

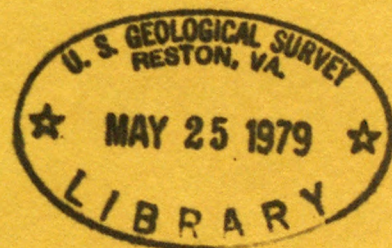
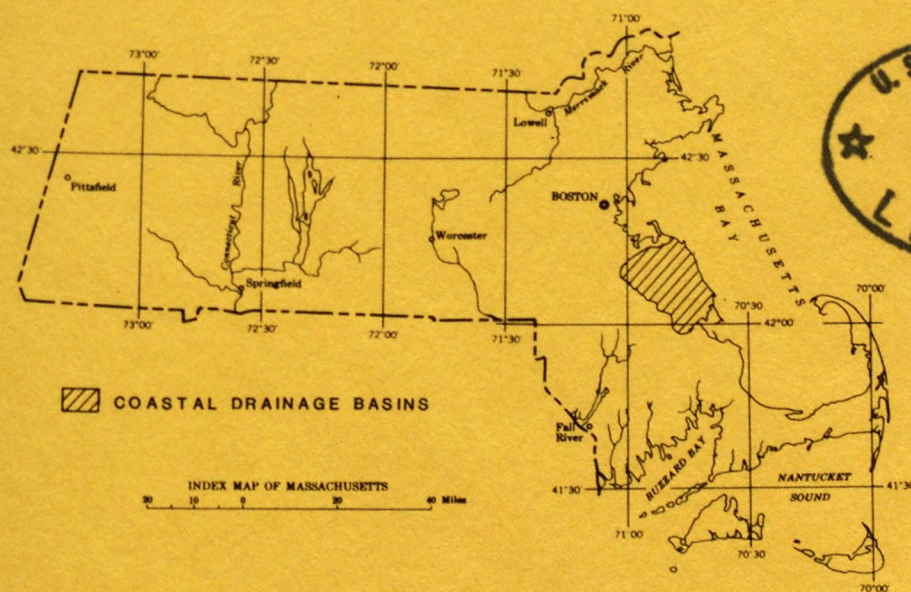
UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MASSACHUSETTS HYDROLOGIC-DATA REPORT NO.16

HYDROLOGIC DATA OF THE COASTAL  
DRAINAGE BASINS OF SOUTHEASTERN  
MASSACHUSETTS, WEIR RIVER, HINGHAM,  
TO JONES RIVER, KINGSTON

BY

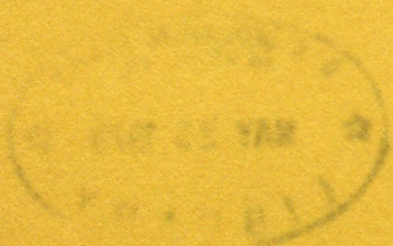
JOHN R. WILLIAMS, RICHARD E. WILLEY, AND GARY D. TASKER



PREPARED IN COOPERATION WITH THE  
COMMONWEALTH OF MASSACHUSETTS  
WATER RESOURCES COMMISSION

1975







UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Geological Survey

HYDROLOGIC DATA OF THE COASTAL DRAINAGE BASINS OF SOUTHEASTERN  
MASSACHUSETTS, WEIR RIVER, HINGHAM, TO JONES RIVER, KINGSTON

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John R. Williams, Richard E. Willey, and Gary D. Tasker

Massachusetts Hydrologic-Data Report No. 16

Records of selected wells, borings, springs, municipal water  
systems, streamflow measurements, and chemical analyses of water

Prepared in cooperation with the  
COMMONWEALTH OF MASSACHUSETTS, WATER RESOURCES COMMISSION

Boston, Massachusetts

1975





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John R. Williams, Richard E. Willey, and Gary D. Tasker

INTRODUCTION

The principal basins are those of Weir River, James Brook, Bound Brook, North River, South River, and Jones River, all draining to Massachusetts Bay and Cape Cod Bay. These basins are bounded on the north by the Weymouth River basins, on the west by the Taunton River basin, and on the south by small basins that drain to Cape Cod Bay. The basins include all, or parts of, the towns of Abington, Cohasset, Duxbury, Halifax, Hanover, Hanson, Hingham, Kingston, Marshfield, Norwell, Pembroke, Plymouth, Plympton, Rockland, Scituate, Weymouth, and Whitman. With the following exceptions, each town is served by its own municipal water system--Hingham and northwest Cohasset by the Hingham Water Company; Abington and Rockland by the Abington-Rockland Joint Water Works; and Plympton lacks a public water supply. Weymouth and Cohasset are in Norfolk County; the other towns are in Plymouth County.

This report presents, in tabular form, selected records of wells, test wells, borings, and springs; measurements of stream discharge, specific conductance, and temperature at partial-record stations; chemical analyses of ground water and surface water; and a summary of municipal water sources and additional sources available. The data were collected during a study of the drainage basins from 1969 to 1971 in cooperation with the Massachusetts Water Resources Commission. The report is released in order to make available to the public and to local, state, and federal agencies basic hydrologic information that may aid in planning water-resources development. Basic records contained in this report and streamflow data published elsewhere (U.S. Geol. Survey, 1960 et seq.) complement an interpretive report (Williams and Tasker, 1974).

The authors wish to acknowledge the public officials, consulting firms, industrial concerns, well drillers, and individual homeowners who have given their time and information to this study.

NUMBERING AND LOCATION OF SURFACE-WATER STATIONS

Records are listed in the order that the main stream enters the ocean, from north to south. Stations on tributaries are listed in the order in which the tributary enters the main stream in its course toward the sea. As an added means of identification, each gaging station and partial-record station has been assigned a number for the U.S. Geological Survey national surface-water data network.

QUALITY OF WATER MEASUREMENTS

Complete and partial chemical analyses in tables 3, 4, 7, and 8 refer to the appropriate well or spring number or to the appropriate gaging or partial-record station number. Samples of water collected from ponds and municipal reservoirs (table 9) were generally collected near the outlet or intake structure.



# DEFINITION OF TERMS

Definition of terms related to streamflow, water quality, and other hydrologic data, as used in this report, are defined as follows:

Color is expressed in units of the platinum-cobalt scale proposed by Hazen (1892, p. 427-428). A unit of color is produced by 1 milligram per litre of platinum in the form of the chloroplatinate ion.

The extent to which water is colored by material in solution is reported as part of the water analysis because a significant color in water may indicate the presence of organic material that may have some bearing on the dissolved-solids content.

Cubic foot per second ( $\text{ft}^3/\text{s}$ ) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second, 448.8 gallons per minute, or 646,317 gallons per day.

Discharge is the volume of water (or more broadly, total fluids) that passes a given point within a given period of time.

Instantaneous discharge is the discharge at a particular instant of time, and the column is labeled "Discharge ( $\text{ft}^3/\text{s}$ )".

Drainage area of a stream at a specified location is that area, measured in a horizontal plane enclosed by a topographic divide, from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hardness of water is a physical-chemical characteristic attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ( $\text{CaCO}_3$ ).

Micrograms per litre ( $\mu\text{g}/\text{l}$ ,  $\text{UG}/\text{L}$ ) is a more precise unit for expressing the concentration of chemical constituents in solution. One thousand micrograms per litre is equivalent to 1 milligram per litre. See below.

Milligrams per litre ( $\text{mg}/\text{l}$ ,  $\text{MG}/\text{L}$ ) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per litre represents the weight of solute per unit volume of water. Milligrams or micrograms per litre may be converted to milliequivalents (one thousandth of a gram-equivalent weight of a constituent) per litre by multiplying by the factors in the table below. Concentration of suspended sediment expressed in milligrams per litre is based on the weight of sediment in a litre of water-sediment mixture.

| Multiply                                 |         | Multiply                             |         |
|------------------------------------------|---------|--------------------------------------|---------|
| Ion                                      |         | Ion                                  |         |
|                                          | by      |                                      | by      |
| Aluminum ( $\text{Al}^{+3}$ )*.....      | 0.11119 | Iron ( $\text{Fe}^{+3}$ )*.....      | 0.05372 |
| Ammonia as $\text{NH}_4^{+1}$ .....      | .05544  | Lead ( $\text{Pb}^{+2}$ )*.....      | .00965  |
| Bicarbonate ( $\text{HCO}_3^{-1}$ )..... | .01639  | Lithium ( $\text{Li}^{+1}$ )*.....   | .14411  |
| Calcium ( $\text{Ca}^{+2}$ ).....        | .04990  | Magnesium ( $\text{Mg}^{+2}$ ).....  | .08226  |
| Carbonate ( $\text{CO}_3^{-2}$ ).....    | .03333  | Manganese ( $\text{Mn}^{+2}$ )*..... | .03640  |
| Chloride ( $\text{Cl}^{-1}$ ).....       | .02821  | Nitrate ( $\text{NO}_3^{-1}$ ).....  | .01613  |
| Chromium ( $\text{Cr}^{+6}$ )*.....      | .11539  | Nitrite ( $\text{NO}_2^{-1}$ ).....  | .02174  |
| Cobalt ( $\text{Co}^{+2}$ )*.....        | .03394  | Potassium ( $\text{K}^{+1}$ ).....   | .02557  |
| Copper ( $\text{Cu}^{+2}$ )*.....        | .03148  | Sodium ( $\text{Na}^{+1}$ ).....     | .04350  |
| Fluoride ( $\text{F}^{-1}$ ).....        | .05264  | Strontium ( $\text{Sr}^{+2}$ )*..... | .02283  |
| Hydrogen ( $\text{H}^{+1}$ ).....        | .99209  | Sulfate ( $\text{SO}_4^{-2}$ ).....  | .02082  |
| Hydroxide ( $\text{OH}^{-1}$ ).....      | .05880  | Zinc ( $\text{Zn}^{+2}$ )*.....      | .03060  |

\*Constituent reported in micrograms per litre; multiply by factor and divide results by 1,000.

Partial-record station is a particular site where limited streamflow or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

pH is a symbol denoting the relative concentration of hydrogen ions in a solution; pH values range from 0 to 14--the lower the value, the more acid is the solution; that is, the more hydrogen ions it contains.

Refusal is a drilling term indicating the depth of a drill hole at which further penetration is impossible or impractical with the equipment being used.

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimetre at  $25^\circ\text{C}$ . Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be used for approximating the dissolved-solids content in the water. Commonly, the amount of dissolved solids (in milligrams per litre) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream or from well to well, and it may even vary in the same source with changes in the composition of the water.

Water year is the 12-month period which begins with October 1 and ends with September 30.



## TEMPERATURE

Most large streams have a small diurnal temperature change, while small, shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges. To convert temperature data shown in degrees Celsius (centigrade, °C) to degrees Fahrenheit (°F), see following table:

Temperature conversion table,  
degrees Celsius (°C) to degrees Fahrenheit (°F)  
°F = 9/5 (°C) + 32 or °C = 5/9 (°F - 32)

| °C  | °F | °C   | °F | °C   | °F | °C   | °F  |
|-----|----|------|----|------|----|------|-----|
| 0.0 | 32 | 10.0 | 50 | 20.0 | 68 | 30.0 | 86  |
| .5  | 33 | 10.5 | 51 | 20.5 | 69 | 30.5 | 87  |
| 1.0 | 34 | 11.0 | 52 | 21.0 | 70 | 31.0 | 88  |
| 1.5 | 35 | 11.5 | 53 | 21.5 | 71 | 31.5 | 89  |
| 2.0 | 36 | 12.0 | 54 | 22.0 | 72 | 32.0 | 90  |
| 3.0 | 37 | 13.0 | 55 | 23.0 | 73 | 33.0 | 91  |
| 3.5 | 38 | 13.5 | 56 | 23.5 | 74 | 33.5 | 92  |
| 4.0 | 39 | 14.0 | 57 | 24.0 | 75 | 34.0 | 93  |
| 4.5 | 40 | 14.5 | 58 | 24.5 | 76 | 34.5 | 94  |
| 5.0 | 41 | 15.0 | 59 | 25.0 | 77 | 35.0 | 95  |
| 5.5 | 42 | 15.5 | 60 | 25.5 | 78 | 35.5 | 96  |
| 6.0 | 43 | 16.0 | 61 | 26.0 | 79 | 36.0 | 97  |
| 6.5 | 44 | 16.5 | 62 | 26.5 | 80 | 36.5 | 98  |
| 7.0 | 45 | 17.0 | 63 | 27.0 | 81 | 37.0 | 99  |
| 8.0 | 46 | 18.0 | 64 | 28.0 | 82 | 38.0 | 100 |
| 8.5 | 47 | 18.5 | 65 | 28.5 | 83 | 38.5 | 101 |
| 9.0 | 48 | 19.0 | 66 | 29.0 | 84 | 39.0 | 102 |
| 9.5 | 49 | 19.5 | 67 | 29.5 | 85 | 39.5 | 103 |

## CONVERSION FACTORS

The following table may be used to convert English units to International System of units (SI).

| Multiply English units                     | By                       | To obtain SI units                               |
|--------------------------------------------|--------------------------|--------------------------------------------------|
| <u>Length</u>                              |                          |                                                  |
| inches (in)                                | 25.4                     | millimetres (mm)                                 |
|                                            | .0254                    | metres (m)                                       |
| feet (ft)                                  | .3048                    | metres (m)                                       |
| yards (yd)                                 | .9144                    | metres (m)                                       |
| rods                                       | 5.0292                   | metres (m)                                       |
| miles (mi)                                 | 1.609                    | kilometres (km)                                  |
| <u>Area</u>                                |                          |                                                  |
| acres                                      | 4047                     | square metres (m <sup>2</sup> )                  |
|                                            | .4047                    | hectares (ha)                                    |
|                                            | .4047                    | square hectometre (hm <sup>2</sup> )             |
|                                            | .004047                  | square kilometres (km <sup>2</sup> )             |
| square miles (mi <sup>2</sup> )            | 2.590                    | square kilometres (km <sup>2</sup> )             |
| <u>Volume</u>                              |                          |                                                  |
| gallons (gal)                              | 3.785                    | litres (l)                                       |
|                                            | 3.785                    | cubic decimetres (dm <sup>3</sup> )              |
|                                            | 3.785 x 10 <sup>-3</sup> | cubic metres (m <sup>3</sup> )                   |
| million gallons (10 <sup>6</sup> gal)      | 3785                     | cubic metres (m <sup>3</sup> )                   |
|                                            | 3.785 x 10 <sup>-3</sup> | cubic hectometres (hm <sup>3</sup> )             |
| cubic feet (ft <sup>3</sup> )              | 28.32                    | cubic decimetres (dm <sup>3</sup> )              |
|                                            | .02832                   | cubic metres (m <sup>3</sup> )                   |
| cfs-day (ft <sup>3</sup> /s-day)           | 2447                     | cubic metres (m <sup>3</sup> )                   |
|                                            | 2.447 x 10 <sup>-3</sup> | cubic hectometres (hm <sup>3</sup> )             |
| acre-feet (acre-ft)                        | 1233                     | cubic metres (m <sup>3</sup> )                   |
|                                            | 1.233 x 10 <sup>-3</sup> | cubic hectometres (hm <sup>3</sup> )             |
|                                            | 1.233 x 10 <sup>-6</sup> | cubic kilometres (km <sup>3</sup> )              |
| <u>Flow</u>                                |                          |                                                  |
| cubic feet per second (ft <sup>3</sup> /s) | 28.32                    | litres per second (l/s)                          |
|                                            | 28.32                    | cubic decimetres per second (dm <sup>3</sup> /s) |
|                                            | .02832                   | cubic metres per second (m <sup>3</sup> /s)      |
| gallons per minute (gal/min)               | .06309                   | litres per second (l/s)                          |
|                                            | .06309                   | cubic decimetres per second (dm <sup>3</sup> /s) |
|                                            | 6.309 x 10 <sup>-5</sup> | cubic metres per second (m <sup>3</sup> /s)      |
| million gallons per day (Mgal/day)         | 43.81                    | cubic decimetres per second (dm <sup>3</sup> /s) |
|                                            | .04381                   | cubic metres per second (m <sup>3</sup> /s)      |
| <u>Mass</u>                                |                          |                                                  |
| ton (short)                                | .9072                    | tonne (t)                                        |

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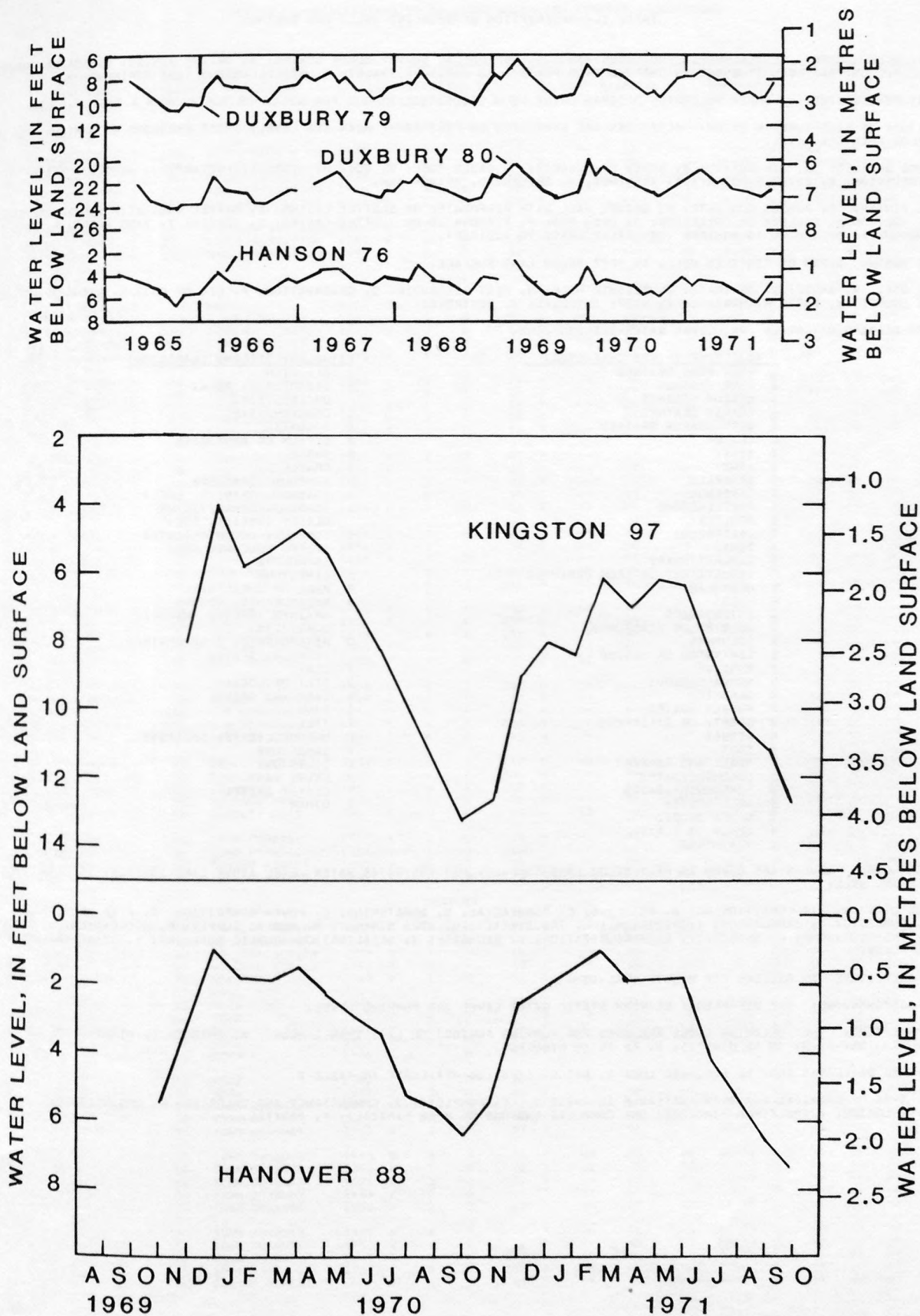


Figure 1.--Hydrographs of water levels in wells

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS

LOCAL WELL NUMBER: LETTER PREFIX INDICATES--A, U.S. GEOLOGICAL SURVEY AUGER BORING; B, BRIDGE BORING; R, ROADWAY BORING; W, WELL OR TEST WELL (THE "W" IS OMITTED FROM PLATE 1 TO CONSERVE SPACE); X, MISCELLANEOUS TEST BORING.

LATITUDE-LONGITUDE: NUMBER FOLLOWING DECIMAL POINT IS A SEQUENTIAL NUMBER FOR WELLS OR BORINGS IN A 1-SECOND GRID.

ALTITUDE OF LAND-SURFACE DATUM: ALTITUDES ARE EXPRESSED IN FEET ABOVE MEAN SEA LEVEL; THOSE PRECEDED BY A MINUS SIGN ARE BELOW MEAN SEA LEVEL.

METHOD DRILLED: A, AIR-ROTARY; B, BORED OR AUGERED; C, CABLE TOOL; D, DUG; H, HYDRAULIC-ROTARY; J, JETTED; P, AIR-PERCUSSION; R, REVERSE-ROTARY; T, TRENCHED; V, DRIVEN; W, DRIVE-WASH.

WELL FINISH: C, POROUS CONCRETE; F, GRAVEL WALL WITH PERFORATED OR SLOTTED CASING; G, GRAVEL WALL WITH COMMERCIAL SCREEN; H, HORIZONTAL GALLERY OR COLLECTOR; O, OPEN END; P, PERFORATED OR SLOTTED CASING; S, SCREEN; T, SAND POINT; W, WALLED OR SHORED; X, OPEN HOLE IN AQUIFER (GENERALLY CASED TO AQUIFER).

WELL DEPTH: DEPTH OF FINISHED WELL, IN FEET BELOW LAND SURFACE.

WELL USE: A, ANODE; D, DRAINAGE; G, SEISMIC HOLE; H, HEAT RESERVOIR; O, OBSERVATION; P, OIL OR GAS; R, RECHARGE; T, TEST; U, UNUSED; W, WATER WITHDRAWAL; X, WASTE DISPOSAL; Z, DESTROYED.

WATER-BEARING MATERIAL: PRINCIPAL WATER-BEARING ZONE.

| ADJECTIVE (FIRST CHARACTER)    | LITHOLOGY (SECOND CHARACTER)                              |
|--------------------------------|-----------------------------------------------------------|
| 1 VERY FINE GRAINED            | A ALLUVIUM                                                |
| 2 FINE GRAINED                 | B SEDIMENTARY ROCK, UNCLASSIFIED                          |
| 3 MEDIUM GRAINED               | C CONGLOMERATE                                            |
| 4 COARSE GRAINED               | D DOLOMITE                                                |
| 5 VERY COARSE GRAINED          | E GYPSUM OR ANHYDRITE                                     |
| 6 CLAYEY                       | F SHALE                                                   |
| 7 SILTY                        | G GRAVEL                                                  |
| 8 SANDY                        | H IGNEOUS, GRANULAR (GABBRO, GRANITE, ETC.)               |
| 9 GRAVELLY                     | I IGNEOUS, APHANITIC OR GLASSY (BASALT, ETC.)             |
| O CAVERNOUS                    | J IGNEOUS, UNCONSOLIDATED (TUFF, VOLCANIC ASH)            |
| A ARGILLACEOUS                 | K SAPROLITE                                               |
| B BOULDERY                     | L LIMESTONE                                               |
| C CALCAREOUS                   | M MARL OR SHELL MARL                                      |
| D DENSE                        | N METAMORPHIC, COARSE GRAINED (GNEISS, MARBLE, QUARTZITE) |
| E CONCRETIONARY                | O METAMORPHIC, FINE GRAINED (SCHIST, SLATE)               |
| F IRONSTAINED OR IRON CEMENTED | P CLAY                                                    |
| G GRANULAR                     | Q SILT OR LOESS                                           |
| H HARD                         | R SAND AND GRAVEL                                         |
| I INTERBEDDED                  | S SAND                                                    |
| J JOINTED OR FRACTURED         | T TILL                                                    |
| K COLUMNAR                     | U UNCONSOLIDATED SEDIMENT                                 |
| L LAMINATED OR BANDED          | V SANDSTONE                                               |
| M MASSIVE                      | W SILTSTONE                                               |
| N NONCALCAREOUS                | X SILTY SAND                                              |
| O ORGANIC                      | Y CLAYEY GRAVEL                                           |
| P POORLY SORTED                | Z OTHER                                                   |
| Q CHERTY OR SILICEOUS          |                                                           |
| R REDBED                       |                                                           |
| S SOFT                         |                                                           |
| T "SALT AND PEPPER"            |                                                           |
| U UNCONSOLIDATED               |                                                           |
| V SEMICONSOLIDATED             |                                                           |
| W WELL SORTED                  |                                                           |
| X CROSS BEDDED                 |                                                           |
| Y SHALY OR SLATY               |                                                           |
| Z WEATHERED                    |                                                           |

WATER LEVEL: LEVELS ARE GIVEN IN FEET BELOW LAND SURFACE; "+" INDICATES WATER LEVEL ABOVE LAND SURFACE; "F" INDICATES FLOWING WELL.

WATER USE: A, AIR CONDITIONING; B, BOTTLING; C, COMMERCIAL; D, DEWATERING; E, POWER GENERATION; F, FIRE PROTECTION; H, DOMESTIC; I, IRRIGATION; M, MEDICINAL; N, INDUSTRIAL (INCLUDES MINING); P, PUBLIC SUPPLY; R, RECREATION; S, STOCK; T, INSTITUTIONAL; U, UNUSED; V, REPRESSURIZATION; W, RECHARGE; X, DESALINATION--PUBLIC SUPPLIES; Y, DESALINATION--OTHER SUPPLIES.

PUMPAGE/YIELD: IN GALLONS PER MINUTE (GAL/MIN).

PUMPAGE/DRAWDOWN: THE DIFFERENCE BETWEEN STATIC WATER LEVEL AND PUMPING LEVEL.

PUMPAGE/TIME: THE FOLLOWING CODES ARE USED FOR PUMPING PERIODS OF LESS THAN 1 HOUR: A, THROUGH 15 MINUTES; B, 16 TO 30 MINUTES; C, 31 TO 45 MINUTES; D, 46 TO 59 MINUTES.

LOG: D, DRILLER'S LOG; E, ELECTRIC LOG; G, GEOLOGIST'S LOG AVAILABLE IN TABLE 2.

QW: TYPE OF CHEMICAL ANALYSIS AVAILABLE IN TABLE 3. C, COMPLETE; J, CONDUCTANCE AND CHLORIDE; K, CONDUCTANCE; L, CHLORIDE; M, MULTIPLE (INCLUDES ONE COMPLETE AND ONE OR MORE PARTIAL); P, PARTIAL.



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE |                |            | LOG | QW |              |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|---------|----------------|------------|-----|----|--------------|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE     | YIELD<br>(GPM) | DD<br>(FT) |     |    | TIME<br>(HR) |
| ABINGTON                |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |    |              |
| W 17                    | 420709N0705606.1       | 110                             | ABING-ROCK W BD | 1953                       | W                     | 2                   | -             | 35                         | T                             | --            | 8G                    | --      | --             | U          | 10  | -- | D -          |
| W 21                    | 420718N0705602.1       | 108                             | ABING-ROCK W BD | 1953                       | W                     | 2                   | 0             | 22                         | T                             | --            | IR                    | 3       | 10-53          | U          | 25  | -- | D -          |
| W 58                    | 420842N0705657.1       | 51                              | DRIVE-IN MOVIE  | 1958                       | C                     | 6                   | X             | 114                        | U                             | --            | H                     | --      | --             | U          | --  | -- | P -          |
| W 59                    | 420850N0705650.1       | 149                             | NAV AIR STATION | 1966                       | B                     | 4                   | X             | 62                         | T                             | 55            | --                    | 5       | 3-66           | U          | --  | -- | D -          |
| W 61                    | 420834N0705638.1       | 141                             | NAV AIR STATION | 1966                       | B                     | 4                   | -             | 19                         | T                             | --            | --                    | 2       | 4-66           | U          | --  | -- | D -          |
| X 10                    | 420854N0705637.1       | 152                             | NAV AIR STATION | 1964                       | W                     | 3                   | X             | 15                         | T                             | 9             | --                    | --      | --             | U          | --  | -- | D -          |
| X 12                    | 420851N0705656.1       | 151                             | NAV AIR STATION | 1959                       | W                     | 2                   | 0             | 15                         | T                             | --            | --                    | 3       | 7-59           | U          | --  | -- | D -          |
| X 14                    | 420855N0705650.1       | 149                             | NAV AIR STATION | 1952                       | W                     | 2                   | 0             | 32                         | T                             | --            | --                    | 3       | 10-52          | U          | --  | -- | D -          |
| COHASSET                |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |    |              |
| B 1                     | 421515N0704839.1       | 0                               | MDPW            | 1956                       | V                     | 1                   | 0             | 17                         | T                             | --            | --                    | --      | --             | U          | --  | -- | D -          |
| W 1                     | 421429N0704831.1       | 13                              | TOWN COHASSET   | 1886                       | W                     | 2                   | S             | 45                         | U                             | --            | 2G                    | --      | --             | P          | --  | -- | P -          |
| W 2                     | 421419N0704814.1       | 9                               | TOWN COHASSET   | 1897                       | W                     | 2                   | S             | 31                         | W                             | --            | R                     | --      | --             | P          | --  | -- | P -          |
| W 4                     | 421259N0704908.1       | 47                              | TOWN COHASSET   | 1909                       | D                     | 300                 | W             | 25                         | W                             | --            | --                    | --      | --             | P          | --  | -- | -            |
| W 6                     | 421431N0704851.1       | 18                              | TOWN COHASSET   | 1950                       | -                     | 8                   | G             | 32                         | W                             | --            | 4R                    | 1       | 6-50           | P          | 100 | -- | D M          |
| W 7                     | 421431N0704849.1       | 18                              | TOWN COHASSET   | 1951                       | -                     | 10                  | G             | 24                         | W                             | 24            | R                     | --      | --             | P          | 126 | -- | D P          |
| W 8                     | 421226N0704926.1       | 50                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 26                         | T                             | --            | 7R                    | 2       | 7-54           | U          | 37  | -- | D -          |
| W 9                     | 421223N0704926.1       | 49                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 26                         | T                             | --            | 3R                    | 1       | 7-54           | U          | --  | -- | D -          |
| W 10                    | 421229N0704930.1       | 47                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 24                         | T                             | --            | BT                    | --      | --             | U          | --  | -- | D -          |
| W 11                    | 421229N0704925.1       | 49                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 24                         | T                             | --            | BT                    | --      | --             | U          | --  | -- | D -          |
| W 12                    | 421422N0705021.1       | 38                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 47                         | T                             | --            | BT                    | 2       | 8-54           | U          | --  | -- | D -          |
| W 14                    | 421335N0704910.1       | 70                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 23                         | T                             | --            | HT                    | --      | --             | U          | --  | -- | D -          |
| W 15                    | 421452N0705011.1       | 84                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 32                         | T                             | --            | 7R                    | 1       | 8-54           | U          | 25  | -- | D -          |
| W 16                    | 421337N0704858.1       | 48                              | TOWN COHASSET   | 1954                       | C                     | 8                   | 0             | 45                         | T                             | 44            | BT                    | --      | --             | U          | --  | -- | D -          |
| W 17                    | 421332N0704937.1       | 55                              | TOWN COHASSET   | 1954                       | W                     | 2                   | S             | 32                         | T                             | --            | 4R                    | 3       | 12-54          | U          | 70  | -- | D P          |
| W 22                    | 421300N0704903.1       | 44                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 22                         | T                             | --            | 4S                    | 5       | 12-54          | U          | 35  | -- | D -          |
| W 24                    | 421258N0704903.1       | 47                              | TOWN COHASSET   | 1954                       | W                     | 2                   | S             | 31                         | T                             | --            | 4G                    | 4       | -54            | U          | 40  | -- | D P          |
| W 25                    | 421258N0704906.1       | 47                              | TOWN COHASSET   | 1954                       | W                     | 2                   | 0             | 46                         | T                             | --            | 9S                    | 2       | 12-54          | U          | 30  | -- | D -          |
| W 27                    | 421413N0704907.1       | 90                              | COOK MRS JANE   | 1966                       | -                     | 6                   | X             | 1005                       | W                             | 55            | H                     | --      | --             | H          | 6   | -- | -            |
| W 29                    | 421337N0704828.1       | 69                              | ROSE CARL       | --                         | -                     | 6                   | X             | 112                        | W                             | 46            | 4H                    | --      | --             | H          | 2   | -- | -            |
| W 30                    | 421337N0704849.1       | 49                              | PUTNAM WILLARD  | 1966                       | A                     | 6                   | X             | 290                        | W                             | 64            | 4H                    | --      | --             | H          | 3   | -- | -            |
| W 31                    | 421450N0704804.1       | 28                              | MONKS GARDNER   | 1966                       | A                     | 6                   | X             | 290                        | W                             | 4             | 4H                    | --      | --             | H          | 2   | -- | -            |
| W 33                    | 421543N0704905.1       | 61                              | FITZGERALD W J  | 1966                       | A                     | 6                   | X             | 385                        | W                             | 6             | 4H                    | 8       | 6-66           | H          | 11  | -- | -            |
| W 35                    | 421513N0705030.2       | 70                              | COLLINS JAMES F | 1966                       | A                     | 6                   | X             | 500                        | W                             | 2             | 4H                    | --      | --             | H          | 8   | -- | -            |
| W 37                    | 421444N0704958.1       | 80                              | ODDI GUIDO      | 1970                       | -                     | 6                   | X             | 275                        | W                             | 12            | H                     | --      | --             | I          | 4   | -- | -            |
| W 38                    | 421443N0705007.1       | 80                              | COONEY W D      | 1959                       | C                     | 6                   | X             | 262                        | W                             | --            | --                    | --      | --             | H          | --  | -- | -            |
| W 39                    | 421432N0705009.1       | 38                              | WINTER GARDEN   | 1964                       | D                     | 48                  | F             | 12                         | W                             | --            | --                    | 6       | --             | R          | --  | -- | -            |
| W 40                    | 421408N0704943.1       | 152                             | D S KENNEDY CO  | 1954                       | C                     | 6                   | X             | 206                        | Z                             | --            | --                    | --      | --             | U          | --  | -- | -            |
| W 41                    | 421409N0704930.2       | 100                             | D S KENNEDY CO  | 1958                       | C                     | 6                   | X             | 258                        | W                             | --            | --                    | F       | 5-58           | C          | 70  | -- | -            |
| W 42                    | 421445N0704906.1       | 65                              | PURLOW RICHARD  | 1954                       | C                     | 6                   | X             | 89                         | W                             | --            | --                    | --      | --             | H          | --  | -- | -            |
| W 43                    | 421445N0704903.1       | 80                              | SMULLEN ROBERT  | 1953                       | C                     | 6                   | X             | 112                        | W                             | --            | --                    | --      | --             | H          | --  | -- | -            |
| W 44                    | 421404N0704726.1       | 15                              | SANDERS STEWART | 1966                       | -                     | 6                   | X             | 365                        | W                             | 6             | --                    | --      | --             | H          | 30  | -- | -            |
| W 45                    | 421340N0704819.1       | 115                             | LEVINE M W      | 1952                       | C                     | 6                   | S             | 110                        | W                             | --            | 52                    | 7-52    | H              | 10         | --  | -- | -            |
| W 46                    | 421244N0704858.1       | 80                              | THURBER MABEL   | 1958                       | C                     | 6                   | X             | 76                         | W                             | --            | --                    | --      | --             | H          | --  | -- | -            |
| W 47                    | 421242N0704922.1       | 48                              | SWEETLEY ELIZ   | --                         | C                     | 6                   | X             | 63                         | W                             | 15            | --                    | --      | --             | H          | 3   | -- | -            |
| X 2                     | 421259N0704907.2       | 47                              | TOWN COHASSET   | 1967                       | V                     | 2                   | 0             | 19                         | T                             | --            | 9S                    | 5       | 1-67           | U          | --  | -- | D -          |
| X 6                     | 421326N0704921.1       | 44                              | TOWN COHASSET   | 1967                       | V                     | 2                   | 0             | 12                         | T                             | --            | --                    | --      | --             | U          | --  | -- | D -          |
| X 7                     | 421430N0704819.1       | 9                               | EDYTHE REALTY   | 1961                       | W                     | 2                   | 0             | 32                         | T                             | --            | 1                     | 5-61    | U              | --         | --  | -- | D -          |
| X 8                     | 421422N0704755.1       | 8                               | TOWN COHASSET   | --                         | W                     | 2                   | 0             | 30                         | T                             | --            | P                     | --      | --             | U          | --  | -- | D -          |
| DUXBURY                 |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |    |              |
| A 1                     | 420222N0704535.1       | 91                              | US GEOL SURVEY  | 1958                       | B                     | 2                   | -             | 94                         | T                             | --            | 1S                    | 20      | 8-58           | U          | --  | -- | G -          |
| A 2                     | 420218N0704555.1       | 80                              | US GEOL SURVEY  | 1958                       | B                     | 2                   | -             | 17                         | T                             | --            | 2R                    | --      | --             | U          | --  | -- | G -          |
| A 3                     | 420226N0704512.1       | 115                             | US GEOL SURVEY  | 1958                       | B                     | 2                   | -             | 19                         | T                             | --            | 3S                    | --      | --             | U          | --  | -- | G -          |
| A 4                     | 420526N0704513.1       | 85                              | US GEOL SURVEY  | 1958                       | B                     | 2                   | -             | 29                         | T                             | --            | 3S                    | --      | --             | U          | --  | -- | G -          |
| B 1                     | 420050N0704337.1       | 73                              | MDPW            | 1953                       | V                     | 1                   | 0             | 52                         | T                             | --            | 8Q                    | --      | --             | U          | --  | -- | D -          |
| B 2                     | 420128N0704334.1       | 91                              | MDPW            | 1961                       | W                     | 2                   | 0             | 54                         | T                             | --            | 9S                    | 16      | 2-61           | U          | --  | -- | D -          |
| B 3                     | 420214N0704329.1       | 66                              | MDPW            | 1961                       | V                     | 2                   | 0             | 27                         | T                             | --            | 9S                    | 2       | 1-61           | U          | --  | -- | D -          |
| B 4                     | 420319N0704334.1       | 59                              | MDPW            | 1961                       | V                     | 2                   | 0             | 54                         | T                             | 50            | 9S                    | 5       | 2-61           | U          | --  | -- | D -          |
| B 5                     | 420400N0704345.1       | 72                              | MDPW            | 1961                       | V                     | 2                   | 0             | 19                         | T                             | 11            | HN                    | --      | --             | U          | --  | -- | D -          |
| B 6                     | 420451N0704421.1       | 68                              | MDPW            | 1961                       | V                     | 2                   | 0             | 24                         | T                             | 16            | DT                    | 4       | 1-61           | U          | --  | -- | D -          |
| B 7                     | 420502N0704432.1       | 30                              | MDPW            | 1961                       | V                     | 2                   | 0             | 20                         | T                             | --            | --                    | --      | --             | U          | --  | -- | D -          |
| B 8                     | 420517N0704442.1       | 72                              | MDPW            | 1961                       | V                     | 2                   | 0             | 20                         | T                             | --            | --                    | --      | --             | U          | --  | -- | D -          |
| W 1                     | 420202N0704120.1       | 48                              | TOWN DUXBURY    | 1954                       | W                     | 2                   | 0             | 32                         | T                             | --            | 3S                    | 10      | 1-54           | U          | 43  | 1  | D M          |
| W 2                     | 420148N0704047.1       | 28                              | TOWN DUXBURY    | 1947                       | -                     | 12                  | G             | 40                         | W                             | --            | 3R                    | 2       | 9-47           | P          | 250 | 6  | D M          |
| W 3                     | 420148N0704154.1       | 50                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 77                         | T                             | 77            | 9S                    | 8       | 11-53          | U          | --  | -- | D -          |
| W 4                     | 420130N0704203.1       | 75                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | S             | 91                         | T                             | 91            | 7S                    | 18      | 11-53          | U          | 4   | -- | D -          |
| W 5                     | 420120N0704226.1       | 65                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 82                         | T                             | 82            | R                     | 17      | 11-53          | U          | --  | -- | D -          |
| W 6                     | 420107N0704258.1       | 40                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 32                         | T                             | --            | --                    | 3       | 11-53          | U          | --  | -- | D -          |
| W 7                     | 420029N0704324.1       | 50                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 11                         | T                             | --            | 8T                    | --      | --             | U          | --  | -- | D -          |
| W 8                     | 420150N0704452.1       | 99                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 20                         | T                             | --            | 8T                    | 2       | 12-53          | U          | --  | -- | D -          |
| W 9                     | 420132N0704335.1       | 80                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 38                         | T                             | --            | 6S                    | 4       | 12-53          | U          | --  | -- | D -          |
| W 10                    | 420228N0704409.1       | 86                              | TOWN DUXBURY    | 1953                       | W                     | 2                   | 0             | 21                         | T                             | --            | 6R                    | 1       | 12-53          | U          | --  | -- | D -          |
| W 11                    | 420208N0704428.1       | 115                             | TOWN DUXBURY    | 1945                       | C                     | 6                   | X             | 105                        | W                             | 30            | --                    | 13      | 10-45          | P          | 4   | -- | -            |
| W 12                    | 420430N0704501.1       | 56                              | BOYS CAMPS INC  | 1947                       | C                     | 8                   | X             | 200                        | W                             | 20            | --                    | --      | --             | P          | 15  | -- | -            |
| W 13                    | 420147N0704405.1       | 101                             | DELANO ROBERT   | --                         | V                     | 1                   | T             | 29                         | U                             | --            | --                    | --      | --             | H          | --  | -- | -            |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER |  | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER  | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE        |            |              | LOG QW |    |         |     |
|-------------------------|--|------------------------|---------------------------------|----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|----------------|------------|--------------|--------|----|---------|-----|
|                         |  |                        |                                 |                |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | YIELD<br>(GPM) | DD<br>(FT) | TIME<br>(HR) |        |    |         |     |
| DUXBURY --CONTINUED     |  |                        |                                 |                |                            |                       |                     |               |                            |                               |               |                       |                |            |              |        |    |         |     |
| W 14                    |  | 420313N0704147.1       | 29                              | TOWN DUXBURY   | 1914                       | W                     | 2                   | S             | 48                         | W                             | --            | 3R                    | --             | P          | 30           | --     | -- | D M     |     |
| W 15                    |  | 420129N0704413.1       | 75                              | TOWN DUXBURY   | 1955                       | W                     | 2                   | O             | 28                         | T                             | --            | 9S                    | 1              | 6-55       | U            | --     | -- | D -     |     |
| W 17                    |  | 420118N0704332.1       | 65                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | O             | 38                         | T                             | --            | R                     | 2              | 11-67      | U            | --     | -- | D -     |     |
| W 18                    |  | 420314N0704443.1       | 71                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | O             | 25                         | T                             | --            | 7R                    | 3              | 11-67      | U            | --     | -- | D -     |     |
| W 19                    |  | 420316N0704437.1       | 70                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | O             | 26                         | T                             | --            | 7R                    | 3              | 11-67      | U            | --     | -- | D -     |     |
| W 20                    |  | 420105N0704332.1       | 80                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | S             | 52                         | T                             | --            | 2R                    | 2              | 11-67      | U            | 35     | -- | 2 D P   |     |
| W 21                    |  | 420102N0704322.1       | 80                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | S             | 39                         | T                             | --            | 2R                    | 2              | 11-67      | U            | 30     | -- | 2 D P   |     |
| W 22                    |  | 420122N0704223.1       | 50                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | S             | 52                         | T                             | --            | 2R                    | 6              | 12-67      | U            | 20     | 4  | 1 D P   |     |
| W 23                    |  | 420213N0704230.1       | 45                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | S             | 70                         | T                             | --            | 7R                    | 4              | 12-67      | U            | 22     | 2  | 3 D P   |     |
| W 24                    |  | 420215N0704238.1       | 45                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | S             | 63                         | T                             | --            | 7R                    | 12             | 12-67      | U            | 10     | -- | 1 D -   |     |
| W 25                    |  | 420208N0704224.1       | 50                              | TOWN DUXBURY   | 1967                       | W                     | 2                   | S             | 53                         | T                             | --            | 2R                    | 4              | 12-67      | U            | 40     | 4  | -- D P  |     |
| W 26                    |  | 420228N0704130.1       | 29                              | TOWN DUXBURY   | 1968                       | C                     | 8                   | S             | 57                         | T                             | --            | 2S                    | 3              | 4-68       | U            | 154    | 6  | 168 D P |     |
| W 27                    |  | 420226N0704135.1       | 40                              | TOWN DUXBURY   | 1968                       | W                     | 2                   | S             | 65                         | T                             | --            | 7R                    | 4              | 1-68       | U            | 30     | 2  | 2 D P   |     |
| W 28                    |  | 420323N0704153.1       | 29                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | S             | 62                         | T                             | --            | 7R                    | 6              | 3-64       | U            | --     | -- | D -     |     |
| W 29                    |  | 420324N0704207.1       | 30                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | S             | 55                         | T                             | --            | 7S                    | 3              | 3-64       | U            | --     | -- | D -     |     |
| W 30                    |  | 420301N0704208.1       | 50                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 68                         | T                             | --            | 7R                    | 1              | 3-64       | U            | --     | -- | D -     |     |
| W 32                    |  | 420328N0704134.1       | 31                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 54                         | T                             | --            | 7S                    | 1              | 3-64       | U            | --     | -- | D -     |     |
| W 33                    |  | 420252N0704158.1       | 30                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 56                         | T                             | --            | 2S                    | 1              | 4-64       | U            | --     | -- | D -     |     |
| W 34                    |  | 420258N0704204.1       | 55                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 70                         | T                             | --            | 2S                    | 2              | 4-64       | U            | --     | -- | D -     |     |
| W 35                    |  | 420259N0704137.1       | 65                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | S             | 69                         | T                             | --            | 9S                    | 1              | 3-64       | U            | 9      | -- | D -     |     |
| W 36                    |  | 420111N0704440.1       | 54                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 20                         | T                             | --            | --                    | --             | --         | U            | --     | -- | - -     |     |
| W 37                    |  | 420344N0704214.1       | 29                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 48                         | T                             | --            | 3R                    | 4              | 3-64       | U            | 60     | 4  | 4 D -   |     |
| W 38                    |  | 420350N0704211.1       | 30                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 50                         | T                             | --            | 2R                    | 2              | 3-64       | U            | 40     | 4  | 2 D -   |     |
| W 39                    |  | 420403N0704238.1       | 60                              | TOWN DUXBURY   | 1964                       | W                     | 2                   | O             | 35                         | T                             | --            | 2R                    | 2              | 3-64       | U            | --     | -- | D -     |     |
| W 40                    |  | 420159N0704127.1       | 65                              | TOWN DUXBURY   | 1969                       | W                     | 2                   | S             | 70                         | T                             | --            | 3R                    | 17             | 11-69      | U            | 40     | 3  | 2 D P   |     |
| W 41                    |  | 420232N0704359.1       | 89                              | TOWN DUXBURY   | 1969                       | W                     | 2                   | O             | 29                         | T                             | --            | 7S                    | 5              | 11-69      | U            | --     | -- | D -     |     |
| W 42                    |  | 420219N0704117.1       | 26                              | TOWN DUXBURY   | 1969                       | W                     | 2                   | S             | 66                         | T                             | --            | R                     | 4              | 12-69      | U            | 60     | 3  | 2 D P   |     |
| W 44                    |  | 420158N0704303.1       | 72                              | TOWN DUXBURY   | 1969                       | W                     | 2                   | O             | 96                         | T                             | --            | 7S                    | --             | --         | U            | --     | -- | D -     |     |
| W 45                    |  | 420158N0704239.1       | 55                              | TOWN DUXBURY   | 1969                       | W                     | 2                   | S             | 60                         | T                             | --            | 9S                    | 2              | 12-69      | U            | 50     | 11 | 2 D M   |     |
| W 46                    |  | 420157N0704243.1       | 45                              | TOWN DUXBURY   | 1969                       | W                     | 2                   | -             | 45                         | T                             | --            | 9S                    | 1              | 12-69      | U            | 60     | 2  | 0 D P   |     |
| W 49                    |  | 420309N0704218.1       | 48                              | TOWN DUXBURY   | 1966                       | W                     | 2                   | S             | 55                         | T                             | --            | 4R                    | 4              | 7-66       | U            | 60     | 11 | 122 D P |     |
| W 52                    |  | 420337N0704218.1       | 35                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 58                         | T                             | --            | 7R                    | 3              | 6-65       | U            | 50     | 5  | 1 D -   |     |
| W 54                    |  | 420336N0704225.1       | 42                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 53                         | T                             | --            | 2R                    | 5              | 6-65       | U            | 50     | 3  | 3 D P   |     |
| W 56                    |  | 420342N0704226.1       | 29                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 52                         | T                             | --            | 2R                    | 4              | 7-65       | U            | 60     | 4  | 3 D P   |     |
| W 58                    |  | 420341N0704231.1       | 38                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 38                         | T                             | --            | 3R                    | 2              | 7-65       | U            | 72     | 6  | A D -   |     |
| W 59                    |  | 420347N0704233.1       | 31                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 36                         | T                             | --            | 9S                    | 3              | 7-65       | U            | 20     | -- | A D -   |     |
| W 60                    |  | 420352N0704233.1       | 30                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 39                         | T                             | --            | 2R                    | 2              | 7-65       | U            | --     | -- | - -     |     |
| W 61                    |  | 420400N0704242.1       | 45                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 41                         | T                             | --            | 3R                    | 3              | 7-65       | U            | 65     | 5  | 3 D P   |     |
| W 62                    |  | 420401N0704225.1       | 29                              | TOWN DUXBURY   | 1965                       | W                     | 2                   | O             | 34                         | T                             | --            | 3R                    | 4              | 7-65       | U            | --     | -- | D -     |     |
| W 63                    |  | 420314N0704141.1       | 19                              | TOWN DUXBURY   | 1966                       | -                     | 24                  | G             | 55                         | W                             | --            | 4R                    | 6              | 7-66       | P            | 503    | 22 | 48 - P  |     |
| W 64                    |  | 420243N0704334.1       | 61                              | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 28                         | T                             | --            | 3R                    | --             | --         | U            | --     | -- | D -     |     |
| W 65                    |  | 420241N0704345.1       | 80                              | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 15                         | T                             | --            | --                    | --             | --         | U            | --     | -- | D -     |     |
| W 66                    |  | 420241N0704351.1       | 79                              | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 45                         | T                             | --            | 7R                    | 5              | 8-63       | U            | --     | -- | D -     |     |
| W 68                    |  | 420218N0704238.1       | 100                             | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 42                         | T                             | --            | 7R                    | 1              | 8-63       | U            | --     | -- | D -     |     |
| W 69                    |  | 420358N0704520.1       | 75                              | SAMPSON H L    | --                         | -                     | 6                   | -             | 130                        | W                             | 30            | --                    | --             | H          | 30           | --     | -- | - -     |     |
| W 70                    |  | 420356N0704608.1       | 99                              | MCGRATH JOHN   | 1950                       | C                     | 6                   | X             | 132                        | W                             | 3             | --                    | 7              | 11-50      | H            | 8      | -- | - C     |     |
| W 71                    |  | 420210N0704538.1       | 72                              | TOWN DUXBURY   | 1955                       | W                     | 2                   | O             | 65                         | T                             | --            | 3R                    | 1              | 7-55       | U            | 69     | 5  | 4 D -   |     |
| W 72                    |  | 420210N0704536.1       | 70                              | TOWN DUXBURY   | --                         | D                     | 24                  | G             | 46                         | W                             | --            | 9S                    | --             | --         | P            | 500    | -- | --      | - P |
| W 78                    |  | 420321N0704335.1       | 55                              | US GEOL SURVEY | 1964                       | B                     | 2                   | S             | 24                         | O                             | --            | 7P                    | 9              | 12-64      | U            | --     | -- | D J     |     |
| W 79                    |  | 420321N0704335.2       | 55                              | US GEOL SURVEY | 1964                       | B                     | 2                   | S             | 24                         | O                             | --            | 7P                    | 8              | 12-64      | U            | --     | -- | G J     |     |
| W 80                    |  | 420317N0704329.1       | 65                              | MDPW           | 1962                       | C                     | 6                   | X             | 181                        | O                             | 50            | --                    | 22             | 4-65       | U            | 1.8    | 2  | 8 - J   |     |
| W 83                    |  | 420210N0704341.1       | 90                              | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 41                         | T                             | --            | 3R                    | 5              | 8-63       | U            | --     | -- | D -     |     |
| W 84                    |  | 420209N0704350.1       | 110                             | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 23                         | T                             | --            | 9S                    | 8              | 8-63       | U            | --     | -- | D -     |     |
| W 85                    |  | 420303N0704346.1       | 70                              | TOWN DUXBURY   | 1963                       | W                     | 2                   | S             | 43                         | T                             | --            | 2R                    | 3              | 8-63       | U            | --     | -- | D -     |     |
| W 86                    |  | 420229N0704345.1       | 72                              | TOWN DUXBURY   | 1963                       | W                     | 2                   | O             | 28                         | T                             | --            | 2R                    | 2              | 8-63       | U            | --     | -- | D -     |     |
| W 87                    |  | 420302N0704228.1       | 80                              | TOWN DUXBURY   | 1961                       | W                     | 2                   | O             | 33                         | T                             | --            | 2R                    | 5              | 10-61      | U            | --     | -- | D -     |     |
| W 88                    |  | 420254N0704228.1       | 93                              | TOWN DUXBURY   | 1961                       | W                     | 2                   | O             | 18                         | T                             | --            | --                    | --             | --         | U            | --     | -- | D -     |     |
| W 89                    |  | 420354N0704254.1       | 40                              | TOWN DUXBURY   | 1961                       | W                     | 2                   | S             | 39                         | T                             | --            | 2R                    | 5              | 10-61      | U            | 55     | 4  | 4 D P   |     |
| W 92                    |  | 420355N0704213.1       | 29                              | TOWN DUXBURY   | 1961                       | W                     | 2                   | O             | 40                         | T                             | --            | 2R                    | 4              | 11-61      | U            | --     | -- | D -     |     |
| W 93                    |  | 420352N0704312.1       | 95                              | TOWN DUXBURY   | 1961                       | W                     | 2                   | O             | 52                         | T                             | --            | 2R                    | 12             | 10-61      | U            | --     | -- | D -     |     |
| W 97                    |  | 420312N0704142.1       | 37                              | TOWN DUXBURY   | 1946                       | W                     | 2                   | O             | 63                         | T                             | --            | 9S                    | 6              | 12-46      | U            | 48     | 3  | 3 D -   |     |
| W 98                    |  | 420226N0704110.1       | 18                              | TOWN DUXBURY   | 1946                       | W                     | 2                   | O             | 75                         | T                             | 75            | 9S                    | 2              | 12-46      | U            | --     | -- | D -     |     |
| W 99                    |  | 420237N0704118.1       | 18                              | TOWN DUXBURY   | 1946                       | -                     | 2                   | -             | 73                         | T                             | 72            | 9S                    | 2              | 12-46      | U            | --     | -- | D -     |     |
| W 100                   |  | 420148N0704049.1       | 29                              | TOWN DUXBURY   | 1946                       | W                     | 2                   | O             | 66                         | T                             | 66            | 4S                    | 4              | 12-46      | U            | 50     | 4  | -- D -  |     |
| W 101                   |  | 420056N0704256.1       | 60                              | TOWN DUXBURY   | 1946                       | W                     | 2                   | O             | 37                         | T                             | 37            | 7R                    | --             | --         | U            | --     | -- | D -     |     |
| W 102                   |  | 420157N0704048.1       | 20                              | TOWN DUXBURY   | 1946                       | -                     | 2                   | -             | 61                         | T                             | 61            | 7S                    | --             | --         | U            | --     | -- | D -     |     |
| W 104                   |  | 420136N0704043.1       | 18                              | TOWN DUXBURY   | 1947                       | W                     | 2                   | O             | 67                         | T                             | --            | R                     | --             | --         | U            | --     | -- | D -     |     |
| W 108                   |  | 420215N07040114.1      | 1                               | CLAPP LABS     | 1965                       | W                     | 2                   | S             | 71                         | T                             | --            | 2R                    | 4              | 8-65       | U            | 40     | -- | 1 D -   |     |
| W 110                   |  | 420214N0704020.1       | 9                               | CLAPP LABS     | 1965                       | W                     | 2                   | S             | 46                         | T                             | --            | R                     | 11             | 10-65      | U            | 20     | -- | 1 D -   |     |
| W 111                   |  | 420217N0704018.1       | 8                               | CLAPP LABS     | 1965                       | W                     | 2                   | P             | 61                         | T                             | --            | --                    | 23             | 10-65      | U            | --     | -- | D -     |     |
| W 112                   |  | 420148N0704021.1       | 10                              | LUND JOSEPH    | 1967                       | W                     | 2                   | O             | 59                         | T                             | --            | --                    | --             | --         | U            | --     | -- | D -     |     |
| W 113                   |  | 420311N0704236.1       | 90                              | SKELLY WILFRED | 1961                       | -                     | 6                   | X             | 185                        | W                             | 35            | H                     | --             | --         | H            | 12     | -- | --      | - - |
| W 114                   |  | 420529N0704427.1       | 121                             | PHALEN GEORGE  | 1965                       | -                     | 6                   | X             | 175                        | W                             | --            | H                     | 110            | 4-65       | H            | 6      | -- | --      | D - |
| W 115                   |  | 420131N0704343.1       | 96                              | NARDI LOUIS    | 1955                       | C                     | 6                   | S             | 28                         | W                             | --            | H                     | --             | --         | H            | 4      | -- | --      | - - |
| W 116                   |  | 420343N0704530.1       | 90                              | DRAKE MRS E    | 1954                       | C                     | 6                   | X             | 73                         | T                             | --            | G                     | --             | --         | U            | 3      | -- | --      | - - |



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE      |            | LOG | QW  |              |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|--------------|------------|-----|-----|--------------|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE<br>(GPM) | DD<br>(FT) |     |     | TIME<br>(HR) |
| DUXBURY --CONTINUED     |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |              |            |     |     |              |
| W 117                   | 420503N0704519.1       | 39                              | SMALL JOSEPH    | 1968 A                     | 6                     | X                   | 157 W         | 30                         | H                             | 3             | 11-68                 | H            | 10         | --  | --  | -            |
| W 118                   | 420357N0704610.1       | 101                             | MCGRATH J F     | 1964 -                     | 6                     | X                   | 425 W         | 20                         | H                             | 10            | 4-64                  | H            | 2          | --  | --  | -            |
| W 119                   | 420329N0704546.1       | 96                              | WITTON EDGAR R  | 1960 C                     | 6                     | S                   | 26 W          | --                         | U                             | --            | --                    | H            | 20         | --  | --  | -            |
| W 120                   | 420247N0704534.1       | 108                             | WHITE BROS MILK | 1955 C                     | 6                     | X                   | 335 W         | --                         | --                            | --            | --                    | U            | --         | --  | --  | -            |
| W 121                   | 420254N0704540.1       | 118                             | FOSTER AND PORT | 1954 C                     | 6                     | X                   | 125 W         | --                         | --                            | --            | --                    | C            | --         | --  | --  | -            |
| W 122                   | 420350N0704526.1       | 87                              | SAMSON EDWIN    | 1956 C                     | 6                     | X                   | 52 W          | --                         | --                            | --            | --                    | H            | --         | --  | --  | -            |
| W 123                   | 420249N0704426.1       | 114                             | KILROY MIKE     | 1957 C                     | 6                     | X                   | 85 W          | --                         | --                            | --            | --                    | H            | --         | --  | --  | -            |
| W 124                   | 420408N0704504.1       | 81                              | MASON CLYDE     | 1955 C                     | 6                     | X                   | 63 W          | --                         | --                            | --            | --                    | H            | --         | --  | --  | -            |
| W 125                   | 420454N0704521.1       | 46                              | NESS FRANK      | 1957 C                     | 6                     | X                   | 120 W         | --                         | --                            | --            | --                    | H            | --         | --  | --  | -            |
| W 126                   | 420447N0704421.1       | 58                              | MONTIERO M      | 1955 C                     | 6                     | X                   | 120 W         | --                         | --                            | --            | --                    | H            | --         | --  | --  | -            |
| W 128                   | 420440N0704311.1       | 62                              | MARSHFIELD C CL | 1963 W                     | 2                     | S                   | 26 T          | --                         | 7R                            | 2             | 10-63                 | U            | 50         | --  | --  | D -          |
| W 129                   | 420441N0704312.1       | 69                              | MARSHFIELD C CL | 1963 W                     | 2                     | O                   | 25 T          | --                         | 7R                            | 1             | 10-63                 | U            | 7          | --  | --  | D -          |
| W 130                   | 420442N0704306.1       | 65                              | MARSHFIELD C CL | 1942 -                     | 2                     | S                   | 20 W          | --                         | --                            | --            | --                    | I            | 20         | --  | --  | -            |
| W 131                   | 420312N0704232.1       | 80                              | DOLTON HERBERT  | 1962 -                     | 6                     | X                   | 145 W         | 55                         | --                            | --            | --                    | H            | 9          | --  | --  | D -          |
| W 133                   | 420423N0704238.1       | 48                              | TOWN DUXBURY    | 1971 W                     | 2                     | P                   | 28 T          | --                         | --                            | 6             | 7-71                  | U            | --         | --  | --  | D -          |
| W 134                   | 420152N0704159.1       | 45                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 50 T          | --                         | 2S                            | 3             | 7-71                  | U            | 50         | --  | --  | D -          |
| W 135                   | 420149N0704212.1       | 49                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 47 T          | --                         | 9S                            | 3             | 7-71                  | U            | 75         | --  | 3   | D P          |
| W 136                   | 420225N0704159.1       | 83                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 45 T          | --                         | --                            | 12            | 7-71                  | U            | 12         | --  | --  | D -          |
| W 137                   | 420224N0704154.1       | 50                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 45 T          | --                         | --                            | 24            | 7-71                  | U            | 7          | --  | --  | D -          |
| W 138                   | 420149N0704216.1       | 50                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 55 T          | --                         | --                            | 4             | 7-71                  | U            | 50         | --  | 3   | D -          |
| W 139                   | 420214N0704213.1       | 49                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 52 T          | --                         | --                            | 6             | 7-71                  | U            | 67         | --  | --  | D -          |
| W 140                   | 420227N0704257.1       | 59                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 47 T          | --                         | --                            | 9             | 7-71                  | U            | 37         | --  | 2   | D -          |
| W 141                   | 420147N0704224.1       | 60                              | TOWN DUXBURY    | 1971 W                     | 2                     | S                   | 71 T          | --                         | --                            | 11            | 7-71                  | U            | 37         | --  | 2   | D -          |
| HALIFAX                 |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |              |            |     |     |              |
| A 3                     | 420123N0704859.1       | 60                              | US GEOL SURVEY  | 1957 B                     | 4                     | -                   | 87 T          | --                         | 8P                            | 20            | 9-57                  | U            | --         | --  | --  | G -          |
| W 27                    | 420100N0704904.1       | 85                              | US GEOL SURVEY  | 1957 V                     | 1                     | T                   | 18 O          | --                         | S                             | 11            | 4-57                  | U            | --         | --  | --  | -            |
| HANOVER                 |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |              |            |     |     |              |
| A 1                     | 420607N0705311.1       | 82                              | US GEOL SURVEY  | 1957 B                     | 2                     | -                   | 26 T          | --                         | --                            | 11            | 9-57                  | U            | --         | --  | --  | G -          |
| A 2                     | 420538N0705301.1       | 111                             | US GEOL SURVEY  | 1958 B                     | 2                     | -                   | 33 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | G -          |
| B 1                     | 420627N0704833.1       | -2                              | MDPW            | 1930 V                     | 1                     | O                   | 10 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| B 2                     | 420749N0704830.1       | 51                              | MDPW            | 1966 V                     | 1                     | O                   | 20 T          | 10                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| B 3                     | 420918N0705122.1       | 139                             | MDPW            | 1959 V                     | 1                     | O                   | 12 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| B 4                     | 420823N0704930.1       | 107                             | MDPW            | 1959 V                     | 2                     | O                   | 14 T          | --                         | --                            | 4             | 10-59                 | U            | --         | --  | --  | D -          |
| W 1                     | 420757N0704958.1       | 59                              | TOWN HANOVER    | 1930 V                     | 2                     | S                   | 51 U          | --                         | 4S                            | --            | --                    | U            | 70         | --  | --  | D M          |
| W 2                     | 420758N0705001.1       | 60                              | TOWN HANOVER    | 1943 -                     | 24                    | G                   | 50 W          | --                         | R                             | --            | --                    | P            | 800        | --  | --  | D P          |
| W 3                     | 420806N0705003.1       | 59                              | TOWN HANOVER    | 1951 -                     | 12                    | G                   | 67 U          | 67                         | 4G                            | 7             | 7-51                  | P            | 795        | 11  | 102 | D P          |
| W 5                     | 420754N0704959.1       | 60                              | TOWN HANOVER    | 1960 C                     | 8                     | S                   | 52 W          | --                         | 4G                            | 11            | 5-60                  | P            | 300        | 6   | 285 | D P          |
| W 6                     | 420620N0705151.1       | 63                              | TOWN HANOVER    | 1930 -                     | --                    | -                   | 42 T          | --                         | 4S                            | --            | --                    | U            | 42         | --  | --  | D -          |
| W 7                     | 420702N0704953.1       | 89                              | TOWN HANOVER    | 1960 -                     | 24                    | G                   | 55 W          | 61                         | 4G                            | 1             | 3-60                  | P            | 250        | 20  | 97  | D M          |
| W 8                     | 420705N0704950.1       | 89                              | TOWN HANOVER    | 1960 -                     | 24                    | G                   | 52 W          | --                         | 3G                            | 4             | 4-60                  | P            | 300        | 13  | 48  | D P          |
| W 9                     | 420756N0705201.1       | 82                              | TOWN HANOVER    | 1966 W                     | 8                     | S                   | 40 T          | --                         | 3R                            | 2             | 6-66                  | U            | 119        | 12  | 168 | D P          |
| W 11                    | 420600N0704904.1       | 9                               | TOWN HANOVER    | 1965 W                     | 2                     | S                   | 58 T          | --                         | 2S                            | --            | --                    | U            | 30         | --  | --  | D -          |
| W 12                    | 420605N0704905.1       | 10                              | TOWN HANOVER    | 1965 W                     | 2                     | S                   | 52 T          | --                         | 2S                            | --            | --                    | U            | 30         | --  | --  | D -          |
| W 14                    | 420758N0705203.1       | 90                              | TOWN HANOVER    | 1965 W                     | 2                     | S                   | 63 T          | --                         | 2S                            | --            | --                    | U            | 8          | --  | --  | D -          |
| W 15                    | 420551N0705035.1       | 55                              | TOWN HANOVER    | 1965 W                     | 2                     | O                   | 12 T          | --                         | T                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 16                    | 420818N0705043.1       | 90                              | TOWN HANOVER    | 1967 W                     | 2                     | S                   | 46 T          | --                         | 7R                            | --            | --                    | U            | 3          | --  | --  | D -          |
| W 17                    | 420621N0705022.1       | 79                              | TOWN HANOVER    | 1962 W                     | 2                     | O                   | 33 T          | --                         | 7R                            | 0             | 10-62                 | U            | --         | --  | --  | D -          |
| W 18                    | 420618N0705025.1       | 76                              | TOWN HANOVER    | 1962 W                     | 2                     | O                   | 24 T          | --                         | 7R                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 20                    | 420818N0705204.2       | 100                             | TOWN HANOVER    | 1965 W                     | 2                     | O                   | 31 T          | --                         | Q                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 21                    | 420816N0705202.1       | 95                              | TOWN HANOVER    | 1965 W                     | 2                     | O                   | 47 T          | --                         | Q                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 26                    | 420634N0705237.1       | 94                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 34 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 27                    | 420727N0705259.1       | 80                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 24 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 28                    | 420704N0704945.1       | 84                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 37 T          | --                         | 7S                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 29                    | 420739N0704928.1       | 85                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 35 T          | --                         | 7S                            | --            | --                    | U            | 40         | --  | --  | D -          |
| W 30                    | 420656N0704923.1       | 49                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 21 T          | --                         | 7S                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 32                    | 420733N0704945.1       | 79                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 33 T          | --                         | 8T                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 33                    | 420754N0705010.1       | 60                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 40 T          | --                         | 2S                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 35                    | 420720N0705030.1       | 99                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 31 T          | --                         | 7S                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 36                    | 420510N0704938.1       | 22                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 60 T          | --                         | R                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 38                    | 420754N0705205.1       | 80                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 24 T          | --                         | T                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 39                    | 420628N0704940.1       | 85                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 50 T          | --                         | Q                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 40                    | 420627N0704938.1       | 90                              | TOWN HANOVER    | -- W                       | 2                     | O                   | 63 T          | --                         | Q                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 41                    | 420635N0704941.1       | 37                              | TOWN HANOVER    | 1964 D                     | 24                    | G                   | 56 W          | --                         | 4G                            | 7             | 12-64                 | P            | 300        | 22  | 148 | D M          |
| W 42                    | 420635N0704927.1       | 30                              | TOWN HANOVER    | 1964 D                     | 24                    | G                   | 50 W          | --                         | 4R                            | 6             | 12-64                 | P            | 300        | 9   | 120 | D P          |
| W 43                    | 420715N0704913.1       | 64                              | TOWN HANOVER    | 1962 W                     | 2                     | O                   | 26 T          | --                         | --                            | 6             | 6-62                  | U            | --         | --  | --  | D -          |
| W 59                    | 420759N0705048.1       | 125                             | MOODIE ROBERT   | 1953 C                     | 6                     | X                   | 185 W         | 68                         | H                             | 34            | 8-53                  | H            | 2          | --  | --  | -            |
| W 61                    | 420652N0705038.1       | 105                             | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 16 T          | --                         | T                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 62                    | 420706N0705033.1       | 116                             | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 16 T          | --                         | T                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 63                    | 420746N0705142.1       | 80                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 51 T          | --                         | 2S                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 65                    | 420829N0705032.1       | 105                             | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 22 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 66                    | 420624N0704842.1       | 24                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 23 T          | --                         | T                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 68                    | 420735N0704924.1       | 82                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 37 T          | --                         | R                             | --            | --                    | U            | --         | --  | --  | D -          |
| W 71                    | 420725N0704922.1       | 68                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 36 T          | --                         | 9S                            | 10            | 7-57                  | U            | 5          | --  | --  | D -          |
| W 72                    | 420901N0705214.1       | 109                             | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 24 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 74                    | 420807N0705152.1       | 92                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 44 T          | --                         | 2R                            | 2             | 7-57                  | U            | 15         | --  | --  | D -          |
| W 75                    | 420805N0705150.1       | 73                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 31 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |
| W 76                    | 420724N0705136.1       | 91                              | TOWN HANOVER    | 1957 W                     | 2                     | O                   | 76 T          | --                         | --                            | --            | --                    | U            | --         | --  | --  | D -          |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>TO<br>BEARING<br>MATERIAL | WATER         |                | PUMPAGE        |            | LOG |              |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------------|---------------|----------------|----------------|------------|-----|--------------|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                                     | LEVEL<br>(FT) | DATE<br>TESTED | YIELD<br>(GPM) | DD<br>(FT) |     | TIME<br>(HR) |
| HANOVER --CONTINUED     |                        |                                 |                 |                            |                       |                     |               |                            |                                     |               |                |                |            |     |              |
| W 77                    | 420738N0705210.1       | 79                              | TOWN HANOVER    | 1957                       | W                     | 2                   | 0             | 34                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 79                    | 420711N0705228.1       | 78                              | TOWN HANOVER    | 1957                       | W                     | 2                   | 0             | 36                         | T                                   | --            | 3R             | 8              | 7-57       | U   | 20           |
| W 81                    | 420613N0705157.1       | 72                              | TOWN HANOVER    | 1957                       | W                     | 2                   | 0             | 66                         | T                                   | --            | R              | 17             | 8-57       | U   | 50           |
| W 88                    | 420606N0705037.1       | 72                              | EGOWIN          | --                         | D                     | 24                  | 0             | 12                         | O                                   | --            | --             | 5              | 10-69      | U   | --           |
| W 89                    | 420631N0705040.1       | 80                              | TOWN HANOVER    | 1962                       | W                     | 2                   | 0             | 29                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 90                    | 420754N0705141.1       | 92                              | TOWN HANOVER    | 1965                       | W                     | 2                   | 0             | 34                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 91                    | 420813N0705158.1       | 80                              | TOWN HANOVER    | 1965                       | W                     | 2                   | S             | 36                         | T                                   | --            | 4G             | 4              | 10-65      | U   | 60           |
| W 93                    | 420902N0705357.1       | 129                             | TOWN HANOVER    | 1965                       | W                     | 2                   | 0             | 24                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 94                    | 420833N0105340.1       | 129                             | TOWN HANOVER    | 1965                       | W                     | 2                   | 0             | 21                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 95                    | 420745N0705320.1       | 139                             | TOWN HANOVER    | 1965                       | W                     | 2                   | 0             | 16                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 97                    | 420633N0705244.1       | 81                              | RUBIN ALTER     | 1967                       | --                    | 6                   | X             | 215                        | W                                   | 19            | --             | --             | H          | 15  | --           |
| W 98                    | 420600N0705247.1       | 90                              | CLARK STANLEY H | 1965                       | --                    | 6                   | X             | 135                        | W                                   | 45            | --             | --             | H          | 60  | --           |
| W 99                    | 420555N0705258.1       | 95                              | SEVIGNYS CANDY  | 1959                       | C                     | 6                   | X             | 124                        | T                                   | 35            | 0              | 8              | 6-59       | U   | 6            |
| W 100                   | 420555N0705140.1       | 72                              | CHAPONIS LEO A  | 1966                       | --                    | 6                   | X             | 180                        | W                                   | 24            | --             | --             | H          | 60  | --           |
| W 101                   | 420540N0705201.1       | 82                              | CLARK ROBERT    | 1966                       | --                    | 6                   | X             | 315                        | W                                   | 9             | --             | --             | H          | 8   | --           |
| W 102                   | 420643N0705110.1       | 98                              | SEALUND WALTER  | 1963                       | --                    | 6                   | X             | 139                        | W                                   | 36            | --             | --             | H          | 3   | --           |
| W 103                   | 420645N0704839.1       | 40                              | SYLVESTER E D   | 1909                       | C                     | 6                   | X             | 150                        | W                                   | --            | --             | --             | H          | 40  | --           |
| W 104                   | 420629N0704909.1       | 42                              | TRUITT GEORGE D | 1949                       | C                     | 6                   | S             | 81                         | W                                   | --            | --             | 30             | 6-49       | H   | 30           |
| W 105                   | 420653N0704920.1       | 61                              | VACHON GERALD J | 1952                       | C                     | 6                   | X             | 125                        | W                                   | 45            | --             | 14             | 4-52       | H   | 5            |
| W 106                   | 420740N0705243.1       | 91                              | ROBINSON T E    | 1966                       | --                    | 6                   | X             | 150                        | W                                   | 60            | --             | --             | H          | 60  | --           |
| W 107                   | 420820N0705159.1       | 101                             | GILMAN TURNER W | 1966                       | A                     | 6                   | X             | 176                        | W                                   | 65            | --             | 10             | 1-66       | I   | 15           |
| W 108                   | 420734N0705149.1       | 84                              | TUCKER PERCY W  | 1965                       | --                    | 6                   | X             | 140                        | W                                   | 52            | --             | 10             | 12-65      | H   | 50           |
| W 109                   | 420743N0704953.1       | 69                              | SPORTSMAN PARK  | 1966                       | --                    | 6                   | X             | 190                        | W                                   | 34            | --             | --             | I          | 60  | --           |
| W 110                   | 420632N0704840.1       | 40                              | MCCARTIN HOMES  | 1966                       | --                    | 6                   | X             | 170                        | W                                   | --            | --             | --             | I          | 60  | --           |
| W 111                   | 420648N0704900.1       | 50                              | TEDESCHI MARKET | 1954                       | C                     | 6                   | X             | 292                        | W                                   | --            | --             | --             | A          | --  | 0            |
| W 112                   | 420614N0704956.1       | 65                              | CORBETT WILLIAM | 1954                       | C                     | 6                   | X             | 130                        | W                                   | --            | --             | --             | H          | --  | --           |
| W 113                   | 420958N0705118.1       | 140                             | MITCHELL GEO    | 1951                       | C                     | 6                   | X             | 167                        | W                                   | --            | --             | --             | H          | --  | --           |
| W 115                   | 420657N0705159.1       | 78                              | --              | --                         | W                     | 2                   | 0             | 25                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 116                   | 420654N0705205.1       | 81                              | LAUNDROMAT      | --                         | W                     | 2                   | --            | 68                         | W                                   | 68            | G              | --             | C          | 20  | --           |
| W 117                   | 420522N0704852.1       | 109                             | TOWN HANOVER    | 1970                       | C                     | 8                   | X             | 48                         | T                                   | --            | 3G             | --             | U          | --  | 0            |
| W 118                   | 420520N0704901.1       | 98                              | TOWN HANOVER    | 1970                       | C                     | 8                   | S             | 50                         | T                                   | --            | 4G             | +1             | 12-70      | U   | 350          |
| HANSON                  |                        |                                 |                 |                            |                       |                     |               |                            |                                     |               |                |                |            |     |              |
| A 16                    | 420231N0705307.1       | 60                              | US GEOL SURVEY  | 1958                       | B                     | --                  | --            | 33                         | T                                   | --            | --             | --             | U          | --  | G            |
| A 20                    | 420510N0705133.1       | 50                              | US GEOL SURVEY  | 1958                       | B                     | --                  | --            | 30                         | T                                   | --            | --             | --             | U          | --  | G            |
| A 21                    | 420506N0705134.1       | 70                              | US GEOL SURVEY  | 1958                       | B                     | --                  | --            | 30                         | T                                   | --            | --             | --             | U          | --  | G            |
| A 22                    | 420511N0705125.1       | 50                              | US GEOL SURVEY  | 1958                       | B                     | --                  | --            | 15                         | T                                   | --            | --             | --             | U          | --  | G            |
| A 23                    | 420507N0705120.1       | 51                              | US GEOL SURVEY  | 1958                       | B                     | --                  | --            | 15                         | T                                   | --            | --             | --             | U          | --  | G            |
| W 3                     | 420251N0705226.1       | 150                             | PLYM COUNTY SAN | 1937                       | C                     | 6                   | X             | 214                        | W                                   | 102           | --             | 60             | 11-39      | P   | 50           |
| W 4                     | 420231N0705214.1       | 85                              | OCEAN SPRAY CO  | --                         | V                     | 2                   | 0             | 50                         | T                                   | --            | 3S             | --             | U          | --  | 0            |
| W 23                    | 420439N0705052.1       | 83                              | KELLIHER S H    | --                         | D                     | 24                  | W             | 21                         | O                                   | --            | --             | 17             | 12-57      | U   | --           |
| W 45                    | 420436N0705144.1       | 62                              | WHITNEY C G     | --                         | D                     | 26                  | O             | 14                         | O                                   | --            | --             | 9              | 5-58       | U   | --           |
| W 53                    | 420456N0705249.1       | 80                              | DELPRETE ALBERT | --                         | --                    | 6                   | X             | 160                        | W                                   | 34            | --             | --             | H          | 20  | --           |
| W 57                    | 420428N0705044.1       | 70                              | US GEOL SURVEY  | 1958                       | W                     | 2                   | 0             | 51                         | T                                   | --            | --             | 7              | 7-58       | U   | --           |
| W 76                    | 420353N0705203.1       | 71                              | US GEOL SURVEY  | 1964                       | B                     | 2                   | S             | 27                         | O                                   | --            | R              | 5              | 6-64       | U   | --           |
| W 79                    | 420236N0705050.1       | 75                              | TOWN HANSON     | 1964                       | W                     | 2                   | P             | 19                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 80                    | 420324N0705140.1       | 80                              | TOWN HANSON     | 1964                       | W                     | 2                   | P             | 20                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 81                    | 420501N0705122.1       | 55                              | TOWN HANSON     | 1964                       | W                     | 2                   | P             | 18                         | T                                   | --            | --             | 5              | 11-64      | U   | --           |
| W 82                    | 420236N0705149.1       | 85                              | TOWN HANSON     | 1964                       | W                     | 2                   | P             | 24                         | T                                   | --            | --             | 7              | 11-64      | U   | --           |
| W 106                   | 420501N0705216.1       | 74                              | ARCHIBALD E     | 1960                       | --                    | 6                   | X             | 106                        | W                                   | 52            | --             | 20             | 8-60       | H   | 10           |
| W 107                   | 420421N0705037.1       | 65                              | BERRY           | 1964                       | V                     | 2                   | S             | 23                         | W                                   | --            | S              | 5              | 4-64       | H   | 42           |
| W 108                   | 420434N0705249.1       | 104                             | MCLAUGHLIN JOHN | 1965                       | --                    | 6                   | X             | 165                        | W                                   | 40            | --             | 20             | 8-65       | H   | 15           |
| W 111                   | 420357N0705217.2       | 73                              | BROCK PUB MKT   | 1964                       | V                     | 2                   | 0             | 24                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 116                   | 420416N0705054.1       | 60                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | P             | 48                         | T                                   | --            | 3R             | --             | U          | 32  | 5            |
| W 120                   | 420342N0705152.1       | 69                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | P             | 27                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 126                   | 420427N0705146.1       | 60                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | 0             | 70                         | T                                   | --            | --             | 0              | 10-67      | U   | --           |
| W 127                   | 420410N0705124.1       | 60                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | 0             | 70                         | T                                   | --            | --             | 2              | 10-67      | U   | --           |
| W 128                   | 420308N0705110.1       | 73                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | 0             | 14                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 129                   | 420239N0705146.1       | 70                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | 0             | 27                         | T                                   | --            | --             | 0              | 10-67      | U   | 50           |
| W 132                   | 420518N0705050.1       | 111                             | DEAN V A        | 1955                       | C                     | 6                   | X             | 105                        | W                                   | --            | --             | --             | H          | 11  | --           |
| W 133                   | 420433N0705242.1       | 107                             | LOCKE WENDALL   | 1969                       | A                     | 6                   | X             | 130                        | W                                   | 53            | --             | 14             | 12-69      | H   | 25           |
| W 134                   | 420418N0705033.1       | 69                              | HAILEY KATHLEEN | 1959                       | C                     | 6                   | X             | 121                        | W                                   | --            | --             | --             | H          | --  | --           |
| W 138                   | 420520N0705048.1       | 108                             | CURTIS JOHN     | 1954                       | C                     | 6                   | X             | 103                        | W                                   | --            | --             | --             | H          | --  | --           |
| HINGHAM                 |                        |                                 |                 |                            |                       |                     |               |                            |                                     |               |                |                |            |     |              |
| B 4                     | 421044N0705459.1       | 135                             | MDPW            | 1957                       | V                     | 1                   | 0             | 23                         | T                                   | --            | --             | 2              | 9-57       | U   | --           |
| B 6                     | 421433N0705135.1       | 15                              | MDPW            | 1932                       | V                     | 1                   | 0             | 13                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 1                     | 421236N0705333.1       | 67                              | HINKLEY         | --                         | V                     | 2                   | 0             | 26                         | U                                   | --            | S              | --             | U          | --  | 0            |
| W 2                     | 421302N0705219.1       | 40                              | TERRY PHILLIP B | 1965                       | A                     | 6                   | X             | 308                        | W                                   | 26            | 4H             | 28             | 11-65      | H   | 6            |
| W 11                    | 421203N0705249.1       | 45                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0             | 31                         | T                                   | 31            | --             | --             | U          | --  | 0            |
| W 12                    | 421438N0705138.1       | 20                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0             | 20                         | T                                   | --            | --             | --             | U          | --  | 0            |
| W 13                    | 421439N0705140.1       | 19                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0             | 22                         | T                                   | --            | BX             | --             | U          | --  | 0            |
| W 16                    | 421403N0705225.1       | 25                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0             | 38                         | T                                   | --            | --             | --             | U          | 8   | --           |
| W 17                    | 421201N0705251.1       | 47                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0             | 30                         | T                                   | 30            | --             | --             | U          | --  | 0            |
| W 18                    | 421358N0705227.1       | 28                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0             | 74                         | T                                   | 74            | 7R             | --             | U          | 11  | --           |



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |                       | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>TO<br>BEARING<br>MATERIAL | WATER                  |                       | PUMPAGE        |            | LOG QW |              |    |     |   |   |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|-----------------------|----------------------------|-------------------------------------|------------------------|-----------------------|----------------|------------|--------|--------------|----|-----|---|---|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH-<br>USE<br>(FT) |                            |                                     | LEVEL-<br>DATE<br>(FT) | DATE<br>MEAS-<br>URED | YIELD<br>(GPM) | DD<br>(FT) |        | TIME<br>(HR) |    |     |   |   |
|                         |                        |                                 |                 |                            |                       |                     |                       |                            |                                     |                        |                       |                |            |        |              |    |     |   |   |
| HINGHAM --CONTINUED     |                        |                                 |                 |                            |                       |                     |                       |                            |                                     |                        |                       |                |            |        |              |    |     |   |   |
| W 19                    | 421459N0705230.1       | 45                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 45                         | T                                   | --                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 20                    | 421319N0705229.1       | 26                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 16                         | T                                   | --                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 22                    | 421319N0705229.3       | 29                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 22                         | T                                   | --                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 24                    | 421313N0705231.1       | 28                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 65                         | T                                   | 65                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 26                    | 421314N0705238.1       | 28                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 69                         | T                                   | 69                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 27                    | 421307N0705233.1       | 29                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 68                         | T                                   | 68                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 28                    | 421322N0705300.1       | 29                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 77                         | T                                   | --                     | 9X                    | U              | 8          | --     | D            | -  |     |   |   |
| W 29                    | 421327N0705248.1       | 30                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 68                         | T                                   | --                     | R                     | 6              | 9-50       | U      | 55           | D  | P   |   |   |
| W 30                    | 421329N0705250.1       | 29                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 70                         | T                                   | --                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 32                    | 421309N0705256.1       | 30                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 22                         | T                                   | 22                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 33                    | 421204N0705247.1       | 48                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 37                         | T                                   | 37                     | --                    | U              | --         | --     | D            | -  |     |   |   |
| W 41                    | 421310N0705253.1       | 28                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 67                         | T                                   | 67                     | 3S                    | 8              | 11-50      | U      | 25           | D  | -   |   |   |
| W 42                    | 421305N0705246.1       | 30                              | HINGHAM WAT CO  | 1950                       | W                     | 2                   | 0                     | 107                        | T                                   | 107                    | 4G                    | 4              | 11-50      | U      | 156          | 2  | D   | P |   |
| W 43                    | 421305N0705246.2       | 30                              | HINGHAM WAT CO  | 1951                       | -                     | 24                  | G                     | 73                         | W                                   | --                     | 4G                    | 0              | 5-51       | P      | 630          | 3  | 46  | D | P |
| W 44                    | 421304N0705252.1       | 30                              | HINGHAM WAT CO  | 1967                       | -                     | 18                  | G                     | 88                         | W                                   | --                     | IR                    | 7              | 3-67       | P      | 800          | 14 | 48  | D | M |
| W 52                    | 421109N0705332.1       | 142                             | DAVENPORT J T   | --                         | C                     | 8                   | X                     | 32                         | W                                   | 32                     | U                     | 11             | --         | H      | 15           | -- | --  | - | - |
| W 53                    | 421054N0705415.1       | 140                             | THAYER WARREN L | --                         | C                     | 6                   | X                     | 190                        | W                                   | 13                     | 3H                    | --             | --         | H      | 10           | -- | --  | - | C |
| W 54                    | 421027N0705322.1       | 140                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 18                         | T                                   | 18                     | --                    | U              | --         | --     | D            | -  | -   | - |   |
| W 57                    | 421025N0705316.1       | 160                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 24                         | T                                   | --                     | --                    | 3              | 12-53      | U      | --           | -- | --  | D | - |
| W 58                    | 421053N0705305.1       | 124                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 20                         | T                                   | 20                     | --                    | --             | U          | --     | --           | -- | --  | D | - |
| W 60                    | 421057N0705311.1       | 130                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 44                         | T                                   | --                     | 2R                    | 2              | 12-53      | U      | 60           | -- | 2   | D | - |
| W 61                    | 421056N0705315.1       | 130                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 56                         | T                                   | 56                     | --                    | 13             | 12-53      | U      | --           | -- | --  | D | - |
| W 63                    | 421105N0705311.1       | 142                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 26                         | T                                   | 26                     | --                    | 2              | 12-53      | U      | --           | -- | --  | D | - |
| W 64                    | 421105N0705219.1       | 120                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 45                         | T                                   | 45                     | --                    | 3              | 12-53      | U      | --           | -- | --  | D | - |
| W 65                    | 421105N0705224.1       | 121                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 33                         | T                                   | 33                     | --                    | 2              | 12-53      | U      | --           | -- | --  | D | - |
| W 66                    | 421104N0705230.1       | 122                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 27                         | T                                   | --                     | --                    | 1              | 12-53      | U      | --           | -- | --  | D | - |
| W 67                    | 421102N0705238.1       | 124                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 34                         | T                                   | --                     | --                    | 4              | 12-53      | U      | --           | -- | --  | D | - |
| W 68                    | 421103N0705252.1       | 128                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 34                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 69                    | 421101N0705416.1       | 120                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 16                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 70                    | 421103N0705421.1       | 130                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 12                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 71                    | 421110N0705433.1       | 100                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 14                         | T                                   | 14                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 73                    | 421108N0705423.1       | 144                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 26                         | T                                   | --                     | --                    | 2              | 12-53      | U      | --           | -- | --  | D | - |
| W 75                    | 421107N0705417.1       | 140                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 28                         | T                                   | --                     | --                    | 2              | 12-53      | U      | --           | -- | --  | D | - |
| W 76                    | 421107N0705412.1       | 109                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 24                         | T                                   | --                     | --                    | 2              | 12-53      | U      | --           | -- | --  | D | - |
| W 77                    | 421148N0705314.1       | 100                             | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 12                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 78                    | 421146N0705312.1       | 98                              | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 11                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 79                    | 421204N0705312.1       | 48                              | HINGHAM WAT CO  | 1953                       | W                     | 2                   | 0                     | 35                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 82                    | 421116N0705231.1       | 130                             | HINGHAM WAT CO  | 1954                       | W                     | 2                   | 0                     | 51                         | T                                   | --                     | --                    | 2              | 7-54       | U      | --           | -- | --  | D | - |
| W 84                    | 421119N0705226.1       | 130                             | HINGHAM WAT CO  | 1954                       | W                     | 2                   | 0                     | 50                         | T                                   | --                     | 2R                    | 1              | 8-54       | U      | 38           | 6  | 2   | D | - |
| W 85                    | 421120N0705224.1       | 130                             | HINGHAM WAT CO  | 1955                       | -                     | 24                  | G                     | 45                         | W                                   | --                     | 3S                    | 2              | 9-55       | P      | 700          | 12 | 168 | D | P |
| W 86                    | 421117N0705220.1       | 118                             | HINGHAM WAT CO  | 1954                       | W                     | 2                   | 0                     | 39                         | T                                   | --                     | 9S                    | 0              | 8-54       | U      | --           | -- | --  | D | - |
| W 87                    | 421302N0705357.1       | 59                              | HINGHAM WAT CO  | 1954                       | W                     | 2                   | 0                     | 25                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 88                    | 421303N0705406.1       | 65                              | HINGHAM WAT CO  | 1954                       | W                     | 2                   | 0                     | 29                         | T                                   | --                     | --                    | 3              | 8-54       | U      | --           | -- | --  | D | - |
| W 89                    | 421305N0705404.1       | 58                              | HINGHAM WAT CO  | 1954                       | W                     | 2                   | 0                     | 18                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 90                    | 421224N0705230.1       | 28                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 23                         | T                                   | --                     | --                    | 1              | 3-57       | U      | --           | -- | --  | D | - |
| W 91                    | 421240N0705236.1       | 30                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 64                         | T                                   | --                     | --                    | 0              | 3-57       | U      | --           | -- | --  | D | - |
| W 92                    | 421117N0705408.1       | 95                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 24                         | T                                   | --                     | --                    | 2              | 3-57       | U      | --           | -- | --  | D | - |
| W 93                    | 421114N0705407.1       | 93                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 26                         | T                                   | --                     | --                    | 3              | 3-57       | U      | --           | -- | --  | D | - |
| W 94                    | 421130N0705306.1       | 115                             | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 37                         | T                                   | --                     | --                    | F              | 3-57       | U      | --           | -- | --  | D | - |
| W 95                    | 421251N0705237.1       | 30                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 72                         | T                                   | --                     | 9S                    | F              | 3-57       | U      | 21           | -- | 2   | D | - |
| W 96                    | 421250N0705243.1       | 35                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 80                         | T                                   | --                     | R                     | +1             | 3-57       | U      | 41           | -- | 2   | D | - |
| W 98                    | 421332N0705212.1       | 28                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 43                         | T                                   | --                     | --                    | 1              | 4-57       | U      | --           | -- | --  | D | - |
| W 99                    | 421338N0705214.1       | 30                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 28                         | T                                   | --                     | 2R                    | 2              | 4-57       | U      | --           | -- | --  | D | - |
| W 100                   | 421323N0705222.1       | 31                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 28                         | T                                   | --                     | --                    | 1              | 4-57       | U      | --           | -- | --  | D | - |
| W 101                   | 421140N0705226.1       | 119                             | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 36                         | T                                   | --                     | 2R                    | 3              | 4-57       | U      | --           | -- | --  | D | - |
| W 102                   | 421140N0705214.1       | 118                             | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 37                         | T                                   | --                     | 9S                    | 2              | 4-57       | U      | --           | -- | --  | D | - |
| W 103                   | 421148N0705248.1       | 139                             | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 56                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 104                   | 421358N0705328.1       | 50                              | HINGHAM WAT CO  | 1957                       | W                     | 2                   | 0                     | 22                         | T                                   | --                     | 9S                    | 0              | 4-57       | U      | --           | -- | --  | D | - |
| W 109                   | 421326N0705232.1       | 31                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 75                         | T                                   | --                     | --                    | 8              | 4-59       | U      | --           | -- | --  | D | - |
| W 110                   | 421326N0705229.1       | 28                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 72                         | T                                   | --                     | --                    | 5              | 4-59       | U      | --           | -- | --  | D | - |
| W 112                   | 421330N0705224.1       | 26                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 37                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 115                   | 421323N0705242.1       | 28                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 67                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 117                   | 421257N0705338.1       | 60                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 45                         | T                                   | --                     | 2R                    | 1              | 5-59       | U      | 10           | -- | 8   | D | - |
| W 118                   | 421300N0705340.1       | 59                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 30                         | T                                   | --                     | 2R                    | 0              | 5-59       | U      | --           | -- | --  | D | - |
| W 119                   | 421304N0705344.1       | 60                              | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 11                         | T                                   | --                     | --                    | --             | --         | U      | --           | -- | --  | D | - |
| W 126                   | 421115N0705210.1       | 119                             | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 38                         | T                                   | --                     | 2R                    | 2              | 5-59       | U      | --           | -- | --  | D | - |
| W 128                   | 421110N0705209.1       | 118                             | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 43                         | T                                   | --                     | 2R                    | 0              | 5-59       | U      | --           | -- | --  | D | - |
| W 129                   | 421106N0705210.1       | 119                             | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 35                         | T                                   | --                     | 3R                    | 0              | 5-59       | U      | --           | -- | --  | D | - |
| W 131                   | 421102N0705214.1       | 119                             | HINGHAM WAT CO  | 1959                       | W                     | 2                   | 0                     | 41                         | T                                   | --                     | 3R                    | 0              | 5-59       | U      | --           | -- | --  | D | - |
| W 145                   | 421329N0705248.1       | 30                              | HINGHAM WAT CO  | 1965                       | -                     | 24                  | G                     | 64                         | W                                   | --                     | 3R                    | 13             | 11-65      | P      | 495          | 35 | 144 | D | - |
| W 146                   | 421127N0705230.1       | 120                             | HINGHAM WAT CO  | 1963                       | W                     | 2                   | 0                     | 71                         | T                                   | --                     | --                    | 3              | 5-63       | U      | --           | -- | --  | D | - |
| W 156                   | 421139N0705409.1       | 65                              | HINGHAM WAT CO  | 1966                       | W                     | 2                   | 0                     | 41                         | T                                   | --                     | 7R                    | 6              | 6-66       | U      | --           | -- | --  | D | - |
| W 157                   | 421146N0705148.1       | 108                             | HINGHAM WAT CO  | 1966                       | W                     | 2                   | 0                     | 32                         | T                                   | --                     | 7R                    | 0              | 6-66       | U      | --           | -- | --  | D | - |
| W 158                   | 421148N0705150.1       | 108                             | HINGHAM WAT CO  | 1966                       | W                     | 2                   | 0                     | 44                         | T                                   | --                     | 9R                    | 2              | 6-66       | U      | 50           | -- | 1   | D | - |
| W 159                   | 421153N0705150.1       | 109                             | HINGHAM WAT CO  | 1966                       | W                     | 2                   | 0                     | 29                         | T                                   | --                     | --                    | --             | --         |        |              |    |     |   |   |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>TO<br>BEARING | WATER         |                       | PUMPAGE |                |            | LOG |              |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------|---------------|-----------------------|---------|----------------|------------|-----|--------------|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                         | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE     | YIELD<br>(GPM) | DD<br>(FT) |     | TIME<br>(HR) |
| HINGHAM --CONTINUED     |                        |                                 |                 |                            |                       |                     |               |                            |                         |               |                       |         |                |            |     |              |
| W 160                   | 421145N0705419.1       | 60                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 65 T          | --                         | 2R                      | 0             | 6-66                  | U       | 40             | --         | 1   | 0            |
| W 162                   | 421148N0705425.1       | 59                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 22 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | --           |
| W 163                   | 421239N0705353.1       | 60                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 38 T          | --                         | 9S                      | 5             | 6-66                  | U       | --             | --         | --  | 0            |
| W 164                   | 421237N0705352.1       | 59                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 48 T          | --                         | 2R                      | 2             | 6-66                  | U       | --             | --         | --  | 0            |
| W 165                   | 421232N0705353.1       | 60                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 35 T          | --                         | 2R                      | 1             | 6-66                  | U       | --             | --         | --  | 0            |
| W 166                   | 421225N0705359.1       | 59                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 37 T          | --                         | 2R                      | 2             | 6-66                  | U       | --             | --         | --  | 0            |
| W 169                   | 421044N0705319.1       | 128                             | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 44 T          | --                         | 9S                      | 2             | 6-66                  | U       | --             | --         | --  | 0            |
| W 170                   | 421101N0705221.1       | 117                             | HINGHAM WAT CO  | 1969 W                     | 2                     | 0                   | 58 T          | --                         | --                      | 6             | 4-69                  | U       | --             | --         | --  | 0            |
| W 172                   | 421057N0705220.1       | 118                             | HINGHAM WAT CO  | 1969 W                     | 2                     | S                   | 48 T          | --                         | 2R                      | 10            | 4-69                  | U       | 25             | --         | 1   | 0            |
| W 173                   | 421054N0705224.1       | 118                             | HINGHAM WAT CO  | 1969 W                     | 2                     | 0                   | 27 T          | --                         | 3R                      | 1             | 4-69                  | U       | --             | --         | --  | 0            |
| W 179                   | 421355N0705322.1       | 49                              | HINGHAM WAT CO  | 1957 W                     | 2                     | 0                   | 21 T          | --                         | R                       | --            | --                    | U       | --             | --         | --  | 0            |
| W 183                   | 421250N0705403.1       | 59                              | HINGHAM WAT CO  | 1954 W                     | 2                     | 0                   | 15 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | --           |
| W 184                   | 421154N0705416.1       | 59                              | HINGHAM WAT CO  | 1966 W                     | 2                     | 0                   | 28 T          | --                         | --                      | 3             | 6-66                  | U       | --             | --         | --  | 0            |
| W 186                   | 421122N0705442.1       | 105                             | HINGHAM WAT CO  | 1953 W                     | 2                     | 0                   | 16 T          | 16                         | --                      | --            | --                    | U       | --             | --         | --  | --           |
| W 188                   | 421341N0705259.1       | 51                              | ACHILLE FRED    | 1951 W                     | 8                     | S                   | 62 U          | --                         | --                      | 10            | 2-51                  | U       | --             | --         | --  | 0            |
| W 191                   | 421407N0705143.1       | 108                             | AMONTE LOUIS F  | 1968 -                     | 6                     | X                   | 185 W         | 50                         | H                       | --            | --                    | H       | 6              | --         | --  | -            |
| W 192                   | 421303N0705223.1       | 44                              | HORNSTRA FARMS  | 1965 -                     | 6                     | X                   | 335 W         | 90                         | H                       | --            | --                    | H       | 10             | --         | --  | -            |
| W 193                   | 421247N0705216.1       | 79                              | BONELLI DOMENIC | 1964 -                     | 6                     | X                   | 255 W         | 3                          | H                       | 20            | 3-64                  | H       | 1              | --         | --  | -            |
| W 194                   | 421132N0705202.1       | 131                             | BENNETT DAVID   | 1966 -                     | 6                     | X                   | 270 W         | 65                         | --                      | --            | --                    | H       | 0.5            | --         | --  | -            |
| W 197                   | 421216N0705320.1       | 55                              | GASPARELLO R M  | 1968 -                     | 6                     | X                   | 245 W         | 44                         | H                       | --            | --                    | H       | 6              | --         | --  | -            |
| W 198                   | 421102N0705344.1       | 150                             | TROLAND E P     | 1964 -                     | 6                     | X                   | 140 W         | 60                         | H                       | --            | --                    | H       | 50             | --         | --  | -            |
| W 199                   | 421054N0705406.1       | 142                             | BAXTER PAUL F   | 1960 C                     | 6                     | X                   | 248 W         | 37                         | H                       | 18            | 6-60                  | H       | 4              | --         | --  | -            |
| W 200                   | 421033N0705328.1       | 140                             | LEVIN HENRY     | 1966 -                     | 6                     | X                   | 510 W         | 100                        | H                       | --            | --                    | H       | 10             | --         | --  | -            |
| W 201                   | 421050N0705425.1       | 149                             | LILLY CONST CO  | 1962 -                     | 6                     | X                   | 395 W         | 12                         | H                       | 10            | 6-62                  | P       | 2              | --         | --  | -            |
| W 202                   | 421032N0705353.1       | 165                             | BEALE RAYMOND E | -- C                       | 6                     | S                   | 86 W          | 86                         | --                      | --            | --                    | H       | 20             | --         | --  | -            |
| W 203                   | 421405N0705152.1       | 78                              | SCHIAVO ANTHONY | 1965 -                     | 6                     | X                   | 300 U         | 35                         | H                       | --            | --                    | U       | 2              | --         | --  | -            |
| W 204                   | 421059N0705358.1       | 132                             | HEMINWAY STUART | 1949 C                     | 6                     | S                   | 99 W          | 93                         | --                      | 3P            | 2-49                  | H       | 10             | --         | --  | -            |
| W 205                   | 421113N0705256.1       | 138                             | STOKES HENRY W  | 1964 A                     | 6                     | X                   | 500 W         | 45                         | H                       | 30            | 8-64                  | H       | 5              | --         | --  | -            |
| W 207                   | 421327N0705300.1       | 40                              | LINSCOTT A C    | 1950 W                     | 2                     | T                   | 30 W          | --                         | --                      | 4             | 9-50                  | H       | 7              | --         | 1   | 0            |
| W 209                   | 421218N0705314.1       | 58                              | CIRCOLA FRED    | 1966 -                     | 6                     | X                   | 140 W         | 48                         | H                       | --            | --                    | H       | 30             | --         | --  | -            |
| W 210                   | 421047N0705332.1       | 129                             | HINGHAM WAT CO  | 1969 W                     | 2                     | 0                   | 36 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 211                   | 421050N0705342.1       | 130                             | HINGHAM WAT CO  | 1969 W                     | 2                     | 0                   | 42 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 212                   | 421100N0705330.1       | 130                             | HINGHAM WAT CO  | 1969 W                     | 2                     | 0                   | 34 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 214                   | 421253N0705249.1       | 130                             | HINGHAM WAT CO  | 1969 W                     | 2                     | 0                   | 43 T          | --                         | R                       | 9             | 10-69                 | U       | 15             | --         | 1   | 0            |
| W 218                   | 421052N0705313.1       | 128                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 48 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 222                   | 421048N0705309.1       | 128                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 47 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 225                   | 421048N0705322.1       | 128                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 54 T          | --                         | R                       | 6             | 5-62                  | U       | 15             | --         | --  | 0            |
| W 227                   | 421046N0705340.1       | 128                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 45 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 228                   | 421135N0705235.1       | 121                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 71 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 230                   | 421131N0705242.1       | 130                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 57 T          | --                         | R                       | 11            | 5-62                  | U       | 54             | 3          | 4   | 0            |
| W 231                   | 421126N0705237.1       | 129                             | HINGHAM WAT CO  | 1962 W                     | 2                     | P                   | 66 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| W 233                   | 421241N0705220.2       | 75                              | PARSONS RONALD  | 1955 C                     | 6                     | X                   | 76 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 241                   | 421341N0705322.1       | 52                              | MOORE STANLEY   | 1953 C                     | 6                     | X                   | 84 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 242                   | 421217N0705334.1       | 70                              | NILES LOUVILLE  | 1961 W                     | 6                     | X                   | 200 -         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 243                   | 421207N0705359.1       | 69                              | TABER THEODORE  | 1958 W                     | 2                     | T                   | 21 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 244                   | 421214N0705332.1       | 73                              | KANE SAMUEL     | 1961 C                     | 6                     | X                   | 92 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 245                   | 421215N0705322.1       | 55                              | PARSONS ROBERT  | -- W                       | 2                     | S                   | 30 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 246                   | 421152N0705402.1       | 75                              | SHAHBAZ JOSEPH  | 1959 C                     | 6                     | X                   | 59 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 247                   | 421156N0705403.1       | 80                              | ALBRECHT GUS    | -- W                       | 2                     | S                   | -- W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 249                   | 421128N0705219.1       | 125                             | SPARROW W       | 1961 C                     | 6                     | X                   | 157 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 250                   | 421119N0705326.1       | 130                             | ARMSTRONG H     | 1962 C                     | 6                     | X                   | 119 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 251                   | 421114N0705319.1       | 132                             | GIORDANI LOUIS  | 1960 C                     | 6                     | X                   | 115 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 252                   | 421115N0705313.1       | 140                             | SCHRAMM HENRY   | 1959 C                     | 6                     | X                   | 118 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 253                   | 421112N0705316.1       | 130                             | WOODWORTH JOHN  | 1962 C                     | 6                     | X                   | 144 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 255                   | 421102N0705350.1       | 142                             | ANDRE JOHN      | 1957 C                     | 6                     | X                   | 150 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 256                   | 421101N0705352.1       | 142                             | KYLLONEN T E    | 1955 C                     | 6                     | X                   | 155 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 257                   | 421057N0705357.1       | 132                             | OKEEFE THOMAS   | 1962 C                     | 6                     | X                   | 130 W         | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 258                   | 421110N0705237.1       | 125                             | KRESS ARTHUR    | -- W                       | 2                     | S                   | 43 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 259                   | 421114N0705248.1       | 129                             | PALMER CHARLES  | -- W                       | 2                     | S                   | 23 -          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 260                   | 421051N0705421.1       | 140                             | BIRD WALTER     | -- V                       | 2                     | T                   | 16 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 261                   | 421044N0705432.1       | 152                             | LEARY SUSAN     | -- W                       | 2                     | S                   | -- W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 262                   | 421052N0705509.1       | 149                             | MELANSON GEORGE | -- W                       | 2                     | S                   | 22 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| W 263                   | 421050N0705505.1       | 148                             | MCGOURTY HUGH F | -- W                       | 2                     | S                   | 22 W          | --                         | --                      | --            | --                    | H       | --             | --         | --  | -            |
| KINGSTON                |                        |                                 |                 |                            |                       |                     |               |                            |                         |               |                       |         |                |            |     |              |
| A 1                     | 420015N0704745.1       | 77                              | US GEOL SURVEY  | 1957 B                     | --                    | -                   | 10 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | G            |
| A 2                     | 420043N0704735.1       | 55                              | US GEOL SURVEY  | 1957 B                     | --                    | -                   | 31 T          | --                         | --                      | 20            | 9-57                  | U       | --             | --         | --  | G            |
| B 1                     | 420008N0704511.1       | 45                              | MDPW            | 1958 V                     | 1                     | 0                   | 84 T          | --                         | --                      | 12            | 3-58                  | U       | --             | --         | --  | 0            |
| B 2                     | 415952N0704320.1       | -3                              | MDPW            | 1954 V                     | 1                     | 0                   | 15 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| B 3                     | 415953N0704318.1       | 6                               | MDPW            | 1954 V                     | 1                     | 0                   | 20 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| B 4                     | 415949N0704318.1       | -4                              | MDPW            | 1954 V                     | 1                     | 0                   | 13 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| B 5                     | 415941N0704315.1       | 15                              | MDPW            | 1954 V                     | 1                     | 0                   | 26 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| B 6                     | 415959N0704321.1       | 2                               | MDPW            | 1954 V                     | 1                     | 0                   | 24 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| B 7                     | 415917N0704305.1       | 73                              | MDPW            | 1946 V                     | 1                     | 0                   | 39 T          | --                         | --                      | --            | --                    | U       | --             | --         | --  | 0            |
| B 8                     | 415833N0704240.1       | 75                              | MDPW            | 1958 V                     | 1                     | 0                   | 48 T          | --                         | --                      | 12            | 2-58                  | U       | --             | --         | --  | 0            |



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSO<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE      |                |            | LOG  | QW |              |   |   |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|--------------|----------------|------------|------|----|--------------|---|---|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE<br>(GPM) | YIELD<br>(GPM) | DD<br>(FT) |      |    | TIME<br>(HR) |   |   |
| KINGSTON --CONTINUED    |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |              |                |            |      |    |              |   |   |
| W 1                     | 415901N0704452.1       | 38                              | TOWN KINGSTON   | 1939                       | V                     | 2                   | 0             | 42                         | T                             | --            | --                    | --           | U              | --         | --   | D  | -            |   |   |
| W 5                     | 420038N0704724.1       | 64                              | TOWN KINGSTON   | 1953                       | W                     | 2                   | 0             | 34                         | T                             | --            | --                    | --           | U              | --         | --   | D  | -            |   |   |
| W 6                     | 420033N0704727.1       | 76                              | TOWN KINGSTON   | 1953                       | W                     | 2                   | 0             | 46                         | T                             | --            | 7R                    | --           | U              | 5          | --   | D  | -            |   |   |
| W 7                     | 420027N0704732.1       | 55                              | TOWN KINGSTON   | 1953                       | W                     | 2                   | 0             | 54                         | T                             | --            | 2R                    | 3            | 4-53           | U          | 50   | -- | D            | - |   |
| W 8                     | 415858N0704450.1       | 43                              | TOWN KINGSTON   | 1945                       | -                     | 12                  | G             | 87                         | W                             | --            | G                     | 10           | 8-45           | P          | 515  | 37 | 175          | D | P |
| W 10                    | 415901N0704452.6       | 35                              | TOWN KINGSTON   | 1897                       | W                     | 2                   | S             | 41                         | U                             | --            | R                     | F            | 7-97           | U          | --   | -- | D            | P |   |
| W 12                    | 415938N0704608.1       | 45                              | TOWN KINGSTON   | 1966                       | W                     | 2                   | S             | 59                         | T                             | --            | 2R                    | 2            | 8-66           | U          | 65   | -- | D            | P |   |
| W 14                    | 415937N0704607.1       | 51                              | TOWN KINGSTON   | 1966                       | W                     | 2                   | S             | 91                         | T                             | --            | 2R                    | 19           | 8-66           | U          | 2    | -- | D            | - |   |
| W 17                    | 415940N0704604.1       | 58                              | TOWN KINGSTON   | 1966                       | W                     | 2                   | S             | 93                         | T                             | --            | 2R                    | 19           | 8-66           | U          | 50   | -- | D            | - |   |
| W 19                    | 415948N0704556.1       | 52                              | TOWN KINGSTON   | 1966                       | W                     | 2                   | 0             | 27                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 20                    | 415943N0704609.1       | 42                              | TOWN KINGSTON   | 1966                       | W                     | 2                   | 0             | 40                         | T                             | --            | 2R                    | --           | U              | --         | --   | -- | D            | - |   |
| W 21                    | 415953N0704546.1       | 42                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | -             | 33                         | T                             | --            | R                     | --           | U              | --         | --   | -- | D            | - |   |
| W 22                    | 415948N0704719.1       | 44                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | 0             | 45                         | T                             | --            | --                    | 2            | 9-56           | U          | --   | -- | D            | - |   |
| W 23                    | 415938N0704728.1       | 37                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | 0             | 32                         | T                             | --            | 9S                    | 3            | 9-56           | U          | 5    | -- | D            | - |   |
| W 24                    | 415949N0704623.1       | 45                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | S             | 41                         | T                             | --            | 3R                    | 5            | 10-56          | U          | 75   | 2  | 3            | D | P |
| W 25                    | 415945N0704620.1       | 39                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | S             | 51                         | T                             | --            | 3R                    | 1            | 10-56          | U          | 83   | 3  | 3            | D | P |
| W 26                    | 420038N0704622.1       | 40                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | 0             | 36                         | T                             | --            | 7S                    | 9            | 11-56          | U          | --   | -- | D            | - |   |
| W 27                    | 420049N0704649.1       | 65                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | 0             | 8                          | T                             | --            | 8T                    | --           | U              | --         | --   | -- | D            | - |   |
| W 28                    | 415958N0704654.1       | 38                              | TOWN KINGSTON   | 1956                       | W                     | 2                   | 0             | 62                         | T                             | --            | 3R                    | 4            | 12-56          | U          | 60   | -- | D            | P |   |
| W 29                    | 420036N0704715.1       | 40                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 33                         | T                             | 31            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 31                    | 420031N0704717.1       | 59                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 19                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 33                    | 420024N0704719.1       | 75                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 33                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 34                    | 420039N0704713.1       | 38                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 40                         | T                             | --            | 2R                    | 3            | 10-64          | U          | 5    | -- | D            | - |   |
| W 35                    | 420034N0704711.1       | 39                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 50                         | T                             | --            | --                    | 4            | 10-64          | U          | --   | -- | D            | - |   |
| W 36                    | 420032N0704709.1       | 37                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 61                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 37                    | 415835N0704525.1       | 110                             | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 38                    | 415842N0704542.1       | 107                             | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 57                         | T                             | --            | --                    | 13           | 10-64          | U          | 20   | -- | D            | - |   |
| W 39                    | 415838N0704556.1       | 105                             | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 61                         | T                             | 60            | R                     | 12           | 10-64          | U          | 35   | -- | D            | - |   |
| W 40                    | 415839N0704600.1       | 103                             | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 61                         | T                             | --            | 2R                    | 6            | 10-64          | U          | 55   | -- | D            | - |   |
| W 42                    | 415920N0704513.1       | 45                              | TOWN KINGSTON   | 1951                       | -                     | 12                  | G             | 120                        | W                             | --            | R                     | 8            | 2-51           | P          | 1000 | 46 | 195          | - | P |
| W 43                    | 415922N0704508.1       | 55                              | TOWN KINGSTON   | 1950                       | C                     | 8                   | S             | 81                         | T                             | 81            | G                     | --           | U              | 250        | 15   | -- | D            | - |   |
| W 44                    | 415841N0704601.1       | 50                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | S             | 49                         | T                             | --            | 4R                    | 14           | 10-64          | U          | 60   | -- | D            | - |   |
| W 45                    | 415843N0704604.1       | 50                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 51                         | T                             | 50            | 2R                    | 16           | 10-64          | U          | 40   | -- | D            | - |   |
| W 46                    | 415844N0704610.1       | 99                              | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 46                         | T                             | --            | 9S                    | 6            | 10-64          | U          | 55   | -- | D            | - |   |
| W 47                    | 415847N0704612.1       | 100                             | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 57                         | T                             | --            | 3R                    | 10           | 10-64          | U          | 70   | -- | D            | - |   |
| W 48                    | 415848N0704614.1       | 110                             | TOWN KINGSTON   | 1964                       | W                     | 2                   | 0             | 50                         | T                             | --            | 3R                    | 3            | 10-64          | U          | 60   | -- | D            | - |   |
| W 49                    | 415815N0704328.1       | 109                             | TOWN KINGSTON   | 1960                       | W                     | 2                   | S             | 51                         | T                             | --            | 2R                    | 5            | 10-60          | U          | 60   | -- | D            | P |   |
| W 51                    | 415816N0704356.1       | 100                             | TOWN KINGSTON   | 1960                       | W                     | 3                   | S             | 78                         | T                             | --            | 3G                    | 9            | 10-60          | U          | 65   | -- | D            | P |   |
| W 52                    | 420014N0704655.1       | 62                              | GLASS THOMAS    | --                         | V                     | 1                   | T             | 30                         | U                             | --            | --                    | 19           | 6-57           | U          | --   | -- | D            | - |   |
| W 55                    | 415905N0704458.1       | 40                              | TOWN KINGSTON   | 1960                       | W                     | 2                   | S             | 65                         | T                             | --            | 2G                    | 4            | 12-60          | U          | 50   | -- | D            | - |   |
| W 56                    | 415910N0704507.1       | 90                              | TOWN KINGSTON   | 1960                       | W                     | 2                   | S             | 40                         | T                             | --            | 2G                    | 10           | 12-60          | U          | 65   | 7  | 2            | D | - |
| W 57                    | 415907N0704503.1       | 88                              | TOWN KINGSTON   | 1960                       | W                     | 2                   | S             | 87                         | T                             | --            | DR                    | 8            | 12-60          | U          | 20   | -- | D            | - |   |
| W 59                    | 415910N0704457.2       | 33                              | TOWN KINGSTON   | 1961                       | C                     | 8                   | S             | 69                         | T                             | --            | 3G                    | F            | 9-61           | U          | 353  | 33 | 168          | D | - |
| W 65                    | 415909N0704458.1       | 34                              | TOWN KINGSTON   | 1961                       | W                     | 2                   | 0             | 64                         | O                             | --            | R                     | +4           | 7-61           | U          | --   | -- | D            | - |   |
| W 67                    | 415842N0704515.1       | 95                              | TOWN KINGSTON   | 1965                       | W                     | 2                   | S             | 40                         | T                             | --            | 3S                    | 19           | 10-65          | U          | 10   | -- | D            | - |   |
| W 69                    | 415836N0704518.1       | 100                             | PICKETT C W     | 1965                       | W                     | 2                   | 0             | 20                         | T                             | --            | 4G                    | 10           | 10-65          | U          | --   | -- | D            | - |   |
| W 71                    | 415928N0704409.1       | 20                              | TOWN KINGSTON   | 1886                       | D                     | 204                 | W             | 18                         | U                             | --            | R                     | --           | U              | 55         | --   | -- | D            | - |   |
| W 75                    | 420050N0704630.1       | 73                              | CAPPELLA M      | 1955                       | V                     | 1                   | T             | 14                         | U                             | --            | --                    | 9            | 6-57           | U          | --   | -- | D            | - |   |
| W 76                    | 420100N0704715.1       | 87                              | HAYFORD J       | 1900                       | V                     | --                  | --            | 18                         | U                             | --            | --                    | 18           | 6-57           | U          | --   | -- | D            | - |   |
| W 79                    | 415847N0704448.1       | 70                              | RUPRECHT J E    | 1968                       | -                     | 6                   | X             | 185                        | W                             | 80            | H                     | 54           | 12-68          | H          | 2    | -- | --           | D | - |
| W 92                    | 420049N0704607.1       | 72                              | IMLEY RALPH     | --                         | D                     | --                  | --            | 12                         | O                             | --            | U                     | 11           | 10-57          | U          | --   | -- | D            | - |   |
| W 95                    | 420005N0704640.1       | 45                              | US GEOL SURVEY  | 1958                       | V                     | 1                   | T             | 71                         | T                             | --            | 1R                    | 10           | 8-58           | U          | 48   | -- | 1            | G | - |
| W 96                    | 415848N0704634.1       | 92                              | --              | --                         | C                     | 6                   | S             | 32                         | W                             | --            | HG                    | --           | H              | 5          | --   | -- | D            | - |   |
| W 97                    | 415920N0704659.1       | 69                              | ZANELLO HENRY A | --                         | D                     | 30                  | O             | 15                         | O                             | --            | --                    | 7            | 11-69          | U          | --   | -- | D            | - |   |
| W 98                    | 415947N0704449.1       | 60                              | TOWN KINGSTON   | 1965                       | W                     | 2                   | 0             | 55                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 99                    | 415946N0704446.1       | 75                              | TOWN KINGSTON   | 1965                       | W                     | 2                   | 0             | 107                        | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 101                   | 415952N0704418.1       | 31                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 36                         | T                             | --            | 2R                    | 6            | 7-57           | U          | 5    | -- | D            | - |   |
| W 102                   | 415959N0704418.1       | 32                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 26                         | T                             | --            | --                    | --           | U              | --         | --   | -- | D            | - |   |
| W 106                   | 420014N0704736.1       | 60                              | TOWN KINGSTON   | 1955                       | C                     | 8                   | S             | 176                        | T                             | 176           | 4G                    | 19           | 5-55           | U          | 610  | 30 | --           | D | - |
| W 107                   | 420009N0704737.1       | 45                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 70                         | T                             | --            | 2R                    | 1            | 7-57           | U          | 20   | -- | D            | - |   |
| W 108                   | 420010N0704734.1       | 38                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 60                         | T                             | --            | --                    | 3            | 7-57           | U          | --   | -- | D            | - |   |
| W 109                   | 415923N0704613.1       | 62                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 32                         | T                             | --            | BR                    | 8            | 7-57           | U          | 15   | -- | D            | - |   |
| W 110                   | 415916N0704524.1       | 38                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 65                         | T                             | --            | 3R                    | 6            | 7-57           | U          | 25   | -- | D            | - |   |
| W 111                   | 415942N0704521.1       | 42                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 54                         | T                             | --            | --                    | 8            | 7-57           | U          | --   | -- | D            | - |   |
| W 113                   | 415827N0704452.1       | 95                              | BAILEY JUSTUS   | 1966                       | -                     | 6                   | X             | 134                        | W                             | 67            | H                     | --           | H              | 15         | --   | -- | D            | - |   |
| W 114                   | 415822N0704454.1       | 130                             | STROJNY W C     | 1964                       | C                     | 6                   | O             | 100                        | W                             | 98            | G                     | 30           | 6-64           | H          | 4    | 40 | 4            | - | - |
| W 116                   | 420121N0704736.1       | 50                              | KEEVEY CLARA    | --                         | A                     | 6                   | X             | 154                        | W                             | --            | H                     | --           | H              | 8          | --   | -- | D            | - |   |
| W 121                   | 415932N0704524.1       | 61                              | HANELET HENRY   | 1957                       | W                     | 2                   | S             | 72                         | W                             | --            | U                     | 25           | 7-57           | H          | 20   | -- | D            | - |   |
| W 122                   | 415926N0704344.1       | 35                              | BOUTIN H        | 1965                       | C                     | 6                   | S             | 82                         | W                             | --            | G                     | 15           | 4-65           | H          | 8    | 40 | 1            | - | - |
| W 123                   | 420035N0704400.1       | 28                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 39                         | T                             | --            | 4R                    | 7            | 8-57           | U          | 75   | -- | D            | - |   |
| W 125                   | 420029N0704407.1       | 28                              | TOWN KINGSTON   | 1964                       | D                     | 24                  | G             | 49                         | W                             | --            | 4R                    | 4            | 3-64           | P          | 500  | 20 | 48           | D | M |
| W 129                   | 420032N0704404.1       | 28                              | TOWN KINGSTON   | 1957                       | W                     | 2                   | 0             | 40                         | T                             | --            | 3R                    | 2            | 8-57           | U          | 40   | -- | D            | - |   |
| W 134                   | 415958N0704410.1       | 38                              | KINGSTON ATH CL | --                         | C                     | 6                   | X             | 70                         | U                             | 20            | --                    | --           | U              | 3          | --   | -- | D            | - |   |
| W 136                   | 415916N0704234.1       | 16                              | THF SEAFARER    | --                         | C                     | 6                   | X             | 328                        | W                             | 70            | --                    | 10           | --             | P          | 60   | -- | D            | - |   |
| W 137                   | 415906N0704330.1       | 70                              | --              | --                         | C                     | 6                   | O             | 70                         | W                             | --            | 4G                    | --           | H              | 5          | --   | -- | D            | - |   |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER |    | LATITUDE-<br>LONGITUDE | ALTI-<br>TUD-<br>E OF L.S.D<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING-<br>MATERIAL | WATER         |                       | PUMPAGE      |            | LOG IN |              |
|-------------------------|----|------------------------|-------------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|--------------------------------|---------------|-----------------------|--------------|------------|--------|--------------|
|                         |    |                        |                                     |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                                | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE<br>(GPM) | DO<br>(FT) |        | TIME<br>(HR) |
| MARSHFIELD              |    |                        |                                     |                 |                            |                       |                     |               |                            |                                |               |                       |              |            |        |              |
| A                       | 1  | 420618N0704532.1       | 105                                 | US GEOL SURVEY  | 1957                       | B                     | 4                   | -             | 58                         | T                              | --            | --                    | --           | U          | --     | G            |
| A                       | 2  | 420748N0704509.1       | 155                                 | US GEOL SURVEY  | 1958                       | B                     | 4                   | -             | 53                         | T                              | --            | --                    | --           | U          | --     | G            |
| A                       | 3  | 420732N0704512.1       | 210                                 | US GEOL SURVEY  | 1958                       | B                     | 4                   | -             | 33                         | T                              | --            | --                    | --           | U          | --     | G            |
| A                       | 4  | 420718N0704603.1       | 18                                  | US GEOL SURVEY  | 1958                       | B                     | 4                   | -             | 36                         | T                              | --            | --                    | --           | U          | --     | G            |
| B                       | 1  | 420541N0704306.1       | 8                                   | MDPW            | 1947                       | V                     | 1                   | 0             | 11                         | T                              | --            | --                    | --           | U          | --     | D            |
| B                       | 2  | 420418N0703909.1       | 5                                   | MDPW            | 1949                       | V                     | 1                   | 0             | 30                         | T                              | --            | --                    | --           | U          | --     | D            |
| B                       | 3  | 420444N0703857.1       | 1                                   | MDPW            | 1961                       | V                     | 1                   | 0             | 24                         | T                              | --            | --                    | --           | U          | --     | D            |
| B                       | 4  | 420511N0703905.1       | -4                                  | MDPW            | 1936                       | V                     | 1                   | 0             | 30                         | T                              | --            | --                    | --           | U          | --     | D            |
| B                       | 5  | 420546N0704325.1       | 10                                  | MDPW            | 1936                       | V                     | 1                   | 0             | 22                         | T                              | --            | 0                     | 5-36         | U          | --     | D            |
| B                       | 6  | 420543N0704318.1       | 9                                   | MDPW            | 1936                       | V                     | 1                   | 0             | 14                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 1  | 420735N0704620.1       | 12                                  | TOWN MARSHFIELD | 1968                       | W                     | 2                   | 0             | 43                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 2  | 420736N0704616.1       | 17                                  | TOWN MARSHFIELD | 1968                       | W                     | 2                   | 0             | 47                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 3  | 420737N0704609.1       | 24                                  | TOWN MARSHFIELD | 1968                       | W                     | 2                   | 0             | 57                         | T                              | --            | HY                    | 2            | 7-68       | U      | 15           |
| W                       | 4  | 420734N0704602.1       | 32                                  | TOWN MARSHFIELD | 1968                       | W                     | 2                   | 0             | 49                         | T                              | --            | HY                    | 7            | 7-68       | U      | 8            |
| W                       | 5  | 420933N0704420.1       | 15                                  | TOWN MARSHFIELD | 1968                       | W                     | 2                   | 0             | 39                         | T                              | --            | --                    | 10           | 7-68       | U      | --           |
| W                       | 6  | 420611N0704404.1       | 85                                  | TOWN MARSHFIELD | 1964                       | W                     | 2                   | 0             | 37                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 7  | 420610N0704450.1       | 91                                  | TOWN MARSHFIELD | 1964                       | W                     | 2                   | 0             | 93                         | T                              | --            | --                    | 11           | 6-64       | U      | --           |
| W                       | 8  | 420612N0704454.1       | 89                                  | TOWN MARSHFIELD | 1964                       | W                     | 2                   | 0             | 88                         | T                              | --            | 7R                    | 13           | 7-64       | U      | 5            |
| W                       | 9  | 420741N0704244.1       | 30                                  | TOWN MARSHFIELD | 1954                       | C                     | 8                   | 0             | 71                         | T                              | 71            | S                     | --           | U          | --     | D            |
| W                       | 10 | 420429N0704219.1       | 9                                   | TOWN MARSHFIELD | 1954                       | C                     | 8                   | 0             | 94                         | T                              | 94            | HS                    | --           | U          | 20     | --           |
| W                       | 14 | 420654N0704407.1       | 80                                  | TOWN MARSHFIELD | 1950                       | C                     | 8                   | S             | 92                         | T                              | 92            | G                     | 11           | 9-50       | U      | 110          |
| W                       | 16 | 420658N0704428.1       | 79                                  | TOWN MARSHFIELD | 1964                       | C                     | 8                   | S             | 140                        | T                              | 135           | 2R                    | --           | U          | 40     | 9            |
| W                       | 17 | 420659N0704431.1       | 79                                  | TOWN MARSHFIELD | 1964                       | C                     | 8                   | S             | 123                        | T                              | 123           | 1R                    | 16           | 10-64      | U      | 40           |
| W                       | 18 | 420634N0704416.1       | 108                                 | TOWN MARSHFIELD | 1964                       | C                     | 8                   | S             | 170                        | W                              | --            | 3G                    | 56           | 7-64       | I      | 100          |
| W                       | 19 | 420708N0704435.1       | 81                                  | TOWN MARSHFIELD | 1964                       | C                     | 8                   | S             | 125                        | T                              | --            | 2G                    | 26           | 9-65       | U      | 281          |
| W                       | 20 | 420704N0704434.1       | 79                                  | TOWN MARSHFIELD | 1950                       | C                     | 8                   | 0             | 87                         | T                              | 87            | 4S                    | 17           | 9-50       | U      | --           |
| W                       | 21 | 420453N0704250.1       | 79                                  | MARSHFIELD C CL | 1964                       | --                    | 12                  | G             | 35                         | W                              | 35            | 3G                    | 3            | 10-64      | I      | 200          |
| W                       | 22 | 420550N0704235.1       | 12                                  | TOWN MARSHFIELD | 1955                       | C                     | 8                   | 0             | 64                         | T                              | 62            | 4G                    | --           | U          | --     | D            |
| W                       | 23 | 420503N0704304.1       | 91                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | 0             | 25                         | T                              | --            | --                    | 8            | 12-69      | U      | --           |
| W                       | 24 | 420531N0704404.1       | 35                                  | TOWN MARSHFIELD | 1927                       | V                     | 2                   | S             | 36                         | U                              | --            | 2R                    | --           | P          | 30     | --           |
| W                       | 26 | 420521N0704151.1       | 11                                  | TOWN MARSHFIELD | 1944                       | --                    | 18                  | G             | 38                         | W                              | --            | R                     | 2            | 12-54      | P      | 250          |
| W                       | 27 | 420523N0704152.1       | 9                                   | TOWN MARSHFIELD | 1955                       | D                     | 18                  | G             | 50                         | W                              | --            | 4G                    | 2            | 2-55       | P      | 250          |
| W                       | 28 | 420650N0704404.1       | 66                                  | TOWN MARSHFIELD | 1950                       | --                    | 12                  | G             | 90                         | W                              | 94            | 4G                    | 10           | 11-50      | P      | 1000         |
| W                       | 29 | 420623N0704339.1       | 49                                  | TOWN MARSHFIELD | 1946                       | --                    | 12                  | G             | 95                         | W                              | --            | G                     | 6            | 1-46       | P      | 700          |
| W                       | 30 | 420621N0704516.1       | 90                                  | US GEOL SURVEY  | 1958                       | B                     | 2                   | S             | 34                         | O                              | --            | 4S                    | 9            | 7-58       | U      | 18           |
| W                       | 31 | 420504N0704309.1       | 90                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | 0             | 27                         | T                              | --            | --                    | 11           | 12-69      | U      | --           |
| W                       | 34 | 420507N0704313.1       | 110                                 | TOWN MARSHFIELD | 1969                       | W                     | 2                   | 0             | 22                         | T                              | --            | 9                     | 12-69        | U          | --     | D            |
| W                       | 35 | 420510N0704315.1       | 119                                 | TOWN MARSHFIELD | 1969                       | W                     | 2                   | 0             | 19                         | T                              | --            | --                    | 8            | 12-69      | U      | --           |
| W                       | 36 | 420812N0704233.1       | 10                                  | TOWN MARSHFIELD | 1927                       | V                     | 2                   | 0             | 25                         | T                              | --            | S                     | --           | U          | 25     | --           |
| W                       | 37 | 420556N0704253.1       | 20                                  | TOWN MARSHFIELD | 1927                       | V                     | 2                   | 0             | 34                         | T                              | --            | 2G                    | --           | U          | 35     | --           |
| W                       | 39 | 420614N0704318.1       | 30                                  | TOWN MARSHFIELD | 1956                       | --                    | 18                  | G             | 62                         | W                              | 92            | 4S                    | 10           | -56        | P      | 300          |
| W                       | 40 | 420652N0704416.1       | 69                                  | TOWN MARSHFIELD | 1960                       | --                    | 18                  | G             | 124                        | W                              | 138           | 4S                    | 12           | 6-60       | P      | 1000         |
| W                       | 42 | 420605N0704216.1       | 50                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | S             | 61                         | T                              | --            | 2R                    | 15           | 6-69       | U      | 15           |
| W                       | 44 | 420613N0704212.1       | 30                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | S             | 55                         | T                              | --            | 2R                    | 7            | 6-69       | U      | 20           |
| W                       | 46 | 420618N0704212.1       | 16                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | S             | 49                         | T                              | --            | 2R                    | 6            | 6-69       | U      | 15           |
| W                       | 47 | 420618N0704212.1       | 47                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | S             | 56                         | T                              | --            | 2R                    | 1            | 7-69       | U      | 40           |
| W                       | 51 | 420832N0704658.1       | 8                                   | TOWN MARSHFIELD | 1968                       | W                     | 2                   | 0             | 37                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 52 | 420643N0704503.1       | 100                                 | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 82                         | T                              | --            | 3R                    | 32           | 8-66       | U      | --           |
| W                       | 54 | 420639N0704505.1       | 100                                 | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 94                         | T                              | --            | 2R                    | 30           | 9-66       | U      | --           |
| W                       | 56 | 420643N0704452.1       | 112                                 | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 88                         | T                              | --            | 2R                    | 37           | 9-66       | U      | --           |
| W                       | 57 | 420639N0704458.1       | 112                                 | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 89                         | T                              | --            | P                     | --           | U          | --     | D            |
| W                       | 58 | 420648N0704505.1       | 90                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | -             | 46                         | T                              | --            | R                     | --           | U          | --     | D            |
| W                       | 59 | 420353N0704106.1       | 10                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 39                         | T                              | --            | --                    | 7            | 9-66       | U      | --           |
| W                       | 60 | 420408N0704122.1       | 35                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 57                         | T                              | --            | 2R                    | 18           | 9-66       | U      | 3            |
| W                       | 62 | 420403N0704120.1       | 35                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 45                         | T                              | --            | 2R                    | 9            | 9-66       | U      | --           |
| W                       | 63 | 420714N0704248.1       | 51                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 37                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 64 | 420721N0704247.1       | 60                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 34                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 65 | 420657N0704535.1       | 64                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 42                         | T                              | --            | --                    | 14           | 10-66      | U      | --           |
| W                       | 66 | 420700N0704532.1       | 73                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 44                         | T                              | --            | --                    | 11           | 10-66      | U      | --           |
| W                       | 67 | 420706N0704537.1       | 70                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 47                         | T                              | --            | --                    | 10           | 10-66      | U      | --           |
| W                       | 68 | 420705N0704545.1       | 60                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 55                         | T                              | --            | --                    | 12           | 10-66      | U      | --           |
| W                       | 69 | 420659N0704525.1       | 83                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 41                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 70 | 420642N0704520.1       | 90                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 86                         | T                              | --            | 2Y                    | 22           | 10-66      | U      | 8            |
| W                       | 71 | 420640N0704525.1       | 82                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 53                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 72 | 420643N0704533.1       | 77                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 49                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 73 | 420654N0704540.1       | 65                                  | TOWN MARSHFIELD | 1966                       | W                     | 2                   | 0             | 56                         | T                              | --            | HY                    | 2            | 10-66      | U      | 4            |
| W                       | 74 | 420422N0704200.1       | 10                                  | TOWN MARSHFIELD | --                         | W                     | 2                   | 0             | 38                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 75 | 420559N0704247.1       | 27                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | S             | 67                         | T                              | --            | R                     | 4            | 6-67       | U      | 25           |
| W                       | 76 | 420555N0704248.1       | 20                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | 0             | 58                         | T                              | --            | R                     | 5            | 6-67       | U      | 5            |
| W                       | 78 | 420603N0704251.1       | 31                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | 0             | 57                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 79 | 420622N0704258.1       | 70                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | 0             | 54                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 80 | 420617N0704301.1       | 45                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | S             | 79                         | T                              | --            | 7R                    | 17           | 6-67       | U      | 5            |
| W                       | 81 | 420611N0704259.1       | 19                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | 0             | 39                         | T                              | --            | --                    | --           | U          | --     | D            |
| W                       | 82 | 420608N0704257.1       | 25                                  | TOWN MARSHFIELD | 1967                       | W                     | 2                   | S             | 83                         | T                              | --            | 2R                    | 7            | 6-67       | U      | 3            |
| W                       | 86 | 420525N0704147.1       | 10                                  | TOWN MARSHFIELD | 1969                       | W                     | 2                   | 0             | 15                         | T                              | --            | --                    | --           | U          | --     | D            |



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUD-<br>E OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE      |                |            |              | LOG | QW |
|-------------------------|------------------------|-----------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|--------------|----------------|------------|--------------|-----|----|
|                         |                        |                                   |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE<br>(GPM) | YIELD<br>(GPM) | DD<br>(FT) | TIME<br>(HR) |     |    |
| MARSHFIELD --CONTINUED  |                        |                                   |                 |                            |                       |                     |               |                            |                               |               |                       |              |                |            |              |     |    |
| W 88                    | 420523N0704140.1       | 8                                 | TOWN MARSHFIELD | 1969 W                     | 2                     | 0                   | 16 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 90                    | 420423N0704136.1       | 8                                 | TOWN MARSHFIELD | 1969 W                     | 2                     | 0                   | 23 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 91                    | 420428N0704126.1       | 17                                | TOWN MARSHFIELD | 1967 W                     | 2                     | 0                   | 49 T          | --                         | R                             | 6             | 7-67                  | U            | 3              | --         | --           | D   | -  |
| W 92                    | 420431N0704128.1       | 18                                | TOWN MARSHFIELD | 1967 W                     | 2                     | 0                   | 48 T          | --                         | R                             | 2             | 7-67                  | U            | 5              | --         | --           | D   | -  |
| W 97                    | 420425N0704124.1       | 17                                | TOWN MARSHFIELD | 1967 W                     | 2                     | S                   | 49 T          | --                         | R                             | 15            | 7-67                  | U            | 12             | --         | --           | D   | -  |
| W 99                    | 420419N0704125.1       | 11                                | TOWN MARSHFIELD | 1967 W                     | 2                     | 0                   | 49 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 100                   | 420606N0704247.1       | 40                                | TOWN MARSHFIELD | 1962 W                     | 2                     | S                   | 46 T          | --                         | 3R                            | 4             | 10-62                 | U            | 45             | --         | --           | D   | P  |
| W 104                   | 420611N0704252.1       | 65                                | TOWN MARSHFIELD | 1962 W                     | 2                     | 0                   | 89 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 105                   | 420616N0704251.1       | 58                                | TOWN MARSHFIELD | 1962 W                     | 2                     | 0                   | 87 T          | --                         | --                            | 30            | 10-62                 | U            | --             | --         | --           | D   | -  |
| W 106                   | 420625N0704250.1       | 77                                | TOWN MARSHFIELD | 1962 W                     | 2                     | 0                   | 92 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 107                   | 420629N0704250.1       | 77                                | TOWN MARSHFIELD | 1962 W                     | 2                     | 0                   | 87 T          | --                         | --                            | 29            | 11-62                 | U            | --             | --         | --           | D   | -  |
| W 108                   | 420640N0704248.1       | 72                                | TOWN MARSHFIELD | 1962 W                     | 2                     | 0                   | 57 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 110                   | 420633N0704249.1       | 77                                | TOWN MARSHFIELD | 1962 W                     | 2                     | 0                   | 69 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 111                   | 420355N0704135.1       | 9                                 | TOWN MARSHFIELD | 1961 W                     | 2                     | S                   | 50 T          | --                         | 3S                            | 25            | 4-61                  | U            | --             | --         | --           | D   | -  |
| W 112                   | 420414N0704124.1       | 10                                | TOWN MARSHFIELD | 1961 W                     | 2                     | 0                   | 52 T          | --                         | --                            | 15            | 4-61                  | U            | --             | --         | --           | D   | -  |
| W 113                   | 420426N0704119.1       | 27                                | TOWN MARSHFIELD | 1961 C                     | 8                     | S                   | 42 T          | --                         | 1R                            | 4             | 5-61                  | U            | 204            | 18         | 239          | D   | P  |
| W 114                   | 420408N0704124.1       | 12                                | TOWN MARSHFIELD | 1962 C                     | 8                     | S                   | 50 T          | --                         | R                             | 22            | 6-62                  | U            | 132            | 7          | 195          | D   | P  |
| W 119                   | 420544N0704333.1       | 20                                | TOWN MARSHFIELD | 1964 W                     | 2                     | 0                   | 21 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 120                   | 420536N0704353.1       | 35                                | TOWN MARSHFIELD | 1964 W                     | 2                     | 0                   | 34 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 122                   | 420554N0704322.1       | 19                                | TOWN MARSHFIELD | 1964 W                     | 2                     | 0                   | 58 T          | --                         | 2Y                            | 4             | 7-64                  | U            | 7              | --         | --           | D   | -  |
| W 124                   | 420601N0704327.1       | 26                                | TOWN MARSHFIELD | 1964 W                     | 2                     | 0                   | 42 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 125                   | 420657N0704410.1       | 30                                | TOWN MARSHFIELD | 1964 W                     | 2                     | 0                   | 34 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 129                   | 420711N0704430.1       | 39                                | TOWN MARSHFIELD | 1964 W                     | 2                     | 0                   | 98 T          | --                         | --                            | 30            | 7-64                  | U            | --             | --         | --           | D   | -  |
| W 130                   | 420828N0704532.1       | 55                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 90 T          | --                         | --                            | 34            | 8-68                  | U            | --             | --         | --           | D   | -  |
| W 131                   | 420938N0704500.1       | 12                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 116 T         | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 132                   | 420906N0704429.1       | 40                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 38 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 133                   | 420749N0704518.1       | 128                               | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 48 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 134                   | 420750N0704524.1       | 136                               | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 58 T          | --                         | --                            | 6             | 8-68                  | U            | --             | --         | --           | D   | -  |
| W 135                   | 420754N0704524.1       | 140                               | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 41 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 137                   | 420910N0704435.1       | 43                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 42 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 138                   | 420739N0704525.1       | 95                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 59 T          | --                         | --                            | 1             | 8-68                  | U            | --             | --         | --           | D   | -  |
| W 139                   | 420738N0704513.1       | 145                               | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 67 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 140                   | 420536N0704359.1       | 40                                | TOWN MARSHFIELD | 1958 W                     | 2                     | S                   | 33 T          | --                         | 4R                            | 1             | 4-58                  | U            | 45             | --         | --           | D   | -  |
| W 143                   | 420528N0704414.1       | 50                                | TOWN MARSHFIELD | 1958 W                     | 2                     | 0                   | 32 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 145                   | 420858N0704554.1       | 77                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 44 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 146                   | 420902N0704553.1       | 70                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 64 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 147                   | 420910N0704551.1       | 55                                | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 79 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 148                   | 420920N0704546.1       | 8                                 | TOWN MARSHFIELD | 1968 W                     | 2                     | 0                   | 98 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 150                   | 420454N0704228.1       | 50                                | MCCARTIN JOSEPH | 1966 -                     | 6                     | X                   | 320 W         | 32                         | H                             | --            | --                    | H            | 12             | --         | --           | -   | -  |
| W 151                   | 420631N0704350.1       | 55                                | CALLAHAN MRS P  | 1969 A                     | 6                     | X                   | 172 W         | 120                        | H                             | 24            | 8-69                  | H            | 30             | --         | --           | -   | -  |
| W 152                   | 420508N0704349.1       | 63                                | BICKNELL ALVIN  | 1954 C                     | 6                     | X                   | 154 W         | 0                          | H                             | 7             | 7-54                  | H            | 5              | --         | --           | -   | -  |
| W 153                   | 420702N0704024.1       | 14                                | U S ARMY        | 1943 V                     | 2                     | S                   | 33 Z          | --                         | 9S                            | 8             | 1-43                  | U            | 7              | --         | 2            | D   | -  |
| W 154                   | 420433N0703855.1       | 8                                 | CAMPANELLI BROS | 1963 W                     | 2                     | S                   | 60 T          | --                         | 6R                            | 10            | 7-63                  | U            | 5              | --         | --           | -   | -  |
| W 155                   | 420803N0704424.1       | 119                               | RUGANI GINO     | 1955 V                     | 2                     | S                   | 37 T          | --                         | 4R                            | 9             | 1-55                  | U            | 55             | 5          | 2            | D   | -  |
| W 156                   | 420451N0704239.1       | 70                                | MARSHFIELD C CL | 1962 W                     | 2                     | S                   | 37 T          | --                         | R                             | 0             | 11-62                 | U            | 40             | --         | --           | D   | -  |
| W 157                   | 420446N0704246.1       | 76                                | MARSHFIELD C CL | 1962 W                     | 2                     | 0                   | 37 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 158                   | 420502N0704248.1       | 72                                | MARSHFIELD C CL | 1962 W                     | 2                     | 0                   | 21 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| W 163                   | 420845N0704527.2       | 20                                | FORGAN HATCHERY | --                         | V                     | 2                   | P             | 25 U                       | --                            | S             | F                     | 10-70        | U              | 10         | --           | -   | C  |
| X 6                     | 420631N0704005.1       | 5                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 28 T          | --                         | --                            | 1             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 9                     | 420618N0704015.1       | 5                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 15 T          | --                         | --                            | 4             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 11                    | 420618N0703951.1       | 8                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 18 T          | --                         | --                            | 2             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 12                    | 420607N0703947.1       | 5                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 17 T          | --                         | --                            | 2             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 13                    | 420601N0703941.1       | 4                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 20 T          | --                         | --                            | 1             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 14                    | 420554N0703930.1       | 3                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 34 T          | --                         | --                            | 4             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 15                    | 420551N0703921.1       | 15                                | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 15 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| X 20                    | 420530N0703847.1       | 9                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 21 T          | --                         | --                            | 2             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 21                    | 420520N0703902.1       | 5                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 15 T          | --                         | --                            | 5             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 24                    | 420506N0703907.1       | 4                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 20 T          | --                         | --                            | 0             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 26                    | 420427N0703858.1       | 11                                | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 16 T          | --                         | --                            | 8             | 6-56                  | U            | --             | --         | --           | D   | -  |
| X 30                    | 420627N0704056.1       | 5                                 | TOWN MARSHFIELD | 1956 V                     | 1                     | 0                   | 20 T          | --                         | --                            | 1             | 6-56                  | U            | --             | --         | --           | D   | -  |
| NORWELL                 |                        |                                   |                 |                            |                       |                     |               |                            |                               |               |                       |              |                |            |              |     |    |
| B 2                     | 420738N0704804.1       | 76                                | MDPW            | 1960 V                     | 2                     | 0                   | 26 T          | --                         | --                            | 6             | 11-60                 | U            | --             | --         | --           | D   | -  |
| B 3                     | 420743N0704812.1       | 66                                | MDPW            | 1960 V                     | 2                     | 0                   | 20 T          | --                         | --                            | 0             | 11-60                 | U            | --             | --         | --           | D   | -  |
| B 4                     | 420823N0704930.1       | 56                                | MDPW            | 1960 V                     | 2                     | 0                   | 47 T          | --                         | --                            | 1             | 12-60                 | U            | --             | --         | --           | D   | -  |
| B 5                     | 420831N0704945.1       | 56                                | MDPW            | 1960 V                     | 2                     | 0                   | 42 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| B 6                     | 420843N0705006.1       | 94                                | MDPW            | 1960 V                     | 2                     | X                   | 14 T          | 6                          | --                            | 2             | 12-60                 | U            | --             | --         | --           | D   | -  |
| B 7                     | 420856N0705026.1       | 93                                | MDPW            | 1961 V                     | 2                     | 0                   | 12 T          | --                         | --                            | --            | --                    | U            | --             | --         | --           | D   | -  |
| B 8                     | 420746N0704813.1       | 68                                | MDPW            | 1960 V                     | 2                     | 0                   | 24 T          | --                         | --                            | 0             | 11-60                 | U            | --             | --         | --           | D   | -  |
| W 1                     | 421056N0705210.1       | 122                               | TOWN NORWELL    | 1961 C                     | 8                     | S                   | 45 W          | --                         | R                             | 3             | -61                   | P            | 300            | --         | --           | -   | M  |
| W 2                     | 421041N0705213.1       | 120                               | TOWN NORWELL    | 1964 C                     | 8                     | S                   | 25 W          | --                         | 3R                            | 4             | 7-64                  | P            | 180            | --         | --           | -   | M  |
| W 4                     | 420842N0704735.1       | 90                                | HALLORAN ROSE   | --                         | C                     | 6                   | X             | 285 W                      | 132                           | H             | --                    | --           | H              | 8          | --           | --  | -  |
| W 11                    | 420930N0705005.1       | 150                               | BANKS           | --                         | C                     | 6                   | X             | -- W                       | 60                            | --            | --                    | --           | H              | --         | --           | --  | -  |
| W 13                    | 420822N0704752.1       | 122                               | --              | --                         | D                     | --                  | --            | 36 W                       | --                            | S             | 21                    | 6-55         | H              | --         | --           | --  | -  |
| W 14                    | 421111N0705004.1       | 106                               | RICHARDS J D    | 1968 -                     | --                    | 6                   | X             | 595 W                      | 8                             | H             | --                    | --           | H              | 1          | --           | --  | -  |
| W 15                    | 420727N0704832.1       | 40                                | TOWN NORWELL    | 1953 W                     | 2                     | 0                   | 16 T          | --                         | G                             | --            | --                    | --           | U              | --         | --           | --  | D  |
| W 16                    | 420953N0705022.1       | 120                               | TOWN NORWELL    | 1954 W                     | 2                     | 0                   | 31 T          | --                         | 3R                            | 6             | 6-54                  | U            | --             | --         | --           | D   | -  |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER  | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE |                |            | LOG |              |     |
|-------------------------|------------------------|---------------------------------|----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|---------|----------------|------------|-----|--------------|-----|
|                         |                        |                                 |                |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE     | YIELD<br>(GPM) | DD<br>(FT) |     | TIME<br>(HR) |     |
|                         |                        |                                 |                |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |              |     |
| NORWELL --CONTINUED     |                        |                                 |                |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |              |     |
| W 18                    | 421105N0705150.1       | 120                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 29                         | T                             | --            | 2R                    | 2       | 4-62           | U          | --  | --           | 0   |
| W 19                    | 421103N0705147.1       | 123                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 28                         | T                             | --            | R                     | 3       | 4-62           | U          | 100 | --           | 2   |
| W 21                    | 421053N0705146.1       | 120                             | TOWN NORWELL   | 1962                       | W                     | 2                   | S             | 42                         | T                             | --            | R                     | 2       | 4-62           | U          | 20  | --           | 0   |
| W 23                    | 421103N0705141.1       | 130                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 39                         | T                             | --            | --                    | 5       | 4-62           | U          | --  | --           | 0   |
| W 24                    | 421103N0705156.1       | 119                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | 2       | 4-62           | U          | --  | --           | 0   |
| W 25                    | 420825N0704934.1       | 59                              | TOWN NORWELL   | 1953                       | W                     | 2                   | 0             | 51                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 26                    | 420830N0704931.1       | 60                              | TOWN NORWELL   | 1953                       | W                     | 2                   | S             | 42                         | T                             | --            | X                     | --      | --             | U          | 15  | --           | 0   |
| W 27                    | 420842N0704924.1       | 59                              | TOWN NORWELL   | 1953                       | W                     | 2                   | S             | 46                         | T                             | --            | 3S                    | 3       | 11-53          | U          | 45  | --           | 5   |
| W 29                    | 420845N0704926.1       | 60                              | TOWN NORWELL   | 1953                       | W                     | 2                   | 0             | 27                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 30                    | 420822N0704938.1       | 58                              | TOWN NORWELL   | 1953                       | W                     | 2                   | 0             | 58                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 31                    | 421042N0705118.1       | 145                             | TOWN NORWELL   | 1954                       | W                     | 2                   | 0             | 72                         | T                             | --            | --                    | 8       | 6-54           | U          | --  | --           | 0   |
| W 32                    | 421036N0705143.1       | 125                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | 5       | 10-62          | U          | --  | --           | 0   |
| W 34                    | 421058N0705142.1       | 122                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 29                         | T                             | --            | 7R                    | 1       | 10-62          | U          | 30  | --           | 0   |
| W 37                    | 421043N0705138.1       | 120                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 48                         | T                             | --            | 2R                    | 13      | 10-62          | U          | 75  | --           | 1   |
| W 40                    | 421042N0705201.1       | 135                             | TOWN NORWELL   | 1962                       | W                     | 2                   | 0             | 19                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 41                    | 420839N0704916.1       | 62                              | TOWN NORWELL   | 1954                       | W                     | 2                   | 0             | 34                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 43                    | 420806N0705004.1       | 65                              | TOWN NORWELL   | 1955                       | C                     | 8                   | S             | 70                         | W                             | --            | 4G                    | --      | --             | P          | 460 | 12           | 389 |
| W 44                    | 420807N0704948.1       | 61                              | TOWN NORWELL   | 1968                       | C                     | 12                  | S             | 43                         | U                             | --            | 3G                    | 5       | 7-69           | U          | 528 | 7            | 266 |
| W 46                    | 421045N0705120.1       | 49                              | TOWN NORWELL   | 1954                       | W                     | 2                   | 0             | 22                         | T                             | --            | --                    | 6       | 6-54           | U          | --  | --           | 0   |
| W 47                    | 421043N0705115.1       | 46                              | TOWN NORWELL   | 1954                       | W                     | 2                   | 0             | 30                         | T                             | --            | --                    | 7       | 6-54           | U          | --  | --           | 0   |
| W 48                    | 421025N0704944.1       | 120                             | TOWN NORWELL   | 1954                       | W                     | 2                   | 0             | 16                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 50                    | 420839N0704720.1       | 15                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 49                         | T                             | --            | --                    | 14      | 5-65           | U          | --  | --           | 0   |
| W 51                    | 420838N0704718.1       | 12                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 45                         | T                             | --            | 3R                    | 4       | 6-65           | U          | 50  | 5            | --  |
| W 52                    | 420835N0704719.1       | 11                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 35                         | T                             | --            | --                    | 7       | 6-65           | U          | --  | --           | 0   |
| W 53                    | 420841N0704720.1       | 15                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 50                         | T                             | --            | --                    | 9       | 6-65           | U          | --  | --           | 0   |
| W 54                    | 420834N0704713.1       | 9                               | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 36                         | T                             | --            | --                    | 1       | 6-65           | U          | --  | --           | 0   |
| W 55                    | 420847N0704716.1       | 10                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 28                         | T                             | --            | 2R                    | 7       | 6-65           | U          | --  | --           | 0   |
| W 56                    | 420850N0704717.1       | 15                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 35                         | T                             | --            | --                    | 13      | 6-65           | U          | --  | --           | 0   |
| W 57                    | 420704N0704646.1       | 25                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | 4       | 6-65           | U          | --  | --           | 0   |
| W 58                    | 420712N0704654.1       | 15                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 29                         | T                             | --            | --                    | 5       | 7-65           | U          | --  | --           | 0   |
| W 59                    | 420747N0704712.1       | 24                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 20                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 60                    | 420732N0704707.1       | 50                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 10                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 63                    | 420758N0704705.1       | 10                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 63                         | T                             | --            | --                    | 10      | 7-65           | U          | --  | --           | 0   |
| W 64                    | 420759N0704702.1       | 10                              | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 39                         | T                             | --            | --                    | 5       | 7-65           | U          | --  | --           | 0   |
| W 65                    | 421012N0705210.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 39                         | T                             | --            | 3R                    | 6       | 7-65           | U          | 100 | --           | 0   |
| W 67                    | 421007N0705203.1       | 135                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 68                    | 421011N0705208.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 28                         | T                             | --            | --                    | 1       | 8-65           | U          | --  | --           | 0   |
| W 69                    | 420957N0705203.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 43                         | T                             | --            | --                    | 3       | 8-65           | U          | --  | --           | 0   |
| W 70                    | 420956N0705158.1       | 139                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 39                         | T                             | --            | --                    | 4       | 8-65           | U          | --  | --           | 0   |
| W 73                    | 420955N0705203.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 42                         | T                             | --            | --                    | 5       | 9-65           | U          | --  | --           | 0   |
| W 74                    | 420952N0705203.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 32                         | T                             | --            | 2R                    | 6       | 9-65           | U          | --  | --           | 0   |
| W 75                    | 420959N0705148.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 23                         | T                             | --            | 2R                    | 3       | 9-65           | U          | --  | --           | 0   |
| W 79                    | 421017N0705139.1       | 130                             | TOWN NORWELL   | 1965                       | W                     | 2                   | 0             | 36                         | T                             | --            | 2R                    | 8       | 10-65          | U          | --  | --           | 0   |
| W 80                    | 420946N0705216.1       | 140                             | TOWN NORWELL   | 1966                       | -                     | 12                  | S             | 38                         | W                             | --            | 4G                    | 1       | 6-66           | P          | 400 | 15           | --  |
| W 81                    | 420948N0705206.1       | 140                             | TOWN NORWELL   | 1966                       | W                     | 2                   | S             | 38                         | T                             | --            | 3R                    | 5       | 10-66          | U          | 37  | 16           | 182 |
| W 82                    | 421011N0704945.1       | 109                             | TOWN NORWELL   | 1967                       | C                     | 8                   | S             | 39                         | U                             | --            | 3R                    | 3       | 10-67          | U          | 199 | 21           | 318 |
| W 83                    | 421041N0705211.1       | 125                             | TOWN NORWELL   | 1967                       | -                     | 12                  | S             | 42                         | W                             | 42            | 4G                    | 5       | 9-67           | P          | 300 | 9            | 46  |
| W 85                    | 420942N0705128.1       | 125                             | TOWN NORWELL   | 1956                       | W                     | 2                   | 0             | 32                         | T                             | --            | 2R                    | 2       | 8-56           | U          | 20  | --           | 0   |
| W 86                    | 420932N0705134.1       | 129                             | TOWN NORWELL   | 1956                       | W                     | 2                   | 0             | 29                         | T                             | --            | --                    | 4       | 8-56           | U          | --  | --           | 0   |
| W 88                    | 421049N0704644.1       | 78                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 24                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 89                    | 421052N0704642.1       | 79                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 17                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 90                    | 421033N0704614.1       | 70                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 32                         | T                             | --            | 2R                    | --      | --             | U          | --  | --           | 0   |
| W 93                    | 421051N0705222.1       | 118                             | TOWN NORWELL   | 1968                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 94                    | 421042N0705227.1       | 135                             | TOWN NORWELL   | 1968                       | W                     | 2                   | 0             | 29                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 95                    | 421037N0705220.1       | 129                             | TOWN NORWELL   | 1968                       | W                     | 2                   | 0             | 23                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 96                    | 420700N0704650.1       | 10                              | TOWN NORWELL   | 1962                       | C                     | 8                   | 0             | 51                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 97                    | 420944N0704816.1       | 95                              | TOWN NORWELL   | 1964                       | W                     | 2                   | 0             | 17                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 98                    | 420924N0705206.1       | 131                             | TOWN NORWELL   | 1966                       | W                     | 2                   | S             | 36                         | T                             | --            | R                     | 1       | 12-66          | U          | 248 | 12           | 311 |
| W 99                    | 421028N0705232.1       | 165                             | TOWN NORWELL   | 1964                       | W                     | 2                   | 0             | 24                         | T                             | --            | --                    | 5       | 10-64          | U          | --  | --           | 0   |
| W 101                   | 420805N0704935.1       | 60                              | TOWN NORWELL   | 1964                       | W                     | 2                   | 0             | 39                         | T                             | --            | HS                    | 7       | 10-64          | U          | 3   | --           | 0   |
| W 102                   | 420804N0704930.1       | 60                              | TOWN NORWELL   | 1964                       | W                     | 2                   | 0             | 41                         | T                             | --            | HS                    | 6       | 10-64          | U          | --  | --           | 0   |
| W 103                   | 420804N0704925.1       | 60                              | TOWN NORWELL   | 1964                       | W                     | 2                   | 0             | 68                         | T                             | --            | 2R                    | 8       | 10-64          | U          | 40  | --           | 0   |
| W 105                   | 420822N0704949.1       | 80                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 29                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 106                   | 420816N0704945.1       | 60                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 52                         | T                             | --            | 2R                    | --      | --             | U          | --  | --           | 0   |
| W 109                   | 420812N0704940.1       | 60                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 21                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 110                   | 420802N0704939.1       | 60                              | TOWN NORWELL   | 1966                       | W                     | 2                   | 0             | 75                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 112                   | 421034N0705018.1       | 115                             | TOWN NORWELL   | 1968                       | W                     | 2                   | 0             | 25                         | T                             | --            | --                    | 2       | 8-68           | U          | --  | --           | 0   |
| W 114                   | 420928N0705050.1       | 111                             | TOWN NORWELL   | 1968                       | W                     | 2                   | 0             | 13                         | T                             | --            | --                    | 2       | 9-68           | U          | --  | --           | 0   |
| W 116                   | 421055N0704922.1       | 123                             | TOWN NORWELL   | 1968                       | W                     | 2                   | 0             | 22                         | T                             | --            | --                    | --      | --             | U          | --  | --           | 0   |
| W 124                   | 420806N0704957.1       | 59                              | TOWN NORWELL   | 1954                       | W                     | 2                   | S             | 50                         | T                             | --            | 4R                    | 2       | 6-54           | U          | 130 | --           | 0   |
| W 126                   | 420835N0704922.1       | 69                              | TOWN NORWELL   | 1954                       | W                     | 2                   | S             | 35                         | T                             | --            | G                     | 4       | 7-54           | U          | 50  | 4            | 1   |
| W 130                   | 421131N0704954.1       | 130                             | ZOLLIN HENRY   | 1969                       | A                     | 6                   | X             | 250                        | W                             | 35            | H                     | --      | --             | H          | 4   | --           | --  |
| W 132                   | 421114N0704812.1       | 142                             | BURNHAM JOHN M | 1968                       | -                     | 6                   | X             | 425                        | W                             | 81            | H                     | --      | --             | H          | 0.8 | --           | --  |
| W 133                   | 421106N0704808.1       | 125                             | WARSHAW B      | 1969                       | -                     | 6                   | X             | 230                        | W                             | 78            | H                     | --      | --             | H          | 6   | --           | --  |
| W 134                   | 421110N0704805.1       | 140                             | JENKINS GORDON | 1965                       | -                     | 6                   | X             | 245                        | W                             | 85            | H                     | --      | --             | H          | 4   | --           | --  |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSO<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>TO BEARING<br>MATERIAL | WATER         |                       | PUMPAGE        |            |              | LOG QW |    |    |    |   |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|----------------------------------|---------------|-----------------------|----------------|------------|--------------|--------|----|----|----|---|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                                  | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | YIELD<br>(GPM) | DD<br>(FT) | TIME<br>(HR) |        |    |    |    |   |
| NORWELL --CONTINUED     |                        |                                 |                 |                            |                       |                     |               |                            |                                  |               |                       |                |            |              |        |    |    |    |   |
| W 135                   | 421108N0704811.1       | 136                             | ABBOTT MARSHALL | 1967                       | -                     | 6                   | X             | 530                        | W                                | 75            | H                     | --             | --         | H            | 2      | -- | -- | -  | - |
| W 136                   | 421116N0704856.1       | 100                             | YOUNG FRED E JR | 1963                       | C                     | 6                   | X             | 106                        | W                                | 6             | --                    | 12             | 7-63       | H            | 4      | 50 | 2  | -- | - |
| W 137                   | 421101N0704937.1       | 120                             | HENDERSON L JR  | 1965                       | -                     | 6                   | X             | 350                        | W                                | 25            | H                     | --             | --         | H            | 0.8    | -- | -- | -  | - |
| W 138                   | 421025N0704909.1       | 120                             | NORMAND JOHN    | 1953                       | C                     | 6                   | X             | 247                        | W                                | 22            | H                     | 15             | 10-53      | H            | 2      | -- | -- | -  | - |
| W 139                   | 421040N0704914.1       | 128                             | LEWIS CLAYTON   | 1967                       | -                     | 6                   | X             | 190                        | W                                | 60            | H                     | --             | --         | H            | 10     | -- | -- | -  | - |
| W 140                   | 421039N0704823.1       | 131                             | LARSON ROBERT A | 1965                       | -                     | 6                   | X             | 260                        | W                                | 75            | H                     | --             | --         | H            | 9      | -- | -- | -  | - |
| W 141                   | 421043N0704746.1       | 123                             | FULTON LESTER F | 1951                       | C                     | 6                   | X             | 265                        | W                                | 88            | H                     | 47             | 11-61      | H            | 3      | -- | -- | -  | - |
| W 142                   | 421031N0704801.1       | 135                             | LEONARD EMERY N | 1949                       | C                     | 6                   | S             | 110                        | W                                | --            | --                    | 54             | 7-49       | H            | 12     | -- | -- | -  | - |
| W 145                   | 421053N0704718.1       | 101                             | CAUSER H P      | 1950                       | C                     | 6                   | X             | 140                        | W                                | 52            | H                     | 29             | 11-50      | H            | 2      | -- | -- | -  | - |
| W 146                   | 421054N0704716.1       | 98                              | ASCI PAUL       | 1964                       | C                     | 6                   | X             | 220                        | W                                | 94            | H                     | 25             | 8-64       | H            | 30     | -- | -- | -  | - |
| W 147                   | 421057N0704639.1       | 95                              | DAWSON JOHN     | 1957                       | C                     | 6                   | X             | 136                        | W                                | 47            | --                    | --             | --         | H            | 4      | -- | -- | -  | - |
| W 148                   | 421018N0704612.1       | 70                              | DUNTON LEWIS    | 1969                       | A                     | 6                   | X             | 170                        | W                                | 75            | H                     | 20             | 10-69      | H            | 4      | -- | -- | -  | - |
| W 149                   | 420954N0705018.1       | 119                             | TOWN NORWELL    | 1954                       | W                     | 2                   | O             | 27                         | T                                | --            | --                    | 3              | 6-54       | U            | --     | -- | -- | D  | - |
| W 150                   | 421007N0704642.1       | 73                              | DELANO R F      | 1965                       | -                     | 6                   | X             | 215                        | W                                | 55            | H                     | --             | --         | H            | 12     | -- | -- | -  | - |
| W 151                   | 421005N0704637.1       | 82                              | JOSEPH GEORGE   | 1962                       | C                     | 6                   | X             | 430                        | W                                | 65            | H                     | 33             | 11-62      | H            | 1      | -- | -- | -  | - |
| W 152                   | 421002N0704654.1       | 65                              | BATES R E       | 1954                       | C                     | 6                   | X             | 150                        | W                                | 78            | H                     | 34             | 7-54       | H            | 2      | -- | -- | -  | - |
| W 153                   | 420951N0704604.1       | 22                              | ARNOLD MARIAN   | --                         | -                     | 6                   | X             | 135                        | W                                | 43            | --                    | --             | --         | H            | 7      | -- | -- | -  | - |
| W 154                   | 420953N0704538.1       | 28                              | SULLIVAN JOHN E | 1956                       | C                     | 6                   | X             | 104                        | W                                | 47            | --                    | 8              | 1-56       | H            | --     | -- | -- | -  | - |
| W 155                   | 420948N0704703.1       | 49                              | BRIGGS WALTER   | 1962                       | C                     | 6                   | X             | 160                        | W                                | 12            | H                     | --             | --         | H            | 2      | -- | -- | -  | - |
| W 156                   | 420941N0704802.1       | 85                              | HANSON EDWIN R  | 1946                       | C                     | 6                   | X             | 88                         | W                                | 39            | H                     | 6              | 3-46       | H            | 5      | -- | -- | -  | - |
| W 158                   | 420940N0704744.1       | 72                              | STATE POLICE    | 1951                       | C                     | 6                   | X             | 159                        | W                                | 37            | H                     | 18             | 6-51       | H            | 10     | -- | -- | 8  | P |
| W 159                   | 420948N0704822.1       | 105                             | WHITING G C     | 1950                       | C                     | 6                   | X             | 172                        | W                                | 72            | H                     | 21             | 7-50       | H            | 7      | -- | -- | -  | - |
| W 160                   | 420917N0704810.1       | 105                             | SULLIVAN W J    | 1966                       | -                     | 6                   | X             | 470                        | W                                | 48            | H                     | --             | --         | H            | 1      | -- | -- | -  | - |
| W 161                   | 420918N0704859.1       | 120                             | FULLERTON W E   | 1962                       | C                     | 6                   | X             | 350                        | W                                | 85            | H                     | 40             | 7-62       | H            | 1      | -- | -- | -  | - |
| W 162                   | 420915N0704758.1       | 145                             | MAYO WALTER L   | 1954                       | C                     | 6                   | X             | 180                        | W                                | 90            | H                     | 72             | 11-54      | H            | 5      | -- | -- | -  | - |
| W 163                   | 420919N0704748.1       | 103                             | LIDELL JOHN     | 1952                       | C                     | 6                   | X             | 71                         | W                                | 18            | H                     | 18             | 12-52      | H            | 6      | -- | -- | -  | - |
| W 164                   | 420916N0704735.1       | 70                              | ROUBOUND G N    | 1947                       | C                     | 6                   | X             | 65                         | W                                | 34            | H                     | 24             | 10-47      | H            | 4      | -- | -- | -  | - |
| W 165                   | 420900N0704728.1       | 109                             | MUTHER WALTER P | 1941                       | C                     | 6                   | X             | 145                        | W                                | --            | H                     | --             | --         | H            | 10     | -- | -- | -  | - |
| W 166                   | 420852N0704822.1       | 116                             | MITCHELL ALEC H | 1964                       | C                     | 6                   | X             | 125                        | W                                | 60            | H                     | --             | --         | H            | 5      | -- | -- | -  | - |
| W 167                   | 420852N0704833.1       | 120                             | MAYERS D D JR   | 1963                       | C                     | 6                   | X             | 160                        | W                                | 52            | --                    | 30             | 9-63       | H            | 2      | -- | -- | -  | - |
| W 168                   | 420851N0704934.1       | 80                              | PAULDING R G    | 1966                       | -                     | 6                   | X             | 350                        | W                                | 5             | H                     | --             | --         | H            | 4      | -- | -- | -  | - |
| W 169                   | 420916N0704835.1       | 75                              | SLAUGHTER ALEX  | 1969                       | A                     | 6                   | X             | 125                        | W                                | 75            | H                     | 6              | 10-69      | H            | 12     | -- | -- | -  | - |
| W 171                   | 421056N0704938.1       | 151                             | ALLEN RICHARD S | 1963                       | C                     | 6                   | X             | 126                        | W                                | 68            | H                     | 56             | 8-63       | H            | 4      | -- | -- | -  | - |
| W 172                   | 421054N0704934.1       | 143                             | WRIGHT R JR     | 1969                       | A                     | 6                   | X             | 730                        | W                                | 86            | H                     | 95             | 9-69       | H            | 0.8    | -- | -- | -  | - |
| W 173                   | 421009N0704938.1       | 110                             | COPUS J E       | 1968                       | -                     | 6                   | X             | 275                        | W                                | 45            | H                     | --             | --         | H            | 7      | -- | -- | -  | - |
| W 174                   | 421007N0705043.1       | 162                             | DONOVAN JOHN J  | 1953                       | C                     | 6                   | S             | 89                         | W                                | --            | --                    | 46             | 6-53       | H            | 6      | -- | -- | -  | - |
| W 175                   | 421006N0705046.1       | 171                             | RANDALL JOHN    | 1957                       | C                     | 6                   | X             | 94                         | W                                | --            | --                    | 45             | 7-57       | H            | 10     | -- | -- | -  | - |
| W 176                   | 421026N0705103.1       | 150                             | SCAMMELL DAVID  | 1968                       | -                     | 6                   | X             | 360                        | W                                | 70            | H                     | --             | --         | H            | 0.5    | -- | -- | -  | - |
| W 177                   | 421040N0705014.1       | 119                             | MAY D H         | 1946                       | C                     | 6                   | X             | 63                         | W                                | 46            | H                     | 24             | 8-46       | H            | 25     | -- | -- | -  | - |
| W 178                   | 421040N0705003.1       | 108                             | PERRY MANUS     | 1953                       | C                     | 6                   | X             | 135                        | W                                | 18            | H                     | 5              | 1-53       | H            | 2      | -- | -- | -  | - |
| W 179                   | 421059N0705129.1       | 150                             | PILALAS MIKE    | 1966                       | -                     | 6                   | X             | 170                        | W                                | 90            | H                     | --             | --         | H            | 20     | -- | -- | -  | - |
| W 180                   | 421007N0705243.1       | 190                             | JONES ASHLEY B  | 1966                       | -                     | 6                   | X             | 245                        | W                                | 27            | H                     | --             | --         | H            | 20     | -- | -- | -  | - |
| W 181                   | 420803N0704748.1       | 102                             | TOLMAN RUTH H   | 1952                       | C                     | 6                   | X             | 150                        | W                                | 69            | H                     | 31             | 9-52       | H            | 10     | -- | -- | -  | - |
| W 182                   | 420744N0704821.1       | 90                              | HARROLD R G     | 1963                       | C                     | 6                   | X             | 163                        | W                                | 36            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 183                   | 420737N0704820.1       | 75                              | LEONARD MILTON  | 1954                       | C                     | 6                   | X             | 51                         | W                                | 30            | H                     | --             | --         | H            | 15     | -- | -- | -  | - |
| W 184                   | 420718N0704740.1       | 70                              | GRIFFITHS W J   | 1958                       | C                     | 6                   | X             | 108                        | W                                | 29            | H                     | 12             | 2-58       | H            | 4      | -- | -- | -  | - |
| W 185                   | 420849N0704937.1       | 70                              | MCKAY GEORGE C  | 1950                       | C                     | 6                   | X             | 80                         | W                                | 11            | H                     | 3              | 12-50      | H            | 7      | -- | -- | -  | - |
| W 186                   | 420717N0704816.1       | 60                              | RICHARDS S      | 1956                       | C                     | 6                   | X             | 152                        | W                                | 47            | H                     | 25             | 8-56       | H            | 10     | -- | -- | -  | - |
| W 187                   | 420954N0704542.1       | 28                              | CLARIDGE        | --                         | C                     | 6                   | X             | 147                        | W                                | 58            | H                     | --             | --         | H            | 4      | -- | -- | -  | - |
| W 188                   | 420956N0704541.1       | 28                              | MCCANN          | --                         | C                     | 6                   | X             | 150                        | W                                | --            | H                     | --             | --         | H            | 8      | -- | -- | -  | - |
| W 189                   | 420955N0704537.1       | 26                              | HIGGINS         | --                         | C                     | 6                   | X             | 121                        | W                                | 56            | --                    | --             | --         | H            | 7      | -- | -- | -  | - |
| W 190                   | 420902N0704850.1       | 72                              | DONOVAN DORIS   | 1955                       | C                     | 6                   | X             | 70                         | W                                | 21            | --                    | --             | --         | H            | 4      | -- | -- | -  | - |
| W 191                   | 421041N0704915.1       | 130                             | GOULD           | 1962                       | -                     | 6                   | X             | 140                        | W                                | 90            | H                     | --             | --         | H            | 30     | -- | -- | -  | - |
| W 192                   | 421038N0704903.1       | 126                             | GOULD JOSEPH    | 1963                       | C                     | 6                   | X             | 230                        | W                                | 95            | H                     | --             | --         | H            | 4      | -- | -- | -  | - |
| W 193                   | 421040N0705001.1       | 107                             | PERRY MANUS     | 1949                       | V                     | 2                   | T             | 21                         | W                                | --            | --                    | 4              | 5-49       | H            | 5      | -- | -- | -  | - |
| W 194                   | 420848N0704937.1       | 80                              | FOULSHAM ROBERT | 1958                       | C                     | 6                   | X             | 192                        | W                                | 22            | H                     | --             | --         | H            | --     | -- | -- | D  | - |
| W 196                   | 420715N0704814.1       | 52                              | BATTLES CARROLL | 1954                       | C                     | 6                   | X             | 138                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 197                   | 420654N0704750.1       | 68                              | WHITE A D       | 1965                       | C                     | 6                   | X             | 197                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 198                   | 421025N0705309.1       | 161                             | JENKINS M R     | 1957                       | C                     | 6                   | S             | 45                         | W                                | --            | U                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 199                   | 421032N0705116.1       | 145                             | ASSMUS RICHARD  | 1956                       | C                     | 6                   | X             | 122                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 200                   | 421036N0705109.1       | 151                             | MCCARVELL JOHN  | 1955                       | C                     | 6                   | S             | 68                         | W                                | --            | U                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 201                   | 421032N0705104.1       | 142                             | DRAHEIM JOHN P  | 1956                       | C                     | 6                   | X             | 146                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 202                   | 421038N0705055.1       | 160                             | DOMIT SOPHIA    | 1955                       | C                     | 6                   | X             | 146                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 203                   | 421040N0705034.1       | 131                             | HANSON PERCY    | 1952                       | C                     | 6                   | X             | 100                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 204                   | 421043N0705033.1       | 145                             | TRIBOU RALPH    | 1952                       | C                     | 6                   | S             | 45                         | W                                | --            | U                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 205                   | 421101N0704942.1       | 110                             | FORSLUND H      | 1951                       | C                     | 6                   | X             | 60                         | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 206                   | 420956N0704935.1       | 151                             | WEBB ROBT       | 1963                       | C                     | 6                   | X             | 166                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 207                   | 420953N0704929.1       | 132                             | GOULD JOSEPH    | 1960                       | C                     | 6                   | X             | 97                         | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | D  | - |
| W 209                   | 420932N0704953.1       | 118                             | CARR JOHN       | 1951                       | C                     | 6                   | X             | 148                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 210                   | 420917N0704853.1       | 80                              | DANGELO ALBERT  | 1960                       | C                     | 6                   | X             | 92                         | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 211                   | 420851N0704844.1       | 70                              | MCARDELL E      | 1955                       | C                     | 6                   | X             | 95                         | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 212                   | 420824N0704822.1       | 118                             | WILLIS H B      | 1951                       | C                     | 6                   | X             | 110                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 213                   | 420814N0704810.1       | 150                             | GARRETT RAYMOND | 1960                       | C                     | 6                   | X             | 182                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 214                   | 420743N0704754.1       | 97                              | RICHARDSON E T  | 1957                       | C                     | 6                   | X             | 132                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |
| W 215                   | 420754N0704752.1       | 105                             | WELLER MAYNARD  | 1956                       | C                     | 6                   | X             | 194                        | W                                | --            | H                     | --             | --         | H            | --     | -- | -- | -  | - |



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUD-<br>E OF LSO<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |                     | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER               |               |         | PUMPAGE        |            |              | LOG |
|-------------------------|------------------------|-----------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------------|----------------------------|-------------------------------|---------------------|---------------|---------|----------------|------------|--------------|-----|
|                         |                        |                                   |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH-<br> <br>(FT) |                            |                               | LEVEL-<br> <br>(FT) | DATE<br>TURED | USE<br> | YIELD<br>(GPM) | DD<br>(FT) | TIME<br>(HR) |     |
| NORWELL --CONTINUED     |                        |                                   |                 |                            |                       |                     |                     |                            |                               |                     |               |         |                |            |              |     |
| W 216                   | 420805N0704748.1       | 103                               | FITZGERALD S    | 1955 C                     | 6                     | X                   | 195                 | -                          | H                             | --                  | --            | --      | --             | --         | --           | -   |
| W 217                   | 420811N0704746.1       | 95                                | DALY GORDON     | 1955 C                     | 6                     | X                   | 215                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 218                   | 420839N0704736.1       | 80                                | CUGNASCA R      | 1952 C                     | 6                     | X                   | 147                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 219                   | 420902N0704734.1       | 101                               | LAWRENCE S      | 1958 C                     | 6                     | S                   | 116                 | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 220                   | 420859N0704756.1       | 152                               | COLBERT ANDREW  | 1960 C                     | 6                     | X                   | 205                 | -                          | H                             | --                  | --            | --      | --             | --         | --           | -   |
| W 221                   | 420926N0704744.1       | 72                                | LOVELL TED      | 1952 C                     | 6                     | X                   | 142                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 223                   | 420942N0704749.1       | 82                                | BURNHAM JOHN    | 1962 C                     | 6                     | X                   | 135                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 224                   | 420943N0704847.1       | 150                               | PARADISE F      | 1954 C                     | 6                     | X                   | 127                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 225                   | 421003N0704853.1       | 139                               | HAGAR CARL      | 1951 C                     | 6                     | X                   | 233                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 226                   | 421022N0704905.1       | 128                               | BANKS DUNCAN    | 1955 C                     | 6                     | X                   | 211                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 227                   | 421029N0704834.1       | 125                               | LOHNS LESTER    | 1951 C                     | 6                     | X                   | 96                  | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 228                   | 421047N0704831.1       | 160                               | FORSUND H       | 1958 C                     | 6                     | X                   | 94                  | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 229                   | 421040N0704823.1       | 128                               | REED WALTER     | 1955 C                     | 6                     | X                   | 272                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 230                   | 421027N0704809.1       | 102                               | SABANS EARL     | 1953 C                     | 6                     | X                   | 155                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 231                   | 421035N0704801.1       | 130                               | ILMONEN BRUNO   | 1954 C                     | 6                     | X                   | 180                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 232                   | 421135N0704838.1       | 150                               | BROWN HARRY     | 1952 C                     | 6                     | X                   | 228                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 233                   | 421130N0704823.1       | 145                               | SORENSEN PAUL   | 1958 C                     | 6                     | X                   | 112                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 234                   | 421115N0704809.1       | 142                               | SHAW WARREN     | 1953 C                     | 6                     | S                   | 88                  | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 235                   | 421111N0704809.1       | 142                               | NOBLE ROGER     | 1963 C                     | 6                     | X                   | 143                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 236                   | 421115N0704813.1       | 143                               | MCKENSIE D L    | 1960 C                     | 6                     | X                   | 165                 | -                          | H                             | --                  | --            | --      | --             | --         | --           | -   |
| W 237                   | 421109N0704809.1       | 141                               | DOLAN JAMES     | 1956 C                     | 6                     | X                   | 145                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 238                   | 421113N0704806.1       | 125                               | POIRIER A       | 1963 C                     | 6                     | X                   | 85                  | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 239                   | 421045N0704741.1       | 100                               | SMITH ROBERT    | 1956 C                     | 6                     | S                   | 65                  | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 240                   | 421042N0704743.1       | 114                               | MERRITT HARRY   | 1960 C                     | 6                     | S                   | 53                  | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 241                   | 421056N0704704.1       | 100                               | SCUDDER W       | 1960 C                     | 6                     | X                   | 126                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 242                   | 421042N0704708.2       | 124                               | LARSEN ROBERT   | 1955 C                     | 6                     | X                   | 182                 | W                          | --                            | --                  | --            | --      | H              | --         | --           | -   |
| W 243                   | 421040N0704706.1       | 120                               | MINER GEORGE    | 1955 C                     | 6                     | X                   | 147                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 244                   | 421022N0704715.1       | 78                                | CUMMINGS G      | 1960 C                     | 6                     | X                   | 150                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 245                   | 421034N0704634.1       | 110                               | JOSEPH E ARNOLD | 1962 C                     | 6                     | X                   | 103                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 246                   | 421031N0704535.1       | 129                               | JOSEPH PHILLIP  | 1958 C                     | 6                     | S                   | 105                 | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 247                   | 421027N0704637.1       | 115                               | SHANNON FRANK   | 1960 C                     | 6                     | S                   | 88                  | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 248                   | 421032N0704708.1       | 110                               | LOWE DONALD     | 1958 C                     | 6                     | X                   | 147                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 249                   | 421028N0704716.1       | 92                                | SPERRY DOUGLAS  | 1960 C                     | 6                     | X                   | 119                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 250                   | 421021N0704645.1       | 108                               | CARCHIA ROBERT  | 1953 C                     | 6                     | S                   | 69                  | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 251                   | 421017N0704652.1       | 97                                | DEXTER JOAN     | 1963 C                     | 6                     | X                   | 154                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 252                   | 421013N0704653.1       | 92                                | BURNS RALPH     | 1955 C                     | 6                     | X                   | 130                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 253                   | 420958N0704632.1       | 55                                | JOSEPH SPENCER  | 1952 C                     | 6                     | X                   | 140                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 254                   | 420952N0704623.1       | 43                                | WILEY RICHARD   | 1963 C                     | 6                     | X                   | 105                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 255                   | 420951N0704621.1       | 40                                | WILEY RICHARD   | 1963 C                     | 6                     | X                   | 135                 | -                          | H                             | --                  | --            | --      | --             | --         | --           | -   |
| W 256                   | 420956N0704604.1       | 22                                | SMITH REGINALD  | 1951 C                     | 6                     | X                   | 135                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 257                   | 420956N0704555.1       | 50                                | GOULD JOSEPH    | 1962 C                     | 6                     | X                   | 150                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 258                   | 420937N0704644.1       | 41                                | HIGGINS ROBERT  | 1952 C                     | 6                     | X                   | 178                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 259                   | 420942N0704731.1       | 65                                | MACFARLANE F    | 1952 C                     | 6                     | S                   | 103                 | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 260                   | 420942N0704732.1       | 68                                | MACFARLANE F    | 1951 C                     | 6                     | X                   | 121                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 261                   | 421002N0704706.1       | 78                                | MILLIKEN GEORGE | 1958 C                     | 6                     | S                   | 110                 | W                          | --                            | U                   | --            | --      | H              | --         | --           | -   |
| W 262                   | 420950N0704733.1       | 45                                | HASKINS ERNEST  | 1955 C                     | 6                     | X                   | 135                 | W                          | --                            | H                   | --            | --      | H              | --         | --           | -   |
| W 267                   | 421138N0705029.1       | 120                               | WAMPATUCK ST PK | -- D                       | 24                    | W                   | 19                  | U                          | --                            | --                  | 16            | 10-70   | U              | --         | --           | -   |
| W 268                   | 420819N0705001.1       | 85                                | TOWN NORWELL    | 1960 C                     | 8                     | O                   | 39                  | T                          | 39                            | --                  | --            | --      | U              | --         | --           | -   |
| W 269                   | 420952N0705056.1       | 125                               | TOWN NORWELL    | 1968 W                     | 2                     | P                   | 22                  | T                          | --                            | --                  | 2             | 8-68    | U              | --         | --           | -   |
| W 275                   | 420944N0705046.1       | 131                               | TOWN NORWELL    | -- B                       | 4                     | -                   | 80                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 276                   | 420952N0705243.1       | 188                               | THIBODEAU A J   | -- D                       | --                    | W                   | 35                  | W                          | --                            | --                  | --            | --      | I              | --         | --           | -   |
| W 277                   | 420945N0705253.1       | 165                               | TOWN NORWELL    | -- B                       | 4                     | -                   | 13                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 278                   | 420846N0705000.1       | 102                               | TOWN NORWELL    | 1954 W                     | 2                     | P                   | 24                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 279                   | 420919N0705238.1       | 132                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 23                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 280                   | 420920N0705236.1       | 132                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 25                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 281                   | 420948N0705134.1       | 128                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 23                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 282                   | 420950N0705130.1       | 125                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 22                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 283                   | 420921N0705217.1       | 133                               | TOWN NORWELL    | -- W                       | 2                     | P                   | 35                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 286                   | 420925N0705203.1       | 140                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 40                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 287                   | 420951N0705127.1       | 120                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 31                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 288                   | 421001N0705218.1       | 135                               | TOWN NORWELL    | 1966 W                     | 2                     | P                   | 10                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 289                   | 420704N0704702.1       | 10                                | TOWN NORWELL    | 1963 W                     | 2                     | P                   | 41                  | T                          | --                            | --                  | 4             | 1-63    | U              | --         | --           | -   |
| W 290                   | 421032N0704655.1       | 68                                | TOWN NORWELL    | 1959 W                     | 2                     | P                   | 29                  | T                          | --                            | --                  | 4             | 11-59   | U              | --         | --           | -   |
| W 291                   | 421000N0705256.1       | 160                               | TOWN NORWELL    | 1959 W                     | 2                     | P                   | 21                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 294                   | 420936N0701610.1       | 20                                | TOWN NORWELL    | 1959 W                     | 2                     | P                   | 15                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 295                   | 420740N0704851.1       | 50                                | TOWN NORWELL    | 1957 W                     | 2                     | P                   | 32                  | T                          | --                            | --                  | 0             | 7-57    | U              | --         | --           | -   |
| W 296                   | 420821N0705006.1       | 70                                | TOWN NORWELL    | 1957 W                     | 2                     | P                   | 25                  | T                          | --                            | --                  | 11            | 7-57    | U              | --         | --           | -   |
| W 298                   | 420824N0704950.1       | 70                                | TOWN NORWELL    | 1957 W                     | 2                     | P                   | 37                  | T                          | --                            | --                  | 17            | 6-57    | U              | --         | --           | -   |
| W 299                   | 420942N0705048.1       | 120                               | TOWN NORWELL    | 1956 W                     | 2                     | P                   | 34                  | T                          | --                            | --                  | 5             | 8-56    | U              | --         | --           | -   |
| W 300                   | 420916N0704922.1       | 88                                | TOWN NORWELL    | 1955 W                     | 2                     | P                   | 20                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 301                   | 421045N0705157.1       | 125                               | TOWN NORWELL    | 1968 W                     | 2                     | P                   | 39                  | T                          | --                            | --                  | 7             | 7-68    | U              | --         | --           | -   |
| W 303                   | 421046N0705204.1       | 125                               | TOWN NORWELL    | 1968 W                     | 2                     | P                   | 36                  | T                          | --                            | --                  | 4             | 8-68    | U              | --         | --           | -   |
| W 305                   | 420949N0704902.1       | 108                               | TOWN NORWELL    | 1956 W                     | 2                     | P                   | 51                  | T                          | --                            | --                  | 4             | 10-56   | U              | --         | --           | -   |
| W 308                   | 420904N0704855.1       | 70                                | TOWN NORWELL    | 1953 W                     | 2                     | P                   | 50                  | T                          | --                            | --                  | --            | --      | U              | --         | --           | -   |
| W 309                   | 421053N0705110.1       | 132                               | TOWN NORWELL    | 1962 W                     | 2                     | P                   | 62                  | T                          | --                            | --                  | 10            | 9-62    | U              | --         | --           | -   |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUD-<br>E OF<br>LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER |               | PUMPAGE               |       |                | LOG | QW |            |              |    |
|-------------------------|------------------------|--------------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|-------|---------------|-----------------------|-------|----------------|-----|----|------------|--------------|----|
|                         |                        |                                      |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(FT) | DEPTH<br>(FT) |                            |                               | USE   | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE   | YIELD<br>(GPM) |     |    | DD<br>(FT) | TIME<br>(HR) |    |
| NORWELL --CONTINUED     |                        |                                      |                 |                            |                       |                     |               |                            |                               |       |               |                       |       |                |     |    |            |              |    |
| W 314                   | 420952N0705122.1       | 125                                  | TOWN NORWELL    | 1956                       | W                     | 2                   | P             | 29                         | T                             | --    | --            | --                    | U     | --             | --  | D  | --         |              |    |
| W 316                   | 421056N0705210.2       | 122                                  | TOWN NORWELL    | 1960                       | C                     | 8                   | S             | 50                         | T                             | --    | R             | 4                     | 1-60  | U              | 182 | 9  | 3          | D            | -- |
| W 317                   | 420924N0704845.1       | 83                                   | TOWN NORWELL    | 1960                       | C                     | 8                   | S             | 40                         | T                             | --    | G             | --                    | --    | U              | --  | -- | D          | --           |    |
| W 318                   | 420828N0705000.1       | 135                                  | TOWN NORWELL    | 1960                       | C                     | 8                   | 0             | 80                         | T                             | 71    | --            | --                    | --    | U              | --  | -- | D          | --           |    |
| W 322                   | 421012N0704951.1       | 119                                  | TOWN NORWELL    | 1967                       | W                     | 2                   | P             | 36                         | T                             | --    | --            | 6                     | 8-67  | U              | --  | -- | D          | --           |    |
| W 323                   | 421009N0704945.1       | 109                                  | TOWN NORWELL    | 1967                       | W                     | 2                   | P             | 38                         | T                             | --    | --            | 3                     | 8-67  | U              | --  | -- | D          | --           |    |
| PEMBROKE                |                        |                                      |                 |                            |                       |                     |               |                            |                               |       |               |                       |       |                |     |    |            |              |    |
| A 3                     | 420222N0704907.1       | 115                                  | US GEOL SURVEY  | 1957                       | B                     | --                  | --            | 87                         | T                             | --    | --            | 60                    | 8-57  | U              | --  | -- | G          | --           |    |
| A 4                     | 420220N0704853.1       | 60                                   | US GEOL SURVEY  | 1957                       | B                     | --                  | --            | 64                         | T                             | --    | --            | 20                    | 8-57  | U              | --  | -- | G          | --           |    |
| A 5                     | 420209N0704749.1       | 115                                  | US GEOL SURVEY  | 1957                       | B                     | --                  | --            | 39                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 6                     | 420208N0704749.1       | 111                                  | US GEOL SURVEY  | 1957                       | B                     | --                  | --            | 29                         | T                             | --    | --            | 15                    | 8-57  | U              | --  | -- | G          | --           |    |
| A 7                     | 420210N0704730.1       | 117                                  | US GEOL SURVEY  | 1957                       | B                     | --                  | --            | 19                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 9                     | 420210N0704604.1       | 92                                   | US GEOL SURVEY  | 1957                       | B                     | --                  | --            | 11                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 10                    | 420522N0704523.1       | 53                                   | US GEOL SURVEY  | 1958                       | B                     | 4                   | --            | 29                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 11                    | 420302N0704708.1       | 120                                  | US GEOL SURVEY  | 1957                       | B                     | 4                   | --            | 23                         | T                             | --    | --            | 16                    | 9-57  | U              | --  | -- | G          | --           |    |
| A 13                    | 420534N0704700.1       | 35                                   | US GEOL SURVEY  | 1957                       | B                     | 4                   | --            | 60                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 15                    | 420516N0704938.1       | 115                                  | US GEOL SURVEY  | 1958                       | B                     | 4                   | --            | 30                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 16                    | 420305N0705023.1       | 76                                   | US GEOL SURVEY  | 1958                       | B                     | 4                   | --            | 25                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 17                    | 420600N0704759.1       | 64                                   | US GEOL SURVEY  | 1958                       | B                     | 4                   | --            | 43                         | T                             | --    | --            | 18                    | 9-58  | U              | --  | -- | G          | --           |    |
| A 18                    | 420551N0704608.1       | 115                                  | US GEOL SURVEY  | 1958                       | B                     | 4                   | --            | 32                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| A 19                    | 420400N0704900.1       | 108                                  | US GEOL SURVEY  | 1958                       | B                     | 4                   | --            | 35                         | T                             | --    | --            | --                    | --    | U              | --  | -- | G          | --           |    |
| B 1                     | 420625N0704831.1       | -2                                   | MDPW            | 1930                       | V                     | 1                   | 0             | 21                         | T                             | --    | --            | --                    | --    | U              | --  | -- | D          | --           |    |
| B 2                     | 420615N0704735.1       | 3                                    | MDPW            | 1936                       | V                     | 1                   | 0             | 64                         | T                             | --    | --            | --                    | --    | U              | --  | -- | D          | --           |    |
| B 3                     | 420656N0704644.1       | -1                                   | MDPW            | 1960                       | V                     | 1                   | 0             | 76                         | T                             | --    | --            | --                    | --    | U              | --  | -- | D          | --           |    |
| B 4                     | 420629N0704602.1       | 111                                  | MDPW            | 1960                       | V                     | 1                   | 0             | 62                         | T                             | --    | --            | 4                     | 11-60 | U              | --  | -- | D          | --           |    |
| W 2                     | 420558N0704934.1       | 20                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 17                         | T                             | --    | 7R            | 12                    | 5-54  | U              | --  | -- | D          | --           |    |
| W 4                     | 420559N0704929.1       | 20                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 17                         | T                             | --    | --            | 12                    | 5-54  | U              | --  | -- | D          | --           |    |
| W 6                     | 420645N0704632.1       | 20                                   | THORPE R L      | 1966                       | A                     | 6                   | X             | 165                        | W                             | 84    | --            | 48                    | 8-66  | H              | 7   | -- | --         | --           |    |
| W 7                     | 420412N0704825.1       | 35                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 56                         | T                             | --    | 7R            | --                    | --    | U              | --  | -- | D          | --           |    |
| W 8                     | 420523N0704543.1       | 100                                  | LYNCH JOHN F    | 1965                       | C                     | 6                   | X             | 215                        | W                             | 112   | --            | --                    | --    | H              | 20  | -- | --         | --           |    |
| W 9                     | 420407N0704826.1       | 40                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 41                         | T                             | --    | R             | --                    | --    | U              | --  | -- | D          | --           |    |
| W 10                    | 420404N0704823.1       | 32                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 52                         | T                             | --    | HR            | 0                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 11                    | 420409N0704810.1       | 32                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 47                         | T                             | --    | 7R            | 3                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 12                    | 420237N0704706.1       | 122                                  | DAMON LESLIE    | 1965                       | W                     | 1                   | T             | 40                         | W                             | --    | G             | 23                    | 3-65  | H              | 10  | -- | 3          | --           |    |
| W 14                    | 420215N0704856.1       | 50                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 36                         | T                             | --    | BR            | 0                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 15                    | 420222N0704845.1       | 59                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 50                         | T                             | --    | R             | 0                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 16                    | 420344N0704807.1       | 38                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 26                         | T                             | --    | 7R            | --                    | --    | U              | --  | -- | D          | --           |    |
| W 17                    | 420318N0704845.1       | 60                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 75                         | T                             | --    | BR            | 2                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 18                    | 420228N0704838.1       | 60                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 52                         | T                             | --    | R             | --                    | --    | U              | --  | -- | D          | --           |    |
| W 19                    | 420319N0704855.1       | 60                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 48                         | T                             | --    | --            | --                    | --    | U              | --  | -- | D          | --           |    |
| W 20                    | 420557N0704712.1       | 10                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 50                         | T                             | --    | --            | --                    | --    | U              | --  | -- | D          | --           |    |
| W 21                    | 420620N0704721.1       | 15                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 29                         | T                             | --    | R             | --                    | --    | U              | --  | -- | D          | --           |    |
| W 22                    | 420527N0704724.1       | 20                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 38                         | T                             | --    | R             | --                    | --    | U              | --  | -- | D          | --           |    |
| W 23                    | 420518N0704648.1       | 25                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 15                         | T                             | --    | R             | 0                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 26                    | 420242N0704630.1       | 112                                  | HENRICH L       | 1964                       | V                     | 1                   | T             | 18                         | W                             | --    | S             | 7                     | 7-64  | H              | 10  | 6  | 2          | --           |    |
| W 31                    | 420233N0705006.1       | 80                                   | GOODINE         | 1965                       | V                     | 1                   | T             | 18                         | W                             | --    | S             | 13                    | 3-65  | H              | 30  | -- | 2          | --           |    |
| W 33                    | 420438N0704800.1       | 10                                   | TOWN PEMBROKE   | 1954                       | W                     | 2                   | 0             | 32                         | T                             | --    | --            | 0                     | 5-54  | U              | --  | -- | D          | --           |    |
| W 35                    | 420256N0705051.1       | 72                                   | SMITH HELEN     | 1955                       | C                     | 6                   | X             | 75                         | W                             | 30    | --            | 4                     | 4-55  | H              | 7   | -- | --         | --           |    |
| W 37                    | 420256N0704936.1       | 81                                   | CONNORS MICHAEL | 1965                       | --                    | 6                   | X             | 100                        | W                             | --    | --            | 20                    | 9-65  | H              | 6   | -- | --         | --           |    |
| W 39                    | 420302N0705003.1       | 60                                   | ABING-ROCK W BD | 1953                       | W                     | 2                   | 0             | 43                         | T                             | --    | 4R            | 2                     | -53   | U              | 40  | -- | --         | D            | -- |
| W 40                    | 420301N0704928.1       | 80                                   | FAUSEL WALTER A | 1967                       | V                     | 2                   | T             | 50                         | W                             | --    | S             | 36                    | 8-67  | H              | 10  | -- | 2          | --           |    |
| W 41                    | 420315N0704842.1       | 60                                   | TOWN PEMBROKE   | 1956                       | D                     | 14                  | G             | 63                         | W                             | --    | 3R            | 6                     | 4-57  | P              | 530 | 26 | 384        | D            | M  |
| W 44                    | 420259N0704923.1       | 68                                   | GRAY VALERIE    | 1965                       | V                     | 1                   | T             | 24                         | W                             | --    | S             | 14                    | 3-65  | H              | 30  | -- | 1          | --           |    |
| W 45                    | 420311N0704911.1       | 85                                   | COOK LOUIS      | 1963                       | V                     | 1                   | T             | 16                         | W                             | --    | G             | 10                    | 10-63 | H              | 4   | -- | 3          | --           |    |
| W 47                    | 420316N0704941.1       | 61                                   | ANDERSON G      | 1964                       | V                     | 1                   | T             | 50                         | W                             | --    | S             | 6                     | 7-64  | H              | 30  | -- | 2          | D            | -- |
| W 49                    | 420355N0704949.1       | 65                                   | OHARA JANET     | 1964                       | V                     | 1                   | T             | 15                         | W                             | --    | S             | 5                     | 7-64  | H              | 27  | -- | 2          | --           |    |
| W 50                    | 420412N0704958.1       | 64                                   | MCMORROW FRANK  | 1966                       | --                    | 6                   | X             | 110                        | W                             | 25    | --            | --                    | --    | H              | 20  | -- | --         | --           |    |
| W 52                    | 420400N0704639.1       | 58                                   | TIBBETTS R B    | 1966                       | A                     | 6                   | X             | 375                        | W                             | 14    | --            | 10                    | 3-66  | H              | 2   | -- | --         | --           |    |
| W 53                    | 420229N0704806.1       | 124                                  | HAYWOOD GORDON  | 1966                       | D                     | 30                  | 0             | 40                         | W                             | --    | G             | 36                    | 5-66  | H              | 50  | 2  | 5          | --           |    |
| W 55                    | 420126N0704756.1       | 92                                   | CARROLL E C     | --                         | D                     | 24                  | --            | 20                         | W                             | --    | --            | 19                    | 6-57  | H              | --  | -- | --         | --           |    |
| W 59                    | 420149N0704806.1       | 107                                  | WILLIAMS D      | 1949                       | C                     | 4                   | X             | 225                        | W                             | --    | --            | --                    | --    | H              | --  | -- | --         | --           |    |
| W 60                    | 420206N0704805.1       | 113                                  | COTTY PAUL      | --                         | C                     | 4                   | X             | 98                         | W                             | --    | --            | --                    | --    | P              | --  | -- | --         | --           |    |
| W 67                    | 420204N0704802.1       | 114                                  | MAKI D          | 1953                       | C                     | 6                   | X             | 131                        | W                             | 18    | --            | 21                    | 8-54  | H              | 2   | -- | --         | --           |    |
| W 68                    | 420206N0704801.1       | 114                                  | GABRIEL J       | 1954                       | C                     | 4                   | X             | 160                        | W                             | --    | --            | --                    | --    | H              | --  | -- | --         | --           |    |
| W 83                    | 420237N0704644.1       | 111                                  | SMITH R         | 1953                       | V                     | 1                   | T             | 23                         | W                             | --    | --            | 20                    | 6-57  | H              | --  | -- | --         | --           |    |
| W 95                    | 420140N0704614.1       | 92                                   | MITCHELL W      | 1953                       | C                     | 6                   | X             | 98                         | W                             | --    | --            | --                    | --    | H              | --  | -- | --         | --           |    |
| W 99                    | 420222N0704804.1       | 122                                  | CHAMBERS R      | 1956                       | C                     | 6                   | X             | 151                        | W                             | --    | --            | --                    | --    | H              | --  | -- | --         | --           |    |
| W 103                   | 420317N0704835.1       | 85                                   | VERRY L A       | 1952                       | C                     | 6                   | S             | 68                         | W                             | 68    | U             | 39                    | 6-57  | S              | 18  | -- | --         | --           |    |
| W 132                   | 420444N0704751.1       | 30                                   | MERRILL F H     | 1900                       | D                     | --                  | 0             | 25                         | 0                             | --    | --            | 8                     | 6-57  | U              | 133 | 17 | A          | --           |    |
| W 145                   | 420358N0704653.1       | 98                                   | JOBLING E       | 1953                       | C                     | 6                   | X             | 100                        | W                             | 30    | --            | --                    | --    | H              | 4   | -- | --         | --           |    |
| W 170                   | 420500N0704606.1       | 80                                   | MILLER H C      | --                         | D                     | --                  | --            | 56                         | U                             | --    | --            | 42                    | 7-57  | U              | --  | -- | --         | --           |    |
| W 175                   | 420529N0704731.1       | 27                                   | SCANLON W       | --                         | D                     | --                  | 0             | 14                         | 0                             | --    | --            | 9                     | 7-57  | U              | --  | -- | --         | --           |    |
| W 185                   | 420634N0704553.1       | 89                                   | BACKUS F I      | 1947                       | B                     | 3                   | --            | 42                         | U                             | --    | --            | 6                     | -47   | U              | --  | -- | --         | --           |    |
| W 197                   | 420518N0704746.1       | 37                                   | LOW CAROLYN     | --                         | C                     | 6                   | X             | 132                        | W                             | --    | --            | --                    | --    | H              | --  | -- | --         | --           |    |
| W 198                   | 420621N0704748.1       | 50                                   | FLYNN BASIL     | --                         | --                    | 4                   | S             | 80                         | W                             | --    | --            | --                    | --    | H              | --  | -- | --         | --           |    |
| W 202                   | 420603N0704803.1       | 66                                   | ARNOLD F        | --                         | D                     | --                  | 0             | 17                         | 0                             | --    | --            | 11                    | 7-57  | U              | --  | -- | --         | --           |    |
| W 203                   | 420608N0704808.1       | 85                                   | SIMMONS E       | --                         | D                     | 36                  | --            | 46                         | U                             | --    | --            | 26                    | 7-57  | U              | --  | -- | --         | --           |    |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE |                |            | LOG |              |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|---------|----------------|------------|-----|--------------|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE     | YIELD<br>(GPM) | DD<br>(FT) |     | TIME<br>(HR) |
| PEMBROKE --CONTINUED    |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |              |
| W 215                   | 420633N0704820.1       | 21                              | HOLMES W G      | -- D                       | --                    | --                  | 17 U          | --                         | --                            | 10            | 7-57                  | U       | --             | --         | --  | -            |
| W 217                   | 420155N0704702.1       | 112                             |                 | -- D                       | 30                    | W                   | 12 O          | --                         | --                            | 11            | 11-57                 | U       | --             | --         | --  | -            |
| W 219                   | 420406N0704619.1       | 101                             |                 | -- D                       | 36                    | W                   | 19 O          | --                         | --                            | 18            | 12-57                 | U       | --             | --         | --  | -            |
| W 220                   | 420346N0704752.1       | 75                              | ASH ABRAHAM     | -- D                       | 36                    | --                  | 40 U          | --                         | --                            | 39            | 12-57                 | U       | --             | --         | --  | -            |
| W 237                   | 420247N0705030.1       | 99                              | RAND B C        | -- D                       | 15                    | O                   | 32 U          | --                         | --                            | 21            | 3-58                  | U       | --             | --         | --  | -            |
| W 239                   | 420443N0704927.1       | 25                              | GRILLI F        | -- D                       | 30                    | W                   | 15 O          | --                         | --                            | 6             | 5-58                  | U       | --             | --         | --  | -            |
| W 240                   | 420233N0704908.1       | 65                              | TOWN PEMBROKE   | 1962                       | --                    | 18                  | G             | 107 W                      | --                            | 4R            | 11                    | 8-62    | P              | 618        | 16  | 480 D        |
| W 241                   | 420413N0704931.1       | 55                              | TOWN PEMBROKE   | 1958                       | W                     | 2                   | O             | 92 T                       | --                            | 4S            | --                    | --      | U              | 40         | --  | O            |
| W 262                   | 420409N0704638.1       | 71                              | OLSON J         | 1949                       | C                     | 6                   | X             | 73 W                       | 15                            | --            | 9                     | 6-49    | H              | 7          | --  | -            |
| W 277                   | 420259N0704822.1       | 70                              | US GEOL SURVEY  | 1958                       | C                     | 2                   | O             | 120 T                      | 110                           | --            | 22                    | 7-58    | U              | 13         | --  | G            |
| W 279                   | 420422N0704924.1       | 45                              | US GEOL SURVEY  | 1958                       | W                     | 2                   | --            | 72 T                       | 70                            | --            | 18                    | 8-58    | U              | 1          | --  | G            |
| W 284                   | 420140N0704908.1       | 60                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 112 T                      | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 285                   | 420320N0705002.1       | 60                              | ABING-ROCK W BD | 1945                       | --                    | 24                  | G             | 77 W                       | --                            | 3R            | 4                     | -45     | P              | 1050       | 25  | O            |
| W 286                   | 420319N0705001.2       | 60                              | ABING-ROCK W BD | 1956                       | C                     | 8                   | S             | 72 W                       | --                            | R             | 1                     | 6-56    | P              | 300        | 20  | O            |
| W 290                   | 420322N0705002.1       | 60                              | ABING-ROCK W BD | 1967                       | W                     | 2                   | O             | 85 T                       | --                            | S             | --                    | --      | U              | --         | --  | O            |
| W 292                   | 420647N0704659.1       | 5                               | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 71 T                       | --                            | 3R            | 3                     | 10-62   | U              | 75         | --  | O            |
| W 293                   | 420642N0704655.1       | 10                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 78 T                       | --                            | 2R            | 6                     | 10-62   | U              | --         | --  | O            |
| W 294                   | 420641N0704650.1       | 20                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | S             | 43 T                       | --                            | 7R            | 5                     | 10-62   | U              | 15         | --  | O            |
| W 295                   | 420644N0704638.1       | 20                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 26 T                       | --                            | 3R            | 2                     | 10-62   | U              | --         | --  | O            |
| W 296                   | 420616N0704728.1       | 5                               | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 70 T                       | --                            | 9X            | 6                     | 10-62   | U              | --         | --  | O            |
| W 297                   | 420608N0704724.1       | 10                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 43 T                       | --                            | 2R            | 2                     | 10-62   | U              | 50         | --  | O            |
| W 298                   | 420602N0704728.1       | 10                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 17 T                       | --                            | 7R            | 4                     | 9-62    | U              | --         | --  | O            |
| W 299                   | 420505N0705022.1       | 80                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 37 T                       | --                            | 2R            | 5                     | 10-62   | U              | --         | --  | O            |
| W 300                   | 420320N0705039.1       | 75                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 20 T                       | --                            | --            | 10                    | 9-62    | U              | --         | --  | O            |
| W 301                   | 420304N0705048.1       | 75                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 17 T                       | --                            | 2R            | 2                     | 9-62    | U              | --         | --  | O            |
| W 307                   | 420134N0704612.1       | 80                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 54 T                       | --                            | 2R            | 3                     | 9-62    | U              | 100        | 3   | O            |
| W 308                   | 420125N0704615.1       | 80                              | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 91 T                       | --                            | 2R            | 8                     | 9-62    | U              | --         | --  | O            |
| W 309                   | 420227N0704610.1       | 100                             | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 19 T                       | --                            | --            | 9                     | 9-62    | U              | --         | --  | O            |
| W 310                   | 420230N0704604.1       | 105                             | TOWN PEMBROKE   | 1962                       | W                     | 2                   | O             | 32 T                       | --                            | 3R            | 6                     | 9-62    | U              | --         | --  | O            |
| W 311                   | 420251N0704902.1       | 60                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 108 T                      | --                            | 3S            | 6                     | 9-65    | U              | --         | --  | O            |
| W 312                   | 420253N0704853.1       | 60                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 123 T                      | --                            | R             | 6                     | 9-65    | U              | 75         | --  | O            |
| W 313                   | 420259N0704845.1       | 70                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 65 T                       | --                            | R             | 4                     | 9-65    | U              | 75         | --  | O            |
| W 314                   | 420232N0704839.1       | 60                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 67 T                       | --                            | R             | 3                     | 10-65   | U              | 50         | --  | O            |
| W 315                   | 420205N0704820.1       | 100                             | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 15 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 316                   | 420223N0704900.1       | 70                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 66 T                       | --                            | R             | 9                     | 9-65    | U              | 65         | --  | O            |
| W 317                   | 420306N0704838.1       | 80                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 80 T                       | --                            | 9S            | --                    | --      | U              | 65         | --  | O            |
| W 318                   | 420302N0704840.1       | 75                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 75 T                       | --                            | 9S            | 10                    | 10-65   | U              | 75         | --  | O            |
| W 319                   | 420249N0704930.1       | 80                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 71 T                       | --                            | 9S            | 6                     | 10-65   | U              | 60         | --  | O            |
| W 320                   | 420245N0704929.1       | 75                              | TOWN PEMBROKE   | 1965                       | W                     | 2                   | O             | 53 T                       | --                            | --            | 10                    | 10-65   | U              | --         | --  | O            |
| W 321                   | 420321N0704817.1       | 60                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | O             | 55 T                       | --                            | --            | 6                     | 6-66    | U              | --         | --  | O            |
| W 322                   | 420230N0704940.1       | 69                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | O             | 70 T                       | --                            | --            | 18                    | 7-66    | U              | --         | --  | O            |
| W 323                   | 420227N0704854.1       | 60                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | O             | 65 T                       | --                            | --            | 5                     | 7-66    | U              | --         | --  | O            |
| W 326                   | 420312N0704904.1       | 65                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | O             | 50 T                       | --                            | --            | 6                     | 7-66    | U              | --         | --  | O            |
| W 327                   | 420219N0704840.1       | 68                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | O             | 45 T                       | --                            | 9S            | 6                     | 7-66    | U              | 60         | --  | O            |
| W 329                   | 420217N0704903.1       | 55                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | O             | 50 T                       | --                            | --            | 4                     | 7-66    | U              | --         | --  | O            |
| W 331                   | 420217N0704903.3       | 75                              | TOWN PEMBROKE   | 1966                       | W                     | 2                   | --            | 60 T                       | --                            | 4R            | 4                     | 7-66    | U              | 100        | 4   | O            |
| W 332                   | 420300N0704859.1       | 70                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 68 T                       | --                            | 3R            | 2                     | 8-67    | U              | 12         | --  | O            |
| W 333                   | 420343N0704842.1       | 88                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 15 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 334                   | 420326N0704845.1       | 65                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 52 T                       | --                            | --            | 1                     | 8-67    | U              | --         | --  | O            |
| W 335                   | 420242N0704830.1       | 75                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 73 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 336                   | 420344N0704915.1       | 79                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 48 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 337                   | 420420N0705013.1       | 65                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 18 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 338                   | 420354N0704937.1       | 68                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 80 T                       | --                            | --            | 2                     | 10-67   | U              | --         | --  | O            |
| W 340                   | 420633N0704719.1       | 5                               | CENT PLYM CO WD | 1967                       | W                     | 2                   | O             | 58 T                       | --                            | --            | 0                     | 11-67   | U              | --         | --  | O            |
| W 341                   | 420411N0704950.1       | 71                              | RICHARDS HAROLD | 1952                       | C                     | 6                   | X             | 96 W                       | --                            | --            | --                    | --      | H              | --         | --  | -            |
| W 342                   | 420612N0704704.1       | 27                              | RANKIN RALPH    | 1952                       | C                     | 6                   | X             | 88 W                       | --                            | --            | --                    | --      | H              | --         | --  | -            |
| W 343                   | 420552N0704626.1       | 82                              | FULLER ALLAN    | 1957                       | C                     | 6                   | X             | 132 W                      | --                            | --            | --                    | --      | H              | --         | --  | -            |
| W 344                   | 420358N0704622.1       | 110                             | NEAGLE R J      | 1957                       | C                     | 6                   | X             | 100 W                      | --                            | --            | --                    | --      | H              | --         | --  | -            |
| W 345                   | 420422N0704955.1       | 80                              | BRAUER JOSEPH   | 1954                       | C                     | 6                   | X             | 100 W                      | --                            | --            | --                    | --      | H              | --         | --  | -            |
| X 2                     | 420305N0704902.2       | 70                              | BROCKTON CITY   | 1964                       | W                     | 2                   | O             | 42 T                       | --                            | --            | 8                     | 7-64    | U              | --         | --  | O            |
| X 8                     | 420245N0704852.1       | 60                              | BROCKTON CITY   | 1964                       | W                     | 2                   | O             | 34 T                       | --                            | --            | 2                     | 8-64    | U              | --         | --  | O            |
| X 10                    | 420242N0704852.1       | 56                              | BROCKTON CITY   | 1964                       | W                     | 2                   | O             | 45 T                       | --                            | --            | 3                     | 7-64    | U              | --         | --  | O            |
| PLYMOUTH                |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |              |
| W 107                   | 420012N0703603.1       | 20                              | US COAST GUARD  | -- D                       | --                    | --                  | 80 W          | --                         | --                            | --            | --                    | H       | --             | --         | --  | P            |
| W 148                   | 420010N0703607.1       | 35                              | LOWELL AUSTIN W | 1960                       | W                     | 2                   | S             | 65 W                       | --                            | 6S            | 20                    | 6-60    | H              | 5          | --  | O            |
| PLYMPTON                |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |         |                |            |     |              |
| W 34                    | 415734N0704646.1       | 128                             | MALLOMO DOMINIC | 1965                       | A                     | 6                   | X             | 160 W                      | 100                           | --            | 26                    | 9-65    | H              | 6          | --  | -            |
| W 35                    | 415744N0704619.1       | 148                             | BOCASH DONALD   | 1763                       | A                     | 6                   | S             | 147 W                      | --                            | G             | 37                    | 8-63    | H              | 9          | --  | -            |
| W 53                    | 415851N0704758.2       | 59                              | TOWN PLYMPTON   | 1967                       | W                     | 2                   | P             | 28 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 54                    | 415918N0704737.1       | 57                              | TOWN PLYMPTON   | 1967                       | W                     | 2                   | O             | 29 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 55                    | 415921N0704737.1       | 50                              | TOWN PLYMPTON   | 1967                       | W                     | 2                   | O             | 22 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 56                    | 415901N0704736.1       | 82                              | TOWN PLYMPTON   | 1967                       | W                     | 2                   | O             | 33 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 67                    | 415734N0704615.1       | 146                             | PILGRIM SAND CO | -- V                       | 2                     | T                   | 30 W          | --                         | 4S                            | --            | --                    | --      | H              | --         | --  | O            |
| W 77                    | 415723N0704714.1       | 105                             | CENT PLYM CO WD | 1967                       | W                     | 2                   | P             | 50 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 79                    | 415826N0704743.1       | 69                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | P             | 17 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |
| W 80                    | 415749N0704737.1       | 83                              | CENT PLYM CO WD | 1967                       | W                     | 2                   | P             | 72 T                       | --                            | --            | --                    | --      | U              | --         | --  | O            |



TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE      |                |            | LOG | QW |              |    |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|--------------|----------------|------------|-----|----|--------------|----|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(IN) | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE<br>(GPM) | YIELD<br>(GPM) | DD<br>(FT) |     |    | TIME<br>(HR) |    |
| PLYMPTON --CONTINUED    |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |              |                |            |     |    |              |    |
| W 93                    | 415733N0704650.1       | 121                             | GRAY            | -- V                       | --                    | T                   | 24            | W                          | --                            | --            | --                    | H            | --             | --         | --  | -- | --           |    |
| W 95                    | 415916N0704806.1       | 50                              | ANGELL          | -- C                       | 6                     | X                   | 125           | W                          | 25                            | --            | 20                    | H            | --             | --         | --  | -- | --           |    |
| W 98                    | 415829N0704758.1       | 75                              |                 | --                         | 6                     | X                   | 110           | W                          | 25                            | F             | --                    | H            | 10             | --         | --  | -- | --           |    |
| W 101                   | 415747N0704620.1       | 151                             | GAULEY RICHARD  | 1960 C                     | 6                     | S                   | 77            | W                          | --                            | --            | --                    | H            | 15             | --         | --  | -- | --           |    |
| W 104                   | 415824N0704807.1       | 70                              | BARROW LUMBER   | --                         | --                    | X                   | 38            | W                          | --                            | H             | --                    | H            | 1              | --         | --  | -- | --           |    |
| W 107                   | 415935N0704820.1       | 81                              | SCHOLZ GUNTHER  | -- C                       | 6                     | X                   | 113           | W                          | --                            | --            | --                    | H            | 6              | --         | --  | -- | --           |    |
| W 108                   | 415958N0704819.1       | 87                              | PARKER MARIAN   | 1957 C                     | 6                     | X                   | 125           | W                          | 20                            | --            | --                    | H            | 3              | --         | --  | -- | --           |    |
| X 2                     | 420026N0704824.1       | 83                              | CITY BROCKTON   | 1964 W                     | 2                     | O                   | 26            | T                          | --                            | --            | 16                    | 8-64         | U              | --         | --  | D  | --           |    |
| ROCKLAND                |                        |                                 |                 |                            |                       |                     |               |                            |                               |               |                       |              |                |            |     |    |              |    |
| A 2                     | 420653N0705351.1       | 80                              | US GEOL SURVEY  | 1958 B                     | 4                     | --                  | 25            | T                          | --                            | --            | --                    | U            | --             | --         | --  | G  | --           |    |
| W 1                     | 420651N0705324.1       | 79                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 38            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 2                     | 420650N0705325.1       | 79                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 45            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 6                     | 420729N0705354.1       | 90                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 46            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 9                     | 420735N0705352.1       | 89                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 51            | T                          | --                            | R             | --                    | U            | 50             | --         | --  | O  | --           |    |
| W 12                    | 420735N0705411.2       | 99                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 40            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 13                    | 420737N0705407.1       | 100                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 46            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 14                    | 420734N0705405.1       | 99                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 50            | T                          | --                            | 9S            | --                    | U            | 20             | --         | --  | O  | --           |    |
| W 17                    | 420749N0705343.3       | 91                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 38            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 22                    | 420934N0705327.1       | 141                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 37            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 24                    | 420927N0705341.1       | 140                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 24            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 26                    | 420931N0705351.1       | 139                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 34            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 27                    | 420938N0705346.1       | 138                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 57            | T                          | --                            | 9S            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 28                    | 420958N0705327.1       | 150                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 26            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 33                    | 420953N0705332.1       | 138                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 34            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 34                    | 420941N0705335.1       | 140                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 49            | T                          | --                            | --            | --                    | U            | 18             | --         | --  | O  | --           |    |
| W 35                    | 420935N0705408.1       | 138                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 34            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 36                    | 420921N0705404.1       | 140                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 49            | T                          | --                            | 2R            | 3                     | 9-53         | U              | 25         | --  | O  | --           |    |
| W 38                    | 420919N0705358.1       | 130                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 46            | T                          | --                            | 9S            | 2                     | 9-53         | U              | 35         | --  | O  | --           |    |
| W 41                    | 420920N0705413.2       | 139                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 38            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 42                    | 420808N0705607.1       | 129                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 18            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 45                    | 420904N0705423.1       | 130                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 23            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 47                    | 420754N0705414.1       | 108                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 20            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 48                    | 420750N0705418.1       | 102                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 27            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 49                    | 420800N0705404.1       | 120                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 21            | T                          | --                            | --            | 2                     | 9-53         | U              | --         | --  | O  | --           |    |
| W 51                    | 420807N0705403.1       | 119                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 23            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 53                    | 420745N0705401.1       | 90                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 32            | T                          | 21                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 55                    | 420759N0705357.1       | 105                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 20            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 56                    | 420755N0705355.1       | 98                              | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 26            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 57                    | 420719N0705537.1       | 109                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 59            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 58                    | 420724N0705550.1       | 120                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 48            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 60                    | 420727N0705540.1       | 115                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 34            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 61                    | 420717N0705533.1       | 104                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 19            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 65                    | 420732N0705549.1       | 126                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 23            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 67                    | 420746N0705607.1       | 117                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 24            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 68                    | 420744N0705547.1       | 139                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 22            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 73                    | 420712N0705553.1       | 110                             | ABING-ROCK W BD | 1953 W                     | 2                     | O                   | 24            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 74                    | 420602N0705408.1       | 108                             | C.BABBITT FOODS | 1957 C                     | 8                     | X                   | 230           | U                          | 30                            | --            | 15                    | 10-57        | U              | 130        | 8   | 24 | --           |    |
| W 76                    | 420737N0705347.1       | 99                              | ABING-ROCK W BD | 1963 W                     | 2                     | O                   | 36            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 77                    | 420732N0705353.1       | 90                              | ABING-ROCK W BD | 1963 W                     | 2                     | O                   | 126           | T                          | 53                            | R             | --                    | U            | 3              | --         | --  | O  | --           |    |
| W 78                    | 420728N0705356.1       | 90                              | ABING-ROCK W BD | 1965 --                    | 24                    | G                   | 44            | W                          | --                            | 4G            | 5                     | 7-65         | P              | 600        | 20  | -- | O            | M  |
| W 79                    | 420726N0705335.1       | 90                              | ABING-ROCK W BD | 1966 W                     | 2                     | O                   | 33            | T                          | --                            | 4R            | --                    | U            | 45             | 2          | 6   | 0  | P            |    |
| W 80                    | 420727N0705346.1       | 90                              | ABING-ROCK W BD | 1966 W                     | 2                     | O                   | 35            | T                          | --                            | R             | 2                     | --           | U              | 40         | --  | -- | O            | -- |
| W 84                    | 420645N0705345.1       | 79                              | ABING-ROCK W BD | 1965 W                     | 2                     | O                   | 110           | T                          | 50                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 85                    | 420648N0705510.1       | 104                             | ABING-ROCK W BD | -- W                       | 2                     | O                   | 16            | T                          | 16                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 86                    | 420737N0705424.1       | 109                             | ABING-ROCK W BD | -- W                       | 2                     | O                   | 21            | T                          | --                            | HR            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 87                    | 420946N0705407.1       | 148                             | ABING-ROCK W BD | -- W                       | 2                     | O                   | 21            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 88                    | 420921N0705406.1       | 135                             | ABING-ROCK W BD | -- W                       | 2                     | O                   | 54            | T                          | --                            | R             | --                    | U            | 10             | --         | --  | O  | P            |    |
| W 90                    | 420717N0705351.1       | 90                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 16            | T                          | --                            | BR            | --                    | U            | 40             | --         | --  | O  | --           |    |
| W 91                    | 420730N0705352.1       | 99                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 50            | T                          | --                            | G             | --                    | U            | --             | --         | --  | O  | --           |    |
| W 92                    | 420717N0705341.1       | 88                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 50            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 93                    | 420641N0705327.1       | 69                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 20            | T                          | 20                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 94                    | 420634N0705335.1       | 69                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 50            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 95                    | 420629N0705343.1       | 79                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 45            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 96                    | 420624N0705352.1       | 77                              | ABING-ROCK W BD | -- W                       | 2                     | O                   | 30            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 98                    | 420818N0705436.1       | 127                             | GILLIS DONALD A | 1967 --                    | 6                     | X                   | 130           | W                          | 23                            | --            | --                    | H            | 25             | --         | --  | -- | --           |    |
| W 99                    | 420725N0705429.1       | 102                             | TEDESCHIS MKT   | 1954 C                     | 8                     | S                   | 40            | W                          | --                            | G             | 4                     | 2-54         | A              | 60         | 22  | 8  | --           |    |
| W 100                   | 420517N0705359.1       | 90                              | MCCARTHY A      | 1969 --                    | 6                     | X                   | 177           | W                          | 100                           | --            | 28                    | 7-69         | H              | 8          | --  | -- | --           |    |
| W 101                   | 420722N0705518.1       | 110                             | PROGRESSIVE ENG | 1961 C                     | 6                     | X                   | 580           | W                          | 15                            | --            | 10                    | 7-61         | H              | 8          | --  | -- | O            | -- |
| W 102                   | 420556N0705407.1       | 116                             | C.BABBITT FOODS | 1959 C                     | 8                     | X                   | 400           | W                          | 45                            | --            | 46                    | 10-59        | C              | 120        | --  | -- | --           |    |
| W 103                   | 420858N0705600.1       | 152                             | NAV AIR STATION | 1966 B                     | 4                     | X                   | 30            | T                          | 20                            | --            | 3                     | 3-66         | U              | --         | --  | -- | O            | -- |
| W 104                   | 420645N0705346.1       | 79                              | ABING-ROCK W BD | 1953 C                     | 8                     | S                   | 40            | T                          | --                            | G             | 3                     | 12-53        | U              | 275        | 17  | 30 | O            | P  |
| W 106                   | 420825N0705413.1       | 142                             | ABING-ROCK W BD | 1967 W                     | 2                     | O                   | 25            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| W 109                   | 420722N0705338.1       | 93                              | ABING-ROCK W BD | 1965 W                     | 2                     | O                   | 26            | T                          | --                            | --            | --                    | U            | --             | --         | --  | O  | --           |    |
| X 12                    | 420933N0705445.1       | 169                             | NAV AIR STATION | 1956 V                     | 1                     | O                   | 15            | T                          | --                            | --            | 6                     | 7-56         | U              | --         | --  | -- | O            | -- |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSO<br>(FT) | OWNER OR USER  | YEAR/<br>METHOD<br>DRILLED | WELL          |             |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE |                |            | LOG |              |
|-------------------------|------------------------|---------------------------------|----------------|----------------------------|---------------|-------------|---------------|----------------------------|-------------------------------|---------------|-----------------------|---------|----------------|------------|-----|--------------|
|                         |                        |                                 |                |                            | DIAM-<br>(IN) | FIN-<br>ISH | DEPTH<br>(FT) |                            |                               | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE     | YIELD<br>(GPM) | DO<br>(FT) |     | TIME<br>(HR) |
| SCITUATE                |                        |                                 |                |                            |               |             |               |                            |                               |               |                       |         |                |            |     |              |
| B 1                     | 420816N0704137.1       | -3                              | MDPW           | 1941                       | V             | 1           | O             | 45                         | T                             | --            | --                    | --      | U              | --         | --  | D -          |
| B 2                     | 421318N0704642.1       | -1                              | MDPW           | 1947                       | V             | 1           | O             | 29                         | T                             | --            | --                    | --      | U              | --         | --  | D -          |
| B 3                     | 421331N0704628.1       | -1                              | MDPW           | 1947                       | -             | 1           | -             | 20                         | T                             | --            | --                    | --      | U              | --         | --  | D -          |
| B 4                     | 420754N0704117.1       | -2                              | MDPW           | 1942                       | V             | 1           | O             | 48                         | T                             | --            | --                    | --      | U              | --         | --  | D -          |
| B 5                     | 421034N0704452.1       | 1                               | MDPW           | 1961                       | V             | 1           | O             | 26                         | T                             | --            | --                    | --      | U              | --         | --  | D -          |
| W 1                     | 421217N0704438.1       |                                 | U S ARMY       | 1916                       | V             | 2           | -             | 32                         | T                             | 32            | 4S                    | F       | -16            | U          | 7   | -            |
| W 2                     | 421156N0704434.1       | 30                              | TOWN SCITUATE  | 1893                       | D             | 204         | -             | 20                         | W                             | --            | R                     | F       | -93            | P          | 42  | -            |
| W 3                     | 421153N0704418.1       | 28                              | TOWN SCITUATE  | --                         | V             | 2           | S             | 47                         | W                             | --            | --                    | F       | --             | P          | --  | -            |
| W 4                     | 421044N0704323.1       | 5                               | TOWN SCITUATE  | 1935                       | -             | 16          | G             | 62                         | U                             | --            | IR                    | 2       | 7-35           | P          | 138 | 28           |
| W 9                     | 421020N0704518.1       | 9                               | TOWN SCITUATE  | 1930                       | -             | 18          | G             | 60                         | U                             | --            | G                     | --      | --             | P          | 153 | 58           |
| W 10                    | 421014N0704521.1       | 10                              | TOWN SCITUATE  | 1931                       | -             | 18          | G             | 119                        | W                             | 138           | 4S                    | F       | -31            | P          | 153 | 40           |
| W 11                    | 421018N0704525.1       | 10                              | TOWN SCITUATE  | 1931                       | -             | 18          | G             | 70                         | W                             | 70            | 4R                    | --      | --             | P          | 185 | 55           |
| W 12                    | 421305N0704718.1       | 18                              | TOWN SCITUATE  | 1932                       | -             | 16          | S             | 30                         | U                             | --            | 4G                    | 0       | 11-32          | P          | 212 | 10           |
| W 17                    | 421115N0704609.1       | 47                              | TOWN SCITUATE  | 1944                       | -             | 24          | G             | 72                         | W                             | --            | 4G                    | 2       | 2-44           | P          | 344 | 19           |
| W 18                    | 421039N0704356.1       | 28                              | TOWN SCITUATE  | 1949                       | -             | 24          | G             | 49                         | U                             | --            | 4G                    | 5       | 9-49           | P          | 347 | 23           |
| W 19                    | 421039N0704356.2       | 28                              | TOWN SCITUATE  | 1956                       | -             | 12          | G             | 50                         | W                             | 51            | 9S                    | 1       | 5-56           | P          | 425 | 26           |
| W 21                    | 421209N0704406.1       | 27                              | TOWN SCITUATE  | 1954                       | W             | 2           | O             | 67                         | T                             | --            | 3S                    | --      | --             | U          | --  | -            |
| W 25                    | 421119N0704656.1       | 69                              | TOWN SCITUATE  | 1954                       | W             | 2           | O             | 28                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 26                    | 421124N0704656.1       | 65                              | TOWN SCITUATE  | 1954                       | W             | 2           | O             | 28                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 27                    | 421139N0704608.1       | 60                              | TOWN SCITUATE  | 1954                       | W             | 2           | O             | 86                         | T                             | 86            | --                    | --      | --             | U          | --  | -            |
| W 29                    | 421142N0704611.1       | 57                              | TOWN SCITUATE  | 1955                       | -             | 18          | G             | 73                         | W                             | --            | 4R                    | 4       | 4-55           | P          | 500 | 51           |
| W 30                    | 421151N0704841.1       | 100                             | TOWN SCITUATE  | --                         | V             | 4           | -             | 27                         | U                             | --            | G                     | --      | --             | P          | 155 | --           |
| W 31                    | 420816N0704130.1       | 10                              | TOWN SCITUATE  | --                         | C             | 6           | O             | 201                        | T                             | 74            | --                    | --      | --             | U          | --  | -            |
| W 32                    | 421012N0704526.1       | 10                              | TOWN SCITUATE  | 1937                       | -             | 10          | G             | 55                         | W                             | --            | --                    | --      | --             | P          | --  | -            |
| W 33                    | 421011N0704523.1       | 8                               | TOWN SCITUATE  | --                         | -             | --          | G             | 52                         | W                             | --            | R                     | --      | --             | P          | 125 | --           |
| W 36                    | 421044N0704323.2       | 5                               | TOWN SCITUATE  | 1934                       | C             | 4           | S             | 50                         | U                             | --            | 4R                    | --      | --             | P          | --  | -            |
| W 37                    | 421126N0704447.1       | 43                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 34                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 39                    | 421136N0704529.1       | 40                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 26                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 40                    | 421131N0704528.1       | 40                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 34                         | T                             | --            | --                    | 4       | 12-56          | U          | --  | -            |
| W 42                    | 421126N0704527.1       | 40                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 23                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 45                    | 421116N0704516.1       | 26                              | TOWN SCITUATE  | 1958                       | C             | 8           | S             | 65                         | T                             | 65            | G                     | 3       | 8-58           | U          | 35  | 24           |
| W 49                    | 421119N0704525.1       | 30                              | TOWN SCITUATE  | 1960                       | -             | 18          | G             | 37                         | Z                             | 64            | 4G                    | 4       | 5-60           | P          | 350 | 19           |
| W 52                    | 421119N0704523.1       | 28                              | TOWN SCITUATE  | 1959                       | C             | 8           | S             | 63                         | O                             | 63            | 4G                    | 1       | 9-59           | U          | 75  | 20           |
| W 56                    | 421130N0704701.1       | 81                              | TOWN SCITUATE  | 1955                       | C             | 8           | O             | 43                         | T                             | 43            | --                    | --      | --             | U          | --  | -            |
| W 58                    | 421128N0704505.1       | 52                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 54                         | T                             | --            | --                    | 1       | 11-56          | U          | --  | -            |
| W 60                    | 421227N0704639.1       | 121                             | TOWN SCITUATE  | 1956                       | C             | 8           | O             | 94                         | T                             | 88            | HS                    | --      | --             | U          | 10  | --           |
| W 61                    | 421032N0704444.1       | 14                              | TOWN SCITUATE  | 1957                       | C             | 8           | O             | 71                         | T                             | 71            | --                    | --      | --             | U          | --  | -            |
| W 62                    | 421033N0704505.1       | 31                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 38                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 63                    | 421030N0704504.1       | 30                              | TOWN SCITUATE  | 1956                       | W             | 2           | O             | 19                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 64                    | 421024N0704455.1       | 20                              | TOWN SCITUATE  | 1957                       | C             | 8           | S             | 40                         | T                             | --            | G                     | 17      | 4-57           | U          | 100 | 11           |
| W 65                    | 420946N0704433.1       | 8                               | TOWN SCITUATE  | 1964                       | C             | 8           | O             | 173                        | T                             | 173           | --                    | --      | --             | U          | --  | -            |
| W 66                    | 421144N0704604.1       | 59                              | TOWN SCITUATE  | 1956                       | W             | 8           | O             | 85                         | T                             | 85            | --                    | --      | --             | U          | --  | -            |
| W 69                    | 421142N0704602.1       | 58                              | TOWN SCITUATE  | 1956                       | C             | 8           | O             | 79                         | T                             | 79            | --                    | F       | 4-56           | U          | --  | -            |
| W 73                    | 421054N0704608.4       | 80                              | TOWN SCITUATE  | 1961                       | C             | 8           | O             | 42                         | T                             | 42            | --                    | --      | --             | U          | --  | -            |
| W 76                    | 421052N0704618.1       | 77                              | TOWN SCITUATE  | 1962                       | C             | 8           | O             | 58                         | T                             | 58            | --                    | --      | --             | U          | --  | -            |
| W 81                    | 421059N0704435.1       | 33                              | TOWN SCITUATE  | 1957                       | C             | 8           | S             | 43                         | T                             | --            | 4G                    | 4       | 4-57           | U          | 100 | 10           |
| W 84                    | 421105N0704444.1       | 30                              | TOWN SCITUATE  | 1957                       | C             | 8           | O             | 66                         | T                             | 63            | --                    | --      | --             | U          | --  | -            |
| W 89                    | 421105N0704436.1       | 34                              | TOWN SCITUATE  | 1957                       | C             | 8           | S             | 61                         | T                             | 61            | IR                    | 4       | 7-57           | U          | 150 | 24           |
| W 92                    | 421108N0704438.1       | 29                              | TOWN SCITUATE  | 1957                       | -             | --          | -             | 31                         | W                             | --            | 4G                    | --      | --             | P          | --  | -            |
| W 98                    | 421130N0704620.1       | 50                              | TOWN SCITUATE  | 1964                       | -             | 18          | G             | 90                         | W                             | 90            | 4G                    | 3       | 6-64           | P          | 400 | 47           |
| W 100                   | 421229N0704503.1       | 38                              | TOWN SCITUATE  | 1965                       | C             | 8           | O             | 86                         | T                             | 86            | --                    | --      | --             | U          | --  | -            |
| W 115                   | 421116N0704650.1       | 100                             | TOWN SCITUATE  | 1962                       | W             | 2           | O             | 38                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 119                   | 421112N0704658.1       | 67                              | TOWN SCITUATE  | 1962                       | W             | 2           | S             | 41                         | T                             | --            | 3G                    | --      | --             | U          | 10  | --           |
| W 120                   | 421130N0704654.1       | 64                              | TOWN SCITUATE  | 1959                       | C             | 8           | O             | 61                         | T                             | 58            | --                    | --      | --             | U          | --  | -            |
| W 126                   | 421125N0704659.1       | 68                              | TOWN SCITUATE  | 1960                       | C             | 8           | O             | 26                         | T                             | 26            | --                    | --      | --             | U          | --  | -            |
| W 127                   | 421128N0704656.1       | 65                              | TOWN SCITUATE  | 1960                       | C             | 8           | O             | 43                         | T                             | 43            | --                    | --      | --             | U          | --  | -            |
| W 130                   | 421104N0704552.1       | 59                              | TOWN SCITUATE  | 1955                       | C             | 8           | O             | 76                         | T                             | 73            | G                     | --      | --             | U          | 15  | --           |
| W 133                   | 421108N0704535.1       | 42                              | TOWN SCITUATE  | 1955                       | C             | 8           | O             | 71                         | T                             | 68            | --                    | --      | --             | U          | --  | -            |
| W 134                   | 421109N0704529.1       | 41                              | TOWN SCITUATE  | 1955                       | W             | 2           | O             | 63                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 140                   | 421113N0704535.1       | 35                              | TOWN SCITUATE  | 1955                       | C             | 8           | O             | 114                        | T                             | 111           | --                    | --      | --             | U          | --  | -            |
| W 144                   | 421253N0704743.1       | 34                              | TOWN SCITUATE  | 1961                       | W             | 2           | O             | 33                         | T                             | --            | R                     | +2      | 6-61           | U          | 60  | --           |
| W 145                   | 421252N0704742.1       | 38                              | TOWN SCITUATE  | 1961                       | W             | 2           | O             | 44                         | T                             | --            | 2R                    | 2       | 6-61           | U          | 30  | --           |
| W 150                   | 421253N0704748.1       | 29                              | TOWN SCITUATE  | 1961                       | W             | 2           | O             | 36                         | T                             | --            | P                     | 2       | 6-61           | U          | 50  | 3            |
| W 152                   | 421048N0704439.1       | 50                              | TOWN SCITUATE  | 1951                       | C             | 8           | O             | 71                         | T                             | 71            | --                    | --      | --             | U          | --  | -            |
| W 153                   | 421040N0704330.1       | 50                              | TOWN SCITUATE  | 1951                       | C             | 8           | O             | 19                         | T                             | 19            | --                    | --      | --             | U          | --  | -            |
| W 154                   | 421043N0704454.1       | 25                              | TOWN SCITUATE  | 1951                       | C             | 8           | O             | 37                         | T                             | 37            | --                    | --      | --             | U          | --  | -            |
| W 155                   | 421044N0704325.1       | 20                              | TOWN SCITUATE  | 1951                       | C             | 8           | O             | 60                         | T                             | 60            | --                    | --      | --             | U          | --  | -            |
| W 156                   | 421143N0704847.1       | 128                             | TURNER LEONARD | 1967                       | -             | 6           | X             | 450                        | W                             | 55            | H                     | --      | --             | H          | 1   | --           |
| W 157                   | 421234N0704413.1       | 54                              | SEA MOSS CO    | 1952                       | C             | 8           | X             | 351                        | W                             | 92            | H                     | 12      | 6-52           | C          | 128 | --           |
| W 158                   | 421415N0704605.1       | 14                              | HATHERLY CLUB  | 1966                       | -             | 12          | G             | 40                         | W                             | --            | R                     | 3       | 1-66           | I          | 106 | 24           |
| W 159                   | 421411N0704606.1       | 16                              | HATHERLY CLUB  | 1966                       | W             | 2           | S             | 42                         | W                             | --            | 2R                    | 12      | 2-66           | I          | 30  | --           |
| W 160                   | 421357N0704600.1       | 9                               | HATHERLY CLUB  | 1966                       | W             | 2           | O             | 61                         | T                             | --            | 2R                    | 2       | 9-66           | U          | 15  | --           |
| W 161                   | 421348N0704600.1       | 8                               | HATHERLY CLUB  | 1966                       | W             | 2           | O             | 34                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 162                   | 421340N0704601.1       | 19                              | HATHERLY CLUB  | 1966                       | W             | 2           | O             | 39                         | T                             | --            | --                    | --      | --             | U          | --  | -            |
| W 163                   | 421339N0704604.1       | 11                              | HATHERLY CLUB  | 1966                       | W             | 2           | O             | 36                         | T                             | --            | --                    | --      | --             | U          | --  | -            |

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

| LOCAL<br>WELL<br>NUMBER | LATITUDE-<br>LONGITUDE | ALTI-<br>TUDE<br>OF LSD<br>(FT) | OWNER OR USER   | YEAR/<br>METHOD<br>DRILLED | WELL                  |                     |               | FEET<br>TO<br>BED-<br>ROCK | WATER-<br>TO<br>BEARING<br>MATERIAL | WATER         |                       | PUMPAGE |                |            | LOG | QW |              |   |   |
|-------------------------|------------------------|---------------------------------|-----------------|----------------------------|-----------------------|---------------------|---------------|----------------------------|-------------------------------------|---------------|-----------------------|---------|----------------|------------|-----|----|--------------|---|---|
|                         |                        |                                 |                 |                            | DIAM-<br>ETER<br>(IN) | FIN-<br>ISH<br>(FT) | DEPTH<br>(FT) |                            |                                     | LEVEL<br>(FT) | DATE<br>MEAS-<br>URED | USE     | YIELD<br>(GPM) | DD<br>(FT) |     |    | TIME<br>(HR) |   |   |
|                         |                        |                                 |                 |                            |                       |                     |               |                            |                                     |               |                       |         |                |            |     |    |              |   |   |
| SCITUATE --CONTINUED    |                        |                                 |                 |                            |                       |                     |               |                            |                                     |               |                       |         |                |            |     |    |              |   |   |
| W 164                   | 421310N0701648.1       | 16                              | TOWN SCITUATE   | 1933                       | W                     | 2                   | 0             | 22                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 165                   | 421256N0701601.1       | 12                              | TOWN SCITUATE   | 1933                       | W                     | 2                   | 0             | 88                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 166                   | 421250N0701548.1       | 19                              | TOWN SCITUATE   | 1934                       | W                     | 2                   | 0             | 88                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 167                   | 421259N0701556.1       | 25                              | TOWN SCITUATE   | 1934                       | W                     | 2                   | 0             | 30                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 168                   | 421257N0701616.1       | 10                              | TOWN SCITUATE   | 1934                       | W                     | 2                   | 0             | 19                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 169                   | 421245N0701544.1       | 23                              | TOWN SCITUATE   | 1934                       | W                     | 2                   | 0             | 77                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 170                   | 421037N0704332.1       | 8                               | TOWN SCITUATE   | 1934                       | W                     | 2                   | 0             | 46                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 171                   | 421049N0704336.1       | 20                              | TOWN SCITUATE   | 1934                       | W                     | 2                   | 0             | 68                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 172                   | 421118N0704413.1       | 50                              | TOWN SCITUATE   | 1945                       | C                     | 8                   | 0             | 24                         | T                                   | 20            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 173                   | 421259N0704636.1       | 32                              | BAILEY JACKSON  | 1955                       | C                     | 6                   | X             | 265                        | W                                   | --            | --                    | --      | --             | H          | --  | -- | --           | - | - |
| W 177                   | 421100N0704456.1       | 30                              | TOWN SCITUATE   | 1945                       | C                     | 8                   | P             | 54                         | T                                   | 54            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 178                   | 421050N0704442.1       | 50                              | TOWN SCITUATE   | 1945                       | C                     | 8                   | P             | 64                         | T                                   | 64            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 179                   | 421006N0704522.1       | 19                              | TOWN SCITUATE   | --                         | --                    | --                  | --            | 70                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 180                   | 421034N0704407.1       | 24                              | TOWN SCITUATE   | 1951                       | C                     | 8                   | P             | 57                         | T                                   | 57            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 181                   | 420955N0704452.1       | 9                               | TOWN SCITUATE   | 1945                       | C                     | 8                   | P             | 30                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 183                   | 421038N0704412.1       | 30                              | TOWN SCITUATE   | --                         | --                    | --                  | --            | 30                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | - | - |
| W 184                   | 421040N0704507.1       | 20                              | TOWN SCITUATE   | 1945                       | C                     | 8                   | P             | 54                         | T                                   | 54            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| WEYMOUTH                |                        |                                 |                 |                            |                       |                     |               |                            |                                     |               |                       |         |                |            |     |    |              |   |   |
| W 42                    | 421136N0705547.1       | 90                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 37                         | T                                   | --            | R                     | 1       | 11-57          | U          | 60  | -- | 2            | D | - |
| W 43                    | 421135N0705540.1       | 50                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 36                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 44                    | 421142N0705536.1       | 77                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 20                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 46                    | 421133N0705547.3       | 90                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 30                         | T                                   | --            | R                     | --      | --             | U          | 50  | -- | 2            | D | - |
| W 47                    | 421145N0705531.1       | 75                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 28                         | T                                   | --            | R                     | --      | --             | U          | 60  | -- | 3            | D | - |
| W 48                    | 421150N0705526.2       | 78                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 15                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 49                    | 421147N0705518.1       | 90                              | WEYMOUTH TOWN   | 1957                       | W                     | 2                   | 0             | 32                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 50                    | 421100N0705553.1       | 105                             | WEYMOUTH TOWN   | 1958                       | W                     | 2                   | 0             | 49                         | T                                   | --            | 2S                    | --      | --             | U          | 4   | -- | --           | D | - |
| W 51                    | 421102N0705547.1       | 108                             | WEYMOUTH TOWN   | 1958                       | W                     | 2                   | 0             | 25                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 52                    | 421102N0705547.2       | 103                             | WEYMOUTH TOWN   | 1958                       | W                     | 2                   | 0             | 33                         | T                                   | --            | 1S                    | 0       | 8-58           | U          | --  | -- | --           | D | - |
| W 53                    | 421058N0705549.2       | 105                             | WEYMOUTH TOWN   | 1958                       | W                     | 2                   | 0             | 17                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| W 73                    | 420855N0705701.1       | 154                             | WEYMOUTH TOWN   | 1965                       | W                     | 2                   | 0             | 36                         | T                                   | --            | R                     | 2       | -65            | U          | 60  | -- | --           | D | - |
| W 74                    | 420852N0705706.1       | 156                             | WEYMOUTH TOWN   | 1965                       | W                     | 2                   | 0             | 35                         | T                                   | --            | P                     | 2       | 5-65           | U          | 50  | 1  | 2            | D | - |
| W 75                    | 420903N0705729.1       | 170                             | WEYMOUTH TOWN   | 1965                       | W                     | 2                   | 0             | 23                         | T                                   | --            | --                    | 0       | 3-65           | U          | --  | -- | --           | D | - |
| W 122                   | 420909N0705703.1       | 160                             | NAV AIR STATION | 1941                       | C                     | 6                   | 0             | 46                         | T                                   | --            | 4G                    | 9       | 10-41          | U          | 25  | 16 | 5            | D | - |
| W 125                   | 420929N0705718.1       | 160                             | NAV AIR STATION | 1966                       | B                     | 4                   | X             | 32                         | T                                   | 30            | --                    | 10      | 3-66           | U          | --  | -- | --           | D | - |
| W 127                   | 420916N0705710.1       | 165                             | NAV AIR STATION | 1966                       | B                     | 4                   | X             | 47                         | T                                   | 36            | --                    | 5       | 3-66           | U          | --  | -- | --           | D | - |
| W 128                   | 420528N0705708.1       | 161                             | NAV AIR STATION | 1966                       | B                     | 4                   | 0             | 30                         | T                                   | --            | --                    | 8       | 4-66           | U          | --  | -- | --           | D | - |
| W 130                   | 420926N0705639.1       | 158                             | NAV AIR STATION | 1966                       | B                     | 4                   | X             | 54                         | T                                   | 44            | --                    | 8       | 3-66           | U          | --  | -- | --           | D | - |
| W 132                   | 420921N0705622.1       | 157                             | NAV AIR STATION | 1941                       | W                     | 2                   | 0             | 21                         | T                                   | --            | --                    | 13      | 10-41          | U          | --  | -- | --           | D | - |
| W 133                   | 420920N0705615.1       | 155                             | NAV AIR STATION | 1941                       | C                     | 6                   | 0             | 21                         | T                                   | 16            | --                    | 10      | 11-41          | U          | --  | -- | --           | D | - |
| X 1                     | 420907N0705644.1       | 150                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 18                         | T                                   | --            | --                    | 6       | 1-51           | U          | --  | -- | --           | D | - |
| X 2                     | 420919N0705648.1       | 154                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 15                         | T                                   | --            | --                    | 6       | 1-51           | U          | --  | -- | --           | D | - |
| X 3                     | 420924N0705652.1       | 152                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 12                         | T                                   | --            | --                    | 3       | 1-51           | U          | --  | -- | --           | D | - |
| X 4                     | 420930N0705655.1       | 150                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 27                         | T                                   | --            | --                    | 3       | 2-51           | U          | --  | -- | --           | D | - |
| X 5                     | 420936N0705659.1       | 152                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 28                         | T                                   | --            | --                    | 2       | 3-51           | U          | --  | -- | --           | D | - |
| X 6                     | 420941N0705702.1       | 152                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 21                         | T                                   | --            | --                    | 1       | 3-51           | U          | --  | -- | --           | D | - |
| X 9                     | 420919N0705641.1       | 154                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 24                         | T                                   | --            | --                    | 6       | 3-51           | U          | --  | -- | --           | D | - |
| X 10                    | 420927N0705646.1       | 152                             | NAV AIR STATION | 1951                       | W                     | --                  | 0             | 15                         | T                                   | --            | --                    | --      | --             | U          | --  | -- | --           | D | - |
| X 11                    | 420942N0705642.1       | 169                             | NAV AIR STATION | 1955                       | W                     | 2                   | 0             | 25                         | T                                   | --            | --                    | 6       | 1-55           | U          | --  | -- | --           | D | - |
| X 12                    | 420921N0705637.1       | 148                             | NAV AIR STATION | 1955                       | W                     | 2                   | 0             | 25                         | T                                   | --            | --                    | 3       | 1-55           | U          | --  | -- | --           | D | - |
| X 14                    | 420934N0705628.1       | 172                             | NAV AIR STATION | 1961                       | W                     | 2                   | 0             | 23                         | T                                   | --            | --                    | 8       | 10-61          | U          | --  | -- | --           | D | - |
| X 15                    | 420914N0705627.1       | 153                             | NAV AIR STATION | 1966                       | W                     | 2                   | 0             | 28                         | T                                   | --            | --                    | 8       | 2-66           | U          | --  | -- | --           | D | - |
| X 20                    | 420912N0705623.1       | 153                             | NAV AIR STATION | 1966                       | W                     | 2                   | 0             | 28                         | T                                   | --            | --                    | 12      | 3-66           | U          | --  | -- | --           | D | - |
| X 21                    | 420858N0705650.1       | 149                             | NAV AIR STATION | 1952                       | W                     | 2                   | 0             | 42                         | T                                   | --            | --                    | 4       | 10-52          | U          | --  | -- | --           | D | - |



Table 2.--Logs of selected wells and borings  
(Depths are given in feet below land surface.)

| Depth                                                                                           |             | Depth |  | Depth |
|-------------------------------------------------------------------------------------------------|-------------|-------|--|-------|
| <b>ABINGTON W17.</b>                                                                            |             |       |  |       |
| Loam.....                                                                                       | 0 - 1.5     |       |  |       |
| Sharp gravel, some sand.....                                                                    | 1.5 - 32    |       |  |       |
| Hardpan.....                                                                                    | 32 - 35     |       |  |       |
| Refusal.....                                                                                    | at 35       |       |  |       |
| <b>ABINGTON W21.</b>                                                                            |             |       |  |       |
| Loam.....                                                                                       | 0 - 1       |       |  |       |
| Hard clay.....                                                                                  | 1 - 7       |       |  |       |
| Sand, gravel.....                                                                               | 7 - 16      |       |  |       |
| Fine sand.....                                                                                  | 16 - 19     |       |  |       |
| Soft rock.....                                                                                  | 19 - 22     |       |  |       |
| Refusal.....                                                                                    | at 22       |       |  |       |
| <b>ABINGTON W59.</b>                                                                            |             |       |  |       |
| Fine to coarse sand, some medium gravel, brown and gray.....                                    | 0 - 10      |       |  |       |
| Fine sand, silt, gray.....                                                                      | 10 - 29     |       |  |       |
| Very compact till with cobbles and boulders, gray.....                                          | 29 - 42.5   |       |  |       |
| Very compact till.....                                                                          | 42.5 - 50   |       |  |       |
| Nested cobbles and boulder in till.....                                                         | 50 - 54.6   |       |  |       |
| Broken and fractured granite.....                                                               | 54.6 - 61.6 |       |  |       |
| <b>ABINGTON W61.</b>                                                                            |             |       |  |       |
| Topsoil.....                                                                                    | 0 - 1       |       |  |       |
| Compact, fine to coarse sand and gravel, some silt, cobbles, gray.....                          | 1 - 13      |       |  |       |
| Very compact sand and gravel, some clay and silt, cobbles, gray.....                            | 13 - 19     |       |  |       |
| <b>ABINGTON X10.</b>                                                                            |             |       |  |       |
| Concrete.....                                                                                   | 0 - .3      |       |  |       |
| Very hard sand and gravel.....                                                                  | .3 - 2.5    |       |  |       |
| Very hard, fine to coarse sand, gravel, and boulders.....                                       | 2.5 - 9     |       |  |       |
| Hard granite, white.....                                                                        | 9 - 15      |       |  |       |
| <b>ABINGTON X14.</b>                                                                            |             |       |  |       |
| Soft peat.....                                                                                  | 0 - 7       |       |  |       |
| Firm, medium sand and gravel.....                                                               | 7 - 18      |       |  |       |
| Firm, fine sand, gravel, and boulders.....                                                      | 18 - 32     |       |  |       |
| <b>COHASSET B1.</b>                                                                             |             |       |  |       |
| Fine sand, some silt and gravel, medium compact.....                                            | 0 - 4       |       |  |       |
| Silt, trace fine sand.....                                                                      | 4 - 9       |       |  |       |
| Silt, trace fine sand, compact.....                                                             | 9 - 18      |       |  |       |
| <b>COHASSET W6.</b>                                                                             |             |       |  |       |
| Sand, gravel, clay.....                                                                         | 0 - 20.3    |       |  |       |
| Coarse sand and gravel.....                                                                     | 20.3 - 31.8 |       |  |       |
| <b>COHASSET W7.</b>                                                                             |             |       |  |       |
| Topsoil.....                                                                                    | 0 - 2       |       |  |       |
| Sand and gravel, brown.....                                                                     | 2 - 7.3     |       |  |       |
| Sand and gravel, gray.....                                                                      | 7.3 - 15.2  |       |  |       |
| Sand and gravel.....                                                                            | 15.2 - 23.8 |       |  |       |
| <b>COHASSET W8.</b>                                                                             |             |       |  |       |
| Loam.....                                                                                       | 0 - 2       |       |  |       |
| Sand and gravel.....                                                                            | 2 - 14      |       |  |       |
| Clay, sharp gravel.....                                                                         | 14 - 21     |       |  |       |
| Sand, sharp gravel, trace of clay                                                               | 21 - 26     |       |  |       |
| Refusal.....                                                                                    | at 26       |       |  |       |
| <b>COHASSET W11.</b>                                                                            |             |       |  |       |
| Peat.....                                                                                       | 0 - 2       |       |  |       |
| Sand, gravel, clay.....                                                                         | 2 - 11      |       |  |       |
| Firm clay, boulders, gravel.....                                                                | 11 - 24     |       |  |       |
| Refusal.....                                                                                    | at 24       |       |  |       |
| <b>COHASSET W12.</b>                                                                            |             |       |  |       |
| Peat.....                                                                                       | 0 - 6       |       |  |       |
| Clay, sand.....                                                                                 | 6 - 32      |       |  |       |
| Sand, gravel, clay.....                                                                         | 32 - 36     |       |  |       |
| Hardpan, boulders.....                                                                          | 36 - 47     |       |  |       |
| Refusal.....                                                                                    | at 47       |       |  |       |
| <b>COHASSET W14.</b>                                                                            |             |       |  |       |
| Hard packed sand, gravel, clay, boulders.....                                                   | 0 - 17      |       |  |       |
| Fine sand, sharp gravel, clay.....                                                              | 17 - 20     |       |  |       |
| Hardpan, boulders.....                                                                          | 20 - 23     |       |  |       |
| Refusal.....                                                                                    | at 23       |       |  |       |
| <b>COHASSET W15.</b>                                                                            |             |       |  |       |
| Loam.....                                                                                       | 0 - 3       |       |  |       |
| Sand, gravel.....                                                                               | 3 - 12      |       |  |       |
| Fine sand, clay.....                                                                            | 12 - 20     |       |  |       |
| Sand, sharp gravel, boulders, clay.....                                                         | 20 - 27     |       |  |       |
| Medium sand, fine gravel, some clay.....                                                        | 27 - 31     |       |  |       |
| Hardpan.....                                                                                    | 31 - 32     |       |  |       |
| Refusal.....                                                                                    | at 32       |       |  |       |
| <b>COHASSET W16.</b>                                                                            |             |       |  |       |
| Clay, gravel.....                                                                               | 0 - 10      |       |  |       |
| Clay, gravel, boulders.....                                                                     | 10 - 20     |       |  |       |
| Clay, gravel.....                                                                               | 20 - 43.5   |       |  |       |
| Bedrock (?).....                                                                                | 43.5 - 45   |       |  |       |
| <b>COHASSET W17.</b>                                                                            |             |       |  |       |
| Coarse sand and gravel, brown... ..                                                             | 0 - 13      |       |  |       |
| Coarse sand, gravel, trace of fine sand, brown.....                                             | 13 - 18     |       |  |       |
| Fine sand, gray.....                                                                            | 18 - 20     |       |  |       |
| Sharp gravel, clay.....                                                                         | 20 - 32     |       |  |       |
| Refusal.....                                                                                    | at 32       |       |  |       |
| <b>COHASSET W22.</b>                                                                            |             |       |  |       |
| Coarse gravel, brown.....                                                                       | 0 - 8       |       |  |       |
| Fine sand, brown.....                                                                           | 8 - 13      |       |  |       |
| Coarse sand, trace of clay, brown.....                                                          | 13 - 19     |       |  |       |
| Sharp sand and gravel, clay, gray.....                                                          | 19 - 21.5   |       |  |       |
| <b>COHASSET W24.</b>                                                                            |             |       |  |       |
| Coarse sand and gravel, brown... ..                                                             | 0 - 8       |       |  |       |
| Coarse sand and gravel, brown, trace of sand, gray.....                                         | 8 - 14      |       |  |       |
| Fine sand, scattered gravel, trace of clay, gray.....                                           | 14 - 18     |       |  |       |
| Coarse gravel, fine sand, gray..                                                                | 18 - 26     |       |  |       |
| Sand, gravel, trace of clay, gray.....                                                          | 26 - 31     |       |  |       |
| Refusal.....                                                                                    | at 31       |       |  |       |
| <b>COHASSET W25.</b>                                                                            |             |       |  |       |
| Medium sand, scattered gravel, brown.....                                                       | 0 - 14      |       |  |       |
| Fine sand, gray.....                                                                            | 14 - 29     |       |  |       |
| Fine sand, scattered gravel, gray.....                                                          | 29 - 39     |       |  |       |
| Fine sand, gray.....                                                                            | 39 - 46     |       |  |       |
| Refusal.....                                                                                    | at 46       |       |  |       |
| <b>COHASSET X2.</b>                                                                             |             |       |  |       |
| Soft, sandy loam.....                                                                           | 0 - .5      |       |  |       |
| Very dense medium sand and gravel, gray, yellow.....                                            | .5 - 7      |       |  |       |
| Dense, medium to coarse sand, some gravel and fine sand.....                                    | 7 - 13      |       |  |       |
| Medium to dense, fine to medium silty sand, trace of gravel... ..                               | 13 - 17     |       |  |       |
| Very dense, medium to fine sand, some gravel, trace of coarse sand, boulders.....               | 17 - 19     |       |  |       |
| Refusal.....                                                                                    | at 19       |       |  |       |
| <b>COHASSET X7.</b>                                                                             |             |       |  |       |
| Peat, clay.....                                                                                 | 0 - 12      |       |  |       |
| Fine sand, gravel, gray.....                                                                    | 12 - 25.5   |       |  |       |
| Fine sand, broken gravel, clay, gray.....                                                       | 25.5 - 27   |       |  |       |
| Clay, fine sand, gray.....                                                                      | 27 - 29     |       |  |       |
| Large, broken gravel, some clay.                                                                | 29 - 32     |       |  |       |
| <b>DUXBURY A1.</b>                                                                              |             |       |  |       |
| Fine silty sand, light brown to dark gray.....                                                  | 0 - 6       |       |  |       |
| Medium sand, brown.....                                                                         | 6 - 8       |       |  |       |
| Coarse sand, tan.....                                                                           | 8 - 22      |       |  |       |
| Fine sand.....                                                                                  | 22 - 23     |       |  |       |
| Sand, silt, gray.....                                                                           | 23 - 30     |       |  |       |
| Silt, sand, color darkens with depth.....                                                       | 30 - 40     |       |  |       |
| Medium sand, coarser at depth... ..                                                             | 40 - 45     |       |  |       |
| Coarse to very coarse sand.....                                                                 | 45 - 60     |       |  |       |
| Hard layer.....                                                                                 | 60 - 61     |       |  |       |
| Coarse to very coarse sand, brown.....                                                          | 61 - 65     |       |  |       |
| Coarse sand, brown.....                                                                         | 65 - 75     |       |  |       |
| Coarse sand, becoming finer at depth.....                                                       | 75 - 80     |       |  |       |
| Sand, some clay or silt.....                                                                    | 80 - 85     |       |  |       |
| Fine to very fine sand.....                                                                     | 85 - 90     |       |  |       |
| Very fine sand, silty.....                                                                      | 90 - 94     |       |  |       |
| Blue clay with pieces of quartz on bit.....                                                     | at 94.5     |       |  |       |
| <b>DUXBURY A2.</b>                                                                              |             |       |  |       |
| Topsoil.....                                                                                    | 0 - 2       |       |  |       |
| Medium sand.....                                                                                | 2 - 5       |       |  |       |
| Medium to coarse sand, red; some pebbles at 7 feet.....                                         | 5 - 7       |       |  |       |
| Medium sand grading to coarse sand, some gravel layers, brown.....                              | 7 - 14      |       |  |       |
| Very coarse sand, red brown.....                                                                | 14 - 15     |       |  |       |
| Very coarse sand, fine gravel, red brown.....                                                   | 15 - 17     |       |  |       |
| Refusal.....                                                                                    | at 17       |       |  |       |
| <b>DUXBURY A3.</b>                                                                              |             |       |  |       |
| Fine to medium sand, brown.....                                                                 | 0 - 2       |       |  |       |
| Coarse gravel.....                                                                              | 2 - 3       |       |  |       |
| Coarse sand, brown.....                                                                         | 3 - 5       |       |  |       |
| Medium to coarse sand.....                                                                      | 5 - 10      |       |  |       |
| Medium to coarse sand, gravel; hard layer at 13 feet.....                                       | 10 - 13     |       |  |       |
| Medium to coarse sand, light brown.....                                                         | 13 - 19     |       |  |       |
| Refusal.....                                                                                    | at 19       |       |  |       |
| <b>DUXBURY A4.</b>                                                                              |             |       |  |       |
| Poorly sorted sand, pebbles, gray.....                                                          | 0 - 5       |       |  |       |
| Fine to medium sand, some silt and coarse gravel.....                                           | 5 - 10      |       |  |       |
| Poorly sorted sand, silt.....                                                                   | 10 - 15     |       |  |       |
| Medium sand, some very fine sand and silt.....                                                  | 15 - 19     |       |  |       |
| Sand, light yellow brown.....                                                                   | 19 - 29     |       |  |       |
| <b>DUXBURY B1.</b>                                                                              |             |       |  |       |
| Sand.....                                                                                       | 0 - 40      |       |  |       |
| Sand, trace of silt.....                                                                        | 40 - 51     |       |  |       |
| Silt, sand.....                                                                                 | 51 - 52     |       |  |       |
| <b>DUXBURY B2.</b>                                                                              |             |       |  |       |
| Sandy loam, gravel.....                                                                         | 0 - 1       |       |  |       |
| Medium to coarse sand, some gravel, some fine sand, yellow.....                                 | 1 - 6       |       |  |       |
| Firm, medium to coarse sand, gravel, some fine sand, yellow.....                                | 6 - 11      |       |  |       |
| Medium to coarse sand, some gravel, some fine sand, trace of silt, yellow.....                  | 11 - 17     |       |  |       |
| Medium to coarse sand, some fine sand, trace of gravel, yellow.                                 | 17 - 21     |       |  |       |
| Compact, coarse to very coarse sand, coarse gravel, some medium sand, yellow.....               | 21 - 29     |       |  |       |
| Loose, coarse to very coarse sand, some gravel and medium sand, trace of fine sand, yellow..... | 29 - 35     |       |  |       |
| Medium to coarse sand, gravel, some fine sand, trace of clay, dark yellow.....                  | 35 - 43     |       |  |       |
| Fine to medium sand, some gravel, some coarse sand and silt, organic, yellow-green.....         | 43 - 51     |       |  |       |
| Very compact, fine silty sand, clay, gray, partially indurated.....                             | 51 - 54     |       |  |       |
| <b>DUXBURY B3.</b>                                                                              |             |       |  |       |
| Loam, fine sand, some gravel, yellow.....                                                       | 0 - 2       |       |  |       |
| Stiff, sandy silty clay, yellow.                                                                | 2 - 10      |       |  |       |
| Fine to medium silty sand, some gravel, clay, and coarse sand, yellow.....                      | 10 - 13.5   |       |  |       |
| Fine silty sand, some medium to soft clay, trace of gravel, yellow.....                         | 13.5 - 16.5 |       |  |       |
| Compact medium to coarse sand, some gravel and fine sand, trace of clay, yellow.....            | 16.5 - 22   |       |  |       |
| Very compact medium to coarse sand, some gravel, fine sand, clay, and boulders, yellow....      | 22 - 27     |       |  |       |
| Refusal.....                                                                                    | at 27       |       |  |       |
| <b>DUXBURY B4.</b>                                                                              |             |       |  |       |
| Sandy loam.....                                                                                 | 0 - 1.5     |       |  |       |
| Medium to coarse sand, some gravel, yellow.....                                                 | 1.5 - 4     |       |  |       |
| Very fine sand, trace of clay, yellow.....                                                      | 4 - 6.5     |       |  |       |
| Very fine, silty sand, some clay, yellow.....                                                   | 6.5 - 11    |       |  |       |
| Very fine, silty sand, some gravel and clay, gray.....                                          | 11 - 30     |       |  |       |
| Fine to medium silty sand, some gravel, coarse sand, clay, gray                                 | 30 - 33     |       |  |       |
| Compact, medium sand, some gravel, coarse sand, clay, gray                                      | 33 - 38     |       |  |       |
| Compact, fine to medium silty sand, clay, trace of gravel, gray.....                            | 38 - 42     |       |  |       |
| Medium to coarse sand, some gravel, fine sand, trace of clay, yellow.....                       | 42 - 46     |       |  |       |
| Fine to medium silty sand, some gravel, coarse sand, and clay, yellow.....                      | 46 - 50     |       |  |       |
| Bedrock, weathered, light gray..                                                                | 50 - 54     |       |  |       |
| Refusal.....                                                                                    | at 54       |       |  |       |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                                                                                                     |             | Depth                                                    |             | Depth                                                         |           |
|-----------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------|-------------|---------------------------------------------------------------|-----------|
| <b>DUXBURY B5.</b>                                                                                        |             | <b>DUXBURY W7.</b>                                       |             | <b>DUXBURY W32.</b>                                           |           |
| Coarse to very coarse sand, some fine gravel, trace of medium sand, yellow.....                           | 0 - 6       | Topsoil.....                                             | 0 - 1.5     | Fine sand, large gravel, clay, brown.....                     | 0 - 20    |
| Fine to medium sand, some gravel and coarse sand, trace of clay, yellow.....                              | 6 - 11      | Hardpan.....                                             | 1.5 - 11    | Clay, gray, changing to brown clay with fine brown sand.....  | 20 - 25   |
| Bedrock.....                                                                                              | 11 - 19     | Rock or ledge.....                                       | at 11       | Fine sand, some gravel and clay, brown.....                   | 25 - 53   |
| <b>DUXBURY B6.</b>                                                                                        |             | <b>DUXBURY W8.</b>                                       |             | <b>DUXBURY W35.</b>                                           |           |
| Sandy loam.....                                                                                           | 0 - 2       | Topsoil.....                                             | 0 - 1       | Peat.....                                                     | 0 - 3     |
| Fine to medium sand, some coarse sand, trace of gravel and clay, yellow.....                              | 2 - 4.5     | Sand, gravel, and some clay.....                         | 1 - 14      | Fine sand and large gravel and clay, brown.....               | 3 - 20    |
| Compact, medium to coarse sand, some gravel and fine sand, yellow.....                                    | 4.5 - 13.5  | Hardpan.....                                             | 14 - 20.2   | Fine sand and gravel with clay, brown.....                    | 20 - 69   |
| Hard, fine to medium sand, some gravel, trace of fine sand, yellow.....                                   | 13.5 - 16.5 | Rock.....                                                | at 20.2     | <b>DUXBURY W37.</b>                                           |           |
| Bedrock, partially weathered.....                                                                         | 16.5 - 24.5 | <b>DUXBURY W9.</b>                                       |             | Fine sand and gravel, brown.....                              | 0 - 35    |
| <b>DUXBURY B7.</b>                                                                                        |             | Sand and gravel.....                                     | 0 - 19.6    | Fine to medium sand and gravel, trace of clay, brown.....     | 35 - 47.8 |
| Peat, trace of silt, dark brown..                                                                         | 0 - 2.5     | Sand, gravel, and clay.....                              | 19.6 - 30.5 | Refusal.....                                                  | at 47.8   |
| Fine to medium sand, some coarse sand, trace of gravel, yellow..                                          | 2.5 - 8     | Fine to medium sand and clay, gray.....                  | 30.5 - 36   | <b>DUXBURY W39.</b>                                           |           |
| Very fine to fine sand, trace of gravel and clay, yellow.....                                             | 8 - 16      | Hardpan.....                                             | 36 - 38     | Fill.....                                                     | 0 - 3     |
| Very fine to fine, silty sand, trace of gravel and clay, boulders, yellow.....                            | 16 - 19.5   | Rock.....                                                | at 38       | Fine to medium sand and gravel, brown.....                    | 3 - 20    |
| Refusal.....                                                                                              | at 19.5     | <b>DUXBURY W10.</b>                                      |             | Fine sand, some gravel, brown..                               | 20 - 25   |
| <b>DUXBURY B8.</b>                                                                                        |             | Topsoil.....                                             | 0 - .5      | Fine sand and broken gravel, brown.....                       | 25 - 30   |
| Loamy sand.....                                                                                           | 0 - 1.5     | Rocks, gravel, and clay.....                             | .5 - 9      | Fine sand, broken gravel, and trace of clay.....              | 30 - 34   |
| Fine to medium sand, trace of fine gravel and coarse sand....                                             | 1.5 - 4.5   | Sand, gravel, and some clay....                          | 9 - 20      | Refusal.....                                                  | at 34.8   |
| Medium to coarse sand, some gravel and fine sand.....                                                     | 4.5 - 6     | Rocks.....                                               | 20 - 20.7   | <b>DUXBURY W40.</b>                                           |           |
| Compact, fine to medium sand, some gravel and coarse sand, light yellow.....                              | 6 - 9.5     | Rock or ledge.....                                       | at 20.7     | Topsoil.....                                                  | 0 - 1     |
| Fine sand, some medium sand, trace of gravel, yellow.....                                                 | 9.5 - 14.5  | <b>DUXBURY W15.</b>                                      |             | Coarse sand.....                                              | 1 - 8     |
| Very compact, fine to medium sand, some gravel and coarse sand, trace of clay, boulders, dark yellow..... | 14.5 - 20.5 | Medium to fine sand and gravel, white.....               | 0 - 20.6    | Sand, gravel.....                                             | 8 - 48    |
| <b>DUXBURY W1.</b>                                                                                        |             | Medium to fine sand, sharp gravel and clay.....          | 20.6 - 28   | Fine sand, silt, gray.....                                    | 48 - 70   |
| Topsoil.....                                                                                              | 0 - 1       | Refusal.....                                             | at 28       | <b>DUXBURY W41.</b>                                           |           |
| Sand and some gravel, brown.....                                                                          | 1 - 27      | <b>DUXBURY W17.</b>                                      |             | Topsoil.....                                                  | 0 - .8    |
| Sand and gravel, brown, traces of clay.....                                                               | 27 - 34     | Fine sand and gravel, dark brown.....                    | 0 - 30      | Fine sand and silt.....                                       | .8 - 23   |
| Fine to medium sand, brown....                                                                            | 34 - 42     | Fine sand and gravel, light brown.....                   | 0 - 26      | Hardpan.....                                                  | 23 - 29   |
| Fine sand, brown, trace of clay..                                                                         | 42 - 57     | brown.....                                               | 30 - 37.5   | <b>DUXBURY W42.</b>                                           |           |
| Fine sand and clay, gray.....                                                                             | 57 - 61.3   | Refusal.....                                             | at 37.5     | Peat.....                                                     | 0 - 1.5   |
| Washed out, fine sand and clay, gray.....                                                                 | 61.3 - 82   | <b>DUXBURY W19.</b>                                      |             | Sand and gravel.....                                          | 1.5 - 28  |
| Refusal.....                                                                                              | at 82       | Fine sand, gravel, and trace of clay, brown.....         | 0 - 26      | Fine sand and silt, gray.....                                 | 28 - 66   |
| <b>DUXBURY W2.</b>                                                                                        |             | Refusal.....                                             | at 26       | Refusal.....                                                  | at 66     |
| Topsoil.....                                                                                              | 0 - 2       | <b>DUXBURY W20.</b>                                      |             | <b>DUXBURY W44.</b>                                           |           |
| Medium sand.....                                                                                          | 2 - 24      | Fine sand and gravel, light brown.....                   | 0 - 25      | Topsoil.....                                                  | 0 - 2     |
| Fine sand, clay.....                                                                                      | 24 - 28     | Fine sand and gravel, dark brown.....                    | 25 - 30     | Loose sand and gravel, boulders.                              | 2 - 12    |
| Clay.....                                                                                                 | 28 - 30     | brown.....                                               | 30 - 45     | Fine to coarse sand and silt....                              | 12 - 20   |
| Medium sand, gravel.....                                                                                  | 30 - 36     | Fine sand and gravel, brown, changing to gray.....       | 30 - 45     | Fine sand and some clay.....                                  | 20 - 33   |
| Fine sand, brown.....                                                                                     | 36 - 38     | Fine sand and gravel, gray.....                          | 45 - 50     | Very fine sand and clay.....                                  | 33 - 95   |
| Fine sand, some clay, gray.....                                                                           | 38 - 40     | Not reported.....                                        | 50 - 52     | Fine sand, gravel, and clay.....                              | 95 - 96   |
| <b>DUXBURY W3.</b>                                                                                        |             | Refusal.....                                             | at 52       | Refusal.....                                                  | at 96     |
| Topsoil.....                                                                                              | 0 - 3       | <b>DUXBURY W23.</b>                                      |             | <b>DUXBURY W45.</b>                                           |           |
| Fine sand to medium sand and clay                                                                         | 3 - 53      | Loam and topsoil.....                                    | 0 - 3       | Topsoil.....                                                  | 0 - 1.5   |
| Medium sand, small gravel, and clay.....                                                                  | 53 - 77     | Fine sand and gravel, trace of clay, light brown.....    | 3 - 56      | Fine sand and some gravel.....                                | 1.5 - 12  |
| Rock.....                                                                                                 | at 77       | Fine sand and gravel with trace of clay, dark brown....  | 56 - 67     | Fine sand and gravel.....                                     | 12 - 22   |
| <b>DUXBURY W4.</b>                                                                                        |             | Fine sand and gravel with trace of clay, grayish brown.. | 67 - 70     | Fine to coarse sand and gravel..                              | 22 - 38   |
| Topsoil.....                                                                                              | 0 - 4       | <b>DUXBURY W26.</b>                                      |             | Fine sand.....                                                | 38 - 40   |
| Medium to coarse sand, small gravel.....                                                                  | 4 - 35.5    | Coarse sand, brown.....                                  | 0 - 20      | Very fine sand, trace of silt....                             | 40 - 54   |
| Small gravel and clay.....                                                                                | 35.5 - 41   | Medium sand, brown.....                                  | 20 - 30     | Fine sand, some gravel.....                                   | 54 - 60   |
| Mostly clay, some gravel.....                                                                             | 41 - 50     | Fine to medium sand, brown....                           | 30 - 40     | Fine sand, gravel, and clay.....                              | 60 - 63   |
| Sand and clay.....                                                                                        | 50 - 62     | Medium sand, brown.....                                  | 40 - 50     | Refusal.....                                                  | at 63     |
| Medium sand, trace of clay.....                                                                           | 62 - 67     | Fine to medium sand, brown....                           | 50 - 57.3   | <b>DUXBURY W59.</b>                                           |           |
| Fine to medium sand and clay....                                                                          | 67 - 91     | <b>DUXBURY W27.</b>                                      |             | Fine sand with large gravel, brown.....                       | 0 - 25    |
| Rock.....                                                                                                 | at 91       | Fine sand and gravel, light brown.....                   | 0 - 32      | Fine sand with gravel and clay, brown.....                    | 25 - 36   |
| <b>DUXBURY W5.</b>                                                                                        |             | Fine sand and some gravel, light brown.....              | 32 - 47     | Refusal.....                                                  | at 36     |
| Sand and gravel.....                                                                                      | 0 - 30      | Fine sand, some gravel, trace of clay, light brown.....  | 47 - 52     | <b>DUXBURY W63.</b>                                           |           |
| Sand and clay.....                                                                                        | 30 - 81.8   | Fine sand, trace of clay, light brown.....               | 52 - 65     | Sand, brown.....                                              | 0 - 12    |
| Rock.....                                                                                                 | at 81.8     | <b>DUXBURY W29.</b>                                      |             | Clay, fine sand, gray.....                                    | 12 - 17   |
| <b>DUXBURY W6.</b>                                                                                        |             | Loam.....                                                | 0 - 2       | Fine to coarse sand, gravel, gray to brown.....               | 17 - 26   |
| Topsoil.....                                                                                              | 0 - 2       | Fine sand with gravel and clay, brown.....               | 2 - 29      | Fine to coarse sand, gravel, brown.....                       | 26 - 28   |
| Sand and gravel, some clay.....                                                                           | 2 - 20      | Fine sand and clay, some gravel, gray.....               | 29 - 39     | Fine silt, clay, brown.....                                   | 28 - 37   |
| Gravel and clay.....                                                                                      | 20 - 25     | Fine sand with clay and gravel, brown.....               | 39 - 55     | Clay, gray.....                                               | 37 - 40   |
| Hardpan.....                                                                                              | 25 - 32.3   | <b>DUXBURY W30.</b>                                      |             | Clay, brown to gray.....                                      | 40 - 45   |
| Rock.....                                                                                                 | at 32.3     | Peat.....                                                | 0 - 4       | Fine to coarse sand, gravel, some clay, brown.....            | 45 - 48   |
|                                                                                                           |             | Fine sand and gravel with clay, brown.....               | 4 - 35      | Medium to coarse sand, gravel, brown.....                     | 48 - 53   |
|                                                                                                           |             | Fine sand and gravel with clay, gray.....                | 35 - 60     | Fine to coarse sand, gravel, brown.....                       | 53 - 55   |
|                                                                                                           |             | Fine sand and gravel with clay, brown.....               | 60 - 68     | Fine to medium sand, brown....                                | 55 - 56   |
|                                                                                                           |             | Refusal.....                                             | at 68.5     | <b>DUXBURY W66.</b>                                           |           |
|                                                                                                           |             |                                                          |             | Fine to medium sand and gravel with specks of clay, brown.... | 0 - 30    |
|                                                                                                           |             |                                                          |             | Medium to fine sand and gravel with trace of clay, brown....  | 30 - 44   |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                                                          |             | Depth                                                                      |             | Depth                                                       |             |
|----------------------------------------------------------------|-------------|----------------------------------------------------------------------------|-------------|-------------------------------------------------------------|-------------|
| <b>DUXBURY W68.</b>                                            |             | <b>DUXBURY W100.</b>                                                       |             | <b>DUXBURY W137 (Continued)</b>                             |             |
| Fine to medium sand and gravel with clay, brown.....           | 0 - 30      | Fine and coarse sand.....                                                  | 0 - 25.4    | Fine sand, trace of coarse sand, brown.....                 | 25 - 30     |
| Fine sand, some gravel and clay, brown.....                    | 30 - 40     | Medium sand.....                                                           | 25.4 - 30.7 | Fine sand, some coarse sand, brown.....                     | 30 - 40     |
|                                                                |             | Fine and coarse sand.....                                                  | 30.7 - 35.9 | Fine sand, gray-brown.....                                  | 40 - 50     |
|                                                                |             | Sand, gravel, some clay.....                                               | 35.9 - 41   | Fine sand, gray.....                                        | 50 - 61     |
|                                                                |             | Clay with sand.....                                                        | 41 - 46.3   |                                                             |             |
|                                                                |             | Clay.....                                                                  | 46.3 - 51.3 |                                                             |             |
| <b>DUXBURY W71.</b>                                            |             | Fine and coarse sand and clay.....                                         | 51.3 - 56.5 |                                                             |             |
| Soft material.....                                             | 0 - 2.5     | Fine and coarse sand, trace of clay.....                                   | 56.5 - 61.8 | <b>DUXBURY W139.</b>                                        |             |
| Sand, gravel, clay, gray.....                                  | 2.5 - 15    | Fine and coarse sand.....                                                  | 61.8 - 65.5 | Coarse sand and gravel.....                                 | 0 - 20      |
| Fine to medium sand, some gravel, brown.....                   | 15 - 27.8   | Bedrock.....                                                               | at 65.5     | Clay, some fine and coarse sand.                            | 20 - 25     |
| Fine sand, some stones.....                                    | 27.8 - 34.4 |                                                                            |             | Fine sand, some coarse sand, trace of clay, gray.....       | 25 - 30     |
| Material that pumped freely, unidentified.....                 | 34.4 - 40.1 | <b>DUXBURY W101.</b>                                                       |             | Coarse sand, some fine sand and gravel, gray.....           | 30 - 35     |
| Medium to fine sand, gravel.....                               | 40.1 - 45.6 | Gravel, fine sand.....                                                     | 0 - 22.2    | Fine sand, some coarse sand, trace of gravel, gray.....     | 35 - 45     |
| Fine sand, sharp stones, clay....                              | 45.6 - 51   | Gravel, clay.....                                                          | 22.2 - 27.6 | Coarse sand, some fine sand, trace of gravel, gray.....     | 45 - 55     |
| Fine sand, clay.....                                           | 51 - 62.1   | Sand, gravel, clay.....                                                    | 27.6 - 37   | Refusal.....                                                | at 55       |
| No record.....                                                 | 62.1 - 65.2 | Bedrock.....                                                               | at 37       |                                                             |             |
| Refusal.....                                                   | at 65.2     |                                                                            |             |                                                             |             |
| <b>DUXBURY W72.</b>                                            |             | <b>DUXBURY W104.</b>                                                       |             | <b>DUXBURY W140.</b>                                        |             |
| Peat.....                                                      | 0 - 2       | Sand and gravel.....                                                       | 0 - 23      | Loose sand and gravel.....                                  | 0 - 4       |
| Fine sand, some gravel, clay, brown.....                       | 2 - 15      | Sand and clay.....                                                         | 23 - 51     | Very compact till.....                                      | 4 - 13      |
| Medium to fine sand, some stones, clay, brown.....             | 15 - 21     | Gravel, clay, sand.....                                                    | 51 - 56     | Fine sand, trace of coarse sand, brown.....                 | 13 - 30     |
| Fine sand, some stones, clay, brown.....                       | 21 - 30.4   | Sand and clay.....                                                         | 56 - 66.7   | Fine sand, brown.....                                       | 30 - 40     |
| Medium sand, some gravel, trace of clay, brown.....            | 30.4 - 43.3 | <b>DUXBURY W108.</b>                                                       |             | Fine sand, some coarse sand, trace of gravel, brown.....    | 40 - 48     |
| Sand and gravel, brown.....                                    | 43.3 - 46   | Fine sand, coarse gravel, trace of clay.....                               | 0 - 13      | Refusal.....                                                | at 48       |
|                                                                |             | Fine to medium sand, gravel....                                            | 13 - 30     |                                                             |             |
| <b>DUXBURY W78.</b>                                            |             | Fine sand, trace of gravel.....                                            | 30 - 43     |                                                             |             |
| Fill.....                                                      | 0 - 3       | Fine sand, blue clay.....                                                  | 43 - 53     | <b>DUXBURY W141.</b>                                        |             |
| Very fine sand, brown.....                                     | 3 - 8       | Fine to coarse sand, gravel, trace of blue clay, silt.....                 | 53 - 71     | Fine sand, some coarse sand and gravel, brown.....          | 0 - 25      |
| Silt, brown.....                                               | 8 - 15      | Refusal.....                                                               | at 71       | Fine sand, some coarse sand, trace of gravel.....           | 25 - 30     |
| Silty clay, gray.....                                          | 15 - 23     | <b>DUXBURY W112.</b>                                                       |             | Fine sand, some coarse sand and gravel.....                 | 30 - 35     |
|                                                                |             | Peat, muck.....                                                            | 0 - 5       | Fine and coarse sand, trace of gravel, brown.....           | 35 - 50     |
| <b>DUXBURY W83.</b>                                            |             | Soft clay, brown.....                                                      | 5 - 11      | Fine sand, some coarse sand, trace of clay, gray-brown..... | 50 - 55     |
| Fine to medium sand and large gravel, brown.....               | 0 - 25      | Silty sand, gravel, mixed with brown clay.....                             | 11 - 22     | Fine sand, trace of coarse sand and clay, gray-brown.....   | 55 - 65     |
| Fine sand and some gravel with clay, brown.....                | 25 - 40     | Fine silt, brown.....                                                      | 22 - 29     | Fine sand, some coarse sand, brown.....                     | 65 - 82     |
| Hole drilled to 40.5 feet.                                     |             | Firm, gray, clay.....                                                      | 29 - 43     | Refusal.....                                                | at 82       |
|                                                                |             | Hardpan.....                                                               | 43 - 59     |                                                             |             |
|                                                                |             | Refusal.....                                                               | at 59       |                                                             |             |
| <b>DUXBURY W85.</b>                                            |             | <b>DUXBURY W115.</b>                                                       |             | <b>HALIFAX A3.</b>                                          |             |
| Fine to medium sand and gravel with specks of clay, brown..... | 0 - 20      | Peat.....                                                                  | 0 - 20      | Very fine sand, silt, tan.....                              | 0 - 5       |
| Fine sand, some small gravel, trace of clay, brown.....        | 20 - 35     | Gravel.....                                                                | 20 - 28     | Sand.....                                                   | 5 - 7       |
| Fine sand and gravel, brown.....                               | 35 - 40     | <b>DUXBURY W128.</b>                                                       |             | Very fine sand, darker color....                            | 7 - 8       |
|                                                                |             | Loam.....                                                                  | 0 - 2       | Sand and clay, brown.....                                   | 8 - 10      |
| <b>DUXBURY W86.</b>                                            |             | Fine sand, small, sharp gravel, yellow.....                                | 2 - 18      | Clay, gray and brown, streaked..                            | 10 - 15     |
| Peat.....                                                      | 0 - 6       | Fine to medium sand, sharp gravel, brown.....                              | 18 - 24     | Sandy clay, brown.....                                      | 15 - 25     |
| Fine to medium sand and gravel, specks of clay, brown.....     | 6 - 22      | Hardpan.....                                                               | 24 - 26     | Clay, gray.....                                             | 25 - 60     |
| Fine sand with sharp gravel, brown, and blue clay.....         | 22 - 28     | Refusal.....                                                               | at 26       | Clay, dark gray.....                                        | 60 - 70     |
| Refusal.....                                                   | at 28.5     | <b>DUXBURY W133.</b>                                                       |             | Clay, dark gray, hard, gritty....                           | 70 - 87     |
|                                                                |             | Fine sand, some coarse sand and gravel, brown.....                         | 0 - 20      |                                                             |             |
| <b>DUXBURY W87.</b>                                            |             | Compact, fine sand, some coarse sand and gravel, trace of clay, brown..... | 20 - 28     | <b>HANOVER A1.</b>                                          |             |
| Fine to medium sand and gravel, some clay, brown.....          | 0 - 21      | Refusal.....                                                               | at 28       | Very fine sand, some pebbles and gravel.....                | 0 - 11      |
| Fine sand and gravel, sharp, brown, with specks of clay.....   | 21 - 32.7   |                                                                            |             | Very fine sand, silt.....                                   | 11 - 23     |
| Refusal.....                                                   | at 32.7     | <b>DUXBURY W134.</b>                                                       |             | Clay, blue-gray.....                                        | 23 - 26     |
|                                                                |             | Fine and coarse sand, some gravel, brown.....                              | 0 - 20      | Boulders.....                                               | at 26       |
| <b>DUXBURY W89.</b>                                            |             | Fine sand, some coarse sand, trace of gravel, brown.....                   | 20 - 30     |                                                             |             |
| Fine to medium sand and large gravel with clay, brown.....     | 0 - 22.5    | Fine sand, gray.....                                                       | 30 - 40     | <b>HANOVER A2.</b>                                          |             |
| Fine to medium sand and gravel, brown.....                     | 22.5 - 34   | Fine sand, some coarse sand, red-brown.....                                | 40 - 50     | Fine to coarse sand, fine to coarse gravel.....             | 0 - 7       |
| Fine sand and gravel, some clay, brown.....                    | 34 - 39     | Fine sand, some coarse sand, gray-brown.....                               | 50 - 55     | Medium-fine to medium-coarse sand.....                      | 7 - 25      |
| Refusal.....                                                   | at 39       | Fine sand, trace of coarse sand and clay, gray.....                        | 55 - 69     | Sandy till.....                                             | 25 - 33     |
|                                                                |             | Refusal.....                                                               | at 69       |                                                             |             |
| <b>DUXBURY W92.</b>                                            |             | <b>DUXBURY W135.</b>                                                       |             | <b>HANOVER B1.</b>                                          |             |
| Fine to medium sand and large gravel, brown.....               | 0 - 21      | Fine sand, trace of coarse sand, brown.....                                | 0 - 28      | Mud.....                                                    | 0 - 2.3     |
| Fine to medium sand and gravel with clay, gray, tight.....     | 21 - 37     | Fine sand, some coarse sand, trace of gravel, brown.....                   | 28 - 38     | Fine sand, gravel.....                                      | 2.3 - 7     |
| Not reported.....                                              | 37 - 39.5   | Fine sand, brown.....                                                      | 38 - 43     | Hard, fine sand, gravel, hardpan.....                       | 7 - 10.3    |
| Refusal.....                                                   | at 39.5     | Fine sand, trace of coarse sand, brown.....                                | 43 - 48     | Refusal.....                                                | at 10.3     |
|                                                                |             | (Wells driven to 47 feet for group pumping test.)                          |             |                                                             |             |
| <b>DUXBURY W93.</b>                                            |             | Fine sand, some coarse sand and gravel, brown.....                         | 48 - 53     | <b>HANOVER B4.</b>                                          |             |
| Fine sand and gravel, some clay, brown.....                    | 0 - 21.5    | Fine sand, trace of coarse sand and silt, gray.....                        | 53 - 63     | Macadam pavement.....                                       | 0 - .5      |
| Fine sand, brown.....                                          | 21.5 - 37.5 | Very fine sand, trace of silt, gray.....                                   | 63 - 75     | Fine sand, gravel, stones.....                              | .5 - 6.5    |
| Fine sand, some gravel and clay, brown.....                    | 37.5 - 52   | Refusal.....                                                               | at 75       | Fine sand, trace of gravel, yellow.....                     | 6.5 - 8.5   |
|                                                                |             |                                                                            |             | Fine sand, some gravel, trace of clay, yellow.....          | 8.5 - 10.5  |
| <b>DUXBURY W98.</b>                                            |             |                                                                            |             | Very hard, fine sand, gravel, yellow.....                   | 10.5 - 14   |
| Fine sand, some gravel, clay.....                              | 0 - 27.3    |                                                                            |             | Refusal.....                                                | at 14       |
| Very fine sand, clay.....                                      | 27.3 - 32.6 |                                                                            |             |                                                             |             |
| Fine sand and clay.....                                        | 32.6 - 75.2 |                                                                            |             | <b>HANOVER W1.</b>                                          |             |
| Bedrock.....                                                   | at 75.2     |                                                                            |             | Peat.....                                                   | 0 - 13      |
|                                                                |             |                                                                            |             | Clay.....                                                   | 13 - 26     |
| <b>DUXBURY W99.</b>                                            |             |                                                                            |             | Fine sand.....                                              | 26 - 36.3   |
| Sand, gravel, and clay.....                                    | 0 - 21.9    | <b>DUXBURY W137.</b>                                                       |             | Sand.....                                                   | 36.3 - 41.5 |
| Fine sand, some gravel.....                                    | 21.9 - 26.2 | Fine sand, trace of coarse sand and gravel, brown.....                     | 0 - 20      | Fine to coarse sand.....                                    | 41.5 - 46.6 |
| Very fine sand, clay.....                                      | 26.2 - 68.8 | Fine sand, some coarse sand, brown.....                                    | 20 - 25     | Sand.....                                                   | 46.6 - 51.3 |
| Medium sand, clay.....                                         | 68.8 - 72.5 |                                                                            |             |                                                             |             |
| Bedrock.....                                                   | at 72.5     |                                                                            |             |                                                             |             |



Table 2.--Logs of selected wells and borings (Continued)

| Depth                             |             | Depth                             |         | Depth                            |             |
|-----------------------------------|-------------|-----------------------------------|---------|----------------------------------|-------------|
| <b>HANOVER W2.</b>                |             | <b>HANOVER W41.</b>               |         | <b>HANOVER W93.</b>              |             |
| Sand, gravel.....                 | 0 - 16      | Fine sand.....                    | 0 - 6   | Peat.....                        | 0 - 4       |
| Medium sand, fine gravel, some    |             | Coarse sand, gravel.....          | 6 - 20  | Hardpan and boulders.....        | 4 - 12      |
| clay.....                         | 16 - 27     | Coarse gravel.....                | 20 - 38 | Firm clay, gray.....             | 12 - 22     |
| Medium sand, gravel, red.....     | 27 - 32     | Hard-packed gravel.....           | 38 - 46 | Sharp gravel and hardpan.....    | 22 - 24     |
| Sand, gravel, brown.....          | 32 - 49     | Coarse gravel.....                | 46 - 56 | Refusal.....                     | at 24       |
| Sand, gravel, red.....            | 49 - 53     | (8-inch well at this site drilled |         |                                  |             |
| Sand, gravel, brown.....          | 53 - 58     | 55 feet to hardpan.)              |         | <b>HANOVER W94.</b>              |             |
| <b>HANOVER W3.</b>                |             | <b>HANOVER W42.</b>               |         | Peat.....                        | 0 - 5       |
| Hard clay and gravel.....         | 0 - 10      | Log of 8-inch well at site.       |         | Fine sand and firm clay, gray... | 5 - 16      |
| Coarse gravel.....                | 10 - 65     | Coarse sand.....                  | 0 - 5   | Hardpan and sharp gravel.....    | 16 - 21     |
| Hardpan.....                      | 65 - 67     | Medium gravel.....                | 5 - 10  | Refusal.....                     | at 21       |
| Bedrock.....                      | at 67       | Medium gravel, some stone.....    | 10 - 15 | <b>HANOVER W95.</b>              |             |
| <b>HANOVER W5.</b>                |             | Medium to coarse gravel.....      | 15 - 20 | Gravel, boulders, and hardpan... | 0 - 16      |
| Hard-packed gravel, small         |             | Coarse gravel.....                | 20 - 30 | Refusal.....                     | at 16       |
| boulders.....                     | 0 - 12      | Coarse sand and gravel.....       | 30 - 35 | <b>HANOVER W104.</b>             |             |
| Medium gravel.....                | 12 - 18     | Coarse sand.....                  | 35 - 40 | Clay.....                        | 0 - 60      |
| Coarse gravel.....                | 18 - 40     | Coarse sand, some gravel.....     | 40 - 50 | Hardpan.....                     | 60 - 81     |
| Hardpan, gravel.....              | 40 - 52     | <b>HANOVER W43.</b>               |         | <b>HANOVER W117.</b>             |             |
| <b>HANOVER W6.</b>                |             | Clay and rock, some fine sand,    |         | Coarse gravel.....               | 0 - 10      |
| No record.....                    | 0 - 20.7    | brown.....                        | 0 - 7   | Gravel and clay.....             | 10 - 20     |
| Fine to coarse sand.....          | 20.7 - 26.2 | Clay, brown and gray, mixed       |         | Medium gravel.....               | 20 - 30     |
| Fine sand.....                    | 26.2 - 41.6 | with gravel.....                  | 7 - 14  | Hardpan and gravel.....          | 30 - 40     |
| <b>HANOVER W7.</b>                |             | Clay and gravel, gray.....        | 14 - 21 | Hard-packed sand.....            | 40 - 45     |
| Fill.....                         | 0 - 2       | Clay, gray, and sharp gravel...   | 21 - 26 | Bedrock.....                     | 45 - 48     |
| Fine sand.....                    | 2 - 5       | Refusal.....                      | at 26   | <b>HANOVER W118.</b>             |             |
| Coarse gravel.....                | 5 - 7       | <b>HANOVER W63.</b>               |         | Clay, blue.....                  | 0 - 20      |
| Hard clay, gravel.....            | 7 - 15      | Fine sand.....                    | 0 - 3   | Coarse gravel.....               | 20 - 50     |
| Very coarse, hard-packed gravel.. | 15 - 34     | Silt.....                         | 3 - 42  | Fine, sticky sand, gray.....     | 50 - 60     |
| Coarse gravel.....                | 34 - 42     | Fine sand.....                    | 42 - 48 | <b>HANSON A16.</b>               |             |
| (8-inch well penetrated to        |             | Hardpan.....                      | 48 - 51 | Fill.....                        | 0 - 10      |
| hardpan at 55 feet.)              |             | <b>HANOVER W68.</b>               |         | Organic sand, silt.....          | 10 - 13     |
| <b>HANOVER W9.</b>                |             | Sand and clay.....                | 0 - 3   | Silty clay, light gray.....      | 13 - 33     |
| Log of 28-inch test well at site. |             | Sand and gravel.....              | 3 - 16  | Refusal.....                     | at 33       |
| Fine to medium sand, brown.....   | 0 - 10      | Sandy clay.....                   | 16 - 34 | <b>HANSON A20.</b>               |             |
| Medium to coarse sand, brown..... | 10 - 20     | Hard clay, sharp gravel.....      | 34 - 37 | Sand, tan.....                   | 0 - 7       |
| Coarse sand, fine gravel.....     | 20 - 32     | Refusal.....                      | at 37   | Clay, round pebbles, sand,       |             |
| Fine to medium sand, brown.....   | 32 - 40     | <b>HANOVER W71.</b>               |         | silt.....                        | 7 - 15      |
| Fine sand and clay, gray.....     | 40 - 53     | Sand, gravel, boulders.....       | 0 - 26  | No record.....                   | 15 - 20     |
| Refusal.....                      | at 53       | Fine sand, gray, sharp gravel...  | 26 - 36 | Clay, round pebbles, sand,       |             |
| <b>HANOVER W11.</b>               |             | Refusal.....                      | at 36   | silt.....                        | 20 - 25     |
| Fill.....                         | 0 - 2       | <b>HANOVER W72.</b>               |         | Clay, sand, boulders.....        | 25 - 30     |
| Coarse gravel.....                | 2 - 14      | Peat.....                         | 0 - 1   | Refusal.....                     | at 30       |
| Fine sand, gray.....              | 14 - 20     | Fine sand.....                    | 1 - 10  | <b>HANSON A21.</b>               |             |
| Clay.....                         | 20 - 58     | Soft clay.....                    | 10 - 21 | Topsoil.....                     | 0 - 2       |
| Refusal.....                      | at 58       | Hardpan, boulders.....            | 21 - 24 | Fine sand, silt, boulders at     |             |
| <b>HANOVER W14.</b>               |             | Refusal.....                      | at 24   | 8 feet.....                      | 2 - 8       |
| Fine sand, brown.....             | 0 - 10      | <b>HANOVER W74.</b>               |         | Very fine to fine sand.....      | 8 - 25      |
| Medium to coarse sand, brown..... | 10 - 17     | Sand, gravel.....                 | 0 - 3   | Very fine to fine sand,          |             |
| Fine sand, brown.....             | 17 - 32     | Soft clay, gray.....              | 3 - 15  | somewhat coarser than above...   | 25 - 30     |
| <b>HANOVER W16.</b>               |             | Fine sand, gravel.....            | 15 - 26 | <b>HANSON W4.</b>                |             |
| Clay, brown.....                  | 0 - 15      | Clay, sharp gravel.....           | 26 - 39 | Medium sand.....                 | 0 - 50      |
| Fine sand, sharp gravel, and      |             | Hardpan.....                      | 39 - 44 | Depth of                         |             |
| clay, brown.....                  | 15 - 25     | Refusal.....                      | at 44   | sampled zone                     |             |
| Fine sand, gravel, and trace of   |             | <b>HANOVER W76.</b>               |         | <b>HANSON W57.</b>               |             |
| clay, brown.....                  | 25 - 35     | Sand, gravel.....                 | 0 - 6   | Fine to coarse gravel, sand,     |             |
| Sand and sharp gravel, trace      |             | Fine sand, yellow.....            | 6 - 38  | and silt, light tan.....         | 5 to 6.6    |
| of clay.....                      | 35 - 40     | Silt, clay.....                   | 38 - 70 | Loose, fine to very coarse       |             |
| Sand, gravel, and clay.....       | 40 - 46     | Firm clay, gray.....              | 70 - 76 | sand and very fine to medium     |             |
| Refusal.....                      | at 46       | Refusal.....                      | at 76   | gravel, red-brown, some silt..   | 10 to 11.6  |
| <b>HANOVER W17.</b>               |             | <b>HANOVER W77.</b>               |         | Fine to coarse gravel and very   |             |
| Fine sand and gravel, brown.....  | 0 - 15      | Sand and gravel.....              | 0 - 18  | fine to coarse sand.....         | 15 to 16.6  |
| Sand, gravel, and silty clay,     |             | Hardpan.....                      | 18 - 34 | Fine sand and sandy gravel,      |             |
| brown.....                        | 15 - 29     | <b>HANOVER W79.</b>               |         | light brown.....                 | 20 to 23    |
| Hardpan.....                      | 29 - 33     | Clay, boulders, yellow.....       | 0 - 7   | Sand and gravel, many shale      |             |
| Refusal.....                      | at 33       | Medium sand, gravel.....          | 7 - 28  | fragments, light brown.....      | 25 to 26.6  |
| <b>HANOVER W21.</b>               |             | Fine sand, gray, sharp gravel...  | 28 - 34 | Sand and gravel, brown.....      | 30 to 36.6  |
| Loam and clay.....                | 0 - 3       | Hardpan.....                      | 34 - 36 | Boulder reported.....            | 35 to 40    |
| Medium to coarse gravel.....      | 3 - 9       | Refusal.....                      | at 36   | Sand and clay, pebbles, gray     |             |
| Clay.....                         | 9 - 41      | <b>HANOVER W81.</b>               |         | and brown (till?).....           | 45 to 46.5  |
| Hardpan.....                      | 41 - 47     | Sand, scattered gravel.....       | 0 - 27  | Clay-rich till, dark blue to     |             |
| Refusal.....                      | at 47       | Soft clay, gray.....              | 27 - 31 | black and light gray.....        | 50 to 51    |
| <b>HANOVER W23.</b>               |             | Sand, gravel.....                 | 31 - 54 | <b>HANSON W76.</b>               |             |
| Fine sand, gravel, clay, gray...  | 0 - 25      | Fine sand, sharp gravel, clay..   | 54 - 66 | Fine sand.....                   | 0 - 3.2     |
| Hardpan and sharp sand.....       | 25 - 30     | Refusal.....                      | at 66   | Cobbles, gravel, and sand.....   | 3.2 - 8.2   |
| Hardpan.....                      | 30 - 34     | <b>HANOVER W89.</b>               |         | Gravel, sand.....                | 8.2 - 13.2  |
| Refusal.....                      | at 34       | Clay, brown, and fine sand.....   | 0 - 12  | Sand, some gravel.....           | 13.2 - 18.2 |
| <b>HANOVER W26.</b>               |             | Fine sand, brown, and sharp       |         | Sand.....                        | 18.2 - 23.2 |
| Gravel.....                       | 0 - 7       | gravel, trace of clay.....        | 12 - 20 | Medium sand.....                 | 23.2 - 26.2 |
| Clay, silt.....                   | 7 - 34      | Sharp sand, gravel, and silty     |         | <b>HANSON W80.</b>               |             |
| <b>HANOVER W36.</b>               |             | clay.....                         | 20 - 29 | Sand, sharp gravel, boulders...  | 0 - 20.3    |
| Fine sand.....                    | 0 - 22      | Refusal.....                      | at 29   | Refusal.....                     | at 20.3     |
| Clay.....                         | 22 - 52     | <b>HANOVER W90.</b>               |         | <b>HANSON W81.</b>               |             |
| Sand and gravel.....              | 52 - 60     | Clay and gravel.....              | 0 - 3   | Hard sand, gravel, and           |             |
| <b>HANOVER W40.</b>               |             | Firm clay, brown.....             | 3 - 34  | boulders.....                    | 0 - 5       |
| Clay.....                         | 0 - 63      | Refusal.....                      | at 34   | Hard sand, sharp gravel,         |             |
|                                   |             |                                   |         | boulders, and clay.....          | 5 - 18.3    |
|                                   |             |                                   |         | Refusal.....                     | at 18.3     |

Table 2.--Logs of selected wells and borings (Continued)

|                                                                                                                                                          | Depth       |                                                                                     | Depth       |                                                             | Depth       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------|-------------|
| <b>HANSON W22.</b>                                                                                                                                       |             | <b>HINGHAM W24.</b>                                                                 |             | <b>HINGHAM W61.</b>                                         |             |
| Sand, gravel, boulders.....                                                                                                                              | 0 - 10      | Fine sand, gravel, some clay,<br>gray.....                                          | 0 - 20.3    | Sharp sand and gravel, finer at<br>bottom, gray.....        | 0 - 24.8    |
| Sand, gravel, rocks, and<br>clay, brown.....                                                                                                             | 10 - 15.2   | Fine sand, clay, gray.....                                                          | 20.3 - 25.3 | Fine sand and clay.....                                     | 20.8 - 45   |
| Fine sand, clay, brown.....                                                                                                                              | 15.2 - 24.4 | Fine sand, some sharp gravel<br>and clay, gray.....                                 | 25.3 - 58   | Fine sand and sharp gravel.....                             | 46.5 - 56   |
| Refusal.....                                                                                                                                             | at 24.4     | Sand, sharp gravel, and clay.....                                                   | 58 - 65.4   | Bedrock.....                                                | at 56       |
| <b>HANSON W11.</b>                                                                                                                                       |             | Bedrock.....                                                                        | at 65.4     | <b>HINGHAM W64.</b>                                         |             |
| Loam.....                                                                                                                                                | 0 - 2       | <b>HINGHAM W28.</b>                                                                 |             | Sand and gravel.....                                        | 0 - 14      |
| Sand, yellow clay, sharp gravel.....                                                                                                                     | 2 - 19      | Peat and clay.....                                                                  | 0 - 25.3    | Clay and sand.....                                          | 14 - 35     |
| Clay, yellow.....                                                                                                                                        | 19 - 22     | Fine sand and clay.....                                                             | 25.3 - 32   | Fine sand and clay, sharp gravel.....                       | 35 - 42.3   |
| Hard clay, gray.....                                                                                                                                     | 22 - 24     | Medium to fine sand and clay.....                                                   | 32 - 37     | Bedrock or rock.....                                        | 42.3 - 45   |
| <b>HANSON W16.</b>                                                                                                                                       |             | Fine sand, trace of clay.....                                                       | 37 - 47.3   | <b>HINGHAM W67.</b>                                         |             |
| Fine to coarse sand, clay, mixed<br>with fine gravel.....                                                                                                | 0 - 21      | Fine sand, brown.....                                                               | 47.3 - 58   | Coarse gravel, fine sand and<br>clay.....                   | 0 - 20      |
| Fine sand to medium gravel,<br>broken stone, pebbles.....                                                                                                | 21 - 48     | Fine sand, some coarse sand,<br>brown.....                                          | 58 - 63.3   | Fine sand and clay.....                                     | 20 - 33     |
| Refusal.....                                                                                                                                             | at 48       | Fine sand, spots of clay.....                                                       | 63.3 - 68.4 | Bedrock or rock.....                                        | 33 - 33.7   |
| <b>HANSON W20.</b>                                                                                                                                       |             | Fine sand and clay, hard at<br>70.3 feet.....                                       | 68.4 - 74   | <b>HINGHAM W73.</b>                                         |             |
| Fine sand, broken stone, silt.....                                                                                                                       | 0 - 21      | Fine sand, sharp gravel, and<br>clay.....                                           | 74 - 77     | Sand, sharp gravel, and clay.....                           | 0 - 25.8    |
| Very fine to fine sand, clay,<br>and silt; hardpan.....                                                                                                  | 21 - 27.5   | <b>HINGHAM W29.</b>                                                                 |             | Bedrock or rock.....                                        | at 25.8     |
| Refusal.....                                                                                                                                             | at 27.5     | Medium to fine sand and clay.....                                                   | 0 - 20.9    | <b>HINGHAM W79.</b>                                         |             |
| <b>HANSON W26.</b>                                                                                                                                       |             | Fine sand and clay.....                                                             | 20.9 - 47.3 | Fine sand, clay, some sharp<br>gravel.....                  | 0 - 28.2    |
| Peat, fine sand, clay, and some<br>broken stone.....                                                                                                     | 0 - 21      | Medium to fine sand, trace of<br>clay, some coarse sand and<br>trace of gravel..... | 47.3 - 52.3 | Fine sand, sharp gravel.....                                | 28.2 - 33.2 |
| Fine sand, clay, and silt.....                                                                                                                           | 21 - 37     | Medium to fine sand, gravel,<br>trace of clay.....                                  | 52.3 - 57.7 | Bedrock or rock.....                                        | 33.2 - 35.2 |
| Fine sand, silt, some pebbles,<br>trace of clay.....                                                                                                     | 37 - 42     | Medium to fine sand and gravel,<br>grayish brown.....                               | 57.7 - 63.2 | <b>HINGHAM W82.</b>                                         |             |
| Fine sand with silt and clay,<br>trace of medium sand.....                                                                                               | 42 - 69.7   | Fine sand, gray.....                                                                | 63.2 - 68.3 | Medium to fine sand, some sharp<br>gravel.....              | 0 - 18.8    |
| Refusal.....                                                                                                                                             | at 69.7     | <b>HINGHAM W32.</b>                                                                 |             | Medium to fine sand, some sharp<br>gravel, gray.....        | 18.8 - 24.6 |
| <b>HANSON W27.</b>                                                                                                                                       |             | Medium to fine sand, gravel,<br>trace of clay.....                                  | 0 - 21.8    | Fine sand, some small stones,<br>gray.....                  | 24.6 - 30.3 |
| Peat, fine sand, clay, and<br>broken stone.....                                                                                                          | 0 - 26      | Bedrock.....                                                                        | at 21.8     | Fine sand and clay.....                                     | 30.3 - 42.7 |
| Fine to coarse sand, silt.....                                                                                                                           | 26 - 42     | <b>HINGHAM W33.</b>                                                                 |             | Fine sand, sharp gravel and clay.....                       | 42.7 - 47.2 |
| Fine to medium sand, clay.....                                                                                                                           | 42 - 70     | Medium to fine sand, some<br>gravel and clay.....                                   | 0 - 21      | Gravel and clay.....                                        | 47.2 - 51.2 |
| Refusal.....                                                                                                                                             | at 70       | Fine sand, some gravel and clay.....                                                | 21 - 36.7   | Refusal.....                                                | at 51.2     |
| <b>HANSON W29.</b>                                                                                                                                       |             | Bedrock.....                                                                        | at 36.7     | <b>HINGHAM W84.</b>                                         |             |
| Fine sand, some gravel, some<br>stones.....                                                                                                              | 0 - 21      | <b>HINGHAM W42.</b>                                                                 |             | Fine sand, clay, some small<br>stones, gray.....            | 0 - 24      |
| Fine to coarse sand.....                                                                                                                                 | 21 - 27     | Peat.....                                                                           | 0 - 15      | Medium to fine sand, some clay,<br>sharp gravel, brown..... | 24 - 28.4   |
| Refusal.....                                                                                                                                             | at 27       | Fine to medium sand, gravel,<br>brown.....                                          | 15 - 21.2   | Medium to fine sand, sharp<br>gravel.....                   | 28.4 - 33.8 |
| <b>HINGHAM B4.</b>                                                                                                                                       |             | Coarse gravel, trace of sand.....                                                   | 21.2 - 31.9 | Well not washed, pumped free.....                           | 33.8 - 39.1 |
| Loamy sand.....                                                                                                                                          | 0 - 2       | Fine to medium sand, gravel.....                                                    | 31.9 - 53.3 | Medium sand and gravel, sharp.....                          | 39.1 - 44.5 |
| Firm, medium sand, gravel.....                                                                                                                           | 2 - 4       | Fine to medium sand, gravel.....                                                    | 53.3 - 64   | Medium sand, sharp gravel,<br>trace of clay.....            | 44.5 - 49.9 |
| Hard, medium sand, gravel.....                                                                                                                           | 4 - 8       | Clean gravel.....                                                                   | 64 - 95     | <b>HINGHAM W85.</b>                                         |             |
| Firm, medium sand.....                                                                                                                                   | 8 - 14      | Coarse sand, trace of clay, gray.....                                               | 95 - 100    | Medium sand.....                                            | 0 - 20      |
| Hard, very fine sand, trace of<br>clay.....                                                                                                              | 14 - 23     | Bedrock.....                                                                        | 100 - 106.7 | Pumped free, medium sand.....                               | 20 - 26     |
| Refusal.....                                                                                                                                             | at 23       | <b>HINGHAM W43.</b>                                                                 |             | Medium sand and gravel.....                                 | 26 - 37     |
| <b>HANSON B6.</b>                                                                                                                                        |             | Fill.....                                                                           | 0 - .5      | Medium sand.....                                            | 37 - 42     |
| Depth of Weir River.....                                                                                                                                 | 1.3         | Mud.....                                                                            | .5 - 2.5    | Trace of clay, sharp gravel.....                            | 42 - 45     |
| River bed material and soft mud.....                                                                                                                     | 2.8         | Boulders, gravel, trace of clay.....                                                | 2.5 - 17    | <b>HINGHAM W88.</b>                                         |             |
| Fine sand, gravel, blue.....                                                                                                                             | 2.8 - 6.3   | Sand, little gravel.....                                                            | 17 - 34     | Well not washed, pumped fine<br>sand.....                   | 0 - 21.2    |
| Hard sand, gravel, very little<br>clay.....                                                                                                              | 6.3 - 8.8   | Gravel, stones to 3 inches in<br>diameter, some sand.....                           | 34 - 37     | Fine sand, sharp gravel and<br>clay, gray.....              | 21.2 - 29   |
| Hardpan, hard sand, gravel, clay.....                                                                                                                    | 8.8 - 12.8  | Sand, gravel.....                                                                   | 37 - 47     | Refusal.....                                                | at 29       |
| Refusal.....                                                                                                                                             | at 12.8     | Coarse gravel, brown.....                                                           | 47 - 62     | <b>HINGHAM W90.</b>                                         |             |
| <b>HINGHAM W1.</b>                                                                                                                                       |             | Gravel, stones 0.5 to 2 inches<br>in diameter, little sand,<br>gray.....            | 62 - 71     | Sand, clay, sharp gravel.....                               | 0 - 23.2    |
| Sand.....                                                                                                                                                | 0 - 26      | Gravel, stones 0.5 to 2 inches<br>in diameter, little sand,<br>brown.....           | 71 - 73     | Refusal.....                                                | at 23.2     |
| <b>HINGHAM W13.</b>                                                                                                                                      |             | <b>HINGHAM W44.</b>                                                                 |             | <b>HINGHAM W91.</b>                                         |             |
| Peat, sand, clay, and stones,<br>gravel, brown.....                                                                                                      | 0 - 17.5    | Fine to medium sand and gravel,<br>clay, hardpan, brown.....                        | 0 - 30      | Sand, some stones.....                                      | 0 - 20      |
| Gravel, stones, very sharp, with<br>fine sand and clay, gray.....                                                                                        | 17.5 - 22.2 | Fine to coarse sand, brown.....                                                     | 30 - 50     | Sand, clay.....                                             | 20 - 58.3   |
| Refusal.....                                                                                                                                             | at 22.2     | Fine to medium sand, some clay<br>at 64 feet, brown.....                            | 50 - 64     | Sand, sharp gravel, and clay.....                           | 58.3 - 64.2 |
| <b>HINGHAM W18.</b>                                                                                                                                      |             | Fine to medium sand, gray-brown,<br>at 64 feet, brown.....                          | 64 - 74     | Refusal.....                                                | at 64.2     |
| Peat, clay, and gravel mixed,<br>changing to clay and fine sand.<br>Fine sand and clay, occasional<br>layers of hard-packed, very<br>dry, gray clay..... | 0 - 15.9    | Fine to coarse sand and<br>gravel, brown.....                                       | 74 - 78     | <b>HINGHAM W93.</b>                                         |             |
| Sand and gravel with trace of<br>clay, stones.....                                                                                                       | 15.9 - 67.5 | Medium to coarse sand and<br>gravel, brown.....                                     | 78 - 88.5   | Sand, sharp gravel, and clay.....                           | 0 - 26.1    |
| Bedrock.....                                                                                                                                             | 67.5 - 74.3 | Large boulders and hardpan.....                                                     | at 88.5     | Refusal.....                                                | at 26.1     |
| <b>HINGHAM W19.</b>                                                                                                                                      |             | <b>HINGHAM W54.</b>                                                                 |             | <b>HINGHAM W94.</b>                                         |             |
| Sand and gravel.....                                                                                                                                     | 0 - 3       | Hardpan and clay.....                                                               | 0 - 18.2    | Gravel and sand.....                                        | 0 - 15      |
| Hard clay.....                                                                                                                                           | 3 - 6       | Bedrock or rock.....                                                                | at 18.2     | Sand and clay.....                                          | 15 - 32     |
| Soft clay.....                                                                                                                                           | 6 - 10      | <b>HINGHAM W58.</b>                                                                 |             | Sand, sharp gravel, and clay.....                           | 32 - 36.9   |
| Clay, some sand.....                                                                                                                                     | 10 - 18     | Fine sand, sharp gravel and clay<br>and bedrock or rock.....                        | 0 - 20      | Refusal.....                                                | at 36.9     |
| Fine sand and clay.....                                                                                                                                  | 18 - 41     | Bedrock.....                                                                        | at 20       | <b>HINGHAM W98.</b>                                         |             |
| Fine sand, clay, and gravel.....                                                                                                                         | 41 - 44.8   | <b>HINGHAM W60.</b>                                                                 |             | Sand and sharp gravel, gray.....                            | 70.6 - 80.3 |
| <b>HINGHAM W22.</b>                                                                                                                                      |             | Medium to fine sand, some sharp<br>gravel and clay.....                             | 0 - 20.8    | <b>HINGHAM W99.</b>                                         |             |
| Fine sand, some gravel and<br>clay, gray.....                                                                                                            | 0 - 22      | Medium to fine sand, sharp<br>gravel.....                                           | 20.8 - 37.6 | Gravel.....                                                 | 0 - 22      |
|                                                                                                                                                          |             | Sand, some coarse sand, trace<br>of clay, gray.....                                 | 37.6 - 43.5 | Fine sand and clay.....                                     | 22 - 36.3   |
|                                                                                                                                                          |             |                                                                                     |             | Sand, sharp gravel, and<br>clay.....                        | 36.3 - 42.8 |

Table 2.--Logs of selected wells and borings (Continued)

|                                   | Depth       |                                  | Depth     |                                   | Depth       |
|-----------------------------------|-------------|----------------------------------|-----------|-----------------------------------|-------------|
| <b>HINGHAM W102.</b>              |             | <b>HINGHAM W160.</b>             |           | <b>KINGSTON A1.</b>               |             |
| Peat.....                         | 0 - 4       | Peat.....                        | 0 - 2     | Fine sand, brown.....             | 0 - 6       |
| Fine to medium sand, small        |             | Fine sand and gravel with clay,  |           | Medium sand.....                  | 6 - 7       |
| gravel, gray.....                 | 4 - 25      | gray changing to brown.....      | 2 - 21    | Coarse gravel, cobbles.....       | 7 - 10      |
| Fine sand, large sharp gravel,    |             | Fine to medium sand and gravel,  | 21 - 58   | Refusal on boulders.....          | at 10       |
| and clay, gray.....               | 25 - 31     | brown.....                       |           | <b>KINGSTON A2.</b>               |             |
| Fine sand, small gravel, and      |             | Fine sand and gravel with        |           | Medium sand, gravel at 2.5 feet.  | 0 - 2.5     |
| clay, gray.....                   | 31 - 36.7   | trace of clay, brown.....        | 58 - 63   | Medium to coarse sand.....        | 2.5 - 10    |
| Refusal.....                      | at 36.7     | Not reported.....                | 63 - 65   | Very coarse sand, brown.....      | 10 - 20     |
|                                   |             | Refusal.....                     | at 65     | Very coarse sand, cobbles.....    | 20 - 25     |
|                                   |             |                                  |           | No record.....                    | 25 - 31     |
|                                   |             |                                  |           | Refusal.....                      | at 31       |
| <b>HINGHAM W103.</b>              |             | <b>HINGHAM W164.</b>             |           | <b>KINGSTON B1.</b>               |             |
| Fine to medium sand and large     |             | Peat.....                        | 0 - 5     | Loam, sand, gravel, boulders...   | 0 - 7       |
| rocks, brown.....                 | 0 - 7       | Fine to medium sand and large    |           | Coarse sand, gravel, boulders,    |             |
| Medium sand, brown.....           | 7 - 20      | gravel, brown.....               | 5 - 26    | yellow.....                       | 7 - 9.5     |
| Fine sand, brown.....             | 20 - 31     | Fine sand and gravel, brown..... | 26 - 31   | Fine sand, yellow.....            | 9.5 - 56    |
| Fine sand and clay, brown.....    | 31 - 56     | Fine sand, some gravel and       |           | Coarse sand, gravel, boulders,    |             |
|                                   |             | clay, brown.....                 | 31 - 48   | gray.....                         | 56 - 84.5   |
|                                   |             | Refusal.....                     | at 48     | <b>KINGSTON B3.</b>               |             |
| <b>HINGHAM W104.</b>              |             | <b>HINGHAM W166.</b>             |           | <b>KINGSTON B5.</b>               |             |
| Topsoil, sand and gravel, brown.. | 0 - 3       | Fine sand and gravel, brown      | 0 - 26    | Fine sand.....                    | 0 - 7       |
| Peat.....                         | 3 - 7       | changing to gray.....            |           | Fine sand, silt, some gravel....  | 7 - 19      |
| Fine to medium sand and large     |             | Fine sand and gravel with        |           | Fine to coarse sand, gravel,      |             |
| broken gravel, brown-gray.....    | 7 - 20      | trace of clay, gray.....         | 26 - 37   | some silt.....                    | 19 - 24     |
| Not reported.....                 | 20 - 22.5   | Refusal.....                     | at 37     | Fine sand, some silt.....         | 24 - 26     |
| Refusal.....                      | at 22.5     |                                  |           |                                   |             |
| <b>HINGHAM W110.</b>              |             | <b>HINGHAM W169.</b>             |           | <b>KINGSTON B6.</b>               |             |
| Fine sand and gravel, brown       |             | Fine sand with large broken      |           | Soft silt, trace of fine sand...  | 0 - 2       |
| changing to gray.....             | 0 - 20      | gravel and clay, gray.....       | 0 - 26.5  | Clay, gray, interbedded with      |             |
| Fine sand and clay, gray.....     | 20 - 56     | Fine sand with broken gravel     |           | brown silt.....                   | 2 - 8       |
| Fine sand with some gravel        |             | and clay, gray.....              | 26.5 - 32 | Silt, brown, and clay, gray.....  | 8 - 18      |
| and clay, gray.....               | 56 - 61     | Fine sand with gravel and        |           | Fine sand, some silt.....         | 18 - 21     |
| Fine sand and clay, gray.....     | 61 - 72     | clay, brown.....                 | 32 - 42   | Fine to medium sand, some silt,   |             |
| Refusal.....                      | at 72       | Not reported.....                | 42 - 44.5 | compact.....                      | 21 - 24     |
|                                   |             | Refusal.....                     | at 44.5   | <b>KINGSTON B7.</b>               |             |
| <b>HINGHAM W112.</b>              |             | <b>HINGHAM W173.</b>             |           | <b>KINGSTON B8.</b>               |             |
| Fine sand, gray.....              | 0 - 14      | Fine sand, small gravel, gray    |           | Fill.....                         | 0 - 4       |
| Fine sand and clay, gray.....     | 14 - 19     | and brown.....                   | 0 - 36    | Medium sand, gravel, boulders,    |             |
| Sharp gravel, sand, and clay,     |             | Fine to medium sand, small       |           | yellow.....                       | 4 - 12.5    |
| gray.....                         | 19 - 36.5   | gravel, trace of clay, brown..   | 36 - 48   | Medium sand, gravel, yellow.....  | 12.5 - 18.5 |
| Refusal.....                      | at 36.5     | Refusal.....                     | at 48     | Fine sand, some clay, yellow..... | 18.5 - 40.5 |
| <b>HINGHAM W115.</b>              |             | <b>HINGHAM W184.</b>             |           | <b>KINGSTON W1.</b>               |             |
| Fine sand, brown.....             | 0 - 21      | Peat.....                        | 0 - 15    | Peat.....                         | 0 - 1.5     |
| Fine sand and clay, gray.....     | 21 - 58     | Fine sand with gravel and        |           | Coarse sand.....                  | 1.5 - 9     |
| Fine sand, sharp gravel, and      |             | clay, brown.....                 | 15 - 28.5 | Fine sand, scattered gravel....   | 9 - 20.5    |
| clay, gray.....                   | 58 - 67     | Refusal.....                     | at 28.5   | Fine sand, clay.....              | 20.5 - 25   |
| <b>HINGHAM W117.</b>              |             | <b>HINGHAM W188.</b>             |           | <b>KINGSTON W6.</b>               |             |
| Peat.....                         | 0 - 4       | Clay, fine sand.....             | 0 - 22    | Coarse sand, brown.....           | 0 - 5       |
| Fine sand and some gravel, brown. | 4 - 20      | Sharp gravel.....                | 22 - 56   | Fine sand.....                    | 5 - 16      |
| Fine sand, grading to gravel,     |             | Sand, clay.....                  | 56 - 61.5 | Fine sand, clay, gray.....        | 16 - 27     |
| trace of clay, brown.....         | 20 - 35     | <b>HINGHAM W210.</b>             |           | Sharp gravel, fine sand, clay,    |             |
| Fine to medium sand, some gravel  |             | Peat.....                        | 0 - 15    | boulders.....                     | 27 - 43     |
| and clay, brown.....              | 35 - 40     | Sand, gravel, clay, gray.....    | 15 - 30   | Fine sand, sharp gravel, clay,    |             |
| Fine to medium sand and gravel,   |             | Sharp gravel, sand, and clay,    |           | gray.....                         | 43 - 46     |
| brown.....                        | 40 - 44.5   | gray.....                        | 30 - 36   | Refusal.....                      | at 46       |
|                                   |             | Refusal.....                     | at 36     | <b>KINGSTON W7.</b>               |             |
| <b>HINGHAM W126.</b>              |             | <b>HINGHAM W211.</b>             |           | <b>KINGSTON W8.</b>               |             |
| Fine to medium sand and gravel    |             | Peat.....                        | 0 - 5     | Sand, gravel.....                 | 0 - 19      |
| with some clay on top, brown...   | 0 - 20.5    | Fine sand, gray.....             | 5 - 42    | Clay.....                         | 19 - 71     |
| Fine sand and sharp gravel,       |             | Refusal.....                     | at 42     | Gravel.....                       | 71 - 86     |
| brown.....                        | 20.5 - 38.1 | <b>HINGHAM W212.</b>             |           | <b>KINGSTON W12.</b>              |             |
| Refusal.....                      | at 38.1     | Peat.....                        | 0 - 6     | Peat.....                         | 0 - 3       |
| <b>HINGHAM W131.</b>              |             | <b>HINGHAM W214.</b>             |           | <b>KINGSTON W230.</b>             |             |
| Peat.....                         | 0 - 2       | Sand, gravel, gray.....          | 0 - 21    | Log of 2 1/2-inch well at site.   |             |
| Fine sand and large gravel,       |             | Fine sand, gray.....             | 21 - 33   | Fine sand, brown.....             | 0 - 15      |
| brown.....                        | 2 - 19      | Sharp gravel, sand, gray.....    | 33 - 43   | Fine sand, clay, brown.....       | 15 - 25     |
| Fine to medium sand and gravel,   |             | <b>HINGHAM W222.</b>             |           | Sand, gravel, trace of clay....   | 25 - 57     |
| brown.....                        | 19 - 25     | Sharp gravel, sand, gray.....    | 0 - 15    | Sand, some gravel, clay.....      | 57 - 67     |
| Fine sand and sharp gravel,       |             | Sharp gravel, sand, clay, gray.. | 15 - 21   | Refusal on bedrock.....           | at 67       |
| brown.....                        | 25 - 35.5   | Sand, gravel, clay, gray.....    | 21 - 28   |                                   |             |
| Fine sand and sharp gravel with   |             | Medium sand, clay.....           | 28 - 36   | <b>KINGSTON W2.</b>               |             |
| trace of clay, brown.....         | 35.5 - 40.7 | Sharp gravel, sand, clay.....    | 36 - 47   | Peat.....                         | 0 - 3       |
| Refusal.....                      | at 40.7     | <b>HINGHAM W228.</b>             |           | Fine sand, clay, yellow.....      | 3 - 15      |
| <b>HINGHAM W146.</b>              |             | <b>HINGHAM W230.</b>             |           | <b>KINGSTON W3.</b>               |             |
| Gravel, some clay, brown.....     | 0 - 22.6    | Log of 2 1/2-inch well at site.  |           | Sand, gravel.....                 | 0 - 19      |
| Fine sand, clay, brown.....       | 22.6 - 27.7 | Fine sand, brown.....            | 0 - 15    | Clay.....                         | 19 - 71     |
| Sand, clay, brown.....            | 27.7 - 32.7 | Fine sand, clay, brown.....      | 15 - 25   | Gravel.....                       | 71 - 86     |
| Sand and clay, gray-brown.....    | 32.7 - 37.8 | Sand, gravel, trace of clay....  | 25 - 57   | <b>KINGSTON W12.</b>              |             |
| Clay, fine sand, gray.....        | 37.8 - 42.8 | Sand, some gravel, clay.....     | 57 - 67   | Peat.....                         | 0 - 3       |
| Fine sand, some clay, gray.....   | 42.8 - 47.8 | Refusal on bedrock.....          | at 67     | Fine sand, clay, yellow.....      | 3 - 15      |
| Fine sand, clay, gray-brown.....  | 47.8 - 53.1 |                                  |           | Fine sand, small gravel, yellow.  | 15 - 40     |
| Clay, gray.....                   | 53.1 - 71.4 |                                  |           | Fine to medium sand and           |             |
| <b>HINGHAM W156.</b>              |             | <b>HINGHAM W230.</b>             |           | <b>KINGSTON W4.</b>               |             |
| Fill.....                         | 0 - 5       | Log of 2 1/2-inch well at site.  |           | gravel, yellow.....               | 40 - 54     |
| Fine sand and gravel, trace of    |             | Fine sand, brown.....            | 0 - 15    | Fine sand and small, sharp        |             |
| clay, brown.....                  | 5 - 41      | Fine sand, clay, brown.....      | 15 - 25   | gravel, yellow.....               | 54 - 59     |
| Refusal.....                      | at 41       | Sand, gravel, trace of clay....  | 25 - 57   |                                   |             |
| <b>HINGHAM W158.</b>              |             | <b>HINGHAM W230.</b>             |           | <b>KINGSTON W5.</b>               |             |
| Loam.....                         | 0 - 2       | Sand, some gravel, clay.....     | 57 - 67   | Peat.....                         | 0 - 3       |
| Fine sand with gravel and trace   |             | Refusal on bedrock.....          | at 67     | Fine sand, clay, yellow.....      | 3 - 15      |
| of clay, brown.....               | 2 - 31      |                                  |           | Fine sand, small gravel, yellow.  | 15 - 40     |
| Fine sand and gravel, brown.....  | 31 - 36.5   |                                  |           | Fine to medium sand and           |             |
| Fine sand with sharp gravel,      |             |                                  |           | gravel, yellow.....               | 40 - 54     |
| brown.....                        | 36.5 - 44   |                                  |           | Fine sand and small, sharp        |             |
| Refusal.....                      | at 44       |                                  |           | gravel, yellow.....               | 54 - 59     |



Table 2.--Logs of selected wells and borings (Continued)

| Depth                                               |             | Depth                                                                                                                         |         | Depth                                                               |                          |
|-----------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------|--------------------------|
| <b>KINGSTON W17.</b>                                |             | <b>KINGSTON W38.</b>                                                                                                          |         | <b>KINGSTON W95.</b>                                                | Depth of<br>sampled zone |
| Loam.....                                           | 0 - 2       | Loam.....                                                                                                                     | 0 - 2   | Fine to medium sand, light brown.....                               | 5 to 6                   |
| Compact, fine sand and gravel, yellow.....          | 2 - 11      | Compact sand and gravel, brown.....                                                                                           | 2 - 12  | Fine to very coarse sand, light brown.....                          | 9 to 9.5                 |
| Silty sand and clay, yellow.....                    | 11 - 43     | Silty sand, gray.....                                                                                                         | 12 - 36 | Fine to very coarse sand, reddish brown.....                        | 9.5 to 10                |
| Fine sand and some small gravel, yellow.....        | 43 - 67     | Fine sand, light gray.....                                                                                                    | 36 - 47 | Sand and gravel.....                                                | 15 to 16.6               |
| Fine sand and gravel, yellow.....                   | 67 - 83     | Fine sand and small gravel, light yellow.....                                                                                 | 47 - 52 | Medium to very coarse sand, light brown.....                        | 20 to 21.6               |
| Refusal.....                                        | at 83       | Hard clay and sharp gravel, gray.....                                                                                         | 52 - 57 | Fine to very coarse sand, reddish brown.....                        | 25 to 26.6               |
| <b>KINGSTON W19.</b>                                |             | Refusal.....                                                                                                                  | at 57   | Medium to very coarse sand, reddish brown.....                      | 30 to 31.6               |
| Sandy clay, yellow.....                             | 0 - 9       | <b>KINGSTON W39.</b>                                                                                                          |         | Very fine to very coarse sand and gravel, reddish brown.....        | 35 to 36.6               |
| Fine sand and clay, yellow.....                     | 9 - 17      | Loam.....                                                                                                                     | 0 - 2   | Very fine to coarse sand, very fine gravel, dark reddish brown..... | 40 to 41.6               |
| Firm clay, gray.....                                | 17 - 27     | Fine sand, yellow.....                                                                                                        | 2 - 15  | Very fine to medium sand, gray..                                    | 45 to 46.6               |
| Refusal.....                                        | at 27       | Fine sand and small gravel, gray.....                                                                                         | 15 - 35 | Fine sand, silt, gray.....                                          | 50 to 51.6               |
| <b>KINGSTON W21.</b>                                |             | Fine sand, light gray.....                                                                                                    | 35 - 47 | Silt and sand, gray.....                                            | 55 to 56.6               |
| Sand and gravel, brown.....                         | 0 - 13.4    | Fine sand, sand and gravel, dark gray.....                                                                                    | 47 - 60 | Compact, dense sand and fine sand, gray.....                        | 60 to 61.6               |
| Fine sand, trace of clay, brown..                   | 13.4 - 18.8 | Bedrock (shale).....                                                                                                          | 60 - 61 | Sand, mixed with silt, light gray.....                              | 65 to 66.6               |
| Sharp gravel, fine sand, brown..                    | 18.8 - 33.3 | Refusal.....                                                                                                                  | at 61   | Very fine to fine sand, light gray.....                             | 70 to 71                 |
| Refusal.....                                        | at 33.3     | <b>KINGSTON W43.</b>                                                                                                          |         | Silt, sand, and gravel (till)....                                   | at 71                    |
| <b>KINGSTON W22.</b>                                |             | Coarse sand.....                                                                                                              | 0 - 10  | <b>KINGSTON W99.</b>                                                |                          |
| Fine sand, little gravel, brown..                   | 0 - 13.4    | Clay, gray.....                                                                                                               | 10 - 15 | Medium to coarse sand.....                                          | 0 - 10                   |
| Fine sand, little gravel, trace of clay, brown..... | 13.4 - 20.2 | Fine sand.....                                                                                                                | 15 - 40 | Fine sand.....                                                      | 10 - 30                  |
| Fine sand, clay, gray.....                          | 20.2 - 33.9 | Fine sand, clay.....                                                                                                          | 40 - 60 | Very fine sand and clay.....                                        | 30 - 90                  |
| Fine sand, sharp gravel, gray....                   | 33.9 - 44.6 | Gravel.....                                                                                                                   | 60 - 80 | Clay.....                                                           | 90 - 100                 |
| Refusal.....                                        | at 44.6     | Hardpan.....                                                                                                                  | 80 - 81 | Very fine sand and clay.....                                        | 100 - 107                |
| <b>KINGSTON W23.</b>                                |             | Bedrock.....                                                                                                                  | at 81   | Refusal.....                                                        | at 107                   |
| Topsoil.....                                        | 0 - 2.5     | <b>KINGSTON W47.</b>                                                                                                          |         | <b>KINGSTON W101.</b>                                               |                          |
| Sand and gravel, brown.....                         | 2.5 - 13.4  | Loam.....                                                                                                                     | 0 - 2   | Sand and gravel.....                                                | 0 - 10                   |
| Fine sand and clay, gray.....                       | 13.4 - 23.3 | Sandy clay, yellow.....                                                                                                       | 2 - 10  | Hardpan.....                                                        | 10 - 23                  |
| Medium to fine sand, sharp gravel, gray.....        | 23.3 - 32.3 | Fine to medium sand and gravel..                                                                                              | 10 - 30 | Fine sand and gravel, yellow....                                    | 23 - 29                  |
| Refusal.....                                        | at 32.3     | Fine to medium sand and gravel, yellow.....                                                                                   | 30 - 34 | Hardpan.....                                                        | 29 - 36                  |
| <b>KINGSTON W25.</b>                                |             | Medium sand, gravel, and clay, gray.....                                                                                      | 34 - 46 | Refusal.....                                                        | at 36                    |
| Peat.....                                           | 0 - 1       | Coarse sand and gravel, gray....                                                                                              | 46 - 54 | <b>KINGSTON W102.</b>                                               |                          |
| Sand, gray.....                                     | 1 - 3       | Hardpan.....                                                                                                                  | 54 - 57 | Sand and gravel.....                                                | 0 - 12                   |
| Medium sand, small gravel, brown.                   | 3 - 16      | Refusal.....                                                                                                                  | at 57   | Hardpan and boulders.....                                           | 12 - 26                  |
| Sand and gravel, brown.....                         | 16 - 22.5   | <b>KINGSTON W49.</b>                                                                                                          |         | Refusal.....                                                        | at 26                    |
| Fine to medium sand and gravel, brown.....          | 22.5 - 25   | Medium to coarse gravel.....                                                                                                  | 0 - 18  | <b>KINGSTON W106.</b>                                               |                          |
| Medium sand and gravel, brown....                   | 25 - 40     | Medium to coarse sand.....                                                                                                    | 18 - 30 | Sand, tan.....                                                      | 0 - 10                   |
| Medium to fine sand, small gravel, brown.....       | 40 - 48     | Coarse sand and clay.....                                                                                                     | 30 - 40 | Clay and sand.....                                                  | 10 - 30                  |
| Fine sand, trace of clay, brown..                   | 48 - 51.3   | Fine to medium gravel.....                                                                                                    | 40 - 51 | Coarse sand.....                                                    | 30 - 35                  |
| Refusal.....                                        | at 51.3     | Refusal.....                                                                                                                  | at 51   | Fine sand, brown.....                                               | 35 - 42                  |
| <b>KINGSTON W26.</b>                                |             | Observation well 2 feet away has same log to 51 feet and continues through coarse sand and fine gravel to refusal at 63 feet. |         | Gravel, brown.....                                                  | 42 - 46                  |
| Sand and gravel, brown.....                         | 0 - 12      | <b>KINGSTON W51.</b>                                                                                                          |         | Sand, tan.....                                                      | 46 - 50                  |
| Sand and clay, gray.....                            | 12 - 32     | Coarse sand and medium gravel...                                                                                              | 0 - 30  | Fine sand, brown.....                                               | 50 - 55                  |
| Fine sand, sharp gravel and clay, brown.....        | 32 - 35.5   | Fine to medium gravel.....                                                                                                    | 30 - 40 | Sand and clay, gray.....                                            | 55 - 90                  |
| <b>KINGSTON W28.</b>                                |             | Medium gravel.....                                                                                                            | 40 - 45 | Coarse sand, gray.....                                              | 90 - 110                 |
| Coarse to medium sand, fine gravel, tan.....        | 0 - 9.3     | Fine sand, clay.....                                                                                                          | 45 - 73 | Clay, gray.....                                                     | 110 - 130                |
| Medium to fine sand, brown.....                     | 9.3 - 19.4  | Sharp, packed gravel.....                                                                                                     | 73 - 78 | Hardpan.....                                                        | 130 - 135                |
| Medium to coarse sand, dark brown.....              | 19.4 - 35   | Refusal.....                                                                                                                  | at 78   | Sand, gray.....                                                     | 135 - 140                |
| Medium to coarse sand, some gravel, dark brown..... | 35 - 45.4   | <b>KINGSTON W55.</b>                                                                                                          |         | Coarse gravel.....                                                  | 140 - 170                |
| Medium to coarse sand, gravel, dark brown.....      | 45.4 - 55.4 | Medium sand, brown.....                                                                                                       | 0 - 5   | Hardpan.....                                                        | 170 - 176                |
| Medium to coarse sand, dark brown and gray.....     | 55.4 - 60.7 | Clay.....                                                                                                                     | 5 - 30  | Bedrock.....                                                        | at 176                   |
| Hardpan.....                                        | 60.7 - 61.8 | Silt and clay.....                                                                                                            | 30 - 50 | <b>KINGSTON W108.</b>                                               |                          |
| Refusal.....                                        | at 61.8     | Fine to medium sand.....                                                                                                      | 50 - 60 | Medium sand and scattered gravel, brown.....                        | 0 - 20                   |
| <b>KINGSTON W29.</b>                                |             | Fine to medium gravel.....                                                                                                    | 60 - 65 | Fine sand, red.....                                                 | 20 - 31                  |
| Loam.....                                           | 0 - 2       | Refusal.....                                                                                                                  | at 65   | Fine, light sand.....                                               | 31 - 40                  |
| Fine sand and clay, yellow.....                     | 2 - 27      | <b>KINGSTON W57.</b>                                                                                                          |         | Silt and clay.....                                                  | 40 - 60                  |
| Fine sand and sharp gravel, yellow.....             | 27 - 31     | Very fine sand.....                                                                                                           | 0 - 50  | <b>KINGSTON W109.</b>                                               |                          |
| Bedrock (shale).....                                | 31 - 33     | Clay.....                                                                                                                     | 50 - 79 | Sand, gravel, and boulders.....                                     | 0 - 9                    |
| <b>KINGSTON W36.</b>                                |             | Packed sand and gravel.....                                                                                                   | 79 - 87 | Fine sand.....                                                      | 9 - 17                   |
| Loam.....                                           | 0 - 2       | Refusal.....                                                                                                                  | at 87   | Sand, gravel, and boulders.....                                     | 17 - 25                  |
| Fine sand and sharp gravel, gray.                   | 2 - 9       | <b>KINGSTON W59.</b>                                                                                                          |         | Hardpan.....                                                        | 25 - 32                  |
| Fine sand, yellow.....                              | 9 - 21      | Log of 2 1/2-inch well at site.                                                                                               |         | Refusal.....                                                        | at 32                    |
| Fine sand and clay, gray.....                       | 21 - 43     | Fine sand and clay.....                                                                                                       | 0 - 30  | <b>KINGSTON W110.</b>                                               |                          |
| Fine sand and clay, yellow.....                     | 43 - 54     | Clay.....                                                                                                                     | 30 - 50 | Sand and scattered gravel.....                                      | 0 - 27                   |
| Compact sand, sharp gravel, and clay, gray.....     | 54 - 61     | Fine sand.....                                                                                                                | 50 - 60 | Hard-packed sand, sharp gravel, and clay.....                       | 27 - 41                  |
| Refusal.....                                        | at 61       | Fine to medium gravel.....                                                                                                    | 60 - 69 | Medium sand and gravel.....                                         | 41 - 52                  |
| <b>KINGSTON W37.</b>                                |             | Refusal.....                                                                                                                  | at 69   | Silty sand.....                                                     | 52 - 60                  |
| Fill.....                                           | 0 - 7       | <b>KINGSTON W65.</b>                                                                                                          |         | Fine sand, sharp gravel, and trace of clay.....                     | 60 - 65                  |
| Sandy clay, clay, and sharp gravel, yellow.....     | 7 - 14      | Sand and gravel.....                                                                                                          | 0 - 17  | Refusal.....                                                        | at 65                    |
| Compact, yellow sand, gravel, and clay.....         | 14 - 20     | Silt and clay.....                                                                                                            | 17 - 60 | <b>KINGSTON W111.</b>                                               |                          |
| Hard clay, yellow.....                              | 20 - 23     | Sand and gravel.....                                                                                                          | 60 - 64 | Sand and gravel.....                                                | 0 - 17                   |
| Refusal.....                                        | at 23       | <b>KINGSTON W67.</b>                                                                                                          |         | Soft sandy clay.....                                                | 17 - 52                  |
|                                                     |             | Gravel and boulders.....                                                                                                      | 0 - 10  | Fine sand, sharp gravel, and clay.....                              | 52 - 54                  |
|                                                     |             | Medium to coarse sand.....                                                                                                    | 10 - 35 | Refusal.....                                                        | at 54                    |
|                                                     |             | Clay and gravel.....                                                                                                          | 35 - 40 |                                                                     |                          |
|                                                     |             | Refusal.....                                                                                                                  | at 40   |                                                                     |                          |

Table 2.--Logs of selected wells and borings (Continued)

|                                   | Depth       |                                  | Depth     |                                  | Depth     |
|-----------------------------------|-------------|----------------------------------|-----------|----------------------------------|-----------|
| <b>KINGSTON W123.</b>             |             | <b>MARSHFIELD W1.</b>            |           | <b>MARSHFIELD W21.</b>           |           |
| Coarse sand and gravel.....       | 0 - 35      | Sand and gravel.....             | 0 - 1     | Peat, black.....                 | 0 - 4     |
| Hardpan.....                      | 35 - 39     | Firm clay, gray.....             | 5 - 38    | Silty sand, gray.....            | 4 - 10    |
| Refusal.....                      | at 39       | Hardpan.....                     | 38 - 43   | Silty sand, brown.....           | 10 - 16   |
|                                   |             | Refusal.....                     | at 43     | Hard clay, brown.....            | 16 - 18   |
| <b>KINGSTON W125.</b>             |             |                                  |           | Medium sand, gravel, brown.....  | 18 - 27   |
| Gravel fill and brown peat.....   | 0 - 4       | <b>MARSHFIELD W4.</b>            |           | Medium gravel, brown.....        | 27 - 35   |
| Fine sand, gray.....              | 4 - 10      | Sand and gravel.....             | 0 - 7     | Refusal.....                     | at 35     |
| Medium sand, brown.....           | 10 - 23     | Soft clay, gray.....             | 7 - 39    |                                  |           |
| Hardpan.....                      | 23 - 26     | Hard-packed sand, gravel,        |           | <b>MARSHFIELD W22.</b>           |           |
| Coarse gravel and boulders,       |             | and clay.....                    | 39 - 49   | Gravel and boulders.....         | 0 - 20    |
| brown.....                        | 26 - 38     | Refusal.....                     | at 49     | Fine sand, brown.....            | 20 - 21   |
| Coarse and medium gravel.....     | 38 - 49     |                                  |           | Coarse gravel.....               | 21 - 25   |
| Refusal.....                      | at 49       | <b>MARSHFIELD W5.</b>            |           | Clay hardpan.....                | 25 - 62   |
|                                   |             | Sand and gravel fill.....        | 0 - 9     | Bedrock.....                     | 62 - 64   |
| <b>MARSHFIELD A1.</b>             |             | Soft clay.....                   | 9 - 34    |                                  |           |
| Medium sand, clay, brown.....     | 0 - 5       | Hard-packed sand, gravel,        |           | <b>MARSHFIELD W23.</b>           |           |
| Fine to very coarse sand, brown.. | 5 - 14      | and clay.....                    | 34 - 39   | Sand, gravel, boulders.....      | 0 - 9     |
| Fine sand, brown.....             | 14 - 17     | Refusal.....                     | at 39     | Fine sand, clay.....             | 9 - 21    |
| Coarse sand, brown.....           | 17 - 19     |                                  |           | Hard-packed sand, gravel, and    |           |
| Medium to coarse sand, brown..... | 19 - 22     | <b>MARSHFIELD W6.</b>            |           | clay.....                        | 21 - 25   |
| Medium sand grading to fine sand, |             | Loam and sand.....               | 0 - 9     | Refusal.....                     | at 25     |
| pebbles, brown.....               | 22 - 24     | Sand, gravel, boulders.....      | 1 - 17    |                                  |           |
| Medium to coarse sand, boulder    |             | Hardpan.....                     | 17 - 37   | <b>MARSHFIELD W24.</b>           |           |
| at 25 feet.....                   | 24 - 25     | Refusal.....                     | at 37     | Peat.....                        | 0 - 4     |
| Coarse sand, brown, some fine     |             |                                  |           | Clay, sand, and gravel.....      | 4 - 12    |
| sand.....                         | 25 - 55     | <b>MARSHFIELD W7.</b>            |           | Clay.....                        | 12 - 13   |
| Hard layer.....                   | 55 - 58     | Sand.....                        | 0 - 3     | Clay, sand.....                  | 13 - 23   |
| Refusal (dense olive clay on      |             | Sand, gravel.....                | 3 - 24    | Clay.....                        | 23 - 31   |
| drill bit).....                   | at 58       | Silt.....                        | 24 - 41   | Sand, find gravel.....           | 31 - 35.8 |
|                                   |             | Firm clay, gray.....             | 41 - 88   |                                  |           |
| <b>MARSHFIELD A2.</b>             |             | Fine sand, sharp gravel, clay... | 88 - 93   | <b>MARSHFIELD W26.</b>           |           |
| Fill.....                         | 0 - 4       | Refusal.....                     | at 93     | Mud.....                         | 0 - 12    |
| Sand, clay, yellow-brown.....     | 4 - 8       |                                  |           | Sand, gravel.....                | 12 - 49   |
| Fine to medium sand, yellow-      |             | <b>MARSHFIELD W9.</b>            |           |                                  |           |
| brown.....                        | 8 - 10      | Sand and clay, brown.....        | 0 - 20    | <b>MARSHFIELD W27.</b>           |           |
| Medium to coarse sand, scattered, |             | Clay, gray.....                  | 20 - 48   | Coarse sand and gravel, brown... | 0 - 13    |
| very coarse gravel, yellow-       |             | Clay, brown.....                 | 48 - 69   | Sand and gravel, brown to gray.. | 13 - 33   |
| brown.....                        | 10 - 15     | Sand.....                        | 69 - 71   | Sand and coarse gravel, brown... | 33 - 36   |
| Fine to coarse sand, some silt... | 15 - 20     | Bedrock.....                     | at 71     | Coarse gravel.....               | 36 - 38   |
| Fine to medium sand, some silt,   |             |                                  |           | Sharp sand and gravel, trace     |           |
| gray.....                         | 20 - 27     | <b>MARSHFIELD W10.</b>           |           | of clay, brown.....              | 38 - 40   |
| Fine sand, some silt, gray-       |             | Fine sand, brown.....            | 0 - 15    | Tight material, trace of clay... | 40 - 45   |
| brown.....                        | 27 - 34     | Clay, brown.....                 | 15 - 50   | Hard clay, sharp sand and        |           |
| Clay, dark gray.....              | 34 - 53     | Clay, brown, hardpan.....        | 50 - 80   | gravel.....                      | 45 - 50   |
|                                   |             | Clay, blue.....                  | 80 - 90   |                                  |           |
| <b>MARSHFIELD A3.</b>             |             | Hard-packed fine sand.....       | 90 - 94.5 | <b>MARSHFIELD W28.</b>           |           |
| Topsoil.....                      | 0 - 1       | Bedrock.....                     | at 94.5   | Gravel, gray.....                | 0 - 20    |
| Fine to medium sand, clayey.....  | 1 - 8       |                                  |           | Coarse sand.....                 | 20 - 60   |
| Sand, clayey, gray.....           | 8 - 10      | <b>MARSHFIELD W14.</b>           |           | Coarse gravel.....               | 60 - 90   |
| Fine to coarse sand, gray.....    | 10 - 15     | Hard clay, boulders.....         | 0 - 25    | Hardpan.....                     | 90 - 94   |
| Very fine sand, buff-orange.....  | 15 - 18     | Gravel.....                      | 25 - 40   | Bedrock.....                     | at 94     |
| Very fine to medium sand,         |             | Coarse sand.....                 | 40 - 82   |                                  |           |
| stratified.....                   | 18 - 20     | Clay and sand.....               | 82 - 92   | <b>MARSHFIELD W29.</b>           |           |
| Fine sand.....                    | 20 - 25     | Bedrock.....                     | at 92     | Sandy clay.....                  | 0 - 6     |
| Silt, sand.....                   | 25 - 33     |                                  |           | Gravel.....                      | 6 - 105   |
|                                   |             | <b>MARSHFIELD W16.</b>           |           | Clay.....                        | at 105    |
| <b>MARSHFIELD A4.</b>             |             | Coarse gravel and boulders.....  | 0 - 20    |                                  |           |
| Fill.....                         | 0 - 4       | Coarse gravel.....               | 20 - 30   | <b>MARSHFIELD W30.</b>           |           |
| Mud, pebbles.....                 | 4 - 8       | Medium gravel.....               | 30 - 35   | Fine sand.....                   | 0 - 2     |
| Coarse sand, some silt.....       | 8 - 10      | Fine sand.....                   | 35 - 50   | Coarse sand, scattered pebbles,  |           |
| Coarse sand, some silt, clay...   | 10 - 15     | Fine sand and gravel.....        | 50 - 55   | gray-brown.....                  | 2 - 5.5   |
| Very fine to coarse sand, clay... | 15 - 18     | Coarse sand.....                 | 55 - 60   | Coarse to very coarse sand,      |           |
| Clay, silt.....                   | 18 - 28     | Medium sand.....                 | 60 - 70   | scattered pebbles, gray.....     | 5.5 - 10  |
| Clay, hard to penetrate with      |             | Fine gravel.....                 | 70 - 85   | Medium sand, gray.....           | 10 - 20   |
| auger.....                        | 28 - 33     | Fine sand.....                   | 85 - 100  | Fine sand, gray.....             | 20 - 25   |
| No record, hole terminated on     |             | Silt and sand.....               | 100 - 105 | Medium sand, gray.....           | 25 - 29   |
| rock (?).....                     | 33 - 36     | Fine sand.....                   | 105 - 110 | Coarse sand.....                 | 29 - 34   |
|                                   |             | Fine gravel.....                 | 110 - 120 |                                  |           |
| <b>MARSHFIELD B2.</b>             |             | Medium gravel.....               | 120 - 125 | <b>MARSHFIELD W36.</b>           |           |
| Silty peat.....                   | 0 - 5.5     | Fine gray sand and hardpan.....  | 125 - 130 | Peat.....                        | 0 - 2     |
| Sand, gravel, boulders.....       | 5.5 - 16    | Hardpan.....                     | 130 - 135 | Gravel.....                      | 2 - 11    |
| Medium sand, gravel, clay,        |             | Bedrock.....                     | 135 - 140 | Clay, blue.....                  | 11 - 12   |
| boulders.....                     | 16 - 26     |                                  |           | Clay, sand.....                  | 12 - 16   |
| Hard, coarse sand, gravel,        |             | <b>MARSHFIELD W18.</b>           |           | Hardpan.....                     | 16 - 24.7 |
| boulders.....                     | 26 - 30     | Rocks, hardpan.....              | 0 - 15    | Refusal.....                     | at 24.7   |
| Refusal.....                      | at 30       | Coarse gravel.....               | 15 - 30   |                                  |           |
|                                   |             | Dirty sand.....                  | 30 - 80   | <b>MARSHFIELD W39.</b>           |           |
| <b>MARSHFIELD B3.</b>             |             | Hardpan, fine sand.....          | 80 - 106  | Clay and sand, gray.....         | 0 - 10    |
| Sand, gravel fill.....            | 0 - 3.5     | Clay, silt, blue.....            | 106 - 140 | Sand with boulders, gray.....    | 10 - 15   |
| Very soft silty peat, dark        |             | Dirty gravel.....                | 140 - 150 | Clay, yellow.....                | 15 - 30   |
| yellow.....                       | 3.5 - 14    | Coarse sand.....                 | 150 - 160 | Coarse sand, yellow.....         | 30 - 60   |
| Coarse and, gravel, trace of      |             | Medium gravel.....               | 160 - 170 | Clay, yellow.....                | 60 - 65   |
| silt, dark gray.....              | 14 - 15.5   |                                  |           | Hard clay, blue.....             | 65 - 70   |
| Compact fine to medium sand,      |             | <b>MARSHFIELD W19.</b>           |           | Clay hardpan, gray.....          | 70 - 88   |
| gravel, clay, some coarse sand,   |             | Hardpan.....                     | 0 - 15    | Clay and sand, brown.....        | 88 - 92   |
| boulders, gray.....               | 15.5 - 23.5 | Coarse gravel.....               | 15 - 25   | Bedrock.....                     | 92 - 95   |
| Refusal.....                      | at 23.5     | Fine gravel.....                 | 25 - 30   |                                  |           |
|                                   |             | Sand, brown.....                 | 30 - 40   | <b>MARSHFIELD W40.</b>           |           |
| <b>MARSHFIELD B5.</b>             |             | Fine gravel.....                 | 40 - 45   | Coarse gravel, brown.....        | 0 - 20    |
| Sand, loamy.....                  | 0 - 1.8     | Medium gravel.....               | 45 - 60   | Medium gravel, white.....        | 20 - 25   |
| Hard, coarse sand, gravel,        |             | Fine gravel and sand.....        | 60 - 70   | Hard clay.....                   | 25 - 30   |
| boulders.....                     | 1.8 - 6.5   | Sand, brown.....                 | 70 - 75   | Medium gravel, white.....        | 30 - 35   |
| Medium clay, some sand and        |             | Hardpan, brown.....              | 75 - 80   | Medium gravel, brown.....        | 35 - 50   |
| gravel.....                       | 6.5 - 11.3  | Hardpan, gray.....               | 80 - 90   | Coarse gravel, brown.....        | 50 - 60   |
| Hard, fine sand, gravel, some     |             | Hardpan, dark gray.....          | 90 - 95   | Medium sand, brown.....          | 60 - 100  |
| clay.....                         | 11.3 - 22.5 | Hardpan, dark black.....         | 95 - 125  | Coarse sand, brown.....          | 100 - 123 |
| Refusal.....                      | at 22.5     |                                  |           | Sand, clay, brown.....           | at 123    |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                              | :     | :    | Depth                               | :     | :    | Depth                                |         |        |
|------------------------------------|-------|------|-------------------------------------|-------|------|--------------------------------------|---------|--------|
| <b>MARSHFIELD W42.</b>             |       |      | <b>MARSHFIELD W74.</b>              |       |      | <b>MARSHFIELD W113.</b>              |         |        |
| Fine sand, brown and gray.....     | 0     | - 20 | Peat and sand.....                  | 0     | - 1  | Coarse gravel.....                   | 0       | - 10   |
| Fine sand, brown.....              | 20    | - 28 | Sand.....                           | 1     | - 12 | Coarse gravel, rocks.....            | 10      | - 20   |
| Firm clay, blue.....               | 28    | - 36 | Sand, sharp gravel.....             | 12    | - 29 | Coarse sand, pebbles.....            | 20      | - 25   |
| Sand, sharp gravel, and            |       |      | Hard packed sand, gravel, and       |       |      | Coarse sand, gravel.....             | 25      | - 30   |
| clay, brown.....                   | 36    | - 39 | clay.....                           | 29    | - 38 | Medium sand, pebbles.....            | 30      | - 35   |
| Fine silty sand and small sharp    |       |      | Refusal.....                        | at 38 |      | Coarse sand, fine gravel.....        | 35      | - 41   |
| gravel, brown.....                 | 39    | - 53 |                                     |       |      |                                      |         |        |
| Silty sand and clay, brown.....    | 53    | - 61 | <b>MARSHFIELD W75.</b>              |       |      | <b>MARSHFIELD W119.</b>              |         |        |
| Refusal.....                       | at 61 |      | Loam.....                           | 0     | - 1  | Sand and clay.....                   | 0       | - 3    |
| <b>MARSHFIELD W47.</b>             |       |      | Hard packed sand and gravel.....    | 1     | - 17 | Hard clay and sharp gravel.....      | 3       | - 17   |
| Peat, muck.....                    | 0     | - 2  | Sand and gravel.....                | 17    | - 35 | Hardpan.....                         | 17      | - 21   |
| Gravel, silt, and clay.....        | 2     | - 20 | Hard packed sand and gravel.....    | 35    | - 41 | Refusal.....                         | at 21   |        |
| Silt and clay, brown and gray..... | 20    | - 31 | Silt and clay.....                  | 41    | - 67 |                                      |         |        |
| Sand and gravel, brown.....        | 31    | - 40 | Refusal.....                        | at 67 |      | <b>MARSHFIELD W120.</b>              |         |        |
| Fine sand and small gravel,        |       |      | <b>MARSHFIELD W80.</b>              |       |      | Sand.....                            | 0       | - 1    |
| brown.....                         | 40    | - 47 | Loam.....                           | 0     | - 15 | Sand and clay.....                   | 1       | - 25   |
| Fine silty sand and soft clay,     |       |      | Hard packed sand, gravel, and       |       |      | Hard clay and sharp gravel.....      | 25      | - 34   |
| brown.....                         | 47    | - 56 | clay.....                           | 15    | - 21 | Refusal.....                         | at 34   |        |
| Refusal.....                       | at 56 |      | Hardpan.....                        | 21    | - 30 | <b>MARSHFIELD W122.</b>              |         |        |
| <b>MARSHFIELD W51.</b>             |       |      | Fine sand, fine gravel, and         |       |      | Sand, gravel, and boulders.....      | 0       | - 11   |
| Sand, gravel, and boulders.....    | 0     | - 7  | trace of clay.....                  | 30    | - 54 | Sand, sharp gravel.....              | 11      | - 19   |
| Hardpan.....                       | 7     | - 37 | Fine sand and clay.....             | 54    | - 72 | Fine sand and clay, yellow.....      | 19      | - 49   |
| Refusal.....                       | at 37 |      | Firm clay.....                      | 72    | - 79 | Fine sand, sharp gravel, and         |         |        |
|                                    |       |      | Refusal.....                        | at 79 |      | clay.....                            | 49      | - 58   |
| <b>MARSHFIELD W54.</b>             |       |      | <b>MARSHFIELD W82.</b>              |       |      | Refusal.....                         | at 58   |        |
| Loam and sand.....                 | 0     | - 1  | Loam.....                           | 0     | - 1  | <b>MARSHFIELD W129.</b>              |         |        |
| Sand, gravel, and boulders.....    | 1     | - 13 | Sand and gravel.....                | 1     | - 9  | Fill.....                            | 0       | - 5    |
| Sand and gravel.....               | 13    | - 38 | Hard packed sand, gravel, and       |       |      | Hard packed sand, gravel, and        |         |        |
| Fine to medium sand.....           | 38    | - 63 | clay.....                           | 9     | - 31 | boulders.....                        | 5       | - 14   |
| Silt and clay.....                 | 63    | - 72 | Fine to medium sand and clay.....   | 31    | - 34 | Hardpan and boulders.....            | 14      | - 34   |
| Medium to coarse sand and          |       |      | Fine sand and gravel.....           | 34    | - 49 | Fine to medium sand.....             | 34      | - 51   |
| fine gravel.....                   | 72    | - 82 | Silt and clay.....                  | 49    | - 83 | Medium sand and fine gravel.....     | 51      | - 62   |
| Fine sand, sharp gravel and clay.  | 82    | - 94 | Refusal.....                        | at 83 |      | Sand and gravel.....                 | 62      | - 89   |
| Refusal.....                       | at 94 |      | <b>MARSHFIELD W90.</b>              |       |      | Sandy clay, yellow.....              | 89      | - 98   |
| <b>MARSHFIELD W57.</b>             |       |      | Sand.....                           | 0     | - 2  | Refusal.....                         | at 98   |        |
| Loam and sand.....                 | 0     | - 1  | Sand, gravel, and boulders.....     | 2     | - 17 | <b>MARSHFIELD W130.</b>              |         |        |
| Sand, gravel, and boulders.....    | 1     | - 17 | Hardpan.....                        | 17    | - 23 | Sand and boulders, brown.....        | 0       | - 8    |
| Sand and gravel.....               | 17    | - 42 | Refusal.....                        | at 23 |      | Sand and small gravel, brown.....    | 8       | - 20   |
| Medium sand and clay.....          | 42    | - 61 | <b>MARSHFIELD W92.</b>              |       |      | Sand and gravel, brown.....          | 20      | - 35   |
| Sand, fine gravel, and clay.....   | 61    | - 76 | Loam and sand.....                  | 0     | - 2  | Sand and small gravel, brown.....    | 35      | - 40   |
| Silt and clay.....                 | 76    | - 89 | Sand and gravel.....                | 2     | - 28 | Fine to medium silty sand.....       | 40      | - 50   |
| Refusal.....                       | at 89 |      | Hard packed sand and gravel.....    | 28    | - 34 | Silty fine sand.....                 | 50      | - 65   |
| <b>MARSHFIELD W58.</b>             |       |      | Fine sand, clay, and gravel.....    | 34    | - 42 | Silty sand, trace of clay.....       | 65      | - 73   |
| Loam and gravel.....               | 0     | - 1  | Hard packed sand, gravel, and       |       |      | Silty fine sand.....                 | 73      | - 89.5 |
| Sand, gravel, and boulders.....    | 1     | - 6  | clay.....                           | 42    | - 48 | Refusal.....                         | at 89.5 |        |
| Sand and gravel.....               | 6     | - 19 | Refusal.....                        | at 48 |      | <b>MARSHFIELD W131.</b>              |         |        |
| Hardpan.....                       | 19    | - 46 | <b>MARSHFIELD W99.</b>              |       |      | Sand and gravel, brown.....          | 0       | - 5    |
| Refusal.....                       | at 46 |      | Sand.....                           | 0     | - 11 | Firm clay, blue.....                 | 5       | - 15   |
| <b>MARSHFIELD W59.</b>             |       |      | Fine sand and clay.....             | 11    | - 39 | Soft clay, blue.....                 | 15      | - 23   |
| Sand and gravel.....               | 0     | - 5  | Firm clay, gray.....                | 39    | - 42 | Hardpan and boulders.....            | 23      | - 27   |
| Sand, fine gravel, and clay.....   | 5     | - 23 | Silt and clay.....                  | 42    | - 49 | Sand and small gravel mixed          |         |        |
| Hard clay, gray.....               | 23    | - 39 | Refusal.....                        | at 49 |      | with clay, brown.....                | 27      | - 40   |
| Refusal.....                       | at 39 |      | <b>MARSHFIELD W100.</b>             |       |      | Dirty sharp sand and small           |         |        |
| <b>MARSHFIELD W60.</b>             |       |      | Fine to medium sand, brown.....     | 0     | - 28 | gravel mixed with clay.....          | 40      | - 50   |
| Sand and fine gravel.....          | 0     | - 21 | Medium sand and gravel, yellow..... | 28    | - 43 | Clay, mixed with sharp small         |         |        |
| Medium sand and trace of clay..... | 21    | - 40 | Fine sand and sharp gravel,         |       |      | gravel, brown and gray.....          | 50      | - 90   |
| Fine sand and clay.....            | 40    | - 44 | yellow.....                         | 43    | - 46 | Firm clay, blue.....                 | 90      | - 116  |
| Fine sand and fine gravel.....     | 44    | - 46 | Refusal.....                        | at 46 |      | <b>MARSHFIELD W134.</b>              |         |        |
| Silt and clay.....                 | 46    | - 57 | <b>MARSHFIELD W105.</b>             |       |      | Fine sand and small sharp gravel,    |         |        |
| Refusal.....                       | at 57 |      | Loam.....                           | 0     | - 2  | brown.....                           | 0       | - 15   |
| <b>MARSHFIELD W63.</b>             |       |      | Silty sand, yellow.....             | 2     | - 27 | Fine silty sand and clay, brown..... | 15      | - 19   |
| Fine sand.....                     | 0     | - 10 | Firm clay, gray.....                | 27    | - 71 | Fine silt and clay, brown.....       | 19      | - 30   |
| Hard packed sand, gravel, and      |       |      | Fine sand, sharp gravel, and        |       |      | Firm clay, brown.....                | 30      | - 50   |
| clay.....                          | 10    | - 33 | clay, brown.....                    | 71    | - 85 | Firm clay and sharp gravel,          |         |        |
| Silt and clay.....                 | 33    | - 37 | Hardpan.....                        | 85    | - 87 | brown.....                           | 50      | - 58   |
| Refusal.....                       | at 37 |      | Refusal.....                        | at 87 |      | Refusal.....                         | at 58   |        |
| <b>MARSHFIELD W68.</b>             |       |      | <b>MARSHFIELD W107.</b>             |       |      | <b>MARSHFIELD W137.</b>              |         |        |
| Sand.....                          | 0     | - 8  | Loam.....                           | 0     | - 2  | Sand, gravel, and boulders,          |         |        |
| Sandy clay and gravel.....         | 8     | - 31 | Silty sand, yellow.....             | 2     | - 22 | brown.....                           | 0       | - 8    |
| Hard clay and sharp gravel.....    | 31    | - 43 | Firm clay, gray.....                | 22    | - 45 | Sand, sharp gravel, and clay,        |         |        |
| Fine sand and trace of clay.....   | 43    | - 55 | Compact fine sand and small         |       |      | gray.....                            | 8       | - 17   |
| Refusal.....                       | at 55 |      | gravel, yellow.....                 | 45    | - 82 | Sand and clay, gray.....             | 17      | - 23   |
| <b>MARSHFIELD W70.</b>             |       |      | Fine sand, clay, and sharp          |       |      | Hardpan.....                         | 23      | - 42   |
| Sand and gravel.....               | 0     | - 17 | gravel, yellow.....                 | 82    | - 87 | Refusal.....                         | at 42   |        |
| Fine sand, sharp gravel.....       | 17    | - 33 | Refusal.....                        | at 87 |      | <b>MARSHFIELD W139.</b>              |         |        |
| Soft clay, gray.....               | 33    | - 42 | <b>MARSHFIELD W108.</b>             |       |      | Sand and gravel, brown.....          | 0       | - 13   |
| Silty sand.....                    | 42    | - 75 | Loam.....                           | 0     | - 2  | Silty sand, brown.....               | 13      | - 24   |
| Fine sand, sharp gravel, and       |       |      | Sandy clay, yellow.....             | 2     | - 9  | Soft clay, gray.....                 | 24      | - 40   |
| clay.....                          | 75    | - 86 | Fine sand and clay, yellow.....     | 9     | - 31 | Firm hard clay, gray.....            | 40      | - 67   |
| Refusal.....                       | at 86 |      | Compact sand, brown, with           |       |      | Refusal.....                         | at 67   |        |
| <b>MARSHFIELD W73.</b>             |       |      | streaks of yellow clay.....         | 31    | - 57 | <b>MARSHFIELD W140.</b>              |         |        |
| Sand and gravel.....               | 0     | - 18 | Refusal.....                        | at 57 |      | Peat.....                            | 0       | - 3    |
| Sandy clay and sharp gravel.....   | 18    | - 30 | <b>MARSHFIELD W111.</b>             |       |      | Fine sand and clay, yellow.....      | 3       | - 19   |
| Hard packed sand, gravel, and      |       |      | Sand and gravel.....                | 0     | - 27 | Coarse sand and gravel, yellow.....  | 19      | - 24   |
| clay.....                          | 30    | - 56 | Medium sand, brown.....             | 27    | - 50 | Fine to medium sand, clay,           |         |        |
| Refusal.....                       | at 56 |      | Refusal.....                        | at 50 |      | some gravel, and boulders,           |         |        |
|                                    |       |      |                                     |       |      | yellow.....                          | 24      | - 33   |
|                                    |       |      |                                     |       |      | Refusal.....                         | at 33   |        |



Table 2.--Logs of selected wells and borings (Continued)

| Depth                                                           |             | Depth                                                                                        |           | Depth                                                              |         |
|-----------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------|---------|
| <b>MARSHFIELD W146.</b>                                         |             | <b>MARSHFIELD X26.</b>                                                                       |           | <b>NORWELL W37.</b>                                                |         |
| Sharp sand and large boulders, brown.....                       | 0 - 9       | Sand, gravel, stones, fill.....                                                              | 0 - 3.5   | Fine sand and rock, brown.....                                     | 0 - 21  |
| Hardpan and clay.....                                           | 9 - 26      | Hard fine sand, some gravel.....                                                             | 3.5 - 16  | Fine to medium sand and gravel, brown.....                         | 21 - 34 |
| Firm clay with sharp sand mixed in, brown.....                  | 26 - 39     | <b>MARSHFIELD X30.</b>                                                                       |           | Fine sand and gravel, gray.....                                    | 34 - 37 |
| Firm hard packed clay, brown.....                               | 39 - 64     | Soft organic silt and peat.....                                                              | 0 - 17    | Compact fine sand and gravel, gray-brown.....                      | 37 - 41 |
| Refusal.....                                                    | at 64       | Hard fine sand, little gravel.....                                                           | 17 - 20   | Very compact fine sand, gravel, traces of clay, gray.....          | 41 - 48 |
| <b>MARSHFIELD W147.</b>                                         |             | <b>NORWELL B2.</b>                                                                           |           | Refusal.....                                                       | at 48   |
| Sand and coarse gravel, brown.....                              | 0 - 8       | Fill.....                                                                                    | 0 - 6.5   | <b>NORWELL W41.</b>                                                |         |
| Coarse gravel mixed with clay.....                              | 8 - 14      | Fine to medium sand, trace of gravel and coarse sand, clay, boulders, yellow.....            | 6.5 - 12  | Fine sand and rock, yellow.....                                    | 0 - 10  |
| Hardpan and clay.....                                           | 14 - 26     | Compact fine silty sand, trace of gravel, clay, boulders, yellow.....                        | 12 - 16   | Clay and gravel, yellow.....                                       | 10 - 31 |
| Firm clay, brown.....                                           | 26 - 45     | Compact very fine to fine silty sand, trace of gravel, clay, boulders, yellow.....           | 16 - 21   | Clay and sand, yellow.....                                         | 31 - 34 |
| Firm hard packed clay, brown.....                               | 45 - 79     | Very compact very fine silty sand, trace of gravel, clay, boulders, gray.....                | 21 - 26   | <b>NORWELL W43.</b>                                                |         |
| Refusal.....                                                    | at 79       | <b>NORWELL B4.</b>                                                                           |           | Coarse gravel.....                                                 | 0 - 60  |
| <b>MARSHFIELD W148.</b>                                         |             | Loam and peat.....                                                                           | 1 - 4     | Large stones.....                                                  | 60 - 70 |
| Sand and coarse sharp gravel, brown.....                        | 0 - 15      | Fine sand, trace of gravel and of silt, yellow.....                                          | 4 - 11    | <b>NORWELL W44.</b>                                                |         |
| Sand and clay, brown.....                                       | 15 - 25     | Very fine silty sand, trace of clay, yellow.....                                             | 11 - 20   | Boulders, hardpan.....                                             | 0 - 8   |
| Soft clay mixed with sharp sand, brown.....                     | 25 - 40     | Very fine silty sand, trace of clay, yellow.....                                             | 20 - 34   | Hardpan.....                                                       | 8 - 18  |
| Mixed brown and gray clay.....                                  | 40 - 65     | Medium to coarse sand, some gravel, some fine sand, trace of silt, yellow.....               | 34 - 39   | Medium gravel, sand.....                                           | 18 - 22 |
| Firm hard packed clay, brown.....                               | 65 - 90     | Compact fine to medium sand, some gravel, some coarse sand, some clay, boulders, yellow..... | 39 - 47   | Coarse gravel.....                                                 | 22 - 30 |
| Hardpan.....                                                    | 90 - 98     | <b>NORWELL B5.</b>                                                                           |           | Medium to coarse gravel.....                                       | 30 - 40 |
| Refusal.....                                                    | at 98       | Loamy peat.....                                                                              | 0 - 7.5   | Fine sand, silt.....                                               | 40 - 41 |
| <b>MARSHFIELD W153.</b>                                         |             | Coarse sand, gray.....                                                                       | 7.5 - 10  | Medium gravel.....                                                 | 41 - 43 |
| Fine sand.....                                                  | 0 - 25      | Medium to coarse sand, trace of gravel, and of silt, gray.....                               | 10 - 14   | Fine material.....                                                 | at 43   |
| Fine sand, some gravel.....                                     | 25 - 33     | Compact medium to coarse sand, some gravel and fine sand, trace of silt, gray.....           | 14 - 19   | <b>NORWELL W50.</b>                                                |         |
| <b>MARSHFIELD W154.</b>                                         |             | Medium to coarse sand, some gravel, trace of fine sand, yellow-gray.....                     | 19 - 23   | Compact fine sand, yellow.....                                     | 0 - 7   |
| Sand, gravel, clay, brown.....                                  | 0 - 14      | Compact medium to coarse sand, gravel, some fine sand, boulders, yellow-gray.....            | 23 - 33   | Compact fine sand and gravel, yellow.....                          | 7 - 15  |
| Firm clay, gray.....                                            | 14 - 42     | Hard sandy silty clay, trace of gravel, yellow.....                                          | 33 - 38   | Compact fine sand, yellow.....                                     | 15 - 42 |
| Sharp sand, medium gravel, and clay, gray.....                  | 42 - 52     | Compact fine to medium leached sand, gravel, clay, boulders, yellow.....                     | 38 - 42.5 | Fine sand and some gravel and clay, yellow.....                    | 42 - 49 |
| Sharp sand, medium gravel, less clay than above unit, gray..... | 52 - 60.5   | Refusal.....                                                                                 | at 42.5   | Refusal.....                                                       | at 49   |
| Refusal.....                                                    | at 60.5     | <b>NORWELL W13.</b>                                                                          |           | <b>NORWELL W56.</b>                                                |         |
| <b>MARSHFIELD W155.</b>                                         |             | Topsoil.....                                                                                 | 0 - 2     | Loose fine sand, brown.....                                        | 0 - 5   |
| Clay, sand, brown.....                                          | 0 - 15      | Clay, blue, some stones near top.....                                                        | 2 - 32    | Very compact fine sand and clay, brown.....                        | 5 - 15  |
| Heavy gravel, coarse sand, trace of clay.....                   | 15 - 20     | Sand.....                                                                                    | 32 - 36   | Compact fine sand, gravel, and clay, brown.....                    | 15 - 22 |
| Coarse sand, gravel, trace of clay, brown.....                  | 20 - 35     | <b>NORWELL W15.</b>                                                                          |           | Medium compact fine sand and gravel, traces of clay, brown.....    | 22 - 30 |
| Sand, gravel, trace of clay.....                                | 35 - 39     | Gravel.....                                                                                  | 0 - 16    | Very compact fine sand and gravel, brown.....                      | 30 - 35 |
| Refusal (boulders).....                                         | at 39       | <b>NORWELL W16.</b>                                                                          |           | <b>NORWELL W58.</b>                                                |         |
| <b>MARSHFIELD W156.</b>                                         |             | Fine sand and gravel, brown.....                                                             | 0 - 8     | Loose fine sand and gravel and some clay, brown.....               | 0 - 15  |
| Loam.....                                                       | 0 - 2       | Sand and gravel, brown.....                                                                  | 8 - 12    | Very compact fine sand and gravel and clay, brown.....             | 15 - 29 |
| Peat.....                                                       | 2 - 8       | Medium sand and gravel, brown.....                                                           | 12 - 28   | Refusal.....                                                       | at 29   |
| Silty sand, gray.....                                           | 8 - 19      | Sand, brown.....                                                                             | 28 - 31   | <b>NORWELL W59.</b>                                                |         |
| Fine sand, gravel, some clay, yellow.....                       | 19 - 34     | <b>NORWELL W18.</b>                                                                          |           | Loose fine sand, brown.....                                        | 0 - 4   |
| Firm clay.....                                                  | 34 - 37     | Sand, gravel, and boulders.....                                                              | 0 - 14    | Very compact fine sand and clay, brown.....                        | 4 - 20  |
| Refusal.....                                                    | at 37       | Sand and gravel, brown.....                                                                  | 14 - 27   | Refusal.....                                                       | at 20   |
| <b>MARSHFIELD W158.</b>                                         |             | Sand, gray.....                                                                              | 27 - 29   | <b>NORWELL W63.</b>                                                |         |
| Loam.....                                                       | 0 - 2       | Refusal.....                                                                                 | at 29     | Loose fine sand, brown.....                                        | 0 - 3   |
| Sandy clay, yellow.....                                         | 2 - 9       | <b>NORWELL W21.</b>                                                                          |           | Compact fine sand and gravel and trace of clay, brown.....         | 3 - 26  |
| Compact sand, clay, sharp gravel, yellow.....                   | 9 - 21      | Sand and gravel, brown.....                                                                  | 0 - 26    | Medium compact fine sand, silt, and clay, gray.....                | 26 - 37 |
| Refusal.....                                                    | at 21       | Refusal.....                                                                                 | at 26     | Compact fine sand, silt, and clay, gray-brown.....                 | 37 - 52 |
| <b>MARSHFIELD W163.</b>                                         |             | <b>NORWELL W25.</b>                                                                          |           | Very compact fine sand and silt, gray.....                         | 52 - 63 |
| Hardpan.....                                                    | 0 - 10      | Sand.....                                                                                    | 0 - 15    | Refusal.....                                                       | at 63   |
| Clay, yellow.....                                               | 10 - 20     | Gravel and clay.....                                                                         | 15 - 51   | <b>NORWELL W65.</b>                                                |         |
| Sand.....                                                       | 20 - 21.5   | <b>NORWELL W31.</b>                                                                          |           | Very compact fine sand, some gravel, and trace of clay, brown..... | 0 - 17  |
| Clay, blue and yellow.....                                      | 21.5 - 33.5 | Medium sand, brown.....                                                                      | 0 - 6     | Compact fine to medium sand and gravel, brown.....                 | 17 - 29 |
| Sand.....                                                       | at 33.5     | Clay and gravel, brown.....                                                                  | 6 - 12    | Fine to medium sand and some gravel, brown.....                    | 29 - 39 |
| <b>MARSHFIELD W16.</b>                                          |             | Sand, gravel, and clay.....                                                                  | 12 - 23   | Refusal.....                                                       | at 39   |
| Medium sand, some gravel.....                                   | 0 - 2       | Clay and gravel.....                                                                         | 23 - 26   | <b>NORWELL W73.</b>                                                |         |
| Organic silt.....                                               | 2 - 12.5    | Fine sand, red.....                                                                          | 26 - 40   | Very compact fine sand, yellow..                                   | 0 - 10  |
| Peaty silt.....                                                 | 12.5 - 13.5 | Medium sand and clay, brown.....                                                             | 40 - 45   | Medium compact fine sand, some gravel, yellow.....                 | 10 - 17 |
| Peat.....                                                       | 13.5 - 25   | Fine sand, brown.....                                                                        | 45 - 60   | Very compact fine to medium sand and gravel, yellow.....           | 17 - 31 |
| Fine sand.....                                                  | 25 - 28     | Fine sand and streaks of clay, yellow.....                                                   | 60 - 72   | Very compact fine sand, yellow..                                   | 31 - 42 |
| <b>MARSHFIELD X13.</b>                                          |             | Refusal.....                                                                                 | at 72     | Refusal.....                                                       | at 42   |
| Loamy sand.....                                                 | 0 - 1.5     | <b>NORWELL W25.</b>                                                                          |           | <b>NORWELL W75.</b>                                                |         |
| Organic silt.....                                               | 1.5 - 11    | Sand.....                                                                                    | 0 - 15    | Topsoil.....                                                       | 0 - 5   |
| Silty sand, some shells.....                                    | 11 - 15     | Gravel and clay.....                                                                         | 15 - 51   | Loose fine sand and gravel, trace of clay, brown.....              | 5 - 16  |
| Hard coarse sand and gravel.....                                | 15 - 20     | <b>NORWELL W31.</b>                                                                          |           | Very compact material.....                                         | 16 - 23 |
| <b>MARSHFIELD X14.</b>                                          |             | Medium sand, brown.....                                                                      | 0 - 6     |                                                                    |         |
| Sand, gravel, fill.....                                         | 0 - 4.5     | Clay and gravel, brown.....                                                                  | 6 - 12    |                                                                    |         |
| Organic silt.....                                               | 4.5 - 25    | Sand, gravel, and clay.....                                                                  | 12 - 23   |                                                                    |         |
| Peat.....                                                       | 25 - 30     | Clay and gravel.....                                                                         | 23 - 26   |                                                                    |         |
| Hard to medium sand, gravel, stones.....                        | 30 - 34     | Fine sand, red.....                                                                          | 26 - 40   |                                                                    |         |
| <b>MARSHFIELD X20.</b>                                          |             | Medium sand and clay, brown.....                                                             | 40 - 45   |                                                                    |         |
| Sand, gravel fill.....                                          | 0 - 4.5     | Fine sand, brown.....                                                                        | 45 - 60   |                                                                    |         |
| Sand fill.....                                                  | 4.5 - 10.5  | Fine sand and streaks of clay, yellow.....                                                   | 60 - 72   |                                                                    |         |
| Peat.....                                                       | 10.5 - 18   | Refusal.....                                                                                 | at 72     |                                                                    |         |
| Hard to medium sand, some gravel.....                           | 18 - 21     |                                                                                              |           |                                                                    |         |

Table 2.--Logs of selected wells and borings (Continued)

|                                                | Depth   |                                  | Depth    |                                  | Depth   |
|------------------------------------------------|---------|----------------------------------|----------|----------------------------------|---------|
| <b>NORWELL W79.</b>                            |         | <b>NORWELL W105.</b>             |          | <b>NORWELL W206 (Continued)</b>  |         |
| Compact, fine sand and gravel,                 |         | Loose sand and gravel, fill..... | 0 - 11   | Medium compact, medium sand,     |         |
| gray-brown.....                                | 0 - 10  | Compact, fine sand and gravel,   |          | brown.....                       | 20 - 35 |
| Loose, fine to medium sand and                 |         | brown.....                       | 11 - 18  | Compact, fine to medium sand,    |         |
| some gravel, gray-brown.....                   | 10 - 29 | Medium compact, fine to medium   |          | brown.....                       | 35 - 40 |
| Medium-compact, fine to medium                 |         | sand and gravel, brown.....      | 18 - 29  | Refusal.....                     | at 40   |
| sand and gravel, brown.....                    | 29 - 36 | Refusal.....                     | at 29    |                                  |         |
| <b>NORWELL W80.</b>                            |         | <b>NORWELL W106.</b>             |          | <b>NORWELL W207.</b>             |         |
| Clay, gravel.....                              | 0 - 18  | Medium compact, fine sand,       |          | Medium compact, fine sand and    |         |
| Coarse gravel.....                             | 18 - 28 | brown.....                       | 0 - 24   | gravel, brown.....               | 0 - 11  |
| Sand, gravel.....                              | 28 - 38 | Compact, fine sand, some         |          | Very compact, fine sand and      |         |
| Refusal (in 2-inch test well)....              | at 38   | gravel and silt, brown.....      | 24 - 43  | gravel, brown.....               | 11 - 18 |
| <b>NORWELL W82.</b>                            |         | Compact, fine sand, some         |          | Medium compact, fine sand and    |         |
| Medium gravel.....                             | 0 - 10  | gravel, brown.....               | 43 - 50  | gravel.....                      | 18 - 23 |
| Fine sand, clay.....                           | 10 - 11 | Very compact, fine sand and      | 50 - 52  | Very compact, fine sand and      |         |
| Medium gravel.....                             | 11 - 34 | gravel, brown.....               | at 52    | gravel.....                      | 23 - 31 |
| Cobbles and hardpan.....                       | 34 - 39 | Refusal.....                     | at 52    | <b>NORWELL W209.</b>             |         |
| <b>NORWELL W83.</b>                            |         | <b>NORWELL W110.</b>             |          | Silty sand, trace of clay,       |         |
| Coarse gravel.....                             | 0 - 17  | Very compact, fine sand, brown.. | 0 - 8    | brown.....                       | 0 - 31  |
| Fine, silty sand and clay.....                 | 17 - 23 | Compact, fine to medium sand     |          | Silty sand, trace of clay,       |         |
| Coarse to medium gravel.....                   | 23 - 30 | and gravel, brown.....           | 8 - 24   | broken stones, brown.....        | 31 - 41 |
| Coarse gravel and hardpan.....                 | 30 - 32 | Medium compact, fine to medium   |          | Refusal.....                     | at 41   |
| Hardpan.....                                   | 32 - 42 | sand and gravel, brown.....      | 24 - 31  | <b>NORWELL W290.</b>             |         |
| Bedrock.....                                   | at 42   | Compact, fine sand and gravel,   | 31 - 48  | Loam and clay.....               | 0 - 3   |
| <b>NORWELL W85.</b>                            |         | gray.....                        | 48 - 59  | Heavy gravel and clay.....       | 2 - 22  |
| Topsoil.....                                   | 0 - 1   | Very compact, fine sand and      |          | Boulders and hardpan.....        | 33 - 29 |
| Fine sand, brown.....                          | 1 - 10  | gravel, gray.....                | 59 - 75  | Refusal.....                     | at 29   |
| Coarse sand, gravel, trace of                  |         | Very compact, fine sand and      |          | <b>NORWELL W294.</b>             |         |
| clay, brown.....                               | 10 - 27 | silt, gray.....                  |          | Clay, hardpan and boulders.....  | 0 - 15  |
| Medium sand and gravel, brown..                | 27 - 32 | <b>NORWELL W114.</b>             |          | <b>NORWELL W295.</b>             |         |
| Refusal.....                                   | at 32   | Topsoil.....                     | 0 - 1    | Clay and silt, brown.....        | 0 - 20  |
| <b>NORWELL W86.</b>                            |         | Very compact, fine sand, gravel, | 1 - 5    | Fine sand and clay, brown.....   | 20 - 32 |
| Fine sand, brown.....                          | 0 - 5   | and clay, brown.....             | 5 - 12   | Refusal.....                     | at 32   |
| Medium sand and gravel, brown..                | 5 - 26  | Medium compact, fine to medium   |          | <b>NORWELL W296.</b>             |         |
| Hardpan.....                                   | 26 - 29 | sand and gravel, brown.....      | 12 - 13  | Fine sand and gravel, brown..... | 0 - 7   |
| Refusal.....                                   | at 29   | Very compact, fine sand,         | at 13    | Fine sand and clay, gray-brown.. | 7 - 17  |
| <b>NORWELL W88.</b>                            |         | gravel, and clay, brown.....     |          | Fine to medium sand and gravel,  |         |
| Compact, fine sand and silt,                   |         | Refusal.....                     |          | brown.....                       | 17 - 27 |
| brown.....                                     | 0 - 16  | <b>NORWELL W116.</b>             |          | Refusal.....                     | at 27   |
| Very compact, fine sand,                       |         | Fill.....                        | 0 - 5    | <b>NORWELL W300.</b>             |         |
| gravel, and silt, brown.....                   | 16 - 24 | Very compact, fine sand,         | 5 - 12   | Sand, brown, clay, gray.....     | 0 - 15  |
| Refusal.....                                   | at 24   | gravel, and silt.....            |          | Clay, gray, with gravel and      |         |
| <b>NORWELL W90.</b>                            |         | Compact, fine sand and           | 12 - 17  | boulders.....                    | 15 - 20 |
| Sand, fill.....                                | 0 - 6   | Very compact, fine sand and      | 17 - 22  | Refusal.....                     | at 20   |
| Loose, fine to medium sand and                 |         | gravel, brown.....               |          | <b>NORWELL W301.</b>             |         |
| gravel, brown.....                             | 6 - 21  | Refusal.....                     |          | Medium compact, fine to medium   |         |
| Compact, fine to medium sand                   |         | <b>NORWELL W124.</b>             |          | sand and gravel, brown.....      | 0 - 17  |
| and gravel, brown.....                         | 21 - 26 | Topsoil.....                     | 0 - 4    | Compact, fine sand and silt,     |         |
| Very compact, fine to medium                   |         | Fine sand, yellow.....           | 4 - 12   | yellow.....                      | 17 - 38 |
| sand and gravel, brown.....                    | 26 - 32 | Medium sand and gravel, brown..  | 12 - 25  | Very compact, fine sand and      |         |
| Refusal.....                                   | at 32   | Coarse sand and gravel, brown..  | 25 - 47  | gravel and silt, yellow.....     | 38 - 39 |
| <b>NORWELL W93.</b>                            |         | Sand and gravel, gray.....       | 47 - 50  | Refusal.....                     | at 39   |
| Sand and gravel.....                           | 0 - 3   | <b>NORWELL W126.</b>             |          | <b>NORWELL W303.</b>             |         |
| Sand, gravel, clay, and boulders.              | 3 - 16  | Dirty sand.....                  | 0 - 30   | Fine sand.....                   | 0 - 22  |
| Hardpan.....                                   | 16 - 23 | Gravel.....                      | 30 - 35  | Clay.....                        | 22 - 50 |
| <b>NORWELL W95.</b>                            |         | Refusal.....                     | at 35    | <b>NORWELL W309.</b>             |         |
| Sand and gravel.....                           | 0 - 8   | <b>NORWELL W128.</b>             |          | Fine sand, yellow.....           | 0 - 19  |
| Sand, gravel, clay, and boulders.              | 8 - 23  | Loose gravel.....                | 0 - 30   | Fine to medium sand and gravel,  |         |
| Refusal.....                                   | at 23   | Hardpan.....                     | 30 - 36  | brown.....                       | 19 - 25 |
| <b>NORWELL W96.</b>                            |         | Bedrock (granite).....           | 36 - 163 | Fine sand, brown.....            | 25 - 38 |
| Silt, sand and clay.....                       | 0 - 20  | <b>NORWELL W268.</b>             |          | Fine sand, gravel, and clay,     |         |
| Clay, blue.....                                | 20 - 51 | Hardpan.....                     | 0 - 35   | brown.....                       | 38 - 47 |
| <b>NORWELL W99.</b>                            |         | Bedrock.....                     | 35 - 39  | Compact, fine sand, gravel,      |         |
| Topsoil.....                                   | 0 - 2   | <b>NORWELL W275.</b>             |          | trace of clay, brown.....        | 47 - 62 |
| Very compact, fine sand and                    |         | Hard-packed sand and gravel,     | 0 - 17   | Refusal.....                     | at 62   |
| rock, brown.....                               | 2 - 7   | hardpan.....                     | 17 - 38  | <b>NORWELL W316.</b>             |         |
| Very compact, fine sand, clay,                 |         | Gravel.....                      | 38 - 80  | No record.....                   | 0 - 5   |
| rock, brown.....                               | 7 - 12  | Fine material.....               |          | Fine silt.....                   | 5 - 10  |
| Compact, fine sand and some                    |         | <b>NORWELL W276.</b>             |          | Fine sand.....                   | 10 - 15 |
| gravel, brown.....                             | 12 - 18 | Hardpan.....                     | 0 - 7    | Medium gravel.....               | 15 - 20 |
| Very compact, fine sand, clay,                 |         | Gravel.....                      | 7 - 35   | Coarse sand.....                 | 20 - 25 |
| rock, gray.....                                | 18 - 24 | <b>NORWELL W278.</b>             |          | Coarse gravel.....               | 25 - 32 |
| Refusal.....                                   | at 24   | Dirty gravel.....                | 0 - 24   | Sand.....                        | 32 - 41 |
| <b>NORWELL W103.</b>                           |         | Bedrock.....                     | at 24    | Clay.....                        | 41 - 48 |
| Very compact, fine sand and                    |         | <b>NORWELL W280.</b>             |          | Gravel.....                      | 48 - 50 |
| gravel, yellow.....                            | 0 - 7   | Topsoil.....                     | 0 - 3    | <b>NORWELL W317.</b>             |         |
| Medium compact, fine sand and                  |         | Very compact, fine sand, brown.. | 3 - 5    | Clay and gravel.....             | 0 - 10  |
| gravel, yellow.....                            | 7 - 22  | Medium compact, fine to medium   |          | Coarse sand.....                 | 10 - 20 |
| Medium compact, fine sand,                     |         | sand, brown.....                 | 5 - 21   | Gravel.....                      | 20 - 40 |
| yellow.....                                    | 22 - 29 | Compact, fine sand, brown.....   | 21 - 25  | Very coarse gravel.....          | 30 - 40 |
| Very compact, fine sand, brown..               | 29 - 47 | <b>NORWELL W283.</b>             |          | <b>NORWELL W318.</b>             |         |
| Very compact, fine sand, gray-<br>brown.....   | 47 - 57 | Sand and gravel.....             | 0 - 35   | Hardpan.....                     | 0 - 71  |
| Medium compact, fine sand, gray-<br>brown..... | 57 - 63 | <b>NORWELL W286.</b>             |          | Bedrock.....                     | 71 - 80 |
| Very compact, fine to medium                   |         | Loose, fine sand.....            | 0 - 4    |                                  |         |
| sand and gravel, gray-brown....                | 63 - 66 | Very compact, fine sand, brown.. | 4 - 8    |                                  |         |
| Very compact, fine sand and                    |         | Medium compact, fine sand,       |          |                                  |         |
| gravel, gray.....                              | 66 - 68 | brown.....                       | 8 - 20   |                                  |         |
| Refusal.....                                   | at 68   |                                  |          |                                  |         |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                             |          | Depth                            |             | Depth                            |             |
|-----------------------------------|----------|----------------------------------|-------------|----------------------------------|-------------|
| <b>NORWELL W322.</b>              |          | <b>FEMERBROKE A11.</b>           |             | <b>FEMERBROKE B3 (Continued)</b> |             |
| Topsoil.....                      | 0 - 2    | Very fine to very coarse sand... | 0 - 5       | Coarse to very coarse sand,      | 20 - 36     |
| Very compact, fine sand, brown... | 2 - 16   | Sand, finer than above.....      | 5 - 10      | gravel, yellow.....              | 36 - 40.5   |
| Compact, fine sand and gravel,    | 16 - 22  | Sand, gravel, grading to sandy   | 10 - 15     | Coarse sand, some gravel,        | 40.5 - 45   |
| brown.....                        | 22 - 30  | clay at bottom.....              | 15 - 23     | yellow.....                      | 45 - 52     |
| Medium compact, very fine sand... | 30 - 36  | Clay, silt, sand, boulders,      | at 23       | Medium to coarse sand, some      | 52 - 59     |
| Compact, fine sand, gravel, and   | at 36    | soft.....                        |             | gravel, yellow.....              | 59 - 64.5   |
| clay, brown.....                  |          | Refusal.....                     |             | Compact, coarse sand, gravel,    | 64.5 - 70   |
| Refusal.....                      |          |                                  |             | trace of clay, boulders,         | 70 - 75.5   |
|                                   |          | <b>FEMERBROKE A13.</b>           |             | Refusal.....                     | at 75.5     |
| <b>FEMERBROKE A3.</b>             |          | Fine sand, some clay, brown....  | 0 - 5       | <b>FEMERBROKE B4.</b>            |             |
| Fill.....                         | 0 - 1    | Fine sand, brown.....            | 5 - 10      | Sandy loam.....                  | 0 - 2       |
| Fine sand, brown.....             | 1 - 5    | Very coarse sand, brown.....     | 10 - 14     | Medium sand, some gravel, some   | 2 - 6.5     |
| Fine sand, light brown, stony     | 5 - 30   | Fine to coarse sand.....         | 14 - 20     | coarse sand, boulders,           | 6.5 - 11    |
| layer at 16 feet.....             | 30 - 35  | Fine sand, trace of coarse sand. | 20 - 30     | yellow.....                      | 11 - 14     |
| Fine to medium sand, light brown. | 35 - 40  | Sand, slightly coarser than      | 30 - 40     | Fine to medium, silty sand;      | 14 - 20     |
| Medium to coarse sand.....        | 40 - 45  | above.....                       | 40 - 47     | traces of gravel, coarse sand    | 20 - 23     |
| Medium sand, some coarse sand,    | 45 - 50  | Coarse sand, olive, hard at      | 47 - 50     | and clay, yellow.....            | 23 - 28     |
| some pebbles.....                 | 50 - 55  | 48 feet.....                     | 50 - 55     | trace of gravel, gray.....       | 28 - 38     |
| Medium to coarse sand, light      | 55 - 60  | Sand, red.....                   | 55 - 60     | Stiff, sandy, silty clay,        | 38 - 48     |
| brown.....                        | 60 - 65  | Layered clay, blue and reddish   |             | gray.....                        | 48 - 58     |
| Medium sand, trace of coarse      | 65 - 75  | purple.....                      |             | Stiff, sandy, silty clay,        | 58 - 61     |
| sand.....                         | 75 - 80  |                                  |             | trace of gravel, gray.....       | 61 - 62     |
| Fine to medium sand.....          | 80 - 87  |                                  |             | Stiff, clayey silty, gray.....   |             |
| Coarse sand.....                  |          | <b>FEMERBROKE A15.</b>           |             | Very compact, very fine, silty   |             |
| Very coarse sand.....             |          | Topsoil, sand.....               | 0 - 4       | sand, some clay, gray.....       |             |
| Coarse to very coarse sand.....   |          | Silty clay, rock fragments       | 4 - 17      | <b>FEMERBROKE W1.</b>            |             |
|                                   |          | (till?).....                     | 17 - 30     | Fill (clinders).....             | 0 - 3.5     |
| <b>FEMERBROKE A4.</b>             |          | Sand, silt, becomes sandier      | at 30       | Loam.....                        | 3.5 - 4.5   |
| Very fine sand, some pebbles,     | 0 - 5    | at depth.....                    |             | Fine sand, clay.....             | 4.5 - 6.7   |
| light brown.....                  | 5 - 7    | Refusal (clayey till on auger    |             | Sand, gravel, clay, gray.....    | 6.7 - 12.1  |
| Very fine sand, layers of pebbles | 7 - 10   | bit).....                        |             | Sand, gravel, clay, gray         | 12.1 - 17.1 |
| 1 to 2 inches in diameter.....    | 10 - 25  |                                  |             | (hardpan).....                   |             |
| Medium sand, some pebbles.....    | 25 - 35  | <b>FEMERBROKE A16.</b>           |             | <b>FEMERBROKE W1.</b>            |             |
| Medium to coarse sand.....        | 35 - 45  | Fill.....                        | 0 - 3       | No record.....                   | 0 - 1       |
| Coarse sand.....                  | 45 - 50  | Pebbly, clayey sand, tan-gray    | 3 - 5       | Peat.....                        | 1 - 18.5    |
| Very coarse sand, fine gravel.... | 50 - 55  | (till?).....                     | 5 - 12      | Sand, some gravel, some clay,    | 18.5 - 32   |
| Very fine gravel.....             | 55 - 60  | Medium to coarse sand, pebbles,  | 12 - 14     | gray.....                        | 32 - 37.5   |
| Fine gravel, grading downward to  | 60 - 64  | clay, silt (sandy till?).....    | 14 - 15     | Sand, gravel, some clay, brown.. | 37.5 - 48   |
| very coarse sand.....             |          | Sand, silt, gray-green (till?).. | 15 - 16     | Sand, gravel, clay, gray         | 48 - 56     |
| Clay (?) hard drilling.....       |          | Silty till (?).....              | 16 - 20     | Refusal.....                     | at 56       |
| Refusal (blue clay on auger bit,  |          | Massive clay, brown.....         | 20 - 25     | <b>FEMERBROKE W10.</b>           |             |
| with fragments of fresh           |          | Clay, sand, and pebbles,         |             | Loam.....                        | 0 - .7      |
| crushed rock).....                | at 64    | mixed (till).....                |             | Sand, gravel, clay, gray.....    | .7 - 7.8    |
|                                   |          | Till.....                        |             | Sand, gravel, trace of clay,     | 7.8 - 27    |
| <b>FEMERBROKE A5.</b>             |          |                                  |             | Sand, gravel, clay, brown.....   | 27 - 31     |
| Coarse gravel, fine to coarse     | 0 - 5    | <b>FEMERBROKE A17.</b>           |             | Sand, gravel, trace of clay,     | 31 - 37.2   |
| sand, pebbles.....                | 5 - 6    | Sandy topsoil.....               | 0 - 3       | brown.....                       | 37.2 - 41   |
| Gravel.....                       | 6 - 10   | Medium to coarse sand, brown.... | 3 - 5       | Hard-packed sand, gravel,        | 41 - 48.8   |
| Coarse sand.....                  | 10 - 15  | Medium to very coarse sand,      |             | trace of clay.....               | 48.8 - 51.6 |
| Medium to coarse sand, brown....  | 15 - 20  | scattered pebbles.....           |             | clay, red.....                   | at 51.6     |
| Medium to coarse sand, very       | 20 - 25  | Medium to coarse sand.....       | 20 - 25     | <b>FEMERBROKE W11.</b>           |             |
| fine gravel, brown.....           | 25 - 33  | Fine to medium sand.....         | 25 - 43     | Loam.....                        | 0 - .7      |
| Medium to coarse gravel, medium   | 33 - 39  | <b>FEMERBROKE A18.</b>           |             | Hard-packed sand, gravel, clay.. | .7 - 4.7    |
| to coarse sand.....               | 39 - 43  | Fine sand.....                   | 0 - 5       | Clay, brown changing to gray...  | 4.7 - 15    |
| Medium sand, very fine to fine    | 43 - 48  | Very fine to fine sand,          | 5 - 15      | Sand, gravel, clay.....          | 15 - 25.3   |
| gravel.....                       | 48 - 55  | scattered fine gravel.....       | 15 - 20     | Clay, gray.....                  | 25.3 - 31   |
| Hard bed, finer material than     | 55 - 60  | Poorly sorted sand, fine         | 20 - 24     | Sand, gravel, clay, gray.....    | 31 - 44.8   |
| above.....                        | 60 - 64  | gravel (till?).....              | 24 - 32     | Sand, gravel, clay.....          | 44.8 - 46.7 |
| Refusal.....                      | at 64    | Sand, gravel, pebbles, gray-     | at 32       | Refusal.....                     | at 46.7     |
|                                   |          | green.....                       |             |                                  |             |
| <b>FEMERBROKE A6.</b>             |          | Clay, silt, fine sand.....       |             |                                  |             |
| Medium sand, brown.....           | 0 - 4    | Hard drilling, rocky.....        |             |                                  |             |
| Cobbles 1 inch in diameter.....   | 4 - 5    |                                  |             |                                  |             |
| Medium sand, some gravel.....     | 5 - 10   | <b>FEMERBROKE A19.</b>           |             |                                  |             |
| Medium sand, some boulders.....   | 10 - 17  | Topsoil, boulders.....           | 0 - 2       |                                  |             |
| Sand, clay.....                   | 17 - 22  | Till, brown, boulders.....       | 2 - 9       |                                  |             |
| Sand, silt, clay--hard drilling.. | 22 - 29  | Till, gray-green.....            | 9 - 10      |                                  |             |
| Refusal (gray clay on bit).....   | at 29    | Till, pebbles at 13 feet.....    | 10 - 13     |                                  |             |
|                                   |          | Till, some sharp pebbles.....    | 13 - 20     |                                  |             |
| <b>FEMERBROKE A7.</b>             |          | Sandy till, brown.....           | 20 - 25     |                                  |             |
| Fine to medium sand, brown.....   | 0 - 4    | Till, brown, with coarser        | 25 - 35     |                                  |             |
| Pebbles and cobbles 1.5 to        | 4 - 5    | sand, clay.....                  | at 35       |                                  |             |
| 5 inches in diameter).....        | 5 - 8    | Refusal.....                     |             |                                  |             |
| Sand.....                         | 8 - 15   | <b>FEMERBROKE B1.</b>            |             |                                  |             |
| Medium to coarse sand, brown,     | 15 - 19  | Coarse sand, gravel, boulders... | 0 - 8       |                                  |             |
| some gravel and pebble layers     |          | Fine sand, some gravel, blue.... | 8 - 15.4    |                                  |             |
| below 10 feet.....                |          | Hard, fine sand, gravel, clay,   | 15.4 - 21   |                                  |             |
| Pebble layers, coarse sand.....   |          | blue (hardpan).....              |             |                                  |             |
|                                   |          |                                  |             |                                  |             |
| <b>FEMERBROKE A9.</b>             |          | <b>FEMERBROKE B2.</b>            |             |                                  |             |
| Medium sand.....                  | 0 - 4.5  | Silty peat.....                  | 0 - 8       |                                  |             |
| Medium sand, gravel.....          | 4.5 - 6  | Fine, dirty sand.....            | 8 - 8.8     |                                  |             |
| Coarse sand, some gravel layers,  | 6 - 10   | Clay, blue, medium sand, gravel. | 8.5 - 13.3  |                                  |             |
| deep red.....                     | 10 - 11  | Fine sand, clay.....             | 13.3 - 22.8 |                                  |             |
| Sand, deep red.....               | at 11    | Clay, blue, sand.....            | 22.8 - 45.5 |                                  |             |
| Refusal.....                      |          | Coarse sand.....                 | 45.5 - 55.3 |                                  |             |
|                                   |          | Hard, coarse sand and gravel.... | 55.3 - 63.5 |                                  |             |
| <b>FEMERBROKE A10.</b>            |          | <b>FEMERBROKE B3.</b>            |             |                                  |             |
| Loam.....                         | 0 - 3    | Peaty silt.....                  | 0 - 1       |                                  |             |
| Sand, clayey, brown.....          | 3 - 7.5  | Coarse to very coarse sand,      |             |                                  |             |
| Clay, gray.....                   | 7.5 - 24 | gravel, some fine to medium      |             |                                  |             |
| Hard, sandy clay (till).....      | 24 - 29  | sand, yellow.....                | 1 - 8       |                                  |             |
|                                   |          | Coarse to very coarse sand,      |             |                                  |             |
|                                   |          | gravel, some medium sand,        |             |                                  |             |
|                                   |          | boulders, yellow-gray.....       | 8 - 20      |                                  |             |



Table 2.--Logs of selected wells and borings (Continued)

|                                   | Depth       |                                   | Depth        |                                             | Depth                    |
|-----------------------------------|-------------|-----------------------------------|--------------|---------------------------------------------|--------------------------|
| <b>FEMERBROKE W15.</b>            |             | <b>FEMERBROKE W240.</b>           |              | <b>FEMERBROKE W279 (Continued)</b>          | Depth of<br>sampled zone |
| Peat.....                         | 0 - 2.5     | No record.....                    | 0 - 26       | Very fine to very coarse sand,<br>gray..... | 40 - 41.6                |
| Hard sand, gravel.....            | 2.5 - 10.7  | Fine sand, boulders, little clay  | 26 - 31      | Fine to very coarse sand, very              |                          |
| Sand, gravel, little clay.....    | 10.7 - 15   | Medium to coarse sand, some       |              | fine to fine gravel, some                   |                          |
| Medium sand, gravel, trace of     |             | gravel.....                       | 31 - 36      | silt (till?), brown.....                    | 45 - 46.5                |
| clay.....                         | 15 - 20     | Fine to medium sand, some gravel  | 36 - 46      | Till, gray, mixed sand, gravel,             |                          |
| Sand (mostly fine), gravel.....   | 20 - 24     | Medium sand, streaks of clay....  | 46 - 56      | silt.....                                   | 50 - 51.5                |
| Sand, gravel, red-brown.....      | 24 - 28     | Medium sand, some gravel.....     | 56 - 61      | Silt, gravel, sand, mixed,                  |                          |
| Sand, gravel (more fine sand),    |             | Medium sand.....                  | 61 - 66      | gray; fine sand, brown.....                 | 55 - 56.5                |
| brown.....                        | 28 - 34.5   | Medium sand, some gravel.....     | 66 - 76      | Very fine to coarse sand, light             |                          |
| Hard sand, clay.....              | 34.5 - 38   | Medium to coarse sand, gravel,    |              | brown.....                                  | 60 - 61.5                |
| Very hard sand, broken stones,    |             | stones.....                       | 76 - 81      | Boulder.....                                | 65 - 67                  |
| gravel, clay.....                 | 38 - 50.5   | Medium to coarse sand, gravel.... | 81 - 91      | Weathered black shale.....                  | 70 - 71.5                |
| Refusal.....                      | at 50.5     | Medium to coarse sand, gravel,    |              |                                             |                          |
|                                   |             | some stones.....                  | 91 - 96      |                                             |                          |
| <b>FEMERBROKE W16.</b>            |             | Coarse sand, stones.....          | 96 - 101     | <b>FEMERBROKE W284.</b>                     |                          |
| Loam.....                         | 0 - 1       | Coarse gravel, some boulders....  | 101 - 108    | Fine to coarse sand and some                |                          |
| Sand, gravel, trace of clay,      |             | Fine sand.....                    | at 108       | fine gravel.....                            | 0 - 39                   |
| gray.....                         | 1 - 4.5     |                                   |              | Fine, silty sand, gray, with                |                          |
| Sand, gravel, clay.....           | 4.5 - 19.7  | <b>FEMERBROKE W241.</b>           |              | traces of clay.....                         | 39 - 112                 |
| Fine sand, clay, gravel.....      | 19.7 - 25.5 | Medium to coarse sand, light      |              | Refusal.....                                | at 112                   |
| Refusal.....                      | at 25.5     | brown.....                        | 0 - 33       |                                             |                          |
| <b>FEMERBROKE W17.</b>            |             | Coarse sand, dark brown.....      | 33 - 42      | <b>FEMERBROKE W285.</b>                     |                          |
| Loam.....                         | 0 - .5      | Very coarse sand, some fine       |              | Boulders, gravel.....                       | 0 - 21                   |
| Sand and gravel (much fine        |             | sand (no iron stain).....         | 42 - 51      | Sand, gravel, trace of clay,                |                          |
| material).....                    | .5 - 17     | Fine sand, gravel, trace of       |              | gray.....                                   | 21 - 25                  |
| Sand, gravel, clay, some rocks... | 17 - 29.1   | clay.....                         | 51 - 66      | Sand, boulders, gravel, gray....            | 25 - 30                  |
| Sand, gravel, trace of clay.....  | 29.1 - 34.5 | Sand, sharp gravel, clay.....     | 66 - 92      | Sand, gravel, brown.....                    | 30 - 72                  |
| Medium sand, gravel, some         |             | Refusal.....                      | at 92        | Sand, gravel, trace of clay,                |                          |
| boulders.....                     | 34.5 - 54.1 |                                   |              | gray.....                                   | 72 - 77                  |
| Medium sand, gravel, much fine    |             | <b>FEMERBROKE W277.</b>           | Depth of     | <b>FEMERBROKE W286.</b>                     |                          |
| rock material and boulders....    | 54.1 - 63.5 | Very fine to coarse sand,         | sampled zone | Sand, brown.....                            | 0 - 10                   |
| Sand, gravel, clay, gray.....     | 63.5 - 74.8 | occasional pebbles, light         |              | Coarse sand.....                            | 10 - 50                  |
| Refusal.....                      | at 74.8     | brown.....                        | 5 - 6.6      | Fine sand.....                              | 50 - 62                  |
| <b>FEMERBROKE W20.</b>            |             | Medium to very coarse sand, tan.  | 10 - 11.6    | Medium sand.....                            | 62 - 72                  |
| Loam.....                         | 0 - 1.7     | Medium to coarse sand, some       |              | Till.....                                   | at 72                    |
| Sand, gravel.....                 | 1.7 - 4     | fine sand, brown.....             | 15 - 16.6    |                                             |                          |
| Sand, gravel, clay, gray.....     | 4 - 22      | No recovery, piece of gravel      |              | <b>FEMERBROKE W290.</b>                     |                          |
| Sand, gravel, clay, very dark     |             | stuck in spoon.....               | 21 - 21.6    | Sand, brown.....                            | 0 - 15                   |
| gray.....                         | 22 - 49.5   | Fine to coarse sand, red-brown,   |              | Sand, gray.....                             | 15 - 40                  |
| Refusal.....                      | at 49.5     | some lenses of clay and           |              | Sand, gray-brown.....                       | 40 - 65                  |
|                                   |             | fragments of sedimentary          |              | Silty sand, gray.....                       | 65 - 85                  |
| <b>FEMERBROKE W21.</b>            |             | rock.....                         | 21.6 - 23    | Bedrock.....                                | at 85                    |
| Hard sand, gravel, clay.....      | 0 - 10      | No recovery.....                  | 25 - 26.6    |                                             |                          |
| Sand, gravel.....                 | 10 - 18     | Very coarse to fine sand, some    |              | <b>FEMERBROKE W292.</b>                     |                          |
| Sand, gravel, clay, gray.....     | 18 - 29     | silt, beds of medium to fine      |              | Sand, brown, some gravel,                   |                          |
| Refusal.....                      | at 29       | gravel.....                       | 26.6 - 28    | clay, blue.....                             | 0 - 32                   |
| <b>FEMERBROKE W22.</b>            |             | No recovery, pebbles in sampling  |              | Sand and medium gravel, brown...            | 32 - 64                  |
| Peat.....                         | 0 - .6      | spoon.....                        | 30 - 31.6    | Silty sand, broken stones and               |                          |
| Hard sand, gravel, clay.....      | .6 - 4.5    | No recovery, pebbles in sampling  |              | clay, brown.....                            | 64 - 71                  |
| Clay.....                         | 4.5 - 6.5   | spoon.....                        | 31.6 - 33    |                                             |                          |
| Sand, gravel, trace of clay.....  | 6.5 - 14    | Fine to very coarse sand, some    |              | <b>FEMERBROKE W294.</b>                     |                          |
| Fine sand, clay.....              | 14 - 24.5   | fine gravel and silt, bed of      |              | Clay, some sand and gravel,                 |                          |
| Clay, some fine sand.....         | 24.5 - 37.5 | clay till, brown.....             | 35 - 36.6    | brown.....                                  | 0 - 10                   |
| Refusal.....                      | at 37.5     | Stiff clay, gray, trace of sand;  |              | Silty sand, some coarse sand                |                          |
|                                   |             | fine to coarse sand beds,         |              | and gravel, brown.....                      | 10 - 15                  |
| <b>FEMERBROKE W23.</b>            |             | gray-brown.....                   | 45 - 46.5    | Coarse sand and gravel, brown...            | 15 - 26                  |
| Hard sand, gravel, clay.....      | 0 - 5       | Fine to coarse sand, scattered    |              | Coarse sand and gravel, some                |                          |
| Sand, gravel, rock.....           | 5 - 14.7    | pebbles, some silt, brown....     | 50 - 51.5    | silty sand, brown.....                      | 26 - 43                  |
| Refusal.....                      | at 14.7     | Fine to coarse sand, some silt,   |              | Refusal.....                                | at 43                    |
| <b>FEMERBROKE W39.</b>            |             | pebbles, light brown.....         | 55 - 56.5    |                                             |                          |
| Loam.....                         | 0 - 1       | Fine to very coarse sand, some    |              | <b>FEMERBROKE W295.</b>                     |                          |
| Medium to coarse sand.....        | 1 - 16      | silt and fine gravel, beds of     |              | Sand, gravel, and clay, dark                |                          |
| Soft clay, gray.....              | 16 - 18     | stiff clay mixed with sand,       |              | brown.....                                  | 0 - 16                   |
| Coarse sand, gravel.....          | 18 - 31     | light brown.....                  | 60 - 61.6    | Medium sand and gravel, brown...            | 16 - 26                  |
| Fine to medium sand.....          | 31 - 42     | Very fine to medium sand, some    |              | Refusal.....                                | at 26                    |
| Hard-packed sand, clay, sharp     |             | silt, brown, fine to very         |              |                                             |                          |
| gravel.....                       | 42 - 43     | coarse sand and gravel.....       | 65 - 66.6    | <b>FEMERBROKE W296.</b>                     |                          |
| Refusal on boulders.....          | at 43       | Fine to very coarse sand, some    |              | Silty sand and clay, brown.....             | 0 - 26                   |
|                                   |             | fine gravel; beds of clay         |              | Clay, blue.....                             | 26 - 57                  |
| <b>FEMERBROKE W41.</b>            |             | and very fine sand.....           | 70 - 71.6    | Silty sand, some fine gravel,               |                          |
| Coarse to medium sand and gravel. | 0 - 6       | Sand and fine gravel, gray.....   | 80 - 81.6    | gray.....                                   | 57 - 70                  |
| Fine sand, some medium sand and   |             | some sharp gravel and clay....    | 85 - 86.6    | Refusal.....                                | at 70                    |
| gravel.....                       | 6 - 12      | Cored boulder.....                | 90 - 91.3    |                                             |                          |
| Medium to fine sand, some gravel. | 12 - 18     | Fine silt, gray, probably till..  | 91.6 - 94.8  | <b>FEMERBROKE W297.</b>                     |                          |
| Clay mixed with fine sand.....    | 18 - 24     | Clay till.....                    | 95 - 95.4    | Silty sand, some fine gravel,               |                          |
| Coarse gravel, coarse sand,       |             | Till, very fine to very coarse    |              | brown.....                                  | 0 - 16                   |
| some fines.....                   | 24 - 30.5   | sand, silt.....                   | 100 - 105    | Fine sand, some fine gravel,                |                          |
| Medium to coarse sand, some fine  |             | Till.....                         | 105 - 106.4  | brown.....                                  | 16 - 37                  |
| material.....                     | 30.5 - 44.5 | Weathered, sedimentary bedrock..  | 110 - 115    | Sand and fine gravel, gray.....             | 37 - 43                  |
| Coarse sand and gravel.....       | 44.5 - 49   | No recovery.....                  | 115 - 120    | Refusal.....                                | at 43                    |
| Medium to coarse sand, some fine  |             |                                   |              |                                             |                          |
| material.....                     | 49 - 54     | <b>FEMERBROKE W279.</b>           | Depth of     | <b>FEMERBROKE W299.</b>                     |                          |
| Rocks to boulders, some gravel..  | 54 - 59     | Washed fragments of clay.....     | sampled zone | Fine sand and gravel, brown....             | 0 - 22                   |
| Boulders, large gravel, coarse    |             | Very fine to fine sand, brown...  | 5 - 5.5      | Sand and broken stone, dark                 |                          |
| to medium sand.....               | 59 - 61     | Very fine to medium sand, silt,   |              | brown.....                                  | 22 - 37                  |
| Large gravel, fine to coarse      |             | silty sand, brown.....            | 10 - 11.5    | Refusal.....                                | at 37                    |
| sand, some silt, trace of clay.   | 61 - 62     | Fine to very coarse sand and      |              |                                             |                          |
| Clay and silt, gray.....          | 62 - 64     | very fine gravel, brown.....      | 15 - 16.5    | <b>FEMERBROKE W300.</b>                     |                          |
|                                   |             | Mixed sand, gravel, silt, brown.  | 20 - 21.6    | Clay, gray, some sand and                   |                          |
| <b>FEMERBROKE W185.</b>           |             | Sand, gravel, silt, red-brown;    |              | gravel.....                                 | 0 - 20                   |
| Hardpan.....                      | 0 - 7       | fine to coarse sand, gray....     | 25 - 26.5    | Refusal.....                                | at 20                    |
| Clay, blue.....                   | 7 - 40      | Very fine to very coarse sand,    |              |                                             |                          |
| Sand, gravel.....                 | 40 - 42     | silt, red-brown; fine to coarse   |              | <b>FEMERBROKE W301.</b>                     |                          |
|                                   |             | sand, gray; mixed sand,           |              | Silty sand, some fine gravel,               |                          |
|                                   |             | gravel, silt.....                 | 30 - 31.5    | brown.....                                  | 0 - 17                   |
|                                   |             | Very fine to very coarse sand,    |              | Refusal.....                                | at 17                    |
|                                   |             | fine to medium gravel, brown..    | 35 - 36.5    |                                             |                          |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                             |           | Depth                            |           | Depth                            |           |
|-----------------------------------|-----------|----------------------------------|-----------|----------------------------------|-----------|
| <b>PEMBROKE W307.</b>             |           | <b>PEMBROKE W326.</b>            |           | <b>PEMBROKE W10.</b>             |           |
| Fine sand, some fine gravel,      | 0 - 16    | Fine sand, some coarse sand      | 0 - 18    | Medium sand, gravel, yellow....  | 0 - 3.5   |
| brown.....                        | 16 - 21   | and gravel.....                  | 18 - 23   | Medium to coarse sand, gravel... | 3.5 - 10  |
| Sand and fine gravel, brown.....  | 21 - 31   | Fine sand, red-brown.....        | 23 - 44   | Loose, coarse sand, gravel.....  | 10 - 16.5 |
| Sand, some fine gravel, reddish   | 31 - 37   | Fine sand, brown, trace of clay. | 44 - 50   | Peat and silt.....               | 16.5 - 25 |
| brown.....                        | 37 - 54   | Fine sand, trace of coarse       |           | Silt.....                        | 25 - 30   |
| Fine sand, light brown, traces    | at 54     | sand and clay, brown.....        |           | Medium sand, some silt.....      | 30 - 35   |
| of clay, blue.....                |           |                                  |           | Medium sand, gray.....           | 35 - 39   |
| Sand and fine gravel, light       |           | <b>PEMBROKE W327.</b>            |           | Medium sand, gravel, yellow....  | 39 - 45   |
| brown.....                        |           | Fine sand, some coarse sand and  | 0 - 18    |                                  |           |
| Refusal.....                      |           | gravel.....                      |           | <b>PLYMOUTH W148.</b>            |           |
| <b>PEMBROKE W308.</b>             |           | Fine sand, some coarse sand      | 18 - 33   | Hard, fine sand, sharp gravel,   |           |
| Sand, some fine gravel, reddish   | 0 - 16    | and gravel, brown.....           | 33 - 38   | clay, brown.....                 | 0 - 27    |
| brown.....                        | 16 - 21   | Fine sand, trace of clay.....    | 38 - 45   | Fine sand, clay, brown.....      | 27 - 56   |
| Coarse sand and gravel, brown.... | 21 - 32   | Shale.....                       | at 45     | Fine sand, trace of clay, brown. | 56 - 60   |
| Sand and fine gravel, gray.....   |           | Refusal.....                     |           | Hard clay, yellow.....           | 60 - 65   |
| Silty sand, some coarse gravel,   |           |                                  |           |                                  |           |
| gray.....                         | 32 - 37   | <b>PEMBROKE W329.</b>            |           | <b>PLYMPTON W53.</b>             |           |
| Silty sand, gray.....             | 37 - 52   | Fine sand, some coarse sand and  | 0 - 18    | Topsoil.....                     | 0 - 2     |
| Silty sand, gray, trace of clay,  |           | gravel.....                      |           | Hard-packed clay, sharp gravel,  |           |
| blue.....                         | 52 - 91   | Fine sand, some coarse sand and  | 18 - 23   | boulders, brown.....             | 2 - 19    |
| Refusal.....                      | at 91     | gravel, trace of clay.....       | 23 - 33   | Hard clay, sharp gravel, gray... | 19 - 28   |
|                                   |           | Fine sand, some silt, brown..... | 33 - 50   | Refusal.....                     | at 28     |
| <b>PEMBROKE W310.</b>             |           | Fine sand, some clay, gray.....  | at 50     | <b>PLYMPTON W77.</b>             |           |
| Sand, some fine gravel, brown.... | 0 - 10    | Refusal.....                     |           | Fine sand, broken stone.....     | 0 - 21    |
| Silty sand, some fine gravel,     | 10 - 21   | <b>PEMBROKE W331.</b>            | 0 - 6     | Fine sand.....                   | 21 - 50   |
| some clay, brown.....             | 21 - 27   | Peat.....                        |           | Refusal.....                     | at 50     |
| Clay, blue, some silty sand,      |           | Fine sand, some coarse sand and  | 6 - 17    | <b>PLYMPTON W80.</b>             |           |
| brown.....                        | 27 - 32   | gravel.....                      | 17 - 22   | Fine sand, silt.....             | 0 - 42    |
| Medium sand and gravel, trace of  | 32 - 37   | Fine sand, trace of coarse sand. | 22 - 38   | Silt, clay.....                  | 42 - 72   |
| clay, brown.....                  | at 32     | Fine sand, some coarse sand....  | 38 - 54   | Refusal.....                     | at 72     |
| Refusal.....                      |           | and gravel.....                  |           | <b>PLYMPTON X2.</b>              |           |
| <b>PEMBROKE W311.</b>             |           | Fine sand, some coarse sand,     | 54 - 59.5 | Soft, sandy loam.....            | 0 - 1     |
| Loose sand, scattered gravel....  | 0 - 15    | gravel, and rock chips.....      |           | Very loose, fine to medium       |           |
| Loose sand, some gravel.....      | 15 - 20   | <b>PEMBROKE W332.</b>            |           | leached sand, yellow.....        | 1 - 4     |
| Fine to coarse sand and silt,     |           | Fine sand, silt and clay.....    | 0 - 21    | Loose, medium to fine sand,      |           |
| gray.....                         | 20 - 55   | Fine to medium sand, some gravel | 21 - 48   | yellow.....                      | 4 - 11    |
| Fine sand and silt, brown.....    | 55 - 65   | Fine sand, silt, clay, and       |           | Very loose, coarse to medium,    |           |
| Fine to coarse sand, brown.....   | 65 - 80   | hardpan.....                     | 48 - 68   | leached sand, yellow.....        | 11 - 18   |
| Fine sand and silt, brown.....    | 80 - 103  | Refusal.....                     | at 68     | Loose, coarse to medium, silty   |           |
| Sand, gravel, and clay.....       | 103 - 108 |                                  |           | sand and gravel, gray-yellow..   | 18 - 26   |
| Refusal.....                      | at 108    | <b>PEMBROKE W333.</b>            |           | <b>ROCKLAND W2.</b>              |           |
| <b>PEMBROKE W312.</b>             |           | Topsoil and hardpan.....         | 0 - 15    | Loam, sand.....                  | 0 - 2     |
| Loose, fine to coarse sand.....   | 0 - 15    | Refusal.....                     | at 15     | Sand, gravel.....                | 2 - 14    |
| Loose sand, gravel, and silt,     |           | <b>PEMBROKE W334.</b>            |           | Hardpan, boulders.....           | 14 - 26.5 |
| gray.....                         | 15 - 40   | Fine sand.....                   | 0 - 31    | Medium sand, some sand, gray...  | 26.5 - 29 |
| Fine sand and silt, brown.....    | 40 - 123  | Fine to coarse sand, some        | 31 - 38   | Sand, sharp gravel, clay.....    | 29 - 45   |
| Refusal.....                      | at 123    | gravel and small stones.....     |           | <b>ROCKLAND W9.</b>              |           |
| <b>PEMBROKE W313.</b>             |           | Fine sand with silt and trace    | 38 - 52   | Sand, gravel, boulders.....      | 0 - 6     |
| Peat.....                         | 0 - 2     | of clay.....                     | at 52     | Sand and gravel.....             | 6 - 21    |
| Fine to coarse sand and silt..... | 2 - 30    | Refusal.....                     |           | Coarse sand, scattered gravel,   |           |
| Fine to coarse sand, some gravel  |           | <b>PEMBROKE W335.</b>            |           | gray.....                        | 21 - 40   |
| and silt.....                     | 30 - 45   | Fine to medium sand with trace   | 0 - 46    | Clay, hardpan.....               | 40 - 51   |
| Loose sand, gravel, and silt..... | 45 - 57   | of clay.....                     |           | <b>ROCKLAND W12.</b>             |           |
| Fine sand and silt.....           | 57 - 65   | Fine to medium sand with trace   |           | Coarse sand, gravel, boulders... | 0 - 9.7   |
| <b>PEMBROKE W314.</b>             |           | of clay, increasing amount of    |           | Soft clay, sharp gravel.....     | 9.7 - 18  |
| Loose sand and gravel, brown....  | 0 - 41    | coarse, sharp sand and fine,     | 46 - 73   | Hard clay, boulders.....         | 18 - 26   |
| Fine sand and silt.....           | 41 - 50   | sharp gravel.....                | at 73     | Hardpan, weathered shale.....    | 26 - 39.8 |
| Clay with sand and gravel.....    | 50 - 60   | Refusal.....                     |           | Refusal.....                     | at 39.8   |
| Compact, fine sand and silt.....  | 60 - 67   | <b>PEMBROKE W336.</b>            |           | <b>ROCKLAND W14.</b>             |           |
| Refusal.....                      | at 67     | Fine sand, clay, and silt.....   | 0 - 42    | Loam.....                        | 0 - 1     |
| <b>PEMBROKE W317.</b>             |           | Fine sand, clay, and silt,       |           | Hard-packed sand, gravel,        |           |
| Fine to coarse sand, some gravel. | 0 - 33    | increasing amount of clay and    | 42 - 47.5 | boulders.....                    | 1 - 24    |
| Compact, fine sand and silt.....  | 33 - 80   | hardpan.....                     | at 47.5   | Medium to coarse sand, sharp     |           |
| Refusal.....                      | at 80     | Refusal.....                     |           | gravel, some clay, gray.....     | 24 - 43   |
| <b>PEMBROKE W319.</b>             |           | <b>PEMBROKE W338.</b>            |           | Hard clay, sharp gravel, gray... | 43 - 49.5 |
| Fine sand, some gravel.....       | 0 - 55    | Fine sand, broken stone, and     | 0 - 21    | Refusal.....                     | at 49.5   |
| Fine sand and gravel.....         | 55 - 65   | clay.....                        |           | <b>ROCKLAND W17.</b>             |           |
| Compact, fine sand, gravel, and   |           | Fine sand, clay.....             | 21 - 80.5 | Sandy clay.....                  | 0 - 8     |
| silt.....                         | 65 - 71   | Refusal.....                     | at 80.5   | Sand, gravel, boulders.....      | 8 - 15.5  |
| Refusal.....                      | at 71     | <b>PEMBROKE W340.</b>            |           | Sand, gravel, some clay.....     | 15.5 - 29 |
| <b>PEMBROKE W321.</b>             |           | Peat, topsoil, clay, and sand... | 0 - 26    | Hardpan, boulders.....           | 29 - 38.5 |
| Fine sand, some coarse sand and   |           | Clay.....                        | 26 - 48   | Refusal.....                     | at 38.5   |
| gravel, brown.....                | 0 - 18    | Clay with sand and silt, some    |           | <b>ROCKLAND W22.</b>             |           |
| Fine sand, some coarse sand       |           | pebbles and broken stone at      | 48 - 57.2 | Sand, gravel, boulders.....      | 0 - 14    |
| and gravel.....                   | 18 - 23   | 57 feet.....                     | at 57.2   | Fine to medium sand, clay,       |           |
| Fine and coarse sand, trace of    |           | Refusal.....                     |           | yellow.....                      | 14 - 29   |
| gravel.....                       | 23 - 38   | <b>PEMBROKE X2.</b>              |           | Sand, sharp gravel, boulders,    |           |
| Fine sand, trace of clay.....     | 38 - 43   | Soft, sandy loam.....            | 0 - .5    | clay.....                        | 29 - 36.7 |
| Fine and coarse sand, some clay,  |           | Medium sand, yellow.....         | .5 - 5    | Refusal.....                     | at 36.7   |
| trace of gravel.....              | 43 - 55   | Medium sand and gravel, yellow.. | 5 - 8     |                                  |           |
| Refusal.....                      | at 55     | Loose, coarse sand and gravel... | 8 - 20    | <b>ROCKLAND W27.</b>             |           |
| <b>PEMBROKE W322.</b>             |           | Loose sand, gravel.....          | 20 - 35   | Loam, peat.....                  | 0 - 1     |
| Fine sand, some coarse sand and   |           | Coarse sand, gravel, boulders... | 35 - 42   | Sand, sharp gravel, boulders,    |           |
| gravel, brown.....                | 0 - 18    | <b>PEMBROKE X8.</b>              |           | some clay.....                   | 1 - 26    |
| Fine sand, some coarse sand,      |           | Soft, peaty silt.....            | 0 - 11    | Sand, sharp gravel.....          | 26 - 31   |
| brown.....                        | 18 - 28   | Very loose, medium sand.....     | 11 - 21   | Sand, gravel, clay.....          | 31 - 49   |
| Fine sand, brown.....             | 28 - 38   | Fine to medium sand, gray.....   | 21 - 30   | Hard clay, sharp gravel, yellow. | 49 - 57   |
| Very fine sand, brown.....        | 38 - 48   | Medium sand, gravel, occasional  |           | Refusal.....                     | at 57     |
| Very fine sand, brown, some       |           | boulders.....                    | 30 - 34   |                                  |           |
| clay.....                         | 48 - 69.5 |                                  |           |                                  |           |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                             |            | Depth                            |             | Depth                           |             |
|-----------------------------------|------------|----------------------------------|-------------|---------------------------------|-------------|
| <b>ROCKLAND W33.</b>              |            | <b>ROCKLAND W73.</b>             |             | <b>SCITUATE B1.</b>             |             |
| Loam, sand, boulders.....         | 0 - 3      | Loam, sand.....                  | 0 - 2       | Silt, sand, shells.....         | 0 - 3.4     |
| Sand, gravel, boulders, some      |            | Hard-packed sand, gravel.....    | 2 - 12      | Sharp sand, some gravel.....    | 3.4 - 12.5  |
| clay.....                         | 3 - 23.3   | Hardpan.....                     | 12 - 24     | Coarse sand, gravel, gray.....  | 12.5 - 30   |
| Hard-packed sand, clay, boulders. | 23.3 - 34  | Refusal.....                     | at 24       | Hard sand, some gravel, clay,   |             |
| Refusal.....                      | at 34      |                                  |             | yellow.....                     | 30 - 45     |
| <b>ROCKLAND W34.</b>              |            | <b>ROCKLAND W77.</b>             |             | <b>SCITUATE B2.</b>             |             |
| Loam, sand.....                   | 0 - 1.5    | Coarse gravel.....               | 0 - 13      | Mud.....                        | 0 - 6.6     |
| Sand, gravel, clay, boulders..... | 1.5 - 22   | Sand.....                        | 13 - 48     | Sand, some gravel.....          | 6.6 - 20.2  |
| Hard-packed sand, clay.....       | 22 - 33    | Gravel, gray.....                | 48 - 51     | Very compact sand, gravel,      |             |
| Sand, clay, some fine gravel..... | 33 - 46    | No record of material, hole      |             | rocks, trace of clay.....       | 20.2 - 29.4 |
| Hard clay, sharp gravel, yellow.. | 46 - 49.3  | drove easily.....                | 51 - 53     | Refusal.....                    | at 29.4     |
| Refusal.....                      | at 49.3    | Sandy material, light gray,      |             |                                 |             |
|                                   |            | hard driving.....                | 53 - 73     | <b>SCITUATE B3.</b>             |             |
| <b>ROCKLAND W35.</b>              |            | White stone (pieces of quartz).. | at 73       | Mud, sand.....                  | 0 - 3.5     |
| Loam, sand.....                   | 0 - 2.5    | Stone, light gray (bedrock)..... | 73 - 97     | Compact sand, gravel, clay..... | 3.5 - 11.7  |
| Sand, gravel.....                 | 2.5 - 21   | Stone, a bit softer than above   |             | Very compact sand, gravel,      |             |
| Fine sand, clay, sharp gravel,    |            | unit.....                        | 97 - 100    | clay, rocks.....                | 11.7 - 20.2 |
| boulders.....                     | 21 - 34    | Very difficult driving, brown    |             |                                 |             |
| Refusal.....                      | at 34      | at 110 feet, light gray, fine    |             |                                 |             |
|                                   |            | cuttings below 110 feet.....     | 100 - 126   | <b>SCITUATE B4.</b>             |             |
| <b>ROCKLAND W36.</b>              |            | <b>ROCKLAND W78.</b>             |             | Compact sand and gravel.....    | 0 - 20      |
| Loam.....                         | 0 - 1      | Sand, silt, brown.....           | 0 - 3       | Sand with gravel.....           | 20 - 38     |
| Fine sand, clay, gray.....        | 1 - 7      | Silt, fine sand, brown.....      | 3 - 13      | Compact sand and gravel.....    | 38 - 48     |
| Medium to coarse sand, sharp      |            | Fine to medium sand, brown.....  | 13 - 16     | <b>SCITUATE B5.</b>             |             |
| gravel, some clay.....            | 7 - 35     | Silt, fine sand, gray.....       | 16 - 25     | Sand, gravel, trace of silt,    |             |
| Medium sand, sharp gravel, some   |            | Medium to coarse sand and        |             | cobbles, gray-brown.....        | 0 - 3       |
| clay.....                         | 35 - 43.5  | gravel.....                      | 25 - 29     | Sand, trace of silt, brown..... | 3 - 8       |
| Fine sand, clay, boulders,        |            | Silt, clay, gray.....            | 29 - 32     | Sand, trace of fine gravel,     |             |
| yellow.....                       | 43.5 - 49  | Fine to medium sand.....         | 32 - 34     | silt, dark brown.....           | 8 - 9.6     |
| Refusal.....                      | at 49      | Medium to coarse sand, some      |             | Fine sand, trace of silt,       |             |
|                                   |            | gravel, some silt.....           | 34 - 39     | light brown.....                | 9.6 - 12    |
| <b>ROCKLAND W38.</b>              |            | Medium to coarse sand.....       | 39 - 42     | Fine sand, trace of clay, light |             |
| Sand, clay, boulders.....         | 0 - 9      | Fine to medium sand.....         | 42 - 44.5   | brown.....                      | 12 - 14     |
| Medium sand, some clay.....       | 9 - 27     | Fine sand, clay.....             | 44.5 - 45.5 | Very dense sand, trace of fine  |             |
| Fine sand, boulders, gray.....    | 27 - 32    |                                  |             | to medium gravel, silt,         |             |
| Medium sand, sharp gravel.....    | 32 - 38    | <b>ROCKLAND W79.</b>             |             | brown.....                      | 14 - 17     |
| Fine sand, clay, sharp gravel,    |            | Loose sand, big stones.....      | 0 - 4       | Very dense, fine to coarse      |             |
| gray.....                         | 38 - 46.3  | Hardpan.....                     | 4 - 5       | sand, some clay, gray.....      | 17 - 26.5   |
| Refusal.....                      | at 46.3    | Sand and coarse gravel.....      | 5 - 31      | <b>SCITUATE W4.</b>             |             |
|                                   |            | Sand and coarse gravel, gray.... | 31 - 33.5   | Mud and clay.....               | 0 - 4       |
| <b>ROCKLAND W41.</b>              |            |                                  |             | Clay.....                       | 4 - 10      |
| Loam, gravel.....                 | 0 - 1.5    | <b>ROCKLAND W84.</b>             |             | Sand and clay.....              | 10 - 20     |
| Sand, gravel, boulders.....       | 1.5 - 19.5 | Sand with gravel, brown.....     | 0 - 40      | Gravel.....                     | 20 - 45     |
| Sand, sharp gravel, clay,         |            | Clay, gray.....                  | 40 - 50     | Sand and gravel.....            | 45 - 47     |
| boulders.....                     | 19.5 - 38  | Clay, black (slate or shale).... | 50 - 110    | Gravel.....                     | 47 - 53     |
| <b>ROCKLAND W42.</b>              |            |                                  |             | Sand and gravel.....            | 53 - 55     |
| Loam.....                         | 0 - 1      | <b>ROCKLAND W87.</b>             |             | Gravel.....                     | 55 - 60     |
| Sand, clay, sharp gravel,         |            | Bouldery material.....           | 0 - 21      | Fine sand.....                  | 60 - 65     |
| boulders.....                     | 1 - 13     | <b>ROCKLAND W92.</b>             |             | <b>SCITUATE W10.</b>            |             |
| Clay, hardpan, boulders.....      | 13 - 17.7  | Clay.....                        | 0 - 50      | Clay and sand.....              | 0 - 42      |
| Refusal.....                      | at 17.7    |                                  |             | Solid clay.....                 | 42 - 53     |
| <b>ROCKLAND W45.</b>              |            | <b>ROCKLAND W94.</b>             |             | Coarse sand and a little clay,  |             |
| Loam.....                         | 0 - 3      | Clay.....                        | 0 - 50      | yellow.....                     | 53 - 80     |
| Hard clay, boulders.....          | 3 - 9      | <b>ROCKLAND W96.</b>             |             | Fine sand and clay, yellow..... | 80 - 101    |
| Coarse sand, gray.....            | 9 - 17     | Gravel.....                      | 0 - 30      | Sand, red.....                  | 101 - 115   |
| Hard-packed sand, gravel,         |            |                                  |             | Hardpan, blue.....              | 115 - 118.9 |
| boulders, clay.....               | 17 - 23    | <b>ROCKLAND W98.</b>             |             | No record.....                  | 118.9 - 139 |
| Refusal.....                      | at 23      | Peat, clay.....                  | 0 - 15      | Bedrock.....                    | 139 - 143   |
| <b>ROCKLAND W48.</b>              |            | Coarse gravel, clay.....         | 15 - 30     | <b>SCITUATE W11.</b>            |             |
| Loam, sand, boulders.....         | 0 - 2      | Fine to coarse gravel.....       | 30 - 40     | Muck.....                       | 0 - 2       |
| Sand, clay, boulders.....         | 2 - 11     | <b>ROCKLAND W103.</b>            |             | Clay and sand.....              | 2 - 54      |
| Sand, sharp gravel.....           | 11 - 18    | Fill of fine to coarse sand,     |             | Sand and coarse gravel.....     | 54 - 70     |
| Hard clay, sand, rock.....        | 18 - 27    | fine to coarse gravel,           |             | Bedrock.....                    | at 70       |
| Refusal.....                      | at 27      | cobbles and boulders.....        | 0 - 10      | <b>SCITUATE W12.</b>            |             |
| <b>ROCKLAND W53.</b>              |            | Silt, fine to coarse gravel,     |             | Muck.....                       | 0 - 2.5     |
| Sand, gravel, boulders.....       | 0 - 11.3   | fine to coarse sand, cobbles,    |             | Sand and clay.....              | 2.5 - 8.5   |
| Coarse sand and gravel, brown.... | 11.3 - 21  | boulders, gray (till).....       | 10 - 20.5   | Coarse gravel.....              | 8.5 - 29.5  |
| Soft shale.....                   | 21 - 32    | Granite, fractured.....          | 20.5 - 30.5 | Boulders and hardpan.....       | at 29.5     |
| Refusal.....                      | at 32      | <b>ROCKLAND W104.</b>            |             | <b>SCITUATE W17.</b>            |             |
| <b>ROCKLAND W57.</b>              |            | Peat and clay, black.....        | 0 - 15      | Muck and peat.....              | 0 - 4       |
| Sand, gravel, boulders.....       | 0 - 16.5   | Coarse gravel, clay.....         | 15 - 30     | Clay and fine sand.....         | 4 - 23      |
| Soft clay, some sand and some     |            | Fine to coarse gravel.....       | 30 - 40     | Fine sand grading down to       |             |
| fine gravel.....                  | 16.5 - 53  | Clay, red.....                   | at 40       | gravel.....                     | 23 - 63     |
| Hard clay, sharp gravel, blue.... | 53 - 58.8  | <b>ROCKLAND W106.</b>            |             | Fine, hard-packed sand and      |             |
| Refusal.....                      | at 58.8    | Hard-packed sharp gravel, gray.. | 0 - 23      | clay.....                       | 63 - 67     |
| <b>ROCKLAND W58.</b>              |            | Hard-packed, fine gravel, brown. | 23 - 25     | Coarse gravel.....              | 67 - 73     |
| Sand, gravel.....                 | 0 - 13     | Boulders.....                    | at 25       | <b>SCITUATE W19.</b>            |             |
| Hard clay, sharp gravel.....      | 13 - 25    | <b>ROCKLAND W109.</b>            |             | Coarse gravel.....              | 0 - 10      |
| Soft clay, fine gravel.....       | 25 - 43.3  | Gravel.....                      | 0 - 19      | Medium gravel.....              | 10 - 46     |
| Hard clay, gray, sharp gravel,    |            | Gravel and sand.....             | 19 - 25     | Fine sand.....                  | 46 - 49     |
| blue.....                         | 43.3 - 48  | Coarse sand, gray.....           | 25 - 26     | Medium gravel.....              | 49 - 51     |
| Refusal.....                      | at 48      | <b>ROCKLAND W12.</b>             |             | Bedrock.....                    | at 51       |
| <b>ROCKLAND W67.</b>              |            | Sandy loam and boulders.....     | 0 - 2       | <b>SCITUATE W21.</b>            |             |
| Loam, gravel.....                 | 0 - 1.5    | Compact sand, gravel, and        |             | Muck.....                       | 0 - 1       |
| Hard-packed sand, clay.....       | 1.5 - 8    | boulders, yellow.....            | 2 - 9       | Mixed stones and clay, very     |             |
| Hardpan, boulders.....            | 8 - 19.5   | Fine sand, gravel, and           |             | stony hardpan, gray.....        | 1 - 8       |
| Sand, clay, sharp gravel.....     | 19.5 - 24  | little clay.....                 | 9 - 15      | Mixed stones and clay, gray,    |             |
| Refusal.....                      | at 24      |                                  |             | less stony than above.....      | 8 - 20      |
|                                   |            |                                  |             | Sand with some clay.....        | 20 - 24     |
|                                   |            |                                  |             | Sand.....                       | 24 - 42     |
|                                   |            |                                  |             | Fine sand and trace of clay.... | 42 - 67     |



Table 2.--Logs of selected wells and borings (Continued)

| Depth                                                         |           | Depth |  | Depth |
|---------------------------------------------------------------|-----------|-------|--|-------|
| <b>SCITUATE W25.</b>                                          |           |       |  |       |
| Muck, peat.....                                               | 0 - 4     |       |  |       |
| Sharp gravel and clay.....                                    | 4 - 24    |       |  |       |
| Hard clay, blue, and stones.....                              | 24 - 28   |       |  |       |
| Boulders, hardpan.....                                        | at 28     |       |  |       |
| <b>SCITUATE W29.</b>                                          |           |       |  |       |
| Muck.....                                                     | 0 - 2     |       |  |       |
| Clay.....                                                     | 2 - 15    |       |  |       |
| Ground up gravel and clay.....                                | 15 - 20   |       |  |       |
| Hardpan.....                                                  | 20 - 22   |       |  |       |
| Gravel, some clay, gray.....                                  | 22 - 40   |       |  |       |
| Sand and gravel, less clay than above.....                    | 40 - 45   |       |  |       |
| Sand, some clay.....                                          | 45 - 50   |       |  |       |
| Sand and gravel.....                                          | 50 - 55   |       |  |       |
| Solid clay.....                                               | 55 - 56   |       |  |       |
| Coarse sand and gravel.....                                   | 56 - 70   |       |  |       |
| Fine sand.....                                                | 70 - 95   |       |  |       |
| Bedrock.....                                                  | at 95     |       |  |       |
| <b>SCITUATE W30.</b>                                          |           |       |  |       |
| Peat.....                                                     | 0 - 15    |       |  |       |
| Clay.....                                                     | 15 - 20   |       |  |       |
| Gravel.....                                                   | 20 - 27.5 |       |  |       |
| <b>SCITUATE W31.</b>                                          |           |       |  |       |
| Fine sand, clay, thin beds of sand and gravel.....            | 0 - 70    |       |  |       |
| Layer of "shale".....                                         | 70 - 71   |       |  |       |
| Fine sand and clay, yellow.....                               | 71 - 74   |       |  |       |
| Bedrock, very hard and brittle, fine grained, light gray..... | 74 - 201  |       |  |       |
| <b>SCITUATE W37.</b>                                          |           |       |  |       |
| Peat and boulders.....                                        | 0 - 2     |       |  |       |
| Hardpan.....                                                  | 2 - 31    |       |  |       |
| Fine sand, sharp gravel, and clay, gray.....                  | 31 - 34   |       |  |       |
| Refusal.....                                                  | at 34     |       |  |       |
| <b>SCITUATE W39.</b>                                          |           |       |  |       |
| Sand, sharp gravel, and boulders.....                         | 0 - 5     |       |  |       |
| Hardpan and boulders.....                                     | 5 - 26    |       |  |       |
| Refusal.....                                                  | at 26     |       |  |       |
| <b>SCITUATE W45.</b>                                          |           |       |  |       |
| Very hard boulders and clay, gravel.....                      | 0 - 12    |       |  |       |
| Gravel, brown.....                                            | 12 - 15   |       |  |       |
| Clay, gravel, gray.....                                       | 15 - 35   |       |  |       |
| Gravel, brown.....                                            | 35 - 43   |       |  |       |
| Clay, brown.....                                              | 43 - 50   |       |  |       |
| Sand and clay.....                                            | 50 - 60   |       |  |       |
| Hardpan.....                                                  | 60 - 65   |       |  |       |
| Bedrock.....                                                  | at 65     |       |  |       |
| <b>SCITUATE W49.</b>                                          |           |       |  |       |
| Log of 8-inch test well at site.                              |           |       |  |       |
| Fill.....                                                     | 0 - 2     |       |  |       |
| Peat.....                                                     | 2 - 5     |       |  |       |
| Sand, clay, gray.....                                         | 5 - 15    |       |  |       |
| Clay, gray.....                                               | 15 - 20   |       |  |       |
| Coarse gravel, yellow.....                                    | 20 - 22   |       |  |       |
| Coarse gravel, clay, gray.....                                | 22 - 32   |       |  |       |
| Fine sand and clay, gray.....                                 | 32 - 51   |       |  |       |
| Hardpan.....                                                  | 51 - 60   |       |  |       |
| Bedrock.....                                                  | 60 - 64   |       |  |       |
| <b>SCITUATE W56.</b>                                          |           |       |  |       |
| Gravel, yellow.....                                           | 0 - 3     |       |  |       |
| Boulders, gravel.....                                         | 3 - 10    |       |  |       |
| Clay, gravel, gray.....                                       | 10 - 43   |       |  |       |
| Bedrock.....                                                  | at 43     |       |  |       |
| <b>SCITUATE W58.</b>                                          |           |       |  |       |
| Peat.....                                                     | 0 - 2     |       |  |       |
| Sand, gravel, boulders.....                                   | 2 - 7     |       |  |       |
| Hard-packed sand, gravel, clay, and boulders.....             | 7 - 26    |       |  |       |
| Medium sand, yellow.....                                      | 26 - 35   |       |  |       |
| Fine sand, yellow, and trace of clay.....                     | 35 - 54   |       |  |       |
| Refusal.....                                                  | at 54     |       |  |       |
| <b>SCITUATE W60.</b>                                          |           |       |  |       |
| Sand, clay, brown.....                                        | 0 - 38    |       |  |       |
| Coarse, very hard-packed gravel.....                          | 38 - 45   |       |  |       |
| Clay, gravel, and boulders.....                               | 45 - 70   |       |  |       |
| Very hard-packed gravel.....                                  | 70 - 82   |       |  |       |
| Hard-packed sand.....                                         | 82 - 88   |       |  |       |
| Bedrock.....                                                  | 88 - 94   |       |  |       |
| <b>SCITUATE W61.</b>                                          |           |       |  |       |
| Hard gravel.....                                              | 0 - 25    |       |  |       |
| Hardpan.....                                                  | 25 - 71   |       |  |       |
| Bedrock.....                                                  | at 71     |       |  |       |
| <b>SCITUATE W62.</b>                                          |           |       |  |       |
| Sand and gravel.....                                          | 0 - 4     |       |  |       |
| Hardpan and boulders.....                                     | 4 - 33    |       |  |       |
| Fine sand, clay, and boulders.....                            | 33 - 38   |       |  |       |
| Refusal.....                                                  | at 38     |       |  |       |
| <b>SCITUATE W64.</b>                                          |           |       |  |       |
| No record.....                                                | 0 - 25    |       |  |       |
| Clay.....                                                     | 25 - 30   |       |  |       |
| Gravel.....                                                   | 30 - 40   |       |  |       |
| <b>SCITUATE W65.</b>                                          |           |       |  |       |
| Peat and clay.....                                            | 0 - 15    |       |  |       |
| Coarse gravel.....                                            | 15 - 25   |       |  |       |
| Medium gravel.....                                            | 25 - 35   |       |  |       |
| Medium gravel, sand.....                                      | 35 - 40   |       |  |       |
| Medium gravel.....                                            | 40 - 50   |       |  |       |
| Sandy hardpan.....                                            | 50 - 80   |       |  |       |
| Soft clay.....                                                | 80 - 87   |       |  |       |
| Hardpan.....                                                  | 87 - 96   |       |  |       |
| Marine clay.....                                              | 96 - 106  |       |  |       |
| Sandy clay.....                                               | 106 - 136 |       |  |       |
| Till, white (hardpan).....                                    | 136 - 148 |       |  |       |
| Hardpan.....                                                  | 148 - 173 |       |  |       |
| Bedrock.....                                                  | at 173    |       |  |       |
| <b>SCITUATE W66.</b>                                          |           |       |  |       |
| Scattered gravel, clay, brown... ..                           | 0 - 20    |       |  |       |
| Hard-packed clay, brown, scattered gravel.....                | 20 - 30   |       |  |       |
| Fine sand, scattered layers of clay, brown.....               | 30 - 80   |       |  |       |
| Sharp sand, gravel, clay, brown.....                          | 80 - 85   |       |  |       |
| Bedrock.....                                                  | at 85     |       |  |       |
| <b>SCITUATE W69.</b>                                          |           |       |  |       |
| Sand, gravel, clay, gray.....                                 | 0 - 12    |       |  |       |
| Hardpan.....                                                  | 12 - 27   |       |  |       |
| Fine sand, clay, brown.....                                   | 27 - 50   |       |  |       |
| Trace of gravel.....                                          | 50 - 51   |       |  |       |
| Fine sand, brown.....                                         | 51 - 79   |       |  |       |
| Bedrock.....                                                  | at 79     |       |  |       |
| <b>SCITUATE W73.</b>                                          |           |       |  |       |
| Dirt and boulders.....                                        | 0 - 10    |       |  |       |
| Clay, gray.....                                               | 10 - 34   |       |  |       |
| Hardpan and gravel.....                                       | 34 - 42   |       |  |       |
| Bedrock.....                                                  | at 42     |       |  |       |
| <b>SCITUATE W76.</b>                                          |           |       |  |       |
| Gravel and boulders.....                                      | 0 - 20    |       |  |       |
| Hardpan.....                                                  | 20 - 58   |       |  |       |
| Bedrock.....                                                  | at 58     |       |  |       |
| <b>SCITUATE W81.</b>                                          |           |       |  |       |
| Medium sand.....                                              | 0 - 10    |       |  |       |
| Fine sand.....                                                | 10 - 20   |       |  |       |
| Sandy clay.....                                               | 20 - 25   |       |  |       |
| Coarse gravel.....                                            | 25 - 40   |       |  |       |
| Hardpan.....                                                  | 40 - 43   |       |  |       |
| <b>SCITUATE W84.</b>                                          |           |       |  |       |
| Very hard-packed gravel, boulders.....                        | 0 - 15    |       |  |       |
| Gravel.....                                                   | 15 - 25   |       |  |       |
| Clay, sand, gray.....                                         | 25 - 40   |       |  |       |
| Hardpan.....                                                  | 40 - 63   |       |  |       |
| Bedrock.....                                                  | 63 - 66   |       |  |       |
| <b>SCITUATE W92.</b>                                          |           |       |  |       |
| Log of 8-inch well at site.                                   |           |       |  |       |
| Gravel fill.....                                              | 0 - 2     |       |  |       |
| Peat.....                                                     | 2 - 8     |       |  |       |
| Clay, gravel.....                                             | 8 - 18    |       |  |       |
| Gravel, gray.....                                             | 18 - 20   |       |  |       |
| Coarse gravel, brown.....                                     | 20 - 33   |       |  |       |
| Coarse, tight sand.....                                       | 33 - 35   |       |  |       |
| Sand and clay, gray.....                                      | 35 - 56   |       |  |       |
| Bedrock.....                                                  | at 56     |       |  |       |
| <b>SCITUATE W98.</b>                                          |           |       |  |       |
| Peat, black.....                                              | 0 - 5     |       |  |       |
| Coarse gravel and boulders.....                               | 5 - 18    |       |  |       |
| Hardpan.....                                                  | 18 - 45   |       |  |       |
| Coarse gravel, brown.....                                     | 45 - 60   |       |  |       |
| Gravel, brown.....                                            | 60 - 75   |       |  |       |
| Coarse sand, brown.....                                       | 75 - 81   |       |  |       |
| Medium to coarse gravel.....                                  | 81 - 90   |       |  |       |
| Bedrock.....                                                  | at 90     |       |  |       |
| <b>SCITUATE W100.</b>                                         |           |       |  |       |
| Hardpan.....                                                  | 0 - 40    |       |  |       |
| Sandy hardpan.....                                            | 40 - 56   |       |  |       |
| Sand.....                                                     | 56 - 73   |       |  |       |
| Dense hardpan.....                                            | 73 - 85   |       |  |       |
| Bedrock.....                                                  | 85 - 86   |       |  |       |
| <b>SCITUATE W119.</b>                                         |           |       |  |       |
| Fine sand and boulders.....                                   | 0 - 10    |       |  |       |
| Medium gravel.....                                            | 10 - 18   |       |  |       |
| Hardpan.....                                                  | 18 - 28   |       |  |       |
| Medium gravel.....                                            | 28 - 30   |       |  |       |
| Medium to coarse, sharp gravel and clay.....                  | 30 - 41   |       |  |       |
| Refusal.....                                                  | at 41     |       |  |       |
| <b>SCITUATE W120.</b>                                         |           |       |  |       |
| Fill.....                                                     | 0 - 3     |       |  |       |
| Peat, brown.....                                              | 3 - 8     |       |  |       |
| Coarse, tight gravel.....                                     | 8 - 15    |       |  |       |
| Clay and sand, gray.....                                      | 15 - 30   |       |  |       |
| Fine sand and clay.....                                       | 30 - 45   |       |  |       |
| Hardpan.....                                                  | 45 - 58   |       |  |       |
| Bedrock.....                                                  | 58 - 61   |       |  |       |
| <b>SCITUATE W127.</b>                                         |           |       |  |       |
| Fill.....                                                     | 0 - 3     |       |  |       |
| Peat.....                                                     | 3 - 6     |       |  |       |
| Hardpan and gravel, gray.....                                 | 6 - 40    |       |  |       |
| Clay, gray.....                                               | 40 - 43   |       |  |       |
| Bedrock.....                                                  | at 43     |       |  |       |
| <b>SCITUATE W130.</b>                                         |           |       |  |       |
| Gravel, boulders.....                                         | 0 - 15    |       |  |       |
| Clay, boulders, gray.....                                     | 15 - 55   |       |  |       |
| Gravel.....                                                   | 55 - 58   |       |  |       |
| Sand and clay, brown.....                                     | 58 - 73   |       |  |       |
| Bedrock.....                                                  | 73 - 76   |       |  |       |
| <b>SCITUATE W133.</b>                                         |           |       |  |       |
| Boulders and hardpan.....                                     | 0 - 25    |       |  |       |
| Dirty sand, brown.....                                        | 25 - 30   |       |  |       |
| Hardpan, gray.....                                            | 30 - 68   |       |  |       |
| Bedrock.....                                                  | 68 - 71   |       |  |       |
| <b>SCITUATE W140.</b>                                         |           |       |  |       |
| Clay, gray.....                                               | 0 - 10    |       |  |       |
| Gravel and clay, gray.....                                    | 10 - 25   |       |  |       |
| Clay and gravel, brown.....                                   | 25 - 30   |       |  |       |
| Clay, yellow.....                                             | 30 - 50   |       |  |       |
| Sand, brown.....                                              | 50 - 53   |       |  |       |
| Fine sand and clay.....                                       | 53 - 60   |       |  |       |
| Hardpan, yellow.....                                          | 60 - 101  |       |  |       |
| Broken rock and clay.....                                     | 101 - 111 |       |  |       |
| Bedrock.....                                                  | 111 - 114 |       |  |       |
| <b>SCITUATE W144.</b>                                         |           |       |  |       |
| Peat.....                                                     | 0 - 1     |       |  |       |
| Fine sand, clay, and gravel.....                              | 1 - 6     |       |  |       |
| Sand and gravel.....                                          | 6 - 25    |       |  |       |
| Hard-packed sand and gravel.....                              | 25 - 33   |       |  |       |
| Refusal.....                                                  | at 33     |       |  |       |
| <b>SCITUATE W145.</b>                                         |           |       |  |       |
| Sand, gravel, and clay.....                                   | 0 - 8     |       |  |       |
| Sand and gravel.....                                          | 8 - 21    |       |  |       |
| Coarse sand.....                                              | 21 - 23   |       |  |       |
| Sharp gravel and clay, gray.....                              | 23 - 25   |       |  |       |
| Fine to medium sand, gravel.....                              | 25 - 35   |       |  |       |
| Hard-packed sand, gravel, and clay.....                       | 35 - 44   |       |  |       |
| Refusal.....                                                  | at 44     |       |  |       |
| <b>SCITUATE W150.</b>                                         |           |       |  |       |
| Hard-packed sand, gravel, and boulders.....                   | 0 - 9     |       |  |       |
| Sand and gravel.....                                          | 9 - 28    |       |  |       |
| Medium sand and sharp gravel.....                             | 28 - 34   |       |  |       |
| Hardpan.....                                                  | 34 - 36   |       |  |       |
| Refusal.....                                                  | at 36     |       |  |       |
| <b>SCITUATE W152.</b>                                         |           |       |  |       |
| Fine sand, brown.....                                         | 0 - 15    |       |  |       |
| Clay and hardpan, blue.....                                   | 15 - 65   |       |  |       |
| Fine sand, brown.....                                         | 65 - 67   |       |  |       |
| Hardpan, brown.....                                           | 67 - 71   |       |  |       |
| Bedrock.....                                                  | at 71     |       |  |       |
| <b>SCITUATE W153.</b>                                         |           |       |  |       |
| Coarse sand.....                                              | 0 - 12    |       |  |       |
| Hardpan and boulders.....                                     | 12 - 19   |       |  |       |
| Bedrock.....                                                  | at 19     |       |  |       |
| <b>SCITUATE W154.</b>                                         |           |       |  |       |
| Coarse gravel.....                                            | 0 - 25    |       |  |       |
| Hardpan.....                                                  | 25 - 37   |       |  |       |
| Bedrock.....                                                  | at 37     |       |  |       |
| <b>SCITUATE W155.</b>                                         |           |       |  |       |
| Very fine sand.....                                           | 0 - 35    |       |  |       |
| Hardpan.....                                                  | 35 - 40   |       |  |       |
| Coarse sand.....                                              | 40 - 55   |       |  |       |
| Hardpan.....                                                  | 55 - 60   |       |  |       |
| Bedrock.....                                                  | at 60     |       |  |       |

Table 2.--Logs of selected wells and borings (Continued)

| Depth                             |         |        | Depth                                    |         |        | Depth                            |       |        |
|-----------------------------------|---------|--------|------------------------------------------|---------|--------|----------------------------------|-------|--------|
| SCITUATE W158.                    |         |        | SCITUATE W172.                           |         |        | WEYMOUTH W127.                   |       |        |
| Hardpan, stones.....              | 0       | - 10   | Topsoil.....                             | 0       | - 10   | Fine to coarse gravel, organic   |       |        |
| Clay, some sand.....              | 10      | - 20   | Gravel.....                              | 10      | - 20   | silt, some fine to coarse        |       |        |
| Clay, stones.....                 | 20      | - 30   | Bedrock.....                             | 20      | - 24   | sand, boulders, cobbles, brown   | 0     | - 14   |
| Dirty, coarse gravel.....         | 30      | - 35   |                                          |         |        | Silt, fine to coarse gravel,     |       |        |
| Sand, gravel.....                 | 35      | - 40.5 | SCITUATE W177.                           |         |        | trace of fine to coarse          |       |        |
|                                   |         |        | Topsoil.....                             | 0       | - 5    | sand, gray.....                  | 14    | - 16   |
| SCITUATE W159.                    |         |        | Gravel.....                              | 5       | - 30   | Fine to coarse gravel, some      |       |        |
| Loam.....                         | 0       | - 1    | Clay, sand, gravel.....                  | 30      | - 54   | fine to coarse sand, trace       |       |        |
| Firm clay, yellow.....            | 1       | - 9    | Bedrock.....                             | at 54   |        | of silt, brown.....              | 16    | - 20   |
| Firm clay, gray.....              | 9       | - 29   |                                          |         |        | Silt, fine to coarse gravel,     |       |        |
| Fine sand, gravel, gray.....      | 29      | - 41.5 | SCITUATE W179.                           |         |        | fine to coarse sand, gray.....   | 20    | - 24   |
| Refusal.....                      | at 41.5 |        | Clay, yellow.....                        | 0       | - 25   | Very compact, coarse sand, fine  |       |        |
|                                   |         |        | Gravel.....                              | 25      | - 26   | to coarse gravel, trace of       |       |        |
| SCITUATE W160.                    |         |        | Clay, yellow.....                        | 26      | - 38   | silt, boulders, cobbles (till).  | 24    | - 35   |
| Loam.....                         | 0       | - 1    | Gravel.....                              | 38      | - 39   | Cobbles.....                     | 35    | - 36.5 |
| Sand, sharp gravel.....           | 1       | - 9    | Clay, yellow.....                        | 39      | - 70   | Broken, fractured granite, pink. | 36.5  | - 47   |
| Firm clay, gray.....              | 9       | - 44   | Silt.....                                | at 70   |        |                                  |       |        |
| Fine sand, sharp gravel, trace    |         |        |                                          |         |        | WEYMOUTH W128.                   |       |        |
| of clay, gray.....                | 44      | - 60   | SCITUATE W180.                           |         |        | Fine to coarse gravel, fine to   |       |        |
| Hardpan.....                      | 60      | - 61   | Fine sand.....                           | 0       | - 10   | coarse sand, silt trace, clay.   | 0     | - 30   |
| Refusal.....                      | at 61   |        | Fine sand and clay.....                  | 10      | - 20   |                                  |       |        |
|                                   |         |        | Hardpan and boulders.....                | 20      | - 57   | WEYMOUTH W130.                   |       |        |
| SCITUATE W161.                    |         |        | Bedrock.....                             | at 57   |        | Gravel, loam.....                | 0     | - .5   |
| Loam, clay.....                   | 0       | - 1    |                                          |         |        | Compact sand, gravel, silt       |       |        |
| Sand, gravel, boulders.....       | 1       | - 7    | SCITUATE W181.                           |         |        | (till fill).....                 | .5    | - 5    |
| Firm clay, boulders, gray.....    | 7       | - 30   | Fine sand and clay.....                  | 0       | - 30   | Very compact sand, gravel,       |       |        |
| Hardpan.....                      | 30      | - 34   | Boulders.....                            | at 30   |        | silt (glacial till).....         | 5     | - 43.6 |
| Refusal.....                      | at 34   |        |                                          |         |        | Granite, pink.....               | 43.6  | - 53.6 |
| SCITUATE W162.                    |         |        | SCITUATE W184.                           |         |        |                                  |       |        |
| Clay, boulders.....               | 0       | - 4    | Fine sand and clay.....                  | 0       | - 20   | WEYMOUTH W132.                   |       |        |
| Hardpan.....                      | 4       | - 29   | Fine gravel and clay.....                | 20      | - 25   | Topsoil, rocks.....              | 0     | - 3    |
| Firm clay, boulders, gray.....    | 29      | - 35   | Coarse sand.....                         | 25      | - 30   | Boulders, gravel.....            | 3     | - 12   |
| Hardpan.....                      | 35      | - 39   | Coarse sand and clay.....                | 30      | - 35   | Fine sand, rocks, clay.....      | 12    | - 21   |
| Refusal.....                      | at 39   |        | Fine sand and clay.....                  | 35      | - 40   | Refusal.....                     | at 21 |        |
|                                   |         |        | Dirty, fine sand.....                    | 40      | - 54   |                                  |       |        |
| SCITUATE W164.                    |         |        | Bedrock.....                             | at 54   |        | WEYMOUTH X1.                     |       |        |
| Fine sand.....                    | 0       | - 14   | WEYMOUTH W42.                            |         |        | Peat, brown.....                 | 0     | - 13   |
| Clay, yellow.....                 | 14      | - 22   | Fine sand, gravel, brown.....            | 0       | - 15.8 | Gravelly sand, gray.....         | 13    | - 18   |
| SCITUATE W165.                    |         |        | Medium sand, brown.....                  | 15.8    | - 21   | WEYMOUTH X3.                     |       |        |
| Clay, sand.....                   | 0       | - 10   | Sand, some gravel.....                   | 21      | - 31   | Peat, brown.....                 | 0     | - 7    |
| Clay, fine sand.....              | 10      | - 23   | Sand, gravel, trace of clay.....         | 31      | - 37   | Clay and gravelly sand.....      | 7     | - 12.5 |
| Clay, sand.....                   | 23      | - 32   | Sharp gravel, sand, some clay....        | 37      | - 41   |                                  |       |        |
| Clay, coarse sand.....            | 32      | - 36   | WEYMOUTH W43.                            |         |        | WEYMOUTH X4.                     |       |        |
| Clay, gravel.....                 | 36      | - 41   | Sharp gravel, sand.....                  | 0       | - 16   | Peat, brown.....                 | 0     | - 7    |
| Fine sand, some gravel.....       | 41      | - 46   | Medium sand.....                         | 16      | - 21   | Organic silt, gray.....          | 7     | - 10.5 |
| Fine sand, red.....               | 46      | - 50   | Fine sand, clay.....                     | 21      | - 32   | Peat, brown.....                 | 10.5  | - 21.5 |
| Medium sand, red.....             | 50      | - 55   | Fine sand, clay, some gravel.....        | 32      | - 36.5 | Gravelly sand, gray.....         | 21.5  | - 25   |
| Fine sand, white.....             | 55      | - 87   |                                          |         |        | Sandy gravel, gray.....          | 25    | - 26.5 |
| Coarse sand, gravel.....          | 87      | - 88.5 | WEYMOUTH W46.                            |         |        | Gravelly sand, brown.....        | 26.5  | - 27.5 |
| Bedrock (?).....                  | at 88.5 |        | Sharp gravel, sand.....                  | 0       | - 14   | WEYMOUTH X6.                     |       |        |
| SCITUATE W166.                    |         |        | Sand, gravel, gray.....                  | 14      | - 25   | Peat, brown.....                 | 0     | - 6.5  |
| Sand, clay.....                   | 0       | - 15   | Sand, sharp gravel, clay, brown.....     | 25      | - 30.5 | Soft clay, blue.....             | 6.5   | - 13   |
| Fine sand, clay.....              | 15      | - 30   |                                          |         |        | Clayey gravelly sand, gray.....  | 13    | - 17   |
| Clay, fine sand.....              | 30      | - 45   | WEYMOUTH W47.                            |         |        | Clayey gravelly sand, brown..... | 17    | - 21   |
| Fine sand, red.....               | 45      | - 55   | Mud.....                                 | 0       | - 3    |                                  |       |        |
| Fine sand, white.....             | 55      | - 75   | Fine sand, gray.....                     | 3       | - 15   | WEYMOUTH X9.                     |       |        |
| Fine silt, sand.....              | 75      | - 80   | Sand, gravel, gray.....                  | 15      | - 26   | No record.....                   | 0     | - 7.3  |
| Fine sand, white.....             | 80      | - 85   | Sharp gravel, sand, clay, gray.....      | 26      | - 27.5 | Loose, silty sand, tan.....      | 7.3   | - 11.5 |
| Fine sand, coarse at bottom,      |         |        |                                          |         |        | Loose, silty sand, gray.....     | 11.5  | - 19   |
| yellow.....                       | 85      | - 88   | WEYMOUTH W49.                            |         |        | Firm, fine, silty sand, gray.... | 19    | - 24.5 |
| Boulders and clay.....            | at 88   |        | Fine sand, some gravel, gray....         | 0       | - 26   |                                  |       |        |
|                                   |         |        | Fine sand, clay, sharp gravel....        | 26      | - 32.5 | WEYMOUTH X11.                    |       |        |
| SCITUATE W169.                    |         |        |                                          |         |        | Loam and sand.....               | 0     | - 1    |
| Clay, gravel.....                 | 0       | - 11   | WEYMOUTH W50.                            |         |        | Medium sand and gravel, yellow.. | 1     | - 25   |
| Coarse gravel.....                | 11      | - 13   | Peat.....                                | 0       | - 2    |                                  |       |        |
| Clay, gravel.....                 | 13      | - 16   | Gravel and sand.....                     | 2       | - 6    | WEYMOUTH X12.                    |       |        |
| No record.....                    | 16      | - 20   | Fine, silty sand.....                    | 6       | - 48.6 | Medium sand, yellow.....         | 0     | - 7    |
| Clay, gravel.....                 | 20      | - 27   | Refusal.....                             | at 48.6 |        | Medium sand, gray.....           | 7     | - 14.5 |
| Boulders, clay, gravel.....       | 27      | - 30   |                                          |         |        | Medium sand, yellow.....         | 14.5  | - 20.5 |
| Cemented sand.....                | 30      | - 33   | WEYMOUTH W52.                            |         |        | Fine sand and gravel, yellow.... | 20.5  | - 25   |
| Stone, clay, gravel.....          | 33      | - 49   | Peat.....                                | 0       | - 4    |                                  |       |        |
| Fine sand.....                    | 49      | - 50   | Fine, silty sand.....                    | 4       | - 31   | WEYMOUTH X14.                    |       |        |
| Fine sand, white.....             | 50      | - 55   | Sand and gravel.....                     | 31      | - 33.3 | Sandy loam, dark brown.....      | 0     | - 1    |
| Fine sand, white, some red sand.. | 55      | - 60   |                                          |         |        | Medium to fine sand, some        |       |        |
| Fine sand, white.....             | 60      | - 70   | WEYMOUTH W73.                            |         |        | medium to fine gravel, trace     |       |        |
| Fine sand.....                    | 70      | - 75   | Peat.....                                | 0       | - 10   | of silt, gray-brown.....         | 1     | - 3    |
| Sand, gravel.....                 | 75      | - 77   | Medium to coarse sand and gravel, brown  | 10      | - 35   | Fine to coarse sand, some fine   |       |        |
| Refusal on boulder.....           | at 77   |        |                                          |         |        | to coarse gravel, little         |       |        |
|                                   |         |        | WEYMOUTH W75.                            |         |        | silt, light brown.....           | 3     | - 8    |
| SCITUATE W170.                    |         |        | Peat.....                                | 0       | - 10   | Till: fine to coarse sand,       |       |        |
| Tough clay, gravel, stones.....   | 0       | - 15   | Sand with clay, gray and brown..         | 10      | - 23.5 | some fine gravel, little         |       |        |
| Fine sand, gravel, clay.....      | 15      | - 20   | Refusal.....                             | at 23.5 |        | silt, light brown.....           | 8     | - 23.7 |
| Sand, gravel, some clay.....      | 20      | - 30   |                                          |         |        |                                  |       |        |
| Clay, gravel.....                 | 30      | - 35   | WEYMOUTH W122.                           |         |        | WEYMOUTH X15.                    |       |        |
| Clay, blue, stones.....           | 35      | - 40   | Sand and coarse gravel.....              | 0       | - 6.5  | Concrete.....                    | 0     | - .5   |
| Clay, sand, blue.....             | 40      | - 46   | Sand and gravel.....                     | 6.5     | - 12   | Very hard sand, gravel, stones.. | .5    | - 6    |
| Refusal on boulder.....           | at 46   |        | Fine sand and gravel.....                | 12      | - 17   | Firm, medium sand, trace of      |       |        |
|                                   |         |        | Fine sand and clay.....                  | 17      | - 24   | fine gravel.....                 | 6     | - 10   |
| SCITUATE W171.                    |         |        | Coarse gravel.....                       | 24      | - 30   | Firm, fine sand.....             | 10    | - 14   |
| Sand, gravel.....                 | 0       | - 3    | Fine sand, clay.....                     | 30      | - 41   | Loose silt, trace of fine sand.. | 14    | - 22   |
| Clay, yellow.....                 | 3       | - 10   | Coarse gravel, clay.....                 | 41      | - 45   | Firm, medium sand, gravel,       |       |        |
| Clay, blue.....                   | 10      | - 20   |                                          |         |        | stones.....                      | 22    | - 28.5 |
| Clay, yellow.....                 | 20      | - 25   | WEYMOUTH W125.                           |         |        |                                  |       |        |
| Clay, blue, stones.....           | 25      | - 30   | Fine to coarse sand and gravel fill..    | 0       | - 4    | WEYMOUTH X21.                    |       |        |
| Clay, fine sand, yellow.....      | 30      | - 40   | Fine sand, trace of coarse sand          |         |        | Soft, loamy peat.....            | 0     | - 19   |
| Fine sand, some clay.....         | 40      | - 50   | and silt, light brown.....               | 4       | - 19   | Loose, dirty sand and gravel.... | 19    | - 32   |
| Clay, yellow.....                 | 50      | - 68   | Fine to coarse sand, some fine to coarse |         |        | Firm, coarse sand, gravel,       |       |        |
| Refusal on boulder.....           | at 68   |        | gravel, trace of silt, brown..           | 19      | - 30   | boulders.....                    | 32    | - 42   |
|                                   |         |        | Granite.....                             | 30      | - 32   | Refusal.....                     | at 42 |        |

TABLE 3. CHEMICAL ANALYSES OF GROUND WATER

SOURCE OF DATA: 1, U.S. GEOLOGICAL SURVEY; 2, U.S. PUBLIC HEALTH SERVICE; 3, STATE HEALTH DEPARTMENT;  
4, STATE (OTHER THAN HEALTH DEPARTMENT); 5, INDUSTRIAL; 6, PRIVATE; 7, EDUCATIONAL; AND 8, OTHER.

| LOCAL<br>WELL<br>NUMBER | DATE<br>OF<br>SAMPLE | TEM-<br>PERA-<br>TURE<br>(C) | SILICA<br>(SiO <sub>2</sub> )<br>(MG/L) | IRON<br>(FE)<br>(UG/L) | MANGANESE<br>(MN)<br>(UG/L) | CALCIUM<br>(CA)<br>(MG/L) | MAGNESIUM<br>(MG)<br>(MG/L) | SODIUM<br>(NA)<br>(MG/L) | POTASSIUM<br>(K)<br>(MG/L) | BICARBONATE<br>(HCO <sub>3</sub> )<br>(MG/L) | CARBONATE<br>(CO <sub>3</sub> )<br>(MG/L) | SULFATE<br>(SO <sub>4</sub> )<br>(MG/L) | CHLORIDE<br>(CL)<br>(MG/L) | FLUORIDE<br>(F)<br>(MG/L) | NITRATE<br>(NO <sub>3</sub> )<br>(MG/L) | DISSOLVED<br>SOLIDS<br>(CALC)<br>180 C | DISSOLVED<br>SOLIDS<br>(RESIDUE AT<br>180 C)<br>(MG/L) | HARDNESS<br>(CA, MG)<br>(MG/L) | NON-CARBONATE<br>HARDNESS<br>(MG/L) | ALKALINITY<br>AS<br>CaCO <sub>3</sub><br>(MG/L) | SPECIFIC<br>CONDUCTANCE<br>(MICRO-<br>MHOS) | PH  | COLOR | SOURCE<br>OF<br>DATA |
|-------------------------|----------------------|------------------------------|-----------------------------------------|------------------------|-----------------------------|---------------------------|-----------------------------|--------------------------|----------------------------|----------------------------------------------|-------------------------------------------|-----------------------------------------|----------------------------|---------------------------|-----------------------------------------|----------------------------------------|--------------------------------------------------------|--------------------------------|-------------------------------------|-------------------------------------------------|---------------------------------------------|-----|-------|----------------------|
| ABINGTON                |                      |                              |                                         |                        |                             |                           |                             |                          |                            |                                              |                                           |                                         |                            |                           |                                         |                                        |                                                        |                                |                                     |                                                 |                                             |     |       |                      |
| W 58                    | 08-17-59             | --                           | --                                      | 250                    | 130                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 17                         | --                        | .4                                      | --                                     | --                                                     | 50                             | --                                  | 29                                              | --                                          | 6.5 | 15    | 3                    |
| COHASSET                |                      |                              |                                         |                        |                             |                           |                             |                          |                            |                                              |                                           |                                         |                            |                           |                                         |                                        |                                                        |                                |                                     |                                                 |                                             |     |       |                      |
| W 1                     | 04- -96              | --                           | --                                      | 700                    | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 18                         | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | --                                              | --                                          | --  | --    | 3                    |
| W 2                     | 06-09-50             | --                           | --                                      | 60                     | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 17                         | --                        | 2.3                                     | --                                     | --                                                     | 38                             | --                                  | 49                                              | --                                          | 6.5 | 2     | 3                    |
| W 6                     | 11-06-68             | --                           | 9.0                                     | 20                     | 0                           | 21                        | 4.4                         | 20                       | 2.3                        | 12                                           | 0                                         | 35                                      | 39                         | .1                        | 11                                      | --                                     | 205                                                    | 70                             | 50                                  | --                                              | 265                                         | 6.4 | 10    | 3                    |
| W 7                     | 03-10-52             | --                           | --                                      | 20                     | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 18                         | --                        | 1.9                                     | --                                     | --                                                     | 54                             | --                                  | 53                                              | --                                          | 6.5 | 2     | 3                    |
| W 17                    | 12-08-54             | --                           | --                                      | 60                     | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | --                         | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | --                                              | --                                          | 5.5 | 2     | 3                    |
| W 24                    | 12-27-54             | --                           | --                                      | 1000                   | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | --                         | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | 15                                              | --                                          | 5.9 | 150   | 3                    |
| DUXBURY                 |                      |                              |                                         |                        |                             |                           |                             |                          |                            |                                              |                                           |                                         |                            |                           |                                         |                                        |                                                        |                                |                                     |                                                 |                                             |     |       |                      |
| W 1                     | 04-25-66             | --                           | 19                                      | 10                     | 40                          | 9.6                       | 3.4                         | 20                       | 1.5                        | 4                                            | 0                                         | 33                                      | 26                         | 0.0                       | 3.5                                     | --                                     | 130                                                    | 38                             | 32                                  | --                                              | 160                                         | 5.6 | 3     | 3                    |
| W 2                     | 04-25-66             | --                           | 19                                      | 160                    | 60                          | 4.8                       | 3.8                         | 13                       | 1.7                        | 4                                            | 0                                         | 13                                      | 20                         | 0.0                       | 8.9                                     | --                                     | 85                                                     | 28                             | 21                                  | --                                              | 100                                         | 5.8 | 5     | 3                    |
| W 14                    | 04-25-66             | --                           | 18                                      | 80                     | 20                          | 4.8                       | 1.0                         | 11                       | 1.0                        | 4                                            | 0                                         | 15                                      | 14                         | 0.0                       | 1.8                                     | --                                     | 68                                                     | 16                             | 9                                   | --                                              | 90                                          | 5.8 | 5     | 3                    |
| W 20                    | 11-28-67             | --                           | --                                      | 16000                  | 220                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 16                         | --                        | 0.0                                     | --                                     | --                                                     | 20                             | --                                  | 37                                              | --                                          | 6.4 | 150   | 3                    |
| W 21                    | 11-29-67             | --                           | --                                      | 12000                  | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 12                         | --                        | 0.0                                     | --                                     | --                                                     | 10                             | --                                  | 23                                              | --                                          | 6.0 | 100   | 3                    |
| W 23                    | 12-13-67             | --                           | --                                      | 16000                  | 160                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 12                         | --                        | 0.0                                     | --                                     | --                                                     | 36                             | --                                  | 14                                              | --                                          | 6.1 | 110   | 3                    |
| W 25                    | 12-21-67             | --                           | --                                      | 30                     | 40                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 15                         | --                        | 0.1                                     | --                                     | --                                                     | 10                             | --                                  | 4                                               | --                                          | 5.7 | 5     | 3                    |
| W 26                    | 04-16-68             | --                           | --                                      | 40                     | 20                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 10                         | --                        | 0.0                                     | --                                     | --                                                     | 10                             | --                                  | 6                                               | --                                          | 5.7 | 3     | 3                    |
| W 27                    | 01-08-68             | --                           | --                                      | 30                     | 20                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 10                         | --                        | 0.0                                     | --                                     | --                                                     | 14                             | --                                  | 8                                               | --                                          | 6.0 | 5     | 3                    |
| W 40                    | 11-18-69             | --                           | --                                      | 50                     | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 31                         | --                        | 0.1                                     | --                                     | --                                                     | 30                             | --                                  | 9                                               | --                                          | 5.8 | 5     | 3                    |
| W 42                    | 12-02-69             | --                           | --                                      | 1000                   | 20                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 22                         | --                        | .1                                      | --                                     | --                                                     | 24                             | --                                  | 6                                               | --                                          | 6.3 | 0     | 3                    |
| W 45                    | 09-29-70             | 9.0                          | 18                                      | 0                      | 430                         | 5.2                       | 1.6                         | 7.4                      | .7                         | 28                                           | 0                                         | 4.0                                     | 9.0                        | .3                        | .1                                      | 59                                     | --                                                     | 20                             | 0                                   | --                                              | 83                                          | 7.4 | 0     | 1                    |
| W 46                    | 12-13-69             | --                           | --                                      | 80                     | 140                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 13                         | --                        | 0.0                                     | --                                     | --                                                     | 8                              | --                                  | 3                                               | --                                          | 5.9 | 5     | 3                    |
| W 49                    | 07-18-66             | --                           | --                                      | 70                     | 40                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 11                         | --                        | 0.0                                     | --                                     | --                                                     | 12                             | --                                  | 8                                               | --                                          | 5.9 | 10    | 3                    |
| W 54                    | 06-30-65             | --                           | --                                      | 20                     | 20                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 13                         | --                        | 0.1                                     | --                                     | --                                                     | 16                             | --                                  | 6                                               | --                                          | 6.4 | 8     | 3                    |
| W 56                    | 07-07-65             | --                           | --                                      | 20                     | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 13                         | --                        | 0.1                                     | --                                     | --                                                     | 14                             | --                                  | 9                                               | --                                          | 6.2 | 10    | 3                    |
| W 61                    | 07-20-65             | --                           | --                                      | 220                    | 360                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 16                         | --                        | 0.8                                     | --                                     | --                                                     | 20                             | --                                  | 6                                               | --                                          | 6.1 | 5     | 3                    |
| W 63                    | 04-21-70             | --                           | --                                      | 10                     | 0                           | --                        | --                          | 18                       | --                         | --                                           | --                                        | --                                      | 19                         | --                        | .5                                      | --                                     | --                                                     | 20                             | --                                  | 9                                               | --                                          | 6.5 | 0     | 3                    |
| W 70                    | 04-03-58             | 9.0                          | 5.3                                     | 260                    | 0                           | 8.4                       | 2.0                         | 4.1                      | 1.4                        | 18                                           | 0                                         | 14                                      | 8.0                        | 0.3                       | 0.6                                     | --                                     | 59                                                     | 29                             | 14                                  | --                                              | 89                                          | 6.2 | 7     | 1                    |
| W 72                    | 04-21-70             | --                           | --                                      | 20                     | 40                          | --                        | --                          | 12                       | --                         | --                                           | --                                        | --                                      | 16                         | --                        | 1.4                                     | --                                     | --                                                     | 20                             | --                                  | 6                                               | --                                          | --  | 0     | 3                    |
| W 78                    | 08-25-65             | 9.0                          | --                                      | --                     | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 32                         | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | --                                              | 169                                         | 6.8 | --    | 1                    |
| W 79                    | 08-15-67             | 10.0                         | --                                      | --                     | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 17                         | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | --                                              | 144                                         | --  | --    | 1                    |
| W 80                    | 08-15-67             | 9.5                          | --                                      | --                     | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 9.6                        | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | --                                              | 165                                         | --  | --    | 1                    |
| W 89                    | 10-26-61             | --                           | --                                      | 50                     | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | --                         | --                        | --                                      | --                                     | --                                                     | --                             | --                                  | --                                              | --                                          | 5.9 | --    | 3                    |
| W 135                   | 08-28-71             | --                           | --                                      | 640                    | 0                           | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 11                         | --                        | --                                      | --                                     | --                                                     | 34                             | --                                  | 12                                              | --                                          | 6.4 | 15    | 3                    |
| HANDOVER                |                      |                              |                                         |                        |                             |                           |                             |                          |                            |                                              |                                           |                                         |                            |                           |                                         |                                        |                                                        |                                |                                     |                                                 |                                             |     |       |                      |
| W 1                     | 09-19-51             | --                           | --                                      | 520                    | --                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 9.6                        | --                        | --                                      | --                                     | --                                                     | 33                             | --                                  | 17                                              | --                                          | 5.6 | 27    | 3                    |
| W 2                     | 04-24-67             | --                           | 12                                      | 250                    | 900                         | 13                        | 1.5                         | 18                       | 1.5                        | 13                                           | 0                                         | 21                                      | 37                         | 0.1                       | 3.5                                     | --                                     | 125                                                    | 40                             | 19                                  | --                                              | 160                                         | 6.2 | 40    | 3                    |
| W 3                     | 02-23-60             | --                           | --                                      | 280                    | 240                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 20                         | --                        | --                                      | --                                     | --                                                     | 34                             | --                                  | 7                                               | --                                          | 5.7 | 85    | 3                    |
| W 5                     | 02-24-70             | --                           | --                                      | 5000                   | 780                         | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 50                         | --                        | 1.7                                     | --                                     | --                                                     | 58                             | --                                  | 10                                              | --                                          | 6.1 | 35    | 3                    |
| W 7                     | 04-24-67             | --                           | 10                                      | 150                    | 40                          | 24                        | 2.4                         | 20                       | 1.8                        | 10                                           | 0                                         | 71                                      | 23                         | 0.2                       | 8.8                                     | --                                     | 175                                                    | 72                             | 55                                  | --                                              | 225                                         | 6.2 | 10    | 3                    |
| W 8                     | 05-04-70             | --                           | --                                      | 30                     | 0                           | --                        | --                          | 7.6                      | --                         | --                                           | --                                        | --                                      | 15                         | --                        | .5                                      | --                                     | --                                                     | 48                             | --                                  | 12                                              | --                                          | 6.1 | 10    | 3                    |
| W 9                     | 06-08-66             | --                           | --                                      | 500                    | 20                          | --                        | --                          | --                       | --                         | --                                           | --                                        | --                                      | 5.0                        | --                        | .5                                      | --                                     | --                                                     | 38                             | --                                  | 9                                               | --                                          | 6.0 | 10    | 3                    |
| W 41                    | 04-24-67             | --                           | 11                                      | 200                    | 60                          | 12                        | 0.5                         | 9.0                      | 0.5                        | 13                                           | 0                                         | 29                                      | 6.0                        | 0.1                       | 1.8                                     | --                                     | 85                                                     | 34                             | 13                                  | --                                              | 110                                         | 6.3 | 10    | 3                    |
| W 42                    | 05-04-70             | --                           | --                                      | 1500                   | 760                         | --                        | --                          | 19                       | --                         | --                                           | --                                        | --                                      | 37                         | --                        | .6                                      | --                                     | --                                                     | 78                             | --                                  | 12                                              | --                                          | 6.0 | 10    | 3                    |



TABLE 3. CHEMICAL ANALYSES OF GROUND WATER--CONTINUED

| LOCAL<br>WELL<br>NUMBER | DATE<br>OF<br>SAMPLE | TEM-<br>PERA-<br>TURE<br>(C) | SILICA<br>(MG/L) | IRON<br>(FE)<br>(UG/L) | MAN-<br>GANESE<br>(MNI)<br>(UG/L) | CAL-<br>CIUM<br>(CA)<br>(MG/L) | MAGNE-<br>SIUM<br>(MG) | SODIUM<br>(NA)<br>(MG/L) | POTAS-<br>SIUM<br>(K)<br>(MG/L) | BICAR-<br>BONATE<br>(HCO3)<br>(MG/L) | CAR-<br>BONATE<br>(CO3)<br>(MG/L) | SUL-<br>FATE<br>(SO4)<br>(MG/L) | CHLO-<br>RIDE<br>(CL)<br>(MG/L) | FLUO-<br>RIDE<br>(F)<br>(MG/L) | NI-<br>TRATE<br>(NO3)<br>(MG/L) | DIS-<br>SOLVED<br>(CALC)<br>(180 C) | D15-<br>SOLVED<br>SOLIDS<br>NESS<br>(MG/L) | HARD-<br>NESS<br>(CA, MG)<br>(MG/L) | NON-<br>CAR-<br>BONATE<br>HARD-<br>NESS<br>(MG/L) | ALKA-<br>LINE-<br>ITY<br>AS<br>CAHCO3<br>(MG/L) | SPECIFIC<br>CONDUCT-<br>ANCE<br>(MICRO-<br>MHOS) | PH  | COLOR | SOURCE<br>OF<br>DATA |   |
|-------------------------|----------------------|------------------------------|------------------|------------------------|-----------------------------------|--------------------------------|------------------------|--------------------------|---------------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------|---------------------------------------------------|-------------------------------------------------|--------------------------------------------------|-----|-------|----------------------|---|
| HANSON                  |                      |                              |                  |                        |                                   |                                |                        |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                     |                                            |                                     |                                                   |                                                 |                                                  |     |       |                      |   |
| M 116                   | 11-03-67             | --                           | --               | 4400                   | 460                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 9.0                             | --                             | 0.0                             | --                                  | --                                         | 26                                  | --                                                | --                                              | 24                                               | --  | 6.0   | 70                   | 3 |
| M 129                   | 11-01-67             | --                           | --               | 440                    | 120                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 6.0                             | --                             | 0.0                             | --                                  | --                                         | 16                                  | --                                                | --                                              | 9                                                | --  | 6.1   | 2                    | 3 |
| HINGHAM                 |                      |                              |                  |                        |                                   |                                |                        |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                     |                                            |                                     |                                                   |                                                 |                                                  |     |       |                      |   |
| M 29                    | 09-11-50             | --                           | --               | 0                      | 500                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | --                              | --                             | --                              | --                                  | --                                         | 84                                  | --                                                | --                                              | 74                                               | --  | 7.3   | 0                    | 6 |
| M 42                    | 11-25-50             | --                           | --               | --                     | 200                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | --                              | --                             | --                              | --                                  | --                                         | 130                                 | --                                                | --                                              | 73                                               | --  | 7.0   | 0                    | 6 |
| M 43                    | 11-09-64             | --                           | --               | 70                     | 700                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 18                              | --                             | .2                              | --                                  | --                                         | 114                                 | --                                                | --                                              | 59                                               | --  | 7.1   | 10                   | 3 |
| M 44                    | 10-26-57             | --                           | 10               | 30                     | 460                               | 32                             | 8.7                    | 15                       | 1.8                             | 31                                   | 0                                 | 76                              | 19                              | 0.9                            | 4.4                             | --                                  | 200                                        | 116                                 | 65                                                | --                                              | 305                                              | 6.3 | 3     | 3                    |   |
| M 53                    | 06-10-59             | 16.5                         | 26               | 1600                   | 730                               | 8.8                            | 2.8                    | 9.9                      | 2.0                             | 46                                   | 0                                 | 9.2                             | 8.5                             | .2                             | .1                              | --                                  | 97                                         | 34                                  | 6                                                 | --                                              | 123                                              | 6.6 | 15    | 1                    |   |
| M 85                    | 05-15-70             | --                           | --               | 10                     | 20                                | --                             | --                     | 12                       | --                              | --                                   | --                                | --                              | 18                              | --                             | 1.4                             | --                                  | --                                         | 74                                  | --                                                | --                                              | 27                                               | --  | 6.7   | 7                    | 3 |
| M 230                   | 12-18-69             | --                           | --               | 20                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 11                              | --                             | .7                              | --                                  | --                                         | 38                                  | --                                                | --                                              | 35                                               | --  | 6.9   | 5                    | 3 |
| M 242                   | 06-05-62             | --                           | --               | 50                     | 60                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 10                              | --                             | .0                              | --                                  | --                                         | 92                                  | --                                                | --                                              | 67                                               | --  | 7.3   | 5                    | 3 |
| M 243                   | 05-19-58             | --                           | --               | 140                    | 90                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 8.4                             | --                             | 2.5                             | --                                  | --                                         | 35                                  | --                                                | --                                              | 15                                               | --  | 6.1   | 3                    | 3 |
| M 244                   | 07-05-61             | --                           | --               | 1500                   | 460                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 15                              | --                             | .0                              | --                                  | --                                         | 80                                  | --                                                | --                                              | 53                                               | --  | 7.0   | 25                   | 3 |
| M 245                   | 04-03-63             | --                           | --               | 20                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 18                              | --                             | 1.0                             | --                                  | --                                         | 52                                  | --                                                | --                                              | 34                                               | --  | 7.1   | 10                   | 3 |
| M 247                   | 12-11-61             | --                           | --               | 10                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 18                              | --                             | .1                              | --                                  | --                                         | 34                                  | --                                                | --                                              | 8                                                | --  | 5.9   | 10                   | 3 |
| M 253                   | 06-05-62             | --                           | --               | 2000                   | 60                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 8.5                             | --                             | .0                              | --                                  | --                                         | 66                                  | --                                                | --                                              | 60                                               | --  | 6.7   | 50                   | 3 |
| M 258                   | 03-23-64             | --                           | --               | 30                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 9.0                             | --                             | .0                              | --                                  | --                                         | 30                                  | --                                                | --                                              | 22                                               | --  | 6.8   | 5                    | 3 |
| M 259                   | 09-26-61             | --                           | --               | 100                    | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 10                              | --                             | .7                              | --                                  | --                                         | 36                                  | --                                                | --                                              | 11                                               | --  | 6.1   | 5                    | 3 |
| M 260                   | 09-27-61             | --                           | --               | 2500                   | 1300                              | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 30                              | --                             | 4.0                             | --                                  | --                                         | 50                                  | --                                                | --                                              | 24                                               | --  | 5.5   | 35                   | 3 |
| M 261                   | 12-11-62             | --                           | --               | 230                    | 340                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 14                              | --                             | .0                              | --                                  | --                                         | 46                                  | --                                                | --                                              | 36                                               | --  | 7.3   | 10                   | 3 |
| M 262                   | 08-11-64             | --                           | --               | 100                    | 40                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 6.0                             | --                             | .3                              | --                                  | --                                         | 36                                  | --                                                | --                                              | 13                                               | --  | 6.5   | 4                    | 3 |
| M 263                   | 05-06-59             | --                           | --               | 1200                   | 100                               | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 3.0                             | --                             | .0                              | --                                  | --                                         | 28                                  | --                                                | --                                              | 17                                               | --  | 5.8   | 35                   | 3 |
| KINGSTON                |                      |                              |                  |                        |                                   |                                |                        |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                     |                                            |                                     |                                                   |                                                 |                                                  |     |       |                      |   |
| M 8                     | 02-11-69             | --                           | 8.0              | 10                     | 100                               | 4.8                            | 1.9                    | 7.0                      | .3                              | 11                                   | 0                                 | 10                              | 10                              | --                             | .4                              | --                                  | 78                                         | 20                                  | 0                                                 | --                                              | --                                               | 96  | 6.4   | 5                    | 3 |
| M 10                    | 02-03-65             | --                           | --               | 30                     | 20                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 22                              | --                             | .4                              | --                                  | --                                         | 22                                  | --                                                | --                                              | 10                                               | --  | 6.0   | 3                    | 3 |
| M 12                    | 05-09-66             | --                           | --               | 800                    | 20                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 6.0                             | --                             | 0.0                             | --                                  | --                                         | 16                                  | --                                                | --                                              | 6                                                | --  | 5.9   | 15                   | 3 |
| M 24                    | 10-08-56             | --                           | --               | 30                     | 30                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 7.6                             | --                             | .4                              | --                                  | --                                         | 14                                  | --                                                | --                                              | 5                                                | --  | 5.7   | 0                    | 3 |
| M 25                    | 10-08-56             | --                           | --               | 30                     | 20                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 7.0                             | --                             | .5                              | --                                  | --                                         | 12                                  | --                                                | --                                              | 5                                                | --  | 5.7   | 0                    | 3 |
| M 28                    | 01-09-57             | --                           | --               | 730                    | 30                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 8.2                             | --                             | .0                              | --                                  | --                                         | 18                                  | --                                                | --                                              | 13                                               | --  | 6.2   | 0                    | 3 |
| M 42                    | 08-26-70             | --                           | --               | 0                      | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 11                              | --                             | .1                              | --                                  | --                                         | 14                                  | --                                                | --                                              | 11                                               | --  | 6.4   | 0                    | 3 |
| M 49                    | 10-14-60             | --                           | --               | 80                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 7.0                             | --                             | 0.0                             | --                                  | --                                         | 14                                  | --                                                | --                                              | 8                                                | --  | 5.9   | 0                    | 3 |
| M 51                    | 10-13-60             | --                           | --               | 10                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 6.0                             | --                             | .0                              | --                                  | --                                         | 22                                  | --                                                | --                                              | 4                                                | --  | 7.0   | 0                    | 3 |
| M 125                   | 05-08-67             | --                           | 8.0              | 250                    | 20                                | 12                             | 0.9                    | 18                       | 1.5                             | 6                                    | 0                                 | 11                              | 36                              | 0.0                            | 2.7                             | --                                  | 105                                        | 34                                  | 23                                                | --                                              | --                                               | 140 | 6.2   | 5                    | 3 |
| MARSHFIELD              |                      |                              |                  |                        |                                   |                                |                        |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                     |                                            |                                     |                                                   |                                                 |                                                  |     |       |                      |   |
| M 19                    | 09-20-65             | --                           | --               | 10                     | 20                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 24                              | --                             | .0                              | --                                  | --                                         | 24                                  | --                                                | --                                              | 11                                               | --  | 6.0   | 3                    | 3 |
| M 24                    | 05-27-70             | --                           | --               | 20                     | 0                                 | --                             | --                     | 10                       | --                              | --                                   | --                                | --                              | 30                              | --                             | .2                              | --                                  | --                                         | 20                                  | --                                                | --                                              | 12                                               | --  | 6.3   | 0                    | 3 |
| M 27                    | 08-26-68             | --                           | --               | 10                     | 40                                | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 40                              | --                             | .5                              | --                                  | --                                         | 34                                  | --                                                | --                                              | 13                                               | --  | 5.9   | 0                    | 3 |
| M 28                    | 05-27-70             | --                           | --               | 10                     | 0                                 | --                             | --                     | 18                       | --                              | --                                   | --                                | --                              | 43                              | --                             | .6                              | --                                  | --                                         | 26                                  | --                                                | --                                              | 13                                               | --  | 6.1   | 5                    | 3 |
| M 29                    | 05-27-70             | --                           | --               | 230                    | 0                                 | --                             | --                     | 16                       | --                              | --                                   | --                                | --                              | 32                              | --                             | .6                              | --                                  | --                                         | 36                                  | --                                                | --                                              | 18                                               | --  | 6.4   | 0                    | 3 |
| M 39                    | 05-27-70             | --                           | --               | 80                     | 0                                 | --                             | --                     | 18                       | --                              | --                                   | --                                | --                              | 41                              | --                             | .3                              | --                                  | --                                         | 22                                  | --                                                | --                                              | 11                                               | --  | 6.1   | 8                    | 3 |
| M 40                    | 05-27-70             | --                           | --               | 20                     | 0                                 | --                             | --                     | 9.0                      | --                              | --                                   | --                                | --                              | 20                              | --                             | .8                              | --                                  | --                                         | 18                                  | --                                                | --                                              | 15                                               | --  | 6.1   | 0                    | 3 |
| M 42                    | 06-24-69             | --                           | --               | 100                    | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | --                              | --                             | --                              | --                                  | --                                         | --                                  | --                                                | --                                              | --                                               | --  | --    | --                   | 3 |
| M 75                    | 06-05-67             | --                           | --               | 10                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | --                              | --                             | .3                              | --                                  | --                                         | 20                                  | --                                                | --                                              | --                                               | --  | 6.3   | 5                    | 3 |
| M 100                   | 08-19-63             | --                           | --               | 0                      | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 12                              | --                             | --                              | --                                  | --                                         | --                                  | --                                                | --                                              | 10                                               | --  | --    | --                   | 3 |
| M 113                   | 05-24-61             | 9.0                          | --               | 40                     | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 7.0                             | --                             | .3                              | --                                  | --                                         | 14                                  | --                                                | --                                              | 7                                                | --  | 6.6   | 5                    | 3 |
| M 114                   | 08-15-62             | --                           | --               | 50                     | 20                                | 3.8                            | .9                     | 7.0                      | .6                              | 15                                   | 0                                 | 4.0                             | 12                              | --                             | 1.3                             | --                                  | --                                         | 20                                  | --                                                | --                                              | 14                                               | --  | 6.6   | 10                   | 3 |
| M 163                   | 10-19-70             | 9.0                          | 14               | 240                    | 0                                 | --                             | --                     | --                       | --                              | --                                   | --                                | --                              | 10                              | --                             | .1                              | --                                  | --                                         | 13                                  | --                                                | --                                              | 12                                               | --  | 6.6   | 0                    | 1 |

TABLE 3. CHEMICAL ANALYSES OF GROUND WATER--CONTINUED

| LOCAL<br>WELL<br>NUMBER | DATE<br>OF<br>SAMPLE | TEMP-<br>ERATURE<br>(C) | SILICA<br>(SI02)<br>(MG/L) | IRON<br>(FE)<br>(UG/L) | MANG-<br>ANESE<br>(MNI)<br>(UG/L) | CAL-<br>CIUM<br>(CA)<br>(MG/L) | MAGNE-<br>SIUM<br>(MG)<br>(MG/L) | SODIUM<br>(NA)<br>(MG/L) | POTAS-<br>SIUM<br>(K)<br>(MG/L) | BICAR-<br>BONATE<br>(HCO3)<br>(MG/L) | CAR-<br>BONATE<br>(CO3)<br>(MG/L) | SUL-<br>FATE<br>(SO4)<br>(MG/L) | CHLO-<br>RIDE<br>(CL)<br>(MG/L) | FLUO-<br>RIDE<br>(F)<br>(MG/L) | NI-<br>TRAIE<br>(NO3)<br>(MG/L) | DIS-<br>SOLVED<br>(REST)<br>DUE AT<br>180 C | HARD-<br>NESS<br>(CA)<br>(MG/L) | NON-<br>HARD-<br>NESS<br>(MG/L) | ALKAL-<br>LITY<br>AS<br>CAC03 | SPECIFIC<br>CONDUCT-<br>ANCE<br>(MICRO-<br>MHOS) | PH  | COLOR | SOURCE<br>OF<br>DATA |   |
|-------------------------|----------------------|-------------------------|----------------------------|------------------------|-----------------------------------|--------------------------------|----------------------------------|--------------------------|---------------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------------------|---------------------------------|---------------------------------|-------------------------------|--------------------------------------------------|-----|-------|----------------------|---|
| NORWELL                 |                      |                         |                            |                        |                                   |                                |                                  |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                             |                                 |                                 |                               |                                                  |     |       |                      |   |
| M 1                     | 06-10-70             | --                      | --                         | 0                      | 20                                | --                             | --                               | 9.0                      | --                              | --                                   | --                                | --                              | 16                              | --                             | --                              | --                                          | --                              | 22                              | --                            | 10                                               | --  | 6.4   | 0                    | 3 |
| M 2                     | 06-10-70             | --                      | --                         | 0                      | 20                                | --                             | --                               | 9.0                      | --                              | --                                   | --                                | --                              | 16                              | --                             | --                              | --                                          | --                              | 22                              | --                            | 12                                               | --  | 6.5   | 0                    | 3 |
| M 14                    | 05-19-69             | --                      | --                         | 20                     | 180                               | --                             | --                               | --                       | --                              | --                                   | --                                | 1125                            | --                              | --                             | --                              | --                                          | --                              | 180                             | --                            | 30                                               | --  | 7.0   | 0                    | 3 |
| M 34                    | 10-31-62             | --                      | --                         | 40                     | 60                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 11                              | --                             | --                              | --                                          | --                              | 20                              | --                            | 14                                               | --  | 6.2   | 5                    | 3 |
| M 43                    | 02-21-67             | --                      | 12                         | 80                     | 40                                | 19                             | 6.8                              | 63                       | 1.3                             | 5                                    | 0                                 | 22                              | 136                             | 0.0                            | .9                              | --                                          | 243                             | 76                              | 68                            | --                                               | 445 | 5.8   | 2                    | 3 |
| M 44                    | 10-23-68             | --                      | --                         | 10                     | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 48                              | --                             | 0.0                             | --                                          | --                              | 40                              | --                            | 8                                                | --  | 6.1   | 8                    | 3 |
| M 69                    | 08-20-65             | --                      | --                         | 30                     | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 15                              | --                             | .3                              | --                                          | --                              | 28                              | --                            | 6                                                | --  | 5.8   | 3                    | 3 |
| M 80                    | 06-10-70             | --                      | --                         | 10                     | 20                                | --                             | --                               | 22                       | --                              | --                                   | --                                | --                              | 42                              | --                             | 2.6                             | --                                          | --                              | 44                              | --                            | 9                                                | --  | 6.0   | 0                    | 3 |
| M 81                    | 10-23-66             | --                      | --                         | 20                     | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 11                              | --                             | 0.6                             | --                                          | --                              | 32                              | --                            | 13                                               | --  | 6.3   | 3                    | 3 |
| M 83                    | 06-10-70             | --                      | --                         | 10                     | 0                                 | --                             | --                               | 13                       | --                              | --                                   | --                                | --                              | 33                              | --                             | 1.8                             | --                                          | --                              | 36                              | --                            | 6                                                | --  | 6.2   | 0                    | 3 |
| M 124                   | 07-28-54             | --                      | --                         | 1500                   | 300                               | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | --                              | --                             | --                              | --                                          | --                              | 42                              | --                            | 16                                               | --  | 5.8   | 7                    | 6 |
| M 158                   | 08-13-51             | --                      | --                         | 30                     | --                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 12                              | --                             | .4                              | --                                          | --                              | 60                              | --                            | 72                                               | --  | 7.6   | 2                    | 3 |
| PEMBROKE                |                      |                         |                            |                        |                                   |                                |                                  |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                             |                                 |                                 |                               |                                                  |     |       |                      |   |
| M 41                    | 03-11-69             | --                      | 11                         | 300                    | 60                                | 4.8                            | 1.9                              | 9.0                      | .9                              | 7                                    | 0                                 | 16                              | 11                              | 0.1                            | 3.5                             | --                                          | 70                              | 20                              | 0                             | --                                               | 80  | 6.2   | 0                    | 3 |
| M 103                   | 08-21-56             | --                      | --                         | 50                     | --                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 13                              | --                             | 0.5                             | --                                          | --                              | 6                               | --                            | 14                                               | --  | 5.6   | --                   | 3 |
| M 132                   | 04-23-58             | 8.0                     | 11                         | 1100                   | 120                               | 6.4                            | 3.4                              | 8.7                      | 2.0                             | 22                                   | 0                                 | 18                              | 13                              | .3                             | .8                              | --                                          | 77                              | 30                              | 12                            | --                                               | 126 | 6.0   | 3                    | 1 |
| M 215                   | 04-23-58             | 8.5                     | 7.2                        | 50                     | 10                                | 8.4                            | 2.3                              | 6.8                      | 3.4                             | 24                                   | 0                                 | 14                              | 9.2                             | .2                             | .9                              | --                                          | 68                              | 31                              | 11                            | --                                               | 108 | 6.3   | 3                    | 3 |
| M 240                   | 10-31-67             | --                      | 13                         | 80                     | 60                                | 4.0                            | 1.9                              | 7.5                      | .7                              | 7                                    | 0                                 | 12                              | 13                              | --                             | 2.6                             | --                                          | 63                              | 18                              | 7                             | --                                               | 85  | 6.1   | 0                    | 3 |
| M 285                   | 07-29-70             | --                      | --                         | 1300                   | 340                               | --                             | --                               | 28                       | --                              | --                                   | --                                | --                              | 110                             | --                             | 0.0                             | --                                          | --                              | 52                              | --                            | 20                                               | --  | 6.1   | 11                   | 3 |
| M 290                   | 02-67                | --                      | --                         | 4200                   | 300                               | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 15                              | --                             | 0.0                             | --                                          | --                              | 45                              | --                            | 8                                                | --  | 6.5   | --                   | 6 |
| M 312                   | 09-23-65             | --                      | --                         | 6800                   | 40                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 9.5                             | --                             | 0.0                             | --                                          | --                              | 10                              | --                            | 8                                                | --  | 5.5   | --                   | 3 |
| M 313                   | 09-23-65             | --                      | --                         | 90                     | 80                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 6.5                             | --                             | 0.0                             | --                                          | --                              | 18                              | --                            | 13                                               | --  | 6.0   | 8                    | 3 |
| M 314                   | 09-27-65             | --                      | --                         | 210                    | 180                               | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 12                              | --                             | 0.0                             | --                                          | --                              | 18                              | --                            | 6                                                | --  | 6.1   | 8                    | 3 |
| M 316                   | 09-29-65             | --                      | --                         | 30                     | 0                                 | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 6.0                             | --                             | 0.0                             | --                                          | --                              | 10                              | --                            | 9                                                | --  | 5.9   | 22                   | 3 |
| M 318                   | 10-07-65             | --                      | --                         | 3200                   | 60                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 7.0                             | --                             | 0.0                             | --                                          | --                              | 22                              | --                            | 6                                                | --  | 6.0   | 10                   | 3 |
| M 319                   | 10-13-65             | --                      | --                         | 100                    | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 10                              | --                             | 0.0                             | --                                          | --                              | 8                               | --                            | 3                                                | --  | 5.6   | 10                   | 3 |
| M 327                   | 07-13-66             | --                      | --                         | 90                     | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 2.0                             | --                             | 0.0                             | --                                          | --                              | 14                              | --                            | 9                                                | --  | 5.6   | 2                    | 3 |
| M 331                   | 12-13-66             | --                      | --                         | 20                     | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 2.0                             | --                             | 0.0                             | --                                          | --                              | 34                              | --                            | 13                                               | --  | 6.3   | 0                    | 3 |
| PLYMOUTH                |                      |                         |                            |                        |                                   |                                |                                  |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                             |                                 |                                 |                               |                                                  |     |       |                      |   |
| M 107                   | 06-30-42             | --                      | --                         | 350                    | --                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 30                              | --                             | .3                              | --                                          | 94                              | 26                              | --                            | 10                                               | --  | 6.6   | 0                    | 3 |
| ROCKLAND                |                      |                         |                            |                        |                                   |                                |                                  |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                             |                                 |                                 |                               |                                                  |     |       |                      |   |
| M 74                    | 02-03-58             | --                      | --                         | 1100                   | 320                               | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 5.0                             | --                             | .0                              | --                                          | --                              | 38                              | --                            | 29                                               | --  | 6.9   | 14                   | 3 |
| M 78                    | 07-29-70             | --                      | --                         | 6600                   | 520                               | --                             | --                               | 18                       | --                              | --                                   | --                                | --                              | 42                              | --                             | 0.0                             | --                                          | --                              | 54                              | --                            | 20                                               | --  | 6.0   | 10                   | 3 |
| M 79                    | 10-18-66             | --                      | --                         | 16000                  | 300                               | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 13                              | --                             | 2.0                             | --                                          | --                              | 36                              | --                            | 35                                               | --  | 6.3   | 115                  | 3 |
| M 88                    | 02-04-64             | --                      | --                         | 250                    | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 7.5                             | --                             | .4                              | --                                          | --                              | 16                              | --                            | 15                                               | --  | 6.7   | 5                    | 3 |
| M 104                   | 02-10-54             | --                      | --                         | 220                    | 50                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 9.2                             | --                             | .8                              | --                                          | --                              | 20                              | --                            | 7                                                | --  | 6.2   | 0                    | 3 |
| SCITUATE                |                      |                         |                            |                        |                                   |                                |                                  |                          |                                 |                                      |                                   |                                 |                                 |                                |                                 |                                             |                                 |                                 |                               |                                                  |     |       |                      |   |
| M 4                     | 07-02-56             | --                      | 9.0                        | 70                     | 0                                 | 4.8                            | 2.4                              | 13                       | 1.3                             | 8                                    | 0                                 | 11                              | 18                              | .1                             | 2.4                             | --                                          | 87                              | 22                              | 8                             | --                                               | --  | 6.5   | 0                    | 3 |
| M 10                    | 06-16-70             | --                      | --                         | 160                    | 0                                 | --                             | --                               | 24                       | --                              | --                                   | --                                | --                              | 47                              | --                             | 1.8                             | --                                          | --                              | 58                              | --                            | 23                                               | --  | 6.5   | 2                    | 3 |
| M 11                    | 06-16-70             | --                      | --                         | 30                     | 0                                 | --                             | --                               | 21                       | --                              | --                                   | --                                | --                              | 44                              | --                             | 1.7                             | --                                          | --                              | 56                              | --                            | 26                                               | --  | 6.6   | 0                    | 3 |
| M 12                    | 11-25-32             | --                      | --                         | 90                     | --                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 19                              | --                             | 2.0                             | --                                          | --                              | 49                              | --                            | 15                                               | --  | 6.4   | 0                    | 3 |
| M 17                    | 06-16-70             | --                      | --                         | 60                     | 80                                | --                             | --                               | 13                       | --                              | --                                   | --                                | --                              | 28                              | --                             | .2                              | --                                          | --                              | 34                              | --                            | 15                                               | --  | 6.4   | 28                   | 3 |
| M 19                    | 07-02-56             | --                      | 7.0                        | 20                     | 10                                | 5.6                            | 0.0                              | 11                       | 1.3                             | 6                                    | 0                                 | 12                              | 13                              | .1                             | 2.4                             | --                                          | 71                              | 14                              | 4                             | --                                               | --  | 6.4   | 0                    | 3 |
| M 29                    | 07-02-56             | --                      | 13                         | 280                    | 10                                | 8.8                            | 3.9                              | 13                       | 1.3                             | 12                                   | 0                                 | 13                              | 23                              | .1                             | 3.1                             | --                                          | 118                             | 38                              | 18                            | --                                               | --  | 6.4   | 25                   | 3 |
| M 49                    | 10-16-67             | --                      | --                         | 140                    | 400                               | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 101                             | --                             | 1.1                             | --                                          | --                              | 60                              | --                            | 24                                               | --  | 6.5   | 3                    | 3 |
| M 64                    | 04-22-57             | --                      | --                         | --                     | --                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 33                              | --                             | 1.7                             | --                                          | --                              | 92                              | --                            | 34                                               | --  | 6.5   | 0                    | 3 |
| M 81                    | 04-29-57             | 9.5                     | --                         | 40                     | 20                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 33                              | --                             | 1.7                             | --                                          | --                              | 92                              | --                            | 34                                               | --  | 6.5   | 0                    | 3 |
| M 92                    | 06-27-67             | --                      | --                         | 260                    | 40                                | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 22                              | --                             | .1                              | --                                          | --                              | 54                              | --                            | 24                                               | --  | 6.5   | 25                   | 3 |
| M 98                    | 09-10-68             | --                      | --                         | 0                      | 0                                 | --                             | --                               | --                       | --                              | --                                   | --                                | --                              | 28                              | --                             | .9                              | --                                          | --                              | 52                              | --                            | 28                                               | --  | 6.7   | 5                    | 3 |

Table 4.--Description and chemical analyses of springs

Analyses in milligrams per litre except as indicated.

| Local number                                | Hingham S-1                         | Marshfield S-1                |
|---------------------------------------------|-------------------------------------|-------------------------------|
| Location                                    | 421157N0705038.1                    | 420845N0704527.1              |
| Owner or user                               | Wampatuck State Park                | Forgan Hatchery               |
| Estimated discharge                         | 3.50 gpm                            | 300 gpm                       |
| Source                                      | 1-1/4 inch pipe in<br>spring house. | Horizontal<br>collector pipe. |
| Date of sample                              | 10-19-70                            | 10-5-70                       |
| Temperature (°C)                            | 10                                  | 9                             |
| Silica (SiO <sub>2</sub> )                  | 15                                  | 14                            |
| Iron (Fe) (µg/l)                            | 10                                  | -                             |
| Manganese (Mn) (µg/l)                       | 0                                   | 0                             |
| Calcium (Ca)                                | 6.0                                 | 4.0                           |
| Magnesium (Mg)                              | 1.6                                 | 1.1                           |
| Sodium (Na)                                 | 7.9                                 | 7.3                           |
| Potassium (K)                               | .4                                  | .6                            |
| Bicarbonate (HCO <sub>3</sub> )             | 20                                  | 14                            |
| Carbonate (CO <sub>3</sub> )                | 0                                   | 0                             |
| Sulfate (SO <sub>4</sub> )                  | 7.5                                 | 4.5                           |
| Chloride (Cl)                               | 9.3                                 | 11                            |
| Fluoride (F)                                | .2                                  | .0                            |
| Nitrite (NO <sub>2</sub> )                  | .00                                 | .01                           |
| Nitrate (NO <sub>3</sub> )                  | 1.2                                 | 1.3                           |
| Ammonia (NH <sub>4</sub> )                  | .01                                 | .06                           |
| Dissolved solids<br>(residue at 180°C)      | 59                                  | 51                            |
| Hardness (Ca,Mg)                            | 22                                  | 14                            |
| Noncarbonate hardness                       | 5                                   | 3                             |
| Color                                       | 0                                   | 3                             |
| Specific conductance<br>(micromhos at 25°C) | 86                                  | 67                            |
| pH                                          | 6.9                                 | 6.7                           |



Table 5.--Records available in other reports at gaging stations and at partial-record stations

| Station number          | Station name                                          | Location<br>(See plate 1.)                                                                                                                                                                                       | Drainage area<br>(mi <sup>2</sup> ) | Records available                                                    | Remarks                                                                                                                                                                                                                                | Source of information<br>(See references.)                                                                                                                                      |
|-------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gaging Stations         |                                                       |                                                                                                                                                                                                                  |                                     |                                                                      |                                                                                                                                                                                                                                        |                                                                                                                                                                                 |
| 01105660                | Bound Brook near Cohasset, Mass.                      | Lat 42°12'44", long 70°49'18", Norfolk County, on right bank at culvert on Doane Street, 2.2 miles southwest of Cohasset.                                                                                        | 4.88                                | August 1970-September 1971                                           | Low-flow discharge measurements made in 1969 and 1970 water years. No regulation or diversion.                                                                                                                                         | U.S. Geological Survey, 1970b, p. 251; 1971, p. 253; 1972, p. 78.                                                                                                               |
| 01105700                | Indian Head Brook near Hanson, Mass.                  | Lat 42°05'13", long 70°51'26", Plymouth County, on right bank 40 feet upstream from bridge on Washington Street, 0.3 mile upstream from mouth and 1.5 miles northeast of Hanson.                                 | 4.39                                | July 1958-September 1960                                             | Some regulation by ponds above station.                                                                                                                                                                                                | U.S. Geological Survey, 1964, p. 140.                                                                                                                                           |
| 01105730                | Indian Head River at Hanover, Mass.                   | Lat 42°06'02", long 70°49'23", Plymouth County, at Elm Street bridge, 1 mile southwest of Hanover.                                                                                                               | 30.3                                | August 1966-                                                         | Some regulation by mills and by Wampatuck, Indian Head, Maquan, and other ponds above station. Specific conductance and temperature records available for 1971 water year.                                                             | U.S. Geological Survey, 1967, p. 79; 1968, p. 78; 1969a, p. 78; 1970b, p. 83; 1971, p. 82; 1972, p. 79; 1973, p. 80; 1974, p. 84; 1975, in preparation.                         |
| 01105800                | Pudding Brook at East Pembroke, Mass.                 | Lat 42°05'13", long 70°45'28", Plymouth County, on left bank 300 feet upstream from Spring Street, 500 feet downstream from Randall Pond, 0.6 mile northeast of East Pembroke and 3 miles northeast of Pembroke. | 1.38                                | July 1958-September 1962                                             | Flow regulated by Randall Pond. See table 6 for discharge measurements made in 1969-71 water years.                                                                                                                                    | U.S. Geological Survey, 1964, p. 141.                                                                                                                                           |
| 01105870                | Jones River at Kingston, Mass.                        | Lat 41°59'27", long 70°44'03", Plymouth County, on left bank 100 feet downstream from Elm Street bridge, at Kingston, 2.8 miles upstream from mouth.                                                             | 15.8*                               | August 1966-                                                         | Flow regulated by pond above station. Flow affected at times during spring of 1968 and 1969 by wastage from 4.09 square miles above outlet of Silver Lake. Specific conductance and temperature records available for 1971 water year. | U.S. Geological Survey, 1967, p. 80; 1968, p. 79; 1969a, p. 79; 1970b, p. 84; 1971, p. 83; 1972, p. 80; 1973, p. 81; 1974, p. 85; 1975 in preparation.                          |
| Partial-record Stations |                                                       |                                                                                                                                                                                                                  |                                     |                                                                      |                                                                                                                                                                                                                                        |                                                                                                                                                                                 |
| 01105627                | Plymouth River near East Weymouth, Mass.              | Lat 42°11'54", long 70°54'19", Norfolk County, at Plymouth River Road bridge, 1.5 miles southeast of East Weymouth, Mass.                                                                                        | 2.86                                | Miscellaneous discharge measurements, water years 1959 and 1960.     |                                                                                                                                                                                                                                        | U.S. Geological Survey, 1960, p. 269; 1961, p. 279.                                                                                                                             |
| 01105698                | Indian Head Brook at Hanson, Mass.                    | Lat 42°03'54", long 70°51'55", Plymouth County, at Liberty Street bridge, 100 feet below outlet of Wampatuck Pond, 1 mile southeast of Hanson, Mass.                                                             | 2.56                                | Miscellaneous discharge measurements, water years 1958-60.           |                                                                                                                                                                                                                                        | Petersen, 1962, p. 45.                                                                                                                                                          |
| 01105700                | Indian Head Brook near Hanson, Mass.                  | Lat 42°05'13", long 70°51'26", Plymouth County, at bridge on Washington Street, 0.3 mile above mouth, and 1.5 miles northeast of Hanson, Mass.                                                                   | 4.39                                | Miscellaneous discharge measurement, water year 1965.                |                                                                                                                                                                                                                                        | U.S. Geological Survey, 1966, p. 247.                                                                                                                                           |
| 01105770                | Herring Brook at Pembroke, Mass.                      | Lat 42°03'43", long 70°48'09", Plymouth County, at culvert on Mountain Avenue, 0.8 mile southeast of Pembroke, Mass.                                                                                             | 5.48                                | Miscellaneous discharge measurements, water years 1958-60, and 1965. | See table 6 for discharge measurements made in 1969-71 water years.                                                                                                                                                                    | Petersen, 1962, p. 45; U.S. Geological Survey, 1966, p. 247.                                                                                                                    |
| 01105805                | Pudding Brook at North Pembroke, Mass.                | Lat 42°05'25", long 70°47'32", Plymouth County, at culvert on State Highway 53, at North Pembroke, Mass.                                                                                                         | 4.53                                | Miscellaneous discharge measurements, water years 1958-60.           | See table 6 for discharge measurements made in 1969-71 water years.                                                                                                                                                                    | Petersen, 1962, p. 45.                                                                                                                                                          |
| 01105850                | Furnace Brook near Marshfield, Mass.                  | Lat 42°06'30", long 70°43'53", Plymouth County, at culvert on Furnace Street, 1.7 miles northwest of Marshfield, Mass.                                                                                           | 1.61                                | Annual maximum discharge, water years 1964-                          |                                                                                                                                                                                                                                        | U.S. Geological Survey, 1967, p. 249; 1968, p. 249; 1969a, p. 249; 1969b, p. 1013; 1970b, p. 255; 1971, p. 255; 1972, p. 258; 1973, p. 254; 1974, p. 260; 1975, in preparation. |
| 01105856                | Jones River at outlet of Silver Lake, Kingston, Mass. | Lat 42°00'49", long 70°47'39", Plymouth County, at outlet of Silver Lake, 3.5 miles northwest of Kingston, Mass.                                                                                                 | 4.09                                | Miscellaneous discharge measurement, water year 1965.                |                                                                                                                                                                                                                                        | U.S. Geological Survey, 1966, p. 247.                                                                                                                                           |
| 01105858                | Pine Brook near Silver Lake, Mass.                    | Lat 42°00'49", long 70°46'14", Plymouth County, 75 feet below bridge on State Highway 27, 1.5 miles northeast of Silver Lake, Mass.                                                                              | 3.14                                | Miscellaneous discharge measurements, water years 1958-60.           |                                                                                                                                                                                                                                        | Petersen, 1962, p. 46.                                                                                                                                                          |
| 01105860                | Jones River Brook near Plympton, Mass.                | Lat 41°59'18", long 70°48'10", Plymouth County, at culvert on State Highway 106, 2.3 miles north of Plympton, Mass.                                                                                              | 3.60                                | Miscellaneous discharge measurement, water year 1965.                |                                                                                                                                                                                                                                        | U.S. Geological Survey, 1966, p. 247.                                                                                                                                           |
| 01105862                | Jones River near Kingston, Mass.                      | Lat 41°59'53", long 70°46'23", Plymouth County, at culvert on private road 2 miles west of Kingston, Mass.                                                                                                       | 10.6*                               | Miscellaneous discharge measurement, water year 1965.                |                                                                                                                                                                                                                                        | U.S. Geological Survey, 1966, p. 247.                                                                                                                                           |

\*Excludes 4.09 square miles above outlet of Silver Lake from which flow is diverted for municipal supply of Brockton, Whitman, and Hanson.

Table 6.--Discharge, specific conductance, and water-temperature measurements at partial-record stations during water years 1969-71

(Chemical analyses in table 8 for dates marked by asterisk.)

| Station name and number                                     | Location<br>(See plate 1.)                                                                                                                   | Drainage area<br>(mi <sup>2</sup> ) | Measurements |                                   |                                             |                           |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|-----------------------------------|---------------------------------------------|---------------------------|
|                                                             |                                                                                                                                              |                                     | Date         | Discharge<br>(ft <sup>3</sup> /s) | Specific conductance<br>(micromhos at 25°C) | Water temperature<br>(°C) |
| Crooked Meadow River near Hingham Center, Mass.<br>01105630 | Lat 42°12'53", long 70°53'06", Plymouth County, at culvert on Main St., 1.3 miles south of Hingham Center, Mass.                             | 5.00                                | 9-23-69      | 1.70                              | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 10-15-69*    | 1.45                              | --                                          | 14                        |
|                                                             |                                                                                                                                              |                                     | 4-28-70      | --                                | 181                                         | 17                        |
|                                                             |                                                                                                                                              |                                     | 6-16-70      | --                                | 174                                         | 20.3                      |
|                                                             |                                                                                                                                              |                                     | 7-22-70      | 1.05                              | 190                                         | 24                        |
|                                                             |                                                                                                                                              |                                     | 8-26-70      | --                                | 170                                         | 20.5                      |
|                                                             |                                                                                                                                              |                                     | 9-11-70*     | .77                               | 180                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 10-12-70     | .85                               | 185                                         | 15.5                      |
|                                                             |                                                                                                                                              |                                     | 11-24-70*    | --                                | 170                                         | 6.0                       |
|                                                             |                                                                                                                                              |                                     | 1-22-71      | --                                | 250                                         | 0                         |
|                                                             |                                                                                                                                              |                                     | 3-15-71      | --                                | 210                                         | 3.0                       |
|                                                             |                                                                                                                                              |                                     | 4- 5-71*     | --                                | 200                                         | 9.5                       |
|                                                             |                                                                                                                                              |                                     | 7- 9-71      | .51                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     |              |                                   |                                             |                           |
| Accord Brook near Hingham, Mass.<br>01105635                | Lat 42°12'14", long 70°51'49", Plymouth County, 0.9 mile downstream from Prospect Street bridge and 3 miles southeast of Hingham, Mass.      | 3.68                                | 7-20-70      | .70                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 7-30-70      | 2.26                              | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 8-25-70      | 1.09                              | 158                                         | 18                        |
|                                                             |                                                                                                                                              |                                     | 9- 9-70      | .11                               | 160                                         | 12                        |
|                                                             |                                                                                                                                              |                                     | 10- 8-70     | .19                               | 155                                         | 14                        |
|                                                             |                                                                                                                                              |                                     | 10-26-70     | 2.48                              | 180                                         | 12                        |
|                                                             |                                                                                                                                              |                                     | 11- 6-70     | 7.49                              | 165                                         | 9.0                       |
|                                                             |                                                                                                                                              |                                     | 1-11-71      | 4.70                              | 170                                         | .5                        |
|                                                             |                                                                                                                                              |                                     | 2-11-71      | 7.44                              | 175                                         | .5                        |
|                                                             |                                                                                                                                              |                                     | 3-18-71      | 12.8                              | 126                                         | 2.5                       |
|                                                             |                                                                                                                                              |                                     | 4- 5-71*     | 5.70                              | 134                                         | 6.5                       |
|                                                             |                                                                                                                                              |                                     | 5- 5-71      | 11.7                              | 135                                         | 10                        |
|                                                             |                                                                                                                                              |                                     | 5-17-71      | 18.0                              | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 6-14-71      | 8.34                              | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 7- 8-71      | .15                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 8- 9-71      | .05                               | 150                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 9-16-71      | .06                               | --                                          | --                        |
| Weir River, near Hingham, Mass.<br>01105640                 | Lat 42°14'31", long 70°51'36", Plymouth County, at culvert on macadam road, 0.3 mile above Foundry Pond and 1.5 miles east of Hingham, Mass. | 14.6                                | 9-17-69      | 1.18                              | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 10-15-69*    | 1.94                              | --                                          | 11                        |
|                                                             |                                                                                                                                              |                                     | 4-28-70      | --                                | 160                                         | 16                        |
|                                                             |                                                                                                                                              |                                     | 6-16-70      | --                                | 158                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 7-20-70      | 2.23                              | 170                                         | 24                        |
|                                                             |                                                                                                                                              |                                     | 8-26-70      | --                                | 175                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 9-11-70*     | 1.11                              | 190                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 10-12-70     | 1.05                              | 100                                         | 16.5                      |
|                                                             |                                                                                                                                              |                                     | 11-24-70*    | --                                | 165                                         | 5.0                       |
|                                                             |                                                                                                                                              |                                     | 1-22-71      | --                                | 220                                         | 3.0                       |
|                                                             |                                                                                                                                              |                                     | 3-15-71      | --                                | 170                                         | 3.0                       |
|                                                             |                                                                                                                                              |                                     | 4- 5-71*     | --                                | 180                                         | 8.5                       |
|                                                             |                                                                                                                                              |                                     | 7- 9-71      | .82                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     |              |                                   |                                             |                           |
| Cushing Brook at West Hanover, Mass.<br>01105680            | Lat 42°07'05", long 70°52'48", Plymouth County, at culvert on State Highway 139, at West Hanover, Mass.                                      | 4.28                                | 9-23-69      | .95                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 10-15-69*    | 1.04                              | --                                          | 13                        |
|                                                             |                                                                                                                                              |                                     | 4-28-70      | --                                | 184                                         | 12.5                      |
|                                                             |                                                                                                                                              |                                     | 6-15-70      | --                                | 165                                         | 21                        |
|                                                             |                                                                                                                                              |                                     | 7-22-70      | 1.47                              | 170                                         | 23                        |
|                                                             |                                                                                                                                              |                                     | 8-26-70      | --                                | 175                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 9-14-70*     | .09                               | 205                                         | 15                        |
|                                                             |                                                                                                                                              |                                     | 10-13-70     | .16                               | 187                                         | 16.5                      |
|                                                             |                                                                                                                                              |                                     | 11-25-70*    | --                                | 220                                         | 2.0                       |
|                                                             |                                                                                                                                              |                                     | 1-22-71      | --                                | 270                                         | .5                        |
|                                                             |                                                                                                                                              |                                     | 3-15-71      | --                                | 225                                         | 3.5                       |
|                                                             |                                                                                                                                              |                                     | 4- 6-71*     | --                                | 210                                         | 7.0                       |
|                                                             |                                                                                                                                              |                                     | 7- 9-71      | .24                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     |              |                                   |                                             |                           |
| French Stream near Rockland, Mass.<br>01105690              | Lat 42°06'33", long 70°54'35", Plymouth County, at culvert on Summer St., 1.3 miles south of Rockland, Mass.                                 | 4.99                                | 9-17-69      | 2.46                              | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 10-15-69*    | 2.70                              | --                                          | 16                        |
|                                                             |                                                                                                                                              |                                     | 4-28-70      | --                                | 234                                         | 15                        |
|                                                             |                                                                                                                                              |                                     | 6-15-70      | --                                | 240                                         | 23.5                      |
|                                                             |                                                                                                                                              |                                     | 7-23-70      | .72                               | 340                                         | 20                        |
|                                                             |                                                                                                                                              |                                     | 8-26-70      | --                                | 340                                         | 21                        |
|                                                             |                                                                                                                                              |                                     | 9-14-70*     | .92                               | 350                                         | 17                        |
|                                                             |                                                                                                                                              |                                     | 10-13-70     | 1.47                              | 350                                         | 18                        |
|                                                             |                                                                                                                                              |                                     | 11-25-70*    | --                                | 260                                         | 3.0                       |
|                                                             |                                                                                                                                              |                                     | 4- 6-71*     | --                                | 270                                         | 8.0                       |
|                                                             |                                                                                                                                              |                                     |              |                                   |                                             |                           |
| Indian Head Brook near Hanson, Mass.<br>01105700            | Lat 42°05'13", long 70°51'26", Plymouth County, at bridge on Washington St., 0.3 mile above mouth, and 1.5 miles northeast of Hanson, Mass.  | 4.39                                | 9-17-69      | .70                               | --                                          | --                        |
|                                                             |                                                                                                                                              |                                     | 10-15-69*    | .81                               | --                                          | 12                        |
|                                                             |                                                                                                                                              |                                     | 4-28-70      | --                                | 156                                         | 13.5                      |
|                                                             |                                                                                                                                              |                                     | 6-15-70      | --                                | 164                                         | 19.3                      |
|                                                             |                                                                                                                                              |                                     | 7-22-70      | .61                               | 148                                         | 19                        |
|                                                             |                                                                                                                                              |                                     | 8-26-70      | --                                | 195                                         | 17.5                      |
|                                                             |                                                                                                                                              |                                     | 9-14-70*     | .45                               | 140                                         | 14                        |
|                                                             |                                                                                                                                              |                                     |              |                                   |                                             |                           |

Table 6.--Discharge, specific conductance, and water-temperature measurements at partial-record stations during water years 1969-71 (Continued)

| Station name and number                                     | Location<br>(See plate 1.)                                                                                             | Drainage area<br>(mi <sup>2</sup> ) | Measurements |                                   |                                             |                           |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|-----------------------------------|---------------------------------------------|---------------------------|
|                                                             |                                                                                                                        |                                     | Date         | Discharge<br>(ft <sup>3</sup> /s) | Specific conductance<br>(micromhos at 25°C) | Water temperature<br>(°C) |
| Indian Head Brook near Hanson, Mass.<br>01105700--Continued |                                                                                                                        |                                     | 10-13-70     | 0.51                              | 165                                         | 15                        |
|                                                             |                                                                                                                        |                                     | 11-24-70*    | --                                | 185                                         | 5.5                       |
|                                                             |                                                                                                                        |                                     | 1-22-71      | --                                | 195                                         | 0                         |
|                                                             |                                                                                                                        |                                     | 3-15-71      | --                                | 160                                         | 5.0                       |
|                                                             |                                                                                                                        |                                     | 4- 6-71*     | --                                | 190                                         | 8.0                       |
|                                                             |                                                                                                                        |                                     | 7- 9-71      | .67                               | --                                          | --                        |
| Herring Brook at Pembroke, Mass.<br>01105770                | Lat 42°03'43", long 70°48'09", Plymouth County, at culvert on Mountain Ave., 0.8 mile southeast of Pembroke, Mass.     | 5.48                                | 9-17-69      | 1.42                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 10-15-69*    | 1.49                              | --                                          | 16                        |
|                                                             |                                                                                                                        |                                     | 4-27-70      | --                                | 98                                          | 15.5                      |
|                                                             |                                                                                                                        |                                     | 6-15-70      | --                                | 104                                         | 23.8                      |
|                                                             |                                                                                                                        |                                     | 7-22-70      | 1.68                              | 110                                         | 21                        |
|                                                             |                                                                                                                        |                                     | 8-26-70      | --                                | 108                                         | 20                        |
|                                                             |                                                                                                                        |                                     | 9-14-70*     | 1.06                              | 110                                         | 15                        |
|                                                             |                                                                                                                        |                                     | 10-13-70     | 1.07                              | 115                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 11-24-70*    | --                                | 99                                          | 6.0                       |
|                                                             |                                                                                                                        |                                     | 1-22-71      | --                                | 122                                         | .5                        |
|                                                             |                                                                                                                        |                                     | 3-15-71      | --                                | 100                                         | 7.0                       |
|                                                             |                                                                                                                        |                                     | 4- 6-71*     | --                                | 101                                         | 8.5                       |
|                                                             |                                                                                                                        |                                     | 7- 9-71      | .95                               | --                                          | --                        |
| Pudding Brook at North Pembroke, Mass.<br>01105805          | Lat 42°05'25", long 70°47'32", Plymouth County, at culvert on State Highway 53, at North Pembroke, Mass.               | 4.53                                | 9-17-69      | 2.56                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 10-15-69*    | 6.57                              | --                                          | 15                        |
|                                                             |                                                                                                                        |                                     | 4-27-70      | --                                | 108                                         | 14                        |
|                                                             |                                                                                                                        |                                     | 6-15-70      | --                                | 106                                         | 23                        |
|                                                             |                                                                                                                        |                                     | 7-22-70      | .18                               | 105                                         | 23                        |
|                                                             |                                                                                                                        |                                     | 8-26-70      | --                                | 110                                         | 19.5                      |
|                                                             |                                                                                                                        |                                     | 9-11-70*     | .34                               | 108                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 10-12-70     | .96                               | 110                                         | 16                        |
|                                                             |                                                                                                                        |                                     | 11-24-70*    | --                                | 102                                         | 5.5                       |
|                                                             |                                                                                                                        |                                     | 1-22-71      | --                                | 150                                         | 0                         |
|                                                             |                                                                                                                        |                                     | 3-15-71      | --                                | 106                                         | 6.0                       |
|                                                             |                                                                                                                        |                                     | 4- 6-71*     | --                                | 110                                         | 9.5                       |
|                                                             |                                                                                                                        |                                     |              |                                   |                                             |                           |
| Third Herring Brook at Hanover, Mass.<br>01105810           | Lat 42°07'01", long 70°48'35", Plymouth County, at culvert on River St., 0.5 mile northeast of Hanover, Mass.          | 9.85                                | 9-17-69      | 2.10                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 10-15-69*    | 2.37                              | --                                          | 13                        |
|                                                             |                                                                                                                        |                                     | 4-27-70      | --                                | 204                                         | 14.5                      |
|                                                             |                                                                                                                        |                                     | 6-15-70      | --                                | 201                                         | 21                        |
|                                                             |                                                                                                                        |                                     | 7-22-70      | .76                               | 230                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 8-26-70      | --                                | 220                                         | 18.5                      |
|                                                             |                                                                                                                        |                                     | 9-11-70*     | .34                               | 225                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 10-13-70     | .54                               | 210                                         | 15                        |
|                                                             |                                                                                                                        |                                     | 11-24-70*    | --                                | 230                                         | 5.5                       |
|                                                             |                                                                                                                        |                                     | 1-22-71      | --                                | 310                                         | .5                        |
|                                                             |                                                                                                                        |                                     | 3-15-71      | --                                | 245                                         | 3.5                       |
|                                                             |                                                                                                                        |                                     | 4- 5-71*     | --                                | 240                                         | 9.0                       |
|                                                             |                                                                                                                        |                                     | 7- 9-71      | .60                               | --                                          | --                        |
| Second Herring Brook at Norwell, Mass.<br>01105820          | Lat 42°09'36", long 70°47'20", Plymouth County, at culvert on State Highway 123, at Norwell, Mass.                     | 3.22                                | 9-17-69      | .61                               | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 10-15-69*    | .66                               | --                                          | 13                        |
|                                                             |                                                                                                                        |                                     | 4-28-70      | --                                | 154                                         | 16                        |
|                                                             |                                                                                                                        |                                     | 6-15-70      | --                                | 144                                         | 21                        |
|                                                             |                                                                                                                        |                                     | 7-20-70      | .38                               | 180                                         | 18                        |
|                                                             |                                                                                                                        |                                     | 8-26-70      | --                                | 140                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 9-11-70*     | .32                               | 170                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 10-12-70     | .26                               | 185                                         | 17                        |
|                                                             |                                                                                                                        |                                     | 11-24-70*    | --                                | 162                                         | 5.5                       |
|                                                             |                                                                                                                        |                                     | 1-22-71      | --                                | 205                                         | 0                         |
|                                                             |                                                                                                                        |                                     | 3-15-71      | --                                | 175                                         | 2.5                       |
|                                                             |                                                                                                                        |                                     | 4- 5-71*     | --                                | 180                                         | 9.0                       |
|                                                             |                                                                                                                        |                                     | 7- 9-71      | 2.06                              | --                                          | --                        |
| First Herring Brook near Scituate Center, Mass.<br>01105830 | Lat 42°11'30", long 70°46'49", Plymouth County, at culvert on Grove St., 1.2 miles southwest of Scituate Center, Mass. | 1.72                                | 9-17-69      | .20                               | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 10-15-69*    | .28                               | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 7-20-70      | .18                               | 123                                         | 19                        |
|                                                             |                                                                                                                        |                                     | 9-11-70*     | .05                               | 140                                         | 17                        |
|                                                             |                                                                                                                        |                                     | 10-12-70     | .06                               | 165                                         | 15                        |
|                                                             |                                                                                                                        |                                     | 2- 9-71      | 11.3                              | 160                                         | 0                         |
|                                                             |                                                                                                                        |                                     | 2-25-71      | 8.59                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 3-10-71      | 6.13                              | 155                                         | 1.0                       |
|                                                             |                                                                                                                        |                                     | 4- 5-71*     | 2.82                              | --                                          | 7.5                       |
|                                                             |                                                                                                                        |                                     | 5- 5-71      | 5.44                              | 145                                         | 9.0                       |
|                                                             |                                                                                                                        |                                     | 5-14-71      | 6.50                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 5-17-71      | 11.7                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 6- 2-71      | 3.61                              | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 7- 8-71      | .04                               | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 8- 9-71      | .04                               | --                                          | --                        |
|                                                             |                                                                                                                        |                                     | 9-16-71      | .01                               | --                                          | --                        |



Table 6.--Discharge, specific conductance, and water-temperature measurements at partial-record stations during water years 1969-71 (Continued)

| Station name and number                                         | Location<br>(See plate 1.)                                                                                                    | Drainage area<br>(mi <sup>2</sup> ) | Measurements |                                   |                                             |                           |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|-----------------------------------|---------------------------------------------|---------------------------|
|                                                                 |                                                                                                                               |                                     | Date         | Discharge<br>(ft <sup>3</sup> /s) | Specific conductance<br>(micromhos at 25°C) | Water temperature<br>(°C) |
| South River at Marshfield, Mass.<br>01105845                    | Lat 42°05'32", long 70°43'50", Plymouth County, at culvert on Old Ocean St., 0.8 mile west of Marshfield, Mass.               | 7.5                                 | 9-23-69      | 3.44                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     | 10-16-69*    | 2.55                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     | 4-28-70      | --                                | 123                                         | 16                        |
|                                                                 |                                                                                                                               |                                     | 6-16-70      | --                                | 121                                         | 19                        |
|                                                                 |                                                                                                                               |                                     | 7-23-70      | 2.52                              | 130                                         | 25                        |
|                                                                 |                                                                                                                               |                                     | 8-26-70      | --                                | 144                                         | 21                        |
|                                                                 |                                                                                                                               |                                     | 9-11-70*     | 3.85                              | 130                                         | 19                        |
|                                                                 |                                                                                                                               |                                     | 10-12-70     | 2.57                              | 148                                         | 17                        |
|                                                                 |                                                                                                                               |                                     | 11-24-70*    | --                                | 124                                         | 5.5                       |
|                                                                 |                                                                                                                               |                                     | 1-22-71      | --                                | 175                                         | 0                         |
|                                                                 |                                                                                                                               |                                     | 3-15-71      | --                                | 122                                         | 3.5                       |
|                                                                 |                                                                                                                               |                                     | 4- 6-71*     | --                                | 125                                         | 11                        |
|                                                                 |                                                                                                                               |                                     | 7- 9-71      | 2.14                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     |              |                                   |                                             |                           |
| Furnace Brook at School St., near Marshfield, Mass.<br>01105848 | Lat 42°07'06", long 70°44'34", Plymouth County, at School St. culvert, 3 miles northwest of Marshfield, Mass.                 | .94                                 | 4-28-70      | --                                | 133                                         | 12.5                      |
|                                                                 |                                                                                                                               |                                     | 6-16-70      | --                                | 140                                         | 14                        |
|                                                                 |                                                                                                                               |                                     | 8- 5-70      | .02                               | 195                                         | 18                        |
|                                                                 |                                                                                                                               |                                     | 9-11-70*     | --                                | 200                                         | 16.5                      |
|                                                                 |                                                                                                                               |                                     | 10-12-70     | .04                               | 195                                         | 15                        |
|                                                                 |                                                                                                                               |                                     | 11-24-70*    | --                                | 146                                         | 5.5                       |
|                                                                 |                                                                                                                               |                                     | 1-22-71      | --                                | 185                                         | 0                         |
|                                                                 |                                                                                                                               |                                     | 3-15-71      | --                                | 136                                         | 2.0                       |
|                                                                 |                                                                                                                               |                                     | 4- 5-71*     | --                                | 165                                         | 7.0                       |
|                                                                 |                                                                                                                               |                                     |              |                                   |                                             |                           |
| Jones River Brook near Plympton, Mass.<br>01105860              | Lat 41°59'18", long 70°48'10", Plymouth County, at culvert on State Highway 106, 2.3 miles north of Plympton, Mass.           | 3.60                                | 9-17-69      | 1.42                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     | 10-16-69*    | 1.40                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     | 4-27-70      | --                                | 56                                          | 16.5                      |
|                                                                 |                                                                                                                               |                                     | 6-12-70      | --                                | 59                                          | 19                        |
|                                                                 |                                                                                                                               |                                     | 7-23-70      | 1.45                              | 68                                          | 20                        |
|                                                                 |                                                                                                                               |                                     | 8-26-70      | --                                | 70                                          | 20                        |
|                                                                 |                                                                                                                               |                                     | 9-14-70*     | .63                               | 67                                          | 16.5                      |
|                                                                 |                                                                                                                               |                                     | 10-14-70     | 1.25                              | 71                                          | 17                        |
|                                                                 |                                                                                                                               |                                     | 11-24-70*    | --                                | 63                                          | 5.0                       |
|                                                                 |                                                                                                                               |                                     | 1-22-71      | --                                | 80                                          | .5                        |
|                                                                 |                                                                                                                               |                                     | 3-15-71      | --                                | 57                                          | 4.0                       |
|                                                                 |                                                                                                                               |                                     | 4- 5-71*     | --                                | 59                                          | 9.0                       |
|                                                                 |                                                                                                                               |                                     | 7-12-71      | 1.04                              | --                                          | --                        |
| Halls Brook at Kingston, Mass.<br>01105872                      | Lat 41°59'57", long 70°43'56", Plymouth County, 600 feet above culvert on State Highway 3A, 0.4 mile north of Kingston, Mass. | 4.2                                 | 9-23-69      | 2.78                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     | 10-16-69*    | 1.99                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     | 4-28-70      | --                                | 153                                         | 14                        |
|                                                                 |                                                                                                                               |                                     | 6-12-70      | --                                | 157                                         | 20                        |
|                                                                 |                                                                                                                               |                                     | 7-23-70      | 2.44                              | 175                                         | 23                        |
|                                                                 |                                                                                                                               |                                     | 8-26-70      | --                                | 165                                         | 22                        |
|                                                                 |                                                                                                                               |                                     | 9-14-70*     | 1.49                              | 165                                         | 18                        |
|                                                                 |                                                                                                                               |                                     | 10-14-70     | 1.91                              | 190                                         | 18                        |
|                                                                 |                                                                                                                               |                                     | 11-24-70*    | --                                | 134                                         | 5.5                       |
|                                                                 |                                                                                                                               |                                     | 3-15-71      | --                                | 130                                         | 3.0                       |
|                                                                 |                                                                                                                               |                                     | 4- 5-71*     | --                                | 150                                         | 8.0                       |
|                                                                 |                                                                                                                               |                                     | 7-12-71      | 1.85                              | --                                          | --                        |
|                                                                 |                                                                                                                               |                                     |              |                                   |                                             |                           |

Table 7.--Partial chemical analyses of ponds and reservoirs

(Analyses by Massachusetts Department of Public Health. Analyses in milligrams per litre except as indicated. Samples taken at municipal water supply pump houses or intakes.)

|                                             | Cohasset<br>Lilly Pond | Hingham<br>Accord Pond | Pembroke<br>Big Sandy<br>Bottom Pond | Pembroke<br>Silver Lake | Scituate<br>Old Oaken<br>Bucket Pond |
|---------------------------------------------|------------------------|------------------------|--------------------------------------|-------------------------|--------------------------------------|
| Sample number                               | 495863                 | 485769 499849          | 491758 500669                        | 503379                  | 502395                               |
| Date of sample                              | 8-20-69                | 2-6-67 3-11-70         | 1-13-69 4-21-70                      | 8-12-70                 | 7-3-70                               |
| Silica (SiO <sub>2</sub> )                  | -                      | 2.0 -                  | 6.1 -                                | -                       | -                                    |
| Iron (Fe) (µg/l)                            | 1200                   | 260 100                | 400 70                               | 130                     | 2800                                 |
| Manganese (Mn) (µg/l)                       | 20                     | 40 20                  | 40 0                                 | 320                     | 300                                  |
| Calcium (Ca)                                | -                      | 4.8 -                  | 6.4 -                                | -                       | -                                    |
| Magnesium (Mg)                              | -                      | 1.9 -                  | 2.9 -                                | -                       | -                                    |
| Sodium (Na)                                 | -                      | 12 -                   | 11 -                                 | 6                       | 22                                   |
| Potassium (K)                               | -                      | .7 -                   | 1.6 -                                | -                       | -                                    |
| Alkalinity                                  | 10                     | - 2                    | - 7                                  | 4                       | 5                                    |
| Sulfate (SO <sub>4</sub> )                  | -                      | 15 -                   | 17 -                                 | -                       | -                                    |
| Chloride (Cl)                               | 30                     | 25 25                  | 31 32                                | 15                      | 53                                   |
| Nitrate (NO <sub>3</sub> )                  | .0                     | .0 .3                  | .4 .0                                | .0                      | .1                                   |
| Hardness (Ca,Mg)                            | 24                     | 20 26                  | 28 22                                | 18                      | 28                                   |
| Specific conductance<br>(micromhos at 25°C) | -                      | 120 -                  | 136 -                                | -                       | -                                    |
| pH                                          | 6.2                    | 6.2 5.8                | 6.3 6.6                              | 5.8                     | 6.0                                  |
| Color                                       | 90                     | 12 5                   | 10 25                                | 7                       | 250                                  |

TABLE 8. -- CHEMICAL ANALYSES OF SAMPLES FROM STREAMS AT GAGING AND PARTIAL-RECORD STATIONS BY THE U.S. GEOLOGICAL SURVEY

| DATE                                                                                   | DIS-<br>CHARGE<br>(FT <sup>3</sup> /S) | SILICA<br>(SiO <sub>2</sub> )<br>(MG/L) | DIS-<br>SOLVED<br>IRON<br>(FE)<br>(UG/L) | DIS-<br>SOLVED<br>MAN-<br>GANESE<br>(MN)<br>(UG/L) | DIS-<br>SOLVED<br>CAL-<br>CIUM<br>(CA)<br>(MG/L) | DIS-<br>SOLVED<br>MAGNE-<br>SIUM<br>(MG) | SODIUM<br>(NA)<br>(MG/L) | POTAS-<br>SIUM<br>(K)<br>(MG/L) | AMMONIA<br>(NH <sub>4</sub> )<br>(MG/L) | BICAR-<br>BONATE<br>(HCO <sub>3</sub> )<br>(MG/L) | SULFATE<br>(SO <sub>4</sub> )<br>(MG/L) | CHLO-<br>RIDE<br>(CL)<br>(MG/L) |
|----------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------------|----------------------------------------------------|--------------------------------------------------|------------------------------------------|--------------------------|---------------------------------|-----------------------------------------|---------------------------------------------------|-----------------------------------------|---------------------------------|
| 01105630 - CROOKED MEADOW RIVER NEAR HINGHAM CENTER MASS (LAT 42 12 53 LONG 070 53 06) |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 1.4                                    | 6.7                                     | 250                                      | 50                                                 | 9.1                                              | 3.1                                      | 20                       | 1.7                             | --                                      | 18                                                | 20                                      | 35                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | .77                                    | 6.6                                     | --                                       | --                                                 | 9.0                                              | 2.8                                      | 18                       | 1.6                             | .20                                     | 20                                                | 18                                      | 28                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 10                                      | 140                                      | 60                                                 | 9.2                                              | 3.0                                      | 18                       | 1.6                             | .20                                     | 12                                                | 21                                      | 32                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 4.7                                     | 170                                      | 40                                                 | 8.3                                              | 2.7                                      | 22                       | 1.7                             | .15                                     | 12                                                | 17                                      | 36                              |
| 01105635 - ACCORD BROOK NEAR HINGHAM MASS (LAT 42 12 15 LONG 070 51 51)                |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 21...                                                                                  | .37                                    | 10                                      | --                                       | --                                                 | 11                                               | 3.0                                      | 13                       | 1.0                             | .24                                     | 18                                                | 14                                      | 24                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 30...                                                                                  | 2.4                                    | 9.7                                     | 300                                      | 60                                                 | 9.0                                              | 3.0                                      | 14                       | .9                              | .23                                     | 8                                                 | 23                                      | 24                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | 4.0                                    | 6.6                                     | 300                                      | 70                                                 | 6.2                                              | 2.2                                      | 12                       | .8                              | .24                                     | 7                                                 | 17                                      | 22                              |
| 01105640 - WEIR RIVER NEAR HINGHAM MASS (LAT 42 14 31 LONG 070 51 36)                  |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 1.9                                    | 5.4                                     | 100                                      | 60                                                 | 11                                               | 3.4                                      | 18                       | 1.8                             | --                                      | 22                                                | 23                                      | 31                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | 1.1                                    | 4.4                                     | --                                       | --                                                 | 12                                               | 3.5                                      | 16                       | 1.9                             | .13                                     | 28                                                | 21                                      | 26                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 10                                      | 200                                      | 110                                                | 9.3                                              | 3.3                                      | 14                       | 1.4                             | .20                                     | 12                                                | 26                                      | 26                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 5.0                                     | 130                                      | 90                                                 | 9.0                                              | 2.7                                      | 17                       | 1.6                             | .14                                     | 12                                                | 19                                      | 30                              |
| 01105660 - BOUND BROCK NR CCHASSET MASS (LAT 42 12 44 LONG 070 49 18)                  |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | .34                                    | 13                                      | 1920                                     | 1000                                               | 4.8                                              | 2.0                                      | 12                       | 1.2                             | --                                      | 14                                                | 15                                      | 20                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 21...                                                                                  | .37                                    | 10                                      | --                                       | --                                                 | 4.0                                              | 1.7                                      | 10                       | 1.2                             | .61                                     | 10                                                | 14                                      | 17                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 30...                                                                                  | 6.3                                    | 9.4                                     | 830                                      | 290                                                | 4.5                                              | 1.8                                      | 11                       | .7                              | .40                                     | 8                                                 | 17                                      | 16                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | 8.1                                    | 2.2                                     | 470                                      | 150                                                | 3.8                                              | 1.7                                      | 12                       | .7                              | .24                                     | 3                                                 | 14                                      | 19                              |
| 01105680 - CUSHING BROOK AT WEST HANOVER MASS (LAT 42 07 05 LONG 070 52 48)            |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 1.0                                    | 11                                      | 320                                      | 100                                                | 5.9                                              | 1.6                                      | 17                       | 2.2                             | --                                      | 8                                                 | 12                                      | 34                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 14...                                                                                  | .09                                    | 19                                      | --                                       | --                                                 | 5.9                                              | 2.2                                      | 23                       | 2.2                             | 1.7                                     | 6                                                 | 19                                      | 46                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 25...                                                                                  | --                                     | 11                                      | 740                                      | 200                                                | 9.0                                              | 3.2                                      | 21                       | 2.1                             | .40                                     | 4                                                 | 33                                      | 28                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | --                                     | 2.5                                     | 540                                      | 80                                                 | 7.1                                              | 2.0                                      | 25                       | 2.1                             | .26                                     | 3                                                 | 21                                      | 44                              |
| 01105690 - FRENCH STREAM NEAR ROCKLAND MASS (LAT 42 06 33 LONG 070 54 35)              |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 2.7                                    | 4.6                                     | 140                                      | 80                                                 | 13                                               | 3.1                                      | 28                       | 3.0                             | --                                      | 34                                                | 20                                      | 43                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 14...                                                                                  | .92                                    | 9.2                                     | --                                       | --                                                 | 13                                               | 3.5                                      | 42                       | 3.9                             | .19                                     | 36                                                | 16                                      | 61                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 25...                                                                                  | --                                     | 7.6                                     | 100                                      | 650                                                | 14                                               | 4.0                                      | 25                       | 2.8                             | .09                                     | 20                                                | 27                                      | 39                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | --                                     | 7.5                                     | 420                                      | 350                                                | 13                                               | 3.4                                      | 29                       | 2.8                             | .86                                     | 25                                                | 20                                      | 48                              |
| 01105700 - INDIAN HEAD BROOK NEAR HANSON MASS (LAT 42 05 13 LONG 070 51 26)            |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | .81                                    | 13                                      | 760                                      | 90                                                 | 5.8                                              | 1.8                                      | 12                       | 1.4                             | --                                      | 14                                                | 12                                      | 23                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 14...                                                                                  | .45                                    | 11                                      | --                                       | --                                                 | 5.5                                              | 2.0                                      | 15                       | 1.0                             | .14                                     | 10                                                | 11                                      | 28                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 8.2                                     | 450                                      | 160                                                | 6.7                                              | 2.0                                      | 21                       | 1.1                             | .23                                     | 4                                                 | 16                                      | 36                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | --                                     | 3.5                                     | 270                                      | 70                                                 | 6.0                                              | 1.6                                      | 24                       | 1.0                             | .15                                     | 2                                                 | 11                                      | 41                              |



TABLE 8. -- CHEMICAL ANALYSES OF SAMPLES FROM STREAMS AT GAGING AND PARTIAL-RECORD STATIONS BY THE U.S. GEOLOGICAL SURVEY

| DATE                                                                                   | DIS-<br>SOLVED<br>FLUO-<br>RIDE<br>(F)<br>(MG/L) | NITRATE<br>(NO3)<br>(MG/L) | NITRITE<br>(NO2)<br>(MG/L) | DIS-<br>SOLVED<br>SOLIDS<br>(RESI-<br>DUE AT<br>180 C)<br>(MG/L) | DIS-<br>SOLVED<br>SOLIDS<br>(SUM OF<br>CONSTI-<br>TUENTS)<br>(MG/L) | HARD-<br>NESS<br>(CA, MG)<br>(MG/L) | NON-<br>CAR-<br>BONATE<br>HARD-<br>NESS<br>(MG/L) | ALKA-<br>LINITY<br>AS<br>CACO3<br>(MG/L) | SPECIFIC<br>CONDUCT-<br>ANCE,<br>(MICRO-<br>MHOS) | PH<br>(UNITS) | COLOR<br>(PLAT-<br>INUM-<br>COBALT<br>UNITS) | TEMP-<br>ERATURE<br>(DEG C) |
|----------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------|----------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|---------------------------------------------------|------------------------------------------|---------------------------------------------------|---------------|----------------------------------------------|-----------------------------|
| 01105630 - CROOKED MEADOW RIVER NEAR HINGHAM CENTER MASS (LAT 42 12 53 LONG 070 53 06) |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 15...                                                                                  | 0.1                                              | 0.1                        | 0.01                       | 110                                                              | 105                                                                 | 36                                  | 20                                                | 15                                       | 190                                               | 6.9           | 38                                           | 14.0                        |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 11...                                                                                  | .0                                               | 1.4                        | .04                        | --                                                               | 95                                                                  | 34                                  | 18                                                | 16                                       | 170                                               | 7.2           | 37                                           | 19.0                        |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 24...                                                                                  | .0                                               | 1.7                        | .03                        | --                                                               | 103                                                                 | 36                                  | 26                                                | 10                                       | 170                                               | 6.9           | 55                                           | 6.0                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 05...                                                                                  | .1                                               | 2.8                        | .02                        | --                                                               | 101                                                                 | 32                                  | 22                                                | 10                                       | 192                                               | 6.6           | 35                                           | 9.5                         |
| 01105635 - ACCORD BROOK NEAR HINGHAM MASS (LAT 42 12 15 LONG 070 51 51)                |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 21...                                                                                  | .0                                               | 1.5                        | .03                        | --                                                               | 86                                                                  | 10                                  | 25                                                | 15                                       | 146                                               | 6.8           | 30                                           | 15.0                        |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 30...                                                                                  | .0                                               | 1.6                        | .03                        | --                                                               | 89                                                                  | 35                                  | 28                                                | 7                                        | 148                                               | 6.3           | 90                                           | 6.5                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 05...                                                                                  | .1                                               | 1.0                        | .02                        | --                                                               | 72                                                                  | 24                                  | 19                                                | 6                                        | 124                                               | 6.0           | 80                                           | 6.5                         |
| 01105640 - WEIR RIVER NEAR HINGHAM MASS (LAT 42 14 31 LONG 070 51 36)                  |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 15...                                                                                  | .1                                               | .2                         | .01                        | 101                                                              | 105                                                                 | 42                                  | 24                                                | 18                                       | 191                                               | 7.0           | 23                                           | 11.0                        |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 11...                                                                                  | .0                                               | 1.8                        | .02                        | --                                                               | 101                                                                 | 44                                  | 22                                                | 23                                       | 184                                               | 7.3           | 20                                           | 19.0                        |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 24...                                                                                  | .1                                               | 2.4                        | .04                        | --                                                               | 99                                                                  | 36                                  | 26                                                | 10                                       | 160                                               | 6.7           | 60                                           | 5.0                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 05...                                                                                  | .1                                               | 2.9                        | .02                        | --                                                               | 93                                                                  | 33                                  | 24                                                | 10                                       | 170                                               | 6.7           | 28                                           | 8.5                         |
| 01105660 - BOUND BROOK NR COHASSET MASS (LAT 42 12 44 LONG 070 49 18)                  |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 15...                                                                                  | .8                                               | .0                         | .04                        | 94                                                               | 76                                                                  | 20                                  | 8                                                 | 11                                       | 109                                               | 6.3           | 200                                          | 12.0                        |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 21...                                                                                  | .0                                               | 1.9                        | .09                        | --                                                               | 65                                                                  | 17                                  | 9                                                 | 8                                        | 93                                                | 6.2           | 80                                           | --                          |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 30...                                                                                  | .1                                               | .2                         | .03                        | --                                                               | 65                                                                  | 18                                  | 12                                                | 7                                        | 120                                               | 5.7           | 110                                          | 6.0                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 05...                                                                                  | .1                                               | .1                         | .01                        | --                                                               | 55                                                                  | 16                                  | 14                                                | 2                                        | 110                                               | 5.2           | 80                                           | 8.5                         |
| 01105680 - CUSHING BROOK AT WEST HANOVER MASS (LAT 42 07 05 LONG 070 52 48)            |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 15...                                                                                  | .1                                               | 1.1                        | .01                        | 105                                                              | 89                                                                  | 21                                  | 14                                                | 7                                        | 152                                               | 6.2           | 100                                          | 13.0                        |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 14...                                                                                  | .0                                               | 1.4                        | .08                        | --                                                               | 123                                                                 | 24                                  | 18                                                | 5                                        | 197                                               | 5.8           | 235                                          | 15.0                        |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 25...                                                                                  | .0                                               | .6                         | .03                        | --                                                               | 110                                                                 | 36                                  | 32                                                | 3                                        | 208                                               | 5.1           | 130                                          | 2.0                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 06...                                                                                  | .0                                               | .4                         | .02                        | --                                                               | 106                                                                 | 26                                  | 23                                                | 2                                        | 206                                               | 5.5           | 100                                          | 7.0                         |
| 01105690 - FRENCH STREAM NEAR ROCKLAND MASS (LAT 42 06 33 LONG 070 54 35)              |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 15...                                                                                  | .2                                               | 6.3                        | .00                        | 141                                                              | 138                                                                 | 46                                  | 18                                                | 28                                       | 254                                               | 7.4           | 21                                           | 16.0                        |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 14...                                                                                  | .0                                               | 13                         | .02                        | --                                                               | 180                                                                 | 47                                  | 18                                                | 30                                       | 340                                               | 7.1           | 13                                           | 17.0                        |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 25...                                                                                  | .1                                               | 12                         | .03                        | --                                                               | 141                                                                 | 52                                  | 35                                                | 16                                       | 255                                               | 6.9           | 15                                           | 3.0                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 06...                                                                                  | .1                                               | 4.8                        | .48                        | --                                                               | 142                                                                 | 46                                  | 26                                                | 20                                       | 261                                               | 6.7           | 19                                           | 8.0                         |
| 01105700 - INDIAN HEAD BROOK NEAR HANSON MASS (LAT 42 05 13 LONG 070 51 26)            |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 15...                                                                                  | .1                                               | .0                         | .01                        | 84                                                               | 76                                                                  | 22                                  | 10                                                | 11                                       | 120                                               | 6.8           | 90                                           | 12.0                        |
| SEP., 1970                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 14...                                                                                  | .0                                               | 1.8                        | .01                        | --                                                               | 80                                                                  | 22                                  | 14                                                | 8                                        | 135                                               | 6.8           | 17                                           | 14.0                        |
| NOV.                                                                                   |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 24...                                                                                  | .1                                               | .8                         | .02                        | --                                                               | 94                                                                  | 24                                  | 22                                                | 3                                        | 176                                               | 5.7           | 80                                           | 5.5                         |
| APR., 1971                                                                             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| 06...                                                                                  | .1                                               | .4                         | .01                        | --                                                               | 90                                                                  | 21                                  | 20                                                | 2                                        | 187                                               | 5.8           | 35                                           | 8.0                         |

TABLE 8.-- CHEMICAL ANALYSES OF SAMPLES FROM STREAMS AT GAGING AND PARTIAL-RECORD STATIONS BY THE U.S. GEOLOGICAL SURVEY -- CONTINUED

| DATE                                                                                   | DIS-<br>CHARGE<br>(FT <sup>3</sup> /S) | SILICA<br>(SiO <sub>2</sub> )<br>(MG/L) | DIS-<br>SOLVED<br>IRON<br>(FE)<br>(UG/L) | DIS-<br>SOLVED<br>MAN-<br>GANESE<br>(MN)<br>(UG/L) | DIS-<br>SOLVED<br>CAL-<br>CIUM<br>(CA)<br>(MG/L) | DIS-<br>SOLVED<br>MAGNE-<br>SIUM<br>(MG) | SODIUM<br>(NA)<br>(MG/L) | POTAS-<br>SIUM<br>(K)<br>(MG/L) | AMMONIA<br>(NH <sub>4</sub> )<br>(MG/L) | BICAR-<br>BONATE<br>(HCO <sub>3</sub> )<br>(MG/L) | SULFATE<br>(SO <sub>4</sub> )<br>(MG/L) | CHLO-<br>RIDE<br>(CL)<br>(MG/L) |
|----------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------------|----------------------------------------------------|--------------------------------------------------|------------------------------------------|--------------------------|---------------------------------|-----------------------------------------|---------------------------------------------------|-----------------------------------------|---------------------------------|
| 01105730 - INDIAN HEAD RIVER AT HANOVER MASS (LAT 42 06 02 LONG 070 49 23)             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 11                                     | 5.2                                     | 180                                      | 110                                                | 9.2                                              | 2.9                                      | 24                       | 2.8                             | --                                      | 22                                                | 22                                      | 38                              |
| NOV., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 30...                                                                                  | 34                                     | 11                                      | 420                                      | 430                                                | 13                                               | 3.5                                      | 22                       | 2.0                             | 1.2                                     | 12                                                | 44                                      | 39                              |
| MAR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 08...                                                                                  | 170                                    | 6.2                                     | 220                                      | 130                                                | 6.5                                              | 2.0                                      | 25                       | 1.7                             | .44                                     | 6                                                 | 15                                      | 44                              |
| APR.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | 48                                     | 3.6                                     | 390                                      | 140                                                | 8.2                                              | 2.6                                      | 27                       | 1.9                             | .64                                     | 12                                                | 17                                      | 49                              |
| 01105770 - HERRING BROOK AT PEMBROKE MASS (LAT 42 03 43 LONG 070 48 09)                |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 1.4                                    | 7.0                                     | 100                                      | 90                                                 | 4.1                                              | 1.8                                      | 10                       | 1.3                             | --                                      | 13                                                | 9.6                                     | 16                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 14...                                                                                  | 1.0                                    | 6.7                                     | --                                       | --                                                 | 5.0                                              | 2.0                                      | 11                       | 1.0                             | .10                                     | 12                                                | 11                                      | 19                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 7.0                                     | 250                                      | 90                                                 | 5.0                                              | 1.6                                      | 10                       | 1.0                             | .08                                     | 8                                                 | 12                                      | 16                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | --                                     | 4.5                                     | 250                                      | 60                                                 | 4.0                                              | 1.6                                      | 11                       | .8                              | .10                                     | 6                                                 | 10                                      | 19                              |
| 01105805 - PUDDING BROOK AT NORTH PEMBROKE MASS (LAT 42 05 25 LONG 070 47 32)          |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 6.5                                    | 2.2                                     | 36                                       | 30                                                 | 4.0                                              | 1.4                                      | 12                       | .6                              | --                                      | 7                                                 | 7.6                                     | 22                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | .34                                    | 4.8                                     | --                                       | --                                                 | 4.2                                              | 1.6                                      | 12                       | .6                              | .12                                     | 12                                                | 9.5                                     | 21                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 3.2                                     | 200                                      | 20                                                 | 4.0                                              | 1.5                                      | 11                       | .8                              | .19                                     | 6                                                 | 11                                      | 19                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | --                                     | 1.0                                     | 210                                      | 0                                                  | 4.2                                              | 1.6                                      | 13                       | 1.1                             | .11                                     | 6                                                 | 10                                      | 23                              |
| 01105810 - THIRD HERRING BROOK AT HANOVER MASS (LAT 42 07 01 LONG 070 48 35)           |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | 2.3                                    | 11                                      | 1040                                     | 230                                                | 7.0                                              | 2.7                                      | 26                       | 1.5                             | --                                      | 4                                                 | 17                                      | 50                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | .34                                    | 12                                      | --                                       | --                                                 | 7.0                                              | 2.9                                      | 25                       | 2.2                             | 1.1                                     | 6                                                 | 24                                      | 47                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 9.7                                     | 660                                      | 210                                                | 7.1                                              | 2.7                                      | 24                       | 1.1                             | .42                                     | 4                                                 | 19                                      | 38                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 2.6                                     | 470                                      | 140                                                | 6.5                                              | 1.9                                      | 30                       | 1.1                             | .18                                     | 4                                                 | 14                                      | 55                              |
| 01105820 - SECOND HERRING BROOK AT NORWELL MASS (LAT 42 05 36 LONG 070 47 20)          |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | .66                                    | 4.4                                     | 310                                      | 20                                                 | 6.0                                              | 2.5                                      | 19                       | .9                              | --                                      | 8                                                 | 14                                      | 36                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | .32                                    | 1.1                                     | --                                       | --                                                 | 5.0                                              | 1.7                                      | 20                       | .6                              | .20                                     | 4                                                 | 11                                      | 38                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 9.3                                     | 320                                      | 170                                                | 6.0                                              | 3.2                                      | 16                       | .9                              | .20                                     | 4                                                 | 22                                      | 30                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 2.5                                     | 190                                      | 80                                                 | 5.0                                              | 1.8                                      | 22                       | .8                              | .12                                     | 3                                                 | 13                                      | 41                              |
| 01105830 - FIRST HERRING BROOK NEAR SCITUATE CENTER MASS (LAT 42 11 30 LONG 070 46 49) |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 15...                                                                                  | .28                                    | 12                                      | 800                                      | 140                                                | 5.9                                              | 3.4                                      | 13                       | .6                              | .08                                     | 8                                                 | 28                                      | 22                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | .05                                    | 12                                      | --                                       | --                                                 | 8.0                                              | 3.4                                      | 12                       | 1.0                             | .20                                     | 26                                                | 11                                      | 19                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 30...                                                                                  | --                                     | 10                                      | 450                                      | 70                                                 | 6.1                                              | 3.1                                      | 14                       | .4                              | .16                                     | 1                                                 | 26                                      | 23                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | 2.8                                    | 6.8                                     | 250                                      | 70                                                 | 4.2                                              | 1.9                                      | 15                       | .6                              | .20                                     | 0                                                 | 17                                      | 27                              |
| 01105845 - SOUTH RIVER AT MARSHFIELD MASS (LAT 42 05 32 LONG 070 43 50)                |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 16...                                                                                  | 2.5                                    | 8.0                                     | 330                                      | 100                                                | 4.4                                              | 1.9                                      | 14                       | 1.1                             | --                                      | 9                                                 | 10                                      | 27                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | 3.8                                    | 4.9                                     | --                                       | --                                                 | 4.0                                              | 1.9                                      | 14                       | .8                              | .24                                     | 6                                                 | 10                                      | 26                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 4.9                                     | 500                                      | 100                                                | 3.8                                              | 1.6                                      | 13                       | .9                              | .26                                     | 4                                                 | 13                                      | 25                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | --                                     | 1.2                                     | 330                                      | 30                                                 | 3.5                                              | 1.4                                      | 15                       | 1.0                             | .17                                     | 4                                                 | 10                                      | 28                              |

TABLE 8.-- CHEMICAL ANALYSES OF SAMPLES FROM STREAMS AT GAGING AND  
PARTIAL-RECORD STATIONS BY THE U.S. GEOLOGICAL SURVEY -- CONTINUED

| DATE                                                                                   | DIS-<br>SOLVED<br>FLUO-<br>RIDE<br>(F)<br>(MG/L) | NITRATE<br>(NO3)<br>(MG/L) | NITRITE<br>(NO2)<br>(MG/L) | DIS-<br>SOLVED<br>SOLIDS<br>(RESI-<br>DUE AT<br>180 C)<br>(MG/L) | DIS-<br>SOLVED<br>SOLIDS<br>(SUM OF<br>CONSTI-<br>TUENTS)<br>(MG/L) | HARD-<br>NESS<br>(CA, MG)<br>(MG/L) | NON-<br>CAR-<br>BONATE<br>HARD-<br>NESS<br>(MG/L) | ALKA-<br>LINITY<br>AS<br>CaCO3<br>(MG/L) | SPECIFIC<br>CONDUCT-<br>ANCE,<br>(MICRO-<br>MHOS) | PH<br>(UNITS) | COLOR<br>(PLAT-<br>INUM-<br>COBALT<br>UNITS) | TEMP-<br>ERATURE<br>(DEG C) |
|----------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------|----------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|---------------------------------------------------|------------------------------------------|---------------------------------------------------|---------------|----------------------------------------------|-----------------------------|
| 01105730 - INDIAN HEAD RIVER AT HANOVER MASS (LAT 42 06 02 LONG 070 49 23)             |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>15...                                                                    | 0.1                                              | 2.0                        | 0.01                       | 120                                                              | 117                                                                 | 35                                  | 17                                                | 18                                       | 216                                               | 6.7           | 38                                           | 13.0                        |
| NOV., 1970<br>30...                                                                    | .1                                               | 3.0                        | .11                        | --                                                               | 145                                                                 | 47                                  | 37                                                | 10                                       | 230                                               | 6.7           | 90                                           | 6.0                         |
| MAR., 1971<br>08...                                                                    | .1                                               | 2.4                        | .02                        | --                                                               | 106                                                                 | 24                                  | 19                                                | 5                                        | 203                                               | 6.2           | 30                                           | 2.0                         |
| APR.,<br>06...                                                                         | .1                                               | 1.4                        | .03                        | --                                                               | 117                                                                 | 31                                  | 21                                                | 10                                       | 223                                               | 6.5           | 35                                           | 8.5                         |
| 01105770 - HERRING BROOK AT PEMBROKE MASS (LAT 42 03 43 LONG 070 48 09)                |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>15...                                                                    | .0                                               | .0                         | .00                        | 57                                                               | 56                                                                  | 18                                  | 7                                                 | 11                                       | 102                                               | 6.9           | 11                                           | 16.0                        |
| SEP., 1970<br>14...                                                                    | .1                                               | 1.2                        | .02                        | --                                                               | 63                                                                  | 20                                  | 10                                                | 10                                       | 107                                               | 6.8           | 7                                            | 15.0                        |
| NOV.,<br>24...                                                                         | .0                                               | .7                         | .01                        | --                                                               | 57                                                                  | 19                                  | 12                                                | 7                                        | 96                                                | 6.6           | 30                                           | 6.0                         |
| APR., 1971<br>06...                                                                    | .0                                               | .1                         | .01                        | --                                                               | 54                                                                  | 16                                  | 11                                                | 5                                        | 99                                                | 6.4           | 8                                            | 8.5                         |
| 01105805 - PUDDING BROOK AT NORTH PEMBROKE MASS (LAT 42 05 25 LONG 070 47 32)          |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>15...                                                                    | .1                                               | .0                         | .00                        | 63                                                               | 53                                                                  | 16                                  | 10                                                | 6                                        | 103                                               | 6.4           | 35                                           | 15.0                        |
| SEP., 1970<br>11...                                                                    | .0                                               | .5                         | .02                        | --                                                               | 60                                                                  | 17                                  | 7                                                 | 10                                       | 101                                               | 6.9           | 16                                           | 19.0                        |
| NOV.,<br>24...                                                                         | .1                                               | .1                         | .02                        | --                                                               | 54                                                                  | 16                                  | 11                                                | 5                                        | 98                                                | 6.4           | 45                                           | 5.5                         |
| APR., 1971<br>06...                                                                    | .1                                               | .1                         | .01                        | --                                                               | 57                                                                  | 17                                  | 12                                                | 5                                        | 110                                               | 6.2           | 20                                           | 9.5                         |
| 01105810 - THIRD HERRING BROOK AT HANOVER MASS (LAT 42 07 01 LONG 070 48 35)           |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>15...                                                                    | .4                                               | 1.1                        | .01                        | 141                                                              | 119                                                                 | 28                                  | 26                                                | 3                                        | 209                                               | 5.5           | 210                                          | 13.0                        |
| SEP., 1970<br>11...                                                                    | .0                                               | 4.4                        | .04                        | --                                                               | 129                                                                 | 30                                  | 24                                                | 5                                        | 208                                               | 6.0           | --                                           | 19.0                        |
| NOV.,<br>24...                                                                         | .1                                               | .4                         | .02                        | --                                                               | 104                                                                 | 28                                  | 26                                                | 3                                        | 209                                               | 5.6           | 75                                           | 5.5                         |
| APR., 1971<br>05...                                                                    | .1                                               | .1                         | .01                        | --                                                               | 113                                                                 | 24                                  | 21                                                | 3                                        | 227                                               | 5.6           | 45                                           | 9.0                         |
| 01105820 - SECOND HERRING BROOK AT NORWELL MASS (LAT 42 09 36 LONG 070 47 20)          |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>15...                                                                    | .1                                               | .0                         | .01                        | 94                                                               | 87                                                                  | 25                                  | 18                                                | 7                                        | 160                                               | 6.5           | 95                                           | 13.0                        |
| SEP., 1970<br>11...                                                                    | .0                                               | .5                         | .02                        | --                                                               | 80                                                                  | 20                                  | 16                                                | 3                                        | 163                                               | 6.5           | 33                                           | 19.0                        |
| NOV.,<br>24...                                                                         | .1                                               | .2                         | .02                        | --                                                               | 90                                                                  | 28                                  | 25                                                | 3                                        | 154                                               | 5.5           | 75                                           | 5.5                         |
| APR., 1971<br>05...                                                                    | .1                                               | .1                         | .01                        | --                                                               | 88                                                                  | 20                                  | 17                                                | 2                                        | 172                                               | 5.5           | 20                                           | 9.0                         |
| 01105830 - FIRST HERRING BROOK NEAR SCITUATE CENTER MASS (LAT 42 11 30 LONG 070 46 49) |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>15...                                                                    | .8                                               | .0                         | .03                        | 121                                                              | 90                                                                  | 28                                  | 22                                                | 7                                        | 132                                               | 5.8           | 340                                          | 11.0                        |
| SEP., 1970<br>11...                                                                    | .0                                               | 1.8                        | .01                        | --                                                               | 81                                                                  | 28                                  | 7                                                 | 21                                       | 129                                               | 7.0           | 45                                           | 17.0                        |
| NOV.,<br>30...                                                                         | .0                                               | .4                         | .02                        | --                                                               | 84                                                                  | 28                                  | 27                                                | 1                                        | 145                                               | 4.7           | 180                                          | 7.0                         |
| APR., 1971<br>05...                                                                    | .1                                               | .2                         | .02                        | --                                                               | 73                                                                  | 18                                  | 18                                                | 0                                        | 136                                               | 4.8           | 120                                          | 7.5                         |
| 01105845 - SOUTH RIVER AT MARSHFIELD MASS (LAT 42 05 32 LONG 070 43 50)                |                                                  |                            |                            |                                                                  |                                                                     |                                     |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>16...                                                                    | .1                                               | .0                         | .01                        | 79                                                               | 71                                                                  | 19                                  | 12                                                | 7                                        | 128                                               | 6.3           | 75                                           | 10.0                        |
| SEP., 1970<br>11...                                                                    | .0                                               | .0                         | .02                        | --                                                               | 65                                                                  | 18                                  | 13                                                | 5                                        | 121                                               | 6.4           | 21                                           | 19.0                        |
| NOV.,<br>24...                                                                         | .0                                               | .1                         | .02                        | --                                                               | 64                                                                  | 16                                  | 13                                                | 3                                        | 118                                               | 5.6           | 70                                           | 5.5                         |
| APR., 1971<br>06...                                                                    | .1                                               | .0                         | .01                        | --                                                               | 62                                                                  | 14                                  | 11                                                | 3                                        | 123                                               | 5.8           | 37                                           | 11.0                        |



TABLE 8.-- CHEMICAL ANALYSES OF SAMPLES FROM STREAMS AT GAGING AND  
PARTIAL-RECORD STATIONS BY THE U.S. GEOLOGICAL SURVEY -- CONTINUED

| DATE                                                                                   | DIS-<br>CHARGE<br>(FT <sup>3</sup> /S) | SILICA<br>(SiO <sub>2</sub> )<br>(MG/L) | DIS-<br>SOLVED<br>IRON<br>(FE)<br>(UG/L) | DIS-<br>SOLVED<br>MAN-<br>GANESE<br>(MN)<br>(UG/L) | DIS-<br>SOLVED<br>CAL-<br>CIUM<br>(CA)<br>(MG/L) | DIS-<br>SOLVED<br>MAGNE-<br>SIUM<br>(MG) | SODIUM<br>(NA)<br>(MG/L) | POTAS-<br>SIUM<br>(K)<br>(MG/L) | AMMONIA<br>(NH <sub>4</sub> )<br>(MG/L) | BICAR-<br>BONATE<br>(HCO <sub>3</sub> )<br>(MG/L) | SULFATE<br>(SO <sub>4</sub> )<br>(MG/L) | CHLO-<br>RIDE<br>(CL)<br>(MG/L) |
|----------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------------|----------------------------------------------------|--------------------------------------------------|------------------------------------------|--------------------------|---------------------------------|-----------------------------------------|---------------------------------------------------|-----------------------------------------|---------------------------------|
| 01105848 - FURNACE BROOK AT SCHOOL ST NR MARSHFIELD MASS (LAT 42 07 06 LONG 070 44 34) |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 11...                                                                                  | 0.02                                   | 10                                      | --                                       | --                                                 | 5.0                                              | 2.9                                      | 19                       | 0.9                             | 0.12                                    | 0                                                 | 12                                      | 40                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 8.6                                     | 340                                      | 30                                                 | 4.6                                              | 2.5                                      | 13                       | 1.0                             | .13                                     | 0                                                 | 17                                      | 23                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 5.4                                     | 190                                      | 0                                                  | 3.3                                              | 2.0                                      | 14                       | 1.0                             | .07                                     | 0                                                 | 13                                      | 26                              |
| 01105860 - JONES RIVER BROOK NEAR PLYMPTON MASS (LAT 42 59 18 LONG 070 48 10)          |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 16...                                                                                  | 1.4                                    | 11                                      | 540                                      | 0                                                  | 4.5                                              | 1.2                                      | 6.5                      | .9                              | --                                      | 13                                                | 9.7                                     | 9.8                             |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 14...                                                                                  | .61                                    | 6.5                                     | --                                       | --                                                 | 3.1                                              | 1.3                                      | 6.0                      | .8                              | .32                                     | 10                                                | 11                                      | 10                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 10                                      | 770                                      | 130                                                | 3.0                                              | .9                                       | 5.4                      | .5                              | .27                                     | 4                                                 | 10                                      | 9.2                             |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 2.8                                     | 460                                      | 30                                                 | 3.0                                              | 1.0                                      | 5.6                      | .7                              | .19                                     | 2                                                 | 10                                      | 9.6                             |
| 01105870 - JONES RIVER AT KINGSTON MASS (LAT 41 59 27 LONG 070 44 03)                  |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 16...                                                                                  | 10                                     | 8.0                                     | 170                                      | 50                                                 | 4.6                                              | 1.6                                      | 9.7                      | 1.3                             | --                                      | 12                                                | 8.5                                     | 17                              |
| NOV., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 30...                                                                                  | 18                                     | 8.4                                     | 380                                      | 80                                                 | 3.2                                              | 1.3                                      | 8.1                      | .9                              | .25                                     | 5                                                 | 9.0                                     | 15                              |
| MAR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 08...                                                                                  | 50                                     | 4.1                                     | 280                                      | 0                                                  | 2.9                                              | 1.0                                      | 7.9                      | .8                              | .21                                     | 5                                                 | 9.0                                     | 14                              |
| APR.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 06...                                                                                  | 26                                     | 1.6                                     | 280                                      | 30                                                 | 2.5                                              | 1.1                                      | 8.4                      | .9                              | .15                                     | 6                                                 | 8.6                                     | 14                              |
| 01105872 - HALLS BROOK AT KINGSTON MASS (LAT 41 59 57 LONG 070 43 56)                  |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| OCT., 1969                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 16...                                                                                  | 1.9                                    | 8.9                                     | 190                                      | 10                                                 | 4.8                                              | 2.4                                      | 22                       | 1.7                             | --                                      | 11                                                | 7.0                                     | 43                              |
| SEP., 1970                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 14...                                                                                  | 1.4                                    | 7.9                                     | --                                       | --                                                 | 5.0                                              | 2.5                                      | 19                       | 1.3                             | .21                                     | 10                                                | 9.5                                     | 37                              |
| NOV.                                                                                   |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 24...                                                                                  | --                                     | 7.2                                     | 370                                      | 50                                                 | 4.2                                              | 1.6                                      | 16                       | 1.0                             | .20                                     | 6                                                 | 8.5                                     | 26                              |
| APR., 1971                                                                             |                                        |                                         |                                          |                                                    |                                                  |                                          |                          |                                 |                                         |                                                   |                                         |                                 |
| 05...                                                                                  | --                                     | 1.0                                     | 240                                      | 20                                                 | 4.0                                              | 1.6                                      | 19                       | 1.3                             | .14                                     | 5                                                 | 9.0                                     | 35                              |

TABLE 8.-- CHEMICAL ANALYSES OF SAMPLES FROM STREAMS AT GAGING AND  
PARTIAL-RECORD STATIONS BY THE U.S. GEOLOGICAL SURVEY -- CONTINUED

| DATE                                                                                   | DIS-<br>SOLVED<br>FLUO-<br>RIDE<br>(F)<br>(MG/L) | NITRATE<br>(NO3)<br>(MG/L) | NITRITE<br>(NO2)<br>(MG/L) | DIS-<br>SOLVED<br>SOLIDS<br>(RESI-<br>DUE AT<br>180 C)<br>(MG/L) | DIS-<br>SOLVED<br>SOLIDS<br>(SUM OF<br>CONSTI-<br>TUENTS)<br>(MG/L) | HARD-<br>NESS<br>(CA,MG)<br>(MG/L) | NON-<br>CAR-<br>BONATE<br>HARD-<br>NESS<br>(MG/L) | ALKA-<br>LILITY<br>AS<br>CACO3<br>(MG/L) | SPECIFIC<br>CONDUCT-<br>ANCE,<br>[MICRO-<br>MHOS] | PH<br>(UNITS) | COLOR<br>(PLAT-<br>INUM-<br>COBALT<br>UNITS) | TEMP-<br>ERATURE<br>(DEG C) |
|----------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------|----------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------|---------------------------------------------------|------------------------------------------|---------------------------------------------------|---------------|----------------------------------------------|-----------------------------|
| 01105848 - FURNACE BROOK AT SCHOOL ST NR MARSHFIELD MASS (LAT 42 07 06 LONG 070 44 34) |                                                  |                            |                            |                                                                  |                                                                     |                                    |                                                   |                                          |                                                   |               |                                              |                             |
| SEP., 1970<br>11...                                                                    | 0.0                                              | 0.3                        | 0.01                       | --                                                               | 90                                                                  | 20                                 | 20                                                | 0                                        | 181                                               | 4.4           | 15                                           | 16.5                        |
| NOV.<br>24...                                                                          | .0                                               | .0                         | .02                        | --                                                               | 70                                                                  | 22                                 | 22                                                | 0                                        | 139                                               | 4.5           | 90                                           | 5.5                         |
| APR., 1971<br>05...                                                                    | .1                                               | .0                         | .01                        | --                                                               | 65                                                                  | 16                                 | 16                                                | 0                                        | 133                                               | 4.5           | 50                                           | 7.0                         |
| 01105860 - JONES RIVER BROCK NEAR PLYMPTON MASS (LAT 42 59 18 LONG 070 48 10)          |                                                  |                            |                            |                                                                  |                                                                     |                                    |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>16...                                                                    | .2                                               | .0                         | .01                        | 53                                                               | 50                                                                  | 16                                 | 6                                                 | 11                                       | 71                                                | 6.7           | 65                                           | 8.0                         |
| SEP., 1970<br>14...                                                                    | .0                                               | .1                         | .02                        | --                                                               | 44                                                                  | 13                                 | 5                                                 | 8                                        | 64                                                | 6.8           | 37                                           | 16.5                        |
| NOV.<br>24...                                                                          | .1                                               | .2                         | .02                        | --                                                               | 42                                                                  | 11                                 | 8                                                 | 3                                        | 60                                                | 5.7           | 90                                           | 5.0                         |
| APR., 1971<br>05...                                                                    | .1                                               | .0                         | .01                        | --                                                               | 34                                                                  | 12                                 | 10                                                | 2                                        | 58                                                | 5.8           | 60                                           | 9.0                         |
| 01105870 - JONES RIVER AT KINGSTON MASS (LAT 41 59 27 LONG 070 44 03)                  |                                                  |                            |                            |                                                                  |                                                                     |                                    |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>16...                                                                    | .1                                               | .0                         | .01                        | 58                                                               | 57                                                                  | 18                                 | 8                                                 | 10                                       | 93                                                | 6.6           | 23                                           | --                          |
| NOV., 1970<br>30...                                                                    | .0                                               | 1.2                        | .02                        | --                                                               | 50                                                                  | 14                                 | 10                                                | 4                                        | 88                                                | 6.7           | 33                                           | 7.0                         |
| MAR., 1971<br>08...                                                                    | .2                                               | .4                         | .01                        | --                                                               | 43                                                                  | 11                                 | 7                                                 | 4                                        | 72                                                | 5.7           | 25                                           | 3.0                         |
| APR.<br>06...                                                                          | .0                                               | .0                         | .01                        | --                                                               | 40                                                                  | 11                                 | 6                                                 | 5                                        | 78                                                | 6.1           | 22                                           | 8.0                         |
| 01105872 - HALLS BROOK AT KINGSTON MASS (LAT 41 59 57 LONG 070 43 56)                  |                                                  |                            |                            |                                                                  |                                                                     |                                    |                                                   |                                          |                                                   |               |                                              |                             |
| OCT., 1969<br>16...                                                                    | .2                                               | .8                         | .01                        | 101                                                              | 96                                                                  | 22                                 | 13                                                | 9                                        | 178                                               | 6.4           | 32                                           | 12.0                        |
| SEP., 1970<br>14...                                                                    | .0                                               | 1.3                        | .03                        | --                                                               | 89                                                                  | 22                                 | 14                                                | 8                                        | 161                                               | 6.8           | 20                                           | 18.0                        |
| NOV.<br>24...                                                                          | .1                                               | .2                         | .02                        | --                                                               | 68                                                                  | 17                                 | 12                                                | 5                                        | 127                                               | 6.0           | 50                                           | 5.5                         |
| APR., 1971<br>05...                                                                    | .1                                               | .0                         | .01                        | --                                                               | 74                                                                  | 16                                 | 12                                                | 4                                        | 144                                               | 5.9           | 6                                            | 8.0                         |

Table 9.--Description of public water-supply sources

Information from the annual reports and records of municipal water systems, Hingham Water Company, and Massachusetts Department of Public Health. Local well number of each station, in parentheses, can be used to locate the well (plate 1), and to refer to well description (table 1), log of materials (table 2) and chemical analyses (tables 3 and 8).

ABINGTON-ROCKLAND JOINT WATER BOARD, established in 1885 to serve both towns. In 1970, pumped 880,000,000 (3,330,800 m<sup>3</sup>) gallons.

Big Sandy Bottom Pond Station, Pembroke, (main source) draws water from the pond and from gravel-packed wells on the shore (Pembroke W285, W286, and W287); water transmitted through a 16-in (40.64 cm) main and redistributed through 12-in (30.48 cm) mains serving each town. Abington uses 44 percent of the water; Rockland, 56 percent. Chlorinated. Capacity of pond and wells about 3 Mgal/day or 2,000 gal/min (126.18 dm<sup>3</sup>/s) using the Beech Hill booster station.

Walnut Street Station, Abington, outside basin (See Abington W9, and W50, in Williams and Willey, 1970). Supplies about 1 Mgal/day (43.81 dm<sup>3</sup>/s) of water to Abington.

Fox's Pit Station, Rockland, a 48 x 24-in (121.92 x 60.96 cm) gravel-packed well (Rockland W78); water passed through diatomaceous-earth filter, chlorinated, and treated at iron-removal plant. Supplies about 400 gal/min (25.24 dm<sup>3</sup>/s), chiefly to Rockland.

Additional sources:

Dyer's Pit Station, Rockland, to supply about 500 gal/min (31.54 dm<sup>3</sup>/s) from reservoir at head of Ben Mann Brook. Originally planned as an industrial and fire-protection supply; water will be treated for use in public-supply system. Exploratory hole (Rockland W88).

COHASSET, municipal system formed in 1950 with purchase of Cohasset Water Company, established in 1886. Supplies entire town except area west of Forest Avenue. In 1970, pumped 240,000,000 (908,400 m<sup>3</sup>) gallons.

Beechwood Station (main source). Water from 57-acre (23.07 ha) Lily Pond pumped through 8-in (20.32 cm) main to 25-ft (7.62 m) diameter raw-water well (Cohasset W25) dug in 1909, from which water is pumped to treatment plant (1914) where it is aerated over charcoal, receives alum and lime, and passes through rapid sand filters. Fluoridated. Capacity, 0.5 Mgal/day (21.90 dm<sup>3</sup>/s) in summer; can be operated at 0.6 Mgal/day (26.29 dm<sup>3</sup>/s).

Elms Meadow Station (1897), six 2-1/2-in (6.35 cm) driven wells (Cohasset W2) 19-31 ft (5.79-9.45 m) deep connected to collecting header. Original yield 0.2 Mgal/day (8.76 dm<sup>3</sup>/s), but now exhausts storage in aquifer if pumped more than 3 weeks at that rate in dry periods. Chlorinated.

Sohier Street Station (1951) two gravel-packed wells (Cohasset W6 and W7) yielding 0.12-0.15 Mgal/day (5.26-6.57 dm<sup>3</sup>/s), but of limited use in dry weather when storage in aquifer is exhausted.

King Street Station (abandoned) a gallery 200 ft (60.96 m) long, 12 ft (3.66 m) deep, 8 ft (2.44 m) wide filled with stone. Dug in till at east shore of Lily Pond. Original capacity, 0.2 Mgal/day (8.76 dm<sup>3</sup>/s).

Sohier Street well field (drilled 1886, presently abandoned) 64 driven wells, 25-45 ft (7.62-13.72 m) deep (Cohasset W1). Original capacity, 0.2 Mgal/day (8.76 dm<sup>3</sup>/s).

Additional sources:

A dam proposed on Aaron River (Bound Brook watershed) at west end of Beechwood Street will impound 323,000,000 (1,222,555 m<sup>3</sup>) gallons and yield a supply of 2.2 Mgal/day (96.38 dm<sup>3</sup>/s).



Table 9.--Description of public water-supply sources (Continued)

DUXBURY, municipal system succeeding Duxbury Fire and Water District (1914) on September 11, 1955. Pumped 325,000,000 (1,230,125 m<sup>3</sup>) gallons in 1970 from four stations.

Millbrook Station (1914). Original well field yielded 0.4 Mgal/day (17.52 dm<sup>3</sup>/s) from ten 2-1/2-in (6.35 cm) driven wells (Duxbury W14); in 1961, 55 wells yielded 375 gal/min (23.66 dm<sup>3</sup>/s). Supplemented in 1967 by a 355 gal/min (22.40 dm<sup>3</sup>/s) gravel-packed well (Duxbury W63) to yield 1 Mgal/day (43.81 dm<sup>3</sup>/s).

Partridge Road Station (1948) a 24-in (60.96 cm) gravel-packed well (Duxbury W2) originally tested at 225 gal/min (14.20 dm<sup>3</sup>/s). Pump capacity 240 gal/min (15.14 dm<sup>3</sup>/s).

Depot Street Station (1954) a gravel-packed well (Duxbury W1), yield and pump capacity 485 gal/min (30.60 dm<sup>3</sup>/s).

Lake Shore Drive Station (1957) a 48 x 24-in (121.92 x 60.96 cm) gravel-packed well (Duxbury W72), capacity 500 gal/min (31.54 dm<sup>3</sup>/s).

Tremont Street Station (1971) two 48 x 24-in (121.92 x 60.96 cm) gravel-packed wells (Duxbury W26 and W27); expected combined yield 750 gal/min (47.32 dm<sup>3</sup>/s). Pump houses under construction September 1971.

Additional sources:

Church Street site (Duxbury W49) approximately 300 gal/min (18.93 dm<sup>3</sup>/s) expected from proposed gravel-packed well on basis of pumping test of five 2-1/2-in (6.35 cm) wells.

Island Pond site (Duxbury W45) at least 350 gal/min (22.08 dm<sup>3</sup>/s) expected from proposed gravel-packed well based on preliminary tests.

Town Forest sites (Duxbury W21 through W25).

Evergreen Street site (Duxbury W135) expected yield of 600 gal/min (37.85 dm<sup>3</sup>/s) to a gravel-packed well based on preliminary pumping tests of five 2-1/2-in (6.35 cm) wells.

HANOVER, municipal system since 1930 supplied by four wells at two stations with wells at Pond Street Station in reserve. Pumped 330,000,000 (1,249,050 m<sup>3</sup>) gallons in 1970.

Pond Street Station. Excessively high color, iron, and manganese has reduced use of this station to an emergency source pending construction of treatment facilities.

Well field (drilled 1930, presently abandoned). Original supply and only source, 1930-43, when wartime ammunition plant taxed supply. Twelve wells (Hanover W1) originally produced 0.25 Mgal/day (10.95 dm<sup>3</sup>/s); in 1946, 24 wells yielded 0.32 Mgal/day (14.02 dm<sup>3</sup>/s).

Pomona well (1943), a gravel-packed well (Hanover W2) yielding about 750 gal/min (47.32 dm<sup>3</sup>/s).

Pond Street well (1951, presently abandoned), a gravel-packed well (Hanover W3), capacity 795 gal/min (50.16 dm<sup>3</sup>/s).

Temporary 8-in (20.32 cm) well (1960, Hanover W5), capacity 300 gal/min (18.93 dm<sup>3</sup>/s).

Hanover Street Station (1960) two gravel-packed wells (Hanover W7 and W8), each yielding about 250 gal/min (15.77 dm<sup>3</sup>/s).

Broadway Station (1964) two gravel-packed wells (Hanover W41 and W42), each yielding about 200 gal/min (12.62 dm<sup>3</sup>/s).

Additional sources:

Cedar Street site (Hanover W9) estimated 200 gal/min (12.62 dm<sup>3</sup>/s) of poor quality water.

Pond Street area, two or three sites of adequate yield but poor quality water; development to await means of treatment for iron, manganese, and color.

North River area, test well (Hanover W118) indicates possible yield of 350 gal/min (22.08 dm<sup>3</sup>/s), also of poor quality.

Table 9.--Description of public water-supply sources (Continued)

HANSON, municipal system supplied with 185,000,000 gallons (700,225 m<sup>3</sup>) in 1970 from the Brockton main leading from Silver Lake to Brockton.

Additional sources:

Exploration program has located one site outside the basin (Williams and Willey, 1970) that may yield 320 gal/min (20.19 dm<sup>3</sup>/s) to a large-diameter gravel-packed well (Hanson W101).

HINGHAM WATER COMPANY (American Waterworks System Company, 1879) serves 9,000 customers and 1,500 summer residences in Hingham (part outside basin), North Cohasset, and Hull (outside basin). In 1970, pumped 1,131,360,000 gallons (4,282,198 m<sup>3</sup>). Fluoridated.

Fulling Mill Pond Station (1879) pumps from raw water well to which water is transported, via two 14-in (35.56 cm) mains from 99-acre (40.06 ha) Accord Pond. Supply is supplemented by infiltration from ponds along Fulling Mill Brook, from the brook, and from ponds south of station that are augmented by diversion from Accord Brook. Capacity, 2.2 Mgal/day (95.90 dm<sup>3</sup>/s). Production, 716,000,000 (2,710,060 m<sup>3</sup>) gallons in 1970.

Free Street well 3 (1967) a 700-gal/min (43.81 dm<sup>3</sup>/s) gravel-packed well (Hingham W44) replacing well 1 (1942). Water pumped to treatment plant for removal of manganese. Production, 177,000,000 (669,945 m<sup>3</sup>) gallons in 1970.

Free Street well 2 (1951) a gravel-packed well (Hingham W43) tested in 1951 at over 2,000 gal/min (126.18 dm<sup>3</sup>/s), but now yielding about 2 Mgal/day (87.70 dm<sup>3</sup>/s) of water that is treated with ferrosand, calgon, and chlorine in manganese-removal plant. Production, 61,000,000 (230,885 m<sup>3</sup>) gallons in 1970.

Downing Street Station (1965) a gravel-packed well (Hingham W145) of about 350 gal/min (21.90 dm<sup>3</sup>/s) capacity. Production, 14,600,000 (55,261 m<sup>3</sup>) gallons in 1970.

Scotland Road Station (1955) a gravel-packed well (Hingham W85) tested at 700 gal/min (43.81 dm<sup>3</sup>/s) and reported to be operated at about 0.5 Mgal/day (21.90 dm<sup>3</sup>/s). Production, 162,760,000 (616,047 m<sup>3</sup>) gallons in 1970.

Prospect Street Station (1971) a gravel-packed well (Hingham W230), expected capacity about 0.4 to 0.5 Mgal/day (17.66-21.90 dm<sup>3</sup>/s). In service late in 1971.

Additional sources:

None.

KINGSTON, municipal system established 1886; in 1970, pumped 287,000,000 (1,086,295 m<sup>3</sup>) gallons from three pumping stations.

Elm Street Station (drilled 1886, presently abandoned) a dug well (Kingston W71) that collected about 55 gal/min (3.47 dm<sup>3</sup>/s) from springs during dry weather; in 1891, supplemented by a filter gallery to yield 94 gal/min (5.93 dm<sup>3</sup>/s). Water pumped by water power at station on Jones River to 265,000 (1,003,025 m<sup>3</sup>) gallon reservoir off Indian Pond Road, from which system was supplied by gravity.

Soules Pond Station (1897-98) well field (Kingston W10) that currently yields 220 gal/min (13.88 dm<sup>3</sup>/s) from 34 2-1/2-in (6.35 cm) wells as a standby supply. In 1896, 24 wells were tested at 0.24 Mgal/day (10.73 dm<sup>3</sup>/s).

Soules Pond "Diesel well" (1945) an 18 x 12-in (45.72 x 30.48 cm) gravel-packed well (Kingston W8) tested at 515 gal/min (32.49 dm<sup>3</sup>/s).

South Street Station (1951) an 18 x 12-in (45.72 x 30.48 cm) gravel-packed well (Kingston W42), initial capacity about 1,000 gal/min (63.09 dm<sup>3</sup>/s).

Winthrop Street Station (1964) a 48 x 24-in (121.92 x 60.96 cm) gravel-packed well (Kingston W125) yielding 500 gal/min (31.54 dm<sup>3</sup>/s).

Table 9.--Description of public water-supply sources (Continued)

Additional sources:

Mill Gate Road site (Kingston W59) estimated yield of gravel-packed well, 350-500 gal/min (22.08-31.54 dm<sup>3</sup>/s) based on tests of an 8-in (20.32 cm) well in 1961.

King property, West Kingston, an 8-in (20.32 cm) test well (Kingston W106) in 1955 yielded 610 gal/min (38.48 dm<sup>3</sup>/s) and had 9 mg/l iron, which discouraged further testing.

Site north of Route 106 near Jones River tested by a group of 2-1/2-in (6.35 cm) wells (Kingston W12) at 250 gal/min (15.77 dm<sup>3</sup>/s) in 1966.

Smelt Brook area, two sites tested by 2-1/2-in (6.35 cm) test wells (Kingston W49 and W51) at 60 gal/min (3.78 dm<sup>3</sup>/s) or more.

MARSHFIELD, municipal system established 1927 by purchase of Brant Rock Water Company, Joseph Spang system at Fieldston, Thomas system at Brant Rock (used to 1946), Howard Baker system at Cedar Hill, and Crosby system of the Humarock Water Company (used to 1946). Ground water supplied by seven pumping stations (two others under construction 1971) to 7,000 services in Marshfield and 600 in the Humarock section of Scituate. In 1970, pumped 668,000,000 (2,528,380 m<sup>3</sup>) gallons.

Mount Skirgo Station (1927) original well field (Marshfield W24) of 75 2-1/2-in (6.35 cm) driven wells supplemented in 1935-40 by additional driven wells and experimental gravel-packed wells. Produced 500 gal/min (31.54 dm<sup>3</sup>/s) in 1940. Supplemented by a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Marshfield W25) in 1958, yielding 290 gal/min (18.30 dm<sup>3</sup>/s). Well field cleaned and overhauled 1960-61 when 41 wells yielded 300 gal/min (18.93 dm<sup>3</sup>/s). Safe yield currently about 220 gal/min (13.88 dm<sup>3</sup>/s); pump capacity, 300 gal/min (18.93 dm<sup>3</sup>/s).

Parsonage Street Station No. 1 (1935-36) originally 17 2-1/2-in (6.35 cm) driven wells yielding 290 gal/min (18.30 dm<sup>3</sup>/s) replaced in 1955 by a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Marshfield W27) yielding 250 gal/min (15.77 dm<sup>3</sup>/s).

Parsonage Street Station No. 2 (1945) a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Marshfield W26) yielding 250 gal/min (15.77 dm<sup>3</sup>/s).

Furnace Brook Station No. 1 (1946) an 18 x 12-in (45.72 x 30.48 cm) gravel-packed well (Marshfield W29) yielding 700 gal/min (44.16 dm<sup>3</sup>/s).

Furnace Brook Station No. 2 (1951) an 18 x 12-in (45.72 x 30.48 cm) gravel-packed well originally tested at 800 gal/min (50.47 dm<sup>3</sup>/s) and 1,000 gal/min (63.09 dm<sup>3</sup>/s). Pump capacity, 800 gal/min (50.47 dm<sup>3</sup>/s); safe yield, about 700 gal/min (44.16 dm<sup>3</sup>/s).

Furnace Brook Station No. 3 (1957) a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Marshfield W39), capacity, 300 gal/min (18.93 dm<sup>3</sup>/s); safe yield, about 220 gal/min (13.88 dm<sup>3</sup>/s).

Furnace Brook Station No. 4 (1962) a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Marshfield W40). Tested on completion at 1,000 gal/min (63.09 dm<sup>3</sup>/s); pump capacity, 1,000 gal/min (63.09 dm<sup>3</sup>/s).

South River Street Station (1971) a 48 x 24-in (121.92 x 60.96 cm) gravel-packed well (Marshfield W100) in Gauley's pit. Tested at 275 gal/min (17.35 dm<sup>3</sup>/s) on completion.

School Street Station (1971) construction contract let summer 1971 for 24 x 18-in (60.96 x 45.72 cm) gravel-packed well; 8-in (20.32 cm) test well (Marshfield W19) produced 281 gal/min (17.73 dm<sup>3</sup>/s); driller's estimated yield from a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well with 15 ft (4.57 m) of screen at site of 8-in (20.32 cm) well is 350 gal/min (22.08 dm<sup>3</sup>/s).

Additional sources:

Black Mountain area, off Webster Street; two sites tested. In 1961, an 8-in (20.32 cm) test well (Marshfield W113) yielded 204 gal/min (12.87 dm<sup>3</sup>/s), and in 1962, an 8-in (20.32 cm) well (Marshfield W114) at the other site yielded 132 gal/min (8.33 dm<sup>3</sup>/s).



Table 9.--Description of public water-supply sources (Continued)

NORWELL, municipal system established 1951; serves 1,614 takers, and in 1970, pumped 198,000,000 (749,430 m<sup>3</sup>) gallons from five pumping stations. System supplied by Hanover, 1951-56.

Pumping Station No. 1, South Street (1956) an 8-in (20.32 cm) naturally developed well (Norwell W43). Tested at 460-470 gal/min (29.02-29.65 dm<sup>3</sup>/s) on completion; currently yielding 300 gal/min (18.93 dm<sup>3</sup>/s).

Pumping Station No. 2, Grove Street (1962) an 8-in (20.32 cm) naturally developed well (Norwell 1) originally tested at 275-320 gal/min (17.35-20.19 dm<sup>3</sup>/s). In 1970, yield was 175-190 gal/min (11.04-11.99 dm<sup>3</sup>/s), pump capacity, 300 gal/min (18.93 dm<sup>3</sup>/s).

Pumping Station No. 3, Grove Street (1964) an 8-in (20.32 cm) naturally developed well (Norwell W2) originally tested at 185-224 gal/min (11.67-14.13 dm<sup>3</sup>/s). Pump capacity, 180 gpm (11.36 dm<sup>3</sup>/s) and normal pumping rate is 125 gal/min (7.89 dm<sup>3</sup>/s).

Pumping Station No. 4, off High Street (1966) a 12-in (30.48 cm) naturally developed well (Norwell W80) originally tested at 400 gal/min (25.24 dm<sup>3</sup>/s); current yield, 275 gal/min (17.35 dm<sup>3</sup>/s).

Pumping Station No. 5, Grove Street (1967) a 12-in (30.48 cm) naturally developed well (Norwell W83) yielding 300 gal/min (18.93 dm<sup>3</sup>/s).

Additional sources:

East of South Street (1969), a 12-in (30.48 cm) naturally developed well (Norwell W44) in place, but awaiting construction of a pump house, pumping facilities, and connecting mains. Tested at 528 gal/min (33.31 dm<sup>3</sup>/s).

South of Route 3, a cluster of 2-1/2-in (6.35 cm) wells (Norwell W98). Tested at 248 gal/min (15.65 dm<sup>3</sup>/s) in 1966.

Grassy swamp off High Street, a cluster of 2-1/2-in (6.35 cm) wells (Norwell W81). Tested at 182 gal/min (11.48 dm<sup>3</sup>/s) in 1966. Expected yield of production well, 200 gal/min (12.62 dm<sup>3</sup>/s).

Bowker Street (1967), an 8-in (20.32 cm) naturally developed well (Norwell W82) in place but awaiting construction of pump house, pumping facilities, and connecting mains. Tested at 199-275 gal/min (12.55-17.35 dm<sup>3</sup>/s).

PEMBROKE, municipal system supplied from Brockton system (Silver Lake) until 1957, when first well in Pembroke was placed in service. Pumped 236,000,000 (893,260 m<sup>3</sup>) gallons in 1970 of which less than 2 percent was supplied by Brockton.

Pumping Station No. 1, Hobomock Street (1957) a 24 x 14-in (60.96 x 35.56 cm) gravel-packed well (Pembroke W41). Tested at 550 gal/min (34.70 dm<sup>3</sup>/s); estimated safe yield, 530 gal/min (33.44 dm<sup>3</sup>/s).

Pumping Station No. 2, Center Street (1963) a 30 x 18-in (76.2 x 45.72 cm) gravel-packed well (Pembroke W240). Pump capacity and yield, 700 gal/min (44.16 dm<sup>3</sup>/s).

Pumping Station No. 3 (1971) an 18-in (45.72 cm) gravel-packed well (Pembroke W331); yield, 450 gal/min (28.39 dm<sup>3</sup>/s). As of August 1971, awaiting construction of pump house and installation of equipment.

Additional sources:

None.

Table 9.--Description of public water-supply sources (Continued)

SCITUATE, municipal system organized in 1931 by purchase of Scituate Water Company (1893). Original sources were spring and dug wells on Beaverdam Road and Old Oaken Bucket Pond, supplemented in 1928 by wells at Webster's Meadow and Kent Street. In 1970, pumped about 570,000,000 (2,157,450 m<sup>3</sup>) gallons.

Pumping Station No. 1, Beaverdam Spring (drilled 1893, presently abandoned) a 20-ft (6.10 m) deep collecting well (Scituate W2) which originally flowed 0.035 Mgal/day (1.53 dm<sup>3</sup>/s) and could be pumped at 0.06 Mgal/day (2.63 dm<sup>3</sup>/s).

Pumping Station No. 2, Kent Street (1935) a 48 x 16-in (121.92 x 40.64 cm) gravel-packed well (Scituate W4) placed in service 1935 to replace the old well field (Scituate W36). Well originally produced 0.5 Mgal/day (21.90 dm<sup>3</sup>/s) but yield fell off to 0.345 Mgal/day (15.11 dm<sup>3</sup>/s) because of sand pumping. Brackish water noted in August 1940. By July 1941 chloride concentration reached 300 mg/l and the well was shut down. Now used only for summer peak demand, but can be pumped only 2 weeks before chloride concentration exceeds U.S. Public Health Service (1962) limit for drinking water supplies. Pump capacity, 180 gal/min (11.36 dm<sup>3</sup>/s). Yield about 145 gal/min (9.15 dm<sup>3</sup>/s).

Pumping Station No. 3, Beaverdam Road (Abandoned) At one time as many as 48 2-1/2-in (6.35 cm) driven wells yielded 0.15 Mgal/day (6.57 dm<sup>3</sup>/s). In 1958, 24 wells produced 0.15 Mgal/day (6.57 dm<sup>3</sup>/s).

Pumping Station Nos. 4 and 5, Old Oaken Bucket Pond (Drilled 1912, presently abandoned) original filter plant for pond water pumped to dug well and filtered by slow sand filters. Replaced in 1924 by rapid sand filters.

Pumping Station No. 6, Cedar Street (Drilled 1936, presently abandoned) four tubular wells (Scituate W30) tested at 155 gal/min (9.78 dm<sup>3</sup>/s).

Webster Meadow Pumping Stations (1927) the site of many test wells and production wells, such as 15 6-in (15.24 cm) wells installed 1927-28 (abandoned) and pumped as a well field (Scituate W13). Replaced by the following gravel-packed wells in 1931.

Station No. 9 (Scituate W9, abandoned) original yield pumping alone, 0.22 Mgal/day (9.64 dm<sup>3</sup>/s); in 1945, yielded 0.1 Mgal/day (4.38 dm<sup>3</sup>/s).

Station No. 10 (Scituate W10) original yield, 0.2 Mgal/day (8.76 dm<sup>3</sup>/s); current yield, 0.13 Mgal/day (5.70 dm<sup>3</sup>/s).

Station No. 11 (Scituate W11) original yield, 0.3 Mgal/day (13.14 dm<sup>3</sup>/s); current yield, 0.18 Mgal/day (7.88 dm<sup>3</sup>/s).

Station Nos. 14, 15, and 16 (Drilled 1937, presently abandoned) three 10-in (25.4 cm) gravel-packed wells (Scituate W32 and W33).

Station No. 12, Gannett Street near Bound Brook (1932) a 16-in (40.64 cm) well (Scituate W12) original yield, about 0.3 Mgal/day (13.14 dm<sup>3</sup>/s). In 1969, was emergency supply with pump capacity of 160 gal/min (10.09 dm<sup>3</sup>/s) and safe yield of about 0.18 Mgal/day (7.89 dm<sup>3</sup>/s).

Pumping Station No. 17, Stearns Meadow (1944) a 24-in (60.96 cm) gravel-packed well, originally tested at 0.5 Mgal/day (21.9 dm<sup>3</sup>/s). Current safe yield is 0.4 Mgal/day (17.52 dm<sup>3</sup>/s), but operates only when nearby swamp is empty because of high color that became a problem during the drought year 1965.

Pumping Station Nos. 18 and 18a, Boston Sand and Gravel Company pit (1949) gravel-packed wells. Station 18 in service in 1949 (Scituate W18) at 0.5 Mgal/day (21.9 dm<sup>3</sup>/s). Yield lowered by sanding of well until abandoned in 1955. Replaced in 1956 by a 12-in (30.48 cm) gravel-packed well (Scituate W19) at Station 18a, 10 ft (3.05 m) from Station 18. Original yield, 0.5 Mgal/day (21.9 dm<sup>3</sup>/s); safe yield currently 0.24 Mgal/day (10.51 dm<sup>3</sup>/s), but since 1959, chloride concentration has increased seasonally with continuous pumping to meet the summer peak load.

Table 9.--Description of public water-supply sources (Continued)

Pumping Station No. 19, Edison site (1954) a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Scituate W29), yield 0.5 Mgal/day (21.9 dm<sup>3</sup>/s).

Pumping Station No. 20, Fitts site (1958) an 18-in (45.72 cm) gravel-packed well (Scituate W92); original yield, 0.3 Mgal/day (13.14 dm<sup>3</sup>/s). Current yield, 0.225 Mgal/day (9.86 dm<sup>3</sup>/s), but because of high color content and iron concentration, used intermittently on emergency basis since 1963. Not regarded as generally usable.

Pumping Station No. 21 (Drilled 1960, abandoned 1970, buried beneath new reservoir) an 18-in (45.72 cm) gravel-packed well (Scituate W49) with original yield of 0.475 Mgal/day (20.81 dm<sup>3</sup>/s). In 1963, color and iron bacteria began to increase to point where well was placed on standby duty in 1964. Yield dropped to 0.24 Mgal/day (10.51 dm<sup>3</sup>/s).

Pumping Station No. 22, Barnes property (1965) a 24 x 18-in (60.96 x 45.72 cm) gravel-packed well (Scituate W98) having original yield of 0.5 Mgal/day (21.9 dm<sup>3</sup>/s). Safe yield currently 0.4 Mgal/day (17.52 dm<sup>3</sup>/s).

Old Oaken Bucket Pond Water Treatment Plant (1970) processes water taken from Old Oaken Bucket Pond. Water supplied to pond by release from dam 2,000 ft (610 m) north that impounds 130,000,000 (492,050 m<sup>3</sup>) gallons in a reservoir between the dam and Tack Factory Pond along First Herring Brook. Safe yield in dry weather is 0.75 Mgal/day (32.86 dm<sup>3</sup>/s), expandable to 1.75 Mgal/day (76.67 dm<sup>3</sup>/s) by raising the level of impoundment 5 ft (1.52 m); and to 2 Mgal/day (87.62 dm<sup>3</sup>/s) by adding an 85 million gallon (321,725 m<sup>3</sup>) reservoir on First Herring Brook near Pincin Hill. Plant capacity, 1.5 Mgal/day (65.72 dm<sup>3</sup>/s), with 3 Mgal/day (131.43 dm<sup>3</sup>/s) pump to meet peak demand. Water mixed, flocculated, settled, and passed through rapid sand filters. Coagulation by liquid alum and caustic soda. Activated charcoal to control taste and odor; disinfected by pre- and post-chlorination and fluoridated.

WEYMOUTH, municipal system with sources in Great Pond and gravel-packed outside the basin serves that part of the town within the basin.



Table 10.--List of basic-data reports for Massachusetts, New Hampshire, and Maine<sup>1</sup>

#### MASSACHUSETTS

- \*1 Wilmington-Reading Area, by John A. Baker and Edward A. Sammel, 1961, 50 p., 2 figs. Covers an area of about 43 mi<sup>2</sup> (111 km<sup>2</sup>) in the upper part of the Ipswich River basin in northeastern Massachusetts.
- \*2 Lower Ipswich River basin, by Edward A. Sammel and John A. Baker, 1962, 47 p., 2 figs. Covers an area of about 110 mi<sup>2</sup> (285 km<sup>2</sup>) in northeastern Massachusetts.
- \*3 Lowell Area, by John A. Baker and Richard G. Petersen, 1962, 28 p., 2 figs. Covers an area of about 115 mi<sup>2</sup> (298 km<sup>2</sup>) and includes most of the metropolitan area of the city of Lowell.
- \*4 Parker and Rowley River basins, by Edward A. Sammel, 1962, 33 p., 2 figs. The rivers drain an area of about 77 mi<sup>2</sup> (199 km<sup>2</sup>) in northeastern Massachusetts.
- \*5 Brockton-Pembroke Area, by Richard G. Petersen, 1962, 46 p., 2 figs. Covers an area of about 112 mi<sup>2</sup> (290 km<sup>2</sup>) in the northern part of Plymouth County.
- \*6 Western Massachusetts, by Richard G. Petersen and Anthony Maevsky, 1962, 31 p., 1 fig. Covers an area of about 2,865 mi<sup>2</sup> (7,420 km<sup>2</sup>) and includes all of Berkshire, Franklin, Hampshire, and Hampden Counties.
- \*7 Southeastern Massachusetts, by Anthony Maevsky and Janet A. Drake, 1963, 55 p., 2 figs. Covers an area of about 1,930 mi<sup>2</sup> (4,999 km<sup>2</sup>) and includes all of Barnstable, Bristol, Dukes, Nantucket, and Plymouth Counties (exclusive of the Brockton-Pembroke Area).
- \*8 Assabet River basin, by Samuel J. Pollock and William B. Fleck, 1964, 45 p., 1 pl. Covers an area of approximately 177 mi<sup>2</sup> (458 km<sup>2</sup>) and includes parts of Middlesex and Worcester Counties.
- \*9 Housatonic River basin, by Ralph F. Norvitch and Mary E.S. Lamb, 1966, 50 p., 1 pl. Covers an area of about 530 mi<sup>2</sup> (1,373 km<sup>2</sup>) in the upper part of the basin, which is north of the Connecticut-Massachusetts State line.
- \*10 Northern part, Ten Mile and Taunton River basins, by John R. Williams and Richard E. Willey, 1967, 56 p., 1 pl., 1 fig. Covers an area of about 195 mi<sup>2</sup> (505 km<sup>2</sup>) within Bristol, Norfolk, and Plymouth Counties.
- \*11 Millers River basin, by Donald R. Wiesnet and William B. Fleck, 1967, 29 p., 1 pl., 1 fig. Covers an area of about 392 mi<sup>2</sup> (1,015 km<sup>2</sup>) within Franklin and Worcester Counties, Massachusetts, and Hillsborough and Cheshire Counties, New Hampshire.
- \*12 Taunton River basin, by John R. Williams and Richard E. Willey, 1970, 102 p., 1 pl., 1 fig. Covers an area of about 528 mi<sup>2</sup> (1,368 km<sup>2</sup>) in Bristol, Norfolk, and Plymouth Counties.
- 13 Deerfield River basin, by Bruce P. Hansen, Frederick B. Gay, and L.G. Toler, 1973, 59 p., 1 fig., 1 pl. Covers an area of 348 mi<sup>2</sup> (901 km<sup>2</sup>) in northwestern Massachusetts.
- 14 Neponset and Weymouth River basins, by R.A. Brackley, William B. Fleck, and Richard E. Willey, 1973, 51 p., 1 fig., 1 pl. Covers an area of 183 mi<sup>2</sup> (474 km<sup>2</sup>) in eastern Massachusetts south of Boston.
- 15 Hoosic River basin, by Bruce P. Hansen, Frederick B. Gay, and L.G. Toler, 1974, 33 p., 1 pl., 1 fig. Covers an area of 164 mi<sup>2</sup> (425 km<sup>2</sup>) in northwestern Massachusetts.

#### NEW HAMPSHIRE

- \*1 Southeastern Area, by Edward Bradley and Richard G. Petersen, 1962, 53 p., 5 figs. Covers an area of about 390 mi<sup>2</sup> (1,010 km<sup>2</sup>) in parts of Rockingham and Strafford Counties.
- 2 Lower Merrimack River valley, by James M. Weigle and Richard Krane, 1966, 44 p., 1 pl. Covers an area of about 396 mi<sup>2</sup> (1,026 km<sup>2</sup>) in central-southern New Hampshire.
- 3 Ashuelot River basin, by Harold A. Whitcomb, 1973, 25 p., 1 pl. Covers an area of about 420 mi<sup>2</sup> (1,088 km<sup>2</sup>) in southwestern New Hampshire.

#### MAINE

- \*1 Southwestern Area, by Glenn C. Prescott, Jr., and Janet A. Drake, 1962, 35 p., 2 figs. Covers an area of about 800 mi<sup>2</sup> (2,072 km<sup>2</sup>) in York County.
- 2 Lower Penobscot basin, by Glenn C. Prescott, Jr., 1964, 40 p., 3 figs. Covers an area of about 825 mi<sup>2</sup> (2,137 km<sup>2</sup>) in Penobscot, Hancock, and Waldo Counties.
- 3 Lower Androscoggin River basin, by Glenn C. Prescott, Jr., 1967, 63 p., 2 figs. Covers most of Androscoggin County, a large part of Oxford County, and portions of Cumberland, Kennebec, and Sagadahoc Counties.
- 4 Lower Kennebec River basin, by Glenn C. Prescott, Jr., 1968, 38 p., 2 figs. Covers most of Kennebec County, more than half of Sagadahoc County, and portions of Androscoggin, Franklin, Lincoln, and Somerset Counties.
- 5 Lower Aroostook River basin, by Glenn C. Prescott, Jr., 1970, 30 p., 2 figs. Covers an area of about 536 mi<sup>2</sup> (1,388 km<sup>2</sup>) in northeastern Aroostook County.
- 6 Lower St. John River valley, by Glenn C. Prescott, Jr., 1971, 22 p., 2 figs. Covers an area of about 204 mi<sup>2</sup> (528 km<sup>2</sup>) at the northern border of Maine.
- 7 Meduxnekeag River-Prestile Stream basins, by Glenn C. Prescott, Jr., 1971, 17 p., 2 figs. Covers an area of about 312 mi<sup>2</sup> (808 km<sup>2</sup>) in Aroostook County.
- 8 Southern Washington County, by Glenn C. Prescott, Jr., 1973, 40 p., 2 figs. Covers an area of about 720 mi<sup>2</sup> (1,865 km<sup>2</sup>) in Washington County and about 10 mi<sup>2</sup> (26 km<sup>2</sup>) in Hancock County.

<sup>1</sup>These reports are available, free of charge, at the following U.S. Geological Survey offices:

U.S. Geological Survey  
150 Causeway Street, Suite 1001  
Boston, MA 02114

(Massachusetts reports only)

U.S. Geological Survey  
Federal Building, Room 307  
55 Pleasant Street  
Concord, NH 03301

(New Hampshire reports only)

U.S. Geological Survey  
State House Annex  
Capitol Shopping Center  
Augusta, ME 04330

(Maine reports only)

An asterisk indicates that the report is out of print but may be consulted at the above offices and at many public and educational institution libraries.

- NOTES -



