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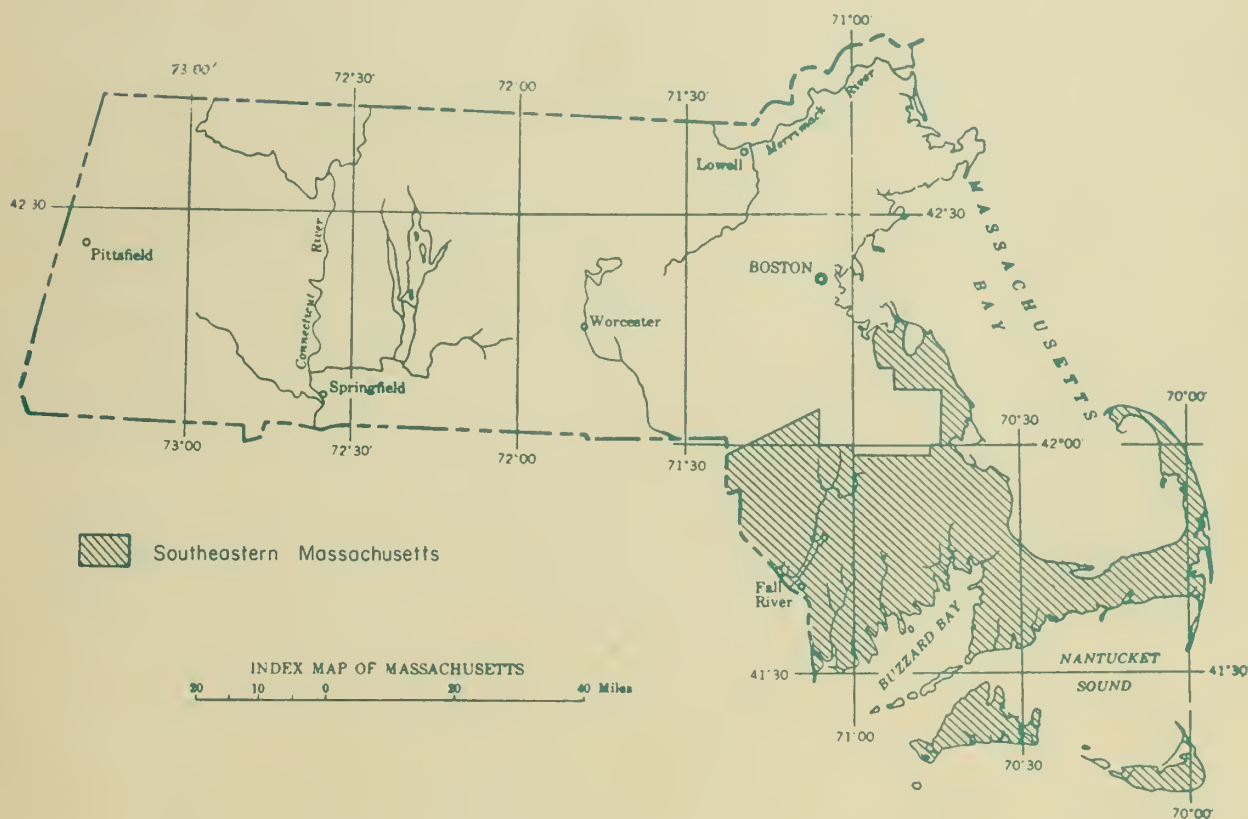
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MASSACHUSETTS BASIC-DATA REPORT NO. 7
GROUND-WATER SERIES

SOUTHEASTERN MASSACHUSETTS

By

ANTHONY MAEVSKY AND JANET A. DRAKE



PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION

1963



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UNITED STATES
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Geological Survey

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GROUND-WATER SERIES

SOUTHEASTERN MASSACHUSETTS

Records and logs of selected wells and test holes and
chemical analyses of water in southeastern Massachusetts

By

Anthony Maevsky and Janet A. Drake

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

Boston, Massachusetts

1963

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INTRODUCTION

The southeastern Massachusetts area (see fig. 1) covers about 1,930 square miles and includes all of Barnstable, Bristol, Dukes, Nantucket, and Plymouth Counties except for 112 square miles in the Brockton-Pembroke area which is covered in Massachusetts Basic-Data Report No. 5.

This report presents basic data collected by the U. S. Geological Survey as part of investigations of the ground-water resources of southeastern Massachusetts in cooperation with the Massachusetts Department of Public Works and the Massachusetts Water Resources Commission. These data have been prepared for release in order to make available to the public basic ground-water data that will be useful in studying and planning water-resources development.

Most of the data contained in this report were collected by Richard J. Hecht, James M. Weigle, and Charles E. Shaw, Jr. during the period 1954-61. The data include records of 915 wells and test holes (table 2), logs of 293 wells and test holes (table 3), measurements of water levels in 22 wells (table 4), and chemical analyses of 20 water samples (table 1). This report does not attempt to record all of the known wells in the area. The data given are for selected, representative wells only.

The surficial geology shown on figure 1 is taken from a map by R. J. Hecht.^{1/} The map shows the general areas underlain by till and stratified deposits. The stratified deposits principally are glacial outwash, ice-contact, and lacustrine deposits with minor amounts of alluvium. In general they overlie till and bedrock or older unconsolidated deposits. The stratified deposits, where permeable and saturated, constitute the most productive water-bearing deposits in the area. Till is a heterogeneous mixture of unstratified and poorly sorted clay, silt, sand, gravel, cobbles, and boulders deposited by glacial ice. In figure 1, outcrops of bedrock are included with the till. Till yields small quantities of water to shallow, large-diameter wells. Bedrock contains water only in cracks, and yields small to moderate quantities of water to drilled wells.

WELL-NUMBERING AND LOCATION SYSTEM

In Massachusetts each well is designated by a symbol whose first term is the name of the town or city in which the well is located and whose second term is a number that is assigned in the order in which the well was inventoried within the city or town. In the tables the name of the town or city and the number are given, but on the map (fig. 1) only the number appears beside the symbol of the well it represents. Thus, the well designated as Plymouth 22 in the tables is represented on the map by the well symbol numbered 22 in the town of Plymouth.

For ease in locating the wells and test holes on the map, a coordinate system is used based upon the $7\frac{1}{2}$ -minute quadrangle map series in New England. The location designation for each well and test hole is listed in table 2. The coordinate designators are shown on the margins of the map (fig. 1).

^{1/} Reconnaissance map of southeastern Massachusetts showing the distribution of deposits of Quaternary age: U. S. Geological Survey open-file report (1956).

Table 1.--Chemical analyses of water from selected wells and ponds in southeastern Massachusetts

(Analytical results in parts per million except as indicated.)

(Analyses by U. S. Geological Survey.)

Well no.	Location	Geologic unit	Date of collection	Temperature (°F)	Silica (SiO ₂)	Dissolved iron (Fe)	Total iron (Fe)	Dissolved Manganese (Mn)	Total Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Carbonate (CO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Dissolved solids (residue on evaporation at 180°C)	Calcium, magnesium	Hardness as CaCO ₃	Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color
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BRISTOL COUNTY

Taunton 70	V8 Bedrock		10-28-55	53	24	0.48	2.0	0.37	0.42	15	2.5	14	1.1	48	0	25	13	0.3	0.3	0.3	0.16	50	11	182	6.9	23
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FLYMOUTH COUNTY

Carver 31	Y7 Outwash		3-22-61	51	4.3	.01	.20	.0	.0	4.0	1.1	9.1	1.7	5	0	13	13	.1	5.4	56	15	11	97	5.6	0	
Mattapoisett 67	X6 Bedrock		3-21-61	49	25	.93	1.6	.3	.3	37	9.1	11	3.7	155	0	10	16	.2	.1	.1	197	130	3	307	7.0	30
Middleborough 56	X7 do.		3-21-61	49	11	.03	.11	.0	.0	3.2	2.0	5.8	.5	26	0	4.8	4.0	.1	.1	.1	59	16	0	68	6.8	0
	78 X7 Outwash		3-22-61	43.5	4.4	.00	.09	.0	.0	4.6	.9	4.1	.9	10	0	9.5	7.0	.1	1.8	.1	41	15	7	68	5.8	0
Plymouth 35	Y7 do.		4-19-60	-	5.1	.01	.50	.01	.05	3.2	2.0	4.4	.4	10	0	7.2	6.6	.1	.3	.3	33	16	8	52	6.2	3
36	Y7 do.		4-19-60	44	3.3	.01	.21	.02	.03	5.0	1.2	4.8	.5	4	0	7.5	12	.0	.2	.2	36	18	14	62	5.6	1
Rochester 80	X6 Till		4-19-60	-	4.7	.01	.07	.00	.03	9.8	1.9	10	2.8	32	0	17	5.9	.1	8.5	.1	80	33	7	129	6.6	1
83	X7 Outwash		4-19-60	50	5.3	.04	.26	.00	-	19	1.4	33	3.4	16	0	60	26	.1	19	.1	176	54	41	257	5.4	20
97	X7 Till		3-22-61	50	11	.00	.03	.0	.0	5.2	1.4	13	3.5	12	0	18	9.8	.1	15	.1	89	19	9	133	6.0	0
Wareham 40	X7 Outwash		3-23-61	52	4.8	.00	.19	.0	.1	3.8	.8	3.1	1.2	4	0	10	5.0	.1	1.2	.1	35	11	8	55	5.3	0
44	Y6 do.		3-23-61	44	3.9	.02	.07	.0	.0	26	1.1	4.7	.7	51	0	7.4	18	.1	11	.1	120	70	28	181	6.8	3
84	Y7 do.		3-23-61	53	5.5	.00	.02	.0	.0	1.2	1.5	5.3	.7	5	0	6.5	7.2	.1	.5	.5	35	9	5	56	5.6	0
Charge Pond	Y7 do.		4-16-60	55	.9	.01	.06	.03	.05	2.2	.6	3.8	.5	2	0	5.3	6.7	.0	.2	.2	21	8	7	38	5.3	0
College Pond	Y7 do.		4-19-60	52	101	.00	.05	.00	.01	3.6	.2	4.3	.5	4	0	5.0	7.6	.0	.6	.6	24	10	7	21	5.7	1

Table 1.--Chemical analyses of water from selected wells and ponds in southeastern Massachusetts--Continued

Well no.	Location	Geologic unit	Date of collection	Temperature (°F)	Silica (SiO ₂)	Dissolved Iron (Fe)	Total Iron (Fe)	Dissolved Manganese (Mn)	Total Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Carbonate (CO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Dissolved solids (residue on evaporation at 180°C)	Calcium, magnesium	Noncarbonate	Hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Color	
BARNSTABLE COUNTY																											
Bourne 23	Z6	Outwash	4- 3-56	48	10	-	.29	-	.08	4.6	1.8	7.0	18	0	5.8	9.5	.0	.1	55	19	4	73.1	6.2	2			
Sandwich 153	Z6	do.	3-18-53	-	11	-	.06	-	-	3.5	1.8	14	32	0	9.4	7.2	.3	1.0	66	16	0	96.7	6.1	0			
154	Z6	do.	9-14-53	56	7.3	-	.02	-	-	5.5	.3	18	-	8.0	0	6.2	20	.0	.16	81	15	8	141	5.9	5		
155	Z6	do.	3-18-53	-	13	-	.06	-	-	2.0	1.1	14	26	0	5.6	9.0	.2	.5	62	10	0	88.1	6.8	0			
Wellfleet 41	EE8	do.	7- 2-53	52	4.2	-	.02	-	-	1.3	2.1	13	4.3	0	6.8	20	.0	.6	54	12	8	91.5	6.0	0			

Table 2.--Records of selected wells and test holes in southeastern Massachusetts

Well no: For explanation of well-numbering system, see text.
 Location: For explanation of well-location system, see text.
 Altitude of land-surface datum: Altitudes expressed in feet and tenths or in feet, tenths and hundredths are measured; those expressed in whole feet are reported. Depths are below land-surface datum, except when preceded by a + indicating they are above land-surface datum.
 Use: C, commercial or industrial; D, domestic; Ir, Irrigation; N, unused; O, observation; PS, public supply; S, stock; T, test.
 Type of well: A, augered; Co, collector; Dn, driven; Dr, drilled; Du, dug; J, jetted.
 Depth of well: Depths expressed in feet and tenths are measured; those in whole feet are reported.
 Depth to bedrock or refusal: An "R" appended to the depth indicates the well or test hole was bottomed at refusal which may be bedrock, a boulder, a hard or cemented layer, or till.

Well no.	Location:	Owner or user	Year completed	Altitude of surface datum (feet)	Year of land-surface datum	Depth of well (feet)	Diameter of well (inches)	Type of well	Principal water-bearing material	Character of unit	Geologic level (feet)	Date of measurement	Type of pump	Remarks
:	:	:	:	:	:	:	:	:	:	:	:	:	:	:

BARNSTABLE COUNTY

BARNSTABLE

1	BB 6	Barnstable Water Co.	-	10	Dr	73.7	12	-	Outwash	-	7.2	2-14-46	PS	Su : GP. T 50. Y 550; dd 10 after 13 hrs. Twenty ft. of screen. Barnstable 1-3 pumped at 1,300 gpm on a common suction line.
2	BB 6	do.	-	10	Dr	73.5	8-6	-	do.	-	5.3	6-3-49	PS	Su : GP. Y 400; dd 14.7. Thirty ft. of screen.
3	BB 6	do.	-	10	Dr	73.5	8-6	-	do.	-	4.4	6-3-49	PS	Su : GP. Y 440; dd 9.9. Thirty ft. of screen.
7-30	BB 6	do.	1912	30	J	25-	2½	-	do.	-	4	7-55	PS	Su : Wells bottomed at clay or marl.
31-56	BB 6	do.	1918	30	J	30	2½	-	do.	-	-	-	PS	- : Y 30 each.
57	BB 6	do.	-	35	Dn	30.4	2½	-	do.	-	9.1	8-50	T	- : L.
58	BB 6	do.	-	35	Dr	65	12	-	do.	-	10	-	PS	- : GP. Y 500; dd 19.7 after 12 hrs. Barnstable 7-56, 58 pumped at 1,000 gpm on a common suction line
59-63	AA 6	Cotuit Fire Dist.	-	40	Dr	30-32	60-6	-	do.	-	2.5	7-55	PS	- : GP. Y 500.
73	BB 6	United Cape Cod Cranberry Co.	1942	10	Dr	100	8	-	-	-	-	-	C	Su : T 52. Y 240; dd 8. Twenty ft. of screen.
80	AA 6	W. Barnstable School	1923	50	Dn	75	3	-	Sand	-	-	-	D	-
81	AA 6	Marston Mills High School	-	50	Dn	30.3	2	-	Outwash	-	29	8-3-50	PS	- : L. T 52. Reported well depth, 47 ft.
89	AA 5	Theodore Pitcairn	-	10	Dn	10.2	2	-	-	-	4.4	8-14-50	D	- : T 58.
92	BB 6	Addie Makepeace	-	45	Dn	75	2	-	-	-	-	-	D	-
93	BB 6	Paul Atwood	-	100	Dn	80	2	-	Outwash	-	65	8-14-50	D	J : Hard pebbly material 0-20 ft, sand beyond 20 ft.
94	BB 6	Harold Williams	-	35	Dn	86	2	-	-	-	18	-	D	Su : "Strata of hardpan" 8 ft thick at 34 ft.
97	BB 6	Victor Adams	-	30	Du	6	30'x60'	-	-	-	-	-	Ir	-
98-102	AA 6	L. Hadley	-	50	Dr	226	8	-	-	-	21.7	-	S	- : T 53. Y 65. One of 5 wells.
104	AA 6	Attanemi	1950	115	Dn	113	-	-	Outwash	-	102	7-50	-	-
107-156	AA 6	Centerville-Osterville Fire Dist.	1938	9	J	45	2½	-	do.	-	5	-38	PS	Su : L. Y 500.
157	AA 6	do.	-	24.2	Dn	44.3	2½	-	-	-	15.55	8-11-51	O	- : T 49.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Year of completion	Altitude of datum (feet)	Type of surface well	Depth of well (feet)	Diameter of well (inches)	Bedrock or refusal	Principal water-bearing material	Geologic unit	Level of water (feet)	Date of measurement	Type of pump	Remarks
158-160	AA 6	Centerville-Osterville Fire Dist.	1938	15	Dr	55-60	54-8	-	-	Outwash	-	-	PS	Su : GP. T 50.
161	AA 6	do.	-	14.3	Dn	42.9	2½	-	-	do.	10.50	8-11-50	O	-
162-177	AA 5	Oyster's Harbor Club	-	20	Dn	-	2½	-	-	-	-	-	PS	-
179	BB 6	Centerville-Osterville Fire Dist.	-	35	-	68	-	-	-	-	5.8	-	T	-
192-200	BB 6	Mass. Dept. Pub. Wks.	1949	179	Dn	58	2½	-	Sand	-	-	-	T	-
224	AA 5	Cotuit Fire Dist.	1952	20	Dr	38	72-24	-	-	Outwash	-	-	PS	T : GP. Y 500. L.
225	BB 6	Centerville-Osterville Fire Dist.	1954	30	Dr	-	-	-	-	do.	-	-	PS	T : GP. Y 400.
228	BB 6	Barnstable Fire Dist.	1954	40.5	Dr	61	48-24	-	-	do.	11.8	4- -54	PS	T : GP. Y 420; dd 17.4. L.
229	BB 6	Barnstable Water Co.	-	15	Dr	75	12	-	-	do.	9	7- -55	PS	T : GP. Y 600; dd 20.
230	BB 6	U. S. Geol. Survey	1957	40	Dn	37	1½	-	Sand	-	22.99	1-29-58	O	-
231-238	BB 6	Mass. Dept. Pub. Wks.	1953	90	Dn	30	2½	-	do.	-	21	-	T	-
239-246	BB 6	do.	1953	114	Dn	39	2½	-	do.	-	-	-	T	-
247	BB 6	U. S. Geol. Survey	1962	50	Dn	49	1½	-	do.	-	28.70	11-19-62	O	-
1-3	Z 6	Bourne Water Dist.	-	20	Dr	-	49-71	-	-	Outwash	-	-	PS	Su : GP. L. Y 813; dd 10 after 288 hrs.
7-11	Z 7	South Sagamore Water Dist.	-	20	Dn, J	47	2½	-	-	do.	4.42	-	PS	Su : Y 124.
12-22	Z 7	North Sagamore Water Dist.	-	10	Dn, J	24-47	2½	-	-	do.	-	-	PS	Su : L. Y 88; dd 2.1 after 192 hrs.
23	Z 6	U. S. Army	-	68	Dr	94	24	-	-	do.	14	-	PS	T : C. GP. Y 833; dd 5 after 22 hrs. Forty-five ft. of screen. Present pumping rate 1,300 gpm.
27	Z 6	Camp Edwards	1940	73	Dn	102	2½	-	-	-	11.38	8- 7-50	PS	-
30	Z 6	do.	-	55	Dn	82.8	2½	-	-	-	+1.65	8- 7-50	PS	Su : Y 12.
44, 45	Y 6	Tobey Club	-	10	Dn	35	-	-	Sand	-	16	-	D	-
46	Z 6	Old Windmill Tea Room	1928	80	Dn	30	2½	-	do.	-	-	-	D	-
48	Y 6	Frank Flannigan	1950	10	Dn	17	-	-	do.	-	13	-	D	-
49	Z 6	James M. Chase	-	35	Dn	22	1½	-	-	-	15	-	D	-
50	Z 6	Pocasset Golf Club	-	40	-	25.1	1	-	-	-	17.8	7-27-50	PS	-
55	Z 6	Bourne Grammar School	-	20	Dn	21.8	2	-	-	-	19.3	7-26-50	PS	-
57	Z 7	Coca Cola Bottling	-	95	-	125	6	-	-	-	70	-	C	T : T 54.
62-67	Z 6	Monument Beach Water	-	5	-	16	2	-	-	Outwash	-	-	PS	Su : Y 100.
68-79	Z 6	Corps of Engineers	-	0-12	Dn	105	2½	-	-	-	-	-	T	-
80	Z 7	do.	1933	10	Dn	120	-	-	-	Bedrock	-	-	T	-
107	Z 7	do.	1933	20	-	128	-	-	-	-	23.5	-	T	-
122-131	Z 7	Mass. Dept. Pub. Wks.	-	21	Dr	39	2½	-	Sand	-	16.7	-	T	-
136	Z 6	Bourne Water Dist.	-	20	Dr	-	-	-	-	Outwash	5	5- 2-55	PS	Su : GP. Bourne 1-3 and 136 are pumped at 1,100 gpm on a common suction line.
137	Z 6	do.	1954	40	Dr	-	-	-	-	do.	-	-	PS	-

BOURNE

Table 2.---Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Altitude: of land--Type: of surface: pleted: datum: (feet)	Depth: Diameter: of well: (feet): (inches): (feet):	Principal water-bearing material: Character: unit	Level: Date of measure-ment	Type: Use of: pump:	Remarks
BARNSTABLE COUNTY (Continued)								
BOURNE (Continued)								
138-147	Z 7	North Sagamore Water Dist.	10	J : +50 : 2½	Outwash	-	PS : Su : Y 350.	
148-190	Z 7	Buzzards Bay Water Dist.	30	J : 40-60 : 2½	do.	-	PS : Su : Y 650.	
191-196	Z 7	South Sagamore Water Dist.	20	J : - : 2½	do.	6	PS : Su : Yield of well battery, Bourne 7-11, 191-196 is 250 gpm.	
197	Y 6	H. W. Thayer	18	Dn : 35 : 2½	Sand	13.61	D : DP : Y 15.	
198	Z 6	U. S. Geol. Survey	60	Dn : 50 : 1¼	do.	38.76	11-20-62: 0 : - : L.	
BREWSTER								
4-6	DD 7	Town of Brewster	30	Dn : 37 : 2½	-	3	T : - : Brewster 4 pulled back from 47 ft. L.	
16	DD 7	Dept. of Natural Resources	55	Dn : 53 : 2	Outwash	-	PS : DP :	
17	DD 6	Paul T. Finlay	65	Dn : 55 : 2	do.	-	D : DP :	
18	DD 6	Myron Tubman	1930	Dn : 115 : 2	do.	40	D : DP : Reported corrosive.	
19	DD 7	Milton Gray	1940	Dn : 115 : 2	do.	-	D : DP :	
20	DD 6	Ben Crooker	1938	Dn : 110 : 2	do.	-	D : DP :	
21	DD 7	U. S. Geol. Survey	1957	Dn : 90 : 2½	do.	-	D : DP :	
22	DD 7	do.	1962	A : 24.8 : 1¼	Sand	13.27	9-26-57: 0 : - : Y 63. L.	
23	DD 6	U. S. Air Force	1962	Dr : 40 : 7	do.	33.57	11-19-62: 0 : - : L.	
24	DD 6	do.	1962	Dr : 1000 : 7	Bedrock	-	T : - : L.	
CHATHAM								
1	DD 6	Chatham Water Co.	1945	Dr : 38 : 24	Outwash	5	PS : T : GP. Y 285.	
2	DD 6	do.	1949	Dr : 35 : 24	do.	-	PS : Su : GP. Y 500. Ten ft. screen.	
3	DD 6	do.	15	- : 9.4 : -	do.	3.1	0 : - : T 52.	
4-27	DD 6	do.	1933	Dn : 29-36 : 2½	do.	6	PS : - : Y 500. Four ft. of screen.	
79	EE 6	Acme Laundry Inc.	20	Dn : 28.2 : -	do.	11.6	C : - : T 58.	
82	EE 6	Chatham School	1933	Dn : 75 : 2½	do.	25	- : - : L.	
83	EE 6	Town of Chatham	1928	Dn : 18 : 1¼	do.	-	PS : - : Contained iron, unfit for domestic purposes.	
84	EE 6	do.	1929	Dn : 69 : 1¼	-	-	T : - : Y 60. Swampy odor, unfit for domestic purposes.	
87	EE 6	do.	1929	Dn : 53 : 1¼	-	-	T : - : Unfit for domestic use.	
88	EE 6	do.	1929	Dn : 37 : 1¼	-	-	T : - : Bad odor, unfit for domestic purposes.	
89	DD 6	do.	1929	Dn : 42 : 1¼	-	-	T : - : Unfit for domestic use.	
90	DD 6	do.	1929	Dn : 80 : 1¼	-	-	T : - : Y18. Unfit for domestic purposes.	
91	DD 6	do.	1929	Dn : 32 : 1¼	-	-	T : - : Y 60. Bad odor and color, unfit for domestic use.	
93	DD 6	do.	1929	Dn : 43 : 1¼	-	-	T : - : Unfit for domestic use.	
94	DD 6	do.	1929	Dn : 32 : 1¼	-	-	T : - : Y 50. Unfit for domestic purposes.	
95	EE 6	National Cranberry Growers Assoc.	1945	Dr : 82 : 8	Outwash (?)	-	C : - : Y 250. T 55. Screened 66-82 ft. Level fluctuates with tide. Brackish.	
138	DD 6	U. S. Geol. Survey	1962	A : 44 : 1¼	Sand	32.65	11-19-62: 0 : - : L.	

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed	Altitude of surface of well, (feet)	Depth of well, (feet)	Diameter of well, (inches)	Principal water-bearing material	Character of unit	Geologic unit	Level of water, (feet)	Date of measurement	Type of pump	Remarks
BARNSTABLE COUNTY (Continued)													
DENNIS													
1-5	CC 6	Town of Dennis	1946	30	40-45	48-8	Dr	-	Outwash	15	7-11-55	PS	Su : GP. L. Y 700.
6	CC 6	do.	-	30	37.7	8	Dn	-	-	15.2	-	T	- : T 51.
10	CC 6	William F. Crowell	-	15	17.2	1 1/4	Dn	-	-	11.3	8-21-50	Ir	Su : "Surface" water at 40 ft.
11	CC 6	Harry Sears	-	90	96	2	Dn	-	-	-	-	D,N	- : D 54.
13	DD 6	Mrs. J. Strong	-	20	18	1 1/2	Dn	-	-	10	-	D	Su : T 56.
14	CC 6	W. L. Colby	-	10	12.9	1 1/4	Dn	-	-	8.9	8-22-50	D	- : T 56.
15	CC 6	Gus Kennedy	-	5	285	2	Dr	-	-	-	-	-	- : Y 4. Four ft. of screen.
16	CC 6	E. Long	-	20	380	6	Dr	-	Outwash (?)	16	-	-	- : Y 4. Four ft. of screen.
17-25	CC 6	Mass. Dept. Pub. Wks.	-	6.5	73	2 1/2	Dn	-	Sand	-	-	T	- : L. One of 9 borings.
26-29	CC 6	do.	1949	2	42	2 1/2	Dn	-	do.	-	-	T	- : L. One of 4 borings.
30-45	CC 6	do.	1934	9	53	2 1/2	Dn	-	do.	-	-	T	- : L. One of 16 borings.
58-61	CC 6	do.	1953	-6.7	38.5	1	Dn	-	do.	-	-	T	- : L. One of 4 borings.
62-69	CC 6	do.	1954	50.7	39.7	1	Dn	-	do.	23.8	2-54	T	- : L. One of 8 borings.
EASTHAM													
1-10	EE 7	Mass. Dept. Pub. Wks.	1941	.3	65	2 1/2	Dn	-	Outwash	-	-	T	- : L. One of 10 borings.
12	EE 7	Roy E. French	1947	40	28	2	Dn	-	do.	16	-	D	J
13	EE 7	Mrs. George Nickerson	1947	50	40	2	Dn	-	do.	-	-	D	DP
15	EE 7	Roger Lindholm	1947	45	37	2	Dn	-	do.	-	-	D	Su : Reported high in iron.
16	EE 7	W. R. MacPherson	1947	40	50	2	Dn	-	do.	41	-	D	J : Reported high in iron at 35 ft, low in iron at 50 ft.
17	EE 7	Mrs. David Mead	1947	55	43	2	Dn	-	do.	35	-	D	J
18	EE 7	LaPiana	-	60	52	2	Dn	-	Sand	-	-	D	- : Low iron content.
FALMOUTH													
5	Z 5	Town of Falmouth	1945	8	50	2 1/2	Dn	-	-	4.67	8-20-50	C, O	- : T 51. Observation well since 1952.
8-17	Z 5	do.	-	-	-	-	Dn	-	Outwash	10	1-25-50	PS	Su : Y 400.
65	Z 5	Robbins Laundry	1942	5	+60	2 1/2	Dn	-	-	12	-	C	Su : Y 180.
66	Z 5	Conanassett Ranch	1949	40	64	8	Dr	-	Outwash	15	-	-49:PS, Ir	- : Y 600.
67	Z 6	do.	1949	60	64	8	Dr	-	do.	15	-	-49:PS, Ir	- : Y 600. Twenty ft. screen.
68	Z 5	Feriera	1949	40	100	8	Dr	-	do.	30	-	-49: Ir	T : Y 120. Fifteen ft. screen.
69	Z 5	Concrete Products Co.	-	10	15	2	Dn	-	do.	5	1-11-50	C	- : Y 13.
70	Z 5	A. J. Shepherd	-	10	9	1 1/2	Dn	-	do.	7	1-11-50	D	Su : Y 5.
71	Z 5	Lawrence Luce	1949	15	35	1 3/4	Dn	-	do.	14	1-12-50	D	- : Y 4.
72	Z 5	C. M. Williams	-	45	30	1 1/2	Dn	-	do.	25	1-16-50	D	Su : L.
73	Z 6	Conanassett Ranch	-	100	50	2 1/2	Dn	-	-	40	1-17-50	D	-
80	Y 6	Airport	-	-	-	-	Dn	-	-	58	8-10-50	D	-
81	Z 5	Robelard Bay Shore	-	55	64	-	Dn	-	-	-	-	D	-
85	Z 5	I Gomez	-	50	50	-	Dn	-	-	22.8	-	D	-
90-92	Z 5	Ray Cottage	-	80	48.5	2-1 1/2	Dn	-	-	-	-	-	-
97-111	Z 5	D. W. Dimmock	-	35	12	35	Du	-	Clay	-	-	-	-
112-122	Y 5	-	-	45	-	45	-	-	-	-	-	-	-
123-128	Y 5	Mass. Dept. Pub. Wks.	1936	-4	35	2 1/2	Dn	-	Sand	-	-	T	- : L. One of 11 borings.
129-133	Z 5	do.	1944	5.5	55	2 1/2	Dn	-	do.	-	-	T	- : L. One of 6 borings.
			-	1.3	45.3	2 1/2	Dn	-	do.	-	-	T	- : L. One of 5 borings.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed:	Altitude: of datum:	Depth: of well:	Principal water-bearing material:	Geologic Character:	Level: Date of measurement:	Type: of use:	Remarks
				(feet)	(feet): (inches):		unit			
BARNSTABLE COUNTY (Continued)										
PALMOUTH (Continued)										
134-137	Z 5	Mass. Dept. Pub. Wks.	-	0	47	2 1/2	-	-	-	-
138-147	Y 5	do.	-	0	50	2 1/2	-	-	-	-
152	Z 5	do.	-	1.3	56.7	-	-	-	-	-
155-160	Y 5	do.	-	5.8	37	2 1/2	-	3.5	-	-
162	Z 5	Ed Perry	-	20	36	2	-	-	-	-
163, 164	Y 5	Mass. Dept. Pub. Wks.	1953	2.5	17.5	1 1/2	-	-	-	-
165-185	Y 5	do.	1958	79	29	2	29R	-	-	-
HARWICH										
1	DD 6	Town of Harwich	1936	20	28	-	-	3.9	3-18-36	PS : Su : GP. Harwich 1-4 are pumped at 1000 gpm on a common suction line.
2	DD 6	do.	1936	20	33.8	-	-	5.6	3-18-36	PS : Su : GP.
3, 4	DD 6	do.	1936	20	-	2 1/2	-	6.5	8-24-50	0 : - : T 53.
5	DD 6	do.	1936	20	30.5	3	-	-	-	-
17	DD 6	Harwich High School	-	50	76	3	-	-	-	-
24	DD 6	Lowell Kingsbury	-	10	66.3	1 1/4	-	4.65	9-9-50	D : - : L.
25	DD 6	Hansen	-	25	50	-	-	-	-	-
27	DD 6	Red River Ice Co.	1952	25	37	60-24	-	10-17	-	C : - : GP. Y 800; dd 7 after 3 hrs.
36-47	DD 6	Kendrick's Bog	-	20	14	2	-	4-5	-	Ir : - : Y 500.
49	DD 6	Town of Harwich	-	35	67.3	48-24	-	-	-	PS : - : GP. L.
54	DD 6	do.	-	35	J	2	-	23.5	7-11-55	T : - : L.
55-65	DD 6	Mass. Dept. Pub. Wks.	1951	5.6	50.4	1	-	-	-	-
66-73	DD 6	do.	1955	52	35	1	-	4.5	4-55	T : - : L. One of 8 borings.
75	DD 6	U. S. Geol. Survey	1957	50	48	2 1/2	-	35-40	9-57	T : - : L. Not usable as observation well.
76-82	DD 6	Mass. Dept. Pub. Wks.	1955	75.8	35	1	-	-	-	-
83-89	DD 6	do.	1955	55.5	61	1	-	-	-	-
90-97	DD 6	do.	1954	48.2	40	1	-	22.2	9-57	T : - : L. One of 7 borings. All reported dry.
98-105	DD 6	do.	1954	13.9	32	1	-	30.0	8-54	T : - : L. One of 8 borings.
106	DD 6	U. S. Air Force	1961	25	Dr : 1000	7	435	31.5	11-22-61	T : - : L.
MASHFEE										
1	AA 5	-	-	10	54	2 1/2	-	3.4	8-5-50	N : - : T 54.
2	AA 6	Bessie Sturgis	-	85	57	1	-	50	-	D : - : -
3	AA 6	Edward Mitchell	-	45	27	2	-	21	8-1-50	D : - : -
4	AA 5	A. C. Phillips	-	50	50	1 1/2	-	40	-	D : - : -
6	Z 5	John Hagg	-	50	21	-	-	16	-	D : Su : -
7	Z 5	D'Argostino	-	15	Dr : 17.4	1	-	13.8	8-2-50	D : Su : Reported slightly brackish.
12	Z 6	Winthrop Robbins	-	50	Dr : 10.9	1 1/4	-	5.5	8-12-50	D : Su : T 51.
13	AA 6	U. S. Geol. Survey	1962	75	A : 65	1 1/4	-	36.27	11-20-62	O : - : L.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year of completion	Altitude of surface of well, (feet)	Depth of well, (feet)	Diameter of well, (inches)	Bedrock or refusal	Principal character of water-bearing material	Geologic level, (feet)	Date of measurement	Type of use	Remarks
BARNSTABLE COUNTY (Continued)												
ORLEANS												
4	EE 7	Marcelle Norgeot	-	65	Dn : 60	-	-	-	-	-	D	DP : Reported high in iron.
5	EE 7	Everett Winslow	-	30	A, Dn : 62	2	-	-	-	-	D	- : L.
7	EE 7	Howard Rogers	-	95	A, Dn : 118	4	-	-	97	-	D	- : L.
8	EE 7	Huber Huntley	-	60	Dn : 83	2	-	-	-	-	D	J : Reported corrosive.
9,10	EE 6	Mass. Dept. Pub. Wks.	1954	2.8	Dn : 34	1	-	-	-	-	T	- : L. One of 2 borings.
PROVINCETOWN												
11	CC 9	Town of Provincetown	1898	30	Du : 14-18: 110'x82'	-	-	-	12	1899	PS, N	- : Iron content low after construction but very high after 6 months of use.
12	CC 9	do.	-	30	top : 80'x60'	-	-	-	-	-	PS, N	- : L.
13	CC 9	do.	1905	30	bottom : 48	-	-	-	13	-06	PS, N	- : Y 300. GP. Auxiliary supply.
16	CC 9	do.	-	5	Dn : 420	8-6	-	-	-	-	PS	- : CP. T 60. Auxiliary supply.
17	CC 9	do.	-	5	Dn : 31	-	-	-	1.6	8-23-50	PS	- : Do.
18	CC 9	do.	-	5	Dn : 22	8	-	-	5.73	8-23-50	PS	- : Do.
20	CC 9	Race Point Lighthouse Station	-	12	Dn : 13	1 1/2	-	-	-	-	D	- : Y 450. Exact number of wells unknown.
21-32	CC 9	Consolidated Ice Co.	-	10	Dn : 22	3	-	-	-	-	C	- : Y 450. Exact number of wells unknown.
33	CC 9	U. S. Coast Guard	-	30	Dn : 10	1 1/2	-	-	-	-	PS	- : Y 10.
SANDWICH												
3	Z 6	John Coe	1949	140	Dr : 98	6	-	-	80	-49	D	- : Y 15. T 51. Two ft. screen. L.
4	Z 6	Sims	1949	145	Dr : 108	2 1/2	-	-	90	-49	D	- : L. Two ft. screen.
5	Z 7	Sandwich Water Dist.	1947	10	Dn : 64.5	2 1/2	-	-	0.3	-	T	- : L. Y 53; dd 2.3.
13	AA 6	Carlton	1942	50	Dr : 95	6	-	-	70	1-18-50	T	- : L. Y 25.
23	AA 6	Donald Bourne	-	80	Dn : 183(?)	2 1/2	-	-	60	1-18-50	-	DP : L. Y 5.
24	Z 6	Newman	1949	125	Dn : 65	2	-	-	58	1-19-50	D	J : L. Y 15.
25-66	AA 6	State Fish Hatchery	-	15	Dn : 60	1 1/2	-	-	+5	1-19-50	C	- : L. T 50. Flowing yield 480 gpm.
67-108	AA 6	do.	-	15	Dn : 40	1 1/2	-	-	7	1-19-50	C	- : Wells flow into pond.
109-116	AA 6	do.	1950	5	Dn : 49	2	-	-	+5	1-19-50	C	- : Flowing yield of each well 2-15 gpm.
117	AA 7	Wing School	1926	50	Dn : 51.6	2	-	-	28.3	7-24-50	N	- : L. Y 320; dd 10 after 2 hrs. Flowing yield 170 gpm.
119	AA 6	John Ever	1948	118	Dn : 62	2 1/2	-	-	54	1- -50	D	- : T 58. Y 10. Reported surficial material, clay.
121,122	AA 6	Roll-Mor Lodge	-	75	Dn : 40-50	2	-	-	3-4	1-20-50	D	- : Observation well 1950-52.
123	AA 6	William Van Buskirk	-	135	Dr : 91	6-2	-	-	75	1-20-50	D	- : T 49.
138	Z 7	Town of Sandwich	-	29	-	50	-	-	+1.5	8- -50	-	- : T 49.
139	AA 7	Robert Page	-	20	Dn : 24.7	-	-	-	13.7	7- -50	D	- : T 49.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Altitude: of land--Type: of surface: of datum: (feet):	Depth: Diameter: of well: (feet):	Principal water-bearing material: Character: unit	Level: Date of measurement: (feet):	Type: of Use: pump:	Remarks
143	AA 6	Holway	40	82	Dn	9.5	D	Brown color and high iron.
146	AA 7	Karl Lunberg	15	27.8	Dn	7-22-50:	-	T 53.
147	AA 7	Leon Simudis	1950	48	Dn	15	D	T Y 12. Restaurant.
150	AA 6	John F. Long	85	80.2	Dn	54.1	D	T 53.
153	Z 6	U. S. Army	1940	67	Dr	8	PS	T GP. C. Y 729; dd 3.3 after 33 hrs.
154	Z 6	do.	1940	74.5	Dr	10.5	PS	T GP. C. Y 833; dd 4.3 after 24 hrs.
155	Z 6	do.	1940	75.5	Dr	11.5	PS	T GP. C. Y 1,042; dd 5.7 after 21 hrs.
158	Z 6	do.	1940	69.4	Dn	6.0	0	T 53.
212	AA 6	Thomas Archibald	85	84	Dn	64.1	D	-
213	AA 7	Carafoli	15	42.1	Dn	7.84	D,N	-
216	AA 6	Quincy YMCA	80	21.9	Dn	18.5	PS	Su
217-228	AA 6	Mass. Dept. Pub. Wks.	1949	159.1	Dn	31	T	L. One of 12 borings.
229-238	AA 6	do.	1949	119.5	Dn	33	T	L. One of 10 borings.
239-248	AA 6	do.	1949	183.2	Dn	33	T	L. One of 10 borings.
249,250	Z 7	Sandwich Water Dist.	1949	17	Dr	59 & 63	PS	Su GP. Y 600.
251	AA 7	E. B. Curtis	5	65	Dn	2	D	Su
252	AA 6	U. S. Geol. Survey	1962	45	A	49.70	0	L.
253	AA 6	do.	1962	115	A	52.16	0	L.
TRURO								
1	DD 9	Town of Provincetown	1908	15	Dn	13.3	0	Observation well since 1950.
2-43	DD 9	do.	1924	15	Dn	-	PS	T Y 430.
44	DD 9	U. S. Air Force	1950	110	Dr	105	PS	T L. Y 15; dd 31.6 after 48 hrs. Four ft screen.
60-67	DD 8	Mass. Dept. Pub. Wks.	1949	14	Dn	11.0	-	Pulled back from 170 ft.
72	DD 9	R. W. Whitman	50	64	Dn	-	T	L. One of 8 borings.
73	DD 9	U. S. Air Force	1954	120	Dr	123.5	D	DP: Reported high in iron.
74	DD 9	do.	1951	130	Dr	115	PS	- L. Y 40.
75	DD 8	Jack's Esso Station	1951	70	Dn	118	PS	DP: Y 20.
76	DD 9	Cusson	20	14	Dn	-	D	Su: Reported low in iron.
77	DD 9	do.	50	60	Dn	-	D	Su: Reported high in iron.
78-85	DD 9	Town of Provincetown	1953	25	Dr	63	PS	Su GP. Y 800. Battery of wells 150 ft apart.
87	DD 9	do.	1953	18.2	Dn	14.63	0	-
89	DD 9	U. S. Geol. Survey	1957	20	A	15.08	0	L.
90	DD 9	R. M. Matux	1952	90	Dn	82.0	D	Y 100.
91	DD 9	B. M. Hoskins	1958	80	Dn	80.0	D	-
WELLFLEET								
3	EE 8	U. S. Army	1943	18.4	Dn	50	T	L. Y 20.
22	DD 8	E. Wheelright	-	70	Dr	472	-	Brackish 0-470 ft.
								Reported fresh water
								below 470 ft but
								contained large amounts
								of combustible gas.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Year completed	Altitude of datum (feet)	Depth of well (feet)	Type of well	Principal water-bearing material	Level of water (feet)	Date of measurement	Type of pump	Remarks
BARNSTABLE COUNTY (Continued)											
WELLFLEET (Continued)											
23-28	DD 8	Mass. Dept. Pub. Wks.	1938	2	36.1	Dn	Sand	-	-	T	L. One of 6 borings.
29-36	DD 8	do.	1946	48	40	Dn	do.	-	-	T	L. One of 8 borings.
37	EE 8	C. S. Wickson	1950	25	1 $\frac{1}{4}$	Dn	-	17.0	-50	D	Contains some iron.
38	EE 8	Frank S. Sujak	-	80	96	Dn	-	80	-54	D	J
39	DD 8	Lighthouse Restaurant	-	20	63	Dn	-	-	-	PS	Su
40	DD 8	Hannaford	-	45	46	Dn	-	41	-54	D	DP
41	EE 8	U. S. Army	1953	30.8	24	Dr	-	20.7	11-7-62	PS	C. Y 260. GP.
42-49	EE 8	United States	1962	37	55	Dn	Sand	30.36	11-8-62	O	One of 8 wells.
		National Park Serv.									
YARMOUTH											
1-4	CC 6	Town of Yarmouth	1946	20	60-65	Dr	-	13	7-55	PS	Su GP. Y 925.
5	CC 6	do.	1946	20	-	-	-	16.8	-	O	T 53.
11	CC 6	do.	-	30	70	-	-	-	-	T	L. Y 20.
13	CC 6	do.	-	20	20	-	Outwash	-	-	T	L. Pulled back from 65 ft.
											Reported high in iron and hydrogen sulfide.
16	BB 6	Yarmouth Camp	-	45	53.1	Dn	-	25	8-15-50	N, PS	T 52.
17	CC 6	Grounds Assoc.	-	40	26.3	Dn	-	23.0	8-15-50	PS	Su T 48.
18	CC 6	Andrew B. Kelly	-	15	19.1	Dn	-	14.7	8-16-50	-	T 52.
19	CC 6	Stearn	-	10	18.2	Dn	-	11.2	8-16-50	Ir	Su T 54.
20	CC 6	do.	-	10	49.3	Dn	-	12.8	8-16-50	Ir	Su T 54. Y 11.
29-31	CC 6	do.	-	10	28	Dn	-	16	5-50	PS	T 53. Y 1,000.
32	CC 6	Englewood Hotel	-	30	24	Dn	-	-	8-17-50	D	-
33	CC 6	Yarmouth Dump	-	50	27.9	Dn	-	25.1	-	D	-
34	CC 6	William Norback	-	10	18	Dn	-	-	-	D	-
35	CC 6	Walter Tolley	-	10	18	Dn	-	-	-	T	L.
37-40	CC 6	Yarmouth Water Supply	-	15	34.5	Dn	-	-	-	PS	T GP.
41-43	BB 6	Mass. Dept. Pub. Wks.	-	5.8	40.8	Dn	-	-	-	T	L. One of 8 borings. All borings reported dry.
44-51	CC 6	Town of Yarmouth	1953	55	65-68	Dr	Sand	-	-	T	L. One of 12 borings. All borings reported dry.
		Mass. Dept. Pub. Wks.	1953	71.4	37.2	Dn	-	-	-	T	L. One of 12 borings.
52-63	CC 6	do.	1953	51.4	30	Dn	do.	-	-	T	-
64-75	CC 6	do.	1953	26	31	Dn	do.	14.1	4-53	T	-
BRISTOL COUNTY											
ACUSHNET											
3	W 6	Acushnet Process Co.	1938	5	100	Dr	-	-	-	C	L. T 58. Y 120.
7	W 6	Richmond Morse	-	100	6	Dr	-	-	-	D	-
8	W 6	Robert E. Parker	-	30	18	Dn	-	-	-	D	-
10	W 6	Rose Sabourain	-	90	181	Dr	-	-	-	D	-
11	W 6	Andre Hall	-	85	72	Dr	-	-	-	D	J Y 7.
12	W 6	Lawrence Reynolds	-	90	125	Dr	-	-	-	D	-
13	W 6	Ernest Boisvart	1954	65	67	Dr	-	5	-54	D	Su
15	W 6	U. S. Geol. Survey	1958	40	75	Dr	-	8.89	8-7-58	T	L.

BRISTOL COUNTY

ACUSHNET

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Year completed	Altitude of surface of well, (feet)	Depth of well, (feet)	Diameter of well, (inches)	Principal water-bearing material	Character of unit	Geologic unit	Level	Date of measurement	Type of use	Remarks
BRISTOL COUNTY (Continued)													
ATTLEBORO													
3	S 8	John C. Lee	-	115	65	30	-	-	Outwash	-	-	N	-
5	S 8	Crown Mfg. Co.	-	45	432	6	392	-	Bedrock	-	-	C, N	-
45	T 8	City of Attleboro	1934	125	34.5	36-18	-	-	Outwash	3.9	-34	PS	T
51	T 8	do.	1934	125	34.9	36-18	-	-	do.	.3	-34	PS	T
58	T 8	do.	1904	105	25	40'	-	-	do.	-	-	PS	-
59	T 8	do.	1892	105	27	30'	-	-	do.	3	1892	PS	T
60	T 8	do.	1936	101.6	35	18-9	-	-	do.	5	-36	PS	T
61	T 8	do.	1936	105	35	18-9	-	-	do.	5	-36	PS	T
64	T 8	Adam Krackowski	-	135	19.7	16	-	-	do.	17.36	8-26-54	D, N	-
65	T 8	John E. Benson	-	95	14	22	-	-	do.	10	8-26-54	D	Su
68-82	T 8	Mass. Dept. Pub. Wks.	1957	135.0	67	1	-	-	do.	16.0	2-57	T	-
BERKLEY													
3	V 7	Charles Brown	-	50	19.4	-	-	-	Outwash	15.28	9-8-54	D	-
8	V 7	Damon Clegg	-	20	190	6	30	-	Bedrock	19	-	D	Su
9	V 7	Fred S. Chester	-	50	264	6	45	-	do.	125	-	D	J
10	V 7	Louis G. Dumais	-	20	20	24	-	-	Outwash	-	-	D	Su
11	V 7	Clarence Goulden	-	85	32	24	-	-	do.	-	-	D	Su
12	V 7	John Frizado	-	150	20	-	-	-	Fill	-	-	D	Su
DARTMOUTH													
1	W 6	New Bedford Country Club	1947	130	350	8-6	2	-	Bedrock	-	-	-	-
3	V 6	deMoranville	-	145	19.5	24	20	-	Fill	9.20	9-15-54	D	-
5	V 6	Omar Pidgeon	-	65	12	24	-	-	-	-	-	D	Su
6	W 6	Wilford E. Allen	-	85	7	-	7	-	Outwash	-	-	D	Su
7	W 6	Wilford C. Langlois	1949	170	167	6	17	-	Bedrock	-	-	D	-
9	W 5	Arthur Duarte	-	90	18	24	-	-	Fill	-	-	D	-
11	V 5	Thomas Andrews	-	30	142	-	42	-	Bedrock	-	-	D	Su
12	V 5	Charles Mothi	-	65	128	6	28	-	do.	-	-	D	Su
13	V 5	Joe Dourato	-	100	12	36	-	-	Outwash	-	-	D	Su
DIGHTON													
109	U 7	Nt Hope Finishing Co.	1943	25	31	2 1/2	31	-	-	4	9-28-43	T	-
127	U 7	do.	1943	45	35	2 1/2	-	-	-	4	11-6-43	T	-
180	U 7	Harry C. Hathaway	-	10	20	24	-	-	Fill	13	-38	D	-
185	U 7	Bay State Mineral Co.	1906	25	800	8	+10	-	Bedrock	2.6	-	T	-
200-212	V 7	Dighton Water Dist.	-	15	-	-	-	-	-	-	-	PS	Su
214	U 7	Herbert C. Wyatt	-	105	12	-	12	-	Fill	-	-	D	Su

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Altitude: of land: Type: of surface: Date of completion:	Depth: Diameter: of well: (feet):	Principal water-bearing material: Character: Unit:	Level: Date of measurement:	Type: of use: of pump:	Remarks
BRISTOL COUNTY (Continued)								
EASTON								
18	U 9	Moreshead	110	17.2	24	Thill	13.37	8-24-54: D : B :
19	U 9	William J. Norton	1944	190	6	Bedrock		DP :
20	V 9	No. Easton Water Dist.	1952	110	72-48-24:	Outwash	3	8-16-54: PS : T : GP. Y 600.
21	V 9	do.	1887	160	25'	do.	2.3	8-15-54: PS : Su : Y 450.
24	V 9	Albert E. Martin	135	210	16	Bedrock		D : J : T 55.
25	V 9	do.	135	11.9	18	Outwash	8.15	8-11-54: D : J : T 62. Went dry in 1953.
27	V 9	Wilson	130	50	8	Bedrock	3	D : Screw:
FAIRHAVEN								
1-36	W 6	Fairhaven Water Co.	1893	20	25-33:	Outwash		PS : Su : Y 690.
46	W 6	WNBH Radio Station	1946	5	80	Bedrock		N : - : L. Y 2. Yields brackish water.
47	X 5	Wilbur	10	30		Outwash		D : Su :
48	W 6	Fred Kratoch	1949	55	35	Bedrock		D : - :
49	W 6	Finnerty	65	30	36	Thill		D : Su : Has been going dry since 1948.
50	X 6	Norbert Gregoire	75	130	6	Bedrock		D : - :
51	X 6	S. Moniz	75	49	6	do.		D : Su : Y 4.
FALL RIVER								
2	U 6	Ashworth Bros. Inc.	1916	70	214	Bedrock	22	3-10-48: C : - : T 64. Y 14; dd 80 after 10 min. Surficial material, till. Yields brackish water.
67	U 6	Bristol County Superior Court	1776	135	12.0	Thill	8.30	4-27-48: O : - : Observation well since 1948.
70	U 6	Fall River Gas Works	25	250	8-6	Bedrock		C : - : Y 40.
77	U 6	Berkshire Fine Spinning Assoc Inc.	1947	135	10-8	do.	80	-25: C,N : - : Y 60. Surficial material, sand.
81	U 6	Duggan Bros.	1943	150	8-6	do.		C : - : Y 500. Surficial material, sand. T 46.
84	U 6	Guilmond Dairy	1934	215	6	do.	25	-34: N : - : Y 3. Surficial material, sand and clay.
91	U 6	Richard Borden Mills Corp.	1913	135	500	do.	15	C,N : - : Surficial material, clay, sand, gravel, and muck. High iron content. Y 100.
95	U 6	LeCombes Dairy	1930	40	507	do.		- : - : Surficial material, fine sand. Yields brackish water. T 50. Y 100.
111	U 6	Sylvia Gladu	140	14	13'-4"	Thill	10	9-26-52: D : - : T 58. Y 3.
116	U 6	Globe Home Laundry Co.	185	225	8-6	Bedrock	8	3-11-48: C : - : Surficial material, fine sand. High iron content. Y 80.
117	U 6	John Carrairo	30	9.4	30	Outwash	1.9	1-20-53: D : - : Reported dry in summer.
118	U 6	M. Cabeceiros	160	6.6	30	Thill	5.9	1-21-53: N : - :
119	U 6	Avon Curvain Corp.	1950	145	6	Bedrock		C : - : Surficial material, sand and gravel. Y 60.
124	V 6	Bento Cossa	220	135	-	do.	20	D : - : Su :

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed:	Altitude: of datum (feet):	Type: of well:	Depth: of well (feet):	Diameter: of well (inches):	Principal water-bearing material: Character:	Geologic unit:	Level: Date of measurement:	Type: of use:	Remarks
BRISTOL COUNTY (Continued)												
FREETOWN												
4	W 7	Albert DeMoranville	-	120	Du	18	18-48	-	Outwash	8	9-12-54:	D : Su :
5	W 7	Don Coelho	-	100	Du	25	24	-	-	-	-	D : - : Dry in dry periods.
6	W 7	Kenneth Whittaker	-	85	Dr	125	6	-	Bedrock	-	-	D : DP :
7	W 7	Earl Darling, Jr.	-	95	Dn	40	-	-	Outwash	-	-	D : Su : Reported high in iron.
8	W 7	Gabriel DeCompus	-	172	Dr	175	6	-	Bedrock	-	-	D : - :
9	W 7	Arthur Gynond	-	35	Dr	90	6	-	do.	-	-	D : Su :
10	W 7	U. S. Geol. Survey	1958	90	Dn	26.5	2½	-	Sand	3.69	8-1-58:	T : - : L.
11	W 6	do.	1958	90	Dn	52	2½	52	Bedrock	2.80	8-5-58:	T : - : L.
12	W 7	Albert Michaud	-	80	Dr	125	6	-	-	-	-	D : - :
13	W 7	do.	-	80	Du	18	-	-	Till	-	-	D, Ir. : - : Flows in wet periods, dry in dry periods.
14	W 7	Ambrose Clark	-	170	Du	7	24	-	Outwash	.5	9-8-54:	D : B :
15	W 7	Sarah E. Mosley	-	175	Du	35	-	-	Bedrock	-	-	D : Su :
16	W 7	Henry Miller	-	116	Dr	90	-	-	do.	-	-	D : - :
17	W 7	Petty	-	100	Du	20	18	-	Till	-	-	D : Su : Often dry.
18	W 6	Leo Lafountain	-	115	Dr	100	6	50	Bedrock	-	-	D : J : High iron content.
19	W 6	Thaddeus Zostak	-	115	Du	20	24	-	Outwash	-	-	D : Su :
20	W 6	Joseph Lopes	-	110	Du	18	24	-	-	-	-	D : Su : Dry in every dry period.
21	W 6	Maud Bowen	-	120	Du	25	24	-	Outwash	-	-	D : - :
22	W 7	U. S. Geol. Survey	1958	90	Dr	115	2½	110	Bedrock	23.77	8-7-58:	T : - : L.
MANSFIELD												
103-105	T 9	City of Attleboro	1936	133	Dr	30	6	-	Outwash	-	-	PS : - : Y 300. GP. Five ft. screen. Emergency supply only.
114	U 9	Town of Mansfield	1888	130	Du	20	30'	-	do.	-	-	PS : - : Y 1,040. Known as Cate Spring.
115	U 9	do.	1950	125	Dr	40	6'	-	do.	-	-	PS : T : Y 1,200. GP.
116	T 9	do.	-	150	Dr	42	6'	-	do.	-	-	PS : T : GP.
117	T 9	do.	-	150	Dr	42	6'	-	do.	-	-	PS : T : GP.
118	U 9	Harry Wheeler	-	155	Du	7.8	30	-	-	4.22	8-23-54:	D, N : - :
NEW BEDFORD												
3	W 6	Olympia Theatre	1915	55	Dr	200	10-8	6	Bedrock	12.10	5-18-48:	C, N : - :
5	W 6	My Bread Baking Co.	1938	40	Dr	250	10-8	24	do.	8	-	C : - : T 50. Y 13.
7	W 6	Firestone Textile Mills	1926	75	Dr	770	10-8½	50	do.	10	-	C : T : T 60. Y 10; dd 70.
13	W 6	Farmer's Dairy	1943	120	Dr	125	8-6	40	do.	-	-	C : - : T 50. Y 50.
17	W 6	Dawson Brewery Inc.	1938	50	Dr	350	8-6	12	do.	5	-	C, N : - : T 54. Y 18.
22	W 6	New England Overall Co.	1911	10	Dr	60	6	15	do.	-	-	C, N : - : Yields brackish water. Y 5.
23	W 6	Frates Dairy Co.	1921	100	Dr	189	8-6	20	do.	3	-21:	C : - : A. T 52. Y 150; dd 0.5 after 1 hr.
26	W 6	Lambeth Rope Co.	1893	100	Dn	17	2½	17	Outwash	.20	5-26-48:	C, N : - : T 50.
38	W 6	Acushnet Process Co.	1941	5	Dr	200	8-6	55	Bedrock	7	-	C, N : - : Y 110. River water reportedly infiltrating.
42	W 6	Smith Bros. Brewery	1919	40	Dr	200	10-8	17	do.	-	Flowing: 5-27-48:	C, N : - : Top of casing 10 ft. below land surface.
43	W 5	Acushnet Mills	1898	5	Dr	87	-	18	do.	-	-	C : - : A. Y 45.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Altitude: Year of land- com- surface pleted: datum :(feet)	Type: of well: well: :(feet)	Depth: Diameter: of well: :(inches)	to: bedrock: or refusal: :(feet)	Principal water-bearing material: Character: unit	Level: Geologic measure- ment	Water Date of Use of pump:	Type:	Remarks
BRISTOL COUNTY (Continued)											
NEW BEDFORD (Continued)											
59	W 5	Bathaway Mfg. Co.	1947	10	Dr	200	8-6	20	-	-	-
60-65	W 6	Mass. Dept. Pub. Wks.	1897	0.0	Dn	38.6	4	38.68	-	-	-
66-74	W 6	Union St. Railway	1945	4.6	Dn	18	2½	25.58	-	-	-
89-96	W 6	New Bedford Gas and Electric Co.	1945	5	Dr	44	2½	5.0	-	-	-
115	W 6	Prates Dairy Inc.	1952	100	Dr	205	8	20	-	-	-
NORTH ATTLEBOROUGH											
1	S 8	Robert Holiday	1914	245	Dr	310	6	10	-	-	-
3	S 8	Matilda Holmes	-	185	Du	9.7	30	10	-	-	-
4	S 8	W. Jennison	-	130	Du	50	36	-	-	-	-
5	S 8	Robert Hirsch	-	85	Du	13.1	30	-	-	-	-
6	S 8	George Boufford	1936	100	Du	35	30	-	-	-	-
7	T 9	Roger E. Adams	1948	180	Du	28	1½	-	-	-	-
8	T 8	Town of North Attleborough	-	190	Du	12.9	60	-	-	-	-
9	T 8	Elmer Emery	1950	130	Dr	20	-	-	-	-	-
10	T 8	John W. Collin	1950	310	Dr	500	-	36	-	-	-
11	T 8	Otto Evans	1937	280	Dr	345	8	5	-	-	-
13	T 8	John Grzenda	-	140	Du	10.8	30	-	-	-	-
14-21	T 8	Mass. Dept. Pub. Wks.	1953	75.8	Dn	18	1	-	-	-	-
22	T 8	Town of North Attleborough	-	190	Du	50	2½	-	-	-	-
26	T 8	do.	1884	190	Du	29	25'	-	-	-	-
27	T 9	John Bielecki	-	305	Du	22.6	48	-	-	-	-
NORTON											
1	U 8	U. S. Army	1942	75	-	85	2½	85R	-	-	-
12-16	U 8	Mass. Dept. Pub. Wks.	1942	67	Dn	69.5	1	-	-	-	-
18	U 8	Sam Alpert	-	128	Du	16	24	-	-	-	-
19	U 8	Town of Norton	-	80	Dr	52	72-8	-	-	-	-
20	U 8	do.	-	80	Dr	42	72-8	-	-	-	-
21	U 8	Ray Rounds	-	135	Dr	138	6	55	-	-	-
22	U 8	Joe DeAvellar	-	95	J	40	3	-	-	-	-
24	U 8	Irwin Fuller	-	130	Du	22.4	-	-	-	-	-
25	U 8	Robert Salisbury	-	102	Dr	175	6	-	-	-	-
RAYNEHAM											
1-6	V 8	Mass. Dept. Pub. Wks.	1944	5.0	Dn	44	-	-	-	-	-
10-20	V 8	Town of Rayneham	-	80	Dn	+28	-	-	-	-	-
21	V 8	-	1954	55	Dr	67	6	18	-	-	-
22	V 8	Charles Hall	-	90	Dr	77	6	20	-	-	-
24	V 8	George R. Watts	-	105	Du	18	30	-	-	-	-
26-35	V 8	Mass. Dept. Pub. Wks.	1951	101.7	Dn	14.0	-	14R	-	-	-
36-45	V 8	do.	1951	40.5	Dn	50.1	-	50R	-	-	-

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed	Altitude of surface datum (feet)	Type of well	Depth of well (feet)	Diameter of well (inches)	bedrock or refusal	Principal Character	water-bearing material	Level	Date of measurement	Type of pump	Remarks	
BRISTOL COUNTY (Continued)															
REHOBOTH															
11	T 7	Frank Ormand	-	35	Dr	98	6	-	-	Bedrock	10.8	6-18-52	D	-	T 54.
12	T 7	George Sutcliffe	1947	10	Dr	116	6	100	-	do.	1	6-12-52	D	-	T 52. Y 100. Reported high iron content. Water gushed out 10 ft. when drilled.
16	T 7	C. J. Sandberg	-	15	Du	11.7	30	-	-	Outwash	7.6	6-19-52	D	-	T 62.
24	T 7	Joseph Costa	-	20	Du	11.5	24	-	-	do.	8.1	6-20-52	D	-	-
28	T 7	John L. Reed	1946	40	Dr	125	6	30	-	Bedrock	-	-	D	-	Water reported hard.
32	T 7	Frank Olivera	1951	55	Dr	140	6	92	-	do.	22	9- -51	D	-	-
37	T 7	Archie Colbeth	-	30	Du	11.6	24	-	-	Outwash	5.6	6-24-52	D	-	T 54.
49	T 7	Mrs. H. B. Chappell	1940	50	Du	23.7	30	-	-	do.	15.0	6-25-52	D	-	T 59.
59	T 7	Mary Roderick	1950	50	Dr	110	6	90	-	Bedrock	-	-	D	-	T 54.
73	T 7	A. C. Burnett	1938	60	Du	14.5	24	15	-	Outwash	10.4	7- 7-52	D	-	T 51.
83	T 7	Ann MacLelland	1942	50	Dr	160	6	92	-	Bedrock	33	9- -42	D	-	T 56. Y 16. Water reported soft.
89	T 7	Edward P. Jastram	1949	80	Dr	304	6	47	-	do.	28	7- -49	D	-	T 51. Y 6. Water reported soft.
96	T 7	Edith Kingsley	-	100	Dn	12	1 1/2	-	-	Outwash	-	-	D	-	T 56.
109	T 7	H. E. Jenkinson	-	140	Du	15.3	24	-	-	Till	11.0	7-17-52	D	-	T 54.
112	T 7	Ralph Jennings	1951	70	Dr	140	6	40	-	Bedrock	-	-	D	-	T 56. Y 6.
117	T 7	Joe Frutado	1942	175	Dr	135	6	20	-	do.	15	5- -42	D	-	T 56. Y 12.
149	T 8	William Smith	1957	150	Dn	14	2	-	-	Outwash	-	-	D	-	Su
150	U 7	Harris	1957	70	Du	22	24	-	-	do.	-	-	D	-	Su
151	U 7	Rousseau	-	82	Du	16	24	-	-	Till	-	-	D	-	-
154	U 7	Joseph F. Medeiros	1957	80	Dr	184	6	100	-	Bedrock	-	-	D	-	-
155	U 7	Mary Bettencourt	1957	110	Du	25	24	-	-	Till	-	-	D	-	Su
156	U 7	Howard M. Brown	1957	110	Du	25	24	-	-	-	-	-	D	-	Su
160	U 8	Tom Bliss	-	145	Du	15	-	-	-	-	-	-	D	-	-
163	U 8	Lawrence Limpus	-	143	Du	15	42	-	-	Till	12.3	1-25-50	D	-	-
167	U 7	Pleasant St. School	-	85	Du	30	48	-	-	-	Dry	9-10-30	D	-	-
173	U 7	G. S. Cooper	-	80	Du	20	36	-	-	-	15	2- 5-36	D	-	-
174	U 7	Padnorse	1945	95	Du	8	20	-	-	Till	6	9-15-48	Ir	-	-
175-190	T 7	Mass.Dept.Pub.Wks.	1958	7	Dn	25	1	-	-	Outwash	4.0	6- 3-58	T	-	-
191-202	T 7	do.	1958	24.2	Dn	59	1	54	-	Bedrock	2.5	5-21-58	T	-	-
SEEKONK															
5	T 7	Max Berry	1928	170	Dr	210	6	15	-	Bedrock	-	-	D, S	-	-
12	T 7	R. Zundal	-	80	Du	20.8	30	-	-	Till	18.3	7-25-52	-	-	T 52.
15	T 7	Frank Clegg	1935	25	Dr	200	8	55	-	Bedrock	8.0	7-28-52	Ir	-	-
25	T 7	Mrs. Romano	1949	15	Dr	120	6	90	-	do.	20	5- -49	-	-	Y 35.
39	T 7	Ernest Lunden	-	35	Dn	32	3/4	-	-	Outwash	-	-	D	-	-
54	T 7	M. Amaral	1930	50	Dr	75	6	30	-	Bedrock	18	7- -52	D	-	-
66	T 7	W. A. Adams	-	70	Du	14.3	36	-	-	Till	6.8	8-14-52	D	-	-
70	T 7	Joseph Marshal	1928	80	Dr	84	6	40	-	Bedrock	27	-28	-	-	Y 12. Reported high iron content.
72	T 7	Oscar Fredrickson	1949	130	Dr	130	6	40	-	do.	12	10- -49	D	-	T 57. Water reported hard.
96	T 7	Simon Santos	1949	120	Dr	166	6	50	-	do.	30	-49	D	-	Y 15.
100	T 7	R. F. Turner	1952	140	Dr	106	6	21	-	do.	15	8- 8-52	D	-	J :L. Y 10.
109	T 7	Eileen Darling	1930	40	Dr	75	8	75	-	do.	-	-	-	-	-
110	T 7	C. Gow	1937	40	Dr	170	6	75	-	do.	20	-40	C	-	-

SEEKONK

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Altitude: of land--Type: com--surface: completed: datum: (feet):	Depth: of well: or: refusal: (feet):	Diameter: of well: (inches):	Principal water-bearing material: Character: unit	Level: Date of measure-ment:	Type: of use: of pump:	Remarks
BRISTOL COUNTY (Continued)									
SEEKONK (Continued)									
129	T 7	B. N. Kane	1946 : 95	Dr : 462	6	Bedrock	11 : 12- -46: D,S	-	Water reported medium hard.
145	T 7	Winfield E. Pray	1940 : 80	Dr : 136	6	do.	-	-	Do.
153	T 7	G. Sykes	-	Dn : 28	1 1/4	Outwash	10-12 : 8- -52: D	Su :	
163	T 7	Pleasant St. School	1947 : 50	Dr : 210	6	Bedrock	10 : -47: -	-	Y 25.
167	T 7	James Conlan	1932 : 60	Dr : 52	6	do.	17 : -32: D	-	Y 30.
173	T 7	Seekonk Water Dist.	1945 : 80	Dn : 42	2 1/2	Outwash	-	T	L. Y 35 after 8 hrs. High iron content reported.
178-236	T 7	do.	1945- : 60	Dn : 29-	2 1/2	do.	-	FS	Yield of individual wells range from 7 1/2 to 150 gpm.
264	T 7	do.	1946 : 60	Dr : 49	49	do.	13.3 : 12- 6-52: T	-	L. Y 6 1/2; dd 0.5 after 2 hrs.
265	T 7	do.	1952 : 60	Dn : 86	2 1/2	do.	12.0 : 6- -53: FS	Su :	L. GP. Y 700; dd 10 after 48 hrs.
265	T 7	do.	1953 : 60	Dr : 61.8	60-	do.	-	-	
265	T 7	do.	1953 : 60	Dr : 61.8	60-	do.	-	-	
SOMERSET									
6	U 6	Antone Medeiros	-	Du : 25.6	32	Till	11.9 : 9-22-52: D,N	-	
9	U 6	E. Marshaw	1949 : 15	Du : 15.9	30	Outwash	13.3 : 9-22-52: D	Su : Y 2.	
11	U 6	Caroline Brayton	-	Du : 90	10'	Till	27.1 : 9-22-52: S	-	
17	U 6	A. R. Donle	1894 : 35	Du : 22.8	30	do.	16.04 : 10- 1-52: D	Su :	
23	U 6	A. Belanger	-	Du : 32.5	36	do.	16.3 : 10- 7-52: D,N	B :	
24	U 6	Mary Kidlaciak	1951 : 160	Dr : 65	6	Bedrock	11.9 : 10- 9-52: -	-	Y 20.
29	U 6	J. R. Sisson	-	Du : 25.4	36	Till	19.5 : 10-10-52: A	-	
33	U 6	J. Leite	-	Du : 22.6	30	do.	14.75 : 10-15-52: D	-	
37	U 6	Antone P. Cordega	-	Du : 15	30	do.	10 : 10-15-52: -	-	
39	U 6	Montaup Electric Co.	1924 : 35	Dr : 195.5	8-6	Bedrock	18 : 5- -24: C,N	-	Y 10.
110	U 7	Edith Borden	-	Du : 20	-	Till	10 : -37: D	B :	
145	U 7	E. S. Parks	-	Dn : 33	6	Outwash	12 : -25: C	-	Y 500. Unfit for drinking.
147	U 7	Shellac Co.	-	Du : 120	-	gravel	-	-	
147	U 7	Jean Violette	-	Du : 22	-	Till	-39: D	-	Safe for drinking.
SWANSEA									
1	U 7	Anthony Reese	1890 : 145	Du : 25.2	30	Till	21.95 : 9- 2-48: D	-	
2	U 7	R. Sylvia	-	Dr : 140	6	Bedrock	19 : -	-	Y 25.
4	U 7	Merrill Chase	-	Du : 15	30	Outwash	8.0 : 9- 2-48: D	-	
5	T 7	Swansea Water Dist.	1950 : 23	Dr : 41	24	do.	6.5 : 7- -50: FS	T	L. GP. Y 150; dd 3.6 after 8 hrs.
6	T 7	do.	1950 : 23	Dr : 36	24	do.	6 : 7- -50: FS	T	L. GP. Y 150; dd 9 after 72 hrs.
7	U 7	Myron Baker	-	Du : 24	30	-	10 : 9-14-48: D,S	-	Never dry.
15	U 7	Espaniola	-	Du : 15.5	30	-	13.0 : 9-10-48: D	-	
19	U 7	Torres	-	Du : 20	30	Till	15 : 9- -48: D	-	
23	U 7	Suprenard	-	Dr : 75	6	Bedrock	-	-	
25	U 7	Wood	-	Du : 14.5	30	Outwash	7 : 9-22-48: C,D	-	
42	U 6	Ian Walker	1932 : 45	Dr : 198	6	Bedrock	-	-	T 57. Y 25. Surficial material, till.
60	T 7	Lydia Vinnicum	-	Dr : 95	6	do.	-	-	T 55.
67	T 7	T. Trimble	-	Dr : 51	6	do.	-	-	T 52. Water reported hard.
87	T 7	J. J. Bowman	-	Du : 10.1	24	Outwash	8.4 : 6- 6-52: N	-	

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed	Altitude of surface of well: (feet)	Type of well:	Depth of well: (feet)	Diameter of well: (inches)	Principal water-bearing material:	Geologic unit:	Level: (feet)	Date of measurement:	Type of pump:	Remarks
BRISTOL COUNTY (Continued)													
SWANSEA (Continued)													
89	T 7	W. N. Marx	-	15	Du	8.8	24	Sand	Outwash	4.3	6-52: D, S	-	T 55.
90	T 7	C. E. Johnson	-	60	Du	17.9	24	-	Fill	10.5	6-9-52: D	-	T 52. Never dry.
92	T 7	Bruno Ward	-	50	Dr	187	6	-	Bedrock	16.0	6-26-52: D	-	T 54. Y 5.
93	T 7	Hugo Helgeson	-	35	Du	16	24	Sand and gravel	Outwash	10	6-9-52: D	-	T 58.
108	T 7	R. D. Barney	-	25	Du	13.0	30	-	do.	7.3	6-12-52: D	Su	T 53. Y 2. Surficial
112	T 7	T. P. Slack	1950	50	Dr	135	6	-	Bedrock	17	11-50: D	J	T 54. Y 7. material, till.
122	U 6	Arthur Beauvry	-	15	Dr	97	6	-	do.	-	-	D	-
126	U 6	J. Soares	-	60	Du	25	30	-	Fill	-	-	Su	Y 2.
139	U 6	L. Fagan	1930	45	Dr	91	6	-	Bedrock	-	-	Ir	- Y 10.
144	U 6	Lafamma Bros.	-	30	Du	23.9	48	-	Outwash	12.9	9-25-52: N	-	-
149	U 6	Case High School	-	40	Dr	37	6	-	Bedrock	7	9-25-52: N	-	-
160	U 6	T. Harrison	-	180	Du	38	48	-	Fill	18.42	10-2-52: N	-	- Well dry in summer of 1949.
TAUNTON													
1	U 8	U. S. Army	1942	74	Dr	43.7	60-	-	Outwash	10.3	6-19-42: PS	T	L. Y 440. GP. Five ft of screen.
2	V 8	do.	1942	75.5	Dr	66.5	60-	-	do.	12.0	-42: PS	T	L. Y 800. GP. Ten ft of screen.
3	V 8	do.	1942	72	Dr	54.2	60-	-	do.	9.8	-42: PS	T	L. T 50. Y 900. GP. Thirteen ft of screen.
4	V 8	do.	1943	73	Dr	62	20-	-	do.	-	-	PS	T L. Y 1,000. GP. Fifteen ft of screen.
5	V 8	City of Taunton	1889	8	Dr	975	9	-	Bedrock	11	12-1889: PS	Su	L. Y 49.
12	V 8	do.	1887	10	Dn	34.2	3	-	Outwash	11.13	7-16-48: PS, N	-	T 55. Y 15. Open end.
15	V 8	Taunton Gas and Light Co.	1944	10	Dr	504	10-	-	Bedrock	11.4	2-14-44: C	T	L. T 57. Y 136.
17	V 8	Taunton Municipal Lighting Plant	1929	10	Dn	29.3	2½	-	Outwash	8.57	7-23-48: C, N	-	-
21-43	V-8	Gellich Tanning Co.	1944	10	Dn	62	2½	-	Bedrock	-	-	T	-
44-51	V 8	Hughes Eyelet Co.	-	20	Dr	225	8-6	-	do.	-	-	C	-
53	V 8	Reed & Barton Factory	1926	55	Dr	504	10-8	-	do.	12	9-46: C	Su	T 54. Y 250; dd 14 after 24 hrs.
62	V 8	New Jersey Rubber Co.	1914	20	Dr	400	10-8	-	do.	-	-	C, N	- Y 17.
63	V 8	Ena Twist Drill Co.	-	60	Dr	210	3½-6	-	do.	-	-	D, C	- T 54. Y 10.
65	U 8	City of Taunton	1929	165	Dr	800	8-6	10	do.	5	-29: N	-	Y 40.
68	U 8	do.	1933	110	Dr	105	8-6	22	do.	-	-	PS, N	- Y 10.
69	V 8	Lafayette Club Inc.	1937	120	Du	32	30	-	Outwash	-	-	N	-
70	V 8	Devine's Dairy	1935	25	Dr	210	6	50	Bedrock	-	-	C	- C. T 53. Y 55. Surficial material, gravel.
78	V 8	Joseph S. Finch & Co.	1940	15	Dr	512	8-6	-	do.	-	-	C	- Y 45.
80-105	V 7	Sewage Disposal Wks.	1946	5.5	Dn	35	2½	-	Outwash	3.6	6-13-46: T	-	-
106-111	U 8	Mass. Dept. Pub. Wks.	1936	38.6	Dn	31	1	31R	do.	3.8	10-36: T	-	- L. One of 26 borings.
112-117	U 8	do.	1942	84.5	Dn	44	1	44R	do.	11.4	2-42: T	-	- L. One of 6 borings. Do.
118-121	V 8	do.	1942	61	Dn	98.5	1	98.5R	do.	1.0	10-20-42: T	-	- L. One of 4 borings.
168-173	V 8	New England Telephone and Telegraph Co.	1946	30	Dn	53.5	2½	-	do.	-	-	T	- L. One of 6 borings.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed	Altitude of surface datum (feet)	Depth of well (feet)	Diameter of well (inches)	Principal water-bearing material	Geologic unit	Level	Date of measurement	Type of use	Remarks
174-182	V 8	Mass. Dept. Pub. Wks.	1944	39.2	44	1	44.0	-	4.6	2-44	T	L. One of 9 borings.
185-190	V 8	H. L. Green Co.	1944	19.3	55	2 1/2	-	-	8.0	2-44	T	L. One of 6 borings.
191-204	V 8	Kendall Taylor Co.	1935	55.5	36	2 1/2	-	-	8.0	2-16-35	T	L. One of 14 borings.
237	V 8	General Electric Co.	1944	20	756	10-8	20	-	6.08	7-26-48	C, N	T 57. Y 170; dd 70. The interval 500 to 756 ft. did not increase yield.
243	U 8	Joseph M. Rogers	-	65	30	2 1/2	-	-	-	-	D	Low iron content.
245	U 8	Arthur Hadley	-	80	Du: 19.0	24	-	-	12.17	2-4-39	-	Observation well 1939-40.
247	U 8	E. Garceau	-	75	Du: 12-15	24	-	-	-	-	-	A. Unfit for drinking.
273	V 8	U. S. Army	-	80	Du: 29	36	-	-	26	8-10-42	D	-
289	U 7	Mt Hope Finishing Co.	1944	25	Dr: 24.6	36-24	-	-	3.4	6-30-44	C	Su: Y 302; dd 10.4 after 12.3 hrs. Five ft of screen.
318-323	U 8	Mass. Dept. Pub. Wks.	-	12.7	Dn: 24.3	1	24.3	-	.72	-	T	L. One of 6 borings.
324	V 7	John Rupa	-	110	Du: 21.0	30	-	-	12.79	9-8-54	D	Su:
325	V 8	King	-	50	Du: 33	30	-	-	26	-	D, S	T 53.
327-335	U 8	Mass. Dept. Pub. Wks.	1954	30.7	Dn: 20.5	1	20.5	-	-	-	T	L. One of 9 borings.
336	W 8	Edward Dever	-	45	Dr: 100	6	-	-	-	-	D, S	Y 5.
WESTPORT												
1	U 6	H. Proulx	1947	140	Du: 12	30	-	-	9.5	10-17-53	D	Y 2.
8	V 5	James H. Roberts	-	10	Dn: 17	1 1/4	-	-	12	9-54	D	Su:
9	V 5	Walter Marston	-	50	Dr: 630	-	25	-	-	-	D	DP
10	V 5	Joseph Perry	-	170	Du: 20	24	-	-	-	-	D	Su: Dry in dry periods.
11	V 5	Henry F. Perry	-	55	Dr: 49	-	13	-	-	-	D	Su: Y 3.
12	V 6	W. H. Tetraut	-	45	Du: 16	36	-	-	-	-	D	-
14	V 6	Ellis Lauton	-	195	Du: 18	30	18	-	9.8	9-2-54	D	-
15	V 5	E. H. Fadden	-	10	Du: 11.2	-	-	-	7.83	9-2-54	D	-
16	V 5	Boy Scouts of America: Fall River Council;	1927	30	Dr: 160	6	80	-	-	-	PS	-
18	V 5	Nick Silvarius	1941	15.1	Dr: 26.7	8	-	-	12.33	12-19-56	D	Y 50.
20	V 5	do.	-	15.2	Dr: 24.8	6	-	-	13.76	12-20-56	D	-
22	V 5	do.	-	16.9	Du: 18.2	24	-	-	16.16	12-27-56	D	-
24	V 5	Mass. Dept. Pub. Wks.	1956	12.8	Dn: 92	2 1/2	92R	-	8.92	9-14-56	T	L.
26	V 5	do.	1956	13	Dn: 86	2 1/2	86R	-	3.83	11-9-56	T	L.
28	V 5	do.	1956	12	Dn: 55	2 1/2	-	-	7.16	11-13-56	T	L. Y 7.
DUKES COUNTY												
CHILMARK												
15	Y 3	U. S. Air Force	1943	170	Dr: 124	6	-	Fine gravel	83	-	D	DP: L. Y 25. Screened, 114-124 ft.
16	Y 4	L. King	1953	145	Dr: 259	6	-	Medium and fine sand	28	6-30-53	D	J: L. Y 10. Screened, 254-259 ft. Well pulled back from 261 ft. Very high iron content.
22	X 3	William Austin	1953	95	Dr: 120	4	-	-	82	2-24-53	D	-: L. Y 10. Screened, 115-120 ft.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed:	Altitude: of land-surface: datum: (feet):	Depth: of well: (feet):	Diameter: of well: (inches):	Principal water-bearing material: Character: unit	Level: Date of measurement:	Type: Use of pump:	Remarks
DUKES COUNTY (Continued)										
CHILMARK (Continued)										
23	Y 3	C. P. Bigelow	1952	45	Dr	57	4	-	39	2-8-52: D - : L. Y 10. Screened, 52-57 ft.
24	X 3	G. Condict	1954	40	Dr	67	4	Outwash (?)	39	1-22-54: D - : L. Y 20. Screened, 61-67 ft.
25	X 3	A. G. Darling	1953	100	Dr	62.5	4	do.	25	9-16-53: D - : L. Y 10. Screened, 58-62.5 ft.
26	Y 3	H. Geyer	1954	180	Dr	110	6	Outwash	80.5	3-9-54: D - : L. Screened, 105-110 ft.
27	X 3	Menemsha Water Co.	1954	90	Dr	85	6	Outwash (?)	5	7-20-54: PS - : L. Y 50; dd 23 after 8 hrs. Screened, 74.5-85 ft.
28	Y 3	R. C. McGown	1953	130	Dr	121	6	Outwash	68	8- -53: - : L. Screened, 116-121 ft.
EDGARTOWN										
4	Z 3	U. S. Navy	-	12	Dr	34.6	8	-	10.07	4-19-55: N - : Su: Y 5. High iron content reported.
5	Z 3	C. R. Maury	-	10	Dn	13	1 1/4	Outwash	5	4-19-55: D - : PS: Su: Y 350.
6	Z 4	Edgartown Water Co.	-	15	Du	19	17	do.	-	- : PS: Su: Y 625.
7-23	Z 4	do.	1905	10	Dn	12-22	-	do.	-	- : PS: T: GP. Y 445; dd 21.
24	Z 4	do.	-	10	Dr	42.5	10	do.	2.3	- : PS: T: L. GP. Y 550; dd 22.3
25	Z 4	do.	1951	15	Dr	57.5	12	do.	4.3	10-17-51: PS: T: - : after 21 hrs. Twenty ft. of screen. Now pumped at 800 gpm.
26	Z 4	Martha's Vineyard Locker Plant	1954	25	Dr	60	6	do.	15	3-12-54: C - : J: L. T 49. Y 300. Screened, 49-60 ft.
27	Z 4	Elmer Burnham	-	50	Dr	55	6	do.	47	4-19-55: D - : J: Y 16.
28	Z 3	Robert P. Brown	-	30	Dn	30	1 1/2	do.	28	4-19-55: D, Ir: DP: T 54.
29	Z 3	Leisha L. Smith	-	20	Dn	18	2	do.	-	- : D, S: Su: Y 20. High iron content reported.
31	AA 3	Russel B. Stearns	-	25	Du	29	-	do.	18.5	- : Ir: Su: Y 40.
33	AA 4	do.	-	35	Dn	34	2	do.	-	- : D, Ir: Su: Y 600.
GAY HEAD										
1	X 3	C. W. Ryan	-	20	Dn	37	1 1/4	-	17	4-22-55: D - : J: Y 8.
2	X 3	Griedr	-	115	Dn	32	1 1/4	-	-	- : D: Su: -
3	X 3	W. Manning	1953	125	Dr	173.5	4	Sand and gravel	91.5	8-31-53: D - : L. T 50. Y 10. Screened, 169-173.5 ft. Well pulled back from 175 ft.
4	X 3	S. H. Scheuer	-	20	Dr	67	4	Outwash	27	- : D - : L. Y 15. Screened, 63-67 ft.
OAK BLUFFS										
1	Z 4	Ann O'Krongly	-	41	Dn	42-44	1 1/2	-	-	- : A.
2	Z 4	Nass. Natural Res.	-	5	Dn	17	1 1/2	Outwash	-	C: Su: Yields brackish water.
3	Z 4	Town of Oak Bluffs	-	15	Co	-	-	do.	-	PS: Su: Y 930. Water collected in lateral pipes, diam. 10-4 in., total length about 1,500 ft., depth about 10 ft. below surface, drains into pumping pit.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Altitude: of land-surface; plotted: datum (feet)	Year completed	Depth: of well; (feet)	Type: of well	Diameter: of well; (inches)	Principal water-bearing material: Character: unit	Geologic level: (feet)	Water level: (feet)	Use: of measure-	Type: of pump	Remarks
DUKES COUNTY (Continued)													
TISBURY													
1	Z 4	Town of Tisbury	115	1952	5 7/8	Dr	262	-	-	-	-	-	-
2	Z 4	do.	115.7	1952	30-12	Dr	221	-	-	-	-	-	-
								Outwash (?)	110.3	12-17-52	FS	T	L. T 48. Y 1,018; dd 8.3 after 31 hrs. Screened, 161.5-220 ft.
WEST TISBURY													
2	Y 4	Ray Cottle	35	-	24	Du	12	-	-	-	-	-	-
3	Y 4	-	105	-	24	Du	23	-	-	-	-	-	-
7	Y 3	Arnold Fisher	25	-	1 1/4	Dn	23	-	-	-	-	-	-
8	Y 3	do.	15	-	1 1/4	Dn	18.3	-	-	-	-	-	-
10	Y 4	Seven Gates	130	-	36	Du	12.7	-	-	-	-	-	-
12	Y 4	do.	85	-	1 1/2	Dn	6.5	-	-	-	-	-	-
								Outwash	.53	4-22-55	-	-	Eleven driven wells at this location. Yield of well battery 350 gpm.
22	Y 4	Alfred Churchill	40	1949	1 1/4	Dn	27	-	-	-	-	-	-
NANTUCKET COUNTY													
NANTUCKET													
1	DD 3	U. S. Coast Guard	10	1933	-	Dr	301	-	-	-	-	-	-
2	DD 3	Fred Linton	35	-	36	Du	36	-	-	-	-	-	-
4	CC 3	C. G. Chappell	10	-	1 1/4	Dn	20	-	-	-	-	-	-
5-7	CC 3	J. H. Bartlett	20	-	2	Dn	23	-	-	-	-	-	-
8	CC 3	do.	20	-	20	Du	22.9	-	-	-	-	-	-
10	DD 3	Town of Nantucket	40	-	8	Dr	60	-	-	-	-	-	-
12-15	EE 3	Siasconset Water Dist.	25	-	14	Du	22	-	-	-	-	-	-
16	EE 2	U. S. Navy	26	-	85	Dr	85	-	-	-	-	-	-
19,20	EE 3	Robert S. Backus	20	-	48	Dn	48	-	-	-	-	-	-
25	DD 3	Wannacomet Water Co.	15	1940	45	J	45	-	-	-	-	-	-
30-164	DD 3	do.	20	-	2	Dn	35	-	-	-	-	-	-
165-179	DD 3	do.	20	-	2 1/2	J	35	-	-	-	-	-	-
PLYMOUTH COUNTY													
BRIDGEWATER													
14	W 8	Mass. Dept. Pub. Wks.	30	-	44.5	J	44.5	-	-	-	-	-	-
15	W 8	do.	70	-	49.3	J	49.3	-	-	-	-	-	-
17	W 8	do.	70	-	29	J	29	-	-	-	-	-	-
18	W 8	do.	30	-	7	J	7	-	-	-	-	-	-
19	W 8	do.	60	-	47	J	47	-	-	-	-	-	-
30,31	W 8	do.	1954	-	12.9	Dn	15.6	-	-	-	-	-	-
32-35	W 8	do.	1938	-	22	Dn	39.8	-	-	-	-	-	-
46-48	W 8	do.	1955	-	5.9	Dn	35	-	-	-	-	-	-
55-63	V 8	do.	1951	-	77.2	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-	-	-
					45	J	45	-	-	-	-	-	-
					49.3	J	49.3	-	-	-	-	-	-
					29	J	29	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					2 1/2	J	2 1/2	-	-	-	-	-	-
					47	J	47	-	-	-	-	-	-
					15.6	Dn	15.6	-	-	-	-	-	-
					39.8	Dn	39.8	-	-	-	-	-	-
					5.9	Dn	35	-	-	-	-	-	-
					28.5	Dn	28.5	-	-	-	-	-	-
					28.5H	Dn	28.5H	-	-	-	-</		

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Altitude: of land: Type: Year completed:	Depth: of well: (feet):	Diameter: bedrock: or refusal: (inches):	Principal water-bearing material: Character: unit	Level: Date of measurement:	Type: of Use: of pump:	Remarks
1	X 8	Andrew Griffith	110	25	1 1/2	Outwash	-	D	Su: High iron content reported.
2	X 8	George Young	115	30	1 1/2	do.	-	D	Su:
3	X 8	Louis Bryant	115	25.2	18	Fill	18.44	D	Su:
4	X 8	Ralph Pierce	120	20	1 1/4	Outwash	-	D	Su:
6	X 8	Mary Alves	1927	110	18	do.	4.13	D	J: High iron content reported.
7	X 7	Francis Merritt	95	22	24	do.	-	D	Su:
8	X 7	Francis Mazzilli	95	22	24	do.	4.5	T	-: L.
11	X 7	Mass. Dept. Pub. Wks.	1951	65.9	60' x 75'	do.	-	Ir	Su:
15	Y 7	Winthrop Dunham	85	20	1 1/4	do.	-	D	Su:
16	Y 7	do.	80	20	1 1/4	do.	-	D	Su:
17	Y 7	Erwin Washburn	80	20	1 1/4	do.	-	D	Su:
18	X 7	Willard R. Nye	80	49.4	8	do.	8.46	-	T 53. Iron staining reported.
19	X 7	Felix Heikkila	80	7.3	-	do.	6.43	-	A. T 58. Recovery too slow to use.
20	X 7	Arvo Paananen	80	+50	1 1/4	do.	18.54	-	-
21	X 7	Leonard Heikkila	1956	100	1 1/4	do.	8.21	D	DP: T 52. Iron staining reported.
22	X 7	Albino V. Canteio	90	15.4	24	do.	12.76	D	-: T 55.
23	X 7	-	90	11.3	24	do.	14.74	-	-: T 57.
24	X 7	-	80	14.4	-	do.	5.45	-	-
25	X 7	H. Lucille Haynes	100	19.4	-	Fill	13.85	D	-: T 55. Iron staining reported.
30	Y 7	Francis Dunham	95	35	1 1/2	Outwash	-	D	-: Dry once in 3 yrs. 1956-59.
31	Y 7	Charles Kallio	1956	80	25-30?	Sand and gravel	-	D	-: T 51. High iron content.
32	Y 7	-	80	-	48	do.	4.33	N	-: A.
34	X 7	U. S. Geol. Survey	1959	85	57	Sand	6	T	-: L.
36	Y 7	do.	1959	143	92	Sand and fine gravel	63	T	-: L.
37	X 7	do.	1960	95	44	do.	-	T	-: L.
38	Y 7	do.	1960	75	4 1/2	do.	-	T	-: L.
DUXBURY									
1	Y 9	Duxbury Fire Dist.	40	82	2 1/2	Outwash	9.7	T	-: L. Y 43; ad 1.1 after 4 1/2 hrs.
2	Y 9	do.	25	40	24-12	do.	2.3	PS	-: GF. L.
3	Y 9	do.	50	77	2 1/2	do.	7.0	T	-: L.
4	Y 9	do.	70	91	2 1/2	do.	17.8	T	-: L. Y 4.
5	Y 9	do.	70	81.8	2 1/2	do.	17.0	T	-: L.
6	Y 9	do.	40	32	2 1/2	do.	2.8	T	-: L.
7	Y 9	do.	50	11	2 1/2	do.	-	T	-: L.
9	Y 9	do.	80	38	2 1/2	do.	4.00	T	-: L.
13	Y 9	Robert Delano	100	29	1 1/4	do.	-	D	Su: High iron and hydrogen sulfide reported.
14-68	Y 9	Duxbury Fire Dist.	20	+30	2 1/2	do.	0-4.5	PS	Su: Y 700.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year of completion	Altitude of surface, feet	Depth of well, feet	Type of well	Diameter of well, inches	Principal water-bearing material	Geologic character	Level, feet	Date of measurement	Type of use	Remarks
PLYMOUTH COUNTY (Continued)													
HALIFAX													
2	X 8	Fair Lea Farm	-	30	Du : 13.8	36	-	-	-	7.62	11-8-54	D : Su :	
6	X 8	W. A. Leonard	-	35	Dn : 19	2	-	-	-	-	-	D : Su :	
8	X 8	Clark	-	35	Dn : 17	2	-	-	-	7	-	D : Su :	
HANOVER													
5	X 10	Town of Hanover	1950	55	Dr : 66	8	61	-	-	4.8	12-7-50	T : -	L. Y 200; dd 14.4.
6	X 10	do.	1951	55	Dr : 68	8	68	-	-	4.2	5-29-51	T : -	L. Y 360; dd 9.6. Twenty ft. of screen.
7	X 10	do.	1951	60	Dr : 67	8	67	-	-	8	5-28-51	T : -	L. T 46. Y 350; dd 4.5.
50	X 10	do.	1951	60	Dr : 67	12	-	-	-	6.8	7-22-51	PS : Su :	Fifteen ft. of screen. GP. Y 795. Twenty ft. of screen. Located at site of Hanover 7.
51	X 10	do.	-	55	Dr : 55	12	-	-	-	-	-	PS : T :	GP. Y 800.
52	X 10	G. J. Bertrand	-	95	Du : 32.8	24	-	-	-	19.05	11-8-54	D : Su :	
54	X 10	W. P. Beckford	-	125	Du : 10.3	24	-	-	-	5.29	11-8-54	D : Su :	
56	W 10	Everett Morse	-	130	Du : 10.7	18	3	-	-	2.2	11-8-54	D : -	
57	W 10	do.	-	135	Du : 9.7	24	10	-	-	4.27	11-8-54	N : -	
HINGHAM													
5-9	W 10	U. S. Navy	-	25	Dn : 25	2	-	-	-	-	-	C : -	Y 50.
10,11	W 10	do.	-	15	Dn : 30	4	-	-	-	-	-	C : -	Y 100.
12	X 10	Hingham Water Co.	-	30	-	-	20	-	-	-	-	T : -	
13	X 10	do.	-	30	-	-	-	-	-	-	-	T : -	Y 20.
15	X 10	do.	-	30	-	-	9.4	-	-	-	-	T : -	L.
16	X 10	do.	-	25	-	-	34.1	-	-	-	-	T : -	L.
18	X 10	do.	-	25	-	-	74.3	-	-	-	-	T : -	L.
22	X 10	do.	-	30	-	-	-	-	-	-	-	T : -	L.
23	W 10	do.	-	25	-	-	-	-	-	-	-	T : -	L. Y 40.
24	W 10	do.	-	25	-	-	65.4	-	-	-	-	T : -	L.
26	W 10	do.	-	25	-	-	69.3	-	-	-	-	T : -	L.
27	W 10	do.	-	30	-	-	67.6	-	-	-	-	T : -	L.
28	W 10	do.	-	25	-	-	77	-	-	-	-	T : -	L. Y 8.
29	W 10	do.	-	30	-	-	68.3	-	-	6.1	-	T : -	L. High manganese content.
30	W 10	do.	-	30	-	-	70	-	-	-	-	T : -	L.
31	W 10	do.	-	25	-	-	26.2	-	-	9.4	-	T : -	L.
32	W 10	do.	-	30	-	-	21.8	-	-	-	-	T : -	L.
41	W 10	do.	-	25	-	-	66.9	-	-	7.8	-	T : -	L. Y 25.
42	W 10	do.	-	35	-	-	106.7	-	-	-	-	T : -	L. High iron and manganese content reported in lower strata.
43	W 10	do.	-	35	-	-	106	-	-	1.4	-	T : -	L. Y 160.
44	W 10	do.	-	35	Dr : 86	21	-	-	-	1.5	-	PS : T :	L. GP. Y 590; dd 38.
50	X 10	Ronald Parsons	-	70	Du : 17	60	-	-	-	15	10-29-54	D : Su :	
51	W 10	K. W. Blasier	-	70	Du : 15.5	24	-	-	-	11.50	10-29-54	D _N : -	
52	W 10	John T. Devenport	-	140	Dr : 32	8	32	-	-	-	-	D : Su :	Y 15.
53	W 10	Warren L. Thayer	-	145	Dr : 190	6	13	-	-	-	-	D : -	Y 10.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Year completed	Altitude of surface of well (feet)	Depth of well (feet)	Diameter of well (inches)	Type of well	Principal material	Character of unit	Geologic unit	Level	Date of measurement	Use of pump	Type of remarks
PLYMOUTH COUNTY (Continued)														
HINGHAM (Continued)														
54	W 10	Hingham Water Co.	-	30	73	24	-	-	-	Outwash	3	-	PS	T : Y 1,525; dd 17. GP. Test pumped at 4,340.
55-69	W 10	Mass. Dept. Pub. Wks.	1942	6.5	56.5	1	6.5R	-	-	do.	-	-	T	- :L. One of 15 borings.
70, 71	X 10	do.	1932	15.1	12.8	1	12.8R	-	-	Fill	-	-	T	- :L. One of 2 borings.
KINGSTON														
8	Y 8	Town of Kingston	1945	45	87	12	-	-	-	Outwash	8.1	6-23-45	PS	T : CP. Y 515; dd 39.
9	Y 8	do.	1945	35	35	2 1/2	-	-	-	do.	+8	-45	T	- :L. Y 120.
10-41	Y 8	do.	-	35	30-40	2 1/2	-	-	-	do.	+1 to -2	-	PS	Flow: Y 220.
LAKEVILLE														
1	W 7	Luke Leonard	-	90	24	24	-	-	-	Outwash	-	-	D	- :L.
3	W 7	Newell Wambolt	-	105	89	6	12	-	-	Bedrock	30	-	D	-
5	W 7	Judson	-	100	12	24	-	-	-	Outwash	-	-	D	Su :
6	W 7	Salmon Washburn	-	95	22	30	-	-	-	do.	-	-	D	Su : Clay reported at bottom.
7	W 7	Robert Manning	-	75	24	24	-	-	-	do.	-	-	D	Su :L.
9	W 7	Henry Blech	1949	100	38	48	-	-	-	do.	-	-	D	Su :
10	W 8	Richard White	-	65	38	24	-	-	-	do.	-	-	D	Su :
11	W 8	Emanuel Silva	-	60	85	-	-	-	-	Bedrock	-	-	D	- :Y 5.
13	W 7	Freetown-Lakeville Regional School	1958	110	141	6	118	-	-	do.	26	4-24-58	PS	- :L. Y 40.
MARION														
3	X 6	Town of Marion	-	10	36	2 1/2	36	-	-	Outwash	-	-	T	- :L. Y 25.
5	X 6	do.	-	10	36	2 1/2	36	-	-	do.	-	-	T	- :L. Y 25.
8	X 6	do.	-	20	-	2 1/2	47	-	-	do.	-	-	T	- :L. Y 25.
9	X 6	do.	-	15	-	50.8	50.8	-	-	do.	-	-	T	- :L.
14	X 6	Isaac Hathaway	-	10	9.4	-	-	-	-	Fill	4.09	9-3-59	O	-
15	X 6	Parker Converse	-	10	20.7	62	-	-	-	do.	6.81	9-3-59	-	-
16	X 6	Charles B. Potter	-	30	18.9	-	-	-	-	do.	18.09	9-3-57	-	- :A.
17	X 6	Robert Mitton	-	5	6.45	108	-	-	-	do.	3.69	9-3-58	-	- :A.
18	X 6	Robert E. Briggs	1900	15	17.5	24	-	-	-	do.	16.14	9-4-59	O	-
19	Y 6	Robert G. Stone	-	25	9.95	116.5	-	-	-	do.	4.37	9-4-59	Ir	- :Can be pumped dry in 3 1/2 hrs.
20	Y 6	H. C. Osborn	-	20	310	8	210	-	-	Bedrock	8.23	9-4-59	-	J :A. Reported pumped fresh water for 2 wks., then brackish water.
21	Y 6	Elizabeth Fraser	-	20	125+	8	-	-	-	do.	15	9-9-59	Ir	J :
23	X 6	U. S. Geol. Survey	1959	23	64	-	64	-	-	-	7	9-30-59	T	- :L.
25	X 6	do.	1960	10	24	4 1/2	24	-	-	Outwash	-	-	T	- :L.
MARSHFIELD														
22	Y 10	Mass. Dept. Pub. Wks.	-	5.4	-	29.0	-	-	-	-	-	-	T	- :A. L.
24	Y 9	Town of Marshfield	-	35	30-35	2 1/2	-	-	-	Outwash	-	-	PS	Su : Y 400. Battery of 50 wells.
25	Y 9	do.	-	35	26.9	24	-	-	-	do.	+2.0	11-2-54	-	-

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Altitude: of land--Type: of surface: completed: datum: (feet):	Depth: of well: (feet):	Diameter: of well: (inches):	bedrock: or refusal: (feet):	Principal water-bearing material: Character: unit	Level: Date of measurement:	Type: of use: of pump:	Remarks
PLYMOUTH COUNTY (Continued)										
MARSHFIELD (Continued)										
26	Y 9	Town of Marshfield	1944 : 10	Dr : 56	24	-	Outwash	2.0	PS : T : GP. Y 250.	
28	Y 9	do.	65	Dr : 97	12	-	do.	5.0	PS : T : GP. Y 800; ad 25. Test pumped at 1,200 gpm.	
29	Y 9	do.	1946 : 50	Dr : 97	12	-	do.	5.0	PS : T : GP. Y 800; ad 25.	
MATTAPOISETT										
1-20	X 6	Fairhaven Water Co.	1893 : 10	Dn : 30	2 1/2	-	Outwash	-	PS : Su : Y 485. Open end.	
21-51	X 6	do.	1901 : 15	Dn : 30	2 1/2	-	do.	-	PS : Su : Y 540. Open end.	
53-58	X 6	do.	1901 : 10	-	2 1/2	-	do.	-	PS : Su : Y 540. Open end.	
59	X 6	Town of Mattapoisett	1952 : 20	Dr : 70	48-24	-	do.	4	PS : T : GP. L. Y 650.	
63	X 6	do.	20	-	30.7	-	Till	-	T : - : L. Y 120.	
65	X 6	do.	15	-	25.3	-	Outwash	-	T : - : L. Y 120.	
67	X 6	Leonard Randall	1940 : 35	Dr : 86	6	26	Bedrock	-	D, S : J : C. T 49.	
68	X 6	Preston Valley	-	Dr : 112	6	25	do.	20	D : J : Y 2 1/2.	
69	X 6	Ingarth Svendsen	-	Dr : 116	6	6	do.	-	D : J : Y 10.	
70	X 6	Jerry Rondall	-	Du : 7.65	36	-	Till	1.91	0	
71	X 6	Mrs. Charles Austin	-	Du : 11.58	30	-	Sand	8.95	6-18-59: 0	
74	X 6	Joseph Barbosa	-	Dr : 53	6	-	Bedrock	17-18	8-5-59: D : J : A.	
78	X 6	Francis Silvaria	1938 : 70	Du : 20.4	24	-	Till	11.93	8-6-59: - : A.	
81	X 6	Caton Aiello	-	Du : 13.4	18	-	do.	9.07	8-8-59: - : A.	
82	X 6	Lawrence Green	-	Du : 10.2	36	-	-	5.19	8-27-59: - : A.	
86	X 6	Emmanuel Grace	-	Du : 17.8	24	-	Till	11.71	9-3-59: D : -	
87	X 6	-	-	Du : 12.6	-	-	do.	9.24	9-3-59: - : A.	
88	X 6	U. S. Geol. Survey	1959 : 28	A : 7	-	7R	Sand and gravel	4	9-28-59: T : - : L.	
89	X 6	do.	1959 : 30	A : 28	-	28R	Coarse sand	9	9-29-59: T : - : L.	
MIDDLEBOROUGH										
1	W 8	Mrs. Leon Townsend	1936 : 85	Du : 34.4	24	10	Bedrock	14.53	2-4-39: D, N : -	Observation well, 1939-40.
2	W 8	Nemasket Spring Co.	-	Dr : 110	6	-	do.	18	-	Y 43.
3	W 8	Harold White	-	Dr : 88	6	20	do.	-	-	D : J : Y 3.
5	W 8	Newell Walker	-	Du : 24	48	-	Outwash	-	-	D : -
6	W 8	W. W. Burroughs	-	Dr : 250	8	100	Bedrock	Flowing: 9-24-54:	D : -	Y 17. Flowing yield, 1 gpm. Owner reported 100 ft. of clay overlying bedrock.
7	W 8	Harrison Newcomb	-	Du : 18.5	24	-	Outwash	5.97	9-24-54: D : -	
8	W 8	Julius Hill	-	Dr : 150	6	84	Bedrock	10	-53: D : J : L. Y 10.	
9	W 8	Joseph E. Gilchrist	-	Dr : 110	6	28	do.	8	-	D : J : Y 2 1/2. Surficial material, till.
10	W 8	Foster Jackson	-	Dn : 20	1 1/2	-	Outwash	-	-	D : Su :
11	W 8	Burke	-	Du : 28	24	-	Till	-	-	D : Su :
12	W 8	Joseph A. Walker	-	Du : 22	30	-	Till (?)	-	-	D : Su :
13	W 8	Town of Middleborough	-	-	43.5	2 1/2	Outwash	-	-	T : - : L. Y 50.
14	W 8	do.	-	-	57.7	2 1/2	do.	-	-	T : - : L. Y 28; ad 3.8.
15	W 8	do.	-	-	41.6	2 1/2	do.	-	-	T : - : L. Y 28; ad 3.8.
16	W 8	do.	-	Du : 22	25 1/2	-	do.	-	-	PS : - : High iron and manganese content.
17	X 8	Harrison Goddard	-	Dn : 27	1 1/2	-	do.	15	-	D : J : Y 10.

Table 2.---Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed:	Altitude of surface datum (feet):	Type of well:	Depth of well (feet):	Diameter of well (inches):	Bedrock refusal (feet):	Principal Character:	Geologic unit:	Level of water (feet):	Date of measurement:	Type of pump:	Remarks
PLYMOUTH COUNTY (Continued)														
MIDDLEBOROUGH (Continued)														
18:	X 8	Richard MacNeil	-	90	Du	25	30	-	-	Outwash	-	-	D	Su
19:	X 8	A. M. Barney	-	45	Dn	24	-	-	-	do.	-	-	D	Su
21:	X 7	Fred Russel	-	120	Du	28	36	-	-	Fill	-	-	D	Su
23:	X 7	Jesse Motta	-	105	Dr	22	-	5	-	Bedrock	-	-	D	Su
25:	X 7	Mary Kumpuen	-	85	Dn	19	-	-	-	Outwash	-	-	D	Su
26:	X 7	Alma Parkkonen	-	80	Du	30	30	-	-	do.	-	-	D	Su
30:	X 7	Town of Middleborough:	-	90	-	44.2	24	44.2	-	do.	-	-	T	-
33:	X 7	do.	-	85	-	49	24	-	-	do.	-	-	T	-
34:	X 7	do.	1948	80	Dr	47	60	49	-	do.	-	-	PS	T
35:	X 7	do.	1948	80	Dr	47	60	49	-	do.	-	-	PS	T
55:	X 7	Malcolm Cook	-	150	-	39	36	-	-	Fill	19.25	7-8-59	-	-
56:	X 7	do.	1958	111	Dn	-	-	-	-	do.	8.00	7-9-59	O	J
62:	X 7	Oscar Westgate	-	80	Du	14.7	24	-	-	-	6.58	7-23-59	O	T
66:	X 7	Emmanuel Barbosa	-	90	Du	10.4	36	-	-	Outwash	-	-	D	-
67:	X 7	Joseph Gendron	1809	90	Du	22	40	-	-	Fill	-	-	D,S	DP
68:	X 7	Alex Zabriskie	-	90	Du	21.3	36	-	-	do.	17.16	8-18-59	D,S	DP
69:	X 7	Edwin Wickham	1956	80	Dr	86	6	-	-	Bedrock	20	9-56	D	J
70:	X 7	U. S. Geol. Survey	1959	77	A	55	44	55	-	Outwash	22	10-2-59	T	-
71:	X 7	do.	1960	95	A	39	44	39	-	do.	-	-	T	-
74:	X 7	do.	1960	91	A	6	44	6	-	do.	-	-	T	-
75:	X 7	do.	1960	91	A	6	44	6	-	do.	-	-	T	-
76:	X 7	do.	1960	125	A	7	44	7	-	do.	-	-	T	-
77:	X 7	do.	1960	120	A	7	44	7	-	do.	-	-	T	-
78:	X 7	Edward Tomasik	1900	110	Du	18.6	36	-	-	-	6.95	3-22-61	D	J
79:	X 7	Mrs. J. M. Read	1949	105	Dr	260	6	5	-	Bedrock	8	Fall -52	D	J
80:	X 7	E. A. Sisson	1949	123	Dr	186	6	32	-	do.	-	-	C	-
														Y 1 3/4. Originally dug to 30 ft. in "hardpan"; water-bearing at 12 ft. and 30 ft.
NORWELL														
3:	X 10	Chester A. Bell	-	110	Du	14.8	48	-	-	Outwash	3.78	11-4-54	D	Su
4:	X 10	Rose Halloran	-	90	Dr	285	6	132	-	Bedrock	-	-	D	T
5:	X 10	Seth Carey	-	110	Du	11.6	18	-	-	-	4.98	11-4-54	D	Su
6:	X 10	Leo Carl	-	115	Du	15.5	24	-	-	-	9.30	11-4-54	N	-
7:	X 10	do.	-	104	Du	7.4	18	-	-	-	28	11-4-54	D	-
8:	X 10	Earl Merrifield	-	145	Du	35	24	-	-	Outwash	29.41	11-4-54	D	Su
9:	X 10	Fred Fredrickson	-	132	Du	30.3	18	-	-	do.	7.36	11-4-54	D	-
10:	X 10	do.	-	145	Du	21.6	24	-	-	do.	12.45	11-4-54	D	-
11:	X 10	Banks	1954	150	Dr	97	26	60	-	Bedrock	-	-	D	-
12:	X 10	Lora Thomas	-	135	Du	30	24	-	-	Outwash	-	-	D	-
13:	X 10	-	-	80	Du	36	-	-	-	do.	21	6-55	D	-
														Y 1. Well being drilled.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Year completed	Altitude of surface plotted, datum (feet)	Depth of well (feet)	Diameter of well (inches)	Refusal (feet)	Principal water-bearing material	Character of unit	Geologic unit	Level of water (feet)	Date of measurement	Type of pump	Remarks
PLYMOUTH COUNTY (continued)														
PLYMOUTH														
2	Z 8	The Mariner	-	275	310	8	-	-	-	Outwash	-	-	FS	DP
3	Z 8	Town of Plymouth	-	25	100	18	-	-	-	do.	4	10-26-46	FS	T
4	Y 8	W. S. Raymond	-	120	38	1 1/2	-	-	-	do.	-	-	D	Su
5	Y 8	Town of Plymouth	-	100	65	2 1/2	65	-	-	do.	6.6	-51	T	-
6	Y 8	do.	-	50	47	2 1/2	47	-	-	do.	-	-	T	-
7	Y 8	Frank Thomas	-	150	47	2	-	-	-	do.	41	-	D	J
8	Y 8	John Barengo	-	185	86	6	-	-	-	do.	-	-	D	DP
13	Y 8	Bob Bowler	-	190	120	8	-	-	-	do.	-	-	D	J
15	Y 8	Town of Plymouth	-	90	130	24-18	-	-	-	do.	9	8-53	FS	-
17	Z 7	Paul Shaw	-	60	20	2	-	-	-	do.	-	-	D	Su
18	Z 7	Frank Zinkewich	1953	100	170	2	-	-	-	do.	99	-53	FS	T
21	Y 8	Plymouth Airport	1955	145	25.5	1 1/4	-	-	-	Outwash	23.77	10-31-55	FS	Su
22	Y 8	U. S. Geol. Survey	1956	145	42.0	1 1/4	-	-	-	do.	24.82	11-5-56	O	-
23	Y 7	William Ramsey	1959	90	33	1 1/4	-	-	-	do.	-	-	D	H
24	Y 7	Harold C. Blood	1956	70	30	1 1/4	-	-	-	do.	28.5	-56	D	-
25	Y 7	State of Mass.	-	80	26-28	2	-	-	Sand	do.	16	4-57	FS	DP
26	Y 7	Squanto Council Inc., Boy Scouts of Am.	-	75	18	4	-	-	do.	do.	-	-	FS	-
27	Y 7	A. D. Makepeace Co.	-	80	14.2	1 1/4	-	-	-	do.	11.27	8-26-59	O	-
28	Y 7	Standish State Forest	-	100	20	1 1/4	-	-	-	do.	3.21	9-16-59	FS	H
29	Y 7	U. S. Geol. Survey	1959	95	92	1 1/4	-	-	Medium-coarse sand	do.	25.02	1-5-60	O,T	-
30	Y 7	do.	1959	105	72	-	-	-	-	do.	32	10-7-59	T	-
31	Y 7	do.	1959	120	92	-	-	-	Coarse sand	do.	47	10-8-59	T	-
32	Y 7	do.	1959	180	92	-	-	-	-	do.	dry	10-8-59	T	-
33	Y 7	do.	1959	105	77	-	-	-	Sand	do.	60	10-6-59	T	-
34	Y 7	do.	1959	95	77	-	-	-	-	do.	45-50	10-6-59	T	-
35	Y 7	S. L. Sherman	-	100	20	1 1/4	-	-	-	do.	-	-	D	H
36	Y 7	-	-	75	-	1 1/4	-	-	-	do.	-	-	D	H
37	Y 7	U. S. Geol. Survey	1960	90	133	4 1/4	-	-	-	do.	-	-	T	-
38	Y 7	do.	1960	98	133	4 1/2	-	-	-	do.	-	-	T	-
39	Y 7	do.	1959	86	72	-	-	-	-	do.	23	10-7-59	T	-
PLYMPTON														
1	X 8	Plympton Pub. Library	1951	95	100	6	46	-	-	Bedrock	20	12-51	FS	-
2	X 8	Robert Anderson	-	55	11.5	24	-	-	-	Till	2.97	11-9-54	D	Su
3	X 8	Joseph True	-	100	16.0	24	-	-	-	Outwash	13.53	11-9-54	D	Su
4	X 8	Paul McAlinden	-	50	121	6	-	-	-	Bedrock	-	-	D	J
5	X 8	Ralph McIlvana	-	90	36	6	30	-	-	do.	-	-	D	Su
6	X 8	do.	-	85	10	2	-	-	-	-	-	-	D	Su
7	X 8	Angus	-	45	18	2	18	-	-	Bedrock	-	-	D	Su

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Altitude: Year of land: com: surface: pleted: datum: well: (feet):	Type: of well: refusal: (feet):	Depth: to: or: refusal: (feet):	Principal water-bearing material: Character: unit:	Level: Date of: measure- ment:	Use: of: pump:	Type: of: pump:	Remarks
PLYMOUTH COUNTY (Continued)										
ROCHESTER										
1	W 7	George Sousa	145	Dr	195	-	-	-	D	- Y 2½.
2	W 7	Joseph Simmons	1911	Du	45	24	-	-	D	DP
8	X 6	William Daves	65	Dr	65	6	-	-	D	-
9	X 6	Carl Taber	40	Du	27	24	-	-	D	Su
10	X 6	Frank Rytelewski	35	Dr	85	6	-	-	D	-
11	X 6	Eliot Saunders	50	Du	14.2	18	15	-	D	-
15	X 7	Town of Marion	70	-	6	-	4.57	9-29-54	D	Su
17	X 7	do.	1947	-	69.6	-	-	-	T	- A. L.
20	X 6	do.	1947	-	45.8	-	1.8	-	T	- A. L. Y 40; dd 2.3.
22	X 6	do.	1947	-	43.9	-	2.4	-	T	- A. L. Y 30; dd 7.3.
24	X 6	do.	1947	-	51.0	-	-	-	T	- A. L.
27	X 6	do.	1947	-	29.3	-	-	-	T	- A. L.
30	X 6	do.	1947	-	39.0	-	-	-	T	- A. L.
53	X 6	do.	1947	-	55	-	-	-	T	- L.
72	X 6	do.	20	Dr	31	-	-	-	PS	T: GP. L. T 48. Y 350.
73	X 6	do.	20	Dr	28	-	-	-	PS	T: GP. L. T 48. Y 450.
74	X 7	Anna Tavares	40	Dn	18	3	-	-	-	- Su: High iron content reported.
75	X 7	B. B. French	70	Dr	118	6	-	-	-	-
76	X 7	Walter Denham	75	Du	24	36	-	-	D	- Su: High iron content reported.
78	X 7	U. S. Geol. Survey	1958	Dn	35	1½	12.31	8-19-58	-	- A. L. T 48. Y 50.
80	X 6	St. Joseph's Church	53	Du	14.63	24	3.72	6-23-59	0	- C.
82	X 7	George E. Leach	1958	Dn	45	1½	15	-	D	- T 54. Iron stain.
83	X 7	do.	45	Du	10.6	36	-	-	-	- C. T 54.
84	X 7	Irene George	45	Du	26	30	6.30	7-15-59	0	-
88	X 6	Hartley Saw Mill	40	Du	17.3	30	22.22	7-15-59	D	-
89	X 6	Edward Kucharski	70	Dr	77	6	7.49	7-30-59	-	DP: A. Iron stain reported.
95	X 6	Gerard Chase	1957	Dr	56	6	6.60	8-4-59	D	J: Reported 7 gpm.
96	X 7	Maurice Fuller, Jr.	85	Du	16	30	8.81	8-18-59	D	- Dry 5 times 1920-1959.
97	X 7	Maurice Fuller, Sr.	1760	Du	35	30	22.61	3-22-61	D	J: C.
101	X 7	U. S. Geol. Survey	1959	A	7	4½	-	-	T	- L.
102	X 7	do.	1959	A	6	4½	-	-	T	- L.
103	X 7	do.	1959	A	13	4½	-	-	T	- L.
104	X 6	do.	1959	A	27	4½	5	9-28-59	T	- L.
105	X 6	do.	1959	A	47	4½	15	9-28-59	T	- L.
106	X 6	do.	1959	A	35	4½	5	9-29-59	T	- L.
107	X 7	do.	1959	A	72	4½	37	10-2-59	T	- L.
108	X 7	do.	1960	A	35	4½	11	10-14-60	T	- L.
109	X 7	do.	1960	A	32	4½	-	-	T	- L.
110	X 7	do.	1960	A	11	4½	-	-	T	- L.
111	X 7	do.	1960	A	26	4½	-	-	T	- L.
112	X 7	do.	1960	A	57	4½	-	-	T	- L.
113	X 7	do.	1960	A	24	4½	-	-	T	- L.
114	X 7	do.	1960	A	81	4½	-	-	T	- L.
119	X 6	do.	1960	A	48	4½	-	-	T	- L.
120	X 6	do.	1960	A	44	4½	-	-	T	- L.
147	X 7	do.	1958	Dr	92.6	2½	22.37	8-13-58	T	- L. Y 5.
ROCKLAND										
21	W 10	Towns of Abington and Rockland	1953	Dn	41	2½	-	-	T	- A. L. Y 35.
36	W 10	do.	1953	Dn	49	2½	2.8	-53	T	- L. Y 25.

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location:	Owner or user	Year completed	Altitude of surface datum (feet)	Depth of well (feet)	Diameter of well (inches)	Type of well	Principal Character	Geologic unit	Water Level (feet)	Date of measurement	Type of pump	Remarks
PLYMOUTH COUNTY (Continued)													
SCITUATE													
9	Y 10	Mass. Dept. Pub. Wks.	1941	-1.7	46.0	-	46	-	-	-	-	-	-
10	X 10	Town of Scituate	1931	10	70	30-16	70	-	Outwash	+13	-31	PS	T : A. L. : GP. L. Y 185. Fifteen ft. of screen. Flows when pump is off. Pumping water level, 53 ft. below land surface.
11	X 10	do.	1932	10	119	36-18-12	-	-	do.	Flowing	-	PS	T : L. GP. Y 140. Pumping water level, 40 ft. below land surface.
12	X 10	do.	-	10	60	18	-	-	do.	-	-	PS	T : L. GP. Y 150. Eighteen ft. of screen. Contains hydrogen sulfide.
13	X 10	do.	1944	50	72	24	-	-	do.	1	-44	PS	T : L. Y 350; dd 48. GP. Emergency use only.
14	X 10	do.	-	15	19.5	16	-	-	-	0	-	PS	T : L. Y 135. GP. Eight ft. of screen. Land surface now 6 ft. above original land surface.
17	X 10	do.	1954	55	95	8	95	-	Outwash	+1.65	11-2-54	T	- : L. :
20	X 10	Frank Ainslie	-	110	17.4	20	-	-	do.	12.57	11-4-54	D	B : - : L. :
21	Y 10	Town of Scituate	25	25	67	2 $\frac{3}{4}$	-	-	-	-	-	T	- : L. :
24	Y 10	do.	-	30	20	20 $\frac{1}{2}$	-	-	-	Flowing	-	PS	Su : Y 42. Flowing yield 24 gpm.
25	Y 10	do.	-	25	45-47	2 $\frac{1}{2}$	-	-	-	Flowing	-	PS	Su : Y 100. Battery of 40 wells.
26	Y 10	do.	-	5	62	16	-	-	Outwash	2	-	PS	T : L. GP. Y 190. Ten ft. of screen.
27	Y 10	do.	-	45	49	24	-	-	do.	5	-	PS	T : L. GP. Y 350; dd 23. Well was test pumped at 700 gpm. Twenty ft. of screen.
WAREHAM													
25	X 6	Frank Fajunen	-	15	16	24	-	-	Outwash	-	-	D	Su : - : Su :
26	X 6	Charles Perry	-	20	12	24	-	-	do.	-	-	D	Su : Owner reports 65 ft. of sand at this location.
28	X 7	Aldo Guersoni	-	50	17	30	-	-	do.	-	-	D	- : High iron content.
29	X 7	White	-	60	18	30	-	-	Till	-	-	D	Su :
30	Y 7	Harry Grages	-	85	60	2 $\frac{1}{2}$	-	-	Outwash	-	-	D	J :
31	Y 7	Wareham Fire Dist.	-	20	28	-	-	-	do.	-	-	PS	- :
32	Y 7	Mrs. Jona Blondin	-	55	22	2	-	-	do.	-	-	D	Su :
36	Y 7	Harmon C. Howe	-	60	53	6	-	-	Bedrock	-	-	D	- :
37	Y 7	Onset Fire Dist.	-	10	70 $\frac{1}{2}$	24	-	-	Outwash	12.5	4-27-54	PS	T : GP. Y 570; dd 9.5.
38	Y 7	do.	-	10	67.1	8	-	-	do.	2	-	T	- : L. : C. T 52.
40	Y 7	Eugene Tavares	1959	20	25	1 $\frac{1}{4}$	-	-	do.	19	6-59	D	- : T 55. Iron stain reported.
41	Y 7	Anna Linden	1914	20	125	-	-	-	-	10.81	7-10-59	-	- : T 49.
42	Y 6	Alexander Whiteside	1893	30	34.1	36	-	-	-	27.30	7-10-59	D	- : T 50. Slight iron stain reported.
43	Y 6	Stephen Winship	1900	10	26.9	48	-	-	-	23.17	7-10-59	D	DP : T 50. Slight iron stain reported.
44	Y 6	George Griffith	1900	15	18.9	36	-	-	Outwash	12.42	7-14-59	D	- : C. :

Table 2.--Records of selected wells and test holes in southeastern Massachusetts--Continued

Well no.	Location	Owner or user	Year completed	Altitude of surface of well, datum (feet)	Depth of well, (feet)	Principal material	Character of material	Geologic unit	Level	Date of use	Type of pump	Remarks
45	Y 6	James Bangs	-	20	19.25	-	-	Till	13.38	7-14-59	D	Reported iron stain,
46	X 7	John T. Berriault	-	70	2 $\frac{1}{2}$	-	-	Outwash	-	-	D	mineral taste, slight odor.
47	X 7	Eva Grassi	-	60	21.6	24	-	do.	16.14	7-15-59	D	T 52. Iron stain reported.
48	X 7	Mrs. Victor Haarala	-	50	17.8	24	-	do.	14.09	7-15-59	D	-
49	Y 7	Herbert A. Fisk	-	25	18.0	-	-	do.	13.67	7-14-59	-	A.
50	Y 7	Julius Babbitt	-	15	14.2	36	-	Till	13.55	7-15-59	-	-
51	Y 7	Thomas B. Rogers	1919	20	15	30	-	Outwash	6.59	7-16-59	O	T 57.
55	Y 7	James R. Lincoln	-	85	32.6	36	-	Sand	17.59	7-20-59	-	T 55. Slight iron stain reported.
58	Y 6	B. G. Waters	-	5	23	1 $\frac{1}{4}$	-	Outwash	-	-	D	Heavy iron reported. Used in summer only.
60	Y 6	Mrs. Grafton Fay	-	10	13.5	3	-	Till	3.95	8-26-59	PS	Supplies 16 houses during summer.
61	Y 6	Allan P. Locke	1940	10	18	1 $\frac{1}{4}$	-	Outwash	-	-	-	Water becomes brackish when well points are driven deeper.
62	Y 7	U. S. Geol. Survey	1959	47	82	1 $\frac{1}{4}$	-	do.	12.98	1-5-60	O	-
63	X 7	do.	1959	73	29	-	-	do.	dry	9-30-59	T	-
64	X 7	do.	1959	70	15	-	-	do.	20	9-30-59	T	-
65	X 7	do.	1959	47	52	-	-	do.	4 or 5	10-1-59	T	-
66	X 7	do.	1959	58	14	-	-	do.	10	10-1-59	T	-
67	X 7	do.	1959	23	49	-	-	do.	34	10-5-59	T	-
68	Y 6	do.	1959	22	77	-	-	do.	14	10-6-59	T	-
69	Y 7	do.	1959	27	77	-	-	do.	22	10-6-59	T	-
70	Y 7	do.	1959	55	70	-	-	do.	31	10-6-59	T	-
73	Y 7	do.	1959	60	72	-	-	do.	35	10-7-59	T	-
74	Y 7	do.	1959	80	72	-	-	do.	-	-	T	-
75	X 7	do.	1960	78	14 $\frac{1}{2}$	-	-	do.	-	-	T	-
77	X 6	do.	1960	16	37.5 $\frac{1}{2}$	-	-	do.	-	-	T	-
79	Y 7	do.	1960	25	67	-	-	do.	-	-	T	-
80	Y 7	do.	1960	45	79	-	-	do.	-	-	T	-
81	Y 7	do.	1960	70	63 $\frac{1}{2}$	-	-	do.	-	-	T	-
82	Y 7	do.	1960	85	14	-	-	do.	-	-	T	-
83	Y 6	Louise Barrett	-	10	6	-	-	Till	8.86	9-10-59	-	-
84	Y 7	George Lent	1960	75	33	-	-	Outwash	30	9-60	D	-
88	X 7	Walter Barnes	1961	30	100	8	-	Bedrock	-	-	D	-
89	Y 7	Wareham Fire Dist.	1956	21	55	24 $\frac{1}{2}$	-	Outwash	-	-	PS	T Y 650; dd 8-9 after 168 hrs. GP. Twenty four in. screen bottom 20-22 ft.
90	Y 7	do.	1956	17	55	24 $\frac{1}{2}$	-	do.	-	-	N	Do.
15	V 8	Walter Peterson	1950	70	10	48	-	Till(?)	1	1-25-50	N	-
16	V 8	Howard Briggs	1950	75	67	6	-	Bedrock	17	12-49	D	J Y 6. 15 ft. dug well nearby goes dry.

WEST BRIDGEWATER

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts
(Thicknesses and depths below land surface are given in feet)

BARNSTABLE COUNTY									
	Thick- ness	Depth		Thick- ness	Depth		Thick- ness	Depth	
BARNSTABLE 57. Alt. 35 ft.			BOURNE 27. Alt. 73 ft.			BOURNE 198. --Continued			
Hardpan, gravelly.....	15	15	Mud.....	4	4	Mainly fine and medium sand,			
Gravel.....	46	61	Coarse sand, small gravel....	11.8	15.8	scattered cobbles and fine			
Clay.....		below 61	Medium-coarse sand, small			and medium angular gravel...	9	42	
			gravel.....	15.2	31.0				
BARNSTABLE 81. Alt. 50 ft.			Rusty sand, small gravel.....	12.4	43.4	BREWSTER 4. Alt. 30 ft.			
Sand.....	30	30	Medium-coarse sand, small			Clay, sand, and gravel.....	15	15	
Hardpan.....	10	40	gravel.....	47.1	90.5	Sand, fine; some gravel.....	7	22	
Gravel.....	7	47	Coarse sand, small gravel....	9.6	100.1	Sand, coarse.....	11	33	
						Sand; some gravel.....	4	37	
BARNSTABLE 107. Alt. 9 ft.			BOURNE 76. Alt. mean sea level.			Sand, red, fine; and gravel;			
Peat.....	3-10	3-10	Sand, fine, gravel (canal			trace of clay.....	6	43	
Sand.....	40-47	50	bottom).....	0	0	Sand, red, fine; gravel; and			
Clay.....		at 50	Sand, fine, mud, seaweed turf,			clay.....	4	47	
			gravel.....	5	5				
BARNSTABLE 179. Alt. 35.			Sand, fine.....	5	10	BREWSTER 21. Alt. 30 ft.			
Sand and gravel.....	14.6	14.6	Sand, fine, medium.....	5	15	Soil zone.....	1	1	
Sand, medium.....	10.5	25.1	Sand, mixed, gravel.....	5	20	Sand, medium, brown, well			
Sand, fine.....	10.9	36	Sand, fine, gravel.....	10	30	sorted, scattered coarse			
Sand, fine; little clay.....	16	52	Sand, mixed, gravel.....	5	35	gravel.....	4	5	
Sand, fine.....	2	54	Sand, mixed, gravel, clay....	10	45	Sand, coarse, gravel layer at			
Clay, pure.....	5	59	Sand, mixed, gravel.....	15	60	6, sand, coarse, with finer			
Sand, medium.....	11	70	Sand, medium to coarse, and			and coarser grains, brown to			
Sand, fine; and clay.....	35	105	gravel.....	5	65	reddish, well sorted.....	5	10	
			Sand, medium, and coarse			Sand, coarse, brown, well			
BARNSTABLE 197. Alt. 179.9.			gravel, clay.....	10	75	sorted, wet.....	5	15	
Loam, sand, fine and gravel....	0.5	0.5	Sand, mixed, gravel, clay....	5	80	Sand, coarse, brown, well			
Sand, medium, gravel and			Sand, medium to coarse, gravel	10	90	sorted.....	3	18	
boulders.....	41.5	42	Sand, fine to medium, gravel..	5	95	Gravel, fine, brown to tan,			
Sand, fine, hard, gravel and			Sand, mixed, gravel.....	5	100	well sorted, clean.....	7	25	
boulders.....	8	50							
Sand, fine, compact, hard, and			BOURNE 80. Alt. 10 ft.			BREWSTER 22. Alt. 40 ft.			
fine gravel.....	8	58	Sand, fine.....	20	20	Sand, fine to coarse.....	5	5	
BARNSTABLE 224. Alt. 20 ft.			Stones.....	1	21	Sand, medium to coarse, some			
Sand, iron stained; and fine			Sand, coarse; and gravel.....	7	28	gravel, brown.....	47	52	
gravel.....	27	27	Stones.....	2	30				
Silt, clay, and sand; appears			Sand, coarse.....	20	50	BREWSTER 23. Alt. about 70 ft.			
as clay.....	1	28	Sand, coarse; gravel; and			Sand, fine to very coarse,			
Sand, iron stained; and fine			stones.....	5	55	yellowish brown; scattered			
gravel.....	6	34	Sand, coarse; and stones....	5	60	gravel layers.....	120	120	
Sand, white, quartz; a few rock			Stones.....	2	62	Sand, fine to very coarse,			
particles; all coarse or			Stones, small; coarse sand;			gray; scattered gravel			
larger.....	6	40	and gravel.....	13	75	layers.....	69	189	
BARNSTABLE 228. Alt. 40.5.			Sand, fine; and gravel.....	10	85	Pebbles, very small; silty			
Gravel, fine; some clay.....	10	10	Sand, fine.....	5	90	clay; scattered sand layers.	86	275	
Sand, medium; some clay.....	20	30	Sand and gravel.....	5	95	Sand, very fine to very			
Gravel, medium; some traces of			Sand, fine.....	5	100	coarse; gravel layers.....	140	415	
clay.....	27	57	Sand, coarse; gravel; and			Till.....	18	433	
Sand, fine.....	5	62	large stones.....	10	110	Quartz, biotite gneiss.....	567	1000	
BARNSTABLE 230. Alt. 40 ft.			Sand, fine.....	0.2	110.2				
Sand, medium to coarse, gravel.	5	5	Sand, coarse; and stones....	4.6	114.8	CHATHAM 82. Alt. 35 ft.			
Sand, coarse, gravel, fine....	2	7	Sand, fine.....	0.2	115	Basement.....	7	7	
Gravel, coarse, rounded; some			Sand, coarse; and gravel....	3	118	Sand.....	30	37	
fine to coarse-grained sand..	1	8	Bedrock, blue.....	2	120	Clay and quicksand.....	30	67	
Sand, coarse, moderately			BOURNE 107. Alt. 20 ft.			Sand.....	8	75	
sorted, with sparse fine			Sand and gravel.....	30	30				
gravel.....	8	16	Sand, fine to medium.....	20	50	CHATHAM 138. Alt. 40 ft.			
Sand, medium to coarse, well			Sand, coarse; and gravel....	5	55	Sand, medium to coarse, brown,			
sorted, subrounded to rounded	27	43	Sand, medium.....	5	60	some gravel.....	40	40	
			Sand and gravel.....	5	65	Silty clay.....	5	45	
BARNSTABLE 238. Alt. 91.2.			Sand, medium.....	5	70				
Sand, gravel, trace of clay..	6	6	Sand, mixed.....	15	85	DENNIS 5. Alt. 30 ft.			
Sand, very fine, coarse clay..	5	11	Sand, medium; and gravel....	30	115	Sand, fine; and gravel.....	24	24	
Sand, compact, gravel, and			Sand, coarse; and gravel....	10	125	Clay and boulders.....	8	32	
little clay.....	9	20	Sand, fine.....	3	128	Sand and gravel.....	10	42	
Sand, fine, some coarse gravel						Clay.....	0.9	42.9	
Sand, fine, compact, some			BOURNE 125. Alt. 21.0 ft.						
gravel, and little clay....	5	30	Topsoil.....	1	1	DENNIS 15. Alt. 5 ft.			
			Sand, loam, and gravel.....	2.5	3.5	Sand.....	55	55	
BARNSTABLE 245. Alt. 114.			Sand, clay, and gravel.....	5.9	9.4	Hardpan (clay).....	10	65	
Clay, sand, fine, some loam..	3.2	3.2	Sand, fine.....	9	18.4	Sand.....	15	80	
Sand, compact, gravel, some			Sand, coarse; boulders.....	4.9	23.3	Clay.....	17	97	
clay.....	3.8	7	Sand, medium.....	5	28.3	Hardpan.....	16	113	
Sand, fine, little clay.....	10	17	Sand, fine.....	6	34.3	Clay.....	237	350	
Sand, fine, compact, some clay	16	33	Sand, coarse.....	4.9	39.2	Sand, very fine.....	30	380	
Sand, very fine, compact, some									
clay.....	6	39	BOURNE 198. Alt. 60 ft.			DENNIS 20. Alt. 6.5 ft.			
BARNSTABLE 247. Alt. 50 ft.			Sand, mainly quartz, mainly			Sand, fill.....	5	5	
Sand, medium to coarse, some			medium, slightly to			Peat.....	2	7	
gravel.....	52	52	moderately rounded, some			Sand, coarse, hard, yellow,			
BOURNE 1. Alt. 20 ft.			fine to medium rounded			with fine gravel.....	10.5	17.5	
Soil.....	2	2	gravel.....	10	10	Sand, coarse, firm.....	11.5	29	
Sand, coarse.....	68	70	Cobbles or coarse gravel....	1	11	Sand, coarse, gray, firm....	6.5	35.5	
Sand, fine.....	27	97	Mainly medium sand, moderately			Sand, fine, hard, blue, little			
			rounded to well rounded....	6.5	17.5	clay.....	18	53.5	
BOURNE 12. Alt. 10 ft.			Coarse cobbles and gravel....	1	18.5	Sand, fine, hard, blue.....	19.5	73	
Clay; and fine sand.....	18	18	Mainly medium sand, some						
Sand, coarse.....	18	36	coarse, angular to slightly			DENNIS 27. Alt. 2.0 ft.			
Sand and gravel.....	11	47	rounded grains, some fine			Sand and gravel, some very			
			and medium gravel.....	2.5	21	coarse gravel.....	11.9	11.9	
			Sand, fine to coarse, slightly			Sand, compact with gravel....	4.1	16	
			rounded to angular; gravel,			Sand, fine, compact.....	19	35	
			fine to coarse, few cobbles.	1	22	Sand, coarse, very compact...	7	42	
			Mainly fine to medium quartz						
			sand, angular to slightly						
			rounded, some fine gravel..	11	33				

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued

BARNSTABLE COUNTY--Continued

Thick- ness Depth		Thick- ness Depth		Thick- ness Depth	
<u>DENNIS 40. Alt. 9.0 ft.</u>		<u>HARWICH 49.--Continued</u>		<u>MASHPEE 13.--Continued</u>	
Sand, loose.....	14 14	Silt to very coarse sand; few pebbles.....	7.5 13.5	Sand, mainly medium and coarse, well sorted, angular to slightly rounded, brown, quartz.....	5 32
Sand, medium, brown, compact...	20 34	Clay to small cobbles.....	0.3 13.8	Sand, mainly medium and coarse, well sorted, quartz, slightly to moderately rounded.....	5 37
Sand, coarse, gray, compact....	19.8 53.8	Pebbles to coarse and fine sand.....	1.8 15.6	Sand, quartz, mainly medium and coarse, well rounded, well sorted.....	5 42
<u>DENNIS 60. Alt. -6.7 ft.</u>		Clay to cobbles.....	0.4 16	Sand, moderately rounded to well rounded, mainly medium, well sorted, brown, quartz, a little gravel....	30 72
Sand, silty.....	9.5 9.5	Pebbles to coarse and fine sand; and lumpy silt.....	12 28	<u>ORLEANS 5. Alt. 30 ft.</u>	
Sand, fine.....	16.5 26	Sand, medium, to small pebbles	25 53	Loam, sandy.....	12 12
Sand, fine, compact.....	7.0 33	Sand, medium to very coarse...	14 67	Clay, blue; no stones.....	16 28
Sand, compact, some gravel, little clay.....	5.5 38.5	Sand, brown, quartz, medium; and fine sand; some muscovite.....	0.3 67.3	Hardpan, iron.....	1 29
Refusal.....	at 38.5	<u>HARWICH 55. Alt. 5.6 ft.</u>		Sand, coarse.....	at 29
<u>DENNIS 66. Alt. 50.7 ft.</u>		Sand and gravel, fill.....	11.5 11.5	<u>ORLEANS 7. Alt. 95 ft.</u>	
Sand, loose.....	2.3 2.3	Sand, silty, sharp.....	9.5 21	Loam and clay.....	10 10
Sand, fine to medium.....	14.7 17	Sand, sharp.....	17.8 38.8	Clay, gray.....	4 14
Sand, fine, compact.....	5 22	Sand, coarse, and gravel.....	4.9 43.7	Sand, medium.....	83 97
Sand, fine, compact, trace of clay.....	9.5 39.7	Clay and sand, fine.....	3.6 47.3	Sand, fine.....	12 109
<u>EASTHAM 3. Alt. 0.3 ft.</u>		Sand, medium, sharp.....	3.1 50.4	Clay, hard.....	3 112
Silty peat.....	7.2 7.2	<u>HARWICH 70. Alt. 52 ft.</u>		Sand.....	6 118
Sand, sharp, and very little gravel.....	8.8 16	Sand, medium, some silt, dark, loose.....	6 6	<u>ORLEANS 10. Alt. 2.8 ft.</u>	
Sand, coarse, little gravel...	8.5 24.5	Sand, coarse, loose.....	12 18	Sand and gravel, some vegetation.....	5 5
Sand, sharp, little gravel.....	22.3 46.8	Sand, fine, loose.....	5 23	Sand and gravel mixed with mud	5 10
Sand, coarse, and gravel.....	14.2 61	Sand, coarse, hard to medium, compact.....	12 35	Mud mixed with sand.....	7.5 17.5
Sand, coarse, hard, and gravel.	5 66	<u>HARWICH 75. Alt. 50 ft.</u>		Sand, compact, gravel, with little clay.....	2 19.5
<u>FALMOUTH 72. Alt. 45 ft.</u>		Soil zone.....	2 2	Sand, fine.....	10 29.5
Sand.....	5 5	Sand, coarse, with gravel, moderate sorting, reddish-brown.....	4 6	Sand, compact, some gravel, little clay.....	4.5 34
Clay, blue.....	20 25	Sand, coarse, light tan, some fine gravel, well sorted...	27 33	<u>PROVINCETOWN 13. Alt. 30 ft.</u>	
Sand and gravel.....	5 30	Clay, blue, with lenses of gray sandy clay.....	15 48	?.....	20 20
<u>FALMOUTH 116. Alt. 0.4 ft.</u>		Stopped drilling at 48 ft.		Sand, light gray with yellow flecks, medium subangular to well rounded; some carbonaceous material.....	60 80
Sand, firm, coarse, little clay, fill.....	17 17	<u>HARWICH 76. Alt. 75.8 ft.</u>		Sand, light gray with yellow flecks, coarse, subangular to well rounded; some carbonaceous material.....	20 100
Sand, soft, coarse, dirty, fill	6 23	Loam and sand.....	1.5 1.5	Sand, light gray, fine to medium, silty, subangular to well rounded; some mica.....	20 120
Silty peat, little sand.....	5 28	Sand, medium, yellow.....	2.5 4	Sand, light gray to pale yellow, medium, subangular to well rounded; some mica..	20 140
Sand, hard, coarse, blue, and gravel.....	2.5 30.5	Sand, medium, yellow, very little gravel.....	18 22	Silt, gray, compact, bard; and clay; some mica.....	20 160
Sand, hard, gravel and clay, hardpan.....	4.5 35	Sand, medium, yellow, little gravel.....	13 35	Sand, yellowish-brown, medium, subangular to well rounded..	20 180
<u>FALMOUTH 123. Alt. 5.5 ft.</u>		<u>HARWICH 86. Alt. 55.5 ft.</u>		Sand, pale yellow, fine to medium, well rounded; some mica.....	20 200
Sand and gravel, fill.....	5.5 5.5	Loam and sand.....	1.5 1.5	Sand, light gray, fine to very fine, silty; abundant mica..	100 300
Sand, peaty.....	3 8.5	Sand, medium, yellow, little gravel.....	53.5 55	Remainder of samples missing; total depth 420 ft.	
Sand, firm, coarse, yellow...	18 26.5	Sand, fine, very compact, yellow.....	6 61	<u>SANDWICH 3. Alt. 140 ft.</u>	
Sand, firm, coarse.....	12.5 39	<u>HARWICH 92. Alt. 48.2 ft.</u>		Soil.....	2 2
Sand, firm, coarse, gray.....	9.5 48.5	Sand, medium, loose, yellow...	9 9	Gravel, hard packed.....	8 10
Sand, hard, coarse, compact, little fine gravel.....	6.5 55	Sand, medium, compact, yellow.	14 23	Sand.....	88 98
<u>FALMOUTH 133. Alt. 1.3 ft.</u>		Sand, firm, medium, compact, yellow.....	11 34	<u>SANDWICH 4. Alt. 145 ft.</u>	
Soft mud.....	6.3 6.3	Sand, coarse, hard, compact, yellow.....	6 40	Soil.....	2 2
Sand, coarse, loose, yellow...	9.8 15.1	<u>HARWICH 105. Alt. 13.9 ft.</u>		Sand, hard packed.....	18 20
Sand, hard, fine, compact, yellow.....	30.2 45.3	Sand, coarse, medium, compact, brown.....	6 6	Sand.....	88 108
<u>FALMOUTH 152. Alt. 1.3 ft.</u>		Sand, firm, fine.....	9 15	<u>SANDWICH 5. Alt. 10 ft.</u>	
Sand; and soft mud.....	2 2	Sand, fine, gray, medium compact.....	6 21	Peat.....	8 8
Sand, medium, loose; and gravel	15.2 17.2	Silt, gray, trace of clay, stiff.....	4 25	Sand, coarse; and gravel.....	21 29
Sand, yellow, coarse, firm....	4.8 22	Sand, medium gray, medium compact.....	7 32	Sand and clay.....	10 39
Sand, blue, fine, hard, compact	36 58	<u>HARWICH 106. Alt. 25 ft.</u>		Sand, medium and coarse.....	25.5 64.5
<u>FALMOUTH 155. Alt. 5.8 ft.</u>		Sand, fine, with scattered coarser-grained layers.....	160 160	<u>SANDWICH 13. Alt. 50 ft.</u>	
Sand and gravel, fill.....	2 2	Silt, coarse to clayey, bluish-gray.....	153 313	Topsoil.....	1 1
Sand, coarse, hard, and gravel.	9 11	Till, bouldery, with silt matrix; bottom 6 ft. iron stained.....	122 435	Sand.....	40 41
Sand, hard, compact, fine gravel.....	14 25	Bedrock, phyllitic schist, micaceous.....	565 1000	Clay, yellowish-brown, medium, Marl.....	25 66
Sand, hard, compact, and gravel	12 37	<u>MASHPEE 13. Alt. 75 ft.</u>		Sand and gravel.....	8 74
<u>FALMOUTH 170. Alt. 79 ft.</u>		Sand, mainly medium, some coarse, well sorted, quartz, mainly slightly to moderately rounded; a little fine gravel.....	20 20		21 95
Sand, loamy, trace of gravel, loose, brown, dry.....	1.5 1.5	Gravel.....	1 21	<u>SANDWICH 23. Alt. 80 ft.</u>	
Sand, medium, some gravel and boulders, firm, yellow, dry..	7.5 9	Sand, mainly medium and coarse quartz, well sorted, moderately rounded to well rounded, brown.....	6 27	Sand and gravel.....	50 50
Sand, medium, trace of gravel, firm, yellow, dry.....	14 23			Quicksand.....	120 170
Sand, fine some gravel and boulders, hard, yellow, dry..	6 29			Hardpan.....	13 183
Refusal.....	at 29			Gravel.....	below 183
<u>HARWICH 17. Alt. 50 ft.</u>					
Sand.....	20 20				
Hardpan.....	8 28				
Sand.....	48 76				
<u>HARWICH 25. Alt. 25 ft.</u>					
?.....	10 10				
Clay, yellow.....	6 16				
Clay, blue.....	9 25				
Hard driving.....	25 50				
<u>HARWICH 49. Alt. 35 ft.</u>					
Sand, very coarse.....	6 6				

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued
BARNSTABLE COUNTY--Continued

Thick- ness	Depth	Thick- ness	Depth	Thick- ness	Depth
SANDWICH 24. Alt. 125 ft.		TRURO 44. Alt. 110 ft.		WELLFLEET 33. Alt. 48 ft.	
Loam.....	5 5	Topsoil.....	3 3	Sand, medium, some gravel....	8 8
Sand and clay.....	10 15	Gravel, sandy.....	12 15	Sand, fine.....	10 18
Sand.....	25 40	Sand, coarse.....	10 25	Sand, fine, and gravel.....	14 32
Hardpan.....	9 49	Sand, fine.....	5 30	Sand, fine, hard.....	8 40
Quicksand.....	8 57	Gravel, sandy.....	5 35		
Sand, white.....	8 65	Gravel, coarse.....	15 50	WELLFLEET 49. Alt. 37 ft.	
		Sand, fine.....	25 75	Sand, medium, some fine.....	30 30
SANDWICH 25. Alt. 15 ft.		Gravel, coarse.....	10 85	Sand, medium, some coarse....	25 55
Sand, yellow.....	20 20	Sand, fine.....	15 100		
Gravel.....	2 22	Sand, very fine; some clay....	15 115	YARMOUTH 11. Alt. 30 ft.	
Marl, yellow.....	4 26	Sand, very fine, clean.....	5 120		2 2
Sand.....	14 40	Silt, fine; and clay.....	18 138	Clay; and brown and gray sand.	14 16
Marl, very hard.....	6 46	sand, fine; waterbearing.....	12 150	Clay; and gray sand.....	23 39
Sand and gravel.....	14 60	Silt, fine; and clay.....	20 170	Clay, hard.....	1 40
				Hardpan, gray.....	10 50
SANDWICH 109. Alt. 5 ft.		TRURO 62. Alt. 14.0 ft.		Clay, gray; and sand.....	20 70
Mud.....	6 6	Sand and gravel fill.....	1 1	Stopped on rock or boulder.	
Hardpan.....	2 8	Firm, fine sand and gravel....	7.5 8.5		
Sand.....	12 20	Hard medium sand, little clay..	5.5 14	YARMOUTH 13. Alt. 20 ft.	
Hardpan.....	14 34	Hard coarse sand and gravel...	14.5 28.5	Sand, brown, coarse and fine..	17 17
Sand and gravel.....	15 49	Hard medium sand, little fine		Gravel.....	3 20
		gravel.....	12 40.5	Hardpan, brown.....	0.5 20.5
SANDWICH 219. Alt. 159.1 ft.				Hardpan, gray.....	3.5 24
Firm coarse sand and gravel....	10.5 10.5	TRURO 73. Alt. 120 ft.		Sand, gray, and clay.....	41 65
Hard coarse sand, gravel and		Sand.....	108 108		
boulders.....	8.5 19	Clay.....	29 137	YARMOUTH 35. Alt. 15 ft.	
Hard coarse sand, fine gravel..	12 31	Sand, coarse.....	10 147	Sand, fine, white.....	15 15
		Clay.....	8 155	Sand, coarse.....	0.5 15.5
SANDWICH 230. Alt. 119.5 ft.				Sand, fine, white.....	4.5 20
Sand, coarse, hard, and gravel.	6 6	TRURO 89. Alt. 20 ft.		Sand, coarse.....	1 21
Sand, coarse, firm, and gravel.	13 19	Fill.....	1 1	Sand, fine, white.....	11.5 32.5
Sand, coarse, hard, little		Sand and gravel, reddish,		Sand, coarse.....	2 34
gravel.....	8.5 27.5	well sorted, medium.....	6 7		
Sand, coarse, hard, very little		Sand, medium, well sorted,		YARMOUTH 37. Alt. 5.8 ft.	
fine gravel.....	5.5 33	brown, damp.....	5 12	Sand, fine, compact.....	35 35
		Sand, coarse, tan, well		Sand, medium, compact, red....	5.8 40.8
SANDWICH 241. Alt. 183.2 ft.		sorted, wet.....	6 18		
Sand, loamy.....	4.5 4.5	Sand, coarse, brown, well		YARMOUTH 44. Alt. 71.4 ft.	
Sand, coarse, firm.....	10.5 15	sorted.....	5 23	Sand, fine, and clay.....	3.7 3.7
Sand, coarse, hard, and gravel.	11 26			Sand, fine, compact, and clay..	9.8 13.5
Sand, coarse, compact, hard,		WELLFLEET 3. Alt. 18.4 ft.		Sand, fine, compact, clay, and	
fine gravel.....	7 33	Sand, coarse.....	25 25	some gravel.....	8.2 21.7
		Sand, fine.....	15.5 40.5	Sand, fine.....	6.3 28
SANDWICH 252. Alt. 45 ft.		Sand, coarse.....	9.5 50	Sand, fine, compact, some	
Sand, medium to coarse.....	50 50			gravel, trace of clay.....	9.2 37.2
Sand, medium to coarse, some		WELLFLEET 23. Alt. 2.0 ft.			
coarse gravel.....	7 57	Sand, probable fill.....	7 7	YARMOUTH 56. Alt. 51.4 ft.	
		Sand, loose, with gravel.....	11 18	Sand, fine, loose.....	7 7
SANDWICH 253. Alt. 115 ft.		Sand, compact, and gravel....	18.1 36.1	Sand, fine, gravel, and clay..	3.2 10.2
Sand, medium to coarse, and				Sand, fine, compact, little	
some fine gravel.....	70 70			clay.....	8.8 19
				Sand, very compact, gravel,	
				and some clay.....	11 30
				YARMOUTH 74. Alt. 26.0 ft.	
				Sand, loose, with organic	
				material.....	6.6 6.6
				Sand, fine.....	4.7 10.7
				Sand, fine, with little clay..	5.3 16
				Sand, fine, compact, some clay	6.6 22.6
				Sand, very fine, compact, some	
				clay, and little gravel....	8.4 31

BRISTOL COUNTY

ACUSHNET 3. Alt. 5 ft.			ACUSHNET 15.--Continued			ACUSHNET 15.--Continued	
Sand.....	55	55	same as above but less fine			Sample:-Recovery 14".	
Hardpan.....	15	70	sand and more silt.....	30-31.5		Same as above, very loose	
Gravel, coarse.....	10	80	Sample:-Recovery 10".			silt with very fine sand,	
ACUSHNET 15. Alt. about 40 ft.			Upper 2"-Very fine sand and			gray.....	50-51.5
Sample:-Recovery 16".			silt, gray, same as above.			Sample:-Recovery 16".	
Sand, fine to very fine, and			Lower 8"-Sand, brown, very			Same as above, silt with	
silt. Predominantly very			fine to coarse,			some fine sand, gray, a	
fine sand and very well			predominantly medium			little more compact.....	55-56.5
sorted, color is brown.			grains, well rounded,			Same as above, silt with some	
Sample wet and compact,			sample well sorted.			very fine sand, gray.....	60-61.5
grains too fine to			Horizontal bands of iron			Sample:-Recovery 8".	
determine degree of			staining are present,			Upper 4"-Same as above,	
roundness. A cross-section			averaging 1/8"-1/4" in			silt with some fine sand.	
through the sample shows			thickness and spaced about			Lower 4"-Same gray silt as	
faint banding. The bands			1/2" apart. There is a			above but mixed in with	
range from 1/8" thick to			gradual transition between			the silt is sand and	
1/2" thick and are			the very fine sand and			gravel. The sand ranges	
characterized by differences			silt of the upper 2" and			from very fine to very	
in color (shades of brown)			the medium sand of the			coarse and poorly sorted.	
and changes in grain size,			lower 8". Samples fairly			The grains range in shape	
either fine or very fine....	5-6.5		compact. Driller estimates			from subrounded to	
Same as above.....	10-11.5		this layer extends 2' down	35-36.5		predominantly angular.	
Sample:-Recovery 12".			Sample:-Recovery 16".			Gravel is also present	
Same as above.....	15-16.5		Silt, and fine sand, gray,			from very fine to medium,	
Sample:-Recovery 12".			very loose. High water			is angular and has a	
Same as above.....	20-21.5		content, very well sorted.	40-41.5		distinctive reddish brown	
Sample:-Recovery 10".			Sample:-Recovery 16".			color. Many decaying	
Same as above.....	25-26.5		Silt and very fine sand,			pieces of shale of fine	
Very fine sand and silt, brown,			gray, very wet, same as	45-46.5		gravel size also present	
			above.....			which crumble easily	

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued

BRISTOL COUNTY--Continued

Thick- ness Depth			Thick- ness Depth			Thick- ness Depth					
ACUSHNET 15.--Continued			FREETOWN 10.--Continued			FREETOWN 11.--Continued					
Sample:-Recovery 8".--Continued			Sample:-Recovery 8".			Bobbled sample:--Continued					
Lower 4".--Continued			Sand, gray-brown, top 5"			like till. Silt mixed with					
between the fingers.			poorly sorted, medium and			the sand and gravel.					
Driller says he encountered			coarse sand with mud			Material compact.....		45-46.5			
this layer at 65.6'. Looks			matrix of finer particles;			Bobbled sample:					
like till.....		65-66.5:	occasional pebbles.			Same as above but with many					
Cored 5' recovered 4.6' Dedham			Lower 3", moderately			fine to medium gravel-					
granodiorite.....		70-75:	sorted coarse sand and			sized particles of shale,					
			pebbles, iron stained; all			which crumble easily					
			sand well rounded.....		15-15.5:	between the fingers.					
ATTLEBORO 5. Alt. 45 ft.			Sample (bob open end):			Material compact.....		50-51.5			
Sand and gravel.....	25		25	Sand, coarse and very coarse,			Refusal-bedrock.....				
Boulders and gravel.....	10	35	about 60% coarse and								
Hardpan.....	5	40	40% very coarse, well								
Bedrock.....	392	432	sorted, well rounded,								
			dominant quartz with								
ATTLEBORO 45. Alt. 125 ft.			feldspar. Color light								
Topsoil.....	2.5	2.5	gray-brown.....			20-20.5:					
Sand and clay.....	15	17.5	Sample:-bob								
Sand.....	5	22.5	Top-thin layer fine sand								
Clay.....	5	27.5	over coarse and very								
Gravel.....	7	34.5	coarse sand, well sorted,								
			well rounded.								
ATTLEBORO 51. Alt. 125 ft.			Bottom-till, light tan,								
Peat.....	5	5	clayey with sharp angular			25-26.5:					
Sand and gravel.....	29.9	34.9	quartz fragments.....								
ATTLEBORO 71. Alt. 135 ft.			FREETOWN 11. Alt. about 90 ft.								
Sand, loam, and gravel fill....	15	15	Sample:-Recovery 10".				Sample:-Recovery 14".				
Sand, coarse, loose, and little	7	22	Sand and gravel, brown,				Lower 4"-Sand, brown, fine,				
gravel.....			poorly sorted. Sand is				well sorted, sharp contact				
Sand, fine, gray, and little	39.5	61.5	fine to very coarse, the				with upper sand, loose				
clay.....			fine to medium sand				rounded.				
Sand, medium, gray, gravel, and	5.5	67	appears to be rounded to				Top 10"-Sand, brown, grades				
little clay.....			subrounded and the coarse				gradually from medium sand				
			to very coarse sand				at the top to coarse sand				
			grains appear to be				at bottom with 1/2" layer of				
			angular to subangular.				pebbles at contact with				
BERKLEY 10. Alt. 20 ft.			Gravel is very fine to				the fine sand described				
Soil.....	4	4	medium and appears to be				above, well sorted, loose,				
Hardpan.....	6	10	angular. Silt is mixed				rounded.....				
Sand.....	2	12	with above. Looks like				Sample:-Recovery 18".				
Hardpan.....	6	18	till.....				Sand: Brown, medium, well				
Sand.....	2	20	Sample:-Recovery 10".				sorted, no structure,				
			Sand, gravel, and silt, same				loose, well rounded, ovoid,				
DARTMOUTH 1. Alt. 130 ft.			as above, poorly sorted,			frosted, major quartz.....					
Hardpan.....	2	2	loose and wet. Several of			Sample:-Recovery 8".					
Granite.....	348	350	the large gravel sized			Same as above.....					
			pieces appear to be shaly.			Sample:-Recovery 6".					
DARTMOUTH 12. Alt. 65 ft.			Sample:-Recovery 2".			Sand, gray-brown, very fine,					
Unconsolidated deposits.....	28	28	Sand and gravel, same as			well sorted, moderately					
Hardrock (granite).....	50	78	above.....			compact.....					
Soft rock (slate).....	50	128	Sample:-Recovery 8".			Sample:-Recovery 18".					
			Same as above. Color is			Top 5"-Silt: brownish-gray.					
DIGHTON 109. Alt. 25 ft.			brown; sand, gravel and			Middle 9.5"-Sand: Brown,					
Fill.....	14	14	silt mixed. Sand ranges			medium with some coarse					
Sand, gray, fine.....	2	16	from a very fine to coarse.			and some fine grains, well					
Clay.....	1	17	Medium to very fine sand			sorted, (2" from top 2 1/2"					
Sand, coarse.....	2	19	appears to be rounded to			layer of silt appears, 1 1/2"					
Clay; and fine sand.....	12	31	subangular. Coarse sand is			from top a 2 1/2" layer of					
Bedrock.....		at 31	angular.....			very heavily iron-stained					
			Same as above.....			medium sand, 5 1/2" from the					
DIGHTON 127. Alt. 45 ft.			Same as above.....			top a 2-1/8" layer of silt					
Soil.....	3	3	Bobbled sample:			appears), loose, well					
Sand, hard; and gravel.....	7	10	Upper 4"-Same as above.			rounded grains approaching					
Sand and gravel.....	6	16	Lower 6"-Fine to very fine			ovoid shape, frosted.					
Sand, medium.....	13	29	sand and silt, very			Lower 3 1/2"-Silt: brownish-					
Sand, packed; and gravel.....	6	35	compact, brownish, well			gray.....					
			sorted. No structure			Sample:-Recovery 8".					
FAIRHAVEN 46. Alt. 5 ft.			evident. Since sample was			Sand: brownish-gray, medium-					
Sand, fine.....	50	50	bobbled, cannot tell if			grained, grades gradually					
Bedrock (schist and gneiss)....	30	80	this grades into above			down into fine at bottom of					
			till-like material.			sample, well sorted, loose,					
FREETOWN 10. Alt. about 90 ft.			Driller estimates the			rounded, frosted, also					
Sample:-Recovery 8".			layer of fine sand is			contains minor very fine					
Sand, dark brown, medium with			about 1' thick.....			sand and very minor amount					
minor coarse, well sorted,			Bobbled sample:			of silt.....					
predominantly quartz sand,			Sand, gravel and silt, color			Sample:-Recovery 4".					
some iron staining, rest			brown, predominantly sand			Sand: Brown, fine with					
clear; small, well rounded			is very fine to very			minor very fine, well					
grains of Rhode Island			coarse. Fine to medium			sorted, rounded, loose,					
formation present. All			grains appear rounded			frosted.....					
grains well rounded,			while coarse and very			No sample obtained on first					
scattered very coarse			coarse grains are more			attempt.....					
grains and large pebbles		5-5.5:	subangular to angular.			Sample obtained by "bobbing".					
of gravel.....			Gravel is very fine to			Recovery 16" of disturbed sample.					
Sample:-Recovery 12".			medium and subangular to			Sand: Yellowish-brown,					
Sand, grayish-brown, well			angular in shape. Gravel,			mixture of coarse to very					
sorted, well rounded,			sand, and silt well mixed.			coarse with minor medium,					
coarse top 3", medium			Sample firm and dry.....			well sorted, loose; coarse:					
middle 3", coarse bottom			Bobbled sample:			well rounded; very coarse:					
6", top layer same as lower			An intimate mixture of sand,			rounded, frosted, slight					
coarse layer except for			all sizes, gravel, fine to			iron staining in scattered					
more very fine gravel			medium and silt. Color is			grains. (Note: some very					
scattered among coarse sand.			brown. The medium sand			coarse sand was washed at					
Quartz dominant mineral,			tends to be round to			the depth of 54-55.).....					
clear on top, some iron-			subrounded and the coarse			Sample:-Recovery 6".					
stained grains in coarse			sand is more angular. Looks			Sand: Grayish-brown, coarse					
sections, scattered grains			20-20.5:				to medium with minor very				
of very coarse sand and fine											
gravel throughout.....											

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued

BRISTOL COUNTY--Continued

Thick- ness	Depth	Thick- ness	Depth	Thick- ness	Depth
FREETOWN 22.--Continued		FREETOWN 22.--Continued		RAYNHAM 40.--Continued	
Sample:-Recovery 6".--Continued		Sample:-Recovery 18".--Continued		Clay, blue, medium; little	
coarse, well sorted, loose,		Lower 8"-Sand: brownish-		fine sand.....	7 33.1
rounded to subangular,		gray, ranges from very		Sand, coarse, hard; and	
frosted; occasional quartz		coarse to very fine with		gravel; little clay.....	13.5 46.6
grains show iron staining....	55-56.1	high percent of silt in		Sand, cemented, hard; little	
Sample:-Recovery 18".		lower 3", very fine sand		fine gravel; hardpan.....	3.5 50.1
Sand: grayish-brown, medium,		seems to be major		Refusal.....	at 50.1
well sorted loose, rounded,		constituent, moderate			
frosted; contains pebbles up		sorting, compact.....	100-101.5	REHOBOTH 179. Alt. 7 ft.	
to 1/4" in diameter dispersed		Sample:-Recovery 18".		Loam, sand, and gravel.....	3 3
thru sample.....	60-61.5	Till.....	105-106.5	Moist medium gray clay, some	
Sample:-Recovery 18".		Sample:-Recovery 9".		silt and very fine gray sand	3 6
Top 5"-Sand: grayish-brown,		Till.....	108-109	Moist medium yellow gray clay,	
medium to fine, well sorted,		Refusal.....	110.08	some silt and very fine gray	
good contact with below		Drill--Recovery 12".	110.08-	sand; trace of peat.....	6 12
described coarse sand, loose		Dedham grandiorite.....	111.58	Moist medium gray sand, some	
rounded, frosted.		Drill--Recovery 4".	111.58-	fine gravel; trace of silt	
Lower 13"-Sand: brown, coarse		Dedham grandiorite.....	115.1	and clay.....	5 17
to medium with minor very				Moist fine to medium gray	
coarse grains, well sorted,		NEW BEDFORD 63. Alt. 0.0 ft.		sand, fine to coarse gray	
loose, rounded, frosted;		River bed.....	22.3 22.3	gravel and silt.....	8 25
occasional quartz grains		Sand, coarse, and shells....	3.6 25.9	Refusal.....	at 25
iron stained. (Note:		Sand, very fine.....	10.7 36.6		
Contains pebbles up to 3/4"		Clay.....	2 38.6	REHOBOTH 199. Alt. 24.2 ft.	
diameter dispersed		Refusal.....	at 38.6	Soft loam.....	3 3
throughout lower 13".				Moist medium to coarse yellow	
Appears to be delta deposit.)		NEW BEDFORD 68. Alt. 4.6 ft.		sand.....	6 9
Sample:-Recovery 10".	65-66.5	Hard sand, gravel and rip-rap		Wet medium to fine yellow	
Sand: brown, mixture from		fill.....	10.5 10.5	sand, fine to coarse gravel,	
fine to very coarse grains,		Soft sand and shells.....	6.5 17	boulders.....	4.5 13.5
compact, well rounded,		Firm, fine sand and clay....	6 23	Wet compact fine to very fine	
frosted. (Note: Contains		Hard, coarse sand and gravel,		yellow sand, trace fine to	
pebbles up to 3/4" diameter		little clay.....	2.5 25.5	coarse gravel, silt, and	
spaced at random throughout		Refusal.....	at 25.5	clay.....	5.5 19
sample.).....	70-71.5	NEW BEDFORD 95. Alt. 5 ft.		Wet fine to medium gray sand,	
Sample:-Recovery 18".		Fill.....	16.5 16.5	some fine to coarse, gray,	
Top 8"-Sand: brown, gradual		Mud.....	3.5 20	trace of silt, clay, and	
gradation from medium to		Sand and gravel.....	14.9 34.9	boulders.....	7.5 26.5
very coarse, including some		Gravel and little clay.....	4.1 39	Wet compact fine to medium	
very fine to medium gravel,		Bedrock.....	5 44	gray sand, trace of coarse	
moderately sorted, loose,				gravel, clay, and boulders..	7.5 34
frosted, the coarse grains				Wet compact fine to medium	
and smaller are rounded,				gray sand, some fine	
larger grains are angular				gravel, trace of clay,	
and the larger gravel is				boulders.....	7 41
rounded.				Moist compact medium to fine	
Lower 10"-heterogeneous				gray sand and fine gravel,	
mixture ranging from very				trace of clay.....	11 52
coarse gravel to silt,				Gray sand and gravel.....	2 54
dirty grayish-brown, poorly				Bedrock.....	5 59
sorted, no structure,					
subangular to rounded,					
frosted, some quartz grains					
are iron stained.....	75-76.5				
No sample obtained on first try	80-81.5				
Disturbed sample obtained by					
"bobbing".					
Sand: Very coarse to coarse					
with some medium-sized					
grains, yellowish-brown,					
well sorted, loose, well					
rounded, some grains ovoid					
in shape, grains appear					
more clear than frosted....	80-81.5				
No sample obtained on first try	85-86.5				
Disturbed sample obtained by					
"bobbing".					
Sand: Same as above except					
that grains appear more					
frosted. (Note: there is					
a possibility of a layer					
of silt existing between					
80 and 86.5 feet.).....	85-86.5				
Sample:-Recovery 18".					
Sand, dark brown, grades from					
coarse at top of sample to					
fine and very fine at					
bottom 3 inches, well					
sorted throughout, loose,					
rounded to subangular,					
frosted; bottom 3 inches					
very heavy limonite stained					
Sample:-Recovery 18".	90-91.5				
Mixture of sand and gravel					
very heavily iron stained,					
subangular to rounded; also					
contains silt.....	95-96.5				
Sample:-Recovery 18".					
Top 10"-Fine gravel and very					
coarse to medium sand,					
poorly sorted, brown, loose					
grains vary from well					
rounded to subangular,					
frosted, 4" from top of					
sample 1/2" layer of highly					
iron-stained grains appear.					

Table 3.--Logs of selected wells, test wells, and test bores in southeastern Massachusetts--Continued

BRISTOL COUNTY--Continued

Thick- ness	Depth		Thick- ness	Depth		Thick- ness	Depth
SWANSEA 6. Alt. 23 ft.			TAUNTON 15. Alt. 10 ft.			TAUNTON 172. Alt. 38 ft.	
Fill.....	4 4		Clay, gray, medium, sandy,	10 10		Loamy, sand.....	2.5 2.5
Mud.....	2.5 6.5		soft.....			Sand, gravel, and little clay.	2 4.5
Sand, gray, fine.....	0.5 7		Clay, gray, medium, silty,	50 60		Sand, medium, and clay.....	5.5 10
Sand and gravel.....	26 33		plastic.....			Sand, firm, fine.....	11 21
Sand, fine.....	3 36		Gravel, fine to medium;	10 70		Sand, fine, little clay.....	17 38
			little coarse sand.....			Sand, firm, coarse.....	7 45
SWANSEA 149. Alt. 40 ft.			Slate, gray, sandy,	20 90		Sand, hard, and gravel, little	
Loam.....	3 3		fragmental.....			clay.....	3 48
Gravel.....	18 21		Slate, gray, fine.....	30 120		Sand, hard, and gravel, fine..	5.5 53.5
Bedrock.....	16 37		Slate, gray, sandy.....	20 140		Refusal.....	at 53.5
			Slate, gray, fine.....	30 170			
TAUNTON 1. Alt. 74 ft.			Slate, gray, sandy; numerous			TAUNTON 174. Alt. 39.2 ft.	
Fill.....	5.7 5.7		quartz veins.....	40 210		Sand, and gravel; fill.....	6.5 6.5
Clay; fine sand; and gravel...	12 17.7		Slate, gray, fine.....	10 220		Sand, hard, coarse, and	
Sand, medium.....	4 21.7		Slate, gray, sandy.....	50 270		gravel, fine.....	3.5 10
Sand, coarse.....	5 26.7		Slate, gray, fine.....	20 290		Sand, firm, fine, gray.....	18.5 28.5
Gravel, fine.....	6 32.7		Slate, gray, sandy.....	10 300		Sand, firm, fine, blue, and	
Gravel, fine; mixed with sand..	5 37.7		Slate, gray, fine.....	10 310		gravel, coarse.....	6.5 35
Gravel, fine; and slightly			Slate, gray, sandy.....	30 340		Sand, hard, blue, gravel and	
finer sand.....	6 43.7		Slate, gray, fine.....	30 370		little clay.....	9 44
Hard formation; boulder or			Slate, gray, sandy; pyrite			Refusal.....	at 44
bedrock.....	at 43.7		inclusions.....	10 380			
			Slate, gray, fine.....	10 390		TAUNTON 186. Alt. 19.3 ft.	
TAUNTON 2. Alt. 75.5 ft.			Slate, gray, sandy.....	10 400		Sand, gravel, and clay; fill..	3.6 3.6
Fill.....	6.5 6.5		Slate, gray, fine.....	60 460		Fine, yellow sand and clay...	5 8.6
Sand and gravel.....	17 23.5		Slate, gray, sandy.....	10 470		Very fine gray sand, little	
Sand, fine.....	7 30.5		Slate, gray, fine.....	34 504		clay.....	32.6 41
Sand, medium to coarse.....	11 41.5					Sand, gravel, clay and	
Sand, coarse; some gravel.....	35.9 77.4		TAUNTON 24. Alt. 10 ft.	6 6		boulders.....	5 46
			Fill.....	9 15		Hard coarse sand, gravel, clay	
TAUNTON 3. Alt. 72 ft.			Sand, fine.....	24 39		and boulders.....	9 55
Fill.....	4.2 4.2		Medium blue clay.....	7 46		TAUNTON 196. Alt. 55.5 ft.	
Sand, red; and gravel.....	22 26.2		Gravel and clay.....	2 48		Loam.....	0.2 0.2
Sand, brown; and gravel.....	5 31.2		Sand and gravel.....	3 51		Sharp fine sand.....	25.1 25.3
Sand, coarse; and gravel.....	11 47.2		Fine sand, little gravel....	3 54		Sand and gravel.....	4.7 30
Sand, gray, coarse.....	21 68.2		Quicksand, little gravel....	6 60		Hard sand and gravel, hardpan.	6 36
Sand, dark gray; and gravel...	5 73.2		Quicksand.....	1 61			
Clay; and fine sand.....			Sand and gravel.....	at 62		TAUNTON 289. Alt. 25 ft.	
			Bedrock.....			Sand, brown.....	22 22
TAUNTON 4. Alt. 73 ft.			TAUNTON 88. Alt. 5.5 ft.	3 3		Sand, brown; and gravel.....	3.6 25.6
Fill.....	9 9		Topsoil.....	6 9		TAUNTON 318. Alt. 12.7 ft.	
Muck, black.....	2 11		Sand, fine, and gravel.....	6 15		Mud.....	1 1
Sand, gray, coarse; and fine			Clay and sand, very fine....	20 35		Sand, fine.....	10.5 11.5
gravel; few small boulders...	17 28		Sand, medium, and gravel.....			Compact clay, sand, and gravel	12.8 24.3
Sand, gray, coarse; and fine						Bedrock.....	at 24.3
gravel; few small boulders	13 41		TAUNTON 106. Alt. 38.6 ft.				
and small amount of clay....			Sand, soft, loamy, and mud			TAUNTON 329. Alt. 30.7 ft.	
Sand, brown, coarse; and fine			fill.....	5.5 5.5		Muddy sand and gravel.....	3.5 3.5
gravel.....	25 66		Sand, dirty, coarse, firm,			Compact sand and gravel with	
Hardpan, gray.....	1.5 67.5		and gravel.....	6 11.5		some clay.....	6.2 9.7
			Sand, blue, fine, soft, and	18 29		Fine sand with some clay....	4.0 13.7
TAUNTON 5. Alt. 58 ft.			clay.....	1.5 31		Sand, gravel, and clay.....	4.8 18.5
Gravel.....	10 10		Sand, blue, firm, coarse, and	at 31		Compact sand, gravel, and clay	2 20.5
Sand and clay.....	11 21		gravel.....			Bedrock.....	at 20.5
Clay.....	20 41		Refusal.....				
Clay and gravel.....	10 51		TAUNTON 114. Alt. 84.5 ft.			WESTPORT 24. Alt. 12.8 ft.	
Sand.....	3 54		Sand, gravel, and cinder fill.	8 8		Sand, yellow, fine.....	20 20
Clay, blue, very hard.....	31 85		Sand, fine.....	14.8 22.8		Sand, gray, fine.....	27 47
Sandstone.....	95 180		Sand, sharp.....	15.7 38.5		Sand, gray, fine, silty, and	
Slate, black.....	20 200		Sand, hard, coarse, gravel,			clay.....	11 58
Slate, blue.....	85 285		and little clay.....	5.5 44		Sand, gray, coarse, and clay..	11 69
Sandstone.....	20 305		Refusal.....	at 44		Sand, brown, fine; gravel and	
Conglomerate, quartzose.....	12 317		TAUNTON 121. Alt. 61 ft.			clay.....	23 92
Sandstone.....	30 347		Peat, soft.....	3.5 3.5		Refusal.....	at 92
Slate, blue.....	81 428		Sand and gravel.....	2 5.5			
Sandstone.....	22 450		Sand, loose, sharp.....	4.5 10		WESTPORT 26. Alt. 13 ft.	
Slate, blue.....	80 530		Sand, blue, fine.....	12.5 22.5		Fine yellow sand.....	7 7
Slate, coaly; blue slate; and			Sand, fine; and clay.....	33.5 56		Fine gray silty sand.....	23 30
sandstone.....	15 545		Sand, fine, firm; little clay.	19 75		Fine gray sand.....	10 40
Conglomerate, quartzose.....	13 558		Sand, blue, firm; little clay.	13 88		Fine gray silty sand.....	27 67
Slate, black.....	97 655		Sand, firm; and gravel.....	7 95		Gray clay and silt.....	14 81
Slate, coaly; and sandstone...	15 670		Sand, hard; and gravel;			Tight brown sand, gravel, and	
Sandstone.....	5 675		little clay.....	3.5 98.5		silt.....	5 86
Slate, black.....	13 688		Refusal.....	at 98.5		Refusal.....	at 86
Sandstone.....	7 695						
Slate, blue.....	90 785					WESTPORT 28. Alt. 12 ft.	
Slate, black.....	10 795					Fine yellow sand.....	4 4
Slate, blue.....	5 800					Fine brown sand.....	10 14
Slate, black.....	5 805					Fine yellow gray sand.....	5 19
Slate, blue.....	10 815					Fine gray sand and silt.....	23 42
Slate, black.....	15 830					Fine gray sand.....	13 55
Slate, blue.....	33 863						
Sandstone.....	47 910						
Slate, black.....	40 950						
Sandstone.....	25 975						

DUKES COUNTY

CHILMARK 15. Alt. 170 ft.			CHILMARK 16.--Continued			CHILMARK 16.--Continued	
Clay, china.....	83 83		Clay, red; sand; and stone...	12 38		Clay, white, sandy.....	12 179
Gravel, fine.....	41 124		Clay, white, sandy.....	13 51		Sand, fine; and grits, muddy..	64 243
			Clay, red.....	41 92		Clay, gray.....	8 251
CHILMARK 16. Alt. 145 ft.			Clay, white, sandy.....	25 117		Sand, gray, fine and medium;	
Topsoil.....	2 2		Clay, white, sandy, heavy....	7 124		and grits, muddy.....	7 258
Clay, red and white, sandy....	6 8		Clay, red.....	43 167		Clay, white, sandy.....	3 261
Clay, white, sandy.....	18 26						

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued
DUKES COUNTY--Continued

			Thick- ness	Depth		Thick- ness	Depth		Thick- ness	Depth
CHILMARK 22. Alt. 95 ft.						CHILMARK 27. Alt. 90 ft.				
Loam, black.....	1	1				1	1		GAY HEAD 3. Alt. 125 ft.	
Hardpan; boulders; and large stones.....	5	6				4	5		Topsoil.....	2 2
Sand, coarse; heavy gravel; and boulders.....	28	34				26	31		Sand, brown, medium to coarse.	3 5
Sand, coarse; and gravel.....	51	85							Sand, yellow, medium to coarse; and boulders.....	6 11
Sand, gray, fine; some gray clay.....	11	96				20	51		Sand, yellow, fine to medium; and gray clay.....	12 23
Sand, gray, fine.....	20	116				8	59		Clay, gray.....	81 104
Sand, gray, fine and medium; grits; and gravel.....	4	120				9	68		Sand, medium to coarse; and white clay.....	25 129
						11	79		Clay, red.....	39 168
						6	85		Sand, brown, coarse; and gravel.....	5 173
									Sand, brown, fine, hard packed	2 175
CHILMARK 23. Alt. 45 ft.						CHILMARK 28. Alt. 130 ft.				
Topsoil.....	1	1				1	1		GAY HEAD 4. Alt. 20 ft.	
Clay, light brown.....	26	27				3	4		Topsoil.....	2 2
Clay, gray, hard, heavy.....	12	39				14	18		Sand, brown, medium.....	3 5
Sand, brown, medium coarse; and heavy gravel (rusty color).....	14	53				7	25		Sand, brown, medium; and boulders.....	14 19
Sand, brown, fine to medium, light in color.....	4	57				17	42		Sand, brown, medium; and heavy gravel.....	11 30
						31	73		Clay, gray, fine, sandy, hard packed; and stones....	25 55
CHILMARK 24. Alt. 40 ft.						41	114		Sand, brown, medium fine; and grits; some gravel.....	12 67
Boulders.....	5	5				7	121			
Sand, coarse; and yellow gravel	3	8							TISBURY 1. Alt. 115 ft.	
Clay, fine, sandy, hard packed; and boulders.....	21	29							Loam, hard packed; sand; large gravel; and nigger heads....	6 6
Clay, yellow, sandy; and heavy gravel.....	29	58							Sand, brown, coarse; large gravel; and nigger heads....	98 104
Sand, gray, medium to coarse; grits; and gravel.....	9	67				5	5		Sand, brown, coarse; fine grits; some gravel.....	76 180
						10	15		Sand, brown, medium to coarse; fine grits; some gravel.....	37 217
CHILMARK 25. Alt. 100 ft.						5	20		Sand, brown, coarse; grits; and gravel.....	5 222
Sand, medium to coarse; and heavy gravel.....	3	3				5	25		Sand, brown, medium to coarse; grits; and gravel.....	7 229
Sand, medium to coarse; gravel; and boulders.....	16	19				5	30		Sand, brown, fine to medium...	18 247
Sand, brown, medium (tight formation).....	9	28				20	50		Sand, brown, fine to medium, layered.....	15 262
Clay, gray, sandy.....	7	35				5	55			
Sand, brown, fine to medium (tight formation).....	8	43				5	60		TISBURY 2. Alt. 115.7 ft.	
Sand, brown, fine.....	11	54				5	65		Loam and boulders.....	5 5
Sand, brown, medium to coarse..	8	62				5	65		Sand, brown, coarse; and boulders.....	65 70
?.....	0.5	62.5				below	65		Sand, brown, coarse; and gravel.....	3 73
									Sand, brown, coarse; and boulders.....	10 83
CHILMARK 26. Alt. 180 ft.						2	2		Sand, medium to coarse; grits; gravel; and large stones....	26 109
Topsoil.....	1	1				5	7		Sand, brown, medium to coarse; and boulders.....	30 139
Sand, brown, coarse; and large stones.....	35	36				4	11		Sand, brown, medium to coarse; grits; and gravel.....	10 149
Sand, brown, coarse; and heavy gravel.....	44	80				49	60		Sand, brown, medium to coarse; grits; gravel; and stones...	31 180
Sand, brown, medium; and large stones (muddy formation)....	30	110							Sand, brown, fine to medium; some clay.....	10 190
									Sand, brown, fine to medium...	10 200
									Sand, brown, medium to coarse; and gravel.....	20 220
									Sand; gravel; and heavy boulders.....	1 221
						</				

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued

NANTUCKET COUNTY--Continued			NANTUCKET COUNTY--Continued			NANTUCKET COUNTY--Continued		
Thick- ness	Depth		Thick- ness	Depth		Thick- ness	Depth	
NANTUCKET 25. Alt. 15 ft.			NANTUCKET 25.--Continued			NANTUCKET 25.--Continued		
Particles are mostly clear to gray quartz unless otherwise indicated.			Sand, medium, well sorted, angular; some mica flakes and dark grains.....	1 18		Sand, medium to very coarse; and fine gravel.....	2 36	
.....	15 15		Sand, medium to very coarse, mostly angular.....	1 19		Sand, medium to very coarse; and fine gravel; small broken iron cemented sands included.....	1 37	
Sand, medium to very coarse; and fine gravel; many different accessory minerals.	1 16		Sand, medium to very coarse; and fine gravel; some dark grains.....	9 28		Sand, medium to medium gravel.	4 41	
Sand, fine to coarse; about 20% dark grains; a few small granitic pebbles.....	1 17		Sand, fine to very coarse.....	1 29		Sand, medium, clear to yellowish quartz, and dark minerals.....	1 42	
			Sand, medium to very coarse; and fine gravel, angular; some grains of feldspar and dark minerals.....	5 34		Sand, medium to very coarse; and fine and medium gravel..	3 45	
			PLYMOUTH COUNTY					
BRIDGEWATER 14. Alt. 30 ft.			CARVER 37.--Continued			DUXBURY 6. Alt. about 40 ft.		
Clay and gravel.....	12 12		angular grains, well sorted, mainly quartz; grades with depth into sand, brown, medium to coarse, angular to rounded, well sorted.....	14 14		Topsoil.....	2 2	
Clay.....	18 30		Sand, brown, fine and medium, angular to rounded, well sorted, mainly quartz; grades with depth into sand, brown, mainly fine.....	14 28		Sand, brown; and gravel; some clay.....	26 28	
Sand, coarse; and gravel.....	8 38		Silt and clay, gray-green, well sorted.....	7 35		Hardpan.....	4 32	
Gravel and clay.....	6.5 44.5		Gravel, fine to medium, angular and sand, medium to very coarse.....	9 44		DUXBURY 7. Alt. about 50 ft.		
Bedrock.....	at 44.5		Refusal--Bedrock?.....	44		Topsoil.....	1.5 1.5	
BRIDGEWATER 15. Alt. 70 ft.			CARVER 38. Alt. 75 ft.			Hardpan.....	9.5 11	
Sand, brown.....	16.3 16.3		Sand, black, carbonaceous....	2 2		HANOVER 5. Alt. 55 ft.		
Clay, sandy.....	9.4 25.7		Sand, light brown, medium to coarse, well sorted.....	8 10		Sand, fine.....	15 15	
Sand, brown, fine.....	6.3 32		Sand, coarse to very coarse, well sorted and gravel, fine to coarse.....	17 27		Gravel, coarse.....	10 25	
Sand, brown, coarse; and gravel	4 36		Sand, fine to very coarse, poorly sorted and gravel, fine to coarse; probably sandy till.....	18 45		Sand.....	5 30	
Sand, medium; little gravel...	5 41		Refusal, probably bedrock....	at 45		Gravel, bard.....	20 50	
Sand, medium.....	8.3 49.3		DUXBURY 1. Alt. about 40 ft.			Sand.....	5 55	
Bedrock.....	at 49.3		Topsoil.....	1 1		Hardpan.....	6 61	
BRIDGEWATER 17. Alt. 70 ft.			Sand, brown; some gravel.....	26 27		Bedrock.....	5 66	
Sand and clay.....	17 17		Sand, brown; and gravel; traces of clay.....	7 34		HANOVER 6. Alt. 55 ft.		
Sand, fine and coarse.....	6 23		Sand, brown, fine to medium...	8 42		Fill, gravel.....	5 5	
Stone, broken; sand; and mud...	6 29		Sand, brown, fine; traces of clay.....	15 57		Gravel and clay; bardpan....	10 15	
Bedrock.....	at 29		Sand, gray, fine; and clay...	4.3 61.3		Gravel, coarse.....	40 55	
BRIDGEWATER 31. Alt. 12.9 ft.			Sand, gray, fine; and clay (washed out).....	20.7 82		Clay and bardpan.....	13 68	
Silt, some fine sand; trace of peat.....	9 9		DUXBURY 2. Alt. about 25 ft.			Bedrock.....	at 68	
Sand, medium to fine; some silt and gravel.....	3 12		Topsoil.....	2 2		HANOVER 7. Alt. 60 ft.		
Sand, medium to fine; some coarse gravel and silt; cemented.....	3.6 15.6		Sand, medium.....	22 24		Clay, bard; and gravel.....	10 10	
BRIDGEWATER 35. Alt. 22 ft.			Sand, fine; and clay.....	4 28		Gravel, coarse.....	55 65	
Loam and sand.....	5 5		Clay.....	2 30		Hardpan.....	2 67	
Medium clay.....	33 38		Sand, medium; and gravel....	6 36		Bedrock.....	at 67	
Sand, compact; gravel and clay.	1.8 39.8		Sand, brown, fine.....	2 38		HINGHAM 15. Alt. 30 ft.		
Refusal.....	at 39.8		Sand, gray, fine; some clay...	2 40		Peat; fine sand; and clay; changing to clay and coarse sand.....	9.4 9.4	
BRIDGEWATER 48. Alt. 5.9 ft.			DUXBURY 3. Alt. about 50 ft.			Bedrock.....	at 9.4	
Sand, fine; some inorganic silt, loose.....	8 8		Topsoil.....	3 3		HINGHAM 16. Alt. 25 ft.		
Silt, gray; some clay, loose...	4 12		Sand, brown, fine to medium...	50 53		Peat; fine, gray sand changing to fine, brown sand and clay.....	31 31	
Silt, gray; some clay, medium stiff.....	23 35		Sand, brown; some gravel....	5 58		Sand, fine; brown clay; and sharp, tight gravel.....	3.1 34.1	
BRIDGEWATER 61. Alt. 77.2 ft.			Sand, brown, medium; some gravel and trace of clay...	10 68		HINGHAM 18. Alt. 25 ft.		
Fill.....	2 2		Refusal.....	at 77		Peat; mixed clay and gravel; changing to clay and fine sand.....	15.9 15.9	
Loam, sand.....	3.5 5.5		DUXBURY 4. Alt. about 70 ft.			Sand, fine; and clay (quicksand?); occasional layers of gray clay; hard packed.....	51.6 67.5	
Firm fine yellow sand.....	8 13.5		Topsoil.....	4 4		Sand and gravel; trace of clay and a few stones in gravel; tight.....	6.8 74.3	
Hard coarse sand and gravel...	6.5 20		Sand, medium to coarse; and small gravel.....	31.5 35.5		HINGHAM 22. Alt. 30 ft.		
Firm coarse sand and gravel...	6 26		Sand, gravel, and clay.....	5.3 40.8		Sand, gray, fine; some gravel and sand.....	22 22	
Hard compact sand, little fine gravel.....	2.5 28.5		Clay, gravelly.....	9.2 50		HINGHAM 23. Alt. 25 ft.		
Refusal.....	at 28.5		Sand and clay.....	12 62		Sand, gray, fine; and sharp gravel; some clay.....	22 22	
CARVER 11. Alt. 65.9 ft.			Sand, medium; traces of clay..	5 67		No recovery.....	5 27	
Sand, loamy; boulders; and fill	7 7		Sand, fine to medium; and clay	24 91		Sand, sharp; and gravel; some clay.....	2.3 29.3	
Peat, soft.....	4.5 11.5		Refusal.....	at 91		HINGHAM 24. Alt. 25 ft.		
Sand, soft, dirty.....	2.5 14		DUXBURY 5. Alt. about 70 ft.			Sand, gray, fine; little gravel and some clay.....	20.3 20.3	
Sand, coarse, firm; and gravel.	4 18		Sand and gravel.....	30 30		Sand, gray, very fine; trace of clay.....	5 25.3	
Sand, coarse, hard; and gravel.	19 37		Sand, fine; and clay.....	35 65		Sand, gray, very fine; trace of sharp gravel and clay...	32.7 58	
Sand, coarse, hard; and coarse gravel.....	15 52		Sand, fine; and clay (washed out).....	16.8 81.8		Sand, some sharp gravel, trace of clay.....	7.4 65.4	
CARVER 34. Alt. 85 ft.						Bedrock.....	at 65.4	
Sand, orange, fine to coarse, poorly sorted.....	2 2							
Sand, gray, fine to coarse, poorly sorted.....	3 5							
Sand, orange to grayish-yellow, coarse, a little fine; contains cobbles below 37 ft.	52 57							
CARVER 36. Alt. 143 ft.								
Sand, medium to very coarse, well sorted, and gravel, fine, scattered.....	92 92							
CARVER 37. Alt. 95 ft.								
Sand, yellowish-brown, mainly fine and medium, mainly								

PLYMOUTH COUNTY--Continued

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Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued

			PLYMOUTH COUNTY--Continued					
	Thick- ness	Depth		Thick- ness	Depth		Thick- ness	Depth
MIDDLEBOROUGH 30. Alt. 90 ft.			PLYMOUTH 31. Alt. 120 ft.			PLYMOUTH 39. Alt. 86 ft.		
Sand, coarse; and gravel.....	31.3	31.3	Sand, medium to gravel, fine..	18	18	Sand, medium to coarse; and		
Sand, dirty; and gravel; some			Sand, medium to very coarse,			pebbles, small to medium;		
clay.....	5.4	36.7	well sorted.....	74	92	poorly sorted. Cobbles or		
Sand and gravel.....	5.5	44.2				boulders at 5'.....	5	5
Bedrock.....		at 44.2	PLYMOUTH 32. Alt. 180 ft.			Sand, medium to coarse; and		
MIDDLEBOROUGH 33. Alt. 85 ft.			Sand, mainly medium to coarse;			pebbles, small to medium,		
Topsoil.....	4.5	4.5	and gravel, fine to coarse..	10	10	poorly sorted.....	4	9
Sand, coarse; and gravel.....	10.5	15	Sand, medium to coarse, well			Sand, fine to coarse; and		
Sand, medium; and gravel.....	5	20	sorted; and gravel, fine,			pebbles, fine.....	16	25
Sand, red; and gravel.....	6	26	disappearing with depth....	82	92	Till, tan and gray, sandy,		
Sand, medium; and gravel.....	7	33				contains air bubbles.....	5	30
Clay, hardpan.....	5	38	PLYMOUTH 33. Alt. 105 ft.			Sand, medium to very coarse;		
Sand, coarse; and gravel.....	11	49	Sand, fine to medium; and			some fine; pebbles, fine,		
			gravel, fine, poorly sorted.	10	10	subangular, scattered;		
NORWELL 13. Alt. 80 ft.			Sand, mainly coarse; sand,			cobble or boulder at 40'....	20	50
Topsoil.....	2	2	medium; and gravel, fine to			Sand, fine to very coarse,		
Blue clay, some stones.....	30	32	medium; poorly sorted.....	15	25	mostly coarse, sharp; and		
Sand.....	4	36	Cobble or boulder.....	25	25	gravel, fine to medium,		
			Sand, medium to coarse; and			smooth, flattened, faceted,		
PLYMOUTH 5. Alt. 100 ft.			gravel, very fine.....	10	35	poorly sorted, scattered....	13	63
Clay, sand, and gravel.....	15	15	Sand, medium to coarse;			Sand, fine to very fine,		
Sand, coarse.....	10	25	gravel, very fine; and			micaceous.....	9	72
Sand, coarse; and gravel.....	20	45	cobbles or boulders.....	4	39			
Sand, coarse; and clay.....	20	65	Sand, medium to coarse; and			PLYMPTON 11. Alt. 74.5 ft.		
Bedrock.....		at 65	gravel, very fine.....	21	60	Loam and fill.....	7.5	7.5
			Sand, fine to coarse, mainly			Fill mixed with mud.....	3.4	10.9
PLYMOUTH 6. Alt. 50 ft.			medium, poorly sorted.....	17	77	Sand, compact; gravel; and		
Sand and gravel.....	10	10	PLYMOUTH 34. Alt. 95 ft.			clay.....	6.3	17.2
Sand, fine.....	10	20	Sand, medium; and gravel, fine			Bedrock.....		at 17.2
Sand and gravel.....	10	30	to medium; poorly sorted....	10	10	ROCHESTER 15. Alt. 70 ft.		
Gravel; and coarse sand.....	17	47	Sand, chiefly coarse; some			Hardpan.....	6	6
Bedrock.....		at 47	gravel, fine to medium;			Bedrock.....		at 6
			poorly sorted.....	22	32	ROCHESTER 17. Alt. 65 ft.		
PLYMOUTH 15. Alt. 90 ft.			Sand, chiefly medium; with			Mud and peat.....	7	7
Fill.....	3	3	pebbles, small to medium...	8	40	Sand, gray; and gravel.....	8.9	15.9
Topsoil.....	1.5	4.5	Sand, coarse, a little fine;			Hardpan.....	5.3	21.2
Sand, hard packed; and boulders	15.5	20	some gravel, fine to medium.	37	77	Sand and clay.....	5.2	26.4
Sand, gray, coarse.....	10	30				Sand and clay; little gravel..	22.1	48.5
Sand, brown.....	4.5	34.5	PLYMOUTH 37. Alt. 90 ft.			Hardpan.....	21.1	69.6
Clay, hard.....	1	35.5	Fill, sand, dark brown.....	3	3	Bedrock.....		at 69.6
Gravel, very coarse; and stones	5	40.5	Sand, yellow-brown, medium to					
Gravel, coarse.....	7.5	48	coarse, some coarse to very			ROCHESTER 20. Alt. 30 ft.		
Sand, gray, fine.....	4	52	coarse, some fine to medium,			Topsoil and sand; some gravel.	14	14
Clay, brown, bard.....	4	56	subrounded; and gravel,			Sand and clay.....	22	36
Sand, brown; and clay.....	4	60	fine, rounded to subrounded.	37.5	40.5	Sand and gravel; not very		
Clay, gray, bard.....	3.5	63.5	Pebbles.....	2.5	43	clean.....	4.6	40.6
Sand, fine; and clay; rocks			Sand, brown, medium to very			Sand and gravel.....	4.8	45.4
4 to 8 inches.....	6.5	70	coarse, subrounded to			Refusal.....		at 45.8
Sand, gray, hard packed; and			rounded; some pebbles, fine,					
clay.....	10	80	subrounded.....	40	83	ROCHESTER 22. Alt. 35 ft.		
Sand, gray, fine.....	10	90	Sand, brown, medium to coarse;			Topsoil; some clay.....	8.6	8.6
Sand, gray, coarse.....	2	92	and pebbles, very coarse to			Sand and gravel.....	20.9	29.5
Sand, brown, coarse.....	25	117	fine.....	5	88	Sand, fine; and clay.....	6	35.5
Sand, gray, coarse.....	3	120	Sand, brown, medium to very			Sand and gravel.....	5.5	41
Sand, brown, coarse.....	8	128	coarse; some fine to medium			Sand and clay.....	2.9	43.9
Sand, very fine.....	2	130	gravel.....	20	108	Bedrock.....		at 43.9
			Sand, brown, fine to coarse,			ROCHESTER 24. Alt. 15 ft.		
PLYMOUTH 22. Alt. 145 ft.			subrounded to subangular; a			Topsoil and gravel.....	15.7	15.7
Loam, black, sandy; and coarse			few pebbles, fine,			Sand, fine; little gravel....	4.3	20
sand.....	1.5	1.5	subrounded.....	10	118	Clay.....	31	51
Sand, orange-brown, medium to			Sand, brown, very fine.....	5	123	Bedrock.....		at 51
very coarse.....	2.5	4	Sand, fine, alternating with					
Sand, light brown, coarse to			thin lenses of gravel, fine			ROCHESTER 27. Alt. 15 ft.		
medium; some fine and coarse			sandy.....	10	133	Sand and gravel.....	16.8	16.8
gravel.....	1.5	5.5				Sand, fine; and gravel.....	5	21.8
Sand, coarse to medium; layers			PLYMOUTH 38. Alt. 98 ft.			Hardpan.....	7.5	29.3
of coarse gravel.....	2.5	8	Sand, brown, medium to coarse.	3	3	Bedrock.....		at 29.3
Sand, light yellow-orange,			Sand, coarse; and gravel,					
medium to very coarse; layers			medium to coarse.....	1	4	ROCHESTER 30. Alt. 15 ft.		
of medium to coarse gravel....	12	20	Sand, brownish-gray, very			Sand and gravel.....	14.1	14.1
Sand, light yellow-orange			coarse, trace of fine,			Sand, medium.....	5.2	19.3
medium to very coarse.....	29	49	sharp; and gravel, fine....	4.5	8.5	Sand, fine; and clay.....	13.3	32.6
			Sand, light brownish-gray,			Sand, fine, very dirty; and		
PLYMOUTH 29. Alt. 95 ft.			very coarse, trace of fine,			gravel.....	6.4	39
Sand, fine to coarse,			sharp; and gravel, fine.			Bedrock.....		at 39
predominantly medium, well			Gravel stringers, $\frac{3}{8}$ " thick					
sorted.....	20	20	at 10', 12', and 20'.....	11.5	20	ROCHESTER 53. Alt. 20 ft.		
Sand, medium to coarse, well			Sand, gray, very coarse, trace			Topsoil.....	3	3
sorted.....	72	92	of fine, sharp; and gravel,			Drove hard.....	4	7
			fine.....	5	25	Sand, medium; and gravel.....	9	16
PLYMOUTH 30. Alt. 105 ft.			Sand, gray, coarse to very			Sand, medium; and coarse		
Sand, yellow-brown, medium to			coarse, trace of fine,			gravel.....	12	28
coarse; a little gravel, fine			sharp; and gravel, fine.			Sand, gray, fine; and clay....	27	55
to medium.....	10	10	Gravel stringers at 50' and			Bedrock.....		at 55
Sand, medium; a little gravel,			58'.....	40	65			
fine, sharp.....	10	20	Sand, gray, coarse to very			ROCHESTER 72. Alt. 20 ft.		
Sand, medium to coarse; a			coarse and some fine, sharp;			Soil.....	1.3	1.3
little gravel, fine, sharp...	6	26	and gravel, fine.....	20	85	Sand, medium.....	20.7	22
Sand, fine to coarse, sharp;			Sand, gray, very coarse, trace			Gravel, coarse.....	10	32
and gravel, fine to medium,			of fine, sharp; and gravel,			Sand, red.....	2.5	34.5
angular, poorly sorted.....	4	30	fine.....	8	93	Sand, brown, fine.....	3.5	38
Sand, medium, some fine, some			Sand, gray, very fine to			Clay.....		at 38
very coarse, sharp.....	7	37	medium, some coarse to very					
Sand, fine and coarse, sharp;			coarse; and gravel, fine;					
and gravel, very fine; less			some scattered coarser					
sand with depth.....	35	72	gravel; stringer at 133'....	20	133			

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued
PLYMOUTH COUNTY--Continued

Thick- ness	Depth		Thick- ness	Depth		Thick- ness	Depth	
ROCHESTER 73. Alt. 20 ft.			ROCHESTER 78.--Continued			ROCHESTER 108.--Continued		
Soil.....	3	3	Transition marked by a			Sand, mainly medium and		
Sand and gravel.....	28.5	31.5	band of iron staining			coarse, angular, quartz....	4	29
Clay.....		at 31.5	between the two layers....		50-51.6	Gravel, medium and coarse,		
			Sample:-Recovery 12".			angular to slightly rounded.	6	35
ROCHESTER 78. Alt. 70 ft.			Sand, gray, very fine to			Refusal--Bedrock (?).....		at 35
Sample:-Recovery 7".			fine, predominantly					
Sand, light brown, fine to			very fine, well sorted;			ROCHESTER 109. Alt. 82 ft.		
very coarse, predominantly			some silt.....		55-56.6	Sand, brown, mainly fine,		
medium, extremely well			Sample:-Recovery 14".			angular, well sorted; some		
sorted, fairly compact.			Top 10"-Silt and very fine			gravel, fine to medium,	4	4
Grains show high degree of			sand, tan, well sorted.			angular to slightly rounded.		
rounding.....	5-6.6		Bottom 4"-Sand, very fine to			Sand, dark brown, mainly fine		
Sample:-Recovery 9".			medium grained,			and medium, angular; some		
Same as above.....	10-11.6		predominantly fine grained,			gravel, fine.....	10	14
Sample:-Recovery 8".			well sorted, light brown,			Sand, brown, mainly coarse and		
Same as above.....	15-16.6		grains angular to			very coarse, angular,		
Sample:-Recovery 6".			subrounded and clear.....		60-61.6	sorting fair, mainly quartz;		
Sand, light brown, fine to			Sample:-Recovery 6".			and gravel, fine to coarse,		
very coarse, predominantly			Till, silt to coarse sand,			angular to slightly rounded,		
coarse, extremely well			fine to coarse gravel,			scattered and		
sorted. Grains highly			grayish brown, both sand			interstratified with the		
rounded.....	20-21.6		and gravel very angular.			sand.....	18	32
Sample:-Recovery 14".			Refusal at 66'. Probably			Refusal--Bedrock (?).....		at 32
Sand, light brown, occasional			till.....	65-66				
very fine gravel particles.						ROCHESTER 110. Alt. 72 ft.		
Sand ranges from very fine			ROCHESTER 101. Alt. 88 ft.			Road fill--silt, sand, and		
to very coarse,			Sand, eolian.....	3	3	gravel.....	3	3
predominantly very fine,			Till.....	4	7	Till: Silt; sand, brown, fine,		
extremely well sorted and			Refusal.....		at 7	angular, mainly quartz; and		
grains well rounded.						gravel, rounded to angular;		
Occasional horizontal			ROCHESTER 102. Alt. 65 ft.			unsorted.....	7	10
bands of silt about 1/4"			Sand, brown, fine.....	2	2	Boulders.....	1	11
thick and spaced about 7"			Till.....	4	6	Refusal.....		at 11
apart and bands of sand of			Refusal.....		at 6			
predominantly coarse grain						ROCHESTER 111. Alt. 72 ft.		
size, 1/4" thick and less and			ROCHESTER 103. Alt. 53 ft.			Fill.....	3	3
several inches apart. Bands			Sand, dark brown, carbonaceous	1	1	Till: Silt, brown; sand, fine		
of iron staining.....	25-26.6		Sand, medium to coarse, some			to medium; and gravel, fine		
Hit a pebble, poor sample,			silt.....	12	13	to medium.....	3	6
mostly a washed sample.			Refusal--Bedrock (?).....		at 13	Till: Gravel, fine to coarse;		
Washed sample shows sand,						silt, brown; clay; and sand.	13	19
very fine to very coarse			ROCHESTER 104. Alt. 35 ft.			Till: Cobbles and gravel,		
mixed with gravel, very fine			Fill.....	2	2	coarse.....	5	24
to medium. No sorting. Grains			Sand, carbonaceous.....	1	3	Till: Silt, clayey, hard,		
well rounded. Color gray....	30-31.6		Sand, medium to coarse.....	24	27	compact; sand, very coarse,		
Bobbed sample from same depth			Refusal.....		at 27	angular; and gravel.....	2	26
as above. Sand, brown, very								
fine to very coarse,			ROCHESTER 105. Alt. 50 ft.			ROCHESTER 112. Alt. 65 ft.		
predominantly coarse, well			Sand, fine to very coarse;			Soil.....	2	2
sorted; grains well rounded.			some gravel, fine.....	17	17	Sand, brown, mainly medium,		
Sample wet.....	30-31.6		Sand, fine to medium.....	23	40	angular to rounded, fairly		
Bobbed sample:			Till.....	7	47	well sorted, mainly quartz..	4	6
Sand, gray, very fine to very			Refusal.....		at 47	Gravel.....		at 6
coarse, predominantly						Sand, brown, mainly medium,		
coarse to very coarse, well			ROCHESTER 106. Alt. 23 ft.			angular to rounded, fairly		
sorted, sample wet. Grains			Sand, fine, eolian.....	1	1	well sorted, mainly quartz..	2	8
well rounded and clear.			Sand, fine to medium; some			Silt, brown, well sorted;		
Occasional very fine gravel			silt.....	6	7	sand, fine; silt, olive-		
particle.....	35-36.6		Silt, dark gray.....	23	30	brown; and clay; in beds		
Sample:-Recovery 10".			Difficult to drill.....	5	35	ranging from 2 to 10 ft.		
Sand, and gravel, grayish			Refusal.....		at 35	thick.....	22	30
brown; sand, very fine to						Silt, olive-brown; and clay..	11	41
very coarse, predominantly			ROCHESTER 107. Alt. 85 ft.			Sand, brown, mainly medium and		
very coarse, well sorted.			Fill, sand and small gravel...	2	2	coarse, mainly angular; and		
Grains rounded to			Sand, gray, fine to coarse;			gravel, fine to coarse.....	10	51
subrounded, some angular.			gravel, fine to coarse;			Till: Clay, bluish-greenish-		
About 25% of the sample is			poorly sorted.....	5	7	gray; silt; sand, very		
gravel, very fine to			Sand, gray, fine to coarse;			coarse, mainly angular; and		
coarse, rounded. Sample wet	40-41.6		gravel, fine to coarse,			gravel, fine to medium.....	6	57
Sample:-Recovery 14".			finer with depth; some silt.	25	32	Refusal--Bedrock (?).....		at 57
Overdriven sample.			Sand, medium to coarse; some					
Upper 6"-Sand and gravel,			silt; sand, fine; and			ROCHESTER 113. Alt. 61 ft.		
gray. Sand is very fine to			pebbles, fine to medium....	18	50	Gravel, fine to coarse, an		
very coarse, predominantly			Silt; clay, gray, plastic;			angular to slightly rounded;		
very coarse, well sorted.			sand, fine to coarse; some			and sand, brown, very fine		
Gravel, very fine to			pebbles, fine, angular.....	10	60	to very coarse, mainly fine		
medium, grains rounded to			Silt; clay, gray, plastic; a			and medium, angular.....	12	12
subrounded.			few pebbles, fine, angular..	12	72	Gravel, beds of coarse and		
Lower 8"-Sand, light gray,			Bedrock.....		at 72	fine.....	3	15
very fine to coarse,						Till: Silt, brown; clay;		
predominantly fine, well			ROCHESTER 108. Alt. 56 ft.			sand, fine; and pebbles....	5	20
sorted. This sand layer is			Fill, sand and gravel, fine...	4	4	Sand, fine to very coarse;		
capped with bands of silt.			Gravel, fine, rounded; and			gravel, fine; silt, brown;		
Several horizontal bands			sand, medium to coarse.....	2	6	and clay; angular grains, no		
of medium sand 1/2" thick			Sand, mainly medium to coarse,			sorting, compact.....	4	24
scattered through the			some fine, angular; and			Refusal--Bedrock (?).....		at 24
lower 8".....	45-47		gravel, fine, angular.....	6	12			
Sample:-Recovery 10".			Sand, mainly medium to coarse,			ROCHESTER 114. Alt. 69 ft.		
Upper 5"-Sand, gray, very			a little fine and very			Gravel and cobbles, fine to		
fine to coarse,			coarse, angular, well			coarse, angular to slightly		
predominantly medium, well			sorted, mainly quartz.....	11	23	rounded; sand, brown, fine		
sorted.			Sand, mainly very coarse, some			to very coarse, mainly fine		
Lower 5"-Sand, gray, very			coarse, a little fine to			to medium, angular to		
fine to fine, predominantly			medium, angular, mainly			rounded, mainly quartz.....	15	15
fine; sharp transition			quartz.....	2	25	Sand, brown, mainly medium,		
between upper and lower 5".						some fine to very coarse,		
						angular to rounded, quartz..	22	37

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued
PLYMOUTH COUNTY--Continued

Thick- ness Depth			Thick- ness Depth			Thick- ness Depth		
ROCHESTER 114.--Continued			ROCHESTER 147.--Continued			SCITUATE 21.--Continued		
Sand, grayish-brown, fine to coarse, mainly medium, mainly angular, mainly quartz.....	44	81	Sample:-Recovery 14".			Sand, fine; trace of clay....	25	67
Refusal--Bedrock.....		at 81	Till; gray.....	70-71.5		SCITUATE 26. Alt. 5 ft.		
ROCHESTER 119. Alt. 41 ft.			Sample:-Recovery 18".			Muck and clay.....	4	4
Sand, brown, medium; and gravel, fine.....	5	5	Till; gray.....	80-81.25		Clay.....	6	10
Sand, light brown, fine to medium, a little very coarse, well sorted.....	5	10	Sample:-Recovery 10".			Sand and clay.....	10	20
Sand, light brown, medium to coarse, well sorted.....	25	35	Till.....			Gravel.....	25	45
Till?: Sand, fine to coarse, tightly packed; and gravel, fine, difficult drilling....	13	48	No sample obtained using open end pipe, 300 lb hammer, 100 blows for 2 inch penetration.....			Sand and gravel.....	2	47
Refusal--Bedrock?.....		at 48	Refusal.....	85-85.2		Gravel.....	6	53
ROCHESTER 120. Alt. 17 ft.			Drilled using a diamond bit.	88.66		Sand and gravel.....	2	55
Sand, brown, fine.....	2	2	Dedham granodiorite.....	88.66-		Gravel, coarse.....	5	60
Sand, fine to very coarse, mainly fine, well sorted....	15	17		92.66		Sand, very fine.....	5	65
Sand, fine to very fine, well sorted.....	18	35	ROCKLAND 21. Alt. 115 ft.			SCITUATE 27. Alt. 45 ft.		
Silt, gray, tight.....	9	44	Sand, gravel, boulders, and little clay.....	26	26	Sand.....	29	29
Refusal--Bedrock (?).....		at 44	Sand, sharp gravel, boulders, and clay.....	9.6	35.6	Gravel, coarse.....	20	49
ROCHESTER 147. Alt. about 80 ft.			Sharp gravel, hard yellow clay, and boulders.....	5.4	41	WAREHAM 38. Alt. 10 ft.		
Sample:-Recovery 18".			Refusal.....		at 41	Sand, coarse and fine.....	22.1	22.1
Top 1"--Mixture of green silt, fine sand, and pebbles at the base of which gravel is found which serves to form a contact between the above and the below described material.			ROCKLAND 36. Alt. 135 ft.			Sand, coarse.....	11.9	34
Lower 17"--Sand: light brown, medium with some fine and minor very coarse grains, well sorted, subangular to rounded, loose, clear, major mineral quartz, some feldspar. (Note: lower 1" is lighter in color and contains many pebbles.)....	5-6.5		Loam.....	1	1	Sand, coarse and fine.....	11	45
Sample:-Recovery 4".			Sand, fine, gray; and clay....	6	7	Gravel, fine; some coarse and fine sand.....	10.8	55.8
Heterogeneous mixture including grain sizes from silt thru and including coarse gravel.....	10-11.5		Sand, medium to coarse; fine gravel and little clay....	28	35	Gravel, fine; and coarse sand.	11.3	67.1
Sample:-Recovery 8".			Sand, medium; sharp gravel and little clay.....	8.6	43.6	WAREHAM 62. Alt. 47 ft.		
Sand: brown, coarse with some medium and some very coarse, including coarse gravel, well sorted, loose, rounded, frosted. Major mineral quartz.....	15-16.5		Sand, fine; yellow clay and boulders.....	5.4	49	Sand, fine to medium.....	3	3
Sample:-Recovery 10".			Refusal.....		at 49	Sand, medium, well sorted; and pebbles, small.....	9	12
Sand: brown, fine with minor amount of very fine and medium grains, well sorted, loose, rounded, frosted....	20-21.5		SCITUATE 9. Alt. -1.7 ft.			Sand, medium to coarse, well sorted; a few pebbles, fine, and a little silt.....	18	30
Sample:-Recovery 8".			Sand, silty; and shells.....	2.5	2.5	Sand, orange, medium to very coarse; and gravel, fine....	52	82
Sand: grayish-brown, coarse thru fine grains, moderately sorted, loose, rounded, frosted, major mineral quartz, sample contains some gravel up to coarse in size.....	25-26.5		Sand, loose, sharp; and gravel	22.5	25	WAREHAM 63. Alt. 73 ft.		
Sample:-Recovery 18".			Sand, hard, sharp; gravel; and boulders.....	21	46	Sand, fine to medium; and pebbles, small to medium....	12	12
Sand: brown, medium with some fine grains, well sorted, loose, well			Refusal.....		at 46	Sand, fine to medium; and a few pebbles.....	8	20
rounded, frosted. Major mineral quartz.....	15-16.5		SCITUATE 10. Alt. 10 ft.			Sand, medium to coarse; and gravel, fine to medium.....	9	29
Sample:-Recovery 10".			Muck.....	2	2	Bedrock.....		at 29
Sand: brown, fine with minor amount of very fine and medium grains, well sorted, loose, rounded, frosted....	20-21.5		Clay and sand.....	52	54	WAREHAM 64. Alt. 70 ft.		
Sample:-Recovery 8".			Sand; and coarse gravel.....	16	70	Sand, fine to medium; and pebbles, fine.....	5	5
Sand: grayish-brown, coarse thru fine grains, moderately sorted, loose, rounded, frosted, major mineral quartz, sample contains some gravel up to coarse in size.....	25-26.5		Bedrock.....		at 70	Sand, coarse; and gravel, small to medium.....	10	15
Sample:-Recovery 18".			SCITUATE 11. Alt. 10 ft.			Refusal--Bedrock.....		at 15
Sand: brown, medium with some fine grains, well sorted, loose, well			Clay and sand.....	42	42	WAREHAM 65. Alt. 47 ft.		
rounded, frosted. Major mineral quartz.....	15-16.5		Clay, solid.....	11	53	Fill.....	2	2
Sample:-Recovery 10".			Sand, yellow, coarse.....	27	80	Sand, yellow, fine to medium;		
Sand: brown, coarse with some medium and some very coarse, including coarse gravel, well sorted, loose, rounded, frosted. Major mineral quartz.....	15-16.5		Sand, yellow, coarse; little clay.....	21	101	and some pebbles, fine.....	13	15
Sample:-Recovery 10".			Sand, yellow, fine; and clay..	14	115	Sand, gray, fine to medium; a little silt; and pebbles, fine, well sorted.....	10	25
Sand: brown, fine with minor amount of very fine and medium grains, well sorted, loose, rounded, frosted....	20-21.5		Sand, red.....	4	119	Sand, fine; and silt, yellow-gray.....	27	52
Sample:-Recovery 8".			Hardpan, blue.....		at 119	Bedrock.....		at 52
Sand: grayish-brown, coarse thru fine grains, moderately sorted, loose, rounded, frosted, major mineral quartz, sample contains some gravel up to coarse in size.....	25-26.5		SCITUATE 12. Alt. 10 ft.			WAREHAM 66. Alt. 58 ft.		
Sample:-Recovery 18".			Clay.....	42	42	Sand, fine to medium; and a few pebbles, small.....	3	3
Sand: brown, medium with some fine grains, well sorted, loose, well			Gravel.....	18	60	Till, gray, sandy; and boulders at 6 and 9 ft.....	11	14
rounded, frosted. Major mineral quartz.....	15-16.5		SCITUATE 13. Alt. 50 ft.			Refusal.....		at 14
Sample:-Recovery 10".			Muck.....	4	4	WAREHAM 67. Alt. 23 ft.		
Sand: brown, fine with minor amount of very fine and medium grains, well sorted, loose, rounded, frosted....	20-21.5		Clay; and fine sand.....	19	23	Sand, yellow, well sorted....	3	3
Sample:-Recovery 8".			Sand, fine; size increasing with depth.....	30	53	Sand, yellowish-gray, well sorted.....	7	10
Sand: grayish-brown, coarse thru fine grains, moderately sorted, loose, rounded, frosted, major mineral quartz, sample contains some gravel up to coarse in size.....	25-26.5		Gravel.....	10	63	Sand, yellowish-gray, fine to medium; and pebbles, fine...	15	25
Sample:-Recovery 18".			Sand, fine, hard packed; and clay.....	5	68	Sand, yellowish-brown, fine, well sorted, micaceous....	9	34
Sand: brown, medium with some fine grains, well sorted, loose, well			Gravel, coarse.....	5	73	Sand, yellowish-brown, fine, well sorted, micaceous;		
rounded, frosted. Major mineral quartz.....	15-16.5		SCITUATE 14. Alt. 15 ft.			pebbles or cobbles.....	6	40
Sample:-Recovery 10".			Muck.....	2.5	2.5	Hard drilling.....		at 40
Sand: brown, fine with minor amount of very fine and medium grains, well sorted, loose, rounded, frosted....	20-21.5		Sand and clay.....	6	8.5	Sand, yellow-brown, fine, well sorted, micaceous, pebbles or cobbles.....	6	46
Sample:-Recovery 8".			Gravel, coarse.....	11	19.5	Clay, gray-blue, sandy, stiff; with pebbles or cobbles....	3	49
Sand: grayish-brown, very fine, well sorted, 7" from top of sample the grains are discolored by iron staining, loose.....	35-36.5		Boulders and hardpan.....		at 19.5	Bedrock.....		at 49
Sample			SCITUATE 17. Alt. 55 ft.			WAREHAM 68. Alt. 22 ft.		
Sand: grayish-brown, very fine, well sorted, some silt in lower 8", moderately compact.....	40-41.5		Muck.....	2	2	Sand, orange, fine to medium..	3	3
Sample:-Recovery 18".			Clay.....	13	15	Sand, fine to medium; and pebbles, fine, rounded....	30	33
Same as above.....	45-46.5		Gravel, ground; and clay....	5	20	Sand, fine to medium, mainly fine, clean, micaceous....	44	77
Sample:-Recovery 18".			Clay.....	2	22			
Silt; grayish-green, contains some clay.....	50-51.5		Gravel, gray; some clay....	18	40			
Sample:-Recovery 18".			Sand and gravel; not so much clay.....	5	45			
Clayey silt; grayish-green..	55-56.5		Sand; some clay.....	5	50			
Sample:-Recovery 14".			Sand and gravel.....	4	54			
Clayey silt; grayish-green..	60-61.5		Clay, solid.....	1	55			
Sample:-Recovery 18".			Sand, coarse; and gravel....	15	70			
Clayey silt; upper 4" brown, lower 14" gray.....	65-66.5		Sand, fine.....	25	95			
			Bedrock.....		at 95			

Table 3.--Logs of selected wells, test wells, and test holes in southeastern Massachusetts--Continued

PLYMOUTH COUNTY--Continued

Thick- ness Depth			Thick- ness Depth			Thick- ness Depth		
WAREHAM 69. Alt. 27 ft.			WAREHAM 75. Alt. 78 ft.			WAREHAM 79.--Continued		
Sand, orange, fine to coarse, poorly sorted.....	2	2	Sand, brown, mainly medium....	6	6	Gravel; and sand, brownish- gray, fine to medium.....	10	53
Sand, yellowish-gray, fine to coarse, poorly sorted.....	8	10	Sand, very coarse, mainly angular, mainly quartz; and gravel, fine.....	0.5	6.5	Sand, gray, medium to coarse; and pebbles, fine to medium..	12	65
Sand, coarse; and gravel, fine.	15	25	Sand, light brown, medium to coarse, angular, well sorted; and gravel, fine to medium, slightly rounded....	3.5	10	Gravel, coarse.....	0.5	65.5
Sand, medium to coarse.....	15	40	Till: silt to sand, very coarse, mainly angular, poorly sorted, mainly quartz; and gravel, fine to medium, angular to rounded.....	4	14	Till, purple-brown, clayey....	1.5	67
Sand, fine to coarse, mostly fine; and scattered pebbles, 1-inch, subrounded, faceted, quartzite.....	37	77	Refusal--Bedrock?.....		at 14	Refusal--Bedrock.....		at 67
WAREHAM 70. Alt. 55 ft.			WAREHAM 77. Alt. 16 ft.			WAREHAM 80. Alt. 45 ft.		
Sand, fine to medium, well sorted.....	8	8	Soil.....	0.5	0.5	Sand, yellowish-brown, medium- coarse.....	3	3
Sand, fine to medium, poorly sorted.....	2	10	Sand, yellow, medium to coarse; and pebbles, fine...	2.5	3	Sand, yellowish-brown, medium and coarse.....	5	8
Sand, fine to medium, poorly sorted; scattered cobbles or boulders.....	2	12	Sand, yellow, medium to fine, some mica flakes.....	5	8	Sand, yellowish-brown, medium and coarse; a little gravel, fine.....	5	13
Sand, fine to medium, poorly sorted.....	8	20	Sand, yellowish-gray, fine to coarse, mainly fine.....	5	13	Sand, yellowish-brown, medium- fine.....	10	23
Sand, gray to grayish-brown, fine to coarse, mainly medium to coarse, poorly sorted; and gravel, fine....	20	40	Sand, grayish-brown, mainly fine; some biotite and muscovite.....	5	18	Sand, brownish-yellow, fine...	5	28
Cobble or boulder.....		at 40	Sand, grayish-brown, fine....	5	23	Sand, brown, fine to medium..	5	33
Sand, grayish-brown, fine to coarse, mainly medium to coarse, poorly sorted; and gravel, fine.....	2	42	Sand, gray, very fine.....	10	33	Sand, brown, fine.....	5	43
Sand, brown, fine to coarse, poorly sorted.....	18	60	Sand, grayish-brown, medium- coarse.....	1	34	Sand, brown, fine to coarse...	15	58
Sand, gray, fine to coarse, poorly sorted.....	10	70	Gravel, grayish-lavender, coarse, sandy, some looks like weathered bedrock.....	3.5	37.5	Gravel, fine; and sand, gray, medium to coarse.....	20	78
Bedrock.....		at 70	Refusal--Bedrock.....		at 37.5	Till: sand, gray; clay, lavenderish-gray; and pebbles, angular to subrounded.....	1	79
WAREHAM 73. Alt. 60 ft.			WAREHAM 79. Alt. 25 ft.			Refusal--Bedrock.....		at 79
Sand, orange, fine to medium...	2	2	Soil, dark.....	2	2	WAREHAM 81. Alt. 70 ft.		
Sand, medium to coarse.....	3	5	Sand, yellow, medium to coarse	1	3	Sand, brown, medium to coarse, well sorted.....	27	27
Sand, fine to medium.....	25	30	Sand, yellow, medium; a little sand, coarse to gravel, very fine.....	5	8	Till: sand, fine to coarse; clay; and gravel, fine; poorly sorted; fine material increases with depth.....	36	63
Sand, medium to coarse, sharp..	7	37	Sand, light brown, coarse....	5	13	Refusal--Bedrock (?).....		at 63
Sand, very coarse, trace of fine, sharp; and scattered pebbles, small to medium, subrounded.....	35	72	Sand, light brown, coarse; and gravel, fine.....	5	18	WAREHAM 82. Alt. 85 ft.		
WAREHAM 74. Alt. 80 ft.			Sand, light brown, coarse....	3	21	Sand, black, carbonaceous....	3	3
Sand, fine to medium; with a few pebbles, fine.....	15	15	Sand, brown, coarse to very coarse; and gravel, fine....	2	23	Sand, light brown, medium to coarse, well sorted.....	6	9
Sand, fine to coarse; with a few pebbles, fine.....	5	20	Sand, brown, coarse to very coarse.....	5	28	Sand, dark brown, medium to very coarse; and gravel, fine to coarse.....	5	14
Sand, fine to medium; with a few pebbles, fine.....	17	37	Sand, brown, very coarse; some gravel, fine.....	5	33	Refusal--Bedrock (?).....		at 14
Sand, fine to very fine.....	35	72	Sand, brown, coarse to very coarse.....	5	38			
			Sand, brownish-gray, mainly medium, some coarse.....	5	43			

Table 4.--Water levels in observation wells in southeastern Massachusetts

(Water levels in feet below land-surface datum. For description of wells, see table 2.)

BARNSTABLE COUNTY											
Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
BARNSTABLE 230						FALMOUTH 5--Continued					
<u>1957</u>		<u>1959</u>		<u>1961</u>		<u>1954</u>		<u>1956</u>		<u>1959</u>	
Nov. 14	25.26	Aug. 31	23.23	Jan. 31	23.88	July 12	4.27	Aug. 6	4.41	Jan. 31	4.55
Dec. 16	23.75	<u>1960</u>		Feb. 28	23.40	19	4.53	13	4.40	Mar. 2	3.94
<u>1958</u>		Feb. 2	23.02	Mar. 30	22.86	26	4.57	20	4.47	Apr. 1	3.47
Jan. 6	24.7	Mar. 1	22.11	May 1	24.13	Aug. 2	4.75	27	4.52	May 1	3.47
15	23.7	29	22.21	June 1	22.95	9	4.78	Oct. 1	4.84	June 1	3.98
Feb. 4	22.99	May 2	21.50	Aug. 1	23.38	16	4.72	Nov. 2	5.02	8	4.04
Mar. 1	23.25	31	22.04	Oct. 31	23.08	Sept. 6	4.94	Dec. 3	5.13	July 10	4.35
<u>1959</u>		June 30	22.50	Dec. 1	22.98	13	4.70	<u>1957</u>		Aug. 1	3.87
Jan. 27	23.26	July 31	23.07	<u>1962</u>		20	4.71	Jan. 4	4.91	24	4.25
Mar. 3	22.65	Sept. 1	23.70	Apr. 28	22.13	27	4.82	Feb. 1	4.68	Nov. 2	4.76
31	21.99	30	24.16	Sept. 26	23.95	Oct. 4	4.93	Mar. 2	4.40	Dec. 28	4.92
Apr. 30	21.79	Oct. 31	24.60	Oct. 30	23.82	26	5.08	Apr. 1	3.94	<u>1960</u>	
June 1	22.08	Nov. 30	24.84	Nov. 29	23.06	Nov. 1	5.05	May 1	3.48	Jan. 26	4.43
Aug. 1	22.34	Dec. 31	24.30	Dec. 28	23.14	15	5.08	June 1	4.02	Mar. 30	3.58
BREWSTER 21						22	5.10	17	4.40	Apr. 26	3.02
<u>1957</u>		<u>1959</u>		<u>1960</u>		Dec. 1	4.96	24	4.61	May 26	3.55
Sept. 26	10.87	Feb. 16	9.30	Oct. 2	9.50	<u>1955</u>		July 1	4.75	June 27	4.11
Dec. 13	10.8	Mar. 3	9.15	31	9.84	Jan. 3	3.89	8	4.89	Aug. 29	4.91
29	11.2	23	8.90	Nov. 14	9.93	Feb. 1	3.66	15	4.97	Dec. 27	4.71
<u>1958</u>		Apr. 1	8.84	29	10.07	Mar. 2	3.85	22	5.13	<u>1961</u>	
Jan. 15	11.13	22	8.82	<u>1961</u>		Apr. 1	3.73	29	5.09	Jan. 30	4.47
28	11.12	June 1	8.27	Jan. 2	10.08	May 2	3.56	Aug. 5	4.97	Feb. 27	4.03
Feb. 24	11.10	15	8.26	16	10.12	June 6	3.82	12	5.09	Mar. 30	3.72
Mar. 17	10.94	July 2	8.18	May 27	9.78	20	4.14	19	5.14	Apr. 28	3.62
Apr. 3	10.70	25	8.05	June 28	9.10	27	4.17	26	4.93	May 31	3.54
15	10.38	Aug. 14	8.13	July 28	9.70	July 4	4.33	Sept. 3	5.10	June 30	3.97
May 5	10.05	Sept. 4	8.27	Aug. 29	9.92	11	4.42	Oct. 1	5.28	July 31	4.17
28	9.73	Oct. 3	8.10	Nov. 1	9.72	18	4.54	Nov. 1	5.39	Aug. 30	4.61
June 15	9.45	14	8.67	28	9.77	25	4.70	Dec. 2	5.37	Sept. 30	4.67
July 5	9.37	Nov. 1	8.80	Dec. 28	9.80	Aug. 1	4.74	<u>1958</u>		Oct. 31	3.83
16	9.36	15	8.94	<u>1962</u>		8	4.89	Jan. 3	4.98	Nov. 30	3.92
31	9.36	Dec. 6	8.99	Jan. 27	9.32	15	4.39	Feb. 7	3.59	Dec. 29	3.99
Aug. 27	9.33	<u>1960</u>		Feb. 27	8.98	29	4.35	Mar. 1	3.37	<u>1962</u>	
Sept. 22	9.32	Jan. 1	9.00	Mar. 30	8.90	Oct. 1	4.69	Apr. 1	3.32	Jan. 30	3.28
Oct. 2	9.13	Feb. 15	8.87	Apr. 26	8.66	Nov. 2	4.71	May 1	2.55	Feb. 28	3.09
Nov. 3	9.30	28	8.76	May 26	8.81	Dec. 1	4.45	June 2	2.71	Mar. 30	3.62
14	9.37	Mar. 24	8.67	June 25	8.78	31	4.51	July 7	3.51	Apr. 27	3.66
Dec. 3	9.40	Apr. 24	8.38	July 27	9.08	<u>1956</u>		21	3.94	May 28	3.94
17	9.42	May 10	8.38	Aug. 25	9.39	Feb. 1	4.15	28	3.92	June 28	4.17
30	9.45	June 3	8.37	Oct. 30	9.62	Mar. 1	3.34	Aug. 11	4.19	July 27	4.59
<u>1959</u>		15	8.36	Nov. 29	9.35	31	2.97	25	4.40	Aug. 28	4.97
Jan. 15	9.52	July 1	8.50	Dec. 2	9.32	Apr. 30	2.65	Sept. 2	4.03	Sept. 28	4.93
Feb. 1	9.53	Aug. 31	9.10	28	9.38	June 1	3.44	27	4.37	Oct. 30	4.82
FALMOUTH 5						30	3.98	Nov. 1	4.17	Nov. 28	4.34
<u>1950</u>		<u>1952</u>		<u>1953</u>		July 16	4.01	Dec. 1	4.42	Dec. 28	4.27
Aug. 4	5.09	Aug. 21	4.95	Aug. 22	4.86	30	4.16	<u>1959</u>			
11	5.23	28	5.05	29	5.00	July 30	4.27	Jan. 3	4.47		
18	5.36	Sept. 4	5.18	Sept. 5	5.17	SANDWICH 117					
20	5.17	11	5.17	12	5.21	<u>1950</u>		<u>1950</u>		<u>1951</u>	
25	5.29	18	5.23	19	5.15	July 24	28.30	Dec. 1	28.52	Apr. 13	27.77
Sept. 1	5.36	Oct. 27	5.40	26	5.07	28	28.35	8	28.53	20	27.82
2	5.46	Nov. 28	5.43	Oct. 1	5.14	Aug. 4	28.30	15	28.38	27	27.88
8	5.39	Dec. 27	5.20	Nov. 2	5.05	11	28.40	29	28.48	May 4	27.91
Oct. 4	5.30	<u>1953</u>		30	4.49	18	28.45	<u>1951</u>		11	27.96
Nov. 27	5.24	Jan. 27	4.59	Dec. 31	3.56	25	28.48	Jan. 5	28.45	18	27.99
<u>1951</u>		Feb. 27	3.64	<u>1954</u>		Sept. 1	28.52	12	28.40	25	27.96
Mar. 24	3.70	Mar. 30	3.41	Feb. 1	3.94	8	28.57	19	28.33	June 1	27.98
<u>1952</u>		Apr. 27	2.78	Mar. 1	3.98	15	28.54	26	28.35	9	28.05
June 9	4.07	May 27	3.16	Apr. 17	4.00	22	28.57	Feb. 1	28.30	15	28.04
July 3	4.59	June 27	4.29	May 1	3.91	29	28.63	9	28.27	23	28.13
10	4.84	July 11	4.60	June 1	3.25	Oct. 6	28.68	18	28.09	29	28.18
17	4.96	18	4.60	7	3.43	13	28.66	23	28.01	July 6	28.26
24	5.08	25	4.59	14	3.72	20	28.69	Mar. 2	28.01	13	28.29
Aug. 1	5.20	Aug. 1	4.71	21	3.80	27	28.71	9	28.03	20	28.33
7	4.96	8	4.81	28	4.00	Nov. 3	28.75	16	27.97	<u>1952</u>	
14	4.90	15	4.69	July 5	4.12	10	28.70	24	27.88	May 2	27.73
						17	28.72	31	27.83	20	27.85
						24	28.70	Apr. 7	27.80	June 18	28.91

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued
BARNSTABLE COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
TRURO 1						TRURO 1--Continued					
1950		1952		1953		1954		1956		1957	
Aug. 30	11.4	Jan. 2	10.9	May 6	10.3	Sept. 11	12.1	May 26	10.8	Nov. 2	10.9
Sept. 6	11.6	9	11.0	13	10.3	18	11.8	June 9	10.7	9	11.0
13	11.2	16	11.1	20	10.3	25	11.8	16	11.2	Dec. 28	10.9
20	11.2	23	11.2	June 3	10.4	Oct. 2	11.9	23	11.2	1958	
27	11.2	30	11.0	10	10.5	9	11.9	30	10.8	Jan. 25	10.5
Oct. 4	11.4	Feb. 6	11.1	17	10.8	17	11.9	July 7	11.2	Feb. 22	10.4
11	11.2	13	11.1	23	11.0	23	11.5	14	11.3	Mar. 29	10.3
18	11.2	20	10.9	July 1	11.0	30	11.6	21	11.0	Apr. 26	10.0
25	11.0	27	10.9	8	11.1	Nov. 9	11.1	28	11.0	May 31	10.2
Nov. 1	11.2	Mar. 5	10.8	9	11.0	13	11.0	Aug. 11	10.7	June 28	10.6
8	11.0	12	10.8	22	11.1	20	11.17	18	10.0	July 26	11.4
15	11.1	19	10.7	29	11.2	Dec. 11	10.80	25	11.0	Aug. 30	11.0
22	10.9	26	10.6	Aug. 5	11.2	25	11.10	Sept. 1	11.1	Sept. 27	10.7
29	10.8	Apr. 2	10.7	12	11.4	1955		8	10.9	Oct. 25	10.6
Dec. 13	10.6	9	10.6	19	11.4	Jan. 1	10.0	15	11.1	Nov. 29	10.6
20	10.8	16	11.0	26	11.3	8	10.0	22	11.0	Dec. 31	10.6
27	10.9	23	10.9	Sept. 2	11.4	15	10.5	29	11.1	1959	
Jan. 3	11.0	30	10.8	9	11.4	22	10.0	Oct. 6	11.1	Jan. 31	10.7
10	10.7	May 7	10.7	16	11.4	29	10.7	13	11.1	Feb. 28	10.7
17	10.7	14	10.5	23	11.3	Feb. 5	10.7	20	11.1	Mar. 28	10.5
24	10.8	22	10.7	30	11.3	12	10.5	27	11.0	Apr. 25	10.5
31	10.8	28	10.9	Oct. 7	11.3	19	10.7	Nov. 3	11.1	May 30	11.2
Feb. 14	10.9	June 4	11.3	16	11.5	26	10.8	10	10.9	June 27	11.0
21	10.9	11	11.2	21	11.5	Mar. 5	10.6	Dec. 1	10.9	July 25	11.3
28	10.7	18	11.0	28	11.1	26	10.6	8	10.9	Aug. 29	11.4
Mar. 7	10.6	25	11.1	Nov. 4	11.1	Apr. 2	10.5	15	10.9	Sept. 26	11.3
14	10.6	July 2	11.3	11	11.1	9	10.5	22	10.8	Oct. 31	11.1
21	10.5	9	11.6	18	11.1	16	11.1	29	10.7	Nov. 28	11.1
28	10.5	16	11.5	Dec. 2	11.0	23	10.6	1957		Dec. 31	10.5
Apr. 4	10.5	23	11.4	9	11.0	30	10.4	Jan. 5	10.9	1960	
18	10.5	30	11.5	16	11.0	May 7	10.5	12	10.9	Jan. 30	10.4
25	10.7	Aug. 6	11.4	23	10.6	21	10.5	19	10.9	Feb. 27	10.4
May 2	10.8	13	11.3	30	10.7	28	10.6	26	10.9	Mar. 26	10.1
9	10.7	20	11.5	1954		June 4	10.8	Feb. 2	10.8	Apr. 30	10.3
17	11.1	27	11.6	Jan. 6	10.7	11	10.8	9	10.9	May 30	10.6
23	10.9	Sept. 3	11.6	13	10.6	18	10.9	23	11.0	June 27	10.9
30	10.6	10	11.6	20	10.8	25	10.8	Mar. 23	10.5	July 29	11.0
June 6	11.0	24	11.5	27	10.9	July 2	11.1	30	10.8	Aug. 29	11.1
13	11.0	Oct. 1	11.4	Feb. 3	10.8	9	11.1	Apr. 20	10.8	Sept. 26	10.9
20	10.8	8	11.3	10	10.5	16	11.1	27	11.0	Oct. 31	10.7
27	10.9	15	11.3	17	10.7	23	11.0	May 4	11.0	Nov. 28	10.9
July 4	11.1	29	11.1	24	11.0	30	11.1	11	11.1	1961	
11	11.1	Nov. 5	11.1	Mar. 3	11.0	Aug. 6	11.1	18	11.1	Jan. 9	10.7
18	11.1	12	11.1	10	10.8	13	11.2	25	11.0	30	11.2
25	11.1	26	11.2	17	10.9	20	10.9	June 1	11.0	Feb. 27	11.4
Aug. 1	11.3	Dec. 3	11.2	24	10.9	27	11.1	8	11.0	Mar. 27	10.5
8	11.2	10	11.0	31	11.0	Sept. 3	11.0	15	10.9	May 1	10.5
15	11.3	17	11.0	Apr. 7	10.9	10	11.0	22	11.2	June 2	10.4
22	11.1	24	10.9	14	11.1	17	11.0	29	11.1	26	10.7
29	11.4	31	10.9	21	11.0	24	11.1	July 6	11.0	July 31	11.1
Sept. 5	11.3	1953		28	11.1	Oct. 1	11.1	13	11.1	Sept. 1	11.1
12	11.3	Jan. 7	10.8	May 12	11.2	8	10.0	20	11.3	Oct. 1	11.1
19	11.2	14	10.8	19	11.2	15	10.9	27	11.3	Nov. 1	11.0
26	11.3	21	10.8	26	11.3	22	10.7	Aug. 3	11.1	Dec. 1	10.7
Oct. 3	11.3	28	10.7	June 2	11.2	29	10.9	10	11.3	1962	
10	11.1	Feb. 4	10.7	10	11.1	Nov. 5	10.9	17	11.3	Jan. 1	10.8
17	11.2	11	10.8	17	11.3	12	10.5	24	10.9	Feb. 2	10.6
24	11.4	18	10.4	23	11.4	17	10.5	31	10.9	26	10.5
31	11.6	25	10.7	30	11.4	Dec. 3	10.5	Sept. 7	11.3	Mar. 30	10.5
Nov. 7	11.4	Mar. 4	10.6	July 7	11.5	10	10.5	14	11.3	Apr. 25	10.9
14	11.5	11	10.9	14	11.7	17	10.6	21	11.5	May 26	11.3
21	11.5	18	10.5	24	11.8	24	10.8	28	11.5	June 28	10.9
28	11.3	25	10.5	31	11.8	31	10.8	Oct. 5	11.5	Sept. 26	11.0
Dec. 5	11.2	Apr. 1	10.4	Aug. 7	11.9	1956		12	11.0	Oct. 30	10.9
12	11.2	8	10.4	14	11.9	Feb. 4	10.6	19	11.1	Nov. 29	10.7
19	11.2	15	10.3	21	12.0	11	10.7	26	11.0	Dec. 28	10.8
26	11.3	22	10.3	28	11.5	18	10.5				
		29	10.3	Sept. 4	12.0						

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued

BARNSTABLE COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
TRURO 87						TRURO 87--Continued					
<u>1954</u>		<u>1955</u>		<u>1956</u>		<u>1957</u>		<u>1959</u>		<u>1961</u>	
Dec. 11	12.7	Oct. 15	12.5	Oct. 20	12.2	Sept. 21	12.4	Jan. 31	12.1	Jan. 9	12.4
18	12.5	22	12.4	27	12.6	28	13.4	Feb. 28	11.9	30	11.9
25	12.5	29	12.4	Nov. 3	12.6	Oct. 5	13.5	Mar. 28	12.2	Feb. 27	12.2
<u>1955</u>		Nov. 5	12.0	10	12.6	12	13.2	Apr. 25	11.8	Mar. 27	12.5
Jan. 1	12.3	12	12.1	Dec. 1	12.6	19	13.3	May 30	13.2	May 1	11.8
8	12.2	17	12.0	7	12.6	26	13.2	June 27	12.2	June 2	11.7
15	12.1	Dec. 3	12.0	15	12.6	Nov. 2	13.0	July 25	13.2	26	13.7
22	11.9	10	12.3	22	12.4	9	13.1	Aug. 29	12.2	July 31	14.6
29	11.9	17	12.1	29	12.4	Dec. 28	12.5	Sept. 26	13.1	Sept. 1	13.3
Feb. 5	11.9	24	12.1	<u>1957</u>		<u>1958</u>		Oct. 31	12.6	Oct. 1	12.4
12	11.9	31	12.2	Jan. 5	12.4	Jan. 25	12.5	Nov. 28	12.4	Nov. 1	12.3
19	11.9	<u>1956</u>		12	12.4	Feb. 22	12.0	Dec. 31	12.6	Dec. 1	12.0
26	12.0	Jan. 28	11.7	19	12.4	Mar. 29	11.8	<u>1960</u>		<u>1962</u>	
Mar. 5	12.0	Feb. 4	11.7	26	12.4	Apr. 26	11.2	Jan. 30	12.3	Jan. 1	12.0
12	12.0	11	11.5	Feb. 2	12.3	May 31	11.3	Feb. 27	11.8	Feb. 2	12.1
19	11.9	18	11.0	9	12.5	June 28	11.8	Mar. 26	11.7	26	12.2
26	12.0	Mar. 26	11.5	16	12.6	July 26	13.6	Apr. 30	12.6	Mar. 30	12.0
Apr. 2	11.9	31	11.3	23	12.5	Aug. 30	12.6	May 30	11.7	Apr. 25	11.7
9	11.9	Apr. 7	11.3	Mar. 2	12.6	Sept. 27	12.1	June 27	12.5	May 26	12.1
16	11.9	14	11.1	9	12.6	Oct. 25	11.8	July 29	14.1	June 28	13.4
23	11.9	21	11.1	16	12.6	Nov. 29	11.8	Aug. 29	14.7	Sept. 26	13.13
30	11.9	28	11.0	23	12.3	Dec. 31	12.0	Sept. 26	14.4	Oct. 30	13.09
May 7	11.8	May 5	11.2	30	12.3	TRURO 89					
14	11.9	12	11.3	Apr. 20	12.2	<u>1959</u>		<u>1960</u>		<u>1961</u>	
21	11.9	19	11.3	27	12.2	Mar. 3	11.76	June 30	12.26	Oct. 31	12.28
28	12.0	26	11.4	May 4	12.2	31	12.21	July 31	12.29	Nov. 30	12.27
June 4	12.0	June 2	11.5	11	12.8	Apr. 30	13.21	Aug. 31	13.21	Dec. 31	12.26
11	12.2	9	11.6	18	12.4	May 28	12.24	Sept. 29	12.30	<u>1962</u>	
18	12.5	16	11.2	25	12.5	June 30	12.26	Oct. 31	12.30	Jan. 31	12.23
25	12.6	23	12.1	June 1	12.8	July 31	12.28	Nov. 30	13.22	Feb. 28	12.25
July 2	11.8	30	12.5	8	13.0	Aug. 31	12.29	Dec. 31	12.29	Mar. 31	12.23
9	12.9	July 7	12.4	15	14.1	Sept. 30	13.21	<u>1961</u>		Apr. 27	12.24
16	13.1	14	12.4	22	13.4	Oct. 31	13.20	Jan. 30	12.28	May 26	12.26
23	14.5	21	12.5	29	14.5	Nov. 30	12.20	Feb. 28	12.26	June 27	12.27
30	13.5	28	12.5	July 6	14.5	Dec. 30	12.28	Mar. 30	12.23	July 26	12.30
Aug. 6	13.7	Aug. 11	11.8	13	14.5	Jan. 30	12.25	Apr. 30	11.30	Aug. 27	13.22
13	13.3	18	11.8	20	15.6	Feb. 29	11.30	May 31	11.30	Sept. 26	12.54
20	13.4	25	11.8	27	14.1	Mar. 31	11.29	June 30	12.75	Oct. 30	11.90
27	12.6	Sept. 1	12.8	Aug. 3	14.4	Apr. 30	11.30	July 31	12.29	Nov. 29	11.61
Sept. 3	12.5	8	11.9	10	14.5	May 31	12.23	Sept. 30	13.21	Dec. 28	11.62
10	12.6	15	11.8	17	14.1	BARNSTABLE COUNTY (Continued)					
17	12.5	22	12.6	24	14.5	BRISTOL COUNTY					
24	12.5	29	12.5	31	14.6	FALL RIVER 67					
Oct. 1	12.5	Oct. 6	12.5	Sept. 7	13.7	FALL RIVER 67--Continued					
8	12.5	13	12.6	14	13.6	<u>1948</u>		<u>1949</u>		<u>1949</u>	

BRISTOL COUNTY

FALL RIVER 67						FALL RIVER 67--Continued					
<u>1948</u>		<u>1948</u>		<u>1948</u>		<u>1949</u>		<u>1949</u>		<u>1949</u>	
Apr. 27	8.30	Aug. 23	9.97	Dec. 13	9.46	Mar. 29	8.18	July 18	9.75	Nov. 15	11.90
May 3	8.63	30	9.99	20	8.95	Apr. 4	8.39	Aug. 1	9.69	28	11.89
10	8.95	Sept. 6	9.96	27	9.46	11	8.92	8	8.98	Dec. 6	11.59
17	8.31	13	9.97	<u>1949</u>		18	8.06	15	10.03	12	11.63
24	7.01	20	10.09	Jan. 3	9.93	25	7.99	22	10.17	19	11.73
31	6.99	27	10.26	10	9.00	May 2	8.32	29	10.48	27	11.61
June 7	6.42	Oct. 4	10.52	17	8.67	9	8.67	Sept. 5	10.74	<u>1950</u>	
14	7.69	11	10.72	25	8.94	16	8.00	11	11.15	Jan. 3	11.22
21	7.99	18	10.96	31	8.19	23	9.08	17	11.37	9	11.13
28	8.68	25	10.67	Feb. 7	8.06	30	9.55	26	11.55	16	10.44
July 12	8.97	Nov. 1	10.19	14	8.96	June 6	9.93	Oct. 3	11.57	23	10.18
19	8.25	8	10.35	21	8.61	13	9.40	10	11.85	30	9.89
26	9.22	15	9.96	28	8.24	20	9.47	17	12.14	Feb. 6	9.44
Aug. 2	9.16	22	8.99	Mar. 7	8.09	27	9.46	24	11.89	20	8.83
9	9.45	29	9.47	14	7.98	July 4	8.68	31	11.90	27	8.85
16	9.57	Dec. 6	9.39	21	8.89	11	9.20	Nov. 7	11.88	Mar. 6	9.05

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued
BRISTOL COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
FALL RIVER 67--Continued						FALL RIVER 67--Continued					
<u>1950</u>		<u>1951</u>		<u>1952</u>		<u>1954</u>		<u>1955</u>		<u>1956</u>	
Mar. 13	9.14	June 25	8.68	Oct. 6	8.47	Jan. 17	8.91	May 2	7.99	Aug. 12	8.92
20	9.20	July 2	8.77	13	8.84	24	7.99	9	7.99	20	9.05
27	8.76	9	8.88	20	10.00	Feb. 1	7.99	16	8.05	27	9.07
Apr. 3	8.57	16	9.87	27	9.14	8	7.82	23	8.20	Sept. 4	9.33
10	8.59	23	9.87	Nov. 3	9.35	15	7.99	30	8.29	10	9.38
17	8.68	30	9.04	10	9.53	22	8.03	June 6	8.43	17	9.45
24	8.73	Aug. 6	10.07	17	9.79	Mar. 1	7.90	13	8.55	24	9.64
May 1	8.81	13	10.09	24	9.96	8	7.54	20	8.65	31	9.78
8	8.39	20	9.89	Dec. 1	9.14	15	7.48	27	8.76	Oct. 8	10.99
15	9.01	27	10.04	8	8.97	22	7.71	July 4	8.85	15	10.23
22	9.11	Sept. 3	10.38	15	9.96	29	7.64	11	8.86	22	10.39
29	9.21	10	10.58	22	9.48	Apr. 5	7.74	18	8.80	29	10.39
June 5	9.26	17	10.84	29	9.11	12	7.99	25	8.82	Nov. 5	10.43
12	9.29	24	11.09	<u>1953</u>		19	7.94	Aug. 1	8.49	12	10.63
19	9.33	Oct. 1	11.39	Jan. 5	9.04	26	7.96	8	8.99	19	10.54
26	9.44	8	11.74	12	7.63	May 3	7.82	15	8.84	26	9.79
July 3	9.59	15	11.88	19	8.01	10	6.74	22	8.29	Dec. 3	9.51
10	9.70	22	11.92	26	8.09	17	5.94	29	8.46	10	9.28
17	9.82	29	11.83	Feb. 2	8.22	26	6.60	Sept. 5	8.59	17	8.14
24	9.89	Nov. 5	10.44	9	7.35	31	7.31	12	8.73	24	8.43
31	9.48	12	8.88	16	7.47	June 7	7.71	19	8.68	31	8.41
Aug. 7	10.01	19	9.95	23	8.87	14	8.02	26	8.84	<u>1957</u>	
14	10.04	26	9.97	Mar. 2	7.10	21	8.24	Oct. 3	8.81	Jan. 7	8.27
21	10.18	Dec. 3	9.83	9	7.38	28	8.41	10	8.76	14	8.11
28	10.84	10	8.79	16	6.58	July 5	8.51	17	7.63	21	8.19
Sept. 5	10.57	17	9.78	23	5.70	12	8.66	24	8.02	28	8.02
11	10.76	24	8.86	30	5.80	19	8.78	31	8.19	Feb. 4	7.95
18	11.81	31	8.87	Apr. 6	6.89	26	8.81	Nov. 7	7.20	11	7.54
25	11.35	<u>1952</u>		13	5.79	Aug. 2	8.85	14	7.17	18	7.80
Oct. 2	11.75	Jan. 8	8.02	20	4.96	9	7.18	21	7.17	25	8.79
9	11.94	14	8.87	27	4.97	16	8.01	28	7.54	Mar. 4	8.02
16	11.75	21	8.86	May 4	7.37	23	8.13	Dec. 5	7.80	11	7.81
23	11.95	28	8.29	11	7.33	30	8.36	12	7.81	18	7.65
30	dry	Feb. 4	8.18	18	7.54	Sept. 7	8.46	19	8.17	25	7.24
Nov. 6	dry	11	8.19	25	7.81	13	6.94	26	8.35	Apr. 1	7.38
13	dry	18	8.06	June 1	7.89	20	7.92	<u>1956</u>		8	6.68
20	dry	25	8.89	8	8.19	27	7.96	Jan. 2	8.45	15	6.19
27	11.29	Mar. 3	8.19	15	8.45	Oct. 4	7.88	9	8.30	22	7.08
Dec. 3	11.89	10	7.85	22	8.62	11	8.91	16	8.19	29	7.63
11	10.03	17	5.85	29	8.71	18	8.26	23	8.13	May 6	7.98
18	10.05	24	7.33	July 6	8.74	25	8.43	30	8.04	14	8.11
25	10.12	31	7.76	13	8.92	Nov. 1	8.50	Feb. 6	7.64	20	8.06
<u>1951</u>		Apr. 7	7.21	20	9.93	8	8.40	13	7.24	27	7.62
Jan. 1	9.88	14	8.57	28	8.99	15	8.38	20	6.38	June 3	8.57
8	10.84	21	8.86	Aug. 3	8.97	22	8.37	27	7.30	10	8.67
15	8.80	30	8.85	10	9.01	28	8.22	Mar. 5	7.40	17	8.78
22	9.80	May 5	8.88	18	8.59	Dec. 5	8.18	12	6.65	24	8.92
29	9.30	12	8.89	24	8.79	13	8.08	19	6.68	July 1	8.91
Feb. 5	8.90	19	8.58	31	8.99	20	7.01	26	6.24	8	8.96
13	7.47	26	8.08	Sept. 7	9.02	27	8.44	Apr. 2	8.44	15	9.02
19	8.56	June 2	9.18	14	9.03	<u>1955</u>		9	8.37	22	10.24
26	7.49	9	8.18	21	9.01	Jan. 3	8.49	16	6.15	29	9.10
Mar. 5	7.61	16	8.08	28	9.19	10	8.89	23	7.15	Aug. 5	9.28
12	7.98	23	8.38	Oct. 5	9.35	17	7.47	30	7.61	12	9.09
19	7.56	30	8.49	12	9.62	24	8.00	May 7	7.50	19	9.38
26	7.18	July 7	8.68	20	9.79	31	8.12	14	7.95	26	9.58
Apr. 2	7.10	14	8.67	26	9.95	Feb. 2	8.25	21	8.22	Sept. 2	9.60
9	7.18	21	8.77	Nov. 2	8.96	14	8.09	28	8.27	8	10.24
16	7.61	28	9.89	9	8.59	21	7.89	June 4	8.38	16	10.51
23	7.98	Aug. 4	9.87	16	8.71	28	8.89	11	7.54	23	10.93
30	8.87	11	9.67	23	8.98	Mar. 7	7.58	18	8.36	30	dry
May 7	8.05	18	8.89	30	7.94	14	7.39	25	8.68	Oct. 7	dry
14	8.17	25	9.71	Dec. 7	7.98	21	7.59	July 2	8.72	14	dry
21	8.28	Sept. 1	8.43	14	6.86	28	7.30	9	8.71	21	dry
28	8.43	9	8.22	21	6.19	Apr. 4	7.45	16	8.95	28	dry
June 4	8.44	15	8.06	28	7.41	11	7.71	23	8.77	Nov. 4	dry
11	8.53	22	8.08	<u>1954</u>		18	7.97	30	8.92	11	dry
18	8.61	29	8.09	Jan. 11	6.98	25	8.09	Aug. 6	8.98	18	dry

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued
BRISTOL COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
FALL RIVER 67--Continued						FALL RIVER 67--Continued					
<u>1957</u>		<u>1958</u>		<u>1959</u>		<u>1959</u>		<u>1960</u>		<u>1961</u>	
Nov. 25	dry	July 7	8.19	Feb. 16	8.15	Oct. 5	9.31	May 23	8.15	Jan. 2	7.75
Dec. 2	dry	14	8.33	23	8.26	12	9.42	31	8.18	9	7.78
8	dry	21	8.51	Mar. 2	8.03	19	9.57	June 6	8.28	16	7.80
16	10.15	28	8.60	9	7.60	26	9.66	13	8.35	23	7.98
23	10.33	Aug. 4	8.58	16	6.80	Nov. 2	9.69	20	8.47	30	8.25
30	9.05	11	8.68	23	6.54	9	9.66	27	8.53	Feb. 6	8.30
<u>1958</u>		18	8.64	30	6.86	16	9.61	July 4	8.59	13	8.45
Jan. 6	8.94	26	8.66	Apr. 6	6.25	23	9.51	11	8.68	20	7.07
13	8.46	Sept. 1	8.09	13	6.55	30	8.95	18	8.72	27	6.50
20	7.98	8	8.14	19	7.15	Dec. 7	8.97	26	8.85	Mar. 6	6.65
27	7.09	15	8.26	27	7.44	14	8.05	Aug. 1	8.86	30	7.24
Feb. 3	6.95	22	8.36	May 4	7.64	21	8.45	8	8.89	Apr. 30	6.98
10	7.33	29	8.12	11	7.76	28	8.49	15	9.02	May 29	6.97
19	7.09	Oct. 6	8.19	18	8.01	<u>1960</u>		22	9.06	June 30	8.28
24	7.46	13	8.30	25	8.15	Jan. 4	8.27	29	9.20	Aug. 7	8.65
Mar. 2	7.32	20	8.32	June 1	8.13	11	8.22	Sept. 6	9.39	29	9.02
10	7.26	27	8.40	8	8.21	18	8.15	12	9.53	Sept. 29	8.05
17	7.09	Nov. 3	8.40	15	8.17	25	8.25	19	9.59	Oct. 30	8.38
24	5.78	10	8.44	22	8.11	Feb. 1	8.19	26	8.78	Nov. 30	8.38
31	5.44	17	8.38	29	8.09	8	8.15	Oct. 3	8.79	Dec. 29	7.80
Apr. 7	4.77	24	8.40	July 6	8.19	15	7.98	10	8.84	<u>1962</u>	
14	4.66	Dec. 1	8.17	13	8.18	22	6.56	17	8.95	Jan. 31	7.90
21	5.83	8	8.22	20	7.92	29	6.01	24	8.95	Feb. 27	7.65
28	6.96	15	8.30	27	8.10	Mar. 7	6.03	31	8.97	Mar. 29	7.39
May 5	6.50	22	8.35	Aug. 3	8.21	14	6.45	Nov. 7	8.64	Apr. 24	7.70
12	5.95	29	8.40	10	8.37	21	7.09	14	8.68	May 27	7.73
19	6.41	<u>1959</u>		17	8.50	28	7.01	21	8.67	June 27	8.65
26	6.56	Jan. 5	8.45	24	8.66	Apr. 4	7.01	28	8.66	July 28	8.99
June 2	6.96	12	8.57	31	8.76	11	5.22	Dec. 5	8.73	Aug. 28	9.40
9	7.29	19	8.60	Sept. 7	8.81	18	6.52	12	8.75	Sept. 27	9.77
16	7.60	26	8.64	14	8.91	25	7.40	19	8.40	Oct. 27	8.61
23	7.85	Feb. 2	8.65	21	8.96	May 10	7.90	26	8.02	Nov. 27	8.61
30	7.79	9	8.65	28	9.03	16	8.05			Dec. 27	8.19

PLYMOUTH COUNTY

MARION 14						MATTAPOISETT 70 (Daily maximum readings from recorder graph)					
<u>1959</u>		<u>1960</u>		<u>1960</u>		<u>1959</u>		<u>1959</u>		<u>1959</u>	
Sept. 3	4.09	June 20	3.28	Sept. 6	5.10	July 1	2.28	Aug. 1	2.53	Sept. 1	3.59
16	4.50	28	3.63	13	4.35	2	1.88	2	2.77	2	3.69
<u>1960</u>		July 5	3.02	Oct. 2	3.44	3	2.07	3	2.99	3	3.77
Jan. 5	1.67	11	3.71	28	3.09	4	2.25	4	3.20	4	3.88
Feb. 2	2.31	18	3.35	Nov. 30	3.05	5	2.42	5	3.11	5	3.98
16	1.55	25	3.95	Dec. 27	1.63	6	2.50	6	3.08	6	4.13
Mar. 15	2.39	Aug. 2	4.19	<u>1961</u>		8	2.77	7	3.29	7	4.26
Apr. 13	1.33	8	4.42	Jan. 30	2.57	9	2.88	8	3.43	8	4.38
May 10	2.38	15	4.45	Feb. 27	.69	10	2.69	9	2.61	9	4.49
June 8	2.76	22	4.70	Apr. 3	1.02	11	1.76	10	2.47	10	4.56
15	3.12	29	4.96			12	1.77	11	2.61	11	4.61
MARION 18						13	1.94	12	2.80	12	4.66
<u>1959</u>		<u>1960</u>		<u>1960</u>		14	1.72	13	3.04	13	4.72
Sept. 4	16.14	June 8	14.83	Aug. 22	17.17	15	1.41	14	3.21	14	4.78
16	16.97	15	15.11	29	17.34	20	2.21	15	3.41	15	4.63
<u>1960</u>		20	15.35	Sept. 6	Damp	21	2.22	16	3.57	16	4.12
Jan. 5	13.71	28	15.78	13	Damp	22	2.28	17	3.69	17	4.12
Feb. 2	14.20	July 5	15.84	Oct. 28	16.30	23	2.32	18	3.77	18	4.23
16	13.38	11	16.03	Nov. 30	16.14	24	2.39	19	3.81	19	4.34
Mar. 1	12.55	18	16.15	Dec. 27	13.78	25	2.46	25	4.08	20	4.43
15	13.79	25	15.96	<u>1961</u>		26	2.60	26	4.21	21	4.53
29	13.22	Aug. 2	16.66	Jan. 30	14.69	27	2.72	27	4.36	22	4.62
Apr. 13	11.20	8	16.77	Feb. 27	12.18	28	2.94	28	4.43	23	4.71
May 10	13.70	15	16.96	Apr. 3	12.16	29	2.96	29	4.15	24	4.80
						30	3.04	30	3.64	25	4.87
						31	3.04	31	3.47	26	4.92

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued

PLYMOUTH COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
MATTAPoisETT 70--Continued (Daily maximum readings from recorder graph)						MATTAPoisETT 70--Continued (Daily maximum readings from recorder graph)					
1959		1959		1960		1960		1960		1960	
Sept. 27	4.98	Dec. 13	1.42	Apr. 28	2.17	July 30	4.00	Sept. 29	2.96	Nov. 22	2.39
28	5.02	14	1.84	29	2.24	31	3.97	30	2.43	23	2.44
29	5.08	15	2.00	30	2.37	1	4.15	1	2.48	24	2.49
30	5.10	16	2.06	May 1	1.86	2	4.33	2	2.77	25	2.49
Oct. 1	4.94	22	2.28	2	1.90	3	4.40	3	2.88	26	2.51
2	4.89	23	2.29	3	2.11	4	4.38	4	3.01	27	2.51
3	4.89	24	2.34	10	2.28	5	4.50	5	3.08	28	2.52
4	4.85	25	2.32	11	2.11	6	4.55	6	2.97	29	2.12
5	4.94	26	2.16	12	2.14	7	4.62	7	2.98	30	2.10
6	5.04	27	2.18	13	2.10	8	4.37	8	3.14	Dec. 1	2.28
7	5.00	28	1.86	14	2.12	9	4.35	9	3.21	2	2.39
8	4.99	29	1.66	15	2.22	10	4.36	10	3.27	3	2.42
9	4.06	30	1.94	16	2.30	11	4.25	11	3.29	4	2.43
10	4.03	1960		17	2.43	12	4.26	12	3.38	5	2.44
11	4.10	Jan. 3	1.56	18	2.53	13	4.35	13	3.46	6	2.41
12	4.16	5	2.07	23	2.68	14	4.45	14	3.50	7	2.41
13	4.28	6	2.10	June 7	2.34	15	4.55	15	3.50	8	2.47
14	4.12	7	2.16	8	2.52	16	4.62	16	3.49	27	2.12
15	4.12	8	2.17	9	2.68	17	4.71	17	3.46	28	2.22
16	4.19	9	2.20	10	2.83	18	4.79	18	3.47	29	1.85
17	4.28	10	2.30	11	2.92	19	4.68	19	3.52	30	1.85
18	4.34	11	2.30	12	2.84	20	4.64	20	2.44	31	2.12
19	4.42	12	2.30	13	2.78	21	4.70	21	2.48	1961	
20	4.50	13	2.29	14	2.98	22	4.80	22	2.74	Jan. 1	1.77
21	4.56	Feb. 2	2.20	15	3.02	23	4.88	23	2.87	2	2.06
22	4.59	3	2.22	16	2.98	24	4.94	24	2.01	3	2.14
23	4.61	4	2.26	17	3.11	25	5.02	25	2.05	4	2.19
24	3.31	5	2.24	18	2.90	26	5.12	26	2.29	5	2.30
25	2.14	6	1.64	19	3.01	27	5.16	27	2.42	6	2.27
26	2.28	7	1.96	20	3.22	28	5.22	28	2.49	7	2.24
27	2.28	8	2.06	21	3.36	29	5.27	29	2.57	8	2.23
28	2.31	9	2.04	22	3.54	30	4.85	30	2.67	9	2.27
29	2.59	10	2.08	23	3.67	31	4.44	31	2.69	10	2.32
30	2.79	16	2.09	24	3.37	Sept. 1	4.42	Nov. 1	1.96	11	2.32
31	2.24	17	2.11	25	3.35	2	4.46	2	1.41	12	2.35
Nov. 1	2.23	18	1.90	26	3.55	3	4.58	3	1.95	13	2.40
2	2.29	19	1.37	27	3.83	4	4.67	4	2.12	14	2.27
3	2.44	20	1.90	28	4.12	5	4.76	5	2.24	15	1.98
4	2.60	21	2.01	29	4.20	6	4.86	6	2.31	16	1.76
5	2.62	22	2.05	30	3.88	7	4.96	7	2.38	17	2.07
6	2.60	23	2.09	July 1	3.92	8	5.06	8	2.46	18	2.13
7	2.40	24	2.14	2	2.42	9	5.15	9	2.49	19	2.17
8	2.13	Mar. 1	2.10	3	2.53	10	5.25	10	2.0	Feb. 27	1.95
9	2.19	2	2.31	4	2.42	11	5.34	11	2.09	28	1.97
10	2.34	3	2.30	5	2.74	12	3.96	12	2.23	Mar. 1	1.98
11	2.46	4	2.28	6	3.04	13	3.72	13	2.30	2	1.83
12	2.53	5	2.32	7	3.24	14	3.76	14	2.35	3	1.93
13	2.61	6	2.33	8	3.42	15	3.94	15	2.39	4	1.99
16	2.70	7	2.31	9	3.63	16	4.10	16	2.37	5	1.98
17	2.32	8	2.30	10	3.81	17	4.21	17	2.39	6	1.89
18	2.47	9	2.30	11	3.94	18	4.30	18	2.47	7	1.91
19	2.58	15	2.13	12	4.09	19	4.15	19	2.15	8	2.00
20	2.32	16	1.99	13	4.20	20	1.40	20	2.26	9	1.66
21	2.40	17	1.83	14	2.54	21	1.84	21	2.35	10	1.93
24	1.70	18	1.84	15	2.47	28	2.93				
25	1.41	19	1.82	16	2.76						
26	1.80	29	2.06	17	3.08						
27	2.00	30	2.02	18	3.26						
28	1.50	31	1.90	19	3.40						
29	1.67	Apr. 1	1.91	20	3.51						
30	1.88	2	2.04	21	3.69						
Dec. 1	2.03	3	1.90	22	3.91						
2	2.12	4	1.66	23	4.18						
8	2.13	5	1.36	24	4.19						
9	2.16	6	1.72	25	4.34						
10	2.21	13	2.20	27	4.45						
11	2.26	26	2.14	28	4.25						
12	1.51	27	2.14	29	4.23						
						MATTAPoisETT 71 (Daily maximum readings from recorder graph)					
						1959		1959		1959	
						June 24	8.47	July 3	8.11	July 12	7.93
						25	8.44	4	8.14	13	7.81
						26	8.41	5	8.10	14	7.77
						27	8.40	6	8.02	15	7.77
						28	8.35	7	7.97	16	7.80
						29	8.32	8	7.95	17	7.95
						30	8.14	9	8.17	20	7.12
						July 1	8.10	10	8.23	21	7.15
						2	8.10	11	8.06	22	7.22

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued
PLYMOUTH COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
MATTAPANSETT 71--Continued (Daily maximum readings from recorder graph)						MATTAPANSETT 71--Continued (Daily maximum readings from recorder graph)					
1959		1959		1959		1960		1960		1960	
July 23	7.22	Oct. 2	9.87	Dec. 15	5.94	Apr. 18	5.07	July 21	8.01	Oct. 4	7.57
24	7.24	3	9.89	22	6.31	19	5.26	22	8.03	5	7.55
25	7.26	4	9.92	23	6.31	20	5.37	23	8.05	6	7.50
26	7.24	5	9.94	24	6.35	21	5.48	24	8.07	7	7.48
27	7.32	6	9.96	25	6.33	26	5.56	25	8.11	8	7.47
28	7.46	7	9.98	26	6.28	27	5.56	26	8.16	9	7.46
29	7.53	8	9.97	27	6.26	28	5.64	27	8.21	10	7.64
30	7.60	9	9.95	28	5.94	29	5.73	28	8.22	11	7.80
31	7.65	10	9.95	29	5.76	30	5.83	29	8.19	12	7.96
Aug. 4	7.80	11	9.98	1960		May 1	5.59	30	8.24	13	8.08
5	7.85	12	10.01	Jan. 3	5.51	2	5.56	31	8.21	14	8.16
6	7.89	13	10.03	5	5.61	3	5.75	Aug. 1	8.25	15	8.22
7	7.95	14	10.08	6	5.59	4	5.92	2	8.28	16	8.28
8	8.02	15	10.10	7	5.66	10	6.28	3	8.28	17	8.32
9	8.09	16	10.12	8	5.74	11	6.22	4	8.30	18	8.36
10	8.10	17	10.15	9	5.89	12	6.17	5	8.29	19	8.43
11	8.12	18	10.19	11	5.91	13	6.25	6	8.38	20	8.42
12	8.16	19	10.23	12	6.06	14	6.28	7	8.41	21	8.37
13	8.22	20	10.26	Feb. 2	6.04	15	6.34	8	8.42	22	8.40
14	8.27	21	10.29	3	6.04	16	6.34	9	8.44	23	8.44
15	8.33	22	10.33	4	6.12	17	6.45	10	8.46	24	8.26
16	8.41	23	10.36	5	6.15	18	6.52	11	8.50	25	8.08
17	8.45	24	10.30	6	5.69	23	6.88	12	8.56	26	7.90
18	8.50	25	9.91	7	5.63	24	6.70	13	8.60	27	7.76
19	8.54	26	9.79	8	5.63	June 7	6.48	14	8.63	28	7.70
20	8.59	27	9.74	9	5.74	8	6.54	15	8.65	29	7.66
21	8.62	28	9.72	10	5.78	9	6.64	16	8.65	30	7.66
22	8.65	29	9.73	16	5.14	10	6.71	17	8.65	31	7.65
23	8.69	30	9.77	17	5.12	11	6.77	18	8.65	Nov. 3	7.13
24	8.72	31	9.81	18	5.18	12	6.81	19	8.68	4	7.26
25	8.76	Nov. 1	9.93	19	4.61	13	6.82	20	8.67	5	7.26
26	8.79	2	9.98	20	4.61	14	6.88	21	8.66	6	7.20
27	8.84	3	10.02	21	4.67	15	6.96	22	8.66	7	7.19
28	8.88	4	10.07	22	4.72	16	7.02	23	8.67	8	7.18
29	8.92	5	10.10	23	4.82	17	7.08	24	8.73	9	7.16
30	8.89	6	10.13	24	4.96	18	7.12	25	8.74	10	7.08
31	8.91	7	10.19	Mar. 1	4.96	19	7.16	26	8.79	11	7.18
Sept. 1	8.94	8	10.25	2	4.99	20	7.20	27	8.80	12	7.15
2	8.97	9	10.19	3	5.03	21	7.39	28	8.86	13	7.31
3	9.00	10	10.14	4	5.00	22	7.53	29	8.93	15	7.48
4	9.01	11	10.12	5	5.23	23	7.66	30	8.83	16	7.66
5	9.02	12	10.09	6	5.27	24	7.77	31	8.78	17	7.74
6	9.05	13	10.08?	7	5.33	25	7.80	Sept. 1	8.82	18	7.82
7	9.09	14	10.07?	8	5.32	26	7.88	2	8.88	19	7.94
8	9.15	15	10.06	9	5.33	27	7.99	3	8.97	20	7.99
9	9.18	16	10.06	15	5.69	28	8.11	4	9.01	21	8.04
10	9.21	17	9.96	16	5.61	29	8.19	5	9.06	22	8.10
11	9.22	18	9.73	17	5.46	30	8.21	6	9.12	23	8.17
12	9.26	19	9.59	18	5.33	July 1	8.25	7	9.15	24	8.22
13	9.31	20	9.55	19	5.11	2	7.90	8	9.18	25	8.21
14	9.37	21	9.41	20	4.92	3	7.81	9	9.23	26	8.25
15	9.40	22	9.21	21	4.92	4	7.77	10	9.28	27	8.28
16	9.24	23	9.11	22	4.69	5	7.73	11	9.33	28	8.30
17	9.28	24	8.98	23	5.11	6	7.77	12	9.38	29	8.33
18	9.36	25	8.34	29	5.21	7	7.81	13	8.80	30	8.28
19	9.45	26	7.92	30	5.00	8	7.87	14	8.81	Dec. 1	8.29
20	9.51	27	7.78	31	4.96	9	7.92	15	8.88	2	8.33
21	9.56	28	7.48	Apr. 1	5.08	10	7.99	16	8.95	3	8.36
22	9.60	29	7.12	2	5.18	11	8.01	17	9.02	4	8.39
23	9.65	30	7.03	3	5.20	12	8.05	18	9.08	5	8.42
24	9.68	Dec. 1	6.98	4	4.90	13	8.10	19	9.12	6	8.46
25	9.72	8	6.87	5	3.66	14	7.88	20	8.28	7	8.48
26	9.74	9	6.82	6	3.65	15	7.78	28	7.89	8	8.52
27	9.72	10	6.89	13	4.68	16	7.80	29	7.80	9	8.57
28	9.81	11	6.91	14	4.74	17	7.86	30	7.71	10	8.62
29	9.83	12	6.58	15	4.82	18	7.90	Oct. 1	7.66	11	8.68
30	9.85	13	6.04	16	5.01	19	7.93	2	7.61	12	8.71
Oct. 1	9.87	14	5.99	17	5.00	20	7.95	3	7.56	13	8.76

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued

PLYMOUTH COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level
MATTAPoisETT 71--Continued (Daily maximum readings from recorder graph)					
<u>1960</u>		<u>1961</u>		<u>1961</u>	
Dec. 14	8.76	Jan. 3	7.05	Mar. 7	4.91
15	8.85	4	7.11	8	5.15
16	8.33	5	7.20	9	4.88
17	8.00	6	7.28	10	4.95
18	7.91	7	7.22	11	5.29
19	7.85	8	6.98	12	5.49
20	7.82	9	6.92	13	5.59
21	7.27	30	6.73	14	4.89
22	7.02	31	6.67	15	4.87
23	7.03	Feb. 1	6.80	16	4.95
24	7.08	2	6.84	17	5.10
25	7.14	3	6.88	18	5.37
26	7.19	4	6.92	19	5.75
27	7.22	27	4.49	20	6.00
28	7.29	28	4.54	21	5.77
29	7.31	Mar. 1	4.66	22	5.73
30	7.23	2	4.66	23	5.66
31	7.30	3	4.68	24	5.49
<u>1961</u>		4	4.84	25	5.52
Jan. 1	7.06	5	4.91	26	5.54
2	7.03	6	4.98		

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<u>1959</u>		<u>1960</u>		<u>1960</u>	
July 9	8.00	Mar. 15	6.20	Aug. 18	9.34
Sept. 17	9.10	29	5.73	25	9.54
29	9.42	Apr. 26	5.66	31	9.70
Oct. 13	9.30	May 23	6.77	Sept. 28	8.44
29	8.50	June 6	7.01	Oct. 6	8.70
Nov. 5	8.58	14	7.46	12	8.95
16	8.53	20	7.72	20	9.20
24	8.61	27	8.00	28	8.65
Dec. 8	7.30	July 5	7.98	Nov. 30	8.59
<u>1960</u>		11	8.33	Dec. 27	7.40
Jan. 5	6.27	18	8.34	<u>1961</u>	
Feb. 2	6.66	20	8.48	Jan. 30	7.66
16	6.04	Aug. 3	8.94	Feb. 27	6.68
Mar. 1	5.61	11	9.18	Apr. 3	5.79

MIDDLEBOROUGH 65

<u>1959</u>		<u>1960</u>		<u>1960</u>	
July 23	17.80	May 10	16.97	Aug. 31	22.27
Sept. 17	21.48	June 6	18.70	Sept. 28	21.33
29	21.94	14	19.27	Oct. 5	20.92
Nov. 24	20.73	20	19.66	12	20.82
Dec. 8	18.85	27	20.09	20	20.94
<u>1960</u>		July 5	20.33	28	20.77
Jan. 5	16.88	11	20.53	Nov. 30	19.71
Feb. 2	17.13	18	20.70	Dec. 27	17.97
16	16.57	20	20.74	<u>1961</u>	
Mar. 1	14.30	Aug. 3	21.29	Jan. 30	17.35
15	16.05	11	21.59	Feb. 27	14.40
29	15.90	18	21.79	Apr. 3	15.00
Apr. 13	13.35	26	22.07		

PLYMOUTH 22

<u>1956</u>		<u>1957</u>		<u>1957</u>	
Nov. 5	24.82	Apr. 3	23.74	Oct. 28	25.96
30	25.26	29	22.62	Dec. 3	26.44
<u>1957</u>		May 31	22.98	30	26.64
Jan. 2	24.69	July 9	23.78	<u>1958</u>	
Feb. 1	24.05	Aug. 2	24.20	Feb. 3	24.94
Mar. 4	23.76	Oct. 2	25.48	24	24.05

PLYMOUTH 22--Continued

<u>1958</u>		<u>1959</u>		<u>1961</u>	
Mar. 24	23.41	Nov. 28	25.07	Apr. 30	23.90
May 1	20.94	Dec. 23	24.99	May 31	23.00
26	19.82	<u>1960</u>		July 1	22.98
June 30	20.06	Feb. 2	24.18	Aug. 4	23.94
July 29	20.60	Mar. 1	23.88	Sept. 1	24.89
Sept. 2	21.29	29	23.34	30	24.94
Oct. 28	22.61	Apr. 26	22.28	Nov. 1	24.95
Dec. 1	22.75	June 8	22.98	30	24.93
29	23.16	28	23.38	<u>1962</u>	
<u>1959</u>		July 30	23.88	Jan. 31	23.94
Jan. 27	23.38	Aug. 31	24.96	Apr. 1	23.92
Mar. 2	23.20	Oct. 1	24.9	26	23.90
30	22.5	31	25.03	May 27	23.04
Apr. 27	22.2	Nov. 30	25.9	June 28	24.00
June 1	22.44	Dec. 31	25.98	July 29	24.95
30	22.85	<u>1961</u>		Aug. 27	25.00
July 27	22.99	Jan. 31	25.96	Sept. 28	25.59
Sept. 1	23.34	Mar. 1	24.98	Oct. 30	24.21
Oct. 1	24.15	31	24.92	Dec. 28	25.5
27	24.63				

PLYMOUTH 27

<u>1959</u>		<u>1960</u>		<u>1960</u>	
Aug. 26	11.27	June 15	10.93	Aug. 29	11.54
Sept. 16	11.37	20	11.02	Sept. 5	11.47
Oct. 1	10.70	28	10.98	14	11.30
<u>1960</u>		July 5	10.99	19	11.20
Jan. 5	8.35	11	11.05	Oct. 21	11.03
Feb. 2	8.59	18	11.07	28	11.06
16	8.31	27	11.24	Nov. 30	11.29
Mar. 1	8.07	Aug. 2	11.25	<u>1961</u>	
Apr. 13	9.85	8	11.29	Feb. 27	9.89
May 10	10.47	15	11.38	Apr. 3	9.84
June 6	10.88	22	11.47		

PLYMOUTH 29

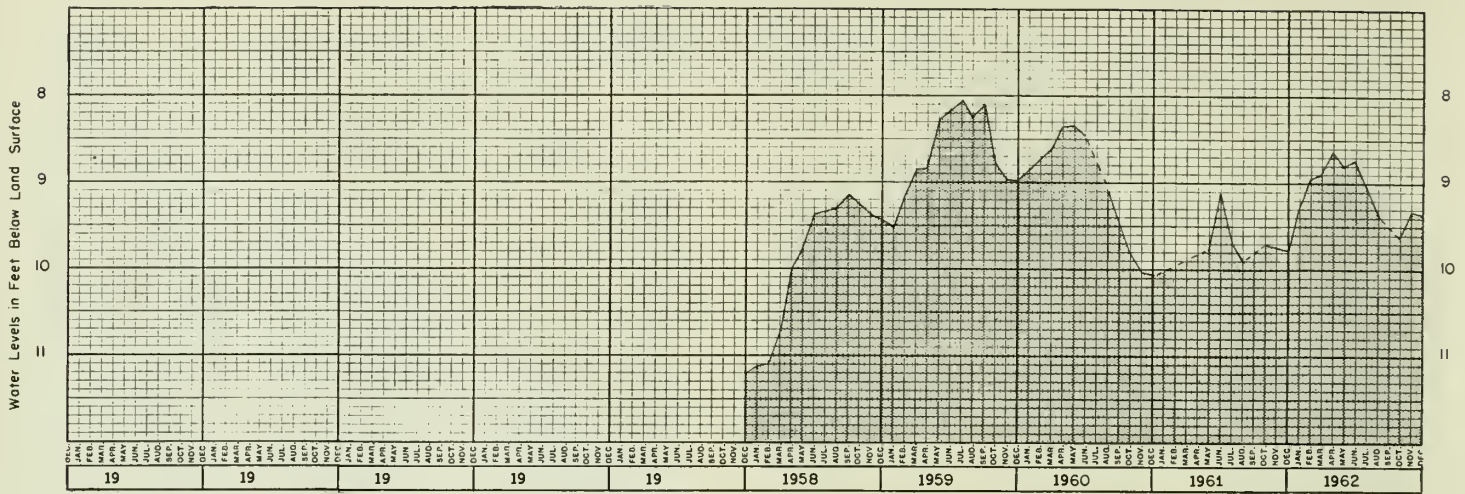
<u>1960</u>		<u>1960</u>		<u>1960</u>	
Jan. 5	25.02	June 28	23.74	Aug. 29	24.07
Feb. 2	25.18	July 5	23.54	Sept. 5	24.14
16	25.18	11	23.60	14	24.25
Mar. 1	25.06	18	23.66	19	24.31
Apr. 13	24.55	27	23.65	Oct. 21	23.84
May 10	24.07	Aug. 2	23.80	28	24.64
June 6	23.67	8	23.85	Nov. 30	24.97
15	23.65	15	23.93	<u>1961</u>	
20	23.67	22	24.00	Apr. 3	25.27

ROCHESTER 78

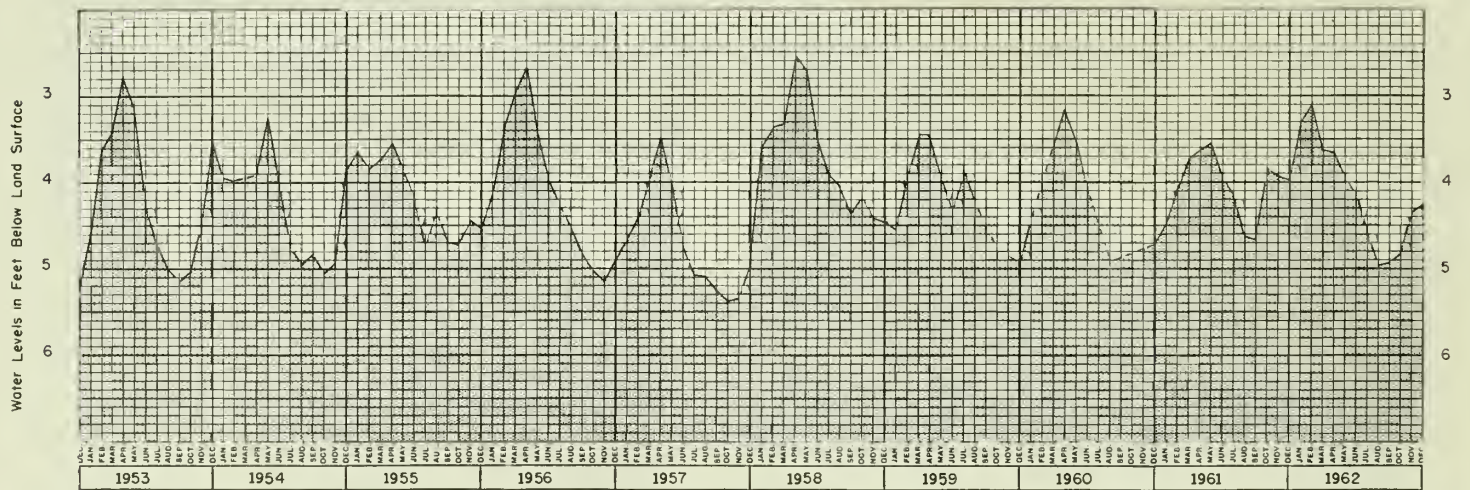
<u>1958</u>		<u>1959</u>		<u>1960</u>	
Aug. 19	12.31	Nov. 24	14.14	July 18	12.83
Dec. 4	13.05	Dec. 1	13.54	20	12.93
31	13.00	8	13.45	Aug. 2	13.27
<u>1959</u>		<u>1960</u>		3	13.30
Jan. 27	12.71	Jan. 5	12.51	11	13.52
31	12.72	Feb. 2	12.11	18	13.71
Feb. 28	12.16	16	11.77	26	13.94
Mar. 31	10.36	Mar. 1	10.98	31	14.10
Apr. 30	11.27	29	10.82	Sept. 28	13.92
May 30	11.00	Apr. 13	9.80	30	13.93
June 30	11.37	26	10.13	Oct. 5	13.98
July 31	11.57	May 10	10.62	12	14.12
Sept. 1	12.54	23	11.00	20	14.20
17	13.05	June 6	11.37	28	14.24
29	13.41	14	11.66	Nov. 30	14.02
30	13.36	20	11.88	Dec. 27	13.47
Oct. 13	13.74	27	12.15	<u>1961</u>	
31	13.83	July 5	12.34	Feb. 27	12.00
Nov. 5	13.96	11	12.58	Apr. 3	10.71
16	14.08				

Table 4.--Water levels in observation wells in southeastern Massachusetts--Continued
PLYMOUTH COUNTY (Continued)

Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level
ROCHESTER 80						WAREHAM 51					
<u>1959</u>		<u>1959</u>		<u>1960</u>		<u>1959</u>		<u>1960</u>		<u>1960</u>	
June 30	3.89	Nov. 24	9.03	July 29	10.08	July 16	6.59	July 5	7.20	Dec. 27	7.83
July 8	5.29	Dec. 8	4.77	Aug. 3	10.60	Sept. 16	7.62	12	7.36	<u>1961</u>	
14	4.50	<u>1960</u>		11	11.38	<u>1960</u>		18	7.45	Jan. 30	7.64
20	3.63	Jan. 5	1.97	18	11.94	Jan. 5	7.18	27	7.66	Feb. 27	7.08
24	4.23	Feb. 2	2.64	26	12.55	Feb. 2	7.06	Aug. 2	7.78	Apr. 3	5.95
28	5.04	16	1.57	31	12.93	16	6.90	8	7.90	May 2	5.65
Aug. 4	5.90	Mar. 1	1.68	Sept. 6	13.4	Mar. 1	6.34	15	8.16	June 1	5.10
11	6.37	15	2.89	13	dry	15	6.54	22	8.24	Aug. 30	7.87
18	7.31	29	1.18	28	12.08	29	6.10	29	8.41	Nov. 1	7.06
25	8.36	Apr. 13	1.81	30	11.76	Apr. 13	5.15	Sept. 5	8.59	Dec. 8	7.17
Sept. 1	8.86	26	2.50	Oct. 5	11.35	May 10	6.00	14	8.79	30	7.45
8	9.58	May 10	3.64	12	11.15	23	6.28	19	8.87	<u>1962</u>	
15	10.28	23	4.73	20	11.34	June 6	6.55	Oct. 21	8.78	Oct. 30	8.22
21	10.84	June 6	6.14	28	11.12	15	6.76	28	8.86	Nov. 29	8.56
29	11.51	14	6.37	Nov. 30	8.36	20	6.87	Nov. 30	8.74	Dec. 28	7.39
Oct. 5	11.96	20	7.01	Dec. 27	4.30	28	7.08				
13	12.42	27	7.81	<u>1961</u>							
22	12.72	July 5	7.92	Jan. 30	4.09						
29	12.00	11	9.54	Feb. 27	1.19						
Nov. 5	10.65	18	9.04	Apr. 3	1.48						
16	9.49	25	9.73								
ROCHESTER 83						WAREHAM 62					
<u>1959</u>		<u>1960</u>		<u>1960</u>		<u>1960</u>		<u>1960</u>		<u>1960</u>	
July 15	6.30	Mar. 29	7.31	Aug. 26	10.14	Jan. 5	12.98	June 20	11.04	Aug. 28	11.68
Sept. 17	9.81	Apr. 13	7.16	31	10.48	Feb. 2	11.38	28	11.15	Sept. 5	11.75
29	9.30	May 10	8.25	Sept. 28	8.82	16	11.27	July 5	11.19	14	11.79
Oct. 13	9.50	June 6	8.93	30	8.82	Mar. 1	10.90	12	11.30	19	11.86
29	8.22	14	9.06	Oct. 5	9.10	29	10.95	19	11.37	Oct. 21	11.73
Nov. 5	8.55	20	9.22	12	9.39	Apr. 13	10.23	27	11.44	28	11.76
16	8.77	27	9.38	20	9.77	May 10	10.52	Aug. 2	11.50	Nov. 30	11.77
24	8.78	July 5	9.00	28	9.90	23	10.68	8	11.58	Dec. 27	11.32
Dec. 8	7.68	11	9.46	Nov. 30	8.79	June 8	10.84	15	11.53	<u>1961</u>	
<u>1960</u>		18	9.19	Dec. 27	6.99	15	10.95	22	11.60	Apr. 3	10.54
Jan. 5	6.91	20	9.48	<u>1961</u>							
Feb. 2	7.72	Aug. 3	9.70	Jan. 30	7.48						
16	6.93	11	9.92	Feb. 27	6.65						
Mar. 1	7.00	18	10.13	Apr. 3	7.06						
15	7.67										



Falmouth 5



Truro 1

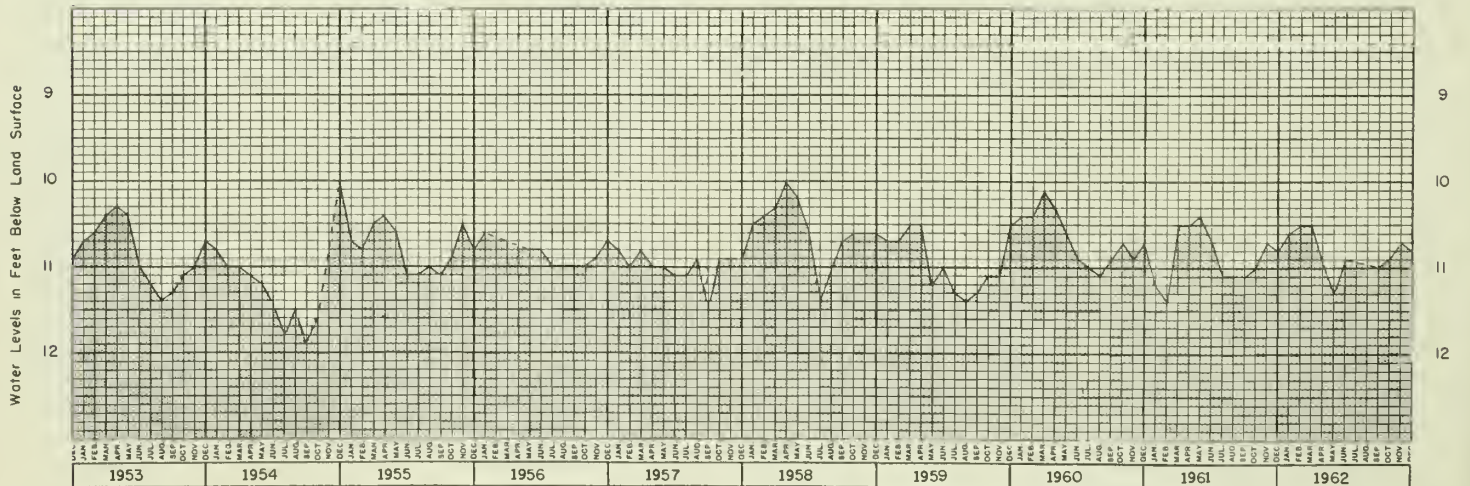


Figure 2 -- Hydrographs, showing fluctuations of water levels in three observation wells in southeastern Massachusetts

Table 5.--List of available basic-data reports, ground-water series,
for Maine, Massachusetts, and New Hampshire 1/

MAINE

1. Southwestern Area, by Glenn C. Prescott, Jr. and Janet A. Drake, 1962, 35 p., 2 figs. Covers an area of about 800 square miles in York County.

MASSACHUSETTS

1. Wilmington-Reading Area, by John A. Baker and Edward A. Sammel, 1961, 50 p., 2 figs. Covers an area of about 43 square miles 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 square miles 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 square miles 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 square miles in northeastern Massachusetts.
5. Brockton-Pembroke Area, by Richard G. Petersen, 1962, 46 p., 2 figs. Covers an area of about 112 square miles 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 square miles 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 square miles and includes all of Barnstable, Bristol, Dukes, Nantucket, and Plymouth Counties (exclusive of the Brockton-Pembroke area).

NEW HAMPSHIRE

1. Southeastern Area, by Edward Bradley and Richard G. Petersen, 1962, 53 p., 5 figs. Covers an area of about 390 square miles in parts of Rockingham and Strafford Counties.

1/ These reports are available, free of charge, at the U. S. Geological Survey, Ground Water Branch, 211 Congress Street, Room 206, Boston 10, Massachusetts.

