

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

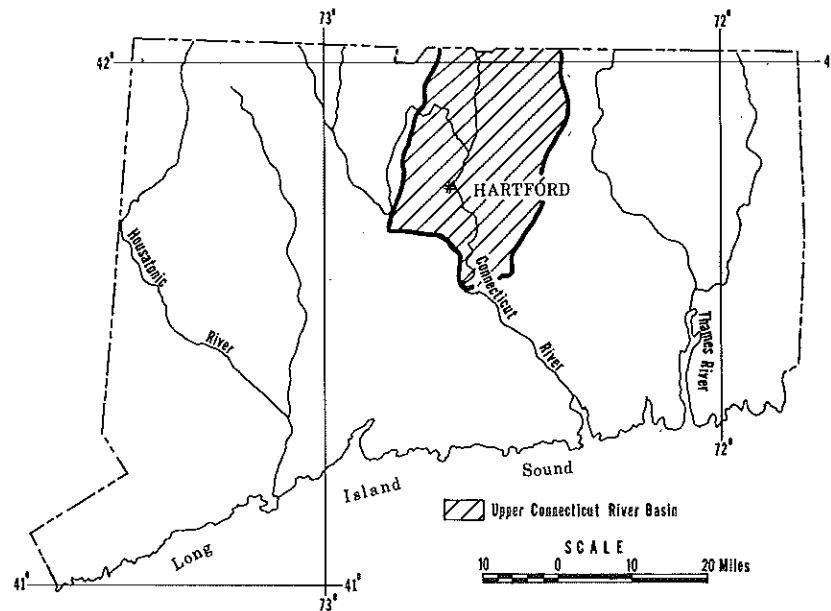
106

HYDROGEOLOGIC DATA FOR THE UPPER CONNECTICUT RIVER BASIN, CONNECTICUT

By

Robert B. Ryder and L.A. Weiss

U.S. Geological Survey



Prepared by the
U. S. GEOLOGICAL SURVEY
in cooperation with the
CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION

CONNECTICUT WATER RESOURCES BULLETIN NO. 25

1971

1

2

3

4

5

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hydrogeologic data for the
upper Connecticut River basin,
Connecticut

By
Robert B. Ryder
and
L. A. Weiss

Prepared by the
U.S. Geological Survey
in cooperation with the
Connecticut Department of Environmental Protection

CONNECTICUT WATER RESOURCES BULLETIN NO. 25

1971

CONTENTS

	Page
Introduction	1
Numbering and location systems	4
References	5

ILLUSTRATIONS

Figure 1. Sketch illustrating well and test hole location numbering system	4
Plate A. Locations of data-collection sites (back pocket)	

TABLES

Table 1. Records of wells	6
2. Logs of selected wells	19
3. Logs of selected test holes	31
4. Records of pumping tests of wells	49
5. Chemical analyses and physical characteristics of water from wells	51
6. Chemical analyses and physical characteristics of water from streams	53
7. Temperature and specific conductance of water from streams	54

INTRODUCTION

This report contains geologic, ground-water, and quality-of-water data collected and compiled for a water resources investigation of the upper Connecticut River basin, Connecticut by the U.S. Geological Survey in financial cooperation with the Connecticut Department of Environmental Protection. These data, together with surface-water data, were collected at sites shown on plate A and are, with exceptions discussed below, presented herein. The interpretation of these data will be published separately in Connecticut Water Resources Bulletin No. 24.

As defined for this investigation, the upper Connecticut River basin is a 508-square-mile area in north-central Connecticut (see front cover and plate A) drained by the Connecticut River and its tributaries, including the Farmington River downstream from the community of Tariffville. The basin includes all or parts of the following 30 towns: Avon, Bloomfield, Bolton, Cromwell, East Granby, East Hampton, East Hartford, East Windsor, Ellington, Enfield, Farmington, Glastonbury, Hartford, Manchester, New Britain, Newington, Plainville, Portland, Rocky Hill, Simsbury, Somers, South Windsor, Stafford, Suffield, Tolland, Vernon, West Hartford, Wethersfield, Windsor, and Windsor Locks.

The data compiled for this investigation consist of those collected specifically for the study during the period July 1967 - December 1969 and those collected during previous investigations. Many records of wells and test holes in this report were published in Connecticut Water Resources Bulletin No. 4. This report is out of print, therefore these previously published records, together with newer ones, are published in this report to provide a readily available source of ground-water information. Previously published well numbers have been retained and are those published in this report. However, test holes previously published as wells have been assigned test-hole numbers; the former well number is noted in table 3.

Chemical analyses of water from wells and systematic measurements of ground-water levels during the period of the investigation are published in "Water Resources Data for Connecticut" 1968 and 1969. Older chemical analyses of ground water are in table 5. Chemical analyses of water from streams are published in the reports listed in the following table.

Publications containing surface-water quality records

(Locations of sampling stations are shown on plate A.)

WRDC, Water Resources Data for Connecticut; U.S. Geol. Survey publications:
CIR, Circular; WSP, Water-Supply Paper.

Water year of record	Publication	Type of data		
		Chemical quality	Suspended sediment	Temperature
1953	WSP 1290	X	X	
1954	WSP 1350	X	X	X
1955	WSP 1400		X	X
1956	WSP 1450	X	X	X
1957	WSP 1520		X	X
1958	WSP 1571	X	X	X
1959	WSP 1641		X	X
1960	WSP 1741		X	X
1961	WSP 1881	X		X
1962	WSP 1941			X
1963	WSP 1947			X
1964	WSP 1954			X
1965	WSP 1961			X
1966	WRDC (1966)	X		X
1967	WRDC (1967)	X		X
1968	WRDC (1968)	X	X	X
1969	WRDC (1969)	X	X	X

The source and significance of water properties and constituents published in this and other reports are discussed by Hem (1970).

Records of streamflow collected at stream-gaging stations in the basin are published in the reports listed in the following table. No streamflow records are published in this report.

Publications containing streamflow records

(Locations of stream-gaging stations are shown on plate A.)

WRDC, Water Resources Data for Connecticut; U.S. Geol. Survey publications:
CIR, Circular; WSP, Water-Supply Paper.
Daily-Discharge Data

Year of record <u>a/</u>	Publication	Year of record <u>a/</u>	Publication
1896-99	WSP 35	1943	WSP 971 and 1301
1900	WSP 47	1944	WSP 1001 " "
1901	WSP 65	1945	WSP 1031 " "
1902	WSP 82	1946	WSP 1051 " "
1903	WSP 97	1947	WSP 1081 " "
1904	WSP 124	1948	WSP 1111 " "
1905	WSP 165	1949	WSP 1141 " "
1906	WSP 201	1950	WSP 1171, 1301, and 1721
1907-08	WSP 241	1951	WSP 1201, 1701, and 1721
1919-20	WSP 501 and 1301	1952	WSP 1231 and 1721
1921	WSP 521 " "	1953	WSP 1271 " "
1928	WSP 661 " "	1954	WSP 1331 " "
1929	WSP 681 " "	1955	WSP 1381, 1701, and 1721
1930	WSP 696 " "	1956	WSP 1431 " " "
1931	WSP 711 " "	1957	WSP 1501 " " "
1932	WSP 726 " "	1958	WSP 1551 " " "
1933	WSP 741 " "	1959	WSP 1621 " " "
1934	WSP 756 " "	1960	WSP 1701
1935	WSP 781 " "	1961	WSP 1901, WRDC (1961)
1936	WSP 801 " "	1962	WSP 1901, " (1962)
1937	WSP 821 " "	1963	WSP 1901, " (1963)
1938	WSP 851 " "	1964	WSP 1901, " (1964)
1939	WSP 871 " "	1965	WSP 1901, " (1965)
1940	WSP 891 " "	1966	WRDC (1966)
1941	WSP 921 " "	1967	WRDC (1967)
1942	WSP 951 " "	1968	WRDC (1968)
		1969	WRDC (1969)

Stage-Discharge Data for Major Floods

WSP 162
WSP 636-C (1927)
WSP 798 (1936)
WSP 847
WSP 867 (1938)
WSP 966 (1938)
WSP 1420 (1955)
WSP 1779-M (History of Floods)
CIR 155
CIR 377

a/ Calendar year 1896-1908, water year 1919-1969.

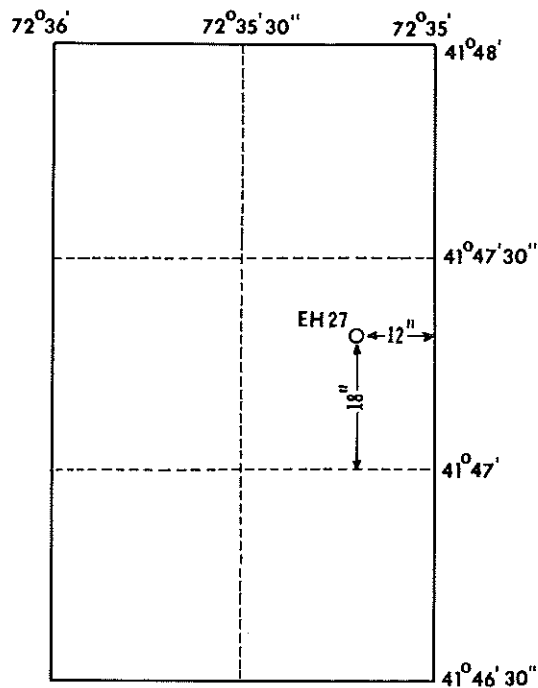


FIGURE 1 - SKETCH ILLUSTRATING WELL AND TEST-HOLE NUMBERING SYSTEM
THE LOCATION NUMBER OF WELL EH27 IS 414718N723512.1

NUMBERING AND LOCATION SYSTEMS

In Connecticut each well and test hole inventoried by the U.S. Geological Survey is assigned a sequential number based on the town in which it is located. A separate sequence of serial numbers is used for wells and test holes. An alphabetical prefix is used to designate the town name, and the suffix "th" is used to designate test holes. For example: EH 3 is the number of a well in the town of East Hartford, whereas EW 3th is the number of a test hole in the town of East Windsor. A 15-character location number, based on latitude and longitude, is also assigned to each well and test hole. The first seven characters consist of six digits representing degrees, minutes, and seconds of latitude at the well or test-hole site and the letter N indicating north latitude. The next seven characters are digits representing degrees, minutes, and seconds of longitude, and the last is a decimal number assigned in serial order to wells or test holes within

the same one-second-square tract of land (about 100 x 75 ft) defined by the latitude and longitude number. An example of this numbering system is shown in figure 1.

Stream-gaging and surface-water quality stations are assigned a number in conformance with the standard downstream order of listing such stations used by the U.S. Geological Survey. The number is made up of a four-digit integer, with or without a decimal fraction, that increases serially downstream. For example: stream-gaging station 1842.8, Scantic River near North Somers, is upstream from station 1845, Scantic River at Broad Brook.

REFERENCES

- Cushman, R. V., Baker, J. A., Meikle, R. L., 1964, Records and logs of selected wells and test borings and chemical analyses of water in north-central Connecticut: Connecticut Water Resources Bull. No. 4, 27 p.
- Hem, J. D., 1970, Study and interpretation of the chemical characteristics of natural water, 2nd ed.: U.S. Geol. Survey Water-Supply Paper 1473, 363 p.
- Ryder, R. B., Olin, D. A., and Weiss, L. A., in preparation, Water resources of Connecticut, part 7, upper Connecticut River basin, Connecticut: Connecticut Water Resources Bull. No. 24.
- U.S. Geological Survey, 1966, Water resources data for Connecticut 1966.
- _____, 1967, Water resources data for Connecticut 1967.
- _____, 1968, Water resources data for Connecticut 1968.
- _____, 1969, Water resources data for Connecticut 1969.
- U.S. Public Health Service, 1962, Drinking water standards, 1962: U.S. Public Health Service Pub. 956, 61 p.

TABLE 3.--RECORDS OF WELLS

WELL NUMBER: SEE TEXT FOR EXPLANATION OF NUMBERING SYSTEM AND PLATE A FOR LOCATION.

LOCATION: SEE TEXT FOR EXPLANATION OF LOCATION-NUMBERING SYSTEM.

ALTITUDE OF LSD: LAND SURFACE DATUM AT WELL SITE IN FEET ABOVE MEAN SEA LEVEL. ESTIMATED FROM TOPOGRAPHIC MAPS HAVING 10-FT CONTOUR INTERVAL.

METHOD DRILLED: A, AIR-ROTARY; B, BORED OR AUGERED; C, CABLE-TOOL; D, DUG; P, AIR-PERCUSSION; V, DRIVEN; W, DRIVEN AND JETTED.

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

CASING DEPTH: DEPTH OF BOTTOM OF BLANK CASING IN FEET BELOW LAND SURFACE. EXCLUDES ANY TYPE SCREEN AND PERFORATED OR SLOTTED CASING.

WELL FINISH: TYPE OF OPENING THAT PERMITS ENTRANCE OF WATER TO WELL. F, PERFORATED OR SLOTTED CASING WITH GRAVEL WALL (PACK); G, SCREEN WITH GRAVEL WALL (PACK); H, HORIZONTAL GALLERY OR COLLECTOR; D, OPEN-END CASING; P, PERFORATED OR SLOTTED CASING; S, SCREEN; T, SCREENED DRIVE OR WELL POINT; W, WALLED OR SHORED WITH OPEN-JOINTED FIELDSTONE, BRICK, TILE, CONCRETE BLOCK, WOODEN CRIBBING OR OTHER PERVIOUS MATERIAL; X, OPEN HOLE.

MAJOR AQUIFER: BA, BASALT OR TRAPROCK; OC, NONCARBONATE CRYSTALLINE BEDROCK; OD, STRATIFIED DRIFT; OG, TILL; OS, SEDIMENTARY BEDROCK; OT, TERRACE DEPOSIT.

DEPTH TO CONSOLIDATED ROCK: DEPTH TO TOP OF BEDROCK AT WELL SITE IN FEET BELOW LAND SURFACE.

WATER LEVEL AND DATE MEASURED: STATIC WATER LEVEL IN FEET BELOW OR (+) ABOVE LAND SURFACE; F, WELL FLOWS. DATE OF MEASUREMENT IS NUMERICAL MONTH FOLLOWED BY YEAR.

YIELD: MOST DATA REPORTED BY DRILLER AT END OF SHORT-DURATION (LESS THAN 8 HOURS) PUMPING TEST IN GALLONS PER MINUTE.

DRAWDOWN: DIFFERENCE BETWEEN PRE-PUMPING STATIC WATER LEVEL AND WATER LEVEL AT END OF PUMPING TEST IN FEET.

PUMPING PERIOD: LENGTH OF PUMPING TEST IN HOURS.

WELL USE: O, OBSERVATION; T, TEST HOLE; U, UNUSED; W, WITHDRAW WATER; Z, DESTROYED (DOES NOT INCLUDE TEST HOLES).

USE OF WATER: A, AIR CONDITIONING; C, COMMERCIAL; H, DOMESTIC; I, IRRIGATION; N, INDUSTRIAL; P, PUBLIC SUPPLY; S, STOCK SUPPLY; T, INSTITUTIONAL; U, UNUSED.

REMARKS: C, CHEMICAL ANALYSIS ON TABLE 5 OR PUBLISHED IN WATER RESOURCES DATA FOR CONNECTICUT 1968, 1969; L, LOG ON TABLE 2 (ABBREVIATED LOG MAY APPEAR HERE); P, PUMPING-TEST DATA ON TABLE 4; W, PERIODIC WATER-LEVEL MEASUREMENTS PUBLISHED IN WATER RESOURCES DATA FOR CONNECTICUT 1968 AND 1969. CAS, CASING; DRWDN, DRAWDOWN; GRVL, GRAVEL; HPAN, HARDPAN; PERF, PERFORATED; RPTS, REPORTS; RK, ROCK; SCRNL, SCREEN; SED, SEDIMENTARY; SL, SLOT; SSTONE, SANDSTONE; VAL, VALUE.

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTITUDE OF LSD (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSOLIDATED ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF BLOOMFIELD																			
BL 1	414821N0724501.1	CS NIELSON SONS	1919	140	C	4	184	145	X	OS	144	48	11-19	14	36	—	U	U	76 FT OF 6-IN OUTER CASING.
BL 2	414851N0724456.1	CARL F DELLERT	1937	135	C	6	138	21	X	OS	20	12	6-37	7	100	—	W	U	
BL 5	414932N0724338.1	W J LAGAN	1920	110	C	6	120	50	X	OS	50	4	2-20	30	2	—	W	H	
BL 7	415002N0724154.1	VINCENZO BASILE	—	125	C	6	167	50	X	OS	50	50	—	25	—	—	W	H	0-50 FT; CLAY, RED.
BL 18	414939N0724458.1	G A HOLMQUIST	—	120	C	6	175	52	X	OS	52	—	—	8	—	—	W	H	
BL 19	415134N0724238.1	NICK NIGRO	1948	150	C	4	47	41	S	OD	—	11	10-48	20	—	—	W	H	
BL 20	415115N0724301.1	A F BLASIG	1928	140	C	6	209	114	X	OS	114	10	5-28	13	60	—	W	H	C, DRLD TO 75 FT, 4-IN SCREEN 41-47 FT
BL 21	415005N0724328.1	EARL G LOVELAND	1917	135	C	6	179	63	X	OS	62	6	3-17	30	26	—	W	H	
BL 22	414950N0724230.1	M C LYNCH	1930	125	C	6	231	125	X	OS	124	50	2-30	4	—	—	W	H	
BL 23	414852N0724144.1	GEORGE J MAHER	1899	155	C	6	63	26	X	OS	26	—	—	15	—	—	U	U	C.
BL 24	414855N0714254.1	CONN PACKING CO	1933	95	C	6	368	118	X	OS	118	15	11-33	20	135	—	W	N	
BL 26	414918N0724421.1	MISS L S SHAW	1925	135	C	6	42	23	X	OS	22	12	4-58	2	—	—	U	U	
BL 27	415229N0724533.1	ROBERT D SHAW	1943	200	C	6	210	2	X	OS	2	26	—	20	14	2	W	H	DRLD IN 37.5 FT 30-IN DIAM DUG WELL.
BL 29	415051N0724615.1	EVERETT WADHAMS	—	230	C	6	121	20	X	OS	20	20	—	15	—	—	W	H	C, 0-180 FT; BASALT, 280-210 FT; SED ROCK.
BL 31	415112N0724609.1	E E CASE	1900	230	C	6	96	6	X	OS	6	20	—	12	—	—	W	H	C.
BL 32	414854N0724429.1	CONN GEN LIFE	1954	146	C	10	609	17	X	OS	12	20	1-54	329	214	25	W	A	C, WELL SURGED AND WIRE BRUSHED.
BL 33	414858N0724436.1	CONN GEN LIFE	—	142	C	6	108	—	X	OS	—	29	9-53	65	62	—	—	—	—
BL 34	414841N0724413.1	CONN GEN LIFE	1954	115	C	10	600	25	X	OS	24	44	7-54	584	56	26	W	A	L, WELL SURGED AND WIRE BRUSHED.
BL 35	415017N0724426.1	G K MARVIN	1919	130	C	6	128	28	X	OS	28	12	7-19	8	28	—	U	U	0-28 FT; ROCK, RED.
BL 36	415022N0724449.1	H E HOLCOMB	1924	160	C	6	122	54	X	OS	52	2	5-24	15	—	—	W	S	L.
BL 37	415051N0724408.1	JN CHRISTIANSEN	1920	130	C	6	161	21	X	OS	21	1	5-20	11	63	—	W	H	
BL 39	415116N0724431.1	E A EHRLHARDT	1937	130	C	6	133	88	X	OS	88	15	7-37	6	85	—	W	H	
BL 40	414836N0724524.1	TUMBLE BROOK CC	1923	230	C	6	382	116	X	OS	115	55	4-23	20	—	—	W	H	
BL 42	414938N0724554.1	CLINTON JOHNSON	1931	230	C	6	184	11	X	BA	1	36	12-31	20	14	—	W	H	
BL 43	414913N0724466.1	SAH N TYCHSEN	1935	445	C	6	270	25	X	BA	24	20	9-35	35	180	—	W	H	3-5.84 FT; BASALT. DRLR RPTS BEDROCK AT BOTTOM.
BL 44	414927N0724451.1	ROBERT B COBURN	1926	460	C	6	140	48	X	BA	0	11	12-26	20	—	—	W	H	L.
BL 45	415030N0724619.1	ROBERT CASE	1922	225	C	6	128	22	X	OS	12	18	3-22	10	62	—	W	H	
BL 46	415139N0724426.1	NORRIS P SWETT	1924	300	C	6	262	85	X	BA	20	45	5-26	6	—	—	W	H	L.
BL 47	415141N0724549.1	THADDEUS BURAK	1956	215	C	6	71	33	X	BA	21	16	1-56	10	8	—	W	H	L.
BL 50	414945N0724152.1	FRANK E HAUN	1924	115	C	6	110	19	X	OS	18	8	4-24	6	—	—	W	H	L.
BL 59	414906N0724304.1	H C BLIGH	1932	100	C	6	163	150	X	OS	149	12	—	24	—	—	W	H	
BL 62	414900N0724400.1	C M EDDY	1910	120	C	6	170	23	X	OS	23	12	—	8	—	—	U	U	
BL 68	414828N0724526.1	HARRY C CLIFTON	1929	195	C	6	302	85	X	OS	80	52	6-29	11	83	—	W	H	L.
BL 74	414826N0724524.1	R G MILLER	1917	185	C	6	136	54	X	OS	51	10	7-17	30	—	—	W	H	L.
BL 75	414943N0724415.1	J R MCCORMICK	1920	115	C	6	120	45	X	OS	44	F	6-20	40	20	—	U	U	WELL FLOWS, DRWDN VALUE IS MINIMUM.
BL 78	414927N0724749.1	CONN PK FRY COM	1944	850	C	10	310	11	X	OS	0	62	—	100	138	—	W	H	L, ORIGINALLY DRLD FOR HTFD TIMES.
BL 79	414857N0724439.1	CONN GEN LIFE	1954	144	C	10	604	33	X	OS	22	32	9-54	179	215	24	W	A	L, WELL SURGED AND WIRE BRUSHED.
BL 80	414847N0724420.1	CONN GEN LIFE	1954	129	C	10	567	37	X	OS	24	8	9-54	450	226	24	W	A	L.
BL 81	414854N0724422.1	CONN GEN LIFE	1954	117	C	10	370	31	X	OS	20	F	12-54	448	158	24	W	A	WELL FLOWS, DRWDN VALUE IS MINIMUM.
BL 82	414838N0724421.1	CONN GEN LIFE	1954	132	C	10	604	32	X	OS	12	12	12-54	465	158	24	W	A	WELL SURGED AND WIRE BRUSHED.

TABLE 1.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF LSO (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE	YIELD (GPM)	DRWN-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF BLOOMFIELD--CONTINUED																			
BL 83	414832N0724427.1	CONN GEN LIFE	1955	140	C	10	600	42	X	OS	30	24	3-55	224	207	24	W	A	WELL SURGED AND WIRE BRUSHED.
BL 84	414833N0724419.1	CONN GEN LIFE	1955	120	C	10	601	43	X	OS	31	F	3-55	402	132	24	W	A	L, WELL SURGED AND WIRE BRUSHED.
BL 87	415138N0724207.1	KAMAN CORP	1952	160	C	8	600	130	X	OS	130	32	4-52	120	188	24	U	U	RPTD OBJECTIONABLE SULFATE CONC.
BL 88	415140N0724201.1	KAMAN CORP	1952	160	C	8	450	153	X	OS	153	38	6-52	87	162	24	U	U	RPTD OBJECTIONABLE SULFATE CONC.
BL 95	414936N0724658.1	SPEAR	1953	540	C	6	138	22	X	OC	22	75	7-53	10	25	—	W	H	
BL 96	414859N0724424.1	CONN GEN LIFE	1955	118	C	10	600	32	X	OS	15	+1	7-55	500	72	24	W	A	WELL SURGED AND WIRE BRUSHED.
BL 97	414832N0724411.1	CONN GEN LIFE	1955	132	C	10	604	31	X	OS	16	11	4-55	307	212	24	W	A	L, WELL SURGED AND WIRE BRUSHED.
BL 98	414957N0724637.1	RONALD HUFF	—	345	C	6	470	3	X	OS	3	6	—	18	54	—	W	H	O-390 FT; BASALT, 390-470 FT; SED ROCK.
BL 101	415330N0724531.1	HELCO	1956	175	C	8	180	43	X	OS	24	4	5-56	60	36	8	W	C	L.
BL 103	415043N0724304.1	JOSEPH CARUSO	1955	110	C	6	145	97	X	OS	97	F	12-55	12	100	—	W	H	L, WELL FLOWS, DRWN VALUE IS MINIMUM.
BL 104	415119N0724511.1	ROBERT C MORSE	1948	255	C	6	215	103	X	OS	100	73	3-48	15	27	—	W	H	
BL 105	415111N0724427.1	JAMES JAMIESON	1941	125	C	6	145	74	X	OS	65	13	9-41	9	87	—	W	H	
BL 109	415108N0724533.1	A M GOULD	1955	205	C	6	120	30	X	OS	21	20	8-55	15	30	6	W	H	L.
BL 110	415106N0724532.1	RAYMOND MCMAHON	1955	205	C	6	125	46	X	OS	38	32	7-55	10	31	6	W	H	
BL 111	414957N0724150.1	M M FELLER	1922	120	C	6	123	19	X	OS	18	8	1-22	20	17	—	W	H	
BL 115	415008N0724134.1	PATRICK LANE	1928	130	C	6	134	67	X	OS	66	20	5-28	2	114	—	W	H	L.
BL 116	414914N0724247.1	WILLIAM J WALSH	1929	95	C	6	200	128	X	OS	120	8	5-29	5	32	—	W	H	L.
BL 117	415007N0724419.1	E A MORTENSEN	1936	115	C	6	250	27	X	OS	27	20	4-36	30	40	—	W	H	
BL 119	415013N0724427.1	CHAS RATHBURN	1920	145	C	6	125	40	X	OS	40	24	6-20	8	32	—	W	H	L.
BL 120	415032N0724438.1	FERTSTENBERG	1919	125	C	6	87	50	X	OS	50	4	7-19	9	83	—	W	H	
BL 122	415007N0724137.1	J VASQUEZ	1926	135	C	6	160	45	X	OS	45	25	10-26	20	—	—	W	H	
BL 124	414894N0724454.1	WILTON SHERMAN	1931	135	C	6	305	28	X	OS	28	13	10-31	5	47	—	W	H	
BL 125	414908N0724256.1	E J BRADY	1925	90	C	6	181	132	X	OS	132	10	4-25	15	—	—	W	H	
BL 126	414853N0724454.1	H L BROWN	1930	135	C	6	142	10	X	OS	9	9	5-30	10	111	—	W	H	
BL 127	415059N0724440.1	E J BETTERS	1923	160	C	6	131	67	X	OS	67	35	6-23	7	—	—	W	H	
BL 128	414930N0724333.1	JOSEPH D'ADDEO	1932	105	C	6	114	54	X	OS	54	4	7-32	7	110	—	W	H	
BL 130	415111N0724617.1	GEO B MCADAMS	1934	210	C	6	83	12	X	OS	11	4	5-34	30	11	—	W	H	
BL 131	414838N0724633.1	AUERFARM	1936	290	C	6	141	10	X	BA	9	25	8-36	6	25	—	W	H	
BL 135	414853N0724156.1	J M NEY CO	1956	120	C	10	400	31	X	OS	22	F	3-56	200	140	24	W	N	L, WELL FLOWS, DRWN VALUE IS MINIMUM.
BL 150	414936N0724228.1	HAROLD WOODFORD	—	113	D	32	19	19	O	OD	—	12	—	—	—	—	U	W	
BL 151	414927N0724312.1	R L BURNHAM	1967	85	V	1	16	13	T	OD	—	5	—	—	—	—	O	U	W, 1.25-IN SCREEN 13-16 FT., 0.06-IN SLOT.
BL 152	415109N0724356.1	AMER DEV CORP	—	122	D	30	14	0	W	OD	—	1	—	—	—	—	O	U	W, 1.25-IN SCREEN 13-16 FT., 0.06-IN SLOT.
BL 153	414956N0724427.1	BLMFLD BWLG CEN	1959	120	—	8	465	39	T	OD	—	13	8-59	111	82	10	W	C	C, 36-22 FT; STONE, GRAY, 22-328 FT; BRNSTONE
BL 154	415200N0724203.1	US GEOL SURVEY	1968	155	B	1	42	36	X	OS	40	22	8-57	20	103	5	W	H	C, L.
BL 155	415221N0724457.1	JOSEPH SUESS	1957	195	C	6	126	36	X	OS	40	22	8-57	20	103	5	W	H	C, L.
BL 156	415125N0724530.1	A C PETERSON FM	1964	190	C	6	156	40	X	OS	40	24	3-64	40	432	8	W	C	C, L.
BL 157	414902N0724550.1	WE MILLER SONS	1965	195	C	6	128	22	X	OS	16	35	12-65	30	7	—	W	S	C, 36-22 FT; STONE, GRAY, 22-328 FT; BRNSTONE
BL 158	415030N0724139.1	ALBERT GAMER	1968	120	—	6	250	143	X	OS	143	14	8-68	10	66	2	W	H	C, L.
BL 159	414842N0724238.1	CONN PRINT INC	1964	100	C	6	350	106	X	OS	98	17	4-64	105	183	24	W	N	C, L.
BL 160	415200N0724337.1	PETER P CANNY	1956	160	C	7	195	86	X	OS	78	22	3-56	10	53	4	W	H	L.
BL 161	415100N0724553.1	I SALAD	1968	205	P	6	70	30	X	OS	21	20	3-68	10	50	1	W	H	
BL 162	414944N0724534.1	L HOFFMAN NURSRY	1966	210	P	6	250	64	X	OS	50	35	5-66	45	190	4	W	I	
TOWN OF BOLTON																			
BO 5	414740N0722816.1	C ST PIERRE	1956	475	C	6	53	21	X	OC	18	6	9-56	5	45	2	W	H	
BO 9	414700N0722745.1	L MONROE	1956	615	C	6	205	95	X	OC	95	35	4-56	7	55	8	W	H	L.
TOWN OF CROMWELL																			
CR 45	413543N0723912.1	J W LEE JR	1918	60	C	6	100	10	X	OS	6	18	7-18	5	42	—	W	H	
CR 173	413709N0723921.1	HENRY F HOFFMANN	—	145	W	1	197	197	O	OD	—	6	12-37	—	—	—	W	H	
CR 177	413715N0723939.1	JOHN F HOFFMAN	—	145	C	6	235	199	X	OS	199	35	12-37	1.8	15	—	W	H	O-199 FT; QUICKSAND; 199-235 FT; SED ROCK
CR 220	413732N0723942.1	ANTHONY A GUIDA	1921	155	C	6	243	204	X	OS	204	51	11-21	5	—	—	W	H	
CR 249	413812N0723901.1	CRMWLL FRE D WD	1955	100	C	12	38	28	G	OD	—	1	12-55	250	12	24	W	P	L, 32-IN SCREEN 28-38 FT., 200 IN-SLOT.
CR 265	413650N0723809.1	A H RDCHETTE	1957	130	C	6	275	199	X	OS	199	100	4-57	8	50	1	W	H	L.
CR 266	413657N0723808.1	ALFRED MASCOTTI	1957	100	C	6	267	150	X	OS	150	85	3-57	5	65	1	W	H	O-150 FT; SAND, 150-267 FT; SED ROCK.
CR 275	413700N0723856.1	GEORGE WALLER	1959	85	C	6	158	115	X	OS	106	F	9-63	20	140	—	W	H	L, WELL FLOWS, DRWN VALUE IS MINIMUM.
CR 283	413642N0723811.1	DAVID CORNISH	1964	40	P	6	205	80	X	OS	72	25	3-64	15	—	—	W	H	C, L.
CR 284	413624N0723915.1	A N PIERSON CO	1969	95	C	6	300	85	X	OS	81	2	2-69	—	—	—	W	I	L.
CR 285	413621N0723915.1	A N PIERSON CO	1969	75	C	6	230	29	X	OS	29	F	2-69	80	65	192	W	I	C, L, WELL FLOWS, DRWN VALUE IS MINIMUM.
CR 286	413622N0723914.1	A N PIERSON CO	1969	90	C	6	300	38	X	OS	35	F	2-69	82	137	264	W	I	WELL FLOWS, DRWN VALUE IS MINIMUM.
CR 287	413654N0723806.1	MARGRET WINSLOW	1968	125	P	6	310	161	X	OS	150	20	8-68	10	290	4	W	H	C, L.
CR 288	413807N0723859.1	CRMWLL FRE D WD	1959	100	C	18	41	31	G	OD	—	7	4-59	250	17	24	W	P	L, 38-IN SCREEN 31-43 FT., 120-IN SLOT.
CR 289	413807N0723859.2	CRMWLL FRE D WD	1965	100	C	6	300	108	X	OS	108	6	6-65	73	75	120	W	P	C, L.
CR 290	413641N0723714.1	CRMWLL FRE D WD	1965	20	C	6	68	48	S	OD	58	—	—	—	—	—	T	U	L, 6-IN SCREEN 48-58 FT.
CR 291	413625N0723716.1	CRMWLL FRE D WD	1965	10	C	6	98	36	S	OD	88	—	—	—	—	—	T	U	L, 6-IN SCREEN 36-39 FT.
CR 292	413627N0723718.1	CRMWLL FRE D WD	1965	10	C	6	81	29	S	OD	71	—	—	—	—	—	T	U	L, 6-IN SCREEN 29-32 FT.
CR 293	413630N0723714.1	CRMWLL FRE D WD	1965	10	C	6	102	38	P	OD	102	—	—	—	—	—	O	U	C, L, 6-IN SCREEN 35-40 FT.
CR 294	413629N0723713.1	CRMWLL FRE D WD	1966	5	W	2	41	38	P	OD	—	—	—	—	—	—	O	U	C, L, 2.5-IN PERF CAS 38-43 FT.
CR 295	413629N0723712.1	CRMWLL FRE D WD	1966	5	W	2	102	38	S	OD	—	—	—	—	—	—	O	U	C, L, 2.5-IN SCREEN 38-40 FT.

TABLE 1.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF L50 (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF CROMWELL--CONTINUED																			
CR 296	413628N0723714.1	CRMWLL FRE D WD	1966	5	W	2	42	39	P	OD	---	---	---	20	---	---	O	U	C, L.
CR 297	413629N0723717.1	CRMWLL FRE D WD	1966	10	W	2	40	38	S	OD	---	---	---	15	---	---	O	U	C, L, 2.5-IN SCREEN 38-40 FT.
CR 298	413755N0723759.1	CRMWLL FRE D WD	1966	10	W	2	50	25	S	OD	---	---	---	10	---	---	O	U	L, 2.5-IN SCREEN 25-30 FT.
CR 299	413810N0723754.1	CRMWLL FRE D WD	1966	5	W	2	143	138	P	OD	---	5	9-69	60	---	8	O	U	C, L.
CR 300	413815N0723753.1	CRMWLL FRE D WD	1966	5	W	2	96	93	P	OD	---	---	---	75	---	8	O	U	C, L, 2.5-IN PERF CAS 92-96 FT
CR 301	413805N0723756.1	CRMWLL FRE D WD	1967	5	W	2	100	97	P	OD	---	---	---	90	---	8	O	U	C, L, 2.5-IN PERF CAS 97-100 FT.
CR 302	413810N0723758.1	CRMWLL FRE D WD	1967	10	W	2	131	109	P	OD	---	---	---	60	---	2	O	U	L, 2.5-IN PERF CAS 109-112 FT.
CR 303	413743N0723821.1	EDGEWOOD C CLUB	1966	90	W	6	298	111	X	OS	105	74	7-66	90	108	9	---	C	L.
CR 304	413810N0723803.1	CRMWLL FRE D WD	1969	15	W	2	111	---	P	OD	---	10	9-69	---	---	---	T	U	L, 2.5-IN PERF CAS 145-150 FT.
CR 305	413807N0723758.1	CRMWLL FRE D WD	1969	15	W	2	102	---	P	OD	---	7	9-69	---	---	---	T	U	L, 2.5-IN PERF CAS 100-105 FT.
CR 306	413815N0723802.1	CRMWLL FRE D WD	1969	15	W	2	119	125	P	OD	---	12	9-69	---	---	---	T	U	L, 2.5-IN PERF CAS 125-130 FT.
CR 307	413810N0723758.2	CRMWLL FRE D WD	1969	15	C	14	142	97	S	OD	---	5	12-69	901	10	71	W	P	P, 14-IN SCREEN 97-142 FT., 060-IN SLOT
CR 308	413522N0723902.1	SEB GUGLIEMINO	1955	40	C	6	130	62	X	OS	65	30	0-55	10	45	---	Z	U	L.
CR 309	413709N0723058.1	CHAS HERDMAN	1959	95	C	6	175	125	X	OS	125	15	5-59	14	125	---	W	H	L.
CR 310	413653N0723807.1	JOHN BARTOLOTTA	1961	120	C	6	274	160	X	OS	160	103	10-61	7	57	2	W	H	L.
CR 311	413651N0723800.1	J LAPOLA	1961	130	P	6	298	167	X	OS	160	110	4-61	15	40	1	W	H	
TOWN OF EAST GRANBY																			
EG 1	415400N0724448.1	A HOPPE	1941	170	C	6	208	30	X	OS	30	44	-41	15	---	---	W	H	
EG 5	415623N0724219.1	CONN DEPT AERO	1942	150	C	10	100	88	G	OD	---	F	4-42	210	77	240	Z	U	L, 10-IN SCREEN 88-100 FT., 250-IN SLOT.
EG 7	415621N0724303.1	NICHOLSON VETCH	---	170	C	6	125	---	X	OS	---	3	-20	21	---	---	W	H	
EG 10	415430N0724415.1	L YURASEVEZ	1957	175	C	6	67	100	O	OD	---	6	5-57	25	24	---	W	H	L, 33 FT GRAVEL PACKED IN CASING.
EG 12	415408N0724414.1	G L MORENCY	1955	175	C	6	183	84	X	OS	83	10	9-55	8	44	---	W	H	L, OWNER RPTS FLOWS AT 3 GPM.
EG 16	415637N0724353.1	TWN OF E GRANBY	1956	190	C	6	120	28	X	OS	25	F	10-58	---	---	---	W	H	
EG 17	415700N0724326.1	C BRIDGEWATER	1955	200	C	6	87	30	X	BA	30	8	12-55	20	32	---	W	H	
EG 19	415801N0724314.1	E ROOT	1955	200	C	6	93	10	X	BA	10	12	10-58	6	---	---	W	H	
EG 21	415614N0724348.1	EDWARD VIETS	---	205	C	6	115	25	X	OS	25	15	10-58	3	55	---	W	H	
EG 59	415541N0724146.1	HAM STD DIV U A	---	160	C	12	60	---	S	OD	---	28	---	165	19	---	U	U	L, SCREEN COLLAPSED.
EG 60	415541N0724149.1	HAM STD DIV U A	---	165	C	12	61	---	S	OD	---	34	---	85	14	---	U	U	L, OWNER RPTS WELL FAILED; NEVER USED.
EG 61	415641N0724413.1	CHESTER DEGRAY	1949	275	C	6	160	35	X	BA	33	8	10-60	4	131	---	U	U	
EG 212	415622N0724325.1	HENRY MODZELESK	1965	180	P	6	123	32	X	OS	28	---	---	30	---	5	W	H	C.
EG 213	415408N0724436.1	BARETT	1965	190	P	6	153	70	X	OS	60	25	5-65	10	105	4	W	H	C.
EG 214	415637N0724233.1	C O CAGNE	1968	150	P	6	120	48	X	OS	48	12	4-68	15	18	1	W	H	C, 0-48 FT; CLAY, 48-120 FT; SED ROCK.
EG 215	415620N0724223.1	CONN DEPT AERO	1960	160	C	8	96	95	G	OD	96	36	-60	115	37	8	W	P	L, 8-IN SCREEN 85-96 FT., 100-IN SLOT.
EG 216	415623N0724217.1	CONN DEPT AERO	1958	150	W	2	100	82	S	OD	---	---	---	---	---	---	O	U	L, 2.5-IN SCREEN 92-100 FT., 020-IN SLOT.
EG 217	415623N0724219.2	CONN DEPT AERO	1969	150	W	2	97	85	S	OD	---	19	6-69	17	---	---	O	U	L, 2.5-IN SCREEN 85-95 FT., 030-IN SLOT.
EG 218	415652N0724241.1	NICHOLN BS FARM	1964	170	P	4	160	50	X	OS	20	8	6-64	10	27	---	U	U	L, OWNER RPTS HARD WATER.
EG 219	415404N0724407.1	CHAS BONAZELLI	1964	175	C	6	147	50	X	OS	45	20	2-64	10	60	2	W	H	L.
EG 220	415631N0724338.1	JUANITA SENATRO	1964	190	P	4	39	39	O	OD	---	---	---	---	---	---	W	H	L.
EG 221	415527N0724201.1	DOT MAINT GARAG	1964	165	P	8	223	81	X	OS	58	22	4-64	20	2	24	W	H	0-39 FT; GRAVEL.
EG 222	415433N0724439.1	FREDRICK SWEENEY	1967	245	P	6	225	83	X	OS	72	40	4-67	6	135	4	W	H	L.
EG 223	414232N0725534.1	ED SLADYOK	1963	185	C	6	160	88	X	OS	88	35	10-63	15	65	2	W	H	L, OWNER RPTS HARD WATER.
EG 224	415556N0724243.1	MAGNATECH D DSD	1968	180	C	8	49	45	S	OD	---	21	9-68	15	20	8	W	N	L, 8-IN SCREEN 45-49 FT., 015-IN SLOT.
EG 225	415623N0724219.3	CONN DEPT AERO	1969	150	C	12	95	83	G	OD	---	30	7-69	158	42	4R	W	P	L, 12-IN SCREEN 83-95 FT, MULT SLOT.
TOWN OF EAST HARTFORD																			
EH 1	414651N0723749.1	FINAST INC	1940	45	C	16	35	30	S	OT	---	4	4-40	90	24	---	W	U	C, L, 16-IN SCREEN 30-35 FT.
EH 3	414701N0723529.1	BERGREN DAIRY	1922	80	C	6	85	19	X	OS	19	10	3-22	35	30	---	W	U	
EH 5	414500N0723802.1	PRT WHTY DIV UA	1939	35	C	16	32	27	G	OT	---	3	8-39	400	22	---	W	N	16-IN SCREEN 27-32 FT., 060-IN SLOT.
EH 6	414508N0723756.1	PRT WHTY DIV UA	1939	35	C	16	30	25	G	OT	---	3	9-39	220	22	---	W	N	L, 16-IN SCREEN 25-30 FT.
EH 7	414507N0723806.1	PRT WHTY DIV UA	1939	40	C	16	31	26	G	OT	---	2	10-39	215	23	---	W	N	16-IN SCREEN 26-32 FT.
EH 8	414454N0723757.1	PRT WHTY DIV UA	1939	35	C	16	28	23	G	OT	---	1	10-39	96	24	---	W	N	16-IN SCREEN 23-28 FT.
EH 9	414449N0723757.1	PRT WHTY DIV UA	1939	35	C	16	29	24	G	OT	---	5	11-39	66	19	---	W	N	16-IN SCREEN 24-29 FT.
EH 10	414447N0723736.1	PRT WHTY DIV UA	1941	30	C	16	28	23	G	OT	---	5	4-41	88	19	---	W	N	16-IN SCREEN 23-28 FT, CLAY AT 28 FT.
EH 11	414451N0723734.1	PRT WHTY DIV UA	1941	35	C	16	19	14	G	OT	---	3	4-41	80	13	---	W	N	16-IN SCREEN 24-29 FT, CLAY AT 21 FT.
EH 12	414448N0723734.1	PRT WHTY DIV UA	1942	35	C	10	26	20	G	OT	---	---	---	100	---	---	W	N	L, 12-IN SCREEN 20-26 FT., 060-IN SLOT.
EH 13	414451N0723729.1	PRT WHTY DIV UA	1942	35	C	10	25	20	G	OT	---	---	---	60	---	---	W	N	L, 12-IN SCREEN 20-25 FT., 060-IN SLOT.
EH 14	414448N0723728.1	PRT WHTY DIV UA	1942	35	C	10	22	18	G	OT	---	---	---	55	---	---	W	N	12-IN SCREEN 18-22 FT., 060-IN SLOT.
EH 15	414449N0723726.1	PRT WHTY DIV UA	1942	35	C	10	24	19	G	OT	---	---	---	60	---	---	W	N	L, 12-IN SCREEN 19-24 FT., 060-IN SLOT.
EH 16	414447N0723726.1	PRT WHTY DIV UA	1942	35	C	10	23	17	G	OT	---	---	---	25	---	---	W	N	
EH 19	414458N0723747.1	PRT WHTY DIV UA	1949	40	C	8	268	258	S	OD	295	---	---	250	---	---	W	N	L, 12-IN SCREEN 17-23 FT., 060-IN SLOT.
EH 22	414433N0723634.1	THE BURNSIDE CO	1946	40	C	6	447	---	X	OS	0	F	11-48	265	---	---	W	U	L, 8-IN SCREEN 258-268 FT., 060-IN SLOT.
EH 26	414714N0723532.1	H W CAMPBELL	1946	110	C	6	140	100	X	OS	100	---	---	8	---	---	W	H	
EH 27	414718N0723512.1	MARTIN GLODE	1940	120	C	6	229	20	X	OS	20	19	7-48	30	---	---	W	H	0-300 FT; CLAY, RED, 100-140 FT; SED ROCK.
EH 29	414756N0723542.1	DEARDEN BRDS	1944	120	C	6	141	28	X	OS	28	35	-48	30	---	---	W	H	
EH 32	414737N0723542.1	R J GORMAN	1946	120	C	6	155	38	X	OS	38	35	-46	12	---	---	W	H	
EH 36	414643N0723654.1	BURNSIDE THEATRE	1949	50	C	6	600	138	X	OS	138	30	-49	140	470	---	W	H	
EH 37	414658N0723752.1	FINAST INC	1947	45	C	8	241	224	S	OD	241	37	4-48	500	93	36	W	N	L.
EH 41	414518N0723521.1	J N DELLA RIPA	1951	95	C	6	386	138	X	OS	136	---	---	0.4	---	---	W	H	C, L, 8-IN SCREEN 224-241 FT, MULT SLOT.

TABLE 1.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI- TUDE- OF L.S.D (FT.)	METHOD DRILLED	CASING DIAM. (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW- DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF EAST HARTFORD—CONTINUED																			
EH 42	414521N0723510.1	ROBT DE PIETRO	---	100	D	36	26	0	W	OT	---	8	3-54	30	---	---	W	H	C.
EH 44	414501N0723846.1	PRT WHTY DIV UA	1955	20	C	8	395	148	X	OS	148	42	2-55	150	30	6	W	U	L.
EH 159	414737N0723539.1	EAST HTFD GOLF	1965	120	C	8	400	50	X	OS	50	---	---	45	---	---	W	I	C.
EH 160	414613N0723531.1	JOHN KREGLSTEIN	1968	210	P	6	197	106	X	OS	84	---	---	10	---	---	W	H	C.L.
EH 161	414658N0723654.1	HTFD FREEZER IN	1961	55	C	8	740	148	X	OS	130	73	10-61	30	---	12	U	U	OWNER RPTS OBJECTIONABLE CL+DS CONC.
EH 162	414700N0723703.1	CLIFFORD SLICER	1963	55	C	6	195	165	X	OS	165	35	11-63	15	160	12	W	H	L.
EH 163	414559N0723643.1	SLVR LANES BC P	1959	55	P	8	702	57	X	OS	42	23	12-59	21	279	6	W	C	L.
EH 164	414413N0723822.1	PRT WHTY DIV UA	1968	15	W	2	48	43	S	OT	---	13	4-68	12	---	---	W	U	L,2.5-IN SCREEN 43-48 FT.,020-IN SLOT.
EH 165	414435N0723658.1	PRT WHTY DIV UA	1968	45	W	2	17	12	S	OT	---	4	4-68	13	---	---	T	U	L,2.5-IN SCREEN 12-17 FT.,030-IN SLOT.
EH 166	414433N0723700.1	PRT WHTY DIV UA	1968	45	W	2	15	10	S	OT	---	3	4-68	20	---	---	T	U	L,2.5-IN SCREEN 10-15 FT.,040-IN SLOT.
EH 167	414432N0723705.1	PRT WHTY DIV UA	1968	40	W	2	19	14	S	OT	---	3	4-68	15	---	---	T	U	L,2.5-IN SCREEN 14-19 FT.,040-IN SLOT.
EH 168	414428N0723657.1	PRT WHTY DIV UA	1968	40	W	2	15	10	S	OT	---	2	4-68	27	---	---	T	U	L,2.5-IN SCREEN 10-15 FT.,020-IN SLOT.
EH 169	414429N0723652.1	PRT WHTY DIV UA	1968	45	W	2	20	15	S	OT	---	2	4-68	51	---	---	T	U	L,2.5-IN SCREEN 15-20 FT.,030-IN SLOT.
EH 170	414438N0723658.1	PRT WHTY DIV UA	1968	40	W	2	15	10	S	OT	---	4	4-68	10	---	---	T	U	L,2.5-IN SCREEN 10-15 FT.,030-IN SLOT.
EH 171	414439N0723739.1	PRT WHTY DIV UA	1968	25	W	2	26	20	S	OT	---	13	4-68	30	---	---	T	U	L,2.5-IN SCREEN 20-26 FT.,040-IN SLOT.
EH 172	414441N0723723.1	PRT WHTY DIV UA	1968	30	W	2	20	15	S	OT	---	8	4-68	15	---	---	T	U	L,2.5-IN SCREEN 15-20 FT.,030-IN SLOT.
EH 173	414442N0723729.1	PRT WHTY DIV UA	1968	30	W	2	20	15	S	OT	---	8	4-68	15	---	---	T	U	L,2.5-IN SCREEN 15-20 FT.,030-IN SLOT.
EH 174	414520N0723758.1	PRT WHTY DIV UA	1968	40	W	2	25	20	S	OT	---	12	4-68	10	---	---	T	U	L,2.5-IN SCREEN 20-25 FT.,030-IN SLOT.
EH 175	414502N0723740.1	PRT WHTY DIV UA	1968	45	W	2	26	21	S	OT	---	9	5-68	30	---	---	T	U	L,2.5-IN SCREEN 21-26 FT.,030-IN SLOT.
EH 176	414516N0723739.1	PRT WHTY DIV UA	1968	45	W	2	26	21	S	OT	---	8	5-68	52	---	---	T	U	L,2.5-IN SCREEN 21-26 FT.,040-IN SLOT.
EH 177	414505N0723736.1	PRT WHTY DIV UA	1969	45	C	8	27	22	G	OT	---	8	4-69	111	10	25	W	N	L,8-IN SCREEN 22-27 FT.,080-IN SLOT.
TOWN OF EAST WINDSOR																			
EW 4	415555N0723528.1	J MIKALSON	1945	100	C	6	206	60	X	OS	60	11	-45	15	---	---	W	H	C.
EW 6	415333N0723504.1	E B WODLAN	1941	95	C	6	198	194	S	OD	198	61	7-48	20	120	---	W	H	C,L,6-IN SCREEN 194-198 FT.
EW 7	415352N0723513.1	KEVINETH WIMN	1963	90	C	6	152	132	D	OD	---	52	-48	30	---	---	W	H	L.
EW 10	415401N0723448.1	L STOUGHTON	1941	95	C	6	160	156	S	OD	160	52	7-48	30	---	4	W	H	C,L,6-IN SCREEN 156-160 FT.
EW 13	415318N0723409.1	A D ELSWORTH	1911	140	C	6	246	166	X	OS	166	81	-46	30	---	---	W	P	
EW 16	415326N0723212.1	F TERHUNE	---	180	C	6	75	15	X	OS	15	1	-48	55	---	---	W	H	
EW 19	415249N0723230.1	E MULNITE	---	195	C	6	165	20	X	OS	20	35	-48	50	---	---	W	H	
EW 20	415306N0723158.1	E MULNITE	1934	205	C	6	132	10	X	OS	10	19	-48	30	---	---	W	H	
EW 24	415437N0723313.1	ED STILES	1934	115	C	6	132	60	X	OS	60	59	-48	10	---	---	W	H	
EW 26	415351N0723312.1	APTHRS HAL WHSE	1920	145	C	6	152	80	X	OS	80	41	11-20	30	9	---	W	C	
EW 30	415409N0723223.1	R F CHAMBERLIN	1910	180	C	6	55	30	X	OS	30	15	-48	50	---	---	W	H	L.
EW 33	415501N0723121.1	TIM SULLIVAN	1916	205	C	6	118	68	X	OS	68	18	-48	50	---	---	W	H	
EW 36	415457N0723224.1	WILLIAM LOOS	1946	140	C	6	141	60	X	OS	60	19	-48	4	---	---	W	H	
EW 37	415449N0723216.1	ALBERT REICHEL	1948	170	C	6	202	68	X	OS	68	43	-48	35	---	---	W	H	
EW 41	415359N0723116.1	NEIL SORRENSON	---	200	C	6	142	60	X	OS	60	22	-48	40	---	---	W	H	L.
EW 44	415449N0723302.1	JAMES J LOFTUS	1921	55	C	6	40	20	X	OS	20	F	8-48	8	---	---	W	H	
EW 47	415617N0723144.1	J A HALL	1948	150	C	6	252	40	X	OS	40	41	-48	11	---	---	W	H	L.
EW 48	415625N0723106.1	MAHLON H PEASE	---	190	C	6	79	45	X	OS	45	30	-48	25	2	5	W	H	
EW 49	415616N0723423.1	BASS BROS	1947	120	C	6	83	78	S	OD	83	40	8-48	7	30	---	W	H	C,OWNER RPTS WELL ENDS ON ROCK.
EW 50	415504N0723234.1	BROAD BRK W CO	1925	110	C	6	362	63	X	OS	63	20	6-25	30	220	---	W	P	
EW 54	415514N0723549.1	W T HARRINGTON	1909	100	C	6	143	15	X	OS	15	---	---	5	---	---	W	H	C.
EW 67	415334N0723233.1	REGINALD AMES	1955	190	C	6	200	110	X	OS	110	65	11-55	10	25	2	W	H	L.
EW 69	415506N0723610.1	C E MERSHON	1956	115	C	6	111	27	X	OS	10	8	2-56	6	72	---	W	H	0-10 FT,HSPAN,RED,10-111 FT,ROCK,RED.
EW 70	415217N0723419.1	JAMES T KING JR	1956	105	C	6	209	125	X	OS	125	18	11-56	11	72	---	W	H	L.
EW 71	415215N0723420.1	STANLEY POLISKI	1956	100	C	6	170	125	---	OS	125	60	3-56	10	30	---	W	H	L.
EW 72	415413N0723313.1	ROBERT KUPEC	1957	130	C	6	215	131	---	OS	131	40	3-57	10	40	3	W	H	L.
EW 76	415252N0723529.1	CARL G WHEELER	1957	90	C	6	184	178	X	OS	178	74	7-57	18	26	8	W	H	L.
EW 77	415310N0723601.1	GEORGE MALINSON	1956	70	C	6	200	110	X	OS	110	52	9-56	9	148	---	W	H	L.
EW 78	415558N0723524.1	RICHARD HAMLIN	1956	95	C	6	235	72	X	OS	72	35	10-56	4	150	---	W	H	L.
EW 79	415600N0723510.1	JOSEPH MIKALSON	1957	100	C	6	201	151	X	OS	151	22	8-57	8	118	10	W	H	L.
EW 80	415409N0723415.1	R J SOUER	1957	120	C	6	164	115	X	OS	115	60	6-57	10	95	1	W	H	L.
EW 81	415442N0723406.1	WILLIAM TOTZECK	1957	90	C	6	105	105	O	OD	---	60	5-57	5	40	1	W	H	L.
EW 82	415403N0723150.1	EDWARD THRALL	1957	190	C	6	290	65	X	OS	65	70	4-57	5	50	---	W	H	L.
EW 83	415241N0723245.1	EMIL MULNITE	1957	180	C	6	360	60	X	OS	60	31	7-58	100	69	---	W	I	L.
EW 86	415541N0723344.1	JOHN RICE	1949	120	C	6	510	171	X	OS	171	90	12-49	10	34	---	U	U	L,OWNER RPTS VERY HARD WATER.
EW 87	415553N0723327.1	ED RADZIEWICZ	1954	110	C	6	250	188	X	OS	188	90	3-54	20	---	---	W	H	L,OWNER RPTS HARD WATER.
EW 88	415451N0723335.1	CONN WATER CO	1967	35	C	2	53	45	S	OD	---	7	12-67	50	---	168	U	U	L,2.5-IN SCREEN 45-50 FT.,040-IN SLOT.
EW 89	415450N0723335.1	CONN WATER CO	1967	35	C	2	44	39	S	OD	---	4	5-68	75	---	8	U	U	L,2.5-IN SCREEN 39-44 FT.,060-IN SLOT.
EW 90	415451N0723334.2	CONN WATER CO	1968	35	C	12	50	25	G	OD	50	10	5-68	702	14	50	W	P	C,L,P,23-IN SCREEN 25-50 FT.,055-IN SLOT.
EW 91	415304N0723416.1	RBT ELLSWORTH	1968	135	B	1	117	114	T	OD	---	93	10-68	---	---	---	O	U	L,W,0.25-IN SCRN 114-117 FT.,006-IN SLOT.
EW 92	415344N0723430.1	CARLOS E WATSON	1966	70	P	6	190	106	X	OS	100	---	---	10	---	10	W	H	C,L.
EW 93	415235N0723359.1	CONS CIGAR CO	1966	160	P	8	400	154	X	OS	150	---	---	50	---	20	W	I	C,L.
EW 94	415452N0723222.1	PRISCL GOETTLER	1966	155	P	6	205	86	X	OS	80	---	---	10	---	10	W	H	C,L.
EW 95	415302N0723155.1	CHARLES GILSON	1966	205	P	6	125	21	X	OS	11	15	10-66	6	85	4	W	H	C,L.

TABLE 1.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE OF L.S.D (FT.)	METHOD DRILLED	CASING DIAM-ETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF EAST WINDSOR--CONTINUED																			
EW 96	415512N0723414.1	RICRD WORONEKI	1967	110	P	6	370	193	X	OS	140	60	9-67	6	60	4	W	H	C.
EW 97	415617N0723208.1	ROBERT HAMBACH	1967	140	P	6	205	40	X	OS	35	---	---	15	---	7	W	H	C.
EW 98	415536N0723304.1	JOHN A BROWN	1965	90	P	6	190	102	X	OS	90	40	6-65	8	100	4	W	H	C.
EW 99	415451N0723324.1	BROAD BRK FLTR	1965	40	P	6	190	25	X	OS	15	2	7-65	20	143	4	W	H	C.
EW 100	415413N0723550.1	ROGER MICLETTE	1965	100	P	6	198	75	X	OS	62	30	11-65	20	130	4	W	H	OWNER RPTS VERY HARD WATER.
EW 101	415412N0723548.1	ALFRED JAY	1965	100	P	6	223	92	X	OS	80	30	11-65	15	145	4	W	H	C.
EW 102	415228N0723116.1	RALPH HASTILLO	1967	195	P	6	85	46	X	OS	40	---	---	50	---	15	W	H	C.L.
EW 103	415454N0723343.1	CONN WATER CO	1967	40	C	12	49	41	G	00	---	12	6-67	703	19	24	W	P	C.L., 12-IN SCREEN 41-49 FT., 060-IN SLOT.
EW 104	415448N0723335.1	CONN WATER CO	1969	50	C	8	71	52	G	00	71	23	2-69	524	6	14	W	P	C.L., 8-IN SCREEN 52-71 FT., MULT SLOT.
EW 105	415458N0723334.1	CONN WATER CO	1967	60	C	12	59	52	G	00	---	12	4-67	517	13	---	W	P	L, 12-IN SCREEN 52-59 FT., 180-IN SLOT.
EW 106	415504N0723334.1	CONN WATER CO	1967	85	C	12	114	101	G	00	112	50	11-67	350	28	48	U	P	C.L., 12-IN SCREEN 101-112 FT., MULT SLOT.
EW 107	415629N0723252.1	CONN WATER CO	1966	45	W	2	69	---	P	00	---	---	---	---	---	---	T	U	C.L.
EW 108	415500N0723336.1	CONN WATER CO	1966	51	W	2	63	40	S	00	---	14	6-66	60	---	---	D	U	L, 2.5-IN SCREEN 40-50 FT., 020-IN SLOT.
EW 109	415450N0723344.1	CONN WATER CO	1966	36	W	2	58	20	S	00	---	7	6-66	100	---	4	U	U	L, 2.5-IN SCREEN 20-30 FT., 030-IN SLOT.
EW 110	415454N0723343.2	CONN WATER CO	1966	42	C	8	69	48	S	00	61	12	7-66	503	17	168	U	U	C.L., 8-IN SCREEN 48-60 FT., 060-IN SLOT.
EW 111	415451N0723334.1	CONN WATER CO	1967	35	W	2	51	45	S	00	---	9	12-67	70	---	1	U	U	L, 2.5-IN SCREEN 45-50 FT., 040-IN SLOT.
EW 112	415316N0723635.1	SOUTHERN AUTO S	1965	60	P	6	355	92	X	OS	80	---	---	30	---	---	U	U	L.
EW 113	415444N0723408.1	WILLIAM A ABBE	1966	95	C	6	115	110	X	OS	110	52	3-66	7	48	2	W	H	L.
EW 114	415358N0723457.1	DONALD POMEROY	1966	95	C	6	185	185	O	00	---	60	3-66	30	---	2	W	H	L.
EW 115	415314N0723544.1	ADOLF BART	1966	80	C	6	146	146	O	00	---	48	3-66	30	---	2	W	H	L.
EW 116	415556N0723202.1	R PEDERSEN	1967	145	P	6	130	86	X	OS	75	30	6-67	50	70	4	W	H	L.
EW 117	415459N0723318.1	PAULNE LEGASSIE	1967	70	P	7	165	110	X	OS	110	21	7-67	6	99	5	W	H	L.
EW 118	415531N0723330.1	R L RISLEY	1967	105	P	6	162	162	O	00	---	75	8-67	40	15	4	U	H	L.
EW 119	415338N0723428.1	CHARLES CARR	1968	60	P	6	250	54	X	OS	40	40	2-68	8	80	4	W	H	L.
EW 120	415618N0723407.1	WLM BULGAJEWSKI	1968	120	P	6	200	144	X	OS	120	65	2-68	30	60	4	W	H	L.
EW 121	415254N0723529.1	MRS PY LAPDINTE	1968	80	P	6	182	180	X	OS	177	90	9-68	12	25	1	W	H	L.
EW 122	415559N0723513.1	AMIE BRETON	1964	100	C	6	155	155	O	00	---	60	1-64	4	80	1	W	H	L.
EW 123	415413N0723523.1	LEWIS D DESHLEY	1964	95	C	6	132	132	O	00	---	40	4-64	10	15	8	W	H	L.
EW 124	415302N0723524.1	LUS CHAPDELAIN	1964	90	P	6	170	170	O	00	---	60	6-64	50	65	4	W	H	L, OWNER RPTS HARD WATER.
EW 125	415314N0723414.2	A L ELSWORTH	1964	125	P	6	325	173	X	OS	173	75	6-64	7	225	4	U	H	L.
EW 126	415242N0723540.1	ALEX SZALAY	1965	75	C	6	129	129	O	00	---	60	3-65	20	20	2	W	H	L.
EW 127	415338N0723342.1	AINE BRETON	1965	125	C	6	172	172	O	00	---	40	6-65	12	20	2	W	H	L.
EW 128	415317N0723407.1	ROBERT A BLOUIN	1965	110	P	6	245	152	X	OS	140	40	6-65	10	160	4	W	H	L.
EW 129	415320N0723219.1	A BEAUXGARD	1965	195	C	6	50	20	X	OS	15	23	10-65	20	17	2	W	H	L.
EW 130	415222N0723252.1	M MANSFIELD	1969	175	P	6	125	20	X	OS	10	40	2-69	50	50	4	W	H	OWNER RPTS HARD WATER.
EW 131	415242N0723227.1	CALVIN BANCROFT	1967	215	P	6	70	20	X	OS	10	10	4-67	8	50	4	W	H	L.
EW 132	415250N0723533.1	MILAN SMITH	1965	90	C	6	164	164	O	00	---	100	4-65	12	40	2	W	H	L.
TOWN OF ELLINGTON																			
EL 2	415236N0722811.1	CHRIS LUGINBUHL	1933	235	C	6	103	40	X	OS	40	18	-48	22	---	---	W	H	L.
EL 12	415359N0722846.1	HARRY LIEBMAN	1943	255	C	6	68	40	X	OS	40	27	-48	33	---	---	W	H	L.
EL 15	415259N0722754.1	FREDCK SPIELMAN	1943	250	C	6	160	9	X	OS	9	10	-43	200	---	---	W	H	L.
EL 28	415359N0722648.1	ALVIN PETERSON	1941	525	C	8	92	7	X	OC	7	4	8-48	8	---	---	W	H	C.
EL 29	415420N0722722.1	C A CORDTSEN	---	305	C	6	408	34	X	OS	34	12	-48	38	---	---	W	H	L.
EL 30	415440N0722716.1	WALLACE BERGH	1945	300	C	6	142	40	X	OS	40	36	-48	35	---	---	W	H	L.
EL 34	415414N0722807.1	ELLINGTON WA CO	1862	240	C	6	255	125	X	OS	125	12	---	98	---	---	W	P	C.
EL 36	415429N0722857.1	CHARLES SHAPIRO	1948	225	C	6	118	60	X	OS	60	21	-48	30	---	---	W	H	L.
EL 39	415516N0723016.1	J D BEASLEY	1925	190	C	6	162	27	X	OS	27	23	-48	35	---	---	W	H	L.
EL 41	415505N0722816.1	JOHN BAILER	1925	220	C	6	118	50	X	OS	50	2	-48	100	15	2	W	H	L.
EL 42	415522N0722713.1	ROBERT E HYDE	1947	290	C	6	243	60	X	OS	60	50	-48	25	---	---	W	H	L.
EL 50	415652N0722856.1	C E AMES	---	390	C	6	204	90	X	OS	90	28	-48	30	---	---	W	H	L.
EL 55	415458N0722857.1	J DE CARLI	1955	200	C	6	135	65	X	OS	65	11	11-55	15	29	---	W	H	L.
EL 59	415503N0722714.1	GRACE I SIKES	1965	290	C	6	150	45	X	OS	45	30	8-65	5	70	4	W	H	C.L.
EL 60	415503N0722834.1	JOSEPH DECARLI	1955	220	C	6	155	65	X	OS	65	11	11-55	15	29	5	W	H	C.L.
EL 61	415339N0722908.1	ROGER RINARD	1958	280	C	4	150	80	X	OS	60	20	10-58	75	60	10	W	H	C.L.
EL 62	415618N0722719.1	HELEN MARSH	1964	240	C	6	145	62	X	OS	62	10	6-64	8	70	5	W	H	C.L.
EL 63	415416N0722821.1	SY LUKES CH	1962	245	P	6	194	107	X	OS	95	---	---	30	---	5	W	H	L.
EL 64	415253N0722750.1	COUNTY SO REST	1964	255	C	6	70	16	X	OS	16	7	4-64	20	5	3	W	C	L.
EL 65	415232N0722836.1	ACROMOLD PROD	1966	225	P	8	250	66	X	OS	60	24	1-66	50	176	5	W	N	L.
EL 66	415547N0722302.1	FRANCIS MANNER	1968	635	P	6	510	222	X	OC	210	5	4-68	5	295	4	W	C	L.
EL 67	415403N0722735.1	SHELL OIL CO	1968	275	P	6	111	57	X	OS	51	20	5-68	20	91	1	W	C	L.
EL 68	415410N0722747.1	TN OF ELLINGTON	1968	240	P	6	235	75	X	OS	75	30	7-68	20	120	4	---	---	L.
EL 69	415437N0722909.1	MRS MRY DECARLI	1963	230	C	6	184	150	X	OS	145	35	11-63	16	45	2	W	H	L.
EL 70	415302N0722857.1	PINY BK GN APTS	1968	230	P	6	115	39	X	OS	39	6	11-68	30	94	5	W	P	L.
EL 71	415412N0722726.1	HENERY MCCAFFEE	1969	300	P	6	160	10	X	OS	10	50	1-69	10	70	4	W	H	L.
EL 72	415237N0722854.1	RUSSEL WILLIAMS	1969	220	P	6	75	36	X	OS	36	6	5-69	8	64	4	W	H	L.
EL 73	415418N0722840.1	HARRY LIEBMAN	1969	240	P	6	145	30	X	OS	30	30	5-69	5	70	4	W	H	L.
EL 74	415524N0722707.1	ERNEST MEYER	1966	305	P	6	240	140	X	OS	140	52	6-66	6	58	5	W	H	L.
EL 75	415358N0722726.1	JOHN JOHNSON	1965	345	P	6	180	75	X	OS	75	20	8-65	30	90	4	W	H	L.

TABLE 2.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF LSD (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF ENFIELD																			
EF 2	415700N0723220.1	OLIVER BANCROFT	—	105	C	6	75	51	X	OS	51	60	-48	38	—	—	W	H	
EF 3	415731N0723225.1	MRS HOWE PIERCE	1908	130	C	6	82	38	X	OS	38	20	-48	35	—	—	W	H	
EF 5	415731N0723159.1	EDWARD J LYNCH	1929	125	C	6	300	13	X	OS	13	22	-48	50	—	—	W	H	0-33 FT:SAND,13-300 FT:SANDSTONE.
EF 8	415641N0723137.1	FRANK GOWDY	—	155	C	6	275	30	X	OS	30	20	-48	42	—	—	W	H	
EF 14	415838N0723021.1	SEVERYN STELMAK	1945	195	C	6	120	25	X	OS	25	28	-48	57	—	—	W	H	L.
EF 19	415840N0723400.1	WHL S JESHAJNSKI	1933	140	C	6	462	272	X	OS	272	65	-48	45	—	—	W	H	
EF 21	415942N0723149.1	JOHN HIGGALA	1913	190	C	6	146	35	X	OS	35	14	-48	36	—	—	W	H	L.
EF 24	420025N0723029.1	JOHN PETROSKI	1948	205	V	2	23	20	T	OS	—	6	-48	—	—	—	W	H	0-23 FT:SAND.
EF 28	420030N0723256.1	CHARLES PASINI	1930	165	C	6	164	18	X	OS	18	20	-48	1	—	—	W	H	L.
EF 31	420029N0713243.1	GUY MOODY	1941	160	C	6	125	34	X	OS	34	13	8-48	8	—	—	W	H	L.
EF 32	420037N0723232.1	LDUALA OLMSTEAD	1936	170	C	6	90	36	X	OS	36	5	-48	15	—	—	W	H	
EF 37	420030N0723502.1	D E HAYWARD	1948	105	C	6	170	130	X	OS	130	22	-48	8	—	—	W	H	
EF 44	420114N0723441.1	CONN WATER CO	1949	95	D	70	60	57	S	OS	—	2	4-48	1300	45	48	W	P	C,L,70-IN SCREEN 57-60 FT.
EF 47	420139N0723112.1	WILLIAM FLECK	1956	190	C	6	88	88	O	OS	—	1	4-56	20	60	8	W	H	L.
EF 48	420158N0723103.1	C C BERRIO	1956	210	C	6	122	58	X	OS	52	15	4-56	7	45	—	W	H	
EF 50	420045N0723151.1	CLARENCE SAVAGE	1955	170	C	6	157	66	X	OS	62	3	10-55	3	62	—	W	H	L.
EF 51	420143N0723217.1	LESLEY V JORDAN	1956	235	C	6	185	93	X	OS	90	51	1-56	6	49	—	W	H	L.
EF 52	415739N0723226.1	MARTIN LUCAS	1955	140	C	6	80	34	X	OS	34	31	10-55	20	44	3	W	H	
EF 53	415724N0723231.1	THOMAS JENKINSON	1955	130	C	6	90	44	X	OS	44	41	8-55	5	49	2	W	H	L.
EF 54	415711N0723329.1	ROBERT BELISLE	1955	105	C	6	195	175	X	OS	175	62	10-55	15	68	6	W	H	L.
EF 55	420010N0723050.1	WD TRICKETTE JR	1955	205	C	6	75	15	X	OS	11	14	8-55	22	14	3	W	H	0-12 FT:HPAN,12-75 FT:SHALE,RED.
EF 56	415917N0723336.1	JOSEPH SEMINARA	1956	160	C	6	180	175	S	OS	—	58	3-56	20	97	8	W	C	L,6-IN SCREEN 175-180 FT,.030-IN SLOT.
EF 57	420036N0723507.1	S ANDRADE	1955	110	C	6	158	115	X	OS	115	40	12-55	6	60	4	W	H	C,L.
EF 63	420117N0723234.1	HEMWAY TRANSP	1956	185	C	6	250	118	X	OS	118	16	11-56	10	84	6	W	C	L.
EF 65	415734N0723553.1	ROBERT M CARSON	1957	125	C	6	75	13	X	OS	13	15	7-57	14	55	6	W	H	0-23 FT:HPAN,13-75 FT:SHALE,RED.
EF 66	415827N0723611.1	FRANK MERCIK	1956	70	C	6	157	40	X	OS	36	12	4-56	8	38	—	W	H	C,L.
EF 68	415957N0723041.1	HAZARDVLE W CO	1957	270	C	8	503	95	X	OS	84	94	2-57	120	146	30	W	P	C,L.
EF 69	415706N0723232.1	HAZARDVLE W CO	1957	90	C	8	67	64	S	OS	67	34	3-57	40	31	8	T	U	L,8-IN SCREEN 64-67 FT,.040-IN SLOT.
EF 70	420108N0723046.1	CONN DPT COATNS	1950	330	C	10	438	135	X	OS	135	130	-50	50	73	—	U	U	
EF 73	420115N0723351.1	W L MCCracken	—	165	D	54	12	0	W	OS	—	6	7-67	—	—	—	U	U	W.
EF 74	420017N0723453.1	P A CROMBIE	1967	90	V	1	12	10	T	OS	—	3	11-67	—	—	—	O	U	W,1.25-IN SCREEN 10-12 FT,.006-IN SLOT.
EF 76	415835N0723454.1	ENFIELD DAIRY	1965	120	P	6	250	55	X	OS	45	—	11	—	—	—	W	C	C,L.
EF 77	415734N0723044.1	JOHN F LUDDY	1965	195	P	6	130	26	X	OS	20	—	20	—	10	—	W	H	C.
EF 78	415722N0723239.1	STEPHEN E TOBEY	1965	125	P	6	280	142	X	OS	135	—	10	—	24	—	W	H	C,L.
EF 79	415903N0723036.1	HAZARDVLE WA CO	1967	145	C	10	38	30	G	OS	—	1	3-51	10	30	—	W	P	C,L,10-IN SCREEN 30-38 FT,.060-IN SLOT.
EF 80	415905N0723039.1	HAZARDVLE WA CO	1964	145	C	10	31	24	G	OS	—	2	6-64	17	24	—	W	P	C,L,10-IN SCREEN 24-31 FT,.060-IN SLOT.
EF 81	415858N0723254.1	HAZARDVLE W CO	1955	100	C	8	480	26	X	OS	18	14	6-53	100	136	—	W	P	C.
EF 82	415831N0723330.1	HAZARDVLE W CO	1956	80	C	8	128	117	S	OS	—	17	—	350	—	—	W	P	L,0-30 FT:CLAY.
EF 83	415835N0723330.1	HAZARDVLE W CO	1960	75	C	12	98	83	S	OS	—	14	3-60	750	39	7	W	P	L,12-IN SCREEN 83-98 FT,.040-IN SLOT.
EF 84	415727N0723244.1	HAZARDVLE W CO	1966	105	C	10	100	85	S	OS	99	49	6-66	450	29	23	W	P	C,L,10-IN SCREEN 85-100 FT,.040-IN SLOT.
EF 85	415720N0723253.1	HAZARDVLE W CO	1965	95	C	10	104	91	S	OS	130	8-65	500	40	24	—	U	U	C,L,10-IN SCREEN 95-100 FT,.040-IN SLOC.
EF 86	415721N0723247.1	HAZARDVLE W CO	1965	100	C	10	105	93	S	OS	130	45	8-65	500	23	24	U	U	C,L,10-IN SCREEN 93-105 FT,.040-IN SLOC.
EF 87	415700N0723228.1	HAZARDVLE W CO	—	75	C	8	245	48	X	OS	23	F	—	100	95	24	W	P	WELL FLOWS,DRAWN VALUE IS MINIMUM.
EF 88	415657N0723225.1	HAZARDVLE W CO	1962	100	—	8	252	—	X	OS	—	8	—	104	172	—	W	P	C.
EF 89	420117N0723443.1	CONN WATER CO	—	95	D	70	59	—	S	OS	—	26	2-68	500	23	—	W	P	
EF 90	420108N0723445.1	CONN WATER CO	1965	120	C	18	75	65	G	OS	—	40	6-65	795	20	21	W	P	C,L,18-IN SCREEN 65-75 FT,.170-IN SLOT.
EF 91	420109N0723214.1	CONN WATER CO	1966	185	C	8	92	82	S	OS	92	15	12-66	50	55	25	Z	P	L,8-IN SCREEN 82-92 FT,.100-IN SLOT.
EF 92	420059N0723154.1	CONN WATER CO	1966	175	W	2	64	58	P	OS	—	—	—	23	—	—	T	U	C,L,2.9-IN PERF CAS 58-64 FT.
EF 93	420143N0723209.1	ALBERT C BUTLER	1958	230	P	2	59	52	S	OS	—	42	8-58	3	—	4	U	U	L,2.9-IN SCREEN 52-59 FT,.050-IN SLOT.
EF 94	420041N0723150.1	EARL QUIMBY	1961	170	P	6	100	73	X	OS	70	—	2-61	18	11	8	W	H	L.
EF 95	415720N0723231.1	AURTHUR NEWPORT	1962	130	P	6	144	90	X	OS	80	—	—	—	3	—	W	H	L.
EF 96	415917N0723504.1	HURLEY	1964	115	P	6	103	52	X	OS	47	20	1-64	25	80	2	U	H	L.
EF 97	415921N0723502.1	JOHN MEYER	1964	115	P	6	193	79	X	OS	63	30	1-64	4	160	1	W	H	L.
EF 98	420131N0723314.1	MERTON NELSON	1964	185	P	6	165	131	X	OS	127	40	5-64	8	115	1	W	H	L.
EF 99	415852N0723105.1	DEBELL RICHARDSON	1964	170	C	10	495	30	X	OS	20	55	7-64	200	136	24	W	N	0-20 FT:SAND,20-495 FT:ROCK,RED.
EF 100	420127N0723225.1	R HAYFIELD	1965	215	P	8	208	146	X	OS	142	38	6-65	4	170	2	W	H	L.
EF 101	415944N0723317.1	ELMER J RIVERS	1965	160	P	6	248	248	G	OS	—	70	6-65	15	52	1	W	H	L.
EF 102	420120N0723253.1	JOHN SWOLZ	1965	190	P	6	436	172	X	OS	166	30	8-65	100	270	48	W	I	L.
EF 103	420055N0723135.1	YANKEE CASTG CO	1966	170	P	6	121	61	X	OS	57	5	1-66	8	116	1	W	N	L.
EF 104	420122N0723237.1	ATLTC REFG CO	1966	190	P	6	293	173	X	OS	167	40	7-66	20	253	1	W	C	L.
EF 105	420119N0723236.1	HEMWAY TRANSP	1966	185	P	6	277	176	X	OS	166	26	10-66	50	174	1	W	C	L.
EF 106	420106N0723224.1	TEMPO REALTY	1967	175	P	6	185	102	X	OS	94	12	3-67	12	78	1	W	H	L.
EF 107	415830N0723221.1	RAY E BOISJOLIE	1967	160	P	6	220	155	X	OS	150	120	10-67	10	100	2	W	H	L.
EF 108	420120N0723226.1	PERRY	1968	190	P	6	246	129	X	OS	116	18	3-68	8	228	—	W	H	L.
EF 109	420004N0723242.1	THEODORE KULA	1968	175	P	6	250	175	X	OS	170	—	—	7	—	—	W	H	L.
EF 110	420136N0723240.1	RICH D VELLETTTE	1968	200	P	6	202	120	X	OS	112	21	7-68	6	181	1	W	H	L.
EF 111	420109N0723041.1	CONN DPT COATNS	1959	325	C	8	700	135	X	OS	135	100	-59	223	—	24	W	T	
EF 112	415909N0723323.1	HAZARDVLE WA CO	1954	135	C	8	500	213	X	OS	199	61	-54	100	171	—	T	U	L.
EF 113	420106N0723552.1	HALLMARK CARDS	1960	75	C	24	45	40	G	OT	45	24	5-60	425	9	120	W	N	L,24-IN SCREEN 40-45 FT,.125-IN SLOT.

TABLE 1.--RECORDS OF WELLS--CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE OF L.S.D. (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF FARMINGTON																			
F 9	414321N0724610.1	MPL R FMS W ASN	1950	250	C	8	233	18	X	OS	6	20	12-55	67	92	4	W	P	C.
F 10	414347N0724606.1	T CRANE	1940	240	C	6	150	28	X	BA	7	10	5-50	7	65	---	W	H	L.
F 14	414507N0724619.1	C F BEACH AD CO	1941	650	C	6	428	86	X	OS	75	142	4-41	19	58	---	W	H	L.
F 17	414308N0724821.1	HENRY LEVIN	1944	395	C	6	155	40	X	OS	20	45	-44	30	---	---	W	H	L.
F 69	414307N0724712.1	HILLTOP ACRES	1950	375	C	8	510	86	X	BA	80	50	7-50	50	---	---	W	P	L.
F 74	414347N0724655.1	JOHN J ECKERT	1955	325	C	6	156	93	X	OS	92	20	10-55	8	60	---	W	H	L.
F 90	414419N0724731.1	GED BONVOULOIR	1951	310	C	6	134	57	X	BA	20	13	9-51	10	37	---	W	H	L.
F 102	414203N0724958.1	WMNB TV	1955	720	C	6	465	18	X	OS	4	225	-55	4	20	---	W	C	L.
F 201	414320N0724715.1	JOHN LOCKWOOD	1956	345	C	6	126	65	X	BA	65	22	9-56	5	104	2	W	H	L.
F 202	414314N0724720.1	ARMAND FRADETTE	1955	340	C	6	239	64	X	BA	64	8	11-55	3	231	5	W	H	L.
F 212	414300N0724801.1	C NELSON	1955	375	C	6	193	70	X	OS	70	20	7-55	15	70	3	W	H	L.
F 222	414345N0724640.1	JOSEPH A MORRIS	1968	370	P	6	260	147	X	OS	140	40	11-68	30	220	1	W	H	C.
F 223	414215N0724929.1	ABOMIO AND SONS	1952	410	C	6	370	---	X	OS	0	15	4-52	30	50	---	W	N	L.
F 224	414334N0724609.1	E FROTH W SUP A	---	240	C	6	196	29	X	OS	6	14	---	40	134	---	U	U	
TOWN OF GLASTONBURY																			
GL 18	414356N0723256.1	EARL MITCHELL	1912	320	C	6	224	14	X	OS	14	16	-48	14	---	---	W	H	WELL FLOWED 3 GPM WHEN DRILLED.
GL 22	414247N0723224.1	ALBERT STANLEY	1946	315	C	6	190	15	X	OC	17	F	-48	18	187	---	W	H	WELL FLOWS, DRWDN VALUE IS MINIMUM.
GL 46	413909N0723445.1	LOUIS SCAGLIA	1930	370	C	6	210	57	X	OC	17	15	-48	6	65	---	W	H	C.
GL 76	414054N0723244.1	R MASSA	1930	370	C	6	353	107	X	OC	107	---	---	0.7	---	---	W	H	C.
GL 103	414303N0723301.1	S J AIELLO	1953	185	C	2	30	28	T	OD	---	15	3-54	15	---	---	W	H	C, 2-IN SCREEN 28-30 FT.
GL 106	413928N0723709.1	JON QUAGLIAROLI	1954	55	C	6	400	126	X	OS	123	---	---	3	---	---	W	H	L.
GL 123	414151N0723401.1	WLM DOMBROWSKI	1957	250	C	6	305	100	X	OS	100	42	9-57	8	258	---	W	H	L.
GL 124	414221N0723339.1	THOMAS W REILY	1957	220	C	6	349	66	X	OS	66	100	1-57	2	249	---	W	H	L.
GL 126	414215N0723406.1	JOHN SCAGLIA	1957	140	C	8	37	35	G	OD	---	10	1-57	50	24	8	W	H	C, 8-IN SCREEN 32-37 FT.
GL 205	414340N0723300.1	ROBERT CHARRON	1957	290	C	6	140	20	X	OS	26	6	1-57	7	73	1	W	H	C.
GL 206	414307N0723354.1	PILGRAM CHURCH	1963	170	C	6	240	60	X	OS	60	40	1-63	6	85	5	W	T	C, L.
GL 207	414300N0723234.1	EDMUND HELLSTOM	1964	230	C	6	203	65	X	OS	63	25	2-64	6	10	---	W	H	C, L.
GL 208	413809N0723738.1	CONNS CIGAR CORP	1959	50	C	6	330	200	X	OS	200	50	7-59	55	20	30	W	H	C, L.
GL 209	414229N0723359.1	DONALD HEWINSO	1955	160	C	6	67	60	S	OD	---	39	9-55	3	29	3	W	H	L, 6-IN SCREEN 60-67 FT., 020-IN SLOT.
GL 210	414155N0723159.1	D DAWSON	1955	395	C	6	66	66	O	OD	---	34	12-55	18	61	8	W	H	L.
GL 211	414201N0723157.1	JAMES INGRAMHAM	1956	400	P	6	142	64	X	OC	64	35	2-56	6	90	1	W	H	L.
GL 212	414257N0723305.1	ROBERT VEINS	1956	185	C	6	53	53	O	OD	---	6	4-56	15	9	6	W	H	L.
GL 213	414311N0723321.1	EDWARD NORDSTROM	1959	190	P	6	231	51	X	OS	47	51	3-59	3	180	3	W	H	L.
GL 214	414255N0723321.1	DOM PELLIZZARI	1959	185	P	6	44	40	S	OD	---	20	9-59	20	10	2	W	H	L, 5-IN SCREEN 40-44 FT., 020-SLOT.
GL 215	414323N0723309.1	G FRANKENBERGER	1961	300	P	6	158	106	X	OS	100	65	1-61	10	25	1	W	H	L.
GL 216	414130N0723207.1	WEIR	1963	320	P	6	240	42	X	OC	36	40	11-63	4	200	2	W	H	L.
GL 217	414034N0723500.1	P R KROUGH	1963	270	P	6	277	72	X	OC	65	20	11-63	1	250	4	W	H	L.
GL 218	414230N0723233.1	WILLIAM OELL	1963	215	C	6	200	66	X	OS	66	60	3-63	1	90	10	W	H	L.
GL 219	414302N0723233.1	METRO DIST COMM	1964	225	V	2	40	37	T	OD	---	20	1-64	4	7	8	W	H	L, 2-IN SCREEN 37-40 FT.
GL 220	414303N0723344.1	PHILIP GOLDBERG	1964	170	P	6	77	75	S	OD	---	15	4-64	20	---	---	W	H	L, 6-IN SCREEN 75-77 FT., 040-IN SLOT.
GL 221	414255N0723339.1	JOHN SLOGESKY	1965	175	P	6	295	60	X	OS	50	20	7-65	0.4	260	4	U	U	0-50 FT SAND & GRVL, 50-295 FT SED ROCK
GL 222	414317N0723216.1	R R FRANKLIN	1966	265	C	6	107	107	O	OD	---	40	10-66	4	60	---	W	H	104-107 FT GRAVEL
GL 223	414225N0723417.1	AARON SUGGS JR	1967	150	P	6	88	83	S	OD	---	40	8-67	4	43	8	W	H	L, 5-IN SCREEN 83-88 FT., 020-IN SLOT.
GL 224	414321N0723201.1	W G ROBERTSON	1969	345	P	6	550	131	X	OS	120	40	3-69	4	510	4	W	H	L.
GL 225	414303N0723256.1	A J MASSOLINO	1957	190	C	6	58	54	S	OD	---	12	5-57	5	18	3	W	H	L, 6-IN SCREEN 54-58 FT., 100-IN SLOT.
GL 226	414347N0723310.1	DOUGLAS COMBS	1956	285	C	6	103	11	X	OS	10	10	6-56	7	60	1	W	H	L.
GL 227	413922N0723629.1	JOSEPH CLEMENS	1957	150	C	6	160	85	X	OS	85	63	6-57	6	97	---	W	H	L.
GL 228	414017N0723305.1	METRO DIST COMM	1966	245	C	2	47	18	P	OD	---	3	6-66	20	---	---	T	U	L, 2.5-IN PERF CAS 18-20 FT.
GL 229	414348N0723227.1	METRO DIST COMM	1966	210	C	1	35	28	S	OD	---	5	7-66	60	---	3	T	U	L, 2.25-IN SCREEN 28-35 FT., 060-IN SLOT
GL 230	414202N0723253.1	TWN GLASTONBURY	1965	385	C	6	62	52	G	OD	---	24	12-65	150	10	24	W	T	L, 8-IN SCREEN 52-62 FT., 040-IN SLOT.
TOWN OF HARTFORD																			
H 1	414620N0724016.1	HYFD PROVIS CO	1919	25	C	6	306	25	X	OS	25	14	2-19	22	6	---	W	C	L.
H 11	414758N0723939.1	FULLER BRUSH CO	1942	40	C	8	640	50	X	OS	45	12	6-42	150	118	24	U	U	C.
H 12	414602N0724023.1	SAGE ALLEN INC	1910	60	C	8	316	---	X	OS	---	6	-10	207	212	---	U	U	C.
H 14	414642N0724152.1	BRY-CHAP DAIRY	1918	60	C	8	398	91	X	OS	90	---	---	40	---	---	W	N	C.
H 15	414558N0724044.1	HELCO	---	30	C	10	600	---	X	OS	---	12	-38	50	100	---	W	A	
H 22	414506N0724232.1	ROYAL TYPE CO	1913	60	C	8	502	135	X	OS	135	27	1-13	50	473	---	U	U	C.
H 29	414439N0724102.1	WEBSTER THEATER	1937	100	C	8	500	20	X	OS	6	12	6-37	106	133	---	W	A	
H 49	414523N0724253.1	H P HOOD AD SON	1925	75	C	8	366	79	X	OS	78	9	9-25	50	---	---	U	U	
H 50	414523N0724114.1	S BERGMAN RL ES	1922	85	C	6	195	54	X	OS	54	16	5-22	20	184	---	U	U	
H 53	414739N0724153.1	A W LOWRIE INC	1924	125	C	6	160	42	X	OS	40	30	5-24	30	---	---	U	U	0-40 FT HPAN, 40-360 FT SED ROCK.
H 54	414415N0723939.1	HYFD TRNSNT CMP	1935	10	C	6	231	62	X	OS	60	7	1-35	60	93	---	Z	U	
H 55	414548N0724038.1	TWN HARTFORD PC	1934	25	C	6	406	35	X	OS	34	10	7-34	60	90	---	U	U	
H 57	414711N0724026.1	E E MUCKE A SON	1937	60	C	8	298	33	X	OS	33	65	10-37	40	135	---	W	N	0-33 FT SAND, CLAY, 33-298 FT SED ROCK.
H 58	414614N0724014.1	PUBLIC MARKET	1919	25	C	6	185	57	X	OS	57	22	7-19	30	33	---	Z	U	0-57 FT CLAY, SAND, 57-385 FT ROCK, RED.
H 65	414727N0724003.1	NL SHERARDIZING	1953	25	C	6	194	36	X	OS	35	16	7-33	10	134	---	U	U	

TABLE 1.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF LSD (FT.)	METHOD DRILLED	CASING DIAM-ETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER TO LEVEL DATE MEAS.	YIELD (GPH)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF HARTFORD—CONTINUED																			
M 69	414741N0723941.1	JOHN DIAKUN	1922	20	C	6	150	10	X	OS	9	2	2-22	6	20	—	U	U	
M 71	414352N0724156.1	A J CERATH	1919	110	C	6	117	30	X	OS	29	2	2-19	7	—	—	U	U	
M 103	414503N0724209.1	KILIAN STL BALL	1957	40	C	8	480	79	X	OS	75	55	8-51	160	55	—	U	U	
M 104	414759N0724137.1	MT SINAI HOSPITAL	1956	125	C	10	240	32	X	OS	24	9	4-56	150	121	8	U	N	
M 105	414723N0723932.1	MEDW LMS BMLG C	1959	15	C	8	357	34	X	OS	27	6	5-59	129	194	16	W	C	L,CASING CEMENTED INTO ROCK.
M 106	414604N0724053.1	SHOREHAM MT HTL	1959	35	C	10	500	43	X	OS	36	6	7-59	67	294	8	W	C	L,8-IN DIAM 300-500 FT.
M 107	414555N0724015.1	PHOENIX MUT LIF	1963	35	C	6	107	26	X	OS	4	4	7-63	15	56	14	U	C	
M 108	414736N0723940.1	CITY AUTO PARTS	1959	20	C	6	100	23	X	OS	23	8	1-59	4	17	1	W	C	
M 109	414558N0724129.1	AETNA LIFE CASUL	1963	75	C	10	410	76	X	OS	64	80	4-63	115	120	18	U	C	8-IN DIAM 250-410 FT.
TOWN OF MANCHESTER																			
M 1	414822N0723317.1	HARTMAN TOBACCO	1944	160	C	6	315	10	X	OS	10	20	4-8	50	—	—	W	H	
M 4	414520N0723408.1	WILLIAM SPACEK	1933	135	C	6	175	75	X	OS	75	22	4-8	10	—	—	W	H	
M 12	414607N0723340.1	JOSEPH LEE	1936	115	C	6	151	50	X	OS	50	3	4-8	3	—	—	W	H	
M 46	414545N0723406.1	TWN MANCHESTER	1944	220	C	10	60	50	S	OD	—	6	750	11	—	—	U	H	C, 8-IN SCREEN 50-60 FT.
M 49	414750N0723035.1	LYDALL FOULDS	1943	225	C	8	419	18	X	OS	13	28	4-3	122	—	—	W	N	
M 57	414804N0723336.1	HARTMAN TOBACCO	1949	145	C	10	65	55	G	OD	—	32	11-49	250	25	24	W	C	C,10-IN SCREEN 55-65 FT.,060-IN SLOT.
M 58	414642N0723333.1	TWN MANCHESTER	1950	80	C	12	64	49	G	OD	—	2	4-54	450	29	24	W	P	C,12-IN SCREEN 49-64 FT.
M 59	414544N0723404.1	TWN MANCHESTER	1953	225	C	12	52	37	G	OD	—	12	12-53	560	28	48	W	P	L,12-IN SCREEN 37-52 FT.
M 60	414745N0723027.1	LYDALL FOULDS	1950	250	C	10	402	25	X	OS	7	35	5-50	457	59	24	W	N	C,8-IN DIAM 150-602 FT.
M 64	414752N0723329.1	HUMBLE OIL CO	1956	150	C	6	380	225	X	OS	223	30	5-56	12	75	8	W	C	
M 68	414654N0723447.1	BERGREN DAIRY	1906	140	C	6	125	16	X	OS	16	—	—	5	—	—	Z	U	C.
M 69	414755N0723014.1	MANCHESTER W CO	1957	290	C	10	600	91	X	OS	75	95	12-57	350	59	28	U	U	
M 70	414500N0723042.1	TWN MANCHESTER	1958	290	C	10	540	57	X	OS	45	13	8-58	570	86	24	W	P	L,8-IN DIAM 300-540 FT.
M 71	414657N0722831.1	TWN MANCHESTER	1957	470	C	6	125	74	X	OC	74	35	12-57	10	85	8	W	H	
M 73	414525N0723425.1	J BOWKLEY	1956	130	C	6	110	110	O	OD	—	20	12-56	15	20	2	W	H	O-110 FT;SAND AND GRAVEL.
M 74	414809N0723404.1	PHILIP IRELAND	1958	145	C	6	170	82	X	OS	82	56	6-58	10	24	—	W	H	
M 75	414518N0723228.1	TWN MANCHESTER	1958	190	C	10	812	33	X	OS	17	9	2-58	80	111	24	U	U	L,8-IN DIAM 300-812 FT.
M 76	414739N0723024.1	MANCHESTER W CO	1959	280	C	10	650	43	X	OS	25	37	12-59	300	298	100	W	P	C,8-IN DIAM 250-650 FT.
M 77	414724N0723029.1	MANCHESTER W CO	1960	295	C	10	700	32	X	OS	22	22	2-60	149	188	10	W	P	C,8-IN DIAM 260-700 FT.
M 78	414717N0723321.1	MANCHESTER W CO	1960	85	C	12	78	63	S	OD	—	8	3-60	750	25	100	W	P	C,12-IN SCREEN 63-78 FT.,030-IN SLOT.
M 79	414718N0723326.1	MANCHESTER W CO	1960	80	C	12	98	83	S	OD	—	6	1-60	700	29	100	U	U	L,12-IN SCREEN 83-98 FT.,060-IN SLOT.
M 135	414747N0723108.1	ROGERS PAPER CO	1961	200	C	10	575	24	X	OS	14	8	10-61	448	96	24	W	N	C,1,8-IN DIAM 265-575 FT.
M 136	414747N0723350.1	A BOTTICELLO	1962	200	C	6	180	45	X	OS	45	60	12-62	3	120	—	W	S	C.
M 137	414532N0723312.1	MANCHESTER PACK	1965	170	P	6	950	50	X	OS	50	40	5-65	18	310	4	W	N	C,1,8-IN DIAM 265-575 FT.
M 138	414527N0723410.1	MORMON CHURCH	1965	135	P	6	173	72	X	OS	60	30	5-65	75	95	4	W	C	C,1,8-IN DIAM 265-575 FT.
M 139	414600N0723407.1	RAYMOND MILLER	1965	130	P	6	400	125	X	OS	125	—	—	50	—	—	W	H	C,1,8-IN DIAM 265-575 FT.
M 140	414554N0723013.1	LUTZ JR MUSEUM	1968	270	P	6	175	40	X	OS	30	20	2-68	5	140	4	W	T	C.
M 141	414545N0723046.2	TWN MANCHESTER	1963	220	C	12	60	49	S	OD	—	19	11-63	600	16	24	W	P	C,1,8-IN DIAM 265-575 FT.
M 142	414546N0723102.1	TWN MANCHESTER	1967	210	C	12	78	60	S	OD	78	9	5-67	500	23	65	W	P	C,1,8-IN DIAM 265-575 FT.
M 143	414530N0722803.1	HARRY SIEBERT	1968	705	P	6	250	30	X	OC	20	50	10-68	15	80	4	W	H	C,1,8-IN DIAM 265-575 FT.
M 144	414534N0723123.1	ROYAL ICE CREAM	1955	235	C	6	135	35	X	OS	35	18	9-55	35	6	—	W	N	C.
M 145	414648N0722827.1	WALKER BRIGGS J	1955	520	C	6	148	95	X	OC	95	48	12-55	12	52	—	W	H	O-95 FT;SAND&GRVL,95-148 FT;ROCK,GRAY.
M 146	414601N0722831.1	JOSEPH R DAY	1956	490	C	6	103	50	X	OC	50	20	11-56	7	83	—	W	H	O-50FT;SAND,50-103;ROCK,GRAY.
M 147	414602N0723407.1	JOHN A HILL	1962	135	C	6	170	115	X	OS	115	65	12-62	6	105	—	W	H	
M 148	414743N0723334.1	KLOCK CORP	1963	150	P	6	485	243	X	OS	243	65	2-63	22	135	8	W	U	L.
M 149	414526N0723407.1	FRANK MANNER	1964	135	P	6	400	170	X	OS	150	40	1-64	10	160	4	W	H	
M 150	414428N0723105.1	MARIAN EDDY	1964	340	C	6	105	40	X	OS	34	7	1-64	6	98	2	W	H	
M 151	414511N0723412.1	RENATO CIMIANO	1965	120	P	6	120	90	X	OS	90	30	8-65	20	90	8	W	H	
M 152	414740N0723345.1	KLOCK CO	1968	150	P	8	845	123	X	OS	110	70	4-68	25	630	24	W	N	L.
M 153	414739N0723355.1	MORLAND TOOL CO	1968	155	P	6	400	94	X	OS	85	16	11-08	14	234	4	W	N	O-120 FT;SAND,FINE, & SILT.
M 154	414641N0723330.1	TWN MANCHESTER	1949	80	C	8	80	65	S	OD	—	6	11-49	150	52	48	T	U	L,8-IN SCREEN 65-80 FT.,040-IN SLOT.
M 155	414544N0723041.2	TWN MANCHESTER	1953	225	C	8	53	43	S	OD	53	4	10-53	375	40	24	T	U	L,8-IN SCREEN 43-53 FT.
M 156	414437N0723103.1	MANCHESTER CC	1966	335	C	10	480	41	X	OS	31	40	4-66	150	160	24	W	I	
TOWN OF NEW BRITAIN																			
NB 3	414125N0724711.1	STAN CIESLOWSKI	1916	315	C	6	89	60	X	OS	60	30	8-16	15	40	—	Z	U	
NB 13	414009N0724732.1	STANLEY WORKS	1912	195	C	6	252	30	X	BA	30	—	3-8	125	—	—	W	N	
NB 17	414004N0724811.1	STANLEY WORKS	1924	230	C	10	252	—	X	OS	0	F	—	220	80	—	W	N	
NB 38	424004N0724655.2	LEWITTS	1948	275	C	6	404	38	X	OS	38	30	4-8	325	90	24	W	A	WELL FLOWS,DRWN VALUE IS MINIMUM.
TOWN OF NEWINGTON																			
N 3	414231N0724312.1	HARRY BANKS	1922	70	C	6	92	92	O	OD	—	19	9-22	15	21	—	Z	U	
N 5	414247N0724353.1	R M BISHOP	1922	95	C	6	110	66	X	OS	65	4	2-22	6	—	—	U	U	
N 15	414108N0724246.1	INDIAN HILL CC	1920	160	C	6	209	18	X	OS	0	32	5-20	30	11	—	U	U	
N 17	414125N0724440.1	CARL DANIELSON	1922	135	C	6	135	16	X	OS	16	29	6-22	7	106	—	U	U	
N 18	414141N0724322.1	J ROSWELL	1936	95	C	6	81	16	X	OS	16	25	9-36	10	35	—	U	U	
N 26	414124N0724355.1	F GROBOWSKI	1915	90	C	6	128	70	X	OS	65	20	8-15	4	108	—	U	U	
N 30	414129N0724444.1	HAMMER A LARSON	1921	130	C	6	62	14	X	OS	14	23	7-21	4	39	—	W	H	
N 46	414247N0724316.1	LAWSON	1919	75	C	6	98	98	O	OD	—	28	7-55	5	70	—	W	H	
N 50	414115N0724257.1	JANE L MCNERNEY	1916	150	C	6	94	6	X	OS	54	47	11-16	20	13	—	W	H	
N 56	414231N0724309.1	D PATERNOSTRO	1915	70	C	6	89	89	O	OD	—	20	7-15	—	15	—	W	H	L. O-88.8 FT;SAND & GRAVEL.

TABLE 1.--RECORDS OF WELLS--CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF L.S.D (FT.)	METHOD DRILLED	CASING DIAM-ETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF NEWINGTON--CONTINUED																			
N 58	414145N0724326.1	PITTSINGER	1922	95	C	6	68	68	D	OD	--	32	1-22	4	--	--	U	U	0-68 FT.SAND.
N 60	414028N0724406.1	CHAS RINGQUIST	1931	140	C	6	168	57	X	OS	50	52	11-31	15	13	--	W	H	
N 74	414145N0724320.2	KEENEY MFG CO	1953	100	C	8	330	75	X	OS	68	74	7-55	144	65	7	W	H	C,68-257 FT.ROCK,BRN,257-330 FT.SLATE.
N 76	414026N0724344.1	F RDILEY	1906	110	C	6	74	32	X	OS	32	29	7-55	15	--	--	W	H	
N 93	414125N0724225.1	HI-VIEW MOTEL	1955	255	C	6	440	11	X	OS	3	70	7-55	20	60	2	W	C	L.
N 196	414147N0724231.1	A N JORGENSEN	1966	290	P	6	330	20	X	OS	6	150	2-66	10	--	--	W	H	C,L.
N 197	414309N0724302.1	TUBE BENOS INC	1966	70	C	6	325	205	X	OS	205	36	3-66	25	143	9	W	N	C,L.
N 198	414110N0724355.1	INDIAN HILL CC	1969	75	C	10	350	46	X	OS	46	44	8-69	61	--	24	W	I	L,8-IN DIAM 260-350 FT.
N 199	414126N0724414.1	INDIAN HILL CC	1969	100	C	10	350	30	X	OS	25	44	8-69	110	177	24	W	I	L,8-IN DIAM 250-350 FT.
N 200	414121N0724426.1	INDIAN HILL CC	1969	120	C	10	410	18	X	OS	17	7	8-69	250	129	28	W	I	C,L,8-IN DIAM 235-430 FT.
N 201	414129N0724231.1	ED SEREMET	1956	285	C	6	476	12	X	OS	0	150	1-56	20	15	2	W	H	L.
TOWN OF PORTLAND																			
P 36	413453N0723429.1	RUDDOLF WEITZEL	--	520	C	6	283	100	X	OC	100	--	--	17	--	--	W	H	C.
P 53	413355N0723523.1	E M HARE	1942	150	C	6	176	176	D	OD	--	97	--	25	--	--	W	H	L.
P 54	413353N0723525.1	WALTS DRIVE IN	1948	150	C	6	218	174	X	OC	174	105	6-48	13	--	--	W	C	L.
P 66	413451N0723551.1	JOHN HARPER	1951	125	C	6	146	146	D	OD	--	58	7-51	15	--	--	W	H	C.
P 68	413347N0723512.1	TAYLORS DOGHSE	1948	130	C	6	228	193	X	OC	193	80	8-48	12	78	--	W	C	L.
P 69	413618N0723613.1	TWN PORTLAND MO	1950	40	C	10	--	51	G	OD	66	16	1-50	402	13	9	W	P	C,L,10-IN SCREEN 53-66 FT.
P 75	413434N0723748.1	BALDWIN AMATO	1947	205	C	6	300	19	X	OS	3	55	5-47	6	85	--	W	H	
P 76	413438N0723745.1	JOHN J COONEY	1947	250	C	6	156	19	X	OS	4	25	5-47	6	55	--	W	H	
P 78	413432N0723729.1	STANLEY CASPER	1956	250	C	6	150	6	X	OS	3	50	8-56	6	90	--	W	H	
P 89	413339N0723525.1	ELLIS PAONESSA	1957	160	P	6	285	42	X	OC	42	146	8-56	1	137	--	W	H	0-42 FT.GRAVEL & SAND.
P 90	413454N0723557.1	J AUSTIN SPRANG	--	75	C	6	187	--	S	OD	--	--	--	13	--	--	W	H	
P 91	413459N0723712.1	E FRED LINDERME	1960	260	C	6	297	37	X	OS	33	100	2-60	45	100	--	W	H	
P 95	413352N0723513.1	J PANULONO	1964	150	C	6	360	273	X	OC	272	105	8-64	20	105	5	W	H	0-272 FT.SAND,272-360 FT.ROCK.
TOWN OF ROCKY HILL																			
RH 7	413958N0723823.1	EUGENE A BROWN	1929	110	C	6	46	46	D	OD	--	12	8-29	4	34	--	U	U	
RH 10	413956N0723757.1	HALE L COLTON	1915	90	C	6	155	30	X	OS	30	35	8-15	30	45	--	U	U	30-300 FT.BASALT,300-255 FT.SLATE.
RH 15	413912N0723909.1	P COREY	1925	140	C	6	195	33	X	OS	32	22	8-25	15	--	--	U	U	
RH 17	413916N0723801.1	WILLIAM MARTINO	1927	120	C	6	300	172	X	OS	160	115	7-27	3	--	--	U	U	L.
RH 22	413959N0723756.1	FRITZ MILLER	1919	80	C	6	96	15	X	BA	14	22	8-19	11	43	--	U	U	
RH 23	414001N0723827.1	SAL DEPERCIO	1929	105	C	6	130	39	X	OS	35	6	5-29	10	54	--	U	U	L.
RH 25	413835N0723946.1	R H GARDNER	1923	150	C	6	208	128	X	OS	127	30	1-23	20	45	--	W	H	
RH 29	413949N0723756.1	L C CRINES	1930	65	C	4	178	113	X	OS	52	53	8-30	12	4	--	U	U	
RH 30	414016N0723755.1	W F GRISWOLD	1919	120	C	6	125	12	X	OS	12	16	10-19	30	14	--	Z	U	
RH 37	413852N0724053.1	R H DEXTER	1915	65	C	6	188	16	X	OS	16	20	10-15	8	168	--	U	U	L.
RH 42	414017N0723905.1	GEORGE HUMMEL	1919	105	C	6	84	15	X	OS	15	12	8-19	6	72	--	W	H	L.
RH 43	414014N0723824.1	E G KRIEDEL	1929	105	C	6	138	22	X	OS	22	15	11-29	8	20	--	W	H	
RH 46	413947N0723849.1	JOHN MARINO	1929	145	C	6	104	16	X	OS	10	17	10-29	6	87	--	W	H	
RH 49	413905N0723802.1	A PANTANELLA	1926	80	C	6	153	153	D	OD	--	54	11-26	6	--	--	W	H	
RH 54	413913N0723827.1	TWN ROCKY HILL	1926	130	C	6	205	88	X	OS	87	90	6-26	8	40	--	U	U	
RH 59	414014N0724006.1	SYLVESTER SMITH	1935	155	C	6	100	18	X	OS	17	14	12-35	4	14	--	W	H	
RH 66	414010N0723818.1	ALFRED A WILCOX	1929	115	C	6	116	40	X	OS	4	20	2-29	10	8	--	U	U	
RH 68	413856N0723740.1	PRT WHTY DIV UA	1927	35	C	6	303	187	X	OS	179	27	11-27	30	108	--	U	U	L.
RH 69	413923N0723813.1	LEO PAHOLSKY	1925	100	C	6	206	133	X	OS	132	29	6-25	20	--	--	W	H	L.
RH 71	413950N0724116.1	HARRY J HAYES	1927	200	C	6	104	27	X	OS	23	14	11-27	7	31	--	W	H	L.
RH 72	413815N0724034.1	AUGUST POREDA	1929	145	C	6	138	134	D	OD	--	20	8-29	9	60	--	W	U	
RH 74	413931N0724041.1	TWN ROCKY HILL	1915	190	C	6	60	12	X	OS	11	12	6-15	25	33	--	U	H	
RH 77	413851N0723740.1	PRT WHTY DIV UA	1942	25	C	16	94	79	G	OD	29	29	--	700	36	24	W	N	16-IN SCREEN 79-94 FT.,080-IN SLOT.
RH 78	413852N0723733.1	PRT WHTY DIV UA	1946	2	D	160	63	63	H	OD	63	0	--	4200	--	--	W	H	L-RANNEY COLLECTOR.
RH 79	413834N0723929.1	ROBERT BOGAI	1955	130	C	6	228	107	X	OS	105	50	10-55	5	50	--	W	H	L.
RH 83	413835N0723940.1	GARDNERS NURSRS	1958	145	C	12	72	62	G	OD	--	20	1-58	800	14	23	W	I	L,12-IN SCREEN 62-72 FT.,080-IN SLOT.
RH 194	413937N0724109.1	PETE FORGETTA	1963	220	C	6	200	15	X	OS	5	53	--	8	47	--	W	H	C.
RH 195	413924N0723956.1	FRANK ANULEWICZ	1963	230	C	6	213	11	X	OS	38	16	--	11	44	--	W	H	C,0-38 FT;HPAN,38-213 FT.SHALE,BRN.
RH 196	413940N0724046.1	FRANK FONTANA	1956	195	C	6	132	12	X	OS	7	20	9-56	9	60	8	W	H	
RH 197	413935N0724006.2	JOSEPH ANULWICZ	1963	235	C	6	163	12	X	OS	7	28	--	7	57	--	W	H	
TOWN OF SOMERS																			
SO 7	415857N0722927.1	SOMERSVILLE MFG	1917	180	C	8	124	60	X	OS	60	F	--	40	--	--	W	N	
SO 13	415911N0722852.1	WILLIAM PATSUN	1932	225	C	6	121	28	X	OS	28	30	--	30	--	--	W	H	L.
SO 16	415844N0722756.1	VICTOR POTHIER	1940	230	C	6	135	62	X	OS	62	30	--	11	--	--	W	H	L.
SO 20	415836N0722707.1	C A PERCOSKI	1929	255	C	6	142	30	X	OS	28	18	--	60	--	--	W	H	
SO 24	415807N0722545.1	C R BRIDGE	1946	620	C	6	135	100	X	OC	100	--	--	4	--	--	W	H	C.
SO 35	420000N0722922.1	STEVE KRASINSKI	--	220	C	6	157	26	X	OS	26	24	--	5	--	--	W	H	
SO 36	415942N0722915.1	PAT D GAVINE	--	205	C	6	85	15	X	OS	15	12	--	65	--	--	W	H	
SO 41	415920N0722618.1	R C MOSHER	1948	285	C	6	91	65	X	OS	50	21	--	5	--	--	W	H	
SO 52	420157N0722636.1	EVERETT WILSON	1941	270	C	6	107	55	X	OS	55	23	--	18	--	--	W	H	
SO 60	420100N0722831.1	THEODORE COWAN	1947	225	C	6	113	45	X	OS	45	6	--	15	--	--	W	H	0-45 FT;HPAN,45-223 FT.SSTONE.

TABLE 1.--RECORDS OF WELLS--CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF L.S.D (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSOLIDATED ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF SOMERS--CONTINUED																			
SO 61	420113N0722750.1	STEVEN KISMN	1921	200	V	2	28	26	T	OD	--	2	-48	--	--	--	W	H	C,0-28 FT:SAND.
SO 63	420129N0722709.1	FRANKLIN KIBOE	1948	235	C	6	84	51	X	OS	51	9	-48	20	--	--	W	H	L.
SO 65	420159N0722701.1	ALFRED JONELIS	1947	240	C	6	154	80	X	OS	60	34	-48	17	--	--	W	H	L.
SO 68	420157N0722930.1	HAROLD NEWCOMB	1945	285	C	6	102	22	X	OS	22	20	-48	4	--	--	W	H	L.
SO 71	415910N0722656.1	BROAD BRK WA CO	--	250	C	6	210	--	X	OS	--	--	--	20	--	--	W	P	C.
SO 72	415934N0722631.1	DOMLO STEVENSON	1955	270	C	6	147	76	X	OS	72	30	10-55	8	60	--	W	H	L.
SO 73	415933N0722626.1	HENRY KRAUSE	1955	275	C	6	108	53	X	OS	42	4	4-56	13	46	--	W	H	L.
SO 76	415943N0722731.1	WILLIAM GOODWIN	1956	200	C	6	109	--	X	OS	--	--	--	45	130	--	W	P	
SO 78	415904N0722633.1	BROAD BRK WA CO	--	270	C	6	202	--	X	OS	--	--	--	--	--	--	W	P	
SO 80	415744N0722701.1	CEDAR KNOB GOLF	1965	260	C	6	400	60	X	OS	60	18	11-65	50	252	4	W	I	C.L.
SO 81	420151N0722812.1	ELLSWORTH HOWARD	1964	270	P	6	159	73	X	OS	70	--	--	10	--	--	W	S	C.
SO 82	415949N0722650.1	WALTER DUBIEL	1967	245	P	6	175	95	X	OS	90	--	--	20	--	--	W	H	C.L.
SO 83	415846N0722933.1	ALFRED BOUCHER	1966	190	P	6	115	21	X	OS	11	20	8-66	8	80	4	W	H	C.
SO 84	415837N0722658.1	BROAD BRK WA CO	1967	235	W	2	37	32	S	OD	--	3	2-67	182	--	72	W	P	C.L.GROUP 6 WELLS,1.25-IN SCRIN 32-37 FT.
SO 85	415902N0722549.1	BROAD BRK WA CO	--	360	C	6	280	--	X	OC	--	--	--	5	--	--	U	P	C.
SO 86	415906N0722920.1	HUMBLE OIL CO	1956	200	C	6	146	94	X	OS	83	19	4-56	8	51	--	U	U	L.
SO 87	415802N0722722.1	STANLEY LOMBARD	1962	250	P	6	166	77	X	OS	70	--	--	3	--	--	W	H	L.
SO 88	415911N0722714.1	JOHN H LYONS	1963	250	P	6	174	95	X	OS	95	45	4-64	15	30	6	W	H	
SO 89	415839N0722751.1	SAMUEL PICONE	1964	250	P	6	130	--	X	OS	--	--	--	--	--	--	U	U	L,OWNER RPTS POOR QUALITY WATER.
SO 90	415945N0722807.1	STEPH GAJCOWSKI	1964	195	C	6	122	56	X	OS	54	3	6-64	12	69	--	U	U	
SO 91	420051N0722658.1	ANDREW GALLOWAY	1967	225	P	6	150	95	X	OS	85	20	4-67	20	60	4	W	H	
SO 92	415910N0722906.1	CITCO SERV STAS	1965	225	P	6	146	96	X	OS	92	35	1-65	12	111	1	W	C	0-92 FT:MPAN,92-146 FT:SANDSTONE.
SO 93	415902N0722954.1	HURT U SCHNARE	1965	200	P	6	250	62	X	OS	62	40	7-65	15	110	5	W	H	L,OWNER RPTS VERY HARD WATER.
SO 94	415909N0722931.1	WILLIAM WALTON	1965	205	P	6	165	48	X	OS	48	30	7-65	10	70	5	W	H	WATER SOFTENER USED.
SO 95	415751N0722703.1	RICHARD RAMSEY	1965	260	P	6	173	63	X	OS	50	20	10-65	15	80	4	W	H	0-50 FT:SAND&GRVL,50-173 FT:ROCK,GRAY.
SO 96	420028N0722727.1	C AMHERMAN	1967	195	P	6	130	80	X	OS	80	1	8-67	4	79	4	W	H	
SO 97	420103N0722624.1	WILLIE FURTEK	1968	270	P	6	146	73	X	OS	69	25	6-68	10	121	1	W	H	L.
SO 98	415905N0722805.1	HENRY D ALBRO	1964	195	C	6	120	40	X	OS	34	6	1-64	10	24	--	W	H	L.
SO 99	415950N0722718.1	JOHN P LAKONSKI	1966	220	P	6	175	52	X	OS	40	30	3-66	15	70	4	W	H	L.
SO 100	415941N0722642.1	CHAS BARTLETT	1968	280	P	6	229	100	X	OS	94	--	--	8	--	1	U	H	L.
SO 101	415915N0722955.1	HAROLD BUCK	1968	210	P	6	175	51	X	OS	40	40	9-68	5	120	4	U	U	
SO 102	420108N0723005.1	CONN DPT CORTN	1955	305	C	8	900	110	X	OS	80	77	--	140	93	--	U	H	OWNER RPTS VERY HARD WATER.
SO 103	420047N0722959.1	CONN DPT CORTN	1955	260	C	8	500	80	X	OS	52	50	-55	204	125	--	W	T	OWNER RPTS HARD WATER.
SO 104	420054N0723001.1	CONN DPT CORTN	1960	285	C	8	500	88	X	OS	59	18	2-60	200	160	168	W	T	OWNER RPTS VERY HARD WATER.
SO 105	420058N0723004.1	CONN DPT CORTN	1960	280	C	8	500	66	X	OS	41	18	3-60	212	160	168	W	T	
SO 106	415835N0722657.1	BROAD BRK WA CO	1970	255	C	12	25	25	G	OD	--	+2	5-70	225	23	8	W	P	L,12-IN SCREEN 25-35 FT.,120-IN SLOT.
SO 107	415947N0722650.1	DENNIS GESSAY	1969	250	C	6	166	73	X	OS	64	15	9-69	15	65	5	W	H	L.
TOWN OF SOUTH WINDSOR																			
SW 1	415037N0723147.1	CRUBER	1948	275	C	6	86	4	X	OS	4	15	6-48	33	--	--	W	I	
SW 3	415110N0723038.1	GEORGE LAWRENCE	1945	340	C	6	195	50	X	OS	50	55	-48	35	--	--	W	H	
SW 6	414957N0723056.1	A G BLOSIE	1942	270	C	6	45	15	X	OS	15	18	-48	25	--	--	W	H	
SW 14	414929N0723151.1	ROBERT W SHARP	1935	285	C	6	81	7	X	OS	7	13	-48	10	--	--	W	H	
SW 17	414930N0723234.1	RAY LIVERMORE	1948	185	C	6	120	18	X	OS	16	18	-48	10	--	--	W	H	0-18 FT:GRAVEL,18-120 FT:SSTONE.
SW 22	414928N0723339.1	EARL BROGDARD	1944	90	C	6	300	100	X	OS	100	2	-48	10	--	--	W	H	L.
SW 31	414811N0723544.1	ROBERT JILLSON	1933	115	C	6	100	30	X	OS	30	18	-48	25	--	24	W	H	
SW 39	414827N0723436.1	A MAROUSKI	1942	110	C	6	260	40	X	OS	40	8	-48	30	--	48	W	H	L.
SW 41	414911N0723638.1	STEVEN K WADACH	1939	65	C	6	138	90	X	OS	90	20	-48	18	--	--	W	H	
SW 44	414826N0723539.1	WARREN MARKS	1947	150	C	6	212	85	X	OS	85	70	-48	20	--	--	W	H	
SW 48	415151N0723256.1	C V BENJAMIN	1920	175	C	6	104	5	X	OS	5	13	-48	50	--	--	W	H	
SW 51	414959N0723325.1	NORMAN PRIEST	1942	100	C	6	97	20	X	OS	20	22	-48	55	--	--	W	H	0-20 FT:SANDECLAY,20-97 FT:SSTONE.
SW 57	415029N0723558.1	PETER TERAZZI	--	75	C	6	280	165	X	OS	165	55	-48	2	--	--	W	H	0-165 FT:CLAY,165-280 FT:SSTONE.
SW 58	415028N0723609.1	RPI HFO GRD CEN	1947	75	C	8	835	176	X	OS	176	40	-47	100	160	8	W	T	L.
SW 65	414915N0723725.1	SHEPARD TOBO CO	--	35	V	1	19	17	T	OT	--	11	--	21	--	--	W	I	1 OF 8 WELLS,1.25-IN SCREEN 17-19 FT.
SW 71	415111N0723348.1	KUPCHUNOS BROS	1950	120	C	12	52	37	G	OD	--	21	4-50	450	29	48	W	I	C,12-IN SCREEN 37-52 FT.,060-IN SLOT.
SW 79	414919N0723519.1	C H CYR	1955	55	C	6	160	90	X	OS	90	15	10-55	9	85	4	W	H	L.
SW 85	415125N0723617.1	MARTIN MCGRATH	1955	75	C	6	204	140	X	OS	140	40	10-55	10	50	10	W	H	L.
SW 88	415126N0723620.1	ELSWORTH SPERRY	--	75	C	6	165	124	X	OS	124	50	--	50	--	--	W	P	L.
SW 105	415054N0723636.1	HERBERT HOSKINS	1956	60	C	6	210	153	X	OS	153	59	12-56	8	151	--	W	H	L.
SW 106	415159N0723433.1	I R STITCH ASSO	1957	90	C	10	500	157	X	OS	150	23	3-57	350	157	24	W	P	C,L.
SW 107	415106N0723446.1	WLM J JURGELAS	1958	85	A	8	973	174	X	OS	174	27	8-58	6	225	1	Z	U	L,OWNER RPTS "SULFUR" TASTE.
SW 109	415017N0723321.1	MRS BYRON WEST	1958	100	C	6	103	73	X	OS	73	18	10-58	27	85	--	W	H	
SW 111	414909N0723521.1	NORMAN REYNOLDS	1957	80	C	6	180	96	X	OS	96	30	10-57	9	70	--	W	P	C,L,10-IN SCREEN 50-60 FT.,125-IN SLOT
SW 112	414912N0723058.1	AVERY HTS W ASC	1957	200	C	10	60	50	C	OD	--	25	3-57	350	26	24	W	H	
SW 113	415016N0723220.1	MRS CHAS TUTTLE	1957	260	C	6	103	27	X	OS	27	30	8-57	25	20	--	W	H	
SW 114	414812N0723718.1	STANLEY RUSSACK	1968	50	B	1	31	28	T	OD	--	18	7-68	--	--	--	U	U	L,W,1.25-IN SCRIN 28-31 FT.,006-IN SLOT
SW 115	414937N0723521.1	MELVIN STEAD	1955	100	C	6	180	102	X	OS	102	10	9-55	20	20	--	W	H	C,L.
SW 116	414918N0723237.1	ATLAS OIL CO	1965	135	P	6	97	21	X	OS	10	10	5-65	75	40	4	W	C	C.
SW 117	415122N0723539.1	NUMAY TOBACCO	1967	75	C	10	212	162	X	OS	159	56	11-67	200	144	24	W	H	C,L.
SW 118	414850N0723554.1	GENNARO J RUSSO	1967	65	C	6	150	45	X	OS	45	30	7-67	5	70	8	W	H	C,L.

TABLE 1.--RECORDS OF WELLS--CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE- OF LSO (FT.)	METHOD DRILLED	CASING DIAM-ETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF SOUTH WINDSOR--CONTINUED																			
SW 119	414830N0723324.1	LEO A GAUTHIER	1964	140	P	6	140	23	X	OS	12	35	7-64	6	105	4	W	H	C.L.
SW 120	415025N0723049.1	TOWN SO WINDSOR	1958	325	C	8	310	32	X	OS	18	24	9-58	50	169	35	W	T	C.L.
SW 121	415010N0723154.1	JOHN KEEFE	1955	270	C	6	105	17	X	OS	17	13	7-55	9	27	9	W	H	
SW 122	414839N0723511.1	LOUIS BILODEAU	1960	120	P	6	119	62	X	OS	50	10	2-60	8	100	1	W	H	
SW 123	415108N0723426.1	ALPHEE LECLAIR	1963	100	C	6	183	164	X	OS	164	12	12-63	15	110	3	W	H	L.
SW 124	415152N0723418.1	ANTON SPILKA	1964	105	C	6	184	165	X	OS	165	32	1-64	6	68	3	W	H	L.
SW 125	414924N0723335.1	ANDREW J KAHM	1964	90	C	6	140	105	X	OS	98	6	4-64	30	63	24	W	H	
SW 126	415012N0723424.1	R R RIOUX	1964	85	P	6	100	100	O	OD	--	30	9-64	60	40	4	W	H	L.
SW 127	414847N0723530.1	FRANCIS BURNHAM	1955	80	C	6	131	61	X	OS	61	20	8-55	14	20	--	W	H	L.
SW 128	415054N0723201.1	TPL BETH MILLE	1963	220	C	6	124	46	X	OS	46	15	10-63	25	40	1	W	T	L.
SW 129	414834N0723355.1	MRS ANN FRENCH	1964	110	C	6	275	220	X	OS	220	40	10-64	2	210	2	W	H	L.
SW 130	415012N0723338.1	MRS ALA RAYMOND	1966	80	C	6	110	83	X	OS	83	22	7-66	8	88	--	W	H	
SW 131	415007N0723044.1	PINE KNOS WA CO	1959	345	C	10	405	50	X	OS	47	79	6-59	440	150	24	W	H	
SW 132	414948N0723022.1	CONN WATER CO	1960	325	C	10	428	93	X	OS	79	121	6-60	225	54	24	W	P	L.8-IN DIAM 250-405 FT.
TOWN OF STAFFORD																			
STF 22	420037N0722341.1	EVERETT WRIGHT	--	810	D	30	10	0	W	OG	--	4	7-67	--	--	--	U	U	W.
STF 23	420026N0722402.1	MRSCHORTHINGTON	--	729	D	36	10	0	W	OG	--	5	8-67	--	--	--	U	U	W.
STF 24	420056N0722346.1	EVERETT WRIGHT	--	780	D	20	11	0	W	OG	--	1	8-67	--	--	--	U	U	W.
TOWN OF SUFFIELD																			
SU 4	420147N0724003.1	VINCENT HORANZY	1948	180	C	6	149	108	X	OS	108	25	-48	6	--	--	W	H	L.
SU 6	420138N0724032.1	EDWARD JAMORSKI	1948	230	C	6	135	77	X	OS	77	50	-48	18	--	--	W	H	
SU 16	420043N0724242.1	OLIVR STUGHTON	--	245	C	6	90	15	X	OS	15	14	-48	10	--	--	W	H	
SU 23	415831N0723955.1	EDWARD TKACZ	1948	150	C	6	145	55	X	OS	55	18	-48	12	--	--	W	H	L.
SU 25	415749N0724136.1	SAMUEL COULTER	1944	180	C	6	222	110	X	OS	110	35	7-44	8	--	--	W	H	
SU 32	420209N0724324.1	A N SHEPARD SON	1939	260	C	6	450	200	X	OS	200	25	-50	80	--	--	W	F	
SU 36	420009N0723925.1	W H PECKHAM	--	160	C	6	208	88	X	OS	88	--	--	20	--	--	W	H	
SU 49	420042N0723743.1	CONN WATER CO	--	189	C	8	236	--	X	OS	60	30	--	245	75	--	W	H	C.
SU 65	420205N0724114.1	CONS TOBACCO CO	1955	200	C	6	124	112	X	OS	112	F	12-55	25	60	8	W	H	L. WELL FLOWS, DRWDN VALUE IS MINIMUM.
SU 66	415956N0723912.1	COLEMAN	1956	130	C	6	101	80	X	OS	80	F	2-56	8	80	3	W	H	L. WELL FLOWS, DRWDN VALUE IS MINIMUM.
SU 67	415731N0723932.1	WHITNEY BURTON	1956	130	C	6	125	21	X	OS	21	38	11-56	12	52	3	W	H	
SU 79	415930N0724234.1	EDWARD A KELLY	1957	210	C	6	90	6	X	OS	6	21	7-57	6	69	4	W	H	
SU 83	415736N0723948.1	M BUSSEY	1957	170	C	6	110	42	X	OS	42	48	3-57	25	42	7	W	H	L.
SU 86	415715N0723844.1	PETER KULAS	1957	120	C	6	120	80	X	OS	80	21	3-57	30	69	6	W	H	L.
SU 87	415725N0723838.1	STANY MARKOWSKI	1957	120	C	6	133	22	X	OS	18	28	3-57	12	77	2	U	U	0-18 FT;HPAN,18-133 FT;SHALE,RED.
SU 88	415747N0724029.1	ROBERT BARBERI	1955	135	C	6	150	66	X	OS	66	48	9-55	30	72	8	W	H	L.OWNER RPTS VERY HARD WATER.
SU 91	415644N0723821.1	STANLEY HABIGER	1958	130	C	6	168	93	X	OS	90	39	4-58	8	31	3	W	H	L.
SU 92	415746N0723827.1	OMAR SIMON	1958	110	C	6	103	62	X	OS	60	15	-58	7	45	1	W	H	L.
SU 93	415936N0724315.1	WILLIM NELSON	1957	210	C	6	108	44	X	OS	44	27	9-57	15	13	6	W	H	
SU 204	415934N0724301.1	CHESTER A KURAS	1959	195	C	6	61	33	X	OS	33	F	6-59	7	61	2	W	H	C. WELL FLOWS DRWDN VALUE IS MINIMUM.
SU 205	415939N0724037.1	ST JOSEPH CEMTY	1962	160	P	6	234	111	X	OS	101	--	--	8	--	--	U	U	C.L.
SU 206	415823N0723959.1	DR A NATH	1962	145	P	6	210	38	X	OS	38	--	--	30	--	--	W	H	C.L.
SU 207	415950N0723644.1	COMM MARKET INC	1963	65	P	6	197	21	X	OS	16	18	10-63	16	179	1	W	C	C.
SU 208	415652N0723729.1	UN CARBIDE-LD D	1967	95	P	6	260	102	X	OS	95	33	8-67	77	102	72	U	U	C.L. NOT USED BECAUSE POOR QUALITY.
SU 210	420102N0724036.1	JOHN F HANRAHAN	1955	210	C	6	130	51	X	OS	51	23	7-55	18	77	4	W	H	0-52 FT;HPAN,52-130 FT;SHALE,RED.
SU 213	415724N0724239.1	T J TROTTER	1959	170	C	6	76	21	X	OS	21	12	6-59	25	8	3	W	H	0-24 FT;HPAN,22-76 FT;SHALE,RED.
SU 214	420040N0723641.1	S J FRANGIAMORE	1960	70	P	6	120	48	X	OS	35	16	8-60	15	49	4	W	H	L.
SU 215	420151N0724013.1	EDWARD DEREN	1960	190	P	6	140	108	X	OS	108	20	8-60	8	80	3	W	H	L.
SU 216	420046N0723935.1	ROBERT ADAMS	1960	140	P	6	238	144	X	OS	140	10	8-60	18	90	3	W	H	L.OWNER RPTS HARD WATER.
SU 217	415747N0724106.1	LESTER H FITCH	1964	130	P	6	146	104	X	OS	100	6	11-64	11	16	1	W	H	L.
SU 218	420059N0724134.1	WALTER KRECZBO	1967	235	C	6	95	24	X	OS	23	30	6-67	25	10	4	W	H	L.
TOWN OF TOLLAND																			
TD 6	415158N0722506.1	WILLIAM ABERLE	1968	600	P	6	295	113	X	OC	113	50	10-68	25	200	5	W	C	L.
TOWN OF VERNON																			
V 2	414918N0723006.1	TALCOTTVILLE WC	1946	190	C	10	58	48	G	OD	--	9	4-46	125	41	--	W	P	C.L.10-IN SCREEN 48-58 FT.
V 3	414935N0722937.1	WILLIAM SMITH	--	255	C	6	144	99	X	OS	99	33	-48	10	--	--	W	H	L.
V 8	414806N0722818.1	FRANK BRODIE	1947	470	C	6	150	45	X	OC	45	10	-48	9	--	--	W	H	C.
V 17	415014N0722756.1	GEORGE BROWN	1947	370	C	6	70	30	X	OC	30	10	-48	8	15	8	W	H	
V 27	414948N0722937.1	ARTHUR S PALMER	1942	250	C	6	200	105	X	OS	105	65	-48	6	--	--	W	H	0-105 FT;GRAVEL,105-200 FT;SSTONE.
V 29	414952N0722935.1	THOM KOWALEWSKI	1945	235	C	6	154	130	X	OS	130	28	-48	16	--	--	W	H	
V 35	415125N0722857.1	LYNA SIMPKINS	1913	315	C	6	205	26	X	OS	26	60	-48	15	--	--	Z	U	
V 39	415121N0722937.1	LUTHER SKINNER	1915	235	C	6	90	7	X	OS	7	22	-48	15	12	--	W	H	
V 47	414853N0722931.1	JOHN ROGERS	1948	340	C	6	57	--	X	OC	0	11	-48	10	--	--	W	H	C.
V 51	415117N0722631.1	HAROLD GLASSMAN	1956	550	C	6	100	20	X	OC	20	12	2-56	5	88	--	W	H	
V 54	415012N0722932.1	FRED LYMAN BROS	1921	225	C	6	117	81	X	OS	78	20	2-21	8	16	--	W	H	
V 61	414937N0722928.1	CLIFFORD MADDEN	1957	235	C	6	245	136	X	OS	136	45	12-57	8	200	--	W	H	L.
V 64	414937N0722737.1	DAVE M ROGOFF	1956	315	C	6	135	40	X	OC	40	20	9-56	7	40	2	W	H	L.
V 66	415010N0722825.1	VERNON WATER CO	1959	270	C	8	36	31	G	OD	--	2	3-59	200	18	24	W	P	C.L.8-IN SCREEN 31-36 FT.,060-IN SLOT.
V 67	415019N0722837.1	VERNON WATER CO	1962	250	C	8	36	31	G	OD	--	4	8-62	100	27	22	W	P	C.L.10-IN SCREEN 31-36 FT.,060-IN SLOT.
V 68	414935N0722806.1	VERNON WATER CO	1961	270	C	8	33	23	S	OD	43	2	8-61	110	15	24	W	P	C.L.8-IN SCREEN 23-33 FT.,100-IN SLOT.

TABLE 1.--RECORDS OF WELLS--CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTITUDE OF L.S.D. (FT.)	METHOD DRILLED	CASING DIAMETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF VERNON--CONTINUED																			
V 69	415030N0722845.1	VERNON WATER CO	1965	245	C	8	32	26	G	OD	--	4	6-65	130	16	30	W	P	C.L. 10-IN SCREEN 26-31 FT., 040-IN SLOT.
V 70	415045N0722850.1	VERNON WATER CO	1967	245	C	10	400	45	X	OS	32	F	4-67	400	156	24	W	P	C.L. WELL FLOWS DRWN VALUE IS MINIMUM.
V 71	415138N0722906.1	VERNON GARD APT	1965	275	C	6	210	90	X	OS	90	38	2-65	40	122	5	W	P	C.L.
V 72	414946N0723023.1	ERNEST SCRANTON	1965	230	P	6	110	58	X	OS	45	20	2-65	15	60	4	W	C	C.L.
V 73	414858N0723023.1	TED TRUDDN VOLK	1961	175	P	6	278	85	X	OS	60	25	4-61	7	175	1	U	U	L. OWNER RPTS VERY HARD WATER.
V 74	414848N0722909.1	MELVIN VARLEY	1956	335	C	6	139	73	X	OC	73	21	3-56	8	64	--	W	H	L.
V 75	415014N0722914.1	RUBY S LOVERIN	1957	315	C	6	195	80	X	OS	80	90	2-57	20	30	--	W	H	L.
V 76	415126N0722605.1	RAYMOND HICKTON	1958	540	C	6	108	104	S	OD	--	39	8-58	6	23	4	W	H	L. 6-IN SCREEN 104-108 FT., 080-IN SLOT.
V 77	415043N0722915.1	E HAAGENSEN	1961	225	P	6	48	42	X	OS	36	13	8-61	40	35	--	U	C	L.
V 78	414952N0722919.1	CHAS N ROBINSON	1961	275	P	6	145	83	X	OS	73	52	8-61	12	93	3	W	H	L.
V 79	415021N0722914.1	R SHUTTLEWORTH	1961	310	P	6	128	89	X	OS	60	25	3-61	10	65	1	W	H	L.
V 80	415107N0722904.1	PINES RESTURANT	1964	235	C	6	220	75	X	OS	75	30	12-64	12	70	5	W	C	L.
V 81	414928N0723013.1	JOHN GIULLETTI	1965	185	P	6	175	30	X	OS	20	20	1-65	6	100	4	W	H	L.
V 82	415035N0722921.1	G EVANGELISTA	1965	225	P	6	98	50	X	OS	40	20	4-65	40	60	4	W	C	L.
V 83	415133N0722901.1	JAMES W KIDD	1965	300	P	6	210	130	X	OS	130	60	12-65	6	140	4	W	H	L.
V 84	415012N0722930.1	PEARL OIL CO	1966	230	P	6	105	87	X	OS	87	20	4-66	20	70	4	W	C	0-87 FT. SANDEGRVL, 87-105 FT. STONE.
V 85	415054N0722904.1	LAMP ELECTC CO	1966	220	P	6	150	61	X	OS	50	25	1-66	15	95	4	W	C	L.
V 86	415103N0722902.1	GULF OIL CO	1967	285	P	6	135	61	X	OS	60	20	7-67	10	140	4	W	H	L.
V 87	414845N0723009.1	YANKEE HOMES	1964	240	C	6	140	85	X	OS	84	25	3-64	9	115	6	W	H	L.
V 88	414938N0722958.1	TAI CTY SHOP CT	1964	195	P	6	200	70	X	OS	45	8	6-64	19	132	8	W	C	L.
TOWN OF WEST HARTFORD																			
WH 26	414712N0724406.1	M SCHWERTSFEDER	1907	110	C	6	118	50	X	OS	50	--	15	--	--	--	U	U	C.
WH 85	414549N0724630.1	L E STONER	1928	325	C	6	125	66	X	DA	60	8	2-28	10	72	--	U	U	L.
WH 86	414709N0724414.1	D R COLAFIPELO	1922	110	C	6	121	28	X	OS	28	10	4-22	10	111	--	U	U	0-23 FT. CLAY.
WH 88	414537N0724506.1	P J FANNING	1918	140	C	6	135	81	X	OS	81	44	6-18	8	70	--	U	U	L.
WH 90	414523N0724335.1	A C PETERSON FS	1924	115	C	6	391	21	X	OS	21	10	8-24	20	--	--	U	U	0-23 FT. CLAY.
WH 95	414423N0724534.1	A PLASIKOWSKI	1937	205	C	6	173	21	X	DA	21	23	4-37	4	72	--	U	U	L.
WH 96	414344N072451.1	E B VANDYKE	1925	170	C	6	93	45	X	OS	44	20	6-25	3	--	--	U	U	L.
WH 99	414357N0724353.1	ELMWOOD THEATRE	--	85	C	8	480	--	X	OS	--	F	--	205	380	--	U	U	WELL FLOWS, DRWN VALUE IS MINIMUM.
WH 100	414347N0724335.1	ABBOTT BALL CO	1953	60	C	8	702	51	X	OS	51	16	8-53	100	173	--	W	N	RPTD 700 MG/L SULFATE, 500 MG/L HARD.
WH 121	414427N0724327.1	P W DIV COLT IN	1946	75	C	8	455	102	X	OS	102	20	12-46	300	135	--	W	N	RPTD 1100 MG/L HARDNESS.
WH 122	414428N0724334.1	P W DIV COLT IN	1947	75	C	8	500	90	X	OS	90	21	1-67	115	135	--	W	N	L.
WH 123	414428N0724318.1	P W DIV COLT IN	1947	74	C	8	500	145	X	OS	145	18	4-67	325	85	--	W	N	L.
WH 124	414420N0724311.1	P W DIV COLT IN	1947	73	C	8	622	147	X	OS	147	23	5-67	362	137	--	W	N	L.
WH 125	414323N0724358.1	HOLLO-KROME CO	--	70	C	8	500	49	X	OS	45	4	--	160	194	--	W	N	L.
WH 126	414329N0724350.1	JACOBS MFG CO	1947	75	C	8	400	81	X	OS	75	8	9-47	130	142	--	W	N	L.
WH 129	414718N0724345.1	DR LEO REINER	1965	120	P	6	222	60	X	OS	40	12	2-65	25	--	1	W	H	C.L.
WH 130	414535N0724455.1	FRED W ROBERTS	1966	140	P	6	100	30	X	OS	18	15	5-66	20	60	4	W	H	C.L. 10 FT. HPAN, 18-100 FT. ROCK, RED.
WH 131	414740N0724346.1	HTFD GOLF CLUB	1966	125	C	10	495	84	X	OS	60	23	1-66	265	157	36	W	I	L.
WH 132	414729N0724309.1	HTFD GOLF CLUB	1966	100	C	10	595	47	X	OS	12	F	3-66	500	75	30	W	I	L. WELL FLOWS, DRWN VALUE IS MINIMUM.
TOWN OF WETHERSFIELD																			
WF 3	414324N0724019.1	A J BLUMENTHAL	1918	60	C	6	74	13	X	OS	10	8	10-18	6	52	--	U	U	0-38 FT. HPAN, 18-135 FT. ROCK, RED.
WF 72	414245N0723952.1	CHESTER P SMITH	1929	45	C	6	135	25	X	OS	18	F	3-29	30	40	--	U	U	L.
WF 75	414144N0723914.1	MICHAEL W LEMBO	1917	40	C	6	120	19	X	OS	19	5	8-17	4	115	--	U	U	L.
WF 77	414121N0723904.1	GEORGE ADAMS	1917	40	C	6	108	7	X	OS	7	15	8-17	5	93	--	U	U	L.
WF 79	414138N0723936.1	I HOKOWITZ	1931	95	C	6	229	16	X	OS	16	30	1-31	20	40	--	U	U	L.
WF 80	414113N0723945.1	ELLSWORTH DAVIS	1925	80	C	6	110	58	X	OS	58	2	5-25	5	38	--	U	U	L.
WF 82	414056N0724045.1	T R WILCOX	1915	170	C	6	145	16	X	OS	16	10	6-15	12	103	--	U	U	L.
WF 83	414058N0724057.1	CHAS ABRAHAMSON	1915	195	C	6	90	30	X	OS	30	20	10-15	25	10	--	U	U	L.
WF 84	414028N0724002.1	EMIL SETTERBERG	1930	165	C	6	150	21	X	OS	20	40	11-30	7	78	--	U	U	L.
WF 85	414313N0724036.1	HELCO	1954	65	C	12	717	20	X	OS	18	14	11-54	411	96	24	W	U	L.
WF 86	414314N0724029.1	HELCO	1954	70	C	12	720	10	X	OS	1	7	11-54	87	203	6	U	U	L.
WF 89	414130N0724031.1	HELCO	1954	70	C	12	606	20	X	OS	7	13	11-54	319	147	15	W	A	L. 10 IN: 12-165 FT, 8 IN: 165-606 FT.
WF 91	414202N0724153.1	THEODORE OLSON	1955	260	C	12	151	18	X	OS	16	36	8-55	10	14	--	U	U	L.
WF 176	414108N0724052.1	WETHERSFIELD CC	1966	140	C	10	318	31	X	OS	16	F	5-66	480	40	24	W	I	C.L. WELL FLOWS, DRWN VAL IS MINIMUM.
WF 177	414109N0724100.1	WETHERSFIELD CC	1967	150	C	10	305	16	X	OS	11	F	3-67	400	25	24	W	I	C.L. WELL FLOWS, DRWN VAL IS MINIMUM.
WF 178	414046N0724129.1	A D RUSSO	1963	215	C	6	93	20	X	OS	8	8	-63	50	17	8	W	I	C.
WF 179	414233N0723901.1	EDWARD OFFICER	1966	30	C	6	185	21	X	OS	12	20	7-66	15	40	--	W	I	C.
WF 180	414218N0724201.1	MRS G LEVASSEUR	1956	245	C	6	107	18	X	OS	15	12	3-56	8	--	--	W	H	L.
TOWN OF WINDSOR																			
W 6	414945N0724027.1	RADION KLINCHUK	1926	110	C	6	91	88	X	OS	88	12	10-26	8	--	--	W	H	L.
W 13	415302N0724223.1	STANLEY SEDOR	1933	175	C	6	268	126	X	OS	126	44	-48	7	--	--	W	H	L.
W 36	415332N0723959.1	MICM. STROGOFF	1920	60	C	6	101	15	X	OS	13	20	5-20	3	81	--	U	U	L.
W 39	415350N0723918.1	SD TSCO GWS ASC	1935	140	C	6	306	244	X	OS	210	95	8-35	30	37	--	W	C	0-210 FT. SAND & CLAY.
W 42	415325N0723752.1	LEWIS W ALLEN	1918	65	C	6	150	5	X	OS	5	15	2-18	4	135	--	W	H	L.
W 61	415419N0724048.1	EDWARD BARKAL	1918	85	C	6	132	50	X	OS	50	14	12-18	4	118	--	U	U	L.
W 62	415350N0724110.1	CHAS HUNTINGTON	1918	140	C	6	247	150	X	OS	150	28	5-18	11	101	--	W	H	L.
W 64	415254N0723755.1	NORMAN A BOYCE	1936	100	C	6	150	11	X	OS	10	25	10-36	4	85	--	W	H	L.

TABLE 1.—RECORDS OF WELLS—CONTINUED

WELL NUMBER	LOCATION	OWNER	DATE DRILLED (YEAR)	ALTI-TUDE-OF L.S.D. (FT.)	METHOD DRILLED	CASING DIAM-ETER (IN.)	WELL DEPTH (FT.)	CASING DEPTH (FT.)	WELL FINISH	MAJOR AQUIFER	DEPTH TO CONSL. ROCK (FT.)	WATER LEVEL (FT.)	WATER LEVEL DATE MEAS.	YIELD (GPM)	DRAW-DOWN (FT.)	PUMPING PERIOD (HOURS)	WELL USE	USE OF WATER	REMARKS
TOWN OF WINDSOR—CONTINUED																			
W 67	415137N0723924.1	JOSEPH KRIST	1917	85	C	6	185	93	X	OS	41	34	5-17	10	151	---	W	H	
W 68	415211N0724119.1	ED J HEBERBRAND	1917	155	C	6	151	151	X	OS	115	20	5-17	7	131	---	W	H	L.
W 69	414849N0723959.1	H F NORMAN	1930	100	C	6	179	107	X	OS	107	58	10-30	6	121	---	U	U	
W 70	415224N0723957.1	HOWARD C THRALL	1936	135	C	6	325	82	X	OS	81	45	8-36	15	75	---	W	H	
W 75	414848N0724004.1	J CAMPANELLI	1930	95	C	6	180	103	X	OS	103	51	10-30	7	129	---	U	U	
W 86	415347N0723732.1	J GAYLORD	1915	50	C	6	165	39	X	OS	38	30	12-15	10	39	---	U	U	L.
W 99	415508N0724200.1	E SIMONDS	1918	130	C	6	93	11	X	OS	11	4	4-18	10	66	---	W	H	L.
W 103	415301N0723752.1	WILLIAM WELTNER	1934	90	C	6	198	20	X	OS	20	60	8-34	4	120	---	W	H	
W 121	415227N0724341.1	HARTMAN TOBACCO	1949	175	C	10	34	29	G	OD	---	12	11-49	200	22	24	W	I	L,10-IN SCREEN 29-34 FT.,.060-IN SLOT
W 122	415227N0724329.1	HARTMAN TOBACCO	1949	175	C	10	50	40	G	OD	---	8	11-49	400	32	24	W	I	L,10-IN SCREEN 40-50 FT.,.060-IN SLOT
W 125	415304N0724251.1	COMBUSTION ENG	1956	160	C	12	68	58	S	OD	137	9	1-56	200	16	26	W	N	L,12-IN SCREEN 58-68 FT.,MULT. SLDT.
W 126	415255N0724324.1	COMBUSTION ENG	1955	170	C	8	70	65	S	OD	---	1	11-55	158	38	36	T	---	L,8-IN SCREEN 65-70 FT.,.080-IN SLOT.
W 127	415252N0724255.1	COMBUSTION ENG	1955	160	C	8	60	60	S	OD	109	3	11-55	725	32	36	T	U	L,8-IN SCREEN 60-80 FT.,.080-IN SLOT.
W 131	415255N0724324.2	COMBUSTION ENG	1955	170	W	2	67	62	P	OD	---	1	11-55	85	---	---	T	U	L,2.5-IN PERF CAS 62-67 FT.
W 132	415244N0724318.1	COMBUSTION ENG	1955	175	W	2	56	51	P	OD	---	4	11-55	45	---	---	T	U	L,2.5-IN PERF CAS 52-56 FT.
W 134	415247N0724324.1	COMBUSTION ENG	1955	185	W	2	58	53	P	OD	---	6	11-55	50	---	---	T	U	L,2.5-IN PERF CAS 53-58 FT.
W 138	415252N0724249.1	COMBUSTION ENG	1955	165	W	2	84	79	P	OD	---	6	11-55	75	---	---	T	---	L,2.5-IN PERF CAS 79-84 FT.
W 139	415300N0724259.1	COMBUSTION ENG	1955	170	W	2	66	61	P	OD	---	8	11-55	75	---	---	T	U	L,2.5-IN PERF CAS 62-66 FT.
W 140	415320N0724251.1	COMBUSTION ENG	1955	150	C	2	64	59	P	OD	---	3	11-55	75	---	---	T	U	L,2.5-IN PERF CAS 59-64 FT.
W 178	415250N0723833.1	THEO NIEMIROSKI	1956	130	C	6	245	160	X	OS	160	100	8-56	10	40	2	W	H	L.
W 181	415422N0724319.1	ROGER SMITH	1958	180	C	4	188	128	X	OS	92	33	4-58	7	63	3	W	H	
W 182	415515N0724219.1	JOHN STANWICK	1956	165	C	6	154	80	X	OS	80	35	12-56	15	55	---	W	H	L.
W 183	415525N0724222.1	AFCD BUILDERS	1958	180	C	6	109	40	X	OS	40	31	10-58	9	69	---	W	H	L.
W 189	415352N0724058.1	SHIRLY MORIN	1963	105	C	6	180	120	X	OS	115	40	6-63	8	60	2	W	H	C,L.
W 190	415502N0724127.1	HANK SNOW	1967	90	P	6	245	102	X	OS	100	5	6-67	60	240	1	W	H	C,L.
W 191	415327N0723739.1	JOSEPH STRONG	1969	35	P	6	150	50	X	OS	40	20	2-69	3	110	4	W	H	C,L.
W 192	415418N0724318.1	WILLIAM SMITH	1957	180	C	6	210	100	X	OS	95	48	5-57	10	72	2	W	H	C,L.
W 193	415139N0723937.1	MILL BRK GOLF	1964	120	C	6	120	126	X	OS	120	40	4-64	10	50	2	W	C	C,L.
W 194	414958N0723912.1	ERNEST WILSON	1966	100	---	6	185	100	X	OS	100	40	4-66	20	135	8	W	H	C,L.
W 195	415350N0723939.1	ALFED KIERUKSTYS	1964	100	C	6	160	127	X	OS	125	40	7-64	10	80	2	W	H	L.
W 196	415344N0724110.1	ROBERT J ALLEN	1965	140	P	6	123	93	X	OS	80	40	5-65	50	30	4	W	H	0-80 FT.SAND&GRAVL,80-123 FT SED ROCK
W 197	415352N0724205.1	FRANK LANG	1965	155	P	6	205	115	X	OS	105	30	7-65	12	130	4	W	H	
W 198	415334N0723805.1	DENNIS P BRADY	1965	75	C	6	225	75	X	OS	75	50	11-65	10	50	8	W	H	
W 199	415322N0724200.1	UMBERTO GRIMALDI	1966	180	C	6	137	137	X	OS	137	60	5-66	5	65	8	W	H	L.
W 200	415316N0724202.1	WILLIAM KARIEVA	1966	160	C	6	200	147	X	OS	140	60	6-66	10	70	4	W	H	L.
W 201	415416N0724329.1	RAINBOW CONS CO	1968	110	C	6	192	135	X	OS	130	35	9-68	6	105	2	U	---	
W 202	415444N0724239.1	ROLAND LAROCHE	1969	190	P	6	420	97	X	OS	87	65	3-69	8	185	4	U	H	
W 203	415304N0724251.2	COMBUSTION ENG	1955	160	C	8	68	53	S	OD	137	9	11-55	135	27	---	T	U	L,8-IN SCREEN 53-68 FT.,.080-IN SLOT.
W 204	415232N0724255.2	COMBUSTION ENG	1956	160	C	18	81	66	G	OD	109	7	8-56	350	16	48	W	N	L,18-IN SCREEN 66-81 FT.,.125-IN SLOT
W 205	415251N0724251.1	COMBUSTION ENG	1956	165	C	18	90	75	G	OD	---	7	8-56	350	13	48	W	N	L,18-IN SCREEN 75-90 FT.,.125-IN SLOT
W 208	415315N0724244.1	COMBUSTION ENG	---	180	C	16	144	124	G	OD	---	23	-70	500	---	---	W	N	16-IN SCREEN 124-144 FT.,.250-IN SLOT
TOWN OF WINDSOR LOCKS																			
WL 1	415536N0724026.1	CONN DEPT AERO	1941	165	C	10	103	91	G	OD	---	76	6-42	70	12	40	W	P	L,10-IN SCREEN 91-103 FT.,.250-IN SLOT
WL 2	415532N0724031.1	CONN DEPT AERO	1941	165	C	10	480	143	X	OS	131	78	6-42	90	13	46	U	U	C,L.
WL 3	415527N0724033.1	CONN DEPT AERO	1941	130	C	10	80	68	G	OD	---	44	6-42	425	12	44	W	P	C,L,10-IN SCREEN 68-80 FT.,.250-IN SLDT.
WL 4	415527N0724033.2	CONN DEPT AERO	1941	130	C	8	32	24	G	OD	---	---	---	100	---	---	W	P	C,L,8-IN SCREEN 24-32 FT.,.250-IN SLDT.
WL 15	415505N0724025.1	S GALLAND	1941	155	C	6	280	155	X	OS	155	---	---	---	---	---	W	H	L.
WL 16	415500N0723906.1	REV J W STOREY	1948	150	C	8	66	52	G	OD	---	27	11-48	330	31	---	U	U	C.
WL 26	415536N0724109.1	HAM STD DIV U A	1951	160	C	12	94	79	S	OD	---	39	-51	330	40	24	W	N	L,12-IN SCREEN 79-94 FT.
WL 27	415538N0724134.1	HAM STD DIV U A	1951	110	C	12	53	---	S	OD	53	2	-51	100	---	---	U	N	L.
WL 28	415513N0724122.1	HAM STD DIV U A	---	110	C	---	102	---	S	OD	---	14	---	60	48	---	U	U	L.
WL 29	415513N0724120.1	HAM STD DIV U A	---	105	C	12	81	---	S	OD	---	12	---	40	---	---	U	U	L.
WL 30	415617N0723856.1	ERNEST L MORIN	1957	160	C	6	200	120	X	OS	120	50	2-57	5	50	8	W	H	L.
WL 35	415553N0723825.1	GLADYS REED	---	85	D	36	14	0	W	OD	---	12	7-67	---	---	---	U	U	W.
WL 36	415559N0723951.1	LFS L WALTON MD	1967	165	V	1	34	33	T	OD	---	29	9-67	---	---	---	U	U	L,1.25-IN SCRIN 33-36 FT.,.006-IN SLOT
WL 37	415559N0723951.2	LFS L WALTON MD	1968	165	B	1	37	34	T	OD	---	27	7-68	---	---	---	U	U	L,1.25-IN SCRIN 34-37 FT.,.006-IN SLOT.
WL 38	415525N0723759.1	VICTOR MALEC	1964	80	P	6	172	75	X	OS	60	35	7-64	15	---	5	W	S	C,L.
WL 39	415422N0723812.1	SHELL OIL CO	1964	80	P	6	240	32	X	OS	20	25	1-64	4	175	4	W	C	C,0-20 FT.SAND&CLAY,20-240 FT.ROCK,RED
WL 40	415553N0723930.1	W L FUNERAL HM	1960	150	P	6	205	116	X	OS	107	44	8-60	15	---	---	W	C	C.
WL 41	415425N0723859.1	CONN WATER CO	---	100	D	70	25	---	S	OD	---	---	---	---	---	---	W	P	
WL 42	415427N0723857.1	CONN WATER CO	---	100	D	70	17	---	S	OD	---	---	---	---	---	---	W	P	
WL 43	415427N0723854.1	CONN WATER CO	---	100	D	70	29	---	S	OD	---	---	---	---	---	---	W	P	
WL 44	415426N0723852.1	CONN WATER CO	---	90	D	70	29	---	S	OD	---	---	---	---	---	---	W	P	
WL 45	415527N0724033.3	CONN DEPT AERO	1969	130	W	2	80	74	S	OD	---	---	---	---	---	---	O	U	L,2.5-IN SCREEN 74-79 FT.,.030-IN SLOT
WL 46	415514N0724018.1	ARCHIES SHELL S	1964	150	P	6	250	146	X	OS	143	68	7-64	16	132	1	U	U	L.
WL 47	415510N0724124.1	HAM STD DIV U A	1951	110	C	---	80	---	S	OD	---	12	---	40	---	---	U	U	L,SCREEN COLLAPSED.
WL 48	415510N0724120.1	HAM STD DIV U A	1951	105	C	12	78	---	S	OD	---	12	---	40	64	---	U	U	L,SCREEN COLLAPSED.

Under each entry are listed well and location number, owner and driller. Data from drillers' logs unless otherwise noted. Well- and location-numbering systems are explained in the text.

19

Table 2.--Logs of selected wells--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Cranwell--Continued								
CR 285. 413621N0723918.1. A. N. Pierson Co. WEDCO.			CR 295. 413629N0723712.1. Cranwell Fire Dist., Water Dept. WEDCO.			CR 304. 413810N0723803.1. Cranwell Fire Dist., Water Dept. WEDCO.		
Clay, red, till, very compact	0- 29	29	Sand, fine to coarse, brown, and silt . .	0- 30	30	Sand, very fine; silt and clay	0- 60	60
Bedrock at 29 ft, red sandstone . . .	29-230	201	Sand, fine to coarse, brown; some brown silt	30- 40	10	Sand, very fine; silt and clay (coarser)	60-100	40
CR 287. 413654N0723806.1. Margret Winslow, Paganetti Well Drilling Co.			Sand, medium to coarse; brown clay and silt .	40- 50	10	Same as above but possibly more silt and picking up some clay	100-115	15
Sand and gravel	0-150	150	Sand, very fine; silt and clay	50- 55	5	Little coarser than above, takes water	115-150	35
Rock, red	150-310	160	Sand, very fine; silt and clay	55- 65	10			
CR 288. 413807N0723859.1. Cranwell Fire Dist., Water Dept. R. E. Chapman Co.			Refusal	65-102	37	CR 305. 413807N0723758.1. Cranwell Fire Dist., Water Dept. WEDCO.		
Gravel, coarse	0- 5	5	CR 296. 413628N0723714.1. Cranwell Fire Dist., Water Dept. WEDCO.			Topsoil; very fine, brown sand	0- 15	15
Sand, fine, red	5- 10	5	Sand, fine to coarse	0- 15	15	Sand, very fine, and silt	15- 20	5
Gravel, medium, water-bearing	10- 30	20	Sand, medium to coarse, and medium gravel .	15- 30	15	Silt; very fine sand	20- 25	5
Gravel, coarse, water-bearing	30- 40	10	Sand, fine to coarse, some gravel	30- 35	5	Sand, very fine to coarse	25- 60	35
Sand, silty, and clay	40- 46	6	Sand, medium to coarse	35- 42	7	Sand, medium to coarse, some gravel and silt	60-100	40
CR 289. 413807N0723859.2. Cranwell Fire Dist., Water Dept. WEDCO.			Sand, fine	at 42		Gravel, boulders and cobbles	100-105	5
Sand, fine to medium, and some brown gravel	0- 25	25	CR 297. 413629N0723717.1. Cranwell Fire Dist., Water Dept. WEDCO.			Refusal (washed with "A" rod to 120 ft)	at 105	
Silt, reddish brown	25- 31	6	Sand, fine to coarse; silt and clay . . .	0- 25	25	CR 306. 413815N0723802.1. Cranwell Fire Dist., Water Dept. WEDCO.		
Sand, fine, with gravel and brown silt	31- 42	11	Sand, fine to coarse, gray	25- 30	5	Topsoil; very fine, brown sand	0- 15	15
Clay and silt with some red gravel . .	42-101	59	Sand, fine to coarse, brown	30- 40	10	Sand, very fine, brown, and silt . . .	15- 20	5
Till	101-108	7	CR 298. 413755N0723759.1. Cranwell Fire Dist., Water Dept. WEDCO.			Silt; very fine sand	20- 25	5
Sandstone and red shale	108-185	77	Sand, very fine; silt; some medium sand . .	0- 15	15	Sand, very fine, brown, and silt; some coarse sand	25- 35	10
Slate, gray	185-200	15	Sand, fine to coarse	15- 25	10	Sand, very fine; silt, clay and some coarse sand	35- 40	5
Sandstone and red shale	200-270	70	Sand, fine to coarse; silt; some clay . .	25- 30	5	Sand, very fine to coarse, some gravel and silt	40- 60	20
Slate, gray	270-280	10	Sand, fine to medium; silt; some coarse sand	30- 50	20	Sand, very fine, medium to coarse, and silt	60- 95	35
Shale, red	280-300	20	Refusal	at 50		Sand, very fine to medium, and silt . .	95-120	25
CR 290. 413641N0723714.1. Cranwell Fire Dist., Water Dept. WEDCO.			CR 299. 413810N0723754.1. Cranwell Fire Dist., Water Dept. WEDCO.			Sand, gravel, hardpan	120-130	10
Fill	0- 5	5	Sand, very fine; silt and clay	0- 25	25	CR 309. 413709N0723858.1. Charles Herdman, Sloa Drilling Co.		
Clay, silty, grayish brown, micaceous	5- 28	23	Sand, medium to coarse; some silt	25- 35	10	Sand, gravel, hardpan	0-125	125
Sand, fine, some medium to coarse sand and fine gravel	28- 33	5	Sand, fine to coarse; silt	35- 80	45	Rock	125-175	50
Sand, fine, some medium to coarse very compact sand	33- 38	5	Sand, medium to coarse; some fine sand and silt	80-105	25	CR 310. 413853N0723807.1. John Bartolotta, Joseph J. Stack.		
Sand, medium to coarse; fine to medium gravel and some silt	38- 50	12	Sand, medium to coarse; some fine gravel .	105-120	15	Sand, coarse	0- 30	30
Sand, fine, and coarse sand; fine to medium gravel, with much silt	50- 58	8	Sand, coarse to very coarse, and fine gravel	120-125	5	Sand, fine	30-160	130
Sandstone and shale	58- 68	10	Sand, fine to coarse, and gravel	125-130	5	Brownstone and slate	160-274	114
CR 291. 413625N0723716.1. Cranwell Fire Dist., Water Dept. WEDCO.			Sand, medium to coarse, and gravel . . .	130-135	5	Town of East Granby		
Sand, fine, brown, and silt	0- 10	10	Sand, fine to medium	135-143	8	EG 5. 415623N0724219.1. Conn. Dept. of Aeronautics. R. E. Chapman Co.		
Clay, gray, fine sand and silt	10- 15	5	CR 300. 413815N0723753.1. Cranwell Fire Dist., Water Dept. WEDCO.			Sand and clay	0- 10	10
Sand, fine, gray, and silt	15- 35	20	Sand, very fine; some silt	0- 25	25	Clay	10- 80	70
Sand and gravel	35- 38	3	Sand, fine to medium; occasional fine to medium gravel; trace clay	25- 30	5	Gravel, good	80-100	20
Sand, brown, and gravel	38- 45	7	Sand, very fine; some coarse sand	30- 33	3	EG 10. 415430N0724415.1. L. Yurasevecz, State Line Well Drilling.		
Sand, red-brown, and gravel	45- 50	5	Sand, very fine; some coarse sand and fine gravel	33- 35	2	Hardpan, gray, and clay	0- 30	30
Clay, red-brown, some sand	50- 75	25	Sand, medium to coarse	35- 45	10	Clay, gray	30- 50	20
Clay, red-brown, trace sand and gravel	75- 88	13	Sand, medium to coarse, and medium gravel .	45- 70	25	Sand, coarse	50- 70	20
Sandstone, red	88- 98	10	Sand, coarse to very coarse, and fine gravel	70- 85	15	Gravel, 1-3/4 in., loose	70-100	30
CR 292. 413627N0723718.1. Cranwell Fire Dist., Water Dept. WEDCO.			Gravel, fine to medium	85- 96	11	EG 12. 415408N0724414.1. G. L. Morency, Conn. Valley Artesian Well Co.		
Sand, fine to medium, brown, clay and silt	0- 11	11	Refusal on very coarse gravel or cobbles, not rock	at 96		Sand, medium, yellow	0- 32	32
Silt, brown, and sand with trace very fine sand	11- 25	14	CR 301. 413805N0723756.1. Cranwell Fire Dist., Water Dept. WEDCO.			Hardpan, packed, red	32- 83	51
Sand, with brown clay and silt	25- 27	2	Sand, very fine; silt	0- 20	20	Rock, medium soft, red	83-183	100
Sand with trace clay and silt	27- 41	14	Sand, very fine to medium	20- 25	5	EG 59. 415541N072446.1. Hamilton Standard Div. United Aircraft. Driller: unknown.		
Silt, red, and clay	41- 63	22	Sand, fine to coarse	25- 35	10	Sand, fine	0- 43	43
Sand, gravel and red clay	63- 67	4	Sand, very fine to coarse; silt	35- 40	5	Sand, good	43- 52	9
Silt, red, and clay	67- 71	4	Sand, very fine, and silt	40- 50	10	Sand, fine	52- 56	4
Sandstone, red	71- 81	10	Sand, fine to medium, and silt	50-100	50	Sand, dead	56- 62	6
CR 293. 413630N0723714.1. Cranwell Fire Dist., Water Dept. WEDCO.			Refusal on coarse sand and gravel, not rock	at 100		EG 60. 415541N072449.1. Hamilton Standard Div. United Aircraft. Driller: unknown.		
Sand, fine, brown, and silt	0- 5	5	CR 302. 413810N0723758.1. Cranwell Fire Dist., Water Dept. WEDCO.			Sand, dry	0- 35	35
Sand, fine to coarse, brown	5- 10	5	Clay and silt	0- 20	20	Sand, fine	35- 46	11
Sand, fine to coarse, and brown clay	10- 15	5	Sand, very fine; clay and silt	20- 25	5	Sand with trace clay	46- 54	8
Sand, fine to coarse, and some fine, gray gravel	15- 18	3	Sand, very fine to medium, and silt . . .	25- 90	65	Sand, dead	54- 61	7
Silt, clay and some fine, gray sand . .	18- 24	6	Sand, very fine, and coarse gravel	90-131	41	EG 215. 415620N0724223.1. Conn. Dept. of Aeronautics. Able Drillers and Pump Co.		
Sand, fine to coarse, and gravel	24- 38	14	Refusal on very coarse material, not rock	at 131		Clay and silt	0- 70	70
Sand, medium, brown	38- 39	1	CR 303. 413743N0723821.1. Edgewood Country Club. Driller: unknown.			Sand, coarse; water-bearing gravel . .	70- 80	10
Sand, medium, and brown gravel	39- 40	1	Clay, sand and gravel	0- 35	35	Gravel, fine	80- 96	16
Gravel, medium, and fine, brown sand	40- 44	4	Gravel	35- 37	2	Rock	96- 98	2
Sand, fine, and brown silt	44- 75	31	Gravel and sand	37- 40	3			
Sand, fine, clay and brown silt	75- 90	15	Clay and gravel	40- 45	5	EG 216. 415623N0724217.1. Conn. Dept. of Aeronautics. R. E. Chapman Co.		
Sand, fine; medium to coarse gravel; trace silt and clay	90-102	12	Gravel, sand and clay	45- 55	10	Sand, fine	0- 9	9
Sandstone and shale	at 102		Clay and rock	55- 75	20	Silt and clay	9- 73	64
CR 294. 413629N0723713.1. Cranwell Fire Dist., Water Dept. WEDCO.			Clay with traces of gravel	75- 90	15	Gravel, fine to medium	73-100	27
Sand, fine, brown	0- 10	10	Gravel with some clay	90-105	15	Refusal	at 100	
Sand, medium to coarse; fine gravel; some silt	10- 35	25	Bedrock	105-298	193			
Sand, medium to coarse, gray	35- 41	6						
Sand, very fine, brown, and silt . . .	at 41							

Table 2.--Logs of selected wells--Continued

Town of East Granby--Continued			Town of East Hartford		
Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)	
EH 217. 41562N0724219.2. Conn. Dept. of Aeronautics. R. E. Chapman Co.			EH 13. 414451N0723729.1. Pratt & Whitney Div. United Aircraft. S. B. Church Co.		
Sand, fine	0- 9	9	Sand, fine, brown	0- 5	5
Sand, fine, and clay	9- 14	5	Sand, coarse, brown	5- 10	5
Clay, fine, gray	14- 72	58	Sand, coarse, gray	10- 15	5
Sand and clay mixed	72- 80	8	Sand, coarse, gray	15- 20	5
Hardpan, sharp gravel and clay	80- 82	2	Sand, fine, gray and brown	20- 25	5
Sand, fine to medium, and gravel; traces of clay	82- 95	13	Clay	25- 30	5
Sand, fine, and firm clay	95- 97	2	EH 15. 414449N0723726.1. Pratt & Whitney Div. United Aircraft. S. B. Church Co.		
Refusal	at 97		Sand, fine, silty, red	0- 5	5
EH 218. 41562N0724241.1. Nicholson Bros. Farm. A. T. Meyer.			Sand, brown and gray	5- 10	5
Hardpan, loose	0- 20	20	Sand, fine, gray	10- 15	5
Rock, red, broken	20- 50	30	Sand, coarse, gray	15- 20	5
Rock, red	50-160	110	Sand, coarse, gray sand	20- 24	4
EH 219. 415404N0724407.1. Charles Bonazelli, George L. Engel.			Clay	24- 29	5
Sand	0- 15	15	EH 16. 414447N0723726.1. Pratt & Whitney Div. United Aircraft. S. B. Church Co.		
Clay and boulders	15- 35	20	Sand, coarse, brown	0- 5	5
Hardpan	35- 45	10	Sand, gray and brown	5- 9	4
Rock, red	45-147	102	Sand, fine, white	9- 14	5
EH 221. 415527N0724201.1. Conn. Dept. of Transportation, Maintenance Garage, Premco Drilling, Inc.			Sand, coarse, brown	14- 20	6
Sand, fine	0- 28	28	Sand, fine, brown, and clay	20- 23	3
Sand, medium	28- 58	30	EH 19. 414458N0723747.1. Pratt & Whitney Div. United Aircraft. S. B. Church Co.		
Rock	58-223	165	Sand, fine	0- 25	25
EH 223. 414232N0725534.1. Ed Sladyok, George L. Engel.			Sand, coarse, some gravel	25- 30	5
Sand, fine	0- 30	30	Sand, gray and red	30-255	225
Sand, quick	30- 65	35	Gravel, fine, and sand	255-265	10
Clay	65- 88	23	Clay, red	265-287	22
Rock, red	88-160	72	Gravel, sand and silt (subrounded pebbles)	287-295	8
EH 224. 415556N0724243.1. Magnatek Div. of DSD Co. S. B. Church Co.			Sandstone	295-888	593
Sand, coarse	0- 12	12	EH 36. 414443N0723654.1. Burnside Theatre, Rachbauer Bros.		
Sand, medium to fine	12- 26	14	Sand, medium	0- 35	35
Sand, medium to coarse	26- 31	5	Clay	35-135	100
Sand, medium	31- 42	11	Gravel and hardpan	135-138	3
Sand, medium to coarse	42- 49	7	Sandstone and shale	138-600	462
EH 225. 415623N0724219.3. Conn. Dept. of Aeronautics. R. E. Chapman Co.			EH 37. 414658N0723752.1. First National Stores, Inc. R. E. Chapman Co.		
Sand, fine, brown	0- 9	9	Sand	0- 25	25
Clay, fine, brown and gray	9- 20	11	Clay, gray	25-150	125
Clay, gray	20- 73	53	Clay, red	150-175	25
Hardpan and clay	73- 75	2	Silt, fine, sand	175-220	45
Hardpan, clay and sand	75- 82	7	Sand, water-bearing	220-240	20
Sand and gravel, medium coarse	82- 85	3	Gravel - broken stone	240-241	1
Gravel, medium coarse, water bearing	85- 95	10	Ledge	at 241	
Hardpan	95- 98	3	EH 44. 414501N0723846.1. Pratt & Whitney Div. United Aircraft. S. B. Church Co.		
Town of East Hartford			Sand, fine to medium, gray	0- 14	14
EH 1. 414651N0723749.1. Finast, Inc. Layne-New York Co.			Clay, gray	14- 70	56
Topsoil	0- 3	3	Clay, brownish	70- 90	20
Sand, coarse	3- 21	18	Clay, red	90-142	52
Sand, fine	21- 34	13	Hardpan	142-148	6
Sand and gravel	34- 35	1	Sandstone and shale, red, soft	148-190	42
Clay	35- ?	?	Shale, gray to black	190-207	17
EH 6. 414508N0723756.1. Pratt & Whitney Div. United Aircraft. Layne-New York Co.			Sandstone and shale, red	207-260	53
Sand	0- 17	17	Shale, gray to black	260-268	8
Sand, fine	17- 20	3	Shale and red sandstone	268-395	127
Sand, coarse	20- 30	10	EH 160. 414613N0723531.1. John Kreglstein, Willard K. Grenon.		
EH 8. 414454N0723757.1. Pratt & Whitney Div. United Aircraft. Layne-New York Co.			Sand	0- 6	6
Sand, fine	0- 6	6	Hardpan	6- 84	78
Sand, coarse	6- 26	20	Sandstone, red	84-197	113
Clay, sandy	26- 28	2	EH 162. 414700N0723703.1. Clifford Slicer, Ernest A. Smart.		
EH 9. 414449N0723757.1. Pratt & Whitney Div. United Aircraft. Layne-New York Co.			Sand	0- 30	30
Sand, fine	0- 10	10	Clay, gray	30-120	90
Sand	10- 21	11	Clay, red	120-140	20
Sand, fine	21- 29	8	Gravel	140-160	20
EH 12. 414448N0723734.1. Pratt & Whitney Div. United Aircraft. S. B. Church Co.			Hardpan	160-165	5
Sand, fine, brown	0- 5	5	Rock, red	165-195	30
Sand, coarse, red and gray	5- 10	5	EH 163. 414559N0723643.1. Silverlanes Bldg. Co., Conn. Valley Artesian Well Co., Inc.		
Sand, coarse, red and gray	10- 16	6	Fill, gravel, bankrun	0- 5	5
Sand, coarse, clean, gray, water bearing	16- 21	5	Clay, gray, packed	5- 32	27
Sand, fine, reddish	21- 26	5	Sand, medium	32- 34	2
Clay, gray	26- 7	7	Gravel, medium	34- 42	8
EH 14. 414413N0723822.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Rock, red, and shale	42-702	660
Sand, fine	0- 24	24	Town of East Windsor		
Sand, fine to medium	24- 34	10	EH 6. 415333N0723504.1. E. B. Woolam, Becker.		
Sand, medium, with coarse sand	34- 39	5	Sand	0- 15	15
Sand, very fine to fine, with traces of silt and medium sand; occasional pebbles	39- 55	16	Clay	15-195	180
Clay, soft, light gray	55- 60	5	Gravel	195-198	3
EH 164. 414413N0723822.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Sandstone	at 198	
Sand, fine	0- 24	24	EH 7. 415352N0723513.1. Kenneth Winn, Becker.		
Sand, fine to medium	24- 34	10	Clay	0-140	140
Sand, medium, with coarse sand	34- 39	5	Gravel	140-152	12
Sand, very fine to fine, with traces of silt and medium sand; occasional pebbles	39- 55	16	EH 165. 414435N0723658.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
Clay, soft, light gray	55- 60	5	Sand, very fine to medium; trace of fine gravel	0- 17	17
EH 165. 414435N0723658.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Clay, soft, gray	17- 25	8
Sand, very fine to medium; trace of gravel and clay	0- 15	15	EH 166. 414433N0723700.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
Clay, soft, gray	15- 25	10	Sand, fine to medium; trace of gravel and clay	0- 15	15
EH 167. 414432N0723705.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Clay, soft, gray	15- 25	10
Sand, medium to coarse; trace of pebbles	0- 18	18	EH 168. 414428N0723657.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
Clay, soft, gray	18- 20	2	Sand, medium; trace of silt and gravel	0- 15	15
EH 169. 414429N0723652.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Clay, soft, gray	15- 20	5
Sand, medium; trace very fine sand and gravel	0- 20	20	EH 170. 414438N0723658.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
Clay, soft, gray	20- 25	5	Sand, fine, with trace of clay and gravel	0- 14	14
EH 171. 414439N0723739.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Clay, soft, gray	14- 20	6
Sand, very fine to fine	0- 14	14	EH 172. 414441N0723732.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
Sand, fine to medium	14- 16	2	Sand, fine, trace of clay and gravel	0- 19	19
Sand and gravel, interbedded	16- 26	10	Clay, soft, light gray	19- 23	4
Clay, soft, gray	26- 31	5	EH 173. 414442N0723729.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
EH 174. 414520N0723758.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Sand, fine; trace of gravel	0- 19	19
Sand, fine to coarse; trace of gravel	0- 19	19	Sand, fine; trace of clay	19- 23	4
Sand, fine to coarse	19- 25	6	EH 175. 414502N0723740.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
Sand, very fine to fine	25- 31	6	Sand, fine to medium; trace of fine gravel	0- 20	20
EH 176. 414516N0723739.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Sand, medium to coarse	20- 25	5
Sand, fine to medium; trace of gravel	0- 20	20	Sand, fine	25- 27	2
Sand, medium to coarse	20- 27	7	Clay, soft, gray	27- 30	3
Clay, soft, light gray	27- 30	3	EH 177. 414505N0723736.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.		
EH 177. 414505N0723736.1. Pratt & Whitney Div. United Aircraft. D. L. Maher Co.			Topsoil	0- 1	1
Sand, fine to medium; silt	1- 2	1	Sand, fine to medium; silt	1- 2	1
Sand, fine to medium; scattered gravel	2- 14	12	Sand, fine to medium; scattered gravel	2- 14	12
Sand, medium, with scattered gravel	14- 18	4	Sand, medium, with some coarse sand	18- 21	3
Sand, medium	18- 21	3	Clay, yellow	21- 26	5
Clay, yellow	26- 27	1	Clay, blue	27- 30	3
Clay, blue	27- 30	3	EH 178. 415333N0723504.1. E. B. Woolam, Becker.		
EH 178. 415333N0723504.1. E. B. Woolam, Becker.			Sand	0- 15	15
Sand	0- 15	15	Clay	15-195	180
Clay	15-195	180	Gravel	195-198	3
Gravel	195-198	3	Sandstone	at 198	
Sandstone	at 198		EH 7. 415352N0723513.1. Kenneth Winn, Becker.		
EH 7. 415352N0723513.1. Kenneth Winn, Becker.			Clay	0-140	140
Clay	0-140	140	Gravel	140-152	12
Gravel	140-152	12			

Table 2.--Logs of selected wells--Continued

Town of East Windsor--Continued											
	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
EW 10. 415401N0723448.1. L. Stoughton, Becker.			EW 87. 415553N0723327.1. Ed Radziewicz, C. J. Hill.			EW 106. 415504N0723334.1. Conn. Water Co. Layne-New England Co.					
Sand	0-18	18	Soil, sandy	0-10	10	Clay, brown	0-30	30			
Clay	18-156	138	Clay	10-168	158	Clay, red	30-74	44			
Gravel	156-160	4	Sand	168-186	18	Sand, fine to medium, silty	74-79	5			
Sandstone	at 160		Peastone	186-188	2	Sand, fine to coarse, red-brown	79-84	5			
			Rock, red	188-250	62	Sand, fine to coarse; trace gravel	84-104	20			
EW 30. 415409N0723223.1. R. F. Chamberlin, Chaplain.			EW 88. 415451N0723334.1. Conn. Water Co. Layne-New England Co.			EW 107. 415629N0723252.1. Conn. Water Co. Layne-New England Co.					
Gravel and sand	0-30	30	Sand, fine to medium; fine gravel; trace clay	0-17	17	Topsoil	0-2	2			
Sandstone	30-55	25	Sand, fine to medium	17-26	9	Sand, fine to medium, brown	2-49	47			
EW 41. 415359N0723116.1. Neil Sorrenson, George Limberger.			Sand, fine to coarse, and fine to medium gravel	26-40	14	Clay, red; some sand	49-69	20			
Sand	0-60	60	Sand, coarse, and fine to medium gravel; some fine sand	40-53	13	Refusal	at 69				
Sandstone	60-142	82	Refusal	at 53		EW 108. 415500N0723336.1. Conn. Water Co. Layne-New England Co.					
EW 47. 415617N0723144.1. J. A. Hall, Hammond.			EW 89. 415450N0723335.1. Conn. Water Co. Layne-New England Co.			EW 109. 415450N0723344.1. Conn. Water Co. Layne-New England Co.					
Sand	0-40	40	Sand, fine to medium, and fine to medium gravel	0-15	15	Topsoil	0-4	4			
Sandstone	40-252	212	Sand, medium to coarse, and fine to medium gravel	15-44	29	Clay, gray; some fine sand	4-16	12			
EW 67. 415334N0723233.1. Reginald Ames, C. J. Hill.			Refusal	at 44		Sand, fine to medium, red; some gravel and clay	16-39	23			
Hardpan	0-10	10	EW 90. 415451N0723334.2. Conn. Water Co. Layne-New England Co.			Sand, coarse; rounded gravel	39-52	13			
Sand and gravel	10-110	100	Sand, fine	0-14	14	Sand, fine to medium; some gravel and red clay	52-63	11			
Shale, red	110-200	90	Sand, fine to medium, with heavy gravel streaks	14-22	8	EW 110. 415454N0723343.2. Conn. Water Co. Layne-New England Co.					
EW 70. 415217N0723419.1. James T. King, Jr., Conn. Valley Artesian Well Co.			Sand, medium to coarse, and heavy gravel	22-30	8	Topsoil	0-1	1			
Sand, fine, loose, yellow	0-120	120	Sand, medium, and some gravel	30-38	8	Sand, fine to medium; some gravel	1-33	3			
Hardpan and cobbles, packed, reddish- brown	120-125	5	Sand, medium	38-50	12	Sand, fine to medium; red clay	33-58	25			
Rock, red	125-209	84	Sandstone, Triassic-age	50-52	2	Refusal	at 58				
EW 71. 415215N0723420.1. Stanley Poliski, C. J. Hill.			EW 91. 415304N0723416.1. U.S. Geol. Survey, U.S. Geol. Survey.			EW 111. 415451N0723334.1. Conn. Water Co. Layne-New England Co.					
Sand	0-122	122	Sand, medium to coarse, with pebbles	0-9	9	Topsoil	0-2	2			
Peastone	122-125	3	Sand, medium to coarse, and some fine pebbles	9-120	111	Clay, gray; some fine sand	2-15	13			
Shale, red	125-170	45	EW 92. 415344N0723430.1. Carlos E. Watson, George Limberger.			Clay, gray; sand; gravel	15-20	5			
EW 72. 415413N0723313.1. Robert Kupec, George Limberger.			Sand, fine	0-20	20	Sand, medium to coarse; gravel	20-59	39			
Sand and gravel	0-131	131	Clay	20-80	60	Sand, fine to medium; red clay	59-61	2			
Rock, red	131-215	84	Gravel, medium	80-100	20	Shale, red	61-69	8			
EW 76. 415252N0723529.1. Carl G. Wheeler, Harold M. Cook.			Rock, red	100-190	90	EW 112. 415316N0723635.1. Southern Auto Sales. George Limberger.					
Hardpan, red	0-8	8	EW 93. 415235N0723359.1. Cons. Ciger Co., George Limberger.			Sand, fine to medium; fine gravel and traces of brown clay	0-17	17			
Mud, gray	8-144	136	Sand, coarse	0-150	150	Sand, fine to medium, brown	17-26	9			
Silt, very fine, red	144-170	26	Rock, red	150-400	250	Sand, fine to coarse, and fine to medium, brown gravel	26-40	14			
Gravel, muddy, red	170-178	8	EW 94. 415452N0723222.1. Priscilla Goettler, George Limberger.			Sand, coarse, and fine to medium gravel; some fine, red-brown sand	40-51	11			
Sandstone, red	178-184	6	Sand, fine	0-30	30	Refusal	at 51				
EW 77. 415310N0723601.1. George Hallinson, J. W. Taylor.			Sand, coarse	30-80	50	EW 113. 415444N0723408.1. William A. Abbe, C. J. Hill.					
Clay	0-110	110	Rock, red	80-205	125	Sand, coarse	0-10	10			
Sandstone, red	110-200	90	EW 95. 415302N0723155.1. Charles Gilson, Stevens Bros., Inc.			Clay, gray	10-70	60			
EW 78. 415558N0723524.1. Richard Hamlin, Conn. Valley Artesian Well Co.			Clay, reddish	0-11	11	Gravel, coarse	70-80	10			
Clay, packed, blue	0-72	72	Rock, red	11-125	114	Rock, red	80-355	275			
Rock, medium, red	72-235	163	EW 102. 415228N0723116.1. Ralph Hastillo, George Limberger.			EW 114. 415358N0723457.1. Donald Poweroy, C. J. Hill.					
EW 79. 415600N0723510.1. Joseph Mikalson, Harold M. Cook.			Sand, coarse	0-25	25	Clay	0-160	160			
Mud, gray	0-90	90	Hardpan	25-40	15	Gravel	160-185	25			
Silt, very fine, red	90-151	61	Rock, red	40-85	45	EW 115. 415314N0723545.1. Adolf Bart, C. J. Hill.					
Shale, quite soft, red	151-201	50	EW 103. 415454N0723343.1. Conn. Water Co. Layne-New England Co.			Clay	0-100	100			
EW 80. 415609N0723415.1. R. J. Souer, C. J. Hill.			Clay, brown	0-10	10	Gravel	100-146	46			
Soil, sandy	0-5	5	Clay, soft, red	10-40	30	EW 117. 415455N0723318.1. Pauline Legassie, Christian Gottler & Sons.					
Clay	5-100	95	Clay, red, and fine gravel	40-45	5	Sand and gravel	0-110	110			
Sand	100-115	15	Gravel, clean, loose, fine	45-49	4	Sandstone	110-165	55			
Rock, red	115-164	49	Clay	at 49		EW 120. 415618N0723407.1. William Bulgajewski, Stevens Bros., Inc.					
EW 81. 415442N0723406.1. William Totzeck, C. J. Hill.			EW 104. 415448N0723335.1. Conn. Water Co., R. E. Chapman Co.			Soil, sandy	0-8	8			
Soil, sandy	0-6	6	Sand, medium	0-15	15	Clay, red	8-120	112			
Clay	6-90	84	Sand, medium to coarse	15-25	10	Rock, gray	120-200	80			
Gravel	90-105	15	Gravel, fine	25-35	10	EW 121. 415254N0723529.1. Mrs. Percy LaPointe, Conn. Valley Artesian Well Co.					
EW 83. 415241N0723245.1. Emil Mulnite, George Limberger.			Gravel, fine; small amounts of sand	45-50	5	Sand	0-7	7			
Sand	0-60	60	Gravel, medium	50-60	10	Clay	7-165	158			
Rock, red	60-360	300	Gravel, medium to coarse	60-71	11	Hardpan	165-177	12			
EW 86. 415541N0723344.1. John Rice, Becker.			Gravel, very coarse	71-72	1	Rock	177-182	5			
Sand, fine	0-20	20	Bedrock, red			EW 105. 415458N0723334.1. Conn. Water Co. Layne-New England Co.					
Clay, gray	20-169	149	Clay, brown			Clay, soft, red	0-10	10			
Gravel, medium	169-171	2	Clay, red; fine to medium sand; some gravel	10-40	30	Clay, red; fine to medium sand; some gravel	40-45	5			
Rock, red	171-510	339	Sand, fine to coarse, with some medium to coarse gravel	45-50	5	Sand, fine to coarse; some medium to coarse sand	50-59	9			
			Gravel, medium to coarse; some medium to coarse sand	59-64	5	Clay, reddish brown	59-64	5			

Table 2.--Logs of selected wells--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
<u>Town of East Windsor--Continued</u>			EL 66. 415547N0722302.1. Francis Manner. Stavens Bros., Inc.			EF 53. 415724N0722331.1. Thomas Jenkinson. Harold H. Cook.		
EW 122. 415559N0722313.1. Anle Breton. C. J. Hill.			Gravel	0- 15	15	Sand, coarse, loose, gray	0- 19	19
Clay, gray and red	0-135	135	Soil, black with hugh boulders	15-210	195	Sand, coarse, loose, red	19- 32	13
Gravel	135-155	20	Rock, gray	210-510	300	Hardpan, packed, red	32- 44	12
EW 123. 415413N07223523.1. Lewis D. Dewley. C. J. Hill.			EL 67. 415403N0722735.1. Shell Oil Co. Conn. Valley Artesian Well Co., Inc.			Shale, soft, red	44- 90	46
Sand	0- 7	7	Sand and cobbles	0- 51	51	EF 54. 415711N0723329.1. Robert Balisio. Harold H. Cook.		
Clay, gray and red	7-120	113	Rock	51-111	60	Clay, gray	0- 78	78
Sand	120-130	10	EL 68. 415410N0722747.1. Town of Ellington. Christian Gottler & Sons.			Silt, red	78-160	82
Gravel, peastone	130-132	2	Sand and gravel	0- 75	75	Sand, mostly fine, red, slight amount	160-175	15
EW 124. 415302N0723524.1. Louis Chapdelaine. Stavens Bros., Inc.			Sandstone	75-235	160	Shale, red	175-195	20
Sand	0- 10	10	EL 69. 415437N0722909.1. Mrs. Mary DeCarli. George L. Engel.			EF 56. 415917N0723336.1. Joseph Seminara. Conn. Valley Artesian Well Co., Inc.		
Clay	10-150	140	Sand, fine	0-100	100	Sand, fine, loose, yellow	0- 12	12
Sand and gravel	150-170	20	Clay	100-145	45	Clay, hard, brown	12- 88	76
EW 125. 415314N0723414.1. A. L. Elsworth. Stavens Bros., Inc.			Rock, red	145-184	39	Cobbles and sand, tight	88- 90	2
Sand	0- 30	30	EL 70. 415302N0722857.1. Pinney Brook Garden Apts. Christian Gottler & Sons.			Silt, fine, loose	90-155	65
Clay, sandy, and hardpan	30-173	143	Sand and gravel	0- 39	39	Gravel, fine, hard	155-168	13
Rock, red	173-325	152	Rock, red	39-115	76	Gravel, fine, loose	168-180	12
EW 126. 415242N0723540.1. Alex Szalay. C. J. Hill.			EL 72. 415237N0722854.1. Russell Williams. Christian Gottler & Sons.			EF 57. 420036N0723507.1. S. Andrade. Bray Bros.		
Sand	0- 2	2	Sand and gravel	0- 36	36	Sand, yellow	0- 5	5
Clay	2-114	112	Sandstone	36- 75	39	Clay, gray	5-100	95
Sand	114-125	11	EL 74. 415524N0722707.1. Ernest Mayer. Christian Gottler & Sons.			Gravel and hardpan, red	100-115	15
Gravel, peastone	125-129	4	Sand and gravel	0-140	140	Sandstone	115-158	43
EW 127. 415538N0723342.1. Anle Breton. C. J. Hill.			Rock, red	140-240	100	EF 63. 420117N0723234.1. Hemingway Transport. Harold H. Cook.		
Sand	0- 20	20	EL 75. 415358N0722726.1. John Johnson. Christian Gottler & Sons.			Sand, coarse	0- 8	8
Clay	20-150	130	Sand and gravel	0- 75	75	Clay, gray	8- 95	87
Sand and gravel	150-172	22	Sandstone	75-180	105	Silt, very fine, red	95-110	15
EW 128. 415517N0723407.1. Robert A. Blouin. Stavens Bros., Inc.			EF 76. 415835N0723454.1. Enfield Dairy. George Linberger.			Mud, red	110-118	8
Sand and gravel	0- 75	75	Sand, fine	0- 18	18	Shale, red	118-250	132
Hardpan	75-140	65	Sandstone	18-164	146	EF 66. 415827N0723611.1. Frank Mercik. Conn. Valley Artesian Well Co., Inc.		
Rock	140-245	105	EF 31. 420029N0713243.1. Guy Moody. Champlin.			Clay, blue	0- 15	15
EW 132. 415250N0723533.1. Milan Smith. C. J. Hill.			Sand	0- 35	35	Hardpan, packed, hard, red	15- 36	21
Sand	0- 10	10	Sandstone	35-146	111	Rock, soft, red	36-157	121
Clay	10-140	130	EF 21. 415942N0723149.1. John Hiedala. Champlin.			EF 68. 415957N0723041.1. Hazardville Water Co. S. B. Church Co.		
Sand and gravel	140-164	24	Sand	0- 25	25	Clay and silt, red	0- 84	84
<u>Town of Ellington</u>			Sandstone	25-120	95	Sandstone, red	84-503	419
EL 15. 415259N0722754.1. Frederick Spielman. George Linberger.			EF 28. 420030N0723256.1. Charles Pasini. Champlin.			EF 69. 415706N0723232.1. Hazardville Water Co. S. B. Church Co.		
Sand and gravel	0- 9	9	Sand	0- 34	34	Clay, red	0- 17	17
Sandstone	9-160	151	Sandstone	34-125	91	Silt and clay	17- 55	38
EL 55. 415458N0722857.1. J. DeCarli. George Linberger.			EF 44. 420114N0723441.1. Conn. Water Co. Calsson Wells, Inc.			Sand, coarse, red	55- 67	12
Sand and gravel	0- 65	65	Clay, yellowish gray	0- 15	15	Rock, red	67- 72	5
Sandstone	65-135	70	Clay, reddish	15- 25	10	EF 78. 415722N0723239.1. Stephen E. Tobey. George Linberger.		
EL 59. 415503N0722714.1. Grace J. Sikes. Christian Gottler & Sons.			Sand, fine to medium, red, with some gravel and clay	25- 37	12	Sand, fine	0- 80	80
Sand and gravel	0- 45	45	Sand, coarse, and some gravel	37- 70	33	Clay	80-110	30
Sandstone, red	45-150	105	Sand and gravel with some silt	70- 80	10	Gravel, medium	110-135	25
EL 60. 415503N0722834.1. Joseph DeCarli. George Linberger.			EF 47. 420139N0723112.1. William Fleck. State Line Well Drilling.			Rock, red	135-280	145
Sand and gravel	0- 65	65	Sand, fine, yellow	0- 15	15	EF 79. 415903N0723036.1. Hazardville Water Co. S. B. Church Co.		
Rock, red	65-135	70	Sand, fine	15- 40	25	Sand, fine	0- 15	15
EL 61. 415339N0722908.1. Roger Rindard. Rex Artesian Wells.			Clay, gray	40- 60	20	Gravel, medium	15- 20	5
Hardpan	0- 30	30	Gravel, red	60- 88	28	Sand and gravel	20- 30	10
Sand, coarse	30- 50	20	EF 50. 420045N0723151.1. Clarence Savage. Conn. Valley Artesian Well Co., Inc.			Clay with gravel	30- 40	10
Gravel, packed	50- 60	10	Clay, soft, gray	0- 62	62	Gravel, dirty	40- 46	6
Rock, red	60-150	90	Rock, soft, red	62-157	95	EF 80. 415905N0723039.1. Hazardville Water Co. S. B. Church Co.		
EL 62. 415618N0722719.1. Helen Marsh. Christian Gottler & Sons.			EF 51. 420143N0723217.1. Lesley V. Jordan. Conn. Valley Artesian Well Co., Inc.			Muck	0- 3	3
Sand and gravel	0- 62	62	Sand, fine, loose, yellow	0- 67	67	Sand, coarse	3- 12	9
Sandstone, red	62-145	83	Clay, sandy, soft, gray	67- 72	5	Sand and gravel	12- 17	5
EL 63. 415416N0722821.1. St. Lukes Church. George Linberger.			Clay, soft, gray	72- 85	13	Sand, coarse	17- 23	6
Sand, fine	0- 20	20	Gravel, coarse, packed	85- 88	3	Sand and gravel	23- 29	6
Sand, coarse	20- 95	75	Clay and gravel	88- 90	2	Sand, fine	55- 60	5
Rock, red	95-194	99	Rocks, soft, red	90-185	95	Sand, coarse and fine in layers	60- 65	5
EL 65. 415232N0722836.1. Acromold Products Corp. Christian Gottler & Sons.						Sand, coarse	65- 70	5
Sand and gravel	0- 60	60				Gravel, coarse	70- 75	5
Sandstone, red	60-250	190				Sand, medium	75- 80	5
						Sand, fine and coarse	80- 87	7
						Sand and gravel	87-102	15
						Sand, dirty, sign of clay	102-108	6
						Sand, fine and clay layers	108-113	5

Table 2.--Inops of selected walls--Continued

24

Table 2.--Logs of selected wells--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
<u>Town of Glastonbury--Continued</u>			H 106. 414604N0724053.1. Shoreham Motel Hotel. Conn. Valley Artesian Well Co., Inc.			H 142. 414546N0723102.1. Town of Manchester Water Dept. WEDCO.		
GL 213. 414311N0723321.1. Edward Nordstrom, C. F. Volkert & Son.			Clay	0- 15	15	Silt and clay, red, with some coarse gravel	0- 10	10
Sand, medium	0- 26	26	Hardpan, gravelly	15- 36	21	Silt and clay, red	10- 40	30
Clay, red	26- 47	21	Ledge, red and black	36-500	464	Sand, medium to coarse, brown, and red silt	40- 45	5
Rock, red	47-231	184				Sand, medium to coarse, and cobbles	45- 50	5
GL 214. 414255N0723321.1. Dominic Pellizzari, V. Leone & Son.			H 107. 414555N0724015.1. Phoenix Mutual Life Ins. Co. S. B. Church Co.			Sand, medium to coarse, brown, some gravel	50- 70	20
Sand, fine	0- 20	20	Overburden	0- 4	4	Sand, medium to coarse, and coarse gravel	70- 75	5
Sand, medium	20- 40	20	Sandstone, hard, red	4- 35	31	Silt, sand and gravel	75- 78	3
Sand, medium to coarse	40- 50	10	Sandstone, soft, red	35- 55	20	Refusal	at 78	
			Sandstone, red, with streaks of black shale	55-107	52			
GL 215. 414323N0723309.1. G. Frankenberger, Stevens Bros., Inc.			H 108. 414736N0723340.1. City Auto Parts, V. Leone & Son.			H 148. 414743N0723334.1. Klock Corp., I. W. Taylor.		
Hardpan	0-100	100	Silt	0- 15	15	Overburden and gravel	0- 30	30
Rock, red	100-158	58	Hardpan	15- 23	8	Sand, fine	30-243	213
			Rock	23-100	77	Sandstone, red	243-485	242
GL 216. 414130N0723207.1. Wotr. Stevens Bros., Inc.			<u>Town of Manchester</u>			H 151. 414511N0723412.1. Renato Cimiano, V. Leone & Son.		
Silt and sand	0- 20	20	M 59. 414544N0723041.1. Town of Manchester Water Dept. S. B. Church Co.			Sand, medium	0- 90	90
Sand and gravel, loose	20- 36	16	Topsoil, fine to coarse; sand and clay Sand, fine to coarse	0- 15	15	Rock	90-120	30
Granite	36-240	204	Sand, fine, and gravel	15- 26	11			
GL 217. 414034N0723500.1. P. R. Krough, Paganetti Well Drilling Co.			Sand, fine to medium, and some clay	26- 27	1	H 154. 414641N0723330.1. Town of Manchester Water Dept. S. B. Church Co.		
Sand and gravel	0- 65	65	Sand, fine to coarse; clay and gravel	27- 35	8	Sand, fine	0- 5	5
Granite	65-277	212	Sand, fine to coarse, and gravel	35- 40	5	Sand, rather fine, clean, red	5- 50	45
GL 219. 414302N0723233.1. Metropolitan Dist. Comm. V. Leone & Son.			Sand, fine to coarse; some gravel and clay	40- 46	6	Sand, coarse, clean, red	50- 56	6
Sand, medium	0- 40	40		46- 53	7	Sand, coarse, some gravel	56- 58	2
GL 220. 414303N0723344.1. Philip Goldberg, Bufford Drilling Co.			H 64. 414752N0723329.1. Humble Oil Co., V. Leone & Son.			Sand, fine, and clay	58- 70	12
Sand and gravel	0- 77	77	Sand, fine to medium, red	0- 60	60	Hardpan	70- 80	10
GL 223. 414225N0723417.1. Aaron Suggs, Jr., V. Leone & Son.			Clay, red	60- 69	9			
Sand, fine	0- 50	50	Sand, red, some gravel between 200 & 223 ft	69-223	154	H 155. 414544N0723041.2. Town of Manchester Water Dept. S. B. Church Co.		
Sand, medium	50- 78	28	Rock	223-380	157	Sand and gravel, reddish	0- 40	40
Sand, coarse	78- 88	10				Gravel, coarse	40- 44	4
GL 224. 414321N0723201.1. W. G. Robertson, Paganetti Well Drilling Co.			H 70. 414500N0723042.1. Town of Manchester Water Dept. S. B. Church Co.			Boulders up to 1 ft in diam	44- 45	1
Sand and gravel	0-120	120	Clay, red	0- 45	45	Sand, fine	45- 47	2
Rock, red	120-550	430	Sandstone, red, with layers of black shale	45-580	535	Gravel, coarse	47- 52	5
GL 225. 414303N0723256.1. A. J. Massolino, V. Leone & Son.						Hardpan	52- 53	1
Sand	0- 20	20	H 71. 414657N0722831.1. Town of Manchester, I. W. Taylor.			Bedrock	at 53	
Clay	20- 45	25	Sand and gravel	0- 74	74			
Sand, medium	45- 58	13	Granite, gray	74-125	51	H 156. 414437N0723103.1. Manchester Country Club, S. B. Church Co.		
GL 227. 413922N0723629.1. Joseph Clemens, I. W. Taylor.			H 75. 414518N0723228.1. Town of Manchester Water Dept. S. B. Church Co.			Sand and clay	0- 25	25
Sand and gravel	0- 85	85	Clay, red, and fine sand	0- 17	17	Hardpan	25- 31	6
Sandstone, red	85-160	75	Sandstone, red	17-812	795	Shale, red	31- 37	6
GL 228. 414017N0723305.1. Metropolitan Dist. Comm. WEDCO.			H 78. 414717N0723321.1. Town of Manchester Water Co. S. B. Church Co.			Sandstone, red	37- 49	12
Sand, fines; silt; fine gravel	0- 15	15	Topsoil	0- 2	2	Brownstone	49- 54	5
Sand, coarse to very coarse	15- 23	8	Cobble gravel	2- 10	8	Sandstone, red	54- 70	16
Silt, clayey, red; occasional sand stringers	23- 40	17	Sand, coarse, dirty	10- 15	5	Brownstone	70- 81	11
Sand, fine to medium	40- 45	5	Gravel, coarse, dirty	15- 35	20	Sandstone, red	81-122	41
Sand, very fine; silt	45- 47	2	Sand, coarse, dirty	35- 40	5	Shale, red	122-134	12
Refusal	at 47		Sand and gravel, coarse, clean	40- 80	40	Sandstone, red	134-151	17
GL 229. 414348N0723227.1. Metropolitan Dist. Comm. WEDCO.			Clay and fine sand	80- 95	15	Brownstone	151-159	8
Sand, coarse; occasional gravel	0- 20	20	H 79. 414718N0723326.1. Town of Manchester Water Co. S. B. Church Co.			Sandstone, red	159-180	21
Sand, very coarse; fine gravel; occasional small boulders	20- 31	11	Gravel, dirty	0- 8	8	Sandstone, hard	180-186	6
Sand, fine; compact clay	31- 34	3	Sand, fine, dirty, and clay	8- 52	44	Shale, red	186-219	33
Sand, fine to coarse	34- 35	1	Sand, coarse, clean	52- 55	3	Sandstone, hard	219-226	7
GL 230. 414202N0723253.1. Town of Glastonbury, S. B. Church Co.			Gravel, clean	55- 62	7	Shale, red	226-248	22
Sand, coarse	0- 25	25	Sand, coarse, clean	62- 75	13	Quartz	248-257	9
Silt and clay	25- 37	12	Sand, medium and fine, clean	75- 98	23	Shale, red	257-278	21
Sand, coarse	37- 45	8	Sand, fine, dirty, and clay	98-103	5	Brownstone, hard	278-284	6
Sand, medium	45- 52	7				Sandstone, red	284-331	47
Sand, coarse	52- 61	9	H 135. 414747N0723108.1. Rogers Paper Corp., S. B. Church Co.			Brownstone	331-338	7
Sand, fine	61- 63	2	Silt, red, and clay	0- 14	14	Sandstone, red	338-357	19
			Sandstone, red	14-405	391	Quartz	357-366	9
<u>Town of Hartford</u>			Sandstone, red (large crevices)	405-435	30	Sandstone, red	366-379	13
H 1. 414620N0724016.1. Hartford Provision Co., Hammond.			Sandstone, red	435-450	15	Quartz	379-387	8
Clay	0- 25	25	Sandstone, red (caving rock)	450-475	25	Sandstone, red	387-415	28
Rock, red	25-306	281				Quartz	415-421	6
H 105. 414723N0723932.1. Meadow Lanes Bowling Center, Conn. Valley Artesian Well Co., Inc.			H 137. 414532N0723312.1. Manchester Packing Co. Stevens Bros., Inc.			Sandstone, red	421-454	33
Clay and silt	0- 12	12	Sand, wet	0- 25	25	Quartz	454-461	7
Gravel and silt	12- 22	10	Gravel	25- 50	25	Sandstone, red	461-480	19
Hardpan	22- 27	5	Rock	50-550	500			
Ledge, soft, red	27-357	330	H 141. 414545N0723046.2. Town of Manchester Water Dept. S. B. Church Co.					
			Fill	0- 10	10	<u>Town of Newington</u>		
			Gravel, coarse, dirty	10- 60	50	N 26. 414124N0724355.1. F. Grobowski, Hammond.		
						Clay	0- 32	32
						Gravel	32- 65	33
						Rock, red	65-128	63
						N 50. 414115N0724257.1. Jane L. McMerney, Hammond.		
						Sand and gravel	0- 54	54
						Rock, red	54-154	100
						N 93. 414125N0724225.1. Hi-View Motel, E. T. Giddan.		
						Hardpan	0- 3	3
						Traprock	3-375	372
						Shale, red	375-440	65
						N 196. 414147N0724231.1. A. N. Jorgenson, Jr., Rizza Drilling Corp.		
						Gravel	0- 6	6
						Traprock	6-150	144
						Rock, red	150-330	180

Table 2.--Logs of selected wells--Continued

Town of Newington--Continued			Town of Rocky Hill			SO 16, 41584/4N0722756.1. Victor Pothier, Champlin.		
Depth (feet)	Thick-ness (feet)		Depth (feet)	Thick-ness (feet)		Depth (feet)	Thick-ness (feet)	
N 197, 414309N0724302.1. Tube Bends Inc. Joseph J. Stack.			RH 17, 413916N0723801.1. William A. Martino, Hammond.			SO 63, 420129N0722709.1. Franklin Kibbe, Pease Co., Inc.		
Topsoil and sand	0- 20	20	Sand	0- 50	50	Sand	0- 62	62
Clay	20-135	115	Gravel	50- 70	20	Sandstone	62-135	73
Hardpan	135-160	25	Sand	70-130	60			
Gravel, fine	160-165	5	Gravel	130-160	30			
Hardpan, some clay	165-205	40	Sandstone	160-293	133	Sand	0- 51	51
Rock, red	205-325	120	Granite	293-295	2	Sandstone	51- 84	33
			Slate	295-300	5			
N 198, 414110N0724355.1. Indian Hill Country Club, S. B. Church Co.			RH 23, 414001N0723827.1. Sal DePerlo, Hammond.			SO 65, 420159N0722701.1. Alfred Jonellis, Pease Co., Inc.		
Clay	0- 37	37				Sand	0- 80	80
Gravel	37- 43	6	Hardpan	0- 35	35	Sandstone	80-154	74
Hardpan	43- 46	3	Slate plus white or altered sandstone	35-130	95			
Shale, red	46- 84	38				SO 68, 420157N0722930.1. Harold Newcomb, Pease Co., Inc.		
Brownstone	84- 91	7	RH 37, 413852N0724053.1. R. H. Dexter, Hammond.			Sand	0- 22	22
Shale, red	91-104	13	Hardpan	0- 16	16	Sandstone	22-102	80
Brownstone	104-112	8	Trap	16- 91	75			
Shale, gray	112-127	15	Rock, red	91-188	97			
Shale, red	127-139	12				SO 72, 415934N0722631.1. Donald Stevenson, Conn. Valley Artesian Well Co., Inc.		
Brownstone	139-161	22	RH 42, 414017N0723905.1. George Hummel, Hammond.			Cobbles and gravel, 2-6 in. diam.	0- 38	38
Shale, gray	161-180	19	Clay	0- 15	15	Hardpan, packed, red	38- 72	34
Shale, red	180-191	11	Trap	15- 23	8	Bedrock, soft, red	72-147	75
Brownstone	191-201	10	Rock, red	23- 84	61			
Shale, gray	201-218	17				SO 73, 415933N0722626.1. Henry Krause, Harold M. Cook.		
Brownstone	218-222	4	RH 68, 413856N0723740.1. Pratt & Whitney Div. United Aircraft, Hammond.			Sand, coarse, gray	0- 30	30
Shale, gray	222-227	5	Sand and quicksand	0-175	175	Sand, medium, gray	30- 60	30
Traprock	227-232	5	Hardpan	175-179	4	Sand, fine, gray, and gravel, 0.5-0.25 in	60- 76	16
Shale, hard, gray	232-246	14	Slate	179-184	5	Shale, red	76-108	32
Shale, blue	246-269	23	Granite, Trilassic-age	184-230	46			
Shale, hard, blue	269-286	17	Slate	230-240	10	SO 76, 415943N0722731.1. William Goodwin, Conn. Valley Artesian Well Co., Inc.		
Shale, gray	286-292	6	Granite, Trilassic-age	240-265	25	Sand, medium to coarse	0- 26	26
Shale, hard, blue	292-333	41	Granite, pink, Trilassic-age	265-303	38	Gravel, fine	26- 30	4
Shale, red	333-350	17				Sand, fine	30- 36	6
N 199, 414126N0724414.1. Indian Hill Country Club, S. B. Church Co.			RH 69, 413923N0723813.1. Leo Paholsky, Hammond.			Gravel, medium to coarse	36- 42	6
Overburden	0- 25	25	Sand	0- 35	35	Rock, medium, red	42-109	67
Shale, soft, gray	25- 35	10	Hardpan	35- 80	45			
Shale, soft, red	35- 52	17	Sand	80-113	33	SO 80, 415744N0722701.1. Cedar Knob Golf Course, Rollin C. Beers.		
Shale, soft, gray	52- 64	12	Gravel	113-128	15	Peat bog	0- 20	20
Shale, soft, red	64- 90	26	Quicksand	128-132	4	Clay and sand	20- 40	20
Shale, hard, gray	90- 95	5	Granite, Trilassic-age, and sandstone	132-138	6	Hardpan	40- 60	20
Shale, hard, red	95-120	25	Slate	138-142	4	Rock, red	60-400	340
Shale, soft, red	120-225	105	Granite, Trilassic-age, and sandstone	142-206	64			
Shale, soft, gray	225-240	15				SO 82, 415949N0722650.1. Walter Dubiel, George Linberger.		
Shale, soft, red	240-258	18	RH 71, 413950N0724116.1. Harry J. Hayes, Hammond.			Sand, coarse	0- 35	35
Shale, soft, gray	258-264	6	Hardpan	0- 10	10	Gravel, coarse	35- 90	55
Shale, soft, red	264-350	86	Quicksand	10- 15	5	Rock, red	90-175	85
			Boulders	15- 25	10			
N 200, 414121N0724426.1. Indian Hill Country Club, S. B. Church Co.			Rock, red	25- 45	20	SO 84, 415837N0722658.1. Broad Brook Water Co. Layne-New England Co.		
Overburden	0- 17	17	Granite, Trilassic-age, and sandstone	45- 55	10	Peat	0- 5	5
Shale, hard, red	17- 20	3	Rock, red	55-104	49	Sand, medium to coarse, brown with some clay and gravel	5- 20	15
Shale, hard and soft, red, in layers	20-110	90				Sand, fine to coarse, with coarse gravel	20- 37	17
Shale, soft, gray	110-117	7	RH 78, 413852N0723733.1. Pratt & Whitney Div. United Aircraft, Ranney Method Water Supplies.			Sand, fine, with traces of clay; clay increases with depth	37- 53	16
Shale, soft, red	117-160	43	Water	0- 4	4	Refusal	at 53	
Shale, hard, red	160-169	9	Sand, coarse, and gravel	4- 42	38			
Shale, soft, gray	169-183	14	Sand, fine, red	42- 46	4	SO 87, 415802N0722722.1. Stanley Lombard, George Linberger.		
Shale, soft, red	183-410	227	Sand, coarse, and gravel	46- 55	9	Sand, very fine	0- 20	20
			Sand, gravel, clay, and boulders	55- 63	8	Sand, coarse	20- 50	30
N 201, 414129N0724231.1. Ed Seremet, E. T. Gidden.			Traprock, blue	63- 64	1	Rock, red	70-166	96
Trap	0-380	380						
Rock, red	380-476	96	RH 79, 413834N0723929.1. Robert Bugal, Charles K. Rhodes & Sons.			SO 88, 415911N0722714.1. John H. Lyons, George Linberger.		
			Hardpan, red and brown	0-105	105	Sand, very fine	0- 20	20
Town of Portland			Shale, red and gray	105-190	85	Sand, coarse	20- 50	30
P 53, 413355N0723523.1. E. M. Hare, S. B. Church Co.			Brownstone	190-228	38	Rock, red	50-174	124
Sand	0- 47	47						
Quicksand	47- 62	15	RH 83, 413835N0723940.1. Gardners Nurseries, Inc. S. B. Church Co.					
Sand and gravel	62-188	126	Topsoil	0- 2	2	SO 90, 415945N0722807.1. Stephen Gajowski, Conn. Valley Artesian Well Co., Inc.		
			Sand, coarse, and gravel	2- 50	48	Sand, fine	0- 20	20
P 68, 413347N0723512.1. Taylor's Doghouse, W. J. Leiser.			Sand, medium, clean	50- 55	5	Sand, silty	20- 49	29
Sand, some gravel	0- 60	60	Sand, coarse	55- 67	12	Gravel, fine	49- 54	5
Gravel, packed	60-100	40	Sand, fine	67- 72	5	Rock, red - shale	54-122	68
Quicksand	100-193	93						
Rock, crystalline	193-228	35	Town of Somers			SO 93, 415902N0722854.1. Burt U. Schnare, Christian Gottler & Sons.		
			SO 13, 415911N0722852.1. William Patsun, Champlin.			Sand and gravel	0- 62	62
			Gravel and sand	0- 28	28	Sandstone	62-250	188
			Sandstone	28-121	93			
P 90, 413454N0723557.1. J. Austin Sprang, Charles K. Rhodes & Sons.								
Sand, fine to coarse	0-187	187						

Table 2.--Loss of selected walls--Continued

[illegible]

Table 2.--Logs of selected wells--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Suffield--Continued			V 67. 415019N0722837.1. Vernon Water Co. S. B. Church Co.			V 81. 414928N0723013.1. John Giullietti. Stavens Bros., Inc.		
SU 92. 415746N0723827.1. Oscar Simon, George L. Engel.			Peat, black	0- 8	8	Gravel, rocky	0- 20	20
Clay	0- 50	50	Clay, gray	8- 10	2	Bedrock	20-175	155
Hardpan	50- 60	10	Sand, fine	10- 15	5			
Rock, soft, red	60-103	43	Sand, fine, dirty	15- 20	5	V 82. 415035N0722921.1. G. Evangelista, Stavens Bros., Inc.		
			Sand, coarse, and gravel	20- 28	8	Clay, reddish	0- 40	40
			Sand; gravel; some hardpan	28- 36	8	Rock, gray	40- 98	58
SU 205. 415939N0724037.1. St. Joseph Cemetery, George Linberger.			V 68. 414935N0722806.1. Vernon Water Co. Able Drillers & Pump Co.			V 83. 415133N0722901.1. James W. Kidd. Christian Gottler & Sons.		
Sand	0- 20	20	Loam	0- 3	3	Sand and gravel	0-130	130
Sand, coarse	20- 40	20	Sand, fine	3- 20	17	Sandstone	130-210	80
Clay	40- 60	20	Sand, coarse, and gravel	20- 23	3			
Hardpan	60-101	41	Gravel, coarse	23- 35	12			
Rock	101-234	133	Sand, fine, yellow, and clay	35- 43	8			
			Bedrock, hard granite	at 43				
SU 206. 415823N0723959.1. Dr. A. Nath. George Linberger.			V 69. 415030N0722845.1. Vernon Water Co. S. B. Church Co.			V 87. 414845N0723009.1. Yankee Homes. Ernest A. Smart.		
Sand, fine	0- 20	20	Cobbles	0- 6	6	Gravel	0- 75	75
Clay	20- 38	18	Clay	6- 8	2	Hardpan	75- 84	9
Rock, red	38-210	172	Gravel, takes water good	8- 15	7	Brownstone	84-140	56
			Sand, takes water good	15- 19	4			
SU 208. 415652N0723729.1. Union Carbide Linde Div. Layne-New England Co.			Gravel, takes water good	19- 29	10	V 88. 414938N0722958.1. Tri-City Shopping Center, Preenco Drilling, Inc.		
Sand, brown	0- 10	10	Sand, fine, and silt	29- 32	3	Sand and gravel	0- 45	45
Clay, gray	10- 40	30				Rock, red-brown	45-200	155
Clay, red, and silt	40- 65	25	V 70. 415045N0722850.1. Vernon Water Co. S. B. Church Co.			Town of West Hartford		
Sand, silty, and some tight gravel	65- 95	30	Cobbles	0- 10	10	WH 88. 414537N0724506.1. P. J. Fanning, Hammond.		
Sandstone, shaley, red and gray	95-260	165	Gravel, dirty	10- 25	15	Clay	0- 81	81
			Sand, fine, and clay	25- 32	7	Rock	81-134	53
SU 214. 420040N0723641.1. S. J. Frangiamore, Rollin C. Beers.			Sandstone, red	32- 48	16			
Sand, fine	0- 25	25	Shale, red	48- 54	6			
Hardpan	25- 35	10	Sandstone, red	54- 71	17			
Rock, crumbly	35- 48	13	Shale, red	71- 80	9	WH 129. 414718N0724345.1. Dr. Leo Reiner, Preenco Drilling, Inc.		
Rock, red	48-120	72	Sandstone, red	80- 95	16	Sand	0- 10	10
			Shale, red	95-112	16	Clay and boulders	10- 30	20
SU 215. 420151N0724013.1. Edward Deren, R. R. Cook.			Sandstone, red	112-121	9	Gravel and boulders	30- 40	10
Sand, fine, silty	0- 30	30	Shale, red	121-132	11	Rock, red	40-222	182
Clay	30- 80	50	Sandstone, red	132-147	15			
Hardpan	80- 98	18	Shale, red	147-162	15			
Unconsolidated material, gravelly and muddy; some medium to coarse gravel	98-108	10	Sandstone, red	162-169	7			
Shale, red	108-140	32	Shale, red	169-174	5	WH 131. 414740N0724346.1. Hartford Golf Club, S. B. Church Co.		
			Sandstone, red	174-185	11	Fill	0- 10	10
SU 216. 420046N0723935.1. Robert Adams, R. R. Cook.			Shale, red	185-195	11	Clay	10- 48	38
Sand, fine	0- 40	40	Brownstone	195-204	8	Hardpan	48- 60	12
Clay	40-105	65	Sandstone, red	204-221	17	Shale, red	60- 80	20
Silt	105-140	35	Shale, red	221-234	13	Brownstone	80- 88	8
Shale, soft, red	140-238	98	Brownstone	234-240	6	Shale, red	88-124	36
			Sandstone, red	240-252	12	Brownstone	124-130	6
SU 217. 415747N0724106.1. Lester H. Fitch, Conn. Valley Artesian Well Co., Inc.			Shale, red	252-271	19	Shale, red	130-168	38
Clay	0- 90	90	Sandstone, red	271-290	19	Brownstone	168-174	6
Silt	90-100	10	Shale, red	290-312	22	Shale, red	174-210	36
Rock, red	100-140	40	Sandstone, red	312-322	10	Sandstone, red	210-216	6
Rock, gray	140-146	6	Brownstone, hard	322-334	12	Shale, red	216-255	39
			Shale, red	334-351	17	Brownstone	255-261	6
SU 218. 420059N0724134.1. Walter Kreczbo, William H. Seibert.			Sandstone, red	351-362	11	Shale, red	261-304	43
Hardpan	0- 23	23	Shale, red	362-376	14	Brownstone	304-311	7
Rock, gray	23- 26	3	Sandstone, red	376-394	18	Shale, red	311-352	41
Rock, red	26- 56	30	Brownstone	394-400	6	Shale, hard, black	352-356	4
Trap	56- 60	4				Shale, red	356-390	34
Rock, red	60- 95	35				Sandstone, red	390-396	6
						Traprock, black	396-401	5
Town of Tolland			V 71. 415138N0722906.1. Vernon Garden Apts. Christian Gottler & Sons.			Sandstone, red		
TO 6. 415158N0722506.1. William Aberle, Christian Gottler & Sons.			Sand and gravel	0- 90	90	Shale, gray	401-415	14
Sand and gravel	0-113	113	Sandstone	90-210	120	Shale, hard, black	415-440	25
Rock, gray	113-295	182				Shale, red	440-448	8
						Shale, gray	448-455	7
Town of Vernon			V 73. 414858N0723023.1. Ted Trudon Volkswagen, Stavens Bros., Inc.			Shale, red		
V 2. 414918N0723006.1. Telcottville Water Co. S. B. Church Co.			Sand and gravel	0- 60	60	Shale, gray	455-462	7
Cobbles and gravel	0- 10	10	Sandstone	60-278	218	Shale, soft, black	462-480	18
Sand, fine, and clay	10- 40	30				Brownstone	480-491	11
Sand, hardpacked, sharp	40- 52	12				Shale, hard, black	491-495	4
Sand, coarse, and water bearing gravel	52- 57	5						
						WH 132. 414729N0724309.1. Hartford Golf Club, S. B. Church Co.		
V 3. 414935N0722937.1. William Smith, Loomis.			Sand, fine; silt	0- 28	28	Hardpan	0- 12	12
Sand and gravel	0- 99	99	Clay - hardpan	28- 50	22	Shale, broken, red	12- 30	18
Sandstone	99-144	45	Gravel	50- 73	23	Shale, gray	30- 55	25
			Stone	73-139	66	Shale, black	55- 70	15
V 61. 414937N0722928.1. Clifford Madden, W. M. Taylor.						Brownstone	70-104	34
Sand, fine, and gravel	0-136	136	V 76. 415126N0722605.1. Raymond Hickton, H. L. Wood.			Shale, red	104-112	8
Rock, red	136-245	109	Gravel	0- 40	40	Brownstone	112-130	18
			Sand	40- 90	50	Stone, blue	130-138	8
V 64. 414937N0722737.1. Dave M. Rogoff, Bray Bros.			Sand, fine, and gravel	90-108	18	Shale, gray	138-142	4
Sand	0- 40	40				Shale, black	142-148	6
Granite	40-135	95	V 77. 415043N0722915.1. E. Haagensen, Donald G. Beal & Son.			Shale, gray	148-160	12
			Sand and gravel, clean, and coarse gravel	0- 36	36	Shale, red	160-278	118
V 66. 415010N0722825.1. Vernon Water Co. S. B. Church Co.			Sandstone, red	36- 48	12	Brownstone	278-294	16
Fill, coarse, and sand	0- 10	10				Quartz	294-298	4
Sand, coarse, dirty, and hardpan	10- 20	10	V 78. 414952N0722919.1. Charles N. Robinson, George Linberger.			Shale, red	298-332	34
Sand, coarse, dirty	20- 30	10	Sand and loam	0- 10	10	Shale, black	332-336	4
Sand, fine, with gravel	30- 36	6	Sand and gravel	10- 30	20	Shale, red	336-346	10
			Hardpan	30- 60	30	Brownstone	346-357	11
			Clay	60- 73	13	Shale, red	357-372	15
			Rock, red	73-145	72	Sandstone, red	372-397	25
						Shale, red	397-432	35
						Brownstone	432-438	6
						Shale, red	438-457	19
						Brownstone	457-468	11
						Shale, red	468-500	32
						Brownstone	500-506	6
						Shale, red	506-542	36
						Brownstone	542-551	9
						Shale, red	551-595	44

Table 2.--Logs of selected wells--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Wethersfield								
WF 89. 414310N0724031.1. HELCO. S. B. Church Co.								
Clay, red	0- 7	7	Sand, coarse, clean	0- 45	45	Sand, loose, brown	0- 25	25
Sandstone, red	7-105	99	Sand, fine, clean	45- 55	10	Clay, red	25- 65	40
Shale veins in sandstone	105-158	52	Sand, fine, and clay	55- 60	5	Sand, fine, red	65- 75	10
Sandstone, red	158-475	317	Clay	60- 90	30	Hardpan, red	75- 80	5
Shale veins in sandstone	475-560	85	Hardpan	90- 93	3	Brownstone, hard	80-100	20
Sandstone, red	560-606	46				Shale, gray	100-120	20
			W 125. 415304N0724251.1. Combustion Engineering, Inc. R. E. Chapman Co.			Shale, red	120-154	34
			Sand, fine, brown	0- 10	10			
			Sand, coarse	10- 23	13	W 183. 415525N0724222.1. Afco Builders, Capitol Well Drilling Co., Inc.		
			Gravel	23- 42	19	Sand, coarse, yellow	0- 8	8
			Clay, hard	42- 50	8	Hardpan	8- 40	32
			Sand, water-bearing	50- 63	13	Shale and sandstone, red with some layers of gray shale	40-109	69
			Sand, coarse, water-bearing	63- 68	5			
			W 126. 415255N0724324.1. Combustion Engineering, Inc. R. E. Chapman Co.			W 189. 415352N0724058.1. Shirley Morin, George L. Engel.		
			Sand, brown	0- 45	45	Sand, medium	0- 60	60
			Sand, fine, gray	45- 62	17	Sand, quick	60- 90	30
			Gravel, coarse, red	62- 68	6	Hardpan	90-115	25
			Sand, medium	68- 70	2	Rock, soft, red	115-180	65
			W 127. 415252N0724255.1. Combustion Engineering, Co. R. E. Chapman Co.			W 190. 415502N0724127.1. Hank Snow, Drillers: unknown.		
			Sand, fine, brown	0- 5	5	Sand, 3-in. gravel	0- 15	15
			Sand, coarse, brown	5- 15	10	Sand and gravel	15- 85	70
			Sand, fine	15- 20	5	Sand	85-100	15
			Gravel, coarse, water-bearing	20- 35	15	Shale, red	100-245	145
			Sand, fine	35- 50	15			
			Sand, coarse, water-bearing	50- 80	30			
			Hardpan	80-109	29	W 191. 415327N0723739.1. Joseph Strong, Stavens Bros., Inc.		
			Ledge	109-121	12	Soil, sandy	0- 8	8
						Clay	8- 40	32
			W 131. 415255N0724324.2. Combustion Engineering, Inc. R. E. Chapman Co.			Rock	40-150	110
			Sand, medium, brown	0- 16	16			
			Sand, fine to silty	16- 24	8	W 192. 415418N0724318.1. William Smith, Drillers: unknown.		
			Sand, fine to medium	24- 32	8	Clay, red	0- 12	12
			Sand, medium	32- 40	8	Sand, fine	12- 24	12
			Sand, medium, and small gravel	40- 48	8	Clay, red	24- 45	21
			Sand, fine to silty	48- 56	8	Stones with hardpan	45- 95	50
			Sand, fine	56- 60	4	Rock, soft, red	95-210	115
			Sand, fine, and gravel	60- 67	7			
			Sand, fine, and sharp gravel	67- 74	7			
			Sand, fine	74- 88	14	W 193. 415139N0723937.1. Mill Brook Golf Course, George L. Engel.		
			Sand, fine, silty	88- 93	5	Clay	0- 40	40
			Refusal	at 93		Hardpan	40-120	80
						Rock, red	120-230	110
			W 132. 415244N0724318.1. Combustion Engineering, Inc. R. E. Chapman Co.					
			Sand, coarse, brown	0- 17	17	W 194. 414958N0723912.1. Ernest Wilson, V. Leone & Son.		
			Sand, medium, and fine gravel	17- 24	7	Sand, medium	0- 10	10
			Sand, coarse, and gravel	24- 58	34	Clay	10-100	90
			Clay, sandy	58- 88	30	Rock, red	100-185	85
			Sand, fine, and sharp gravel	88- 91	3			
			Refusal	at 91				
			W 134. 415247N0724324.1. Combustion Engineering, Inc. R. E. Chapman Co.			W 195. 415350N0723939.1. Alfred Klerukstys, George L. Engel.		
			Sand, coarse, brown	0- 12	12	Sand, fine	0- 25	25
			Sand, coarse, and fine gravel	12- 35	23	Clay, red	25- 70	45
			Sand and gravel	35- 60	25	Sand, fine	70-120	50
			Clay, fine, sandy	60- 85	25	Hardpan	120-125	5
			Sand, fine, and sharp gravel	85- 87	2	Rock, red	125-160	35
			Refusal	at 87				
			W 138. 415252N0724249.1. Combustion Engineering, Inc. R. E. Chapman Co.			W 199. 415322N0724200.1. Umberto Grimaldi, V. Leone & Son.		
			Sand, coarse, brown	0- 26	26	Sand, medium	0-100	100
			Silt, medium sand, and traces of clay	26- 68	42	Hardpan	100-137	37
			Gravel, coarse, red, and sand	68- 88	20	Rock	137-225	88
			W 139. 415300N0724259.1. Combustion Engineering, Inc. R. E. Chapman Co.			W 200. 415316N0724202.1. William Karleva, George L. Engel.		
			Sand, coarse, brown	0- 22	22	Sand, medium to coarse	0- 50	50
			Sand, medium, red, and gravel	22- 48	26	Gravel to sand	50- 80	30
			Sand, coarse, red, and gravel and boulders	48- 74	26	Clay	80-115	35
						Hardpan	115-140	25
						Rock, soft, red	140-200	60
			W 140. 415320N0724251.1. Combustion Engineering, Inc. R. E. Chapman Co.			W 203. 415304N0724251.2. Combustion Engr., Inc. R. E. Chapman Co.		
			Sand, gray, and gravel	0- 25	25	Sand, fine, brown	0- 25	25
			Sand, coarse	25- 43	18	Gravel, coarse, red	25- 65	30
			Sand, coarse, and gravel	43- 52	9	Sand, medium, red	65- 80	5
			Sand and gravel	52- 60	8	Gravel, medium, red	60- 68	8
			Sand, coarse	60- 64	4	Clay, soft, red	68- 85	17
			Sand, hard, and small gravel	64- 70	6	Hardpan	85-110	25
			Sand, hard	70- 78	8	Sand and clay	110-137	27
			Sand, hard, and small, sharp gravel	78- 88	10	Ledge	137-142	5
			W 178. 415250N0723833.1. Theodore Nienfroski, Bray Bros.			W 204. 415252N0724255.2. Combustion Engr., Inc. R. E. Chapman Co.		
			Clay	0-160	160	Sand, fine, red	0- 18	18
			Shale, red	160-245	85	Gravel, coarse	18- 30	12
						Sand, medium	30- 50	20
						Sand, coarse	50- 81	31
						Hardpan	at 81	

Table 2.--Logs of selected wells--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
<u>Town of Windsor--Continued</u>			WL 26. 415536N0724109.1. Hamilton Standard Div. United Aircraft. S. B. Church Co.			WL 38. 415525N0723759.1. Victor Halec. Premco Drilling, Inc.		
W 205. 415251N0724251.1. Combustion Engr., Inc. R. E. Chapman Co.			Sand, dead	0- 64	64	Clay and sand	0- 60	60
Sand, fine, red	0- 40	40	Clay	64- 79	15	Rock, red	60-172	112
Clay, gray-red	40- 62	22	Gravel	79- 94	15			
Sand, fine, red	62- 68	6				WL 45. 415527N0724033.3. State of Connecticut, Dept. of Aeronautics, R. E. Chapman Co.		
Sand, coarse	68- 80	12	WL 27. 415538N0724134.1. Hamilton Standard Div. United Aircraft. Driller: unknown:			Sand, fine, and gravel	0- 26	26
Gravel, medium	80- 91	11	Sand	0- 10	10	Silt, fine, and clay	26- 48	22
Hardpan	at 91		Clay	10- 33	23	Clay, firm; sharp gravel	48- 54	6
			Sand, fine	33- 44	11	Sand, fine to medium, and gravel; traces of clay	54- 79	25
			Gravel	44- 50	6	Gravel, sharp, and clay	79- 80	1
			Hardpan	50- 53	3	Refusal	at 80	
			Ledge	at 53				
<u>Town of Windsor Locks</u>			WL 28. 415513N0724122.1. Hamilton Standard Div. United Aircraft. Driller: unknown.			WL 46. 415514N0724018.1. Archies Shell Station. Conn. Valley Artesian Well Co., Inc.		
WL-1. 415536N0724026.1. State of Conn., Dept. of Aeronautics. R. E. Chapman Co.			Sand	0- 32	32	Sand, fine	0- 70	70
Sand, fine	0- 35	35	Sand, very fine	32- 54	22	Silt	70-100	30
Clay, red	35- 85	50	Clay	54- 91	37	Clay	100-135	35
Gravel, coarse	85-103	18	Gravel	91-102	11	Gravel, medium	135-143	8
			Hardpan	at 102		Rock, red	143-250	107
WL 2. 415532N0724031.1. State of Conn., Dept. of Aeronautics. R. E. Chapman Co.								
Sand and clay	0- 80	80	WL 29. 415513N0724120.1. Hamilton Standard Div. United Aircraft. Driller: unknown.			WL 47. 415510N0724124.1. Hamilton Standard Div. United Aircraft. Driller: unknown.		
Gravel	80-100	20	Sand, good	0- 20	20	Sand	0- 31	31
Gravel and hardpan	100-120	20	Sand, fine, good	20- 30	10	Sand, fine	31- 50	19
Gravel	120-131	11	Sand, fine, and silt	30- 50	20	Clay	50- ?	?
Sandstone, red	131-480	349	Clay	50- ?	?			
WL 3. 415527N0724033.1. State of Conn., Dept. of Aeronautics. R. E. Chapman Co.						WL 48. 415510N0724120.1. Hamilton Standard Div. United Aircraft. Driller: unknown.		
Sand, fine, clean	0- 32	32	WL 30. 415617N0723856.1. Ernest L. Morin. V. Leone & Son.			Sand	0- 28	28
Hardpan	32- 44	12	Sand, fine	0- 50	50	Sand, fine	28- 34	6
Gravel, coarse	44- 80	36	Clay	50-120	70	Sand, very fine	34- 51	17
WL 4. 415527N0724033.2. State of Conn., Dept. of Aeronautics. R. E. Chapman Co.			Rock	120-200	80	Clay	51- 73	22
Sand, fine, clean	0- 32	32				Gravel	73- 75	2
WL 15. 415505N0724025.1. S. Gallano. Capitol Well Drilling Co., Inc.			WL 37. 415539N0723951.2. Loftus L. Walton, M.D. U.S. Geol. Survey.			Clay	75- 78	3
Sand	0- 50	50	Sand, medium to coarse	0- 15	15	Hardpan	at 78	
Clay	50-115	65	Sand, medium, well sorted	15- 25	10			
Hardpan	115-155	40	Sand, medium to coarse	25- 79	54			
Shale, red	155-280	125	Silt and clay, gray	79-115	36			

Table 3.--Logs of selected test holes

Under each entry are listed test-hole and location number, owner, year drilled, altitude, depth to water (if measured), source of log (if drilling contractor is known), and description of earth materials penetrated.

Test-hole and location number: See text for explanation of numbering systems.

Altitude: Land surface at test-hole site in feet above mean sea level, estimated from topographic map with 10-ft contour interval. Altitudes of Conn. Dept. of Transportation and U.S. Army, Corps of Engineers test holes chiefly determined by leveling.

Depth to water: Measurements generally made a short time after completion of the test hole and may not represent static conditions. Expressed in feet below or (+) above land surface.

Source of log: Well drilling or test boring contractor as indicated; WEDCO, Water Exploration and Development Corp.

Description of earth materials: Logs of test holes drilled by or for the U.S. Geological Survey, Connecticut Department of Transportation, and U.S. Army, Corps of Engineers are based on the appropriate grain-size classification shown in the table to the right. Terms are those used by drillers, however they are rearranged for uniformity of presentation.

Grain size (millimeters)	Wentworth grade scale U.S. Geological Survey logs	Grade scale used by Conn. Dept. of Transportation before 1959	AASHTO Classification used by Conn. Dept. of Transportation since about 1959	Unified Soil Classification U.S. Army Corps of Engineers borings
256	Boulders		Boulders	
	Cobbles		203 mm (8 in.) Cobbles	Cobbles
64		Gravel	Coarse 25.4 mm Medium 9.5 mm Fine	Gravel
4	Pebbles			Coarse sand
2	Grannies - very fine gravel			
1	Very coarse sand	Coarse sand		Medium sand
	Coarse sand	.6 mm	Coarse sand	
5	Medium sand	.42 mm		
.25	Fine sand	.2 mm	Fine sand	Fine sand
.125	Very fine sand	.074 mm		
.063	Silt	.06 mm	Silt	Fines
.004	Clay	.002 mm	Clay	

Depth (feet)	Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)	Thickness (feet)
Town of Bloomfield					
BL 1 th. 415315N0724456.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 189 ft. Depth to water 10 ft.					
Sand, coarse to fine, yellow red; little loose fine gravel	0- 3	3	CR 3 th. 413751N0723938.1. Cromwell Fire Dist., Water Dept. Drilled 1966. Altitude 145 ft. Log by WEDCO.	0- 15	15
Sand, coarse to fine, brown; little fine gravel	3- 12	9	Topsoil; fine to coarse brown sand and silt	15- 20	5
Sand, fine, yellow brown; trace silt	12- 30	18	Sand, fine to medium, brown, and silt	20- 25	5
Sand, fine, brownish; little silt	30- 37	7	Sand, very fine, brown; silt and clay	25- 65	40
Sand, fine, gray brown; trace silt	37- 50	13	Sand, very fine, reddish brown; reddish-brown silt and clay	65- 90	25
Silt, reddish brown; trace(-) clay; trace fine sand	50- 63	13	Sand, very fine; silt and clay; trace of fine gravel	90- 94	4
Silt, reddish brown; trace(+) clay; trace(-) dense fine sand	63- 69	6	CR 5 th. 413737N0723737.1. Cromwell Fire Dist., Water Dept. Drilled 1966. Altitude 10 ft. Log by WEDCO.		
Sandstone, reddish brown	69- 81	12	Clay, gray, and silt	0- 22	22
			Refusal	at 22	
BL 2 th. 415140N0724204.1. Kaman Corp. Drilled 1952. Altitude 160 ft. Depth to water 17 ft. Log by S. B. Church Co. (Formerly BL 91)					
Topsoil	0- 3	3	CR 6 th. 413801N0723758.1. Cromwell Fire Dist., Water Dept. Drilled 1966. Altitude 10 ft. Log by WEDCO.		
Sand	3- 10	7	Sand, very fine, brown; silt	0- 25	25
Sand, fine, clean	10- 21	11	Sand, very fine, gray; silt and some coarse sand	25- 30	5
Sand, fine, dirty	21- 25	4	Sand, very fine to coarse, gray; some fine gravel	30- 35	5
Clay, red	25- 30	5	Sand, very fine to fine, brown; some coarse sand	35- 53	18
Sand, fine with layers of clay	30- 50	20	Refusal	at 53	
Clay, red	50- 60	10			
Sand, fine, and clay	60-115	55	CR 9 th. 413805N0723837.1. Cromwell Fire Dist., Water Dept. Drilled 1967. Altitude 150 ft. Depth to water 48 ft. Log by WEDCO.		
Town of Bolton					
BO 2 th. 414611N0722749.1. Town of Manchester, Water Dept. Drilled 1953. Altitude 560 ft. Log by S. B. Church Co.			Sand, very fine to fine, reddish-brown, and silt	0- 20	20
Sand, fine to coarse	0- 24	24	Sand, medium to coarse, clean, reddish-brown	20- 25	5
Rock	at 24		Sand, medium to coarse, reddish-brown; some fine to medium gravel	25- 30	5
			Sand, medium to coarse, reddish-brown; trace of fine gravel	30- 40	10
Town of Cromwell					
CR 1 th. 413755N0724024.1. Algonquin Gas Co. Drilled 1962. Altitude 125 ft. Depth to water 6 ft. Log by American Drilling Co. Inc.			Sand, medium to coarse, brown; some gravel and fine material	40- 45	5
Sand, fine to medium, some gravel, trace silt	0- 2	2	Sand, fine to medium, reddish-brown	45- 50	5
Sand, medium to coarse, some fine gravel, little silt	2- 15	13	Sand, very fine, brown; silt	50-103	53
Sand, very fine, some silt	15- 72	57	CR 10 th. 413704N0723830.1. Cromwell Fire Dist., Water Dept. Drilled 1967. Altitude 140 ft. Log by WEDCO.		
CR 2 th. 413718N0723806.1. Cromwell Fire Dist., Water Dept. Drilled 1966. Altitude 65 ft. Log by WEDCO.			Sand, medium to coarse, reddish-brown; trace of fine gravel	0-20	20
Topsoil and sand, very fine to fine, brown	0- 15	15	Sand, medium, reddish-brown, fine gravel and silt	20-25	5
Sand, very fine to coarse, brown	15- 25	10	Sand, medium to coarse, clean, dark brown; fine gravel	25-30	5
Sand, fine to coarse, brown; silt and clay	25- 30	5	Sand, fine to medium; some fine gravel	30-35	5
Sand, very fine, brown; silt and clay	30- 40	10	Sand, fine to very fine, reddish-brown; some fine gravel	35-60	25
Sand, very fine, brown; silt and clay; some coarse sand	40- 47	7	Sand, fine to very fine, reddish-brown; some fine gravel and silt	60-74	14
Refusal	at 47				
			CR 11 th. 413716N0723858.1. Cromwell Fire Dist., Water Dept. Drilled 1964. Altitude 100 ft. Log by R. E. Chapman Co.		
			Sand, fine, red, and clay	0- 31	31
			Sand, silty, red, and clay	31- 74	43
			Clay, soft, red	74- 83	9
			Clay, soft, red, and small sharp gravel	83- 90	7
			Refusal	at 90	
			CR 12 th. 413721N0723856.1. Cromwell Fire Dist., Water Dept. Drilled 1964. Altitude 100 ft. Log by R. E. Chapman Co.		
			Sand, fine, red	0- 33	33
			Sand, silty, red, with streaks of clay	33- 60	47
			Clay, soft, red	60- 99	19
			Clay, firm, red	99-122	23
			Clay, firm, red, and small sharp gravel	122-125	3
			Refusal	at 125	
			CR 13 th. 413711N0723900.1. Cromwell Fire Dist., Water Dept. Drilled 1964. Altitude 80 ft. Log by R. E. Chapman Co.		
			Loam	0- 2	2
			Sand, fine, red, and sharp gravel	2- 15	13
			Sand, silty, red	15- 45	30
			Clay, firm, red	45- 74	29
			Clay, firm, red, and sharp gravel	74- 84	10
			Refusal	at 84	
			CR 14 th. 413655N0723852.1. Cromwell Fire Dist., Water Dept. Drilled 1964. Altitude 50 ft. Log by R. E. Chapman Co.		
			Loam	0- 2	2
			Sand, fine, red, and small sharp gravel	2- 10	8
			Clay, firm, red	10- 27	17
			Clay, hard, red, with streaks of sharp gravel	27- 43	16
			Refusal	at 43	
			CR 15 th. 413652N0723858.1. Cromwell Fire Dist., Water Dept. Drilled 1964. Altitude 65 ft. Log by R. E. Chapman Co.		
			Loam	0- 2	2
			Sand, fine, red and clay	2- 11	9
			Clay, firm, red	11- 23	12
			Clay, firm, red, and sharp gravel	23- 47	24
			Refusal	at 47	
			CR 16 th. 413756N0723809.1. Cromwell Fire Dist., Water Dept. Drilled 1969. Altitude 110 ft. Depth to water 76 ft. Log by R. E. Chapman Co.		
			Sand and clay, compact, red, and sharp gravel	0- 21	21
			Clay, sandy, firm, and small sharp gravel	21- 40	19
			Sand, fine, light red, and some clay	40- 45	5
			Sand, fine, red, and clay	45- 78	33
			Sand, silty, red, with streaks of red clay	78-138	60
			Clay, hard, red, and shale	138-141	3
			Refusal	at 141	

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
<u>Town of Cromwell</u> --Continued			EG 8 th. 415526N0724148.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 136 ft. (Formerly EG 57)			EH 8 th. 414632N0723713.1. Conn. Dept. of Transportation. Drilled 1937. Altitude 15 ft.		
CR 17 th. 413657N0723901.1. Cromwell Fire Dist., Water Dept. Drilled 1964. Altitude 60 ft. Depth to water 13 ft. Log by R. E. Chapman Co.			Sand, fine, brown, and silt	0- 12	12	Sand and clay, red	0- 8	8
Loam	0- 2	2	Till, red-brown	12- 95	83	Clay, gray	8- 58	50
Sand, fine, red, and clay	2- 19	17				Clay, red	58- 94	36
Clay, soft, red	19- 45	26	EG 9 th. 415541N0724142.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 150 ft. (Formerly EG 58)			Brownstone	94-105	11
Sand and sharp gravel	45- 46	1	Sand, medium, brown; little silt	0- 43	43	EH 9 th. 414607N0723937.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 24 ft.		
Refusal	at 46		Sand, fine, gray; little silt	43- 81	38	Fill: ashes, clinders, glass; some wood mixed with coarse and medium sand and gravel	0- 9	9
CR 18 th. 413801N0723926.1. Town of Crom- well. Drilled 1965. Altitude 130 ft. Depth to water 11 ft. Log by WEDCO.			Till, red-brown, and small boulders	81-138	57	Silt, brown; trace fine sand; trace clay; trace organic material	9- 16	7
Sand, fine to medium, brown, and gravel Sand, fine to medium, and silt and clay (till)	0- 8	8	Siltstone, red	138-148	10	Sand, fine, brown, and silt; trace clay grading to fine sand; some silt, trace clay	16- 24	8
Sand, fine to medium; some gravel and silt (till)	8- 33	25	<u>Town of East Hartford</u>			Sand, fine to medium, brown; gravel; little silt	24- 34	10
Refusal	33- 89	56	EH 1 th. 414616N0723609.1. Conn. Dept. of Transportation. Drilled 1944. Altitude 73 ft. Depth to water 8 ft.			Sand, coarse, gray; gravel; little silt	34- 39	5
CR 19 th. 413448N0723900.1. Middletown Water Dept. Drilled 1948. Altitude 5 ft. Depth to water 4 ft. Log by R. E. Chapman Co.			Fill	0- 3	3	Silt	39- 44	5
Gravel and till	0- 5	5	Clay, varved, gray	3- 14	11	Sand, fine, gray; little silt	44- 92	48
Clay, brown	5- 55	50	Clay, varved, red	14- 33	19	Silt and clay, varved, gray	92- 94	2
Clay, gray	55- 77	22	Sandstone, red	33- 38	5	Till, red-brown	94- 98	4
Ledge	at 77		EH 2 th. 414358N0723722.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 32 ft.			Rock		
CR 20 th. 413809N0723903.1. Cromwell Fire Dist., Water Dept. Drilled 1955. Altitude 95 ft. Depth to water 3.4 ft. Log by R. E. Chapman Co.			Topsoil	0- 3	3	EH 10 th. 414430N0723804.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 39 ft. Depth to water 10 ft.		
Fill	0- 3	3	Sand, fine to medium; silt	3- 23	20	Sand, fine	0- 7	7
Sand and gravel	3- 19	16	Sand, medium to coarse	23- 26	3	Sand, coarse to fine, trace fine gravel Sand, fine, some silt and clay, varved Clay	7- 35	28
Sand, fine, red, and traces of clay	19- 34	15	Clay, varved, gray	26- 98	72	Clay	35- 44	9
Clay, firm, red, and sharp rock	34- 41	7	EH 3 th. 414347N0723645.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 39 ft. Depth to water 2.5 ft.			Clay; some silt	44-134	90
Sand, fine, red	41- 49	8	Topsoil	0- 1	1	Silt	134-188	54
Clay, firm, red, and sharp rock	49- 56	7	Sand, medium to fine; little silt	1- 8	7	Silt	188-201	13
Refusal	at 56		Clay, silty, gray, layered with clayey gray silt	8- 19	11	EH 11 th. 414445N0723829.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 36 ft. Depth to water 9 ft.		
CR 21 th. 413806N0723931.1. Marshall Gardner. Drilled 1957. Altitude 135 ft. Log by S. B. Church Co.			Clay, varved, gray and brown	19- 46	27	Sand, medium; trace topsoil	0- 2	2
Sand, fine	0- 35	35	Silt, clayey, brown	46- 52	6	Sand, medium	2- 8	6
Silt and clay	35- 45	10	Till: sand, fine brown; trace clay; little medium to fine gravel	52- 60	8	Sand, medium to coarse; trace gravel	8- 14	6
<u>Town of East Granby</u>			Shale, gray	60- 65	5	Clay, silty, and fine sand, varved	14-118	104
EG 1 th. 415638N0724229.1. Bradley Field. Drilled 1959. Altitude 140 ft. Log by R. E. Chapman Co.			EH 4 th. 414404N0723620.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 56 ft. Depth to water 19 ft.			Silt; some clay	118-126	8
Clay	0- 38	38	Sand, fine, brown; some silt; trace of roots	0- 3	3	Hardpan	126-130	4
Hardpan	38- 44	6	Sand, coarse to fine; trace silt; little medium to fine gravel	3- 22	19	Brownstone	130-135	5
Refusal	at 44		Till, brown; coarse to fine sand; little silt; trace of clay; little coarse to fine gravel	22- 33	11	EH 12 th. 414501N0723834.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 17 ft. Depth to water 1 ft.		
EG 3 th. 415618N0724214.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 160 ft. Log by R. E. Chapman Co.			Sandstone, red	33- 38	5	Sand, fine, and silt	0- 8	8
Sand, dirty	0- 7	7	EH 5 th. 414429N0723545.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 55 ft. Depth to water 25 ft.			Clay	8-126	118
Sand, medium	7- 13	6	Silt, brown; varves of silty clay	0- 14	14	Silt and clay	126-136	10
Silt and clay	13- 66	53	Silt, brown; thin layers of clay	14- 23	9	Sand, fine, and silt	136-151	15
Refusal	at 66		Silt, brown; trace clay; little fine sand Sandstone, red	23- 42	19	Clay; silt; some medium to fine gravel Rock: brownstone, hard	151-158	7
EG 4 th. 415619N0724219.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 160 ft. Log by R. E. Chapman Co.				42- 47	5		158-163	5
Sand, fine, dirty	0- 7	7	EH 6 th. 414514N0723534.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 96 ft. Depth to water 20 ft.			EH 13 th. 414503N0723805.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 15 ft.		
Clay	7- 75	68	Topsoil	0- 1	1	Sand, medium; silt; vegetation	0- 7	7
Sand, very fine	75- 86	11	Sand, medium to fine brown; some silt; trace of fine gravel	1- 5	4	Sand, fine; silt	7- 9	2
Refusal	at 86		Sand, coarse to fine, brown; trace silt; little fine gravel	5- 20	15	Clay	9-122	113
EG 5 th. 415627N0724209.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 165 ft. Log by R. E. Chapman Co.			Sand, coarse to fine; little silt	20- 30	10	Sand, fine; some silt	122-163	41
Sand, medium	0- 16	16	Clay; layers of very fine sand	30- 47	17	Brownstone	163-168	5
Silt	16- 70	54	Clay, varved, brown and gray	47- 68	21	EH 14 th. 414515N0723852.1. Conn. Dept. of Transportation. Drilled 1958. Altitude 6 ft.		
Clay	70- 84	14	Clay, varved, brown	68-100	32	Peak; silt; clay; fine sand	0- 12	12
Refusal	at 84		Sandstone, red	100-110	10	Clay; some silt	12- 52	40
EG 6 th. 415617N0724208.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 160 ft. Log by R. E. Chapman Co. (Formerly EG 22)			EH 7 th. 414556N0723512.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 110 ft. Depth to water 17.5 ft.			Clay; trace of silt	52-112	60
Silt, fine	0- 12	12	Topsoil	0- 1	1	Clay; sand; some gravel	112-117	5
Clay	12- 58	46	Sand, coarse to fine; little silt; trace medium to fine gravel	1- 10	9	Rock	117-121	4
Gravel	58- 61	3	Sand, coarse to fine; trace silt	10- 18	8	EH 15 th. 414523N0723906.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 6 ft. Depth to water 1 ft.		
Refusal	at 61		Sand, very fine, gray; trace silt	18- 29	11	Sand, fine, and gravel	0- 18	18
EG 7 th. 415654N0724152.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 145 ft. Log by R. E. Chapman Co. (Formerly EG 23)			Sand, medium to fine, brown; thin layers of clayey gray silt	29- 39	10	Sand, fine	18- 27	9
Sand, fine	0- 11	11	Clay, varved, gray and brown	39- 54	15	Clay; some silt	27- 98	71
Silt and clay	11- 81	70	Sand, fine, brown, layered with very fine sand and silt; thin layers of clayey silt	54- 60	6	Rock	98-103	5
Gravel, packed	81- 85	4	Clay, varved, gray and brown	60- 91	31	EH 16 th. 414519N0723911.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 16 ft. Depth to water 10 ft.		
Refusal	at 85		Till: sand, coarse to fine, brown; little silt; trace clay; little fine gravel	91-120	29	Sand, fine; trace of fine gravel	0- 27	27
			Sandstone	120-130	10	Clay; trace of silt	27- 81	54
						Hardpan; sand; gravel; some clay	81- 85	4
						Rock	85- 90	5
						EH 17 th. 414528N0723901.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 0 ft. Depth to water 0 ft.		
						Clay; trace of sand; some silt	0- 7	7
						Clay; trace sand and silt	7- 22	15
						Clay	22- 53	31
						Clay; some silt	53-101	48
						Rock	101-106	5

Table 3.--Logs of selected test holes--Continued

Town of East Hartford--Continued			EH 24 th. 414559N0723914.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 18 ft. Depth to water 7 ft.			EH 30 th. 414559N0723928.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 18 ft.		
Depth (feet)	Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)	Thickness (feet)	
EH 18 th. 414556N0723906.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 10 ft. Depth to water 2 ft.			EH 25 th. 414558N0723734.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 43 ft. Depth to water 8 ft.			EH 31 th. 414553N0723923.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 15 ft. Depth to water 5 ft.		
Silt, dark gray and black, and fine sand	0- 3	3	Silt, clayey, dark brown; little fine sand; trace cinders	0- 3	3	Silt and sand, fine, light brown; little cinders (fill)	0- 5	5
Silt, clayey, gray and brown; some medium to fine sand	3- 8	5	Silt, clayey, dark brown; some gravel; little fine sand	3- 9	6	Silt, clayey, dark brown and black; some medium to fine sand; little gravel; trace brick (fill)	5- 11	6
Sand, fine, gray, and silt	8- 14	6	Silt, brown, and fine sand	9- 13	4	Silt, clayey, mottled gray-brown; trace fine sand	11- 18	7
Sand, medium to fine, brown and gray; some silt	14- 19	5	Silt, clayey, brown; some fine sand	13- 18	5	Sand, medium, gray; trace silt; trace gravel	18- 28	10
Sand, coarse to medium, yellow-brown; some gravel; little silt and wood chips @ 26 ft.	19- 30	11	Silt, brown, and fine sand	18- 23	5	Sand, coarse to medium, gray; little gravel	28- 34	6
Clay, silty, brown-red (varved clay)	30- 74	44	Sand, medium to fine, gray; trace wood chips	23- 29	6	Clay, silty, brownish red (varved clay)	34- 74	40
Clay and gravel, brown-red; some sand (fill)	74- 80	6	Sand, medium, gray; little gravel; trace silt	29- 34	5	Clay and gravel, brownish red; some fine sand (fill)	74- 75	1
Siltstone, brown-red	80- 85	5	Clay, silty, brownish red (varved clay)	44- 64	20	Siltstone, brownish red	75- 80	5
EH 19 th. 414551N0723913.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 14 ft. Depth to water 5 ft.			Sand, coarse, brownish red, and clay, some gravel (fill)	64- 69	5	EH 32 th. 414600N0723913.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 15 ft. Depth to water 6 ft.		
Silt, clayey, brown; trace fine sand	0- 3	3	Siltstone, brownish red	69- 74	5	Silt, clayey, dark brown; trace fine sand	0- 3	3
Sand, fine, brown, and silt	3- 13	10	EH 26 th. 414551N0723849.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 28 ft.			Silt, clayey, brown; little fine sand	3- 10	7
Sand, medium to fine, red-brown; little silt	13- 18	5	Sand, fine, brown, and silt	5- 10	5	Sand, fine, and brown silt	10- 14	4
Sand, medium to fine, gray; trace silt; trace fine gravel	18- 22	4	Sand, medium to fine, red-brown; some silt; trace clay; thin layers organic material	0- 3	3	Sand, medium to fine, brownish gray; some silt; trace wood chips	14- 18	4
Sand, coarse to medium, gray; little gravel	22- 29	7	Sand, coarse to medium, yellow-brown; some gravel	3- 10	7	Sand, medium, brownish gray; trace silt	18- 23	5
Sand, medium to fine, gray	29- 34	5	Sand, coarse, red; little medium to fine gravel	10- 15	5	Sand, coarse to medium, brownish gray; trace fine gravel; trace silt	23- 27	4
Clay, silty, brown-red (varved clay)	34- 66	32	Clay, silty, red-brown (varved clay)	15-109	94	Sand, coarse to medium; some gravel	27- 34	7
Clay and gravel, brown red; some sand; (fill)	32- 78	46	Gravel, dark brown, and sand; some silt and clay (glacial till)	109-112	3	Sand, medium to fine, brownish gray; little silt	34- 38	4
Siltstone, brown-red	78- 83	5	Siltstone, red	112-117	5	Clay, silty, brownish red (varved clay)	38- 68	30
EH 20 th. 414554N0723911.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 12 ft. Depth to water 4 ft.			EH 27 th. 414547N0723803.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 23 ft.			Boulder	68- 73	5
Silt, clayey, brown; trace fine sand	0- 11	11	Sand, coarse to fine, brown; little gravel (fill)	0- 18	18	Clay, brownish red, and gravel; some coarse to fine sand (fill)	73- 81	8
Sand, medium to fine, brown-gray; little silt	11- 22	11	Sand, fine, brown, and silt	18- 31	13	Siltstone, red	81- 90	9
Sand, coarse to fine, brown-gray; trace silt	22- 27	5	Clay, silty, gray (varved clay)	14- 69	55	EH 33 th. 414506N0723810.1. Pratt & Whitney Div. United Aircraft. Drilled 1947. Altitude 35 ft. Depth to water 7 ft. Drilled by S. B. Church Co. (Formerly EH 48)		
Sand, coarse to medium, brown-gray; little gravel; trace wood chips	27- 32	5	Clay, silty, red (varved clay)	69- 86	17	Silt, clayey, brown; trace fine sand	0- 5	5
Clay, silty, brown-red (varved clay)	32- 61	29	Clay, silty, brown-red (varved clay)	86-130	44	Silt, brown, and fine sand	5- 9	4
Clay and gravel, brown-red; some sand (fill)	61- 86	25	Clay, brown-red, and sand; some gravel	130-132	2	Sand, fine, brown; some silt	9- 15	6
Siltstone, brown-red	86- 90	4	Siltstone, red	132-137	5	Sand, fine, brownish gray; little silt	15- 20	5
EH 21 th. 414547N0723833.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 9 ft. Depth to water 0 ft.			EH 28 th. 414605N0723929.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 26 ft. Depth to water 6 ft.			Sand, coarse to fine, gray; trace fine gravel	20- 24	4
Silt, clayey, brown; some fine sand	0- 3	3	Silt, coarse to fine, brown; little gravel (fill)	0- 18	18	Sand, coarse to medium, gray; trace fine gravel	24- 30	6
Sand, medium to fine, brown; little silt	3- 9	6	Sand, fine, gray, and silt (varved)	18- 31	13	Sand, coarse, gray; some gravel	30- 32	2
Clay, silty, gray (varved clay)	9- 57	48	Clay, silty, gray (varved clay)	31- 81	50	Clay, silty, brownish red (varved clay)	32- 65	33
Clay, silty, gray and red (varved clay)	57- 77	20	Clay, silty, gray and brown (varved clay)	81-118	37	Clay, brownish red, and gravel; some fine sand	65- 68	3
Clay, silty, brown-red (varved clay)	77-167	90	Clay, silty, brown-red (varved clay)	118-205	87	Siltstone, brownish red	68- 73	5
Clay, brown-red, and sand; some gravel (fill)	167-170	3	Silt, clayey, brown-red, and fine sand (varved)	205-227	22	EH 34 th. 414516N0723910.1. Conn. Dept. of Transportation. Drilled 1940. Altitude 15 ft. (Formerly EH 50)		
Siltstone, brown-red	170-172	2	Sand, coarse to fine, brown-red	227-237	10	Loam, fine sand, clay	0- 12	12
EH 22 th. 414548N0723830.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 9 ft. Depth to water 1 ft.			EH 29 th. 414605N0723935.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 22 ft.			Sand, fine	25- 89	64
Sand, fine, brown, and silt	0- 3	3	Silt, clayey, dark brown and black; little fine sand	0- 3	3	Clay	2- 9	7
Sand, medium, brown; trace wood chips	3- 9	6	Silt, clayey, brown and red; little fine sand; some brick (fill)	3- 8	5	Gravel, sand, and clay	89- 93	4
Sand, fine, gray, and silt	9- 12	3	Silt and sand, fine, brown	8- 13	5	Gravel, shale, and clay	93-100	7
Silt, clayey, gray	12- 21	9	Sand, medium to fine, brownish gray; trace silt	13- 17	4	Rock, hard	100-106	6
Clay, silty, gray (varved clay)	21- 93	72	Sand, coarse to fine, brown and gray; trace silt; trace gravel	17- 28	11	EH 35 th. 414521N0723903.1. Conn. Dept. of Transportation. Drilled 1940. Altitude 6 ft. (Formerly EH 51)		
Clay, silty, brown-red and gray (varved clay)	93-138	45	Sand, coarse to fine, gray; trace silt; trace fine gravel	28- 39	11	Mud, clay	0- 2	2
Clay, silty, brown-red (varved clay)	138-225	87	Clay, silty, brownish red (varved clay)	39- 87	48	Clay	2- 9	7
Clay, silty, brown-red, grading to clayey brown-red silt	225-252	27	Clay, brownish red, and gravel; some fine sand	87- 98	11	Sand, fine	9- 20	11
EH 23 th. 414548N0723918.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 18 ft. Depth to water 7 ft.			Siltstone, brown	98-104	6	Gravel, shale, and clay	20-115	95
Clay, silty, brown and black; some gravel; some cinders and sand (fill)	0- 12	12	EH 36 th. 414526N0723853.1. Conn. Dept. of Transportation. Drilled 1940. Altitude 7 ft. (Formerly EH 52)			Rock, soft	115-118	3
Silt and sand, fine, mottled dark gray and yellow	12- 17	5				Rock, hard	118-123	5
Sand, medium to fine, light brown; trace silt	17- 28	11						
Sand, coarse to medium, dark brown, and medium to fine gravel; trace silt	28- 38	10						
Clay, silty, brownish red (varved clay)	38- 79	41						
Clay, brownish red, and fine gravel; some sand (fill)	79- 82	3						
Siltstone, red	82- 88	6						

Table 3.--Logs of selected test holes--Continued

Depth (feet)	Thick- ness (feet)	Depth (feet)	Thick- ness (feet)	Depth (feet)	Thick- ness (feet)
Town of East Hartford--Continued					
EH 37 th. 414530N0723839.1. Conn. Dept. of Transportation. Drilled 1940. Altitude 42 ft. (Formerly EH 53)		EH 46 th. 414634N0723910.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 20 ft. (Formerly EH 63)		EH 58 th. 414508N0723850.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 20 ft. Depth to water 20 ft. Log by D. L. Maher Co.	
Sand, medium	0- 21	21	Sand, fine, to coarse silt	0- 9	9
Clay	21-165	144	Silt, coarse to medium	9- 16	7
Rock, soft	165-167	2	Sand, medium to fine	16- 25	9
Rock, hard	167-172	5	Sand, coarse to medium	25- 31	6
EH 38 th. 414540N0723815.1. Conn. Dept. of Transportation. Drilled 1946. Altitude 39 ft. (Formerly EH 54)		EH 47 th. 414648N0723854.1. U.S. Army Corps of Engineers. Drilled 1937. Altitude 21 ft. (Formerly EH 64)		EH 60 th. 414439N0723703.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 40 ft. Depth to water 4 ft. Log by D. L. Maher Co.	
Sand, medium	0- 29	29	Silt, medium to fine	0- 8	8
Sand, fine, and silt	29- 42	13	Sand, fine, to coarse silt	8- 13	5
Clay, gray, and some fine sand	42-154	112	Silt, coarse to medium	13- 22	9
Clay, red	154-248	94	Sand, fine, to coarse silt	22- 25	3
Sand, medium	248-249	1	Sand, coarse to medium	25- 42	17
EH 39 th. 414602N0723708.1. Conn. Dept. of Transportation. Drilled 1941. Altitude 50 ft. (Formerly EH 56)		EH 48 th. 414655N0723836.1. U.S. Army Corps of Engineers. Drilled 1937. Altitude 16 ft. (Formerly EH 68)		EH 61 th. 414439N0723759.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 35 ft. Depth to water 10 ft. Log by D. L. Maher Co.	
Loam	0- 2	2	Silt	0- 30	30
Sand, medium, brown; silt	2- 10	8	Sand	30- 38	8
Sand, medium, gray, and some silt	10- 20	10	Clay	38- 56	18
Clay, gray	20- 70	50	EH 49 th. 414426N0723755.1. Conn. Dept. of Transportation. Drilled 1951. Altitude 39 ft. (Formerly EH 69)		
Clay, gray and red	70- 72	2	Sand, medium, brown	0- 23	23
Clay, red	72-116	44	Sand, fine, gray, and silt	23- 30	7
Rock	116-121	5	Silt, gray	30- 43	13
EH 40 th. 414617N0723611.1. Conn. Dept. of Transportation. Drilled 1944. Altitude 73 ft. (Formerly EH 57)		EH 50 th. 414413N0723742.1. Conn. Dept. of Transportation. Drilled 1950. Altitude 31 ft. (Formerly EH 70)		EH 62 th. 414447N0723711.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 35 ft. Depth to water 3 ft. Log by D. L. Maher Co.	
Loam (topsoil)	0- 2	2	Sand, fine, to medium, contains some silt	0- 2	2
Silt, gray, and gray clay	2- 8	6	Sand, fine, and silt	2- 7	5
Clay, varved, gray; some silt	8- 15	7	Sand, fine, contains some silt, refuse	7- 10	3
Clay, varved, red; silt	15- 36	21	Sand, fine to medium, contains some silt	10- 12	2
Sand, medium, red; fine gravel, some silt	36- 45	9	Sand, fine, containing some silt	12- 31	19
Sand, medium, red; some silt	45- 58	13	Clay, varved, gray, gradually changing to red clay	31-205	174
Sandstone	58- 63	5	EH 52 th. 414343N0723658.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 36 ft. (Formerly EH 72)		
EH 41 th. 414540N0723845.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 5 ft. Depth to water 0 ft. (Formerly EH 58)		EH 53 th. 414413N0723820.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 30 ft. Depth to water 10 ft. Log by D. L. Maher Co.		EH 63 th. 414458N0723745.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 40 ft. Depth to water 11 ft. Log by D. L. Maher Co.	
River bed	0- 5	5	Topsoil, silty	0- 1	1
Sand, fine, mud, and clay	5- 15	10	Sand, fine, silt	1- 3	2
Clay, reddish-brown	15-104	89	Sand, medium, silt	3- 17	14
Sand, fine, red, and red clay	104-105	1	Clay, varved, gray, gradual color change to red	17- 75	58
EH 42 th. 414609N0723906.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 9 ft. (Formerly EH 59)		EH 54 th. 414418N0723825.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 15 ft. Depth to water 8 ft. Log by D. L. Maher Co.		EH 64 th. 414522N0723446.1. Conn. Water Co. Drilled 1966. Altitude 50 ft. Log by Layne-New England.	
Silt, black, trap rock, rlp rap	0- 2	2	Fill, sandy	0- 11	11
Silt, gray and tan	2- 6	4	Clay	11- 13	2
Sand, fine, gray; silt and layers of medium gray sand	6- 15	9	Sand, fine; trace of silt and medium sand	13- 22	9
Sand, medium, gray; little silt with layers of coarse sand (wood chips)	15- 28	13	Sand, fine to medium	22- 43	21
Gravel, brown, and sand	28- 29	1	Sand, coarse to very coarse, trace of silt	43- 45	2
Clay, varved, red	29- 63	34	Clay, soft, gray	45- 60	15
Hardpan-till, red-brown	63- 85	22	EH 55 th. 414414N0723826.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 15 ft. Depth to water 6 ft. Log by D. L. Maher Co.		
Rock	at 85		Sand, very fine to fine; trace of clay	0- 32	32
EH 43 th. 414542N0723945.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 12 ft. (Formerly EH 60)		EH 56 th. 414419N0723826.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 15 ft. Depth to water 4 ft. Log by D. L. Maher Co.		EH 65 th. 414527N0723449.1. Conn. Water Co. Drilled 1966. Altitude 20 ft. Log by Layne-New England.	
Silt	0- 6	6	Sand, medium to very coarse; trace of gravel	32- 42	10
Sand	6- 28	22	Clay, soft, gray	42- 43	1
Clay	28- 58	30	EH 57 th. 414419N0723826.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 15 ft. Depth to water 7 ft. Log by S. B. Church Co.		
Sand and clay	58- 80	22	Swamp muck and clay	0- 10	10
Rock fragments	80- 84	4	Sand, coarse, clean, and gravel	10- 15	5
EH 44 th. 414556N0723951.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 40 ft. (Formerly EH 61)		EH 58 th. 414419N0723826.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 15 ft. Depth to water 4 ft. Log by S. B. Church Co.		EH 66 th. 414527N0723449.1. Conn. Water Co. Drilled 1966. Altitude 25 ft. Depth to water 0 ft. Log by Layne-New York.	
Clay, gray, sand, and silt	0- 6	6	Topsoil; gray clay; some fine to medium sand; small stone	0- 21	21
Sand, medium, gray	6- 25	19	Gravel, fine to medium; fine to medium red sand	21- 32	11
Sand, fine, gray, silt, some wood chips	25- 40	15	Gravel, fine to medium; fine to medium red sand with more gravel and stone than in preceding interval	32- 38	6
Sand, medium, gray	40- 59	19	Refusal	at 38	
Clay, red	59- 92	33	EH 12 th. 415325N0723428.1. Conn. Water Co. Drilled 1966. Altitude 25 ft. Depth to water 0 ft. Log by Layne-New York.		
Gravel, red, and sand	92- 95	3	Topsoil; gray clay; some fine to medium red sand	0- 26	26
Hardpan	95-102	7	Clay, red, fine to coarse sand	26- 32	6
Rock, red	at 102		Clay, red; coarse sand	32- 42	10
EH 45 th. 414627N0723934.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 27 ft. (Formerly EH 62)		EH 59 th. 414419N0723826.1. Pratt & Whitney Div. United Aircraft. Drilled 1968. Altitude 15 ft. Depth to water 4 ft. Log by S. B. Church Co.		EH 67 th. 414527N0723449.1. Conn. Water Co. Drilled 1966. Altitude 25 ft. Depth to water 0 ft. Log by Layne-New York.	
Fill	0- 34	34	Sand, very fine to fine; trace of clay	0- 32	32
Sand	34- 43	9	Sand, medium to very coarse; trace of gravel	32- 42	10
Clay	43- 68	25	Clay, soft, gray	42- 43	1
				EH 13 th. 415627N0723304.1. Hazardville Water Co. Drilled 1964. Altitude 45 ft. Depth to water 7 ft. Log by S. B. Church Co.	
				Swamp muck and clay	
				Sand, coarse, clean, and gravel	
				Sand, medium, clean	
				Sand, fine to medium, heavy with silt	
				Sand, medium to coarse, heavy with silt and clay	
				Hardpan; red clay	
				Shale bedrock, red	

Table 3.--Logs of selected test holes--Continued

			Depth	Thick-		Depth	Thick-		Depth	Thick-	
			(feet)	ness		(feet)	ness		(feet)	ness	
			(feet)	(feet)		(feet)	(feet)		(feet)	(feet)	
Town of East Windsor--Continued											
EW 14 th. 415458N0723415.1. Conn. Water Co. Drilled 1967. Altitude 100 ft. Log by Layne-New England.			EF 2 th. 415940N0723506.1. May Dept. Stores, G. Fox Co. Drilled 1967. Altitude 109 ft. Depth to water 5 ft. Log by Engineering Service, Inc.			EF 18 th. 420109N0723215.1. Conn. Water Co. Drilled 1966. Altitude 175 ft. Log by Layne-New England.					
Sand, medium, brown; some clay	0- 31	31	Sand, medium to fine, with little silt	0- 3	3	Sand, gray, and silt	0- 20	20			
Clay, gray	31- 63	32	Silt, clayey, to silt and clay	3- 8	5	Sand, fine to medium, brown	20- 30	10			
Clay, brown; some sand	63-115	52	Clay, varved	8- 67	59	Clay, brown	30- 31	1			
Clay, red, with some sand	115-122	7	Sand, coarse to fine; some coarse to fine gravel; trace shale fragments	67- 74	7	Sand, medium, brown	31- 33	2			
Refusal	at 122		Bedrock	74- 79	5	Sand, very fine, gray; some silt	33- 36	3			
						Clay, gray; some fine sand	36- 81	45			
						Sand, medium, red, and gravel	81-102	21			
						Refusal	at 102				
EW 15 th. 415548N0723633.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 81 ft. Depth to water 7 ft.			EF 6 th. 420124N0723125.1. Conn. Dept. of Correction. Drilled 1968. Altitude 190 ft. Depth to water 5 ft. Log by Layne-New England.			EF 19 th. 420102N0723159.1. Conn. Water Co. Drilled 1966. Altitude 175 ft. Log by Layne-New England.					
Sand, fine, brown; trace silt and topsoil	0- 3	3	Topsoil	0- 2	2	Sand, gray	0- 12	12			
Sand, fine; trace of silt	3- 8	5	Sand, fine, brown; some clay	2- 50	48	Sand, fine, gray, and clay	12- 43	31			
Silt, brown; and plastic clay	8- 10	2	Sand, fine, gray; some clay	50- 80	30	Refusal	at 43				
Silt and clay, red	10- 17	7	Sand, fine, brown, with traces of clay	80-139	59						
Sand, fine to medium, with silt layers	17- 28	11	Refusal	at 139							
Rock	28- 32	4									
EW 16 th. 415512N0723649.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 59 ft. Depth to water 12 ft.			EF 7 th. 420126N0723113.1. Conn. Dept. of Correction. Drilled 1968. Altitude 192 ft. Depth to water 6 ft. Log by Layne-New England.			EF 20 th. 420129N0723200.1. Conn. Water Co. Drilled 1966. Altitude 200 ft. Log by Layne-New England.					
Topsoil	0- 1	1	Sand, fine, brown; some clay	0- 45	45	Sand, fine to medium, brown	0- 15	15			
Sand, fine; some silt	1- 3	2	Sand, fine, gray; some clay	45- 90	45	Sand, fine to medium, brown; some clay	15- 68	53			
Sand, fine to medium; little silt	3- 13	10	Sand, fine, brown, with traces of brown and red clay	90-104	14	Clay, gray; some very fine gray sand	68-102	34			
Silt and clay, varved	13- 28	15	Refusal	at 104		Sand and fine gravel; some clay	102-107	5			
Silt; some sand; some gravel; little compact red clay	28- 63	35				Refusal	at 107				
Siltstone	63- 68	5									
EW 17 th. 415507N0723658.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 57 ft. Depth to water 9 ft.			EF 8 th. 420135N0723047.1. Conn. Dept. of Correction. Drilled 1968. Altitude 221 ft. Depth to water 7 ft. Log by Layne-New England.			EF 21 th. 420119N0723207.1. Conn. Water Co. Drilled 1966. Altitude 190 ft. Log by Layne-New England.					
Topsoil	0- 1	1	Sand, fine; some fine gravel; mostly red clay	0- 30	30	Sand, fine, gray	0- 48	48			
Silt and clay	1- 2	1	Sand, medium coarse, and gravel; some clay	30- 36	6	Sand, fine, gray; some clay	48- 74	26			
Sand; trace gravel; trace silt	2- 7	5	Sand, medium, and gravel; mostly red clay	36- 41	5	Clay, gray; some fine gray sand	74- 89	15			
Silt and clay, varved	7- 48	41				Sand, medium, brown, and gravel; some clay	89- 91	2			
Silt; some clay; some sand; some gravel	48- 52	4				Refusal	at 91				
Silt; sand; and very compact red gravel	52- 81	29									
Siltstone	81- 88	7									
EW 18 th. 415352N0723632.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 25 ft. (Formerly EW 61)			EF 10 th. 420140N0723041.1. Conn. Dept. of Correction. Drilled 1968. Altitude 232 ft. Log by Layne-New England.			EF 22 th. 420108N0723208.1. Conn. Water Co. Drilled 1966. Altitude 175 ft. Log by Layne-New England.					
Sand, fine to medium, and silt	0- 6	6	Hardpan and red clay	0- 26	26	Topsoil	0- 2	2			
Clay, varved, gray to red	6- 45	39	Gravel, fine and coarse; traces of red clay	26- 39	13	Sand, medium, gray; some clay	2- 43	41			
Sand, fine, red; silt; clay	45- 50	5				Clay, gray	43- 66	23			
Sand, fine to medium; silt; clay	50- 77	27				Refusal	at 66				
Sand, very fine, red; silt and clay	77- 82	5									
Hardpan, red-brown	82- 86	4									
Rock, red	86- 94	8									
EW 19 th. 415503N0723715.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 30 ft. (Formerly EW 63)			EF 11 th. 420135N0723043.1. Conn. Dept. of Correction. Drilled 1968. Altitude 225 ft. Depth to water 7 ft. Log by Layne-New England.			EF 23 th. 420119N0723325.1. Conn. Water Co. Drilled 1966. Altitude 180 ft. Log by Layne-New England.					
Silt, gray	0- 2	2	Clay, red, with some gravel	0- 15	15	Sand, medium, brown and gray; some clay	0-132	132			
Sand, medium, brown	2- 20	18	Sand and gravel, fine to medium to coarse; trace of red clay	15- 30	15	Sand and gravel, medium to coarse	132-138	6			
Gravel, red-brown, sand, silt, and clay	20- 21	1	Sand and gravel, fine to medium to coarse	30- 40	10	Sand, fine, gray, with clay	138-148	10			
Clay, red	21- 30	9	Clay, red, and shale	40- 42	2	Clay, red; medium gravel; and fine to medium sand	148-154	6			
Hardpan	30- 34	4				Refusal	at 154				
Brownstone	at 34										
EW 20 th. 415501N0723722.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 10 ft. Depth to water 0 ft. (Formerly EW 64)			EF 15 th. 415832N0723330.1. Hazardville Water Co. Drilled 1959. Altitude 75 ft. Depth to water 18 ft. Log by S. B. Church Co.			EF 24 th. 420118N0723305.1. Conn. Water Co. Drilled 1966. Altitude 180 ft. Log by Layne-New England.					
Water	0- 2	2	Sand, fine, and silt	0- 16	16	Sand, fine to medium, gray; some clay	0-114	114			
Gravel, brown, and layers of fine gray sand and silt	2- 20	18	Silt and clay	16- 25	9	Refusal	at 114				
Gravel, brown, sand, silt, and some clay	20- 23	3	Clay	25- 50	25						
Hardpan	23- 35	12	Sand, fine; layer of clay	50- 65	15						
Brownstone	at 35		Sand, dirty	65- 70	5						
EW 21 th. 415254N0723708.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 10 ft. Depth to water 0 ft. (Formerly EW 65)			Sand, coarse	70- 75	5						
Water	0- 12	12	Sand and gravel	75- 80	5						
Gravel	12- 22	10	Sand, coarse	80- 97	17						
Rock	at 22		Sand	97-103	6						
			Sand and gravel	103-118	15						
			Clay	118-119	1						
Town of Enfield			EF 16 th. 415901N0723036.1. Hazardville Water Co. Drilled: date unknown. Altitude 145 ft. Log by S. B. Church Co.			EF 25 th. 420051N0723242.1. Conn. Water Co. Drilled 1966. Altitude 170 ft. Log by Layne-New England.					
Sand, medium to fine, and trace to little brown silt	0- 12	12	Sand and gravel	0- 10	10	Topsoil	0- 2	2			
Clay and silt, gray	12- 19	7	Sand, gravel, and clay	10- 15	5	Sand, gray, and clay	2- 26	24			
Clay, varved, gray-brown	19- 80	61	Sand and gravel	15- 25	10	Sand, gray; clay; some gravel	26- 30	4			
Silt, brown, with some thin clay seams	80-127	47	Sand and layers of clay	25- 30	5	Clay, red	30- 34	4			
Sand, coarse to fine; little silt; some coarse to fine gravel	127-137	10	Clay	30- 40	10	Refusal	at 34				
Bedrock	137-141	4	Sand, dirty	40- 50	10						
			Gravel hardpan	50- 56	6						
			Refusal	at 56							
EF 17 th. 420116N0723555.1. Conn. Water Co. Drilled: date unknown. Altitude 60 ft.			EF 26 th. 420047N0723241.1. Conn. Water Co. Drilled 1966. Altitude 170 ft. Log by Layne-New England.			EF 27 th. 420051N0723252.1. Conn. Water Co. Drilled 1966. Altitude 160 ft. Log by Layne-New England.					
Topsoil	0- 1	1				Topsoil	0- 2	2			
Sand, fine, and clay	1- 62	61				Sand, gray, and clay	2- 42	40			
Refusal	at 62					Clay, red; some gravel	42- 44	2			
						Refusal	at 44				
EF 28 th. 420017N0723442.1. Conn. Water Co. Drilled 1966. Altitude 115 ft. Log by Layne-New England.											
Topsoil	0- 1	1									
Sand, gray	1- 3	2									
Clay, gray; some sand	3- 16	13									
Clay, brown	16- 58	42									
Clay, red	58- 61	3									
Clay, brown	61- 96	35									
Clay, brown, with some medium sand and gravel	96-135	39									
Clay, brown	135-177	42									
Refusal	at 177										

Table 3.--Logs of selected test holes--Continued

Town of Glastonbury

Table 3.--Logs of selected test holes--Continued

			Depth	Thick-		Depth	Thick-		Depth	Thick-	
			(feet)	ness		(feet)	ness		(feet)	ness	
			(feet)	(feet)		(feet)	(feet)		(feet)	(feet)	
Foot of Glastonbury--Continued											
GL 4 th. 414333N0723658.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 34.6 ft. Depth to water 3 ft.						GL 10 th. 414237N0723508.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 95 ft. Depth to water 6 ft.			GL 18 th. 414232N0723501.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 84 ft. Depth to water 0 ft.		
Topsoil	0- 1	1				Sand, fine, red-brown, little silt	0- 5	5	Swamp muck	0- 4	4
Sand, coarse to fine, trace silt	1- 13	12				Silt, red-brown; some fine sand	5- 10	5	Sand, fine to coarse, brown; some silt; little medium to fine gravel	4- 11	7
Silt, clayey, gray, layered with silty clay; partings of very fine brown sand	13- 34	21				Silt, red-brown; trace clay; trace fine sand	10- 15	5	Silt, red-brown	11- 19	8
Clay, gray and brown, varved	34-110	76				Sand, fine to coarse, red-brown; some silt; some medium to fine gravel	15- 19	4	Sand, coarse to fine, red-brown; some medium to fine gravel; pieces of coarse gravel; trace silt	19- 23	4
Silt, brown; trace of clay	110-124	14				Fanglomerate, red-brown, soft, sandy	19- 28	9	Silt, red-brown; some pieces of sandstone	23- 26	3
Shale, gray	124-129	5					28- 33	5	Sandstone cobble, red-brown	26- 28	2
GL 5 th. 414340N0723649.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 41.9 ft. Depth to water 4.8 ft.						GL 11 th. 413959N0723200.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 375 ft.			GL 19 th. 414323N0723630.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 46 ft. (Formerly GL 110)		
Topsoil	0- 1	1				Boulder and cobbles	0- 4	4	Silt, red-brown; some pieces of sandstone cobble	38- 30	2
Sand, medium to fine, and silt; little medium to fine gravel	1- 10	9				Sand, coarse to fine, red-brown; trace silt	4- 9	5	Sand, coarse to fine, red-brown; little fine gravel; trace silt	30- 33	3
Sand, coarse to fine; trace of silt	10- 15	5				Sand, coarse to fine; little silt; little medium to fine gravel	9- 15	6	Sandstone, brown and tan	33- 40	7
Sand, medium to fine, gray; trace of silt	15- 30	15				Granite gneiss, hard, gray	15- 21	6		40- 46	6
Clay, varved, brown	30- 55	25				GL 12 th. 413942N0723117.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 388 ft. Depth to water 1 ft.			Loam	0- 2	2
Till-sand, coarse to fine; some silt; trace of clay; little medium to fine gravel	55- 67	12				Silt, organic, dark brown; some medium to fine sand; trace coarse sand	0- 4	4	Sand, medium	2- 8	6
Sandstone	67- 80	13				Sand, fine, gray, and silt; some fine red-brown sand; little coarse to medium sand; trace gravel	4- 9	5	Sand, coarse	8- 24	16
GL 6 th. 414101N0723229.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 276 ft. Depth to water 0 ft.						Mica schist	9- 15	6	Clay, gravel, and sand	24- 25	1
Silt, organic, black; trace fine sand; trace roots	0- 3	3				GL 13 th. 413943N0723127.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 365 ft. Depth to water 0 ft.			Sand, gravel, and layers of hardpan	25- 35	10
Gravel, fine to coarse, multicolored; some coarse to fine sand; trace silt	3- 9	6				Topsoil	0- 2	2	Sand, fine, brown, and layers of hardpan, very little clay	35- 42	7
Sand, fine, brown; trace silt	9- 12	3				Sand, coarse, fine, gray; some gravel and silt; some weathered stones; probable till	2- 9	7	Sand, fine, brown, and silt	42- 74	32
Silt, red-brown; trace silt	12- 18	6				Gneiss	9- 14	5	Sand and layers of hardpan	74- 80	6
Gravel, fine to medium, brown, and sand; little silt	18- 22	4				GL 14 th. 413930N0723040.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 436 ft. Depth to water 4 ft.			Hardpan, very hard	80- 83	3
Gneiss, black and white	22- 27	5				Topsoil	0- 3	3	Shale, brown, soft	83- 89	6
GL 7 th. 414053N0723229.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 257 ft. Depth to water 2 ft.						Sand, medium to fine, brown; little medium to fine gravel; few decomposed rock fragments; trace silt	3- 15	12	GL 20 th. 414250N0723552.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 55 ft. (Formerly GL 112)		
Sand, coarse to fine, brown; some fine sand; trace silt	0- 3	3				Sand, coarse to fine, gray-brown; some medium to fine gravel; some black and red rock fragments; little silt	15- 17	2	Topsoil	0- 1	1
Boulder	3- 5	2				GL 15 th. 414308N0723612.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 24 ft. Depth to water 0 ft.			Sand, very fine, red; silt	1- 12	11
Gravel, fine to coarse, red-brown; some sand; trace silt	5- 9	4				Gravel, fine to medium, brown; some fine to coarse red-brown sand; trace silt	0- 3	3	Gravel, medium; sand; clay; silt	12- 28	16
Sand, fine to coarse, brown; some silt; little fine gravel	9- 13	4				Sand, fine to coarse, red-brown; some silt; little fine to medium gravel	3- 13	10	Sand, fine to medium; clay; silt	28- 31	3
Sand, fine to coarse, gray; some fine to medium gravel; some silt	13- 18	5				Sandstone and siltstone, red-brown	13- 28	15	Gravel; sand; silt; clay	31- 58	27
Sand, fine, red-brown; some silt; little fine gravel	18- 27	9				GL 16 th. 413046N0723531.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 96 ft. Depth to water 23 ft.			Rock, red	58- 63	5
Silt, red-brown; silt and fine to coarse sand	27- 31	4				Sand, fine, red-brown; some to little silt	0- 38	38	GL 21 th. 414232N0723556.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 48 ft. (Formerly GL 113)		
Gneiss, multicolored	31- 41	10				Silt, red-brown	38- 44	6	Topsoil	0- 1	1
GL 8 th. 414039N0723228.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 316 ft.						Sand, coarse to fine, red-brown; some silt; some fine to medium gravel	44- 53	9	Sand, fine, and silt	1- 5	4
Sand, brown; some silt	0- 1	1				Sand, coarse to fine, red-brown, and medium to fine gravel; little silt (hardpan & cobbles)	53- 63	10	Gravel, sand, silt, and clay	5- 7	2
Gravel, fine to medium; some coarse to fine sand; trace silt	1- 5	4				Sandstone	63- 72	9	Sand, fine, silt, and clay	7- 10	3
Silt, red-brown; trace clay	5- 10	5				GL 17 th. 414212N0723413.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 135 ft. Depth to water 15 ft.			Sand, fine, and silt	10- 40	30
Sand, coarse, red-brown; fine to medium gravel; trace silt	10- 20	10				Silt, tan, and fine to coarse sand; trace fine gravel	0- 4	4	Sand, fine, silt, and clay	10- 40	30
Sand, coarse to fine; trace fine to medium gravel; trace silt	20- 26	6				Sand, coarse, brown; little silt	4- 10	6	Sand, sand, silt, and clay	12- 18	6
Sand, coarse to fine; some fine to medium gravel; trace silt	26- 29	3				Sand, coarse, brown; medium gravel; trace silt	10- 15	5	Sand, medium to coarse	18- 27	9
Sand, fine, gray-brown; trace fine gravel; some silt	29- 35	6				Gravel, fine, brown; some coarse sand; trace silt	15- 23	8	Sand, fine, gray and brown, and silt	27- 42	15
Sand, fine, brown; little fine gravel; little silt	35- 41	6				Sand, coarse, brown; trace fine gravel; trace silt	23- 30	7	Silt, red	42- 52	10
Granite, gray	41- 50	9				Sand, coarse to fine; trace silt	30- 40	10	Clay, red; sand and silt	52- 57	5
GL 9 th. 414035N0723227.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 286 ft. Depth to water 3 ft.						Sand, coarse to fine, brown; trace silt; trace fine gravel	40- 45	5	Hardpan	57- 72	15
Sand, coarse to fine, brown; little silt; little fine gravel; few roots; fill	0- 4	4				Gravel, fine, brown, and coarse sand	45- 50	5	Shale, red	72- 77	5
Sand, fine to coarse, dark gray, and organic silt; little fine gravel; trace peat	4- 6	2				Sand, coarse, brown; trace fine gravel	50- 62	12	GL 24 th. 414157N0723603.1. Conn. Dept. of Transportation. Drilled 1950. Altitude 30 ft. Depth to water 2 ft. (Formerly GL 117)		
Sand, coarse, brown; little fine gravel; trace silt	6- 9	3				Sand, coarse to fine, brown; trace silt; trace fine gravel	62- 72	10	Peat and muck	0- 2	2
Silt, red-brown; trace fine sand	9- 13	4				Gravel, fine, brown, and coarse sand	72- 76	4	Gravel, sand, and silt	2- 5	3
Silt, red-brown, little fine to coarse sand	13- 16	3				Sand, coarse, brown; trace fine gravel	76- 85	9	Sand, fine, and silt	5- 9	4
Sand, fine to coarse; trace silt; trace to little medium to fine gravel	16- 23	7							Gravel, sand, cobbles, silt	9- 27	18
Sand, coarse to fine, red-brown; some silt; little fine to medium gravel	23- 31	8							Sand, medium to coarse, and silt	27- 29	2
Gneiss boulder	31- 36	5							Gravel, sand, and silt	29- 36	7
Sand, fine to coarse, gray; some silt; trace fine gravel, mica and pyrite	36- 46	10									
Schist, black and white	46- 53	7									

Table 3.--Logs of selected test holes--Continued

38

Table 3.--Logs of selected test holes--Continued

Depth (feet)			Thick- ness (feet)			Depth (feet)			Thick- ness (feet)			Depth (feet)			Thick- ness (feet)		
City of Hartford--Continued						H 30 th. 414615N0724040.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 60 ft. Depth to water 6 ft.						H 39 th. 414528N0723951.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 33 ft.					
H 17 th. 414549N0724142.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 50 ft. Depth to water 5 ft.						Fill and concrete 0- 2 2						Fill, miscellaneous; sand, silt, gravel, etc. 0- 20 20					
Fill 0- 3 3						Sand, grayish brown; some clay; little silt 2- 4 2						Silt, brown and gray 20- 37 17					
Silt and clay 3- 9 6						Clay, varved, red-brown 4- 15 11						Sand, medium to coarse, trace of brown silt 37- 49 12					
Clay, varved 9- 62 53						Siltstone and sand stone 15- 20 5						Clay, varved, brown 49- 83 34					
Sand, silt, some clay 62- 67 5						H 31 th. 414615N0724046.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 63 ft. Depth to water 28 ft.						Clay, little brown gravel 83- 89 6					
Gravel, coarse to fine sand, silt, clay 67- 76 9						Sand, fine brown; some silt; trace clay 0- 4 4						Sand, silt, clay and brown gravel (glacial till) 89- 101 12					
Shale, gray 76- 84 8						Clay, varved, red-brown 4- 44 40						Shale, hard, red 101- 106 5					
H 18 th. 414551N0724139.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 48 ft. Depth to water 5 ft.						Till, gravelly, red 44- 58 14						H 40 th. 414538N0724007.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 27 ft. Depth to water 26 ft.					
Fill 0- 9 9						Shale, red, soft 58- 64 6						Sand, silt, clinders, gravel 0- 15 15					
Clay, varved 9- 30 21						H 32 th. 414610N0724023.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 60 ft. Depth to water 11.5 ft.						Silt, trace of fine gray-brown sand 15- 23 8					
Gravel, silt, fine to coarse sand, and clay, hard to very hard 30- 78 48						Fill 0- 1 1						Silt, trace of fine brown sand 23- 31 8					
Bedrock, soft gray shale 78- 85 7						Clay, varved, red-brown 1- 5 4						Sand, gravel, clay and silt; shale fragment 31- 38 7					
H 19 th. 414557N0724118.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 47 ft. Depth to water 5 ft.						Till, gravelly, red 5- 7 2						Clay, varved, brown-red 38- 48 10					
Fill 0- 3 3						Siltstone, shaley, red 7- 12 5						Sand, gravel, clay and silt; shale fragment (glacial till) 48- 57 9					
Silt, some clay 3- 8 5						H 33 th. 414610N0724030.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 68 ft.						Shale, hard, red 57- 62 5					
Clay, varved 8- 12 4						Fill 0- 7 7						H 41 th. 414616N0724051.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 56 ft. Depth to water 18 ft.					
Gravel, coarse to fine sand, silt, clay 12- 20 8						Clay, varved, gray and brown 7- 15 8						Fill 0- 1 1					
Rock, brown 20- 28 8						Clay, varved, brown 15- 33 18						Clay, varved, brown-gray 1- 15 14					
H 20 th. 414559N0724112.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 69 ft. Depth to water 8 ft.						Till-gravel, fine, brown; coarse to fine sand; silt; trace clay 33- 43 10						Clay, varved, brown-gray, some gravel 15- 20 5					
Fill 0- 5 5						Rock, brown 43- 50 7						Clay, varved, brown-gray 20- 46 26					
Gravel, coarse to fine sand, silt, clay 5- 27 22						H 34 th. 414610N0724016.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 30 ft. Depth to water 13 ft.						Silt, clay, sand, hard brown gravel, boulders (glacial till) 46- 83 37					
Clay, red 27- 33 6						Sand, brown, ashes, and clinders 0- 6 6						Shale, hard, red 83- 93 10					
Gravel, coarse to fine sand, silt, clay 33- 44 11						Silt, brown-gray 6- 11 5						Roadway 0- 1 1					
Rock, brown and gray 44- 51 7						Sand, coarse to fine, red-brown (compact) 11- 18 7						Clay, silt, sand, brown clinders, miscellaneous fill 1- 9 8					
H 21 th. 414601N0724105.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 69 ft. Depth to water 11 ft.						Shale, gray to red 18- 28 10						Clay, varved, brown 9- 15 6					
Fill 0- 7 7						H 35 th. 414610N0724007.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 43 ft. Depth to water 41 ft.						Sand, fine, brown, trace of silt 15- 18 3					
Gravel, coarse to fine sand, silt, clay 7- 39 32						Sand, medium, brown; loose gravel 0- 14 14						Silt, clay, sand, and hard brown gravel (glacial till) 18- 33 15					
Rock, brown 39- 46 7						Gravel, red-brown, and sand; medium compact silt 14- 16 2						Siltstone and sandstone, red 33- 38 5					
H 22 th. 414556N0723957.1. Conn. Dept. of Transportation. Drilled 1959. Altitude 0 ft. Depth to water 0 ft.						Silt, brown; fine sand 16- 35 19						H 42 th. 414610N0724058.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 40 ft. Depth to water 7 ft.					
Water 0- 23 23						Sand, fine, brown; silt 35- 43 8						Roadway 0- 1 1					
Clay 23- 32 9						Sand, coarse to fine, brown 43- 52 9						Clay, silt, sand, brown clinders, miscellaneous fill 1- 9 8					
Gravel, silt, and sand 32- 37 5						Sand, coarse to fine, red-brown; very compact silt 52- 65 13						Clay, varved, brown 9- 15 6					
Hardpan 37- 39 2						Shale, gray 65- 71 6						Sand, fine, brown, trace of silt 15- 18 3					
Rock, red at 39						H 36 th. 414602N0724006.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 32 ft. Depth to water 31 ft.						Silt, clay, sand, and hard brown gravel (glacial till) 18- 33 15					
H 26 th. 414615N0724057.1. City of Hartford. Drilled 1943. Altitude 40 ft.						Sand, coarse to fine, gray; silt 0- 2 2						Siltstone					
Cinders and sand 0- 4 4						Sand, coarse to fine, brown; silt 2- 13 11						Sand, fine, red-brown, trace coarse sand and silt 93- 100 7					
Sand 4- 15 11						Silt, brown 13- 23 10						Sand, fine, red-brown, little fine gravel, trace coarse sand and silt 100- 105 5					
Clay 15- 24 9						Silt, clayey, brown 23- 28 5						Sand, fine, red-brown, little silt 105- 110 5					
Clay, red 24- 29 5						Sand, medium to coarse, brown 28- 35 7						Sand, fine, red-brown, little fine gravel, trace coarse sand and silt 110- 114 4					
Clay, hard, red, and gravel 29- 32 3						Sand, coarse to fine, brown 35- 43 8						Sand, fine, red-brown, little fine gravel and silt 114- 117 3					
H 27 th. 414621N0724100.1. City of Hartford. Drilled 1946. Altitude 40 ft.						Gravel, coarse to fine, red-brown; silt; coarse to fine compact sand 43- 48 5						Silt, red-brown, trace fine gravel and clay (cemented) 117- 128 11					
Fill, clinders; clay and sand 0- 7 7						Shale, red; sandstone seams 48- 58 10						Glacial till, red-brown, sandy 128- 140 12					
Clay 7- 22 15						H 37 th. 414555N0724006.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 28 ft. Depth to water 20 ft.						Shale, red-brown 140- 145 5					
Clay and some gravel 22- 23 1						Sand, gravel, brick, silt and cinder fill; some wood 0- 15 15						H 44 th. 414459N0724236.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 63 ft. Depth to water 27 ft.					
H 28 th. 414506N0724249.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 38 ft. Depth to water 4 ft.						Silt and some gray clay 15- 21 6						Cinder fill 0- 5 5					
Sand, fine to coarse, brown; some silt; little fine gravel; brick and coal fill 0- 13 13						Silt, sand, fine, and some gray clay 21- 27 6						Sand, fine to coarse, brown-black, fine to coarse gravel, trace silt 5- 10 5					
Clay and silt, varved, gray-brown 13- 40 27						Sand, fine, and silt 27- 32 5						Sand, fine to coarse, gray, some fine to medium gravel, trace silt 10- 18 8					
Clay and silt, varved, red-brown 40- 75 35						Sand, medium to coarse, gray 32- 37 5						Sand, fine to coarse, brown, some silt, trace medium gravel 18- 23 5					
Sand, fine to coarse, red; some silt; trace gravel 75- 78 3						Gravel, sand and brown silt 37- 44 7						Sand, fine, brown, some silt 23- 31 8					
Till, silty, red 78- 103 25						Hardpan 44- 49 5						Silt, gray, little to some organic matter 31- 41 10					
Sand, fine to coarse, red; some silt 103- 110 7						Rock, red 49- 59 10						Silt and clay, gray-brown (varved) 41- 105 64					
Refusal at 110						H 38 th. 414546N0724003.1. Conn. Dept. of Transportation. Drilled 1955. Altitude 29 ft. Depth to water 17 ft.						Silt and clay, red-brown (varved) 105- 110 5					
H 29 th. 414614N0724041.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 60 ft.						Sand, clinders, boulders, stone and concrete fill 0- 12 12						Silt, red-brown, trace to some fine gravel 110- 126 16					
Concrete 0- 1 1						Sand, silt, clay fill 12- 26 14						Sand, fine to coarse, fine to coarse red-brown gravel, trace silt, trace shale fragments 126- 131 5					
Sand; some clay; little silt 1- 9 8						Clay and silt, gray 26- 35 9						Cobbles, nested 131- 142 11					
Clay, varved, red-brown 9- 36 27						Sand, gray and brown 35- 47 12						Shale, red 142- 147 5					
Till, gravelly, red 36- 50 14						Sand, silt and some fine brown gravel 47- 57 10											
Shale, red, and sandy, red siltstone 50- 55 5						Sand, fine gravel and brown clay 57- 64 7											
						Rock, red 64- 70 6											

Table 3.--Logs of selected test holes--Continued

40

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Hartford--Continued			M 9 th. 414552N0723409.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 117 ft. Depth to water 6 ft.			M 16 th. 414546N0723108.1. Conn. Dept. of Transportation. Drilled 1967. Altitude 202 ft. Depth to water 2 ft.		
H 82 th. 414808N0723927.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 20 ft. (Formerly H 102)			Silt, brown, little fine sand, trace fine gravel	0- 2	2	Sand, fine, some silt, roots	0- 2	2
Sand, fine, gray, and silt	0- 4	4	Sand, fine, red-brown, little silt, trace fine gravel	2- 4	2	Sand, fine to coarse, little fine to medium gravel, little to trace silt	2- 14	12
Hardpan, red	4- 8	4	Sand, coarse to fine, red-brown, some coarse to fine gravel, few cobbles, trace silt	4- 8	4	Sand, fine, and some silt	14- 38	24
Rock	at 8		Sand, fine, red-brown, little silt, trace clay	8- 18	10	Sand, fine to coarse, little silt	38- 43	5
Town of Manchester			Silt, red-brown, little to some clay, trace fine sand, scattered 1/8 in. clay layers	18- 34	16	Sand, coarse to fine, little fine gravel, trace silt	43- 48	5
M 1 th. 414630N0723441.1. Conn. Dept. of Transportation. Drilled 1943. Altitude 70 ft. Depth to water 0 ft.			Silt, red-brown, and fine sand	34- 41	7	Sand, fine to coarse, little fine gravel, trace silt	48- 53	5
Water	0- 2	2	Silt, red-brown, some fine sand, trace clay	41- 94	53	Sand, fine, some fine to medium gravel, trace silt	53- 55	2
Sand and silt	2- 7	5	Fill, glacial, red-brown	94-109	15	Sandstone, arkosic, red-brown	55- 60	5
Rock, rotten	7- 22	15	Bedrock, arkose	109-120	11			
M 2 th. 414741N0723335.1. Conn. Dept. of Transportation. Drilled 1943. Altitude 143 ft.			M 10 th. 414552N0723320.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 150 ft.			Sand, fine, some silt, trace gravel	0- 4	4
Loam	0- 2	2	Sand, fine to coarse, orange-brown, little silt, trace fine gravel	0- 2	2	Sand, fine, little fine to medium gravel and silt	4- 9	5
Sand, medium, red, and some silt	2- 18	16	Sand, fine to coarse, brown, trace fine to medium gravel, trace silt	2- 4	2	Sand, fine, some silt	9- 19	10
Sand, coarse, fine gravel and some silt	18- 27	9	Sand, fine to coarse, and fine to coarse gravel; trace silt, few cobbles	4- 43	39	Sand, coarse to fine, some fine to medium gravel, trace silt	19- 24	5
Sand, medium, red, some coarse, red sand and silt	27- 60	33	Arkose, decomposed and weathered	43- 53	10	Sand, fine to coarse, little to trace silt, little to trace fine gravel	24- 34	10
M 3 th. 414647N0723414.1. Conn. Dept. of Transportation. Drilled 1944. Altitude 80 ft.			M 11 th. 414548N0723232.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 134 ft. Depth to water 0 ft.			Sand, coarse to fine, trace gravel	34- 36	2
Loam	0- 1	1	Muck, black	0- 2	2	Sand, coarse to fine, some to little fine to coarse gravel, trace silt	36- 44	8
Sand, fine and medium, red, and silt	1- 9	8	Sand, red-brown, gravel, little silt	2- 5	3	Gravel, fine to medium, some coarse to fine sand, trace silt	44- 49	5
Sand, medium, some fine gravel and silt	9- 21	12	Arkose, weathered	5- 16	11	Sand, coarse to fine, little fine to medium gravel, trace mica	49- 54	5
Sandstone, red	21- 26	5				Gravel, fine to medium, some fine sand, little silt	54- 59	5
M 4 th. 414646N0723416.1. Conn. Dept. of Transportation. Drilled 1944. Altitude 92 ft.			M 12 th. 414550N0723226.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 156 ft. Depth to water 16 ft.			Sand, fine, trace silt and mica	59- 64	5
Road fill	0- 6	6	Sand, dark brown, some silt, trace gravel (fill)	0- 2	2	Gravel, coarse to fine, some coarse to fine sand, trace silt and clay	64- 69	5
Sand and gravel	6- 7	1	Fill: sand, gravel, tar mat, bricks, concrete, wood, cobbles, some voids	2- 10	8	Sand, coarse to fine, little fine to medium gravel, trace silt	69- 74	5
Sand, gravel, silt	7- 11	4	Sand, fine to coarse, brown, little silt, few cobbles (fill)	10- 17	7	Gravel, fine to medium, some fine sand, trace silt	74- 79	5
Rock, soft, or hardpan	11- 15	4	Sand, fine, and tan to gray silt, little organic material, pieces wood	17- 21	4	Sand, fine to coarse, little fine to medium gravel, trace to no silt	79- 95	16
Brownstone	15- 20	5	Sand, fine to coarse, red-brown, some silt, fine to medium gravel, pieces of decomposed arkose	21- 27	6	Sandstone, arkosic	95-100	5
M 5 th. 414747N0723330.1. Conn. Dept. of Transportation. Drilled 1945. Altitude 144 ft.			Weathered arkose	27- 32	5			
Topsoll	0- 1	1	M 13 th. 414548N0723153.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 214 ft. Depth to water 20 ft.			Sand, fine, some silt, little fine gravel, trace vegetation	0- 4	4
Sand, fine, and silt	1- 6	5	Topsoll, brown	0- 1	1	Silt, some fine sand, trace fine sand and fine to coarse gravel in layers	4- 10	6
Gravel, fine, red, and coarse sand	6- 10	4	Sand, fine to coarse, little fine to medium gravel, trace coarse gravel	1- 30	29	Sand, fine, little fine gravel, trace medium gravel and silt	10- 15	5
Sand, medium, red, and some silt	10- 25	15	Sand, coarse to fine, fine gravel, little silt	30- 43	13	Sand, fine, some silt, trace silt pockets	15- 25	10
M 6 th. 414805N0723308.1. Conn. Dept. of Transportation. Drilled 1944. Altitude 162 ft.			Sand, fine to coarse, fine gravel, trace silt, clay	43- 46	3	Sand, fine, trace silt	25- 30	5
Loam	0- 2	2	Silt, some clay, little fine to coarse sand, trace fine gravel	46- 52	6	Rock fragments, trace fine sand and silt	30- 31	1
Sand, fine and medium, and red silt	2- 19	17	Sand, fine, little silt, trace clay with layers of fine to coarse sand, gravel	52- 57	5	Sandstone, arkosic with layers of siltstone	31- 41	10
Sand, medium, red, and silt	19- 24	5	Silt, little fine to coarse sand, trace fine to medium gravel, trace clay	57- 70	13			
Hardpan	24- 45	21	Sandstone, brown	70- 75	5	M 19 th. 414541N0723014.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 268 ft. Depth to water 5 ft.		
Rock	45- 53	8				Sand, fine, some silt, trace fine to medium gravel and roots	0- 4	4
M 7 th. 414842N0723115.1. Conn. Dept. of Transportation. Drilled 1945. Altitude 205 ft.			M 14 th. 414544N0723117.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 198 ft. Depth to water 3 ft.			Sand, fine to medium, little fine gravel, trace coarse sand and medium gravel	4- 9	5
Loam	0- 1	1	Sand, coarse to fine, little medium to fine gravel, trace silt and mica	0- 5	5	Sandstone, arkosic, red-brown	9- 14	5
Gravel, coarse, small boulders	1- 8	7	Sand, fine to medium, little silt, trace fine gravel, and coarse sand	5- 39	34			
Gravel, fine, medium sand, and some silt	8- 32	24	Sandstone, red-brown	39- 46	7			
Brownstone	32- 38	6	M 15 th. 414546N0723116.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 202 ft. Depth to water 5 ft.			Sand, fine, some silt, trace fine gravel and roots	0- 4	4
Sand, fine to coarse, brown, little silt	0- 18	18	Sand, fine to medium, some fine to coarse gravel, little silt, trace mica	5- 10	5	Sand, fine, trace silt and coarse sand	4- 14	10
Sand, fine, brown, some silt	18- 29	11	Sand, fine to medium, little fine to medium gravel, trace silt pockets, coarse sand and mica	10- 15	5	Sand, fine to coarse, trace fine gravel to fine gravel	14- 19	5
Silt, brown, some clay layered with fine sand	29- 45	16	Sand, fine to medium, some medium to fine gravel, little silt, trace coarse sand and mica	15- 20	5			
Silt, brown, trace fine sand, trace clay	45- 71	26	Sandstone, red-brown	20- 30	10			
Silt, brown, little clay, trace medium gravel, trace fine to coarse sand	71- 77	6						
Silt, varved, brown, some clay, trace fine sand	77- 79	2						
Silt, brown, some clay, trace fine sand and coarse, and fine, brown gravel; little medium to coarse gravel, trace fine sand, silt	79- 87	8						
Sand, coarse to fine, and coarse to fine gravel, some silt, few cobbles	87- 90	3						
Sand, coarse to fine, and coarse to fine gravel, some silt, few cobbles	90-106	16						
Arkose, brown	106-110	4						

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Manchester--Continued			M 32 th. 414618N0723420.1. Town of Manchester Water Dept. Drilled 1967. Altitude 70 ft. Depth to water 1 ft. Log by WEDCO.			M 41 th. 414551N0723104.1. Town of Manchester Water Dept. Drilled 1967. Altitude 215 ft. Depth to water 14 ft. Log by WEDCO.		
M 22 th. 414556N0722925.1. Conn. Dept. of Transportation. Drilled 1967. Altitude 435 ft. Depth to water 11 ft.			Sand, fine to medium, and clay	0- 15	15	Sand, fine to very fine, occasional gravel and traces of clay	0- 29	29
			Clay, some fine sand	15- 65	50	Sand, fine to medium, some coarse sand	29- 35	6
Sand, fine, some silt, little coarse to fine gravel, trace organic material and roots	0- 4	4	Sand, fine to coarse, some small gravel and clay	65- 67	2	Sand, medium to coarse, little gravel	35- 42	7
Gneiss, pink and white	4- 25	21	Clay, some medium gravel	67- 72	5	Sand, coarse to very coarse, and gravel	42- 59	17
			Sand, fine to medium, some medium gravel	72- 80	8	Sand, fine to medium	59- 71	12
			Refusal	at 80		Sand, fine to medium, trace of silt and compact clay	71- 76	5
M 23 th. 414615N0722823.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 515 ft. Depth to water 5 ft.			M 33 th. 414606N0723402.1. Town of Manchester Water Dept. Drilled 1967. Altitude 130 ft. Depth to water 35 ft. Log by WEDCO.			M 42 th. 414605N0722834.1. Town of Manchester Water Dept. Drilled date unknown. Altitude 485 ft. Log by S. B. Church Co.		
Topsoil	0- 2	2	Sand, fine, some clay	0- 25	25	Sand, fine to medium	0- 40	40
Sand, coarse to fine, very dense, some silt, trace gravel	2- 32	30	Sand, very fine to fine, some clay and silt	25- 85	60	Rock	at 40	
Silt, coarse to fine sand, trace gravel	32- 70	38	Sand, fine, some silt	85- 92	7			
Silt, little fine sand, trace clay	70- 76	6	Refusal	at 92				
Sand, coarse to fine, very dense, little silt, trace gravel	76- 84	8	M 34 th. 414615N0723404.1. Town of Manchester Water Dept. Drilled 1967. Altitude 120 ft. Log by WEDCO.			Town of Middletown		
Schist, gray	84- 91	7	Sand, fine to medium, some clay	0- 15	15	MT 1 th. 413404N0723915.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 31 ft.		
M 24 th. 414604N0722850.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 483 ft.			Clay, some broken stone	15- 55	40	Gravel, red, red sand and some red clay	0- 29	29
Topsoil	0- 1	1	Sand, fine, some clay	55- 70	15	Gravel, sand and red clay	29- 38	9
Sand, fine, and very dense silt, trace coarse sand	1- 5	4	Clay, fine to medium sand	70- 76	6	Gravel, boulders, and red clay	38- 46	8
Sand, coarse to fine, very dense, trace of silt and gravel	5- 12	7	Refusal	at 76		Gravel	46- 60	14
Sand, coarse to fine, very dense, cobbles and boulders	12- 20	8	M 35 th. 414635N0723147.1. Town of Manchester Water Dept. Drilled 1967. Altitude 140 ft. Depth to water 4 ft. Log by WEDCO.			Sand and gravel, very hard	60- 64	4
Gneiss, schistose, gray	20- 31	11	Fill	0- 3	3	Gravel	64- 66	2
			Clay and peat	3- 9	6	Clay, red	66- 73	7
M 25 th. 414705N0723321.1. Conn. Dept. of Transportation. Drilled 1930. Altitude 82 ft. Depth to water 0 ft.			Sand, fine, with little gravel	9- 17	8	Clay, red, very little sand	73- 82	9
Topsoil and sand	0- 4	4	Sand, very fine, some silt and clay, little gravel	17- 41	24	Brownstone	82- 87	5
Gravel, hard	4- 9	5	Sand, medium, some compact gravel	41- 47	6			
Sand, fine	9- 39	30	Sand, medium to coarse, some compact gravel	47- 53	6	MT 2 th. 413405N0723912.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 24 ft.		
Sand, coarse	39- 53	14	Refusal	at 53		Sand and gravel, red	0- 6	6
			M 36 th. 414634N0723153.1. Town of Manchester Water Dept. Drilled 1967. Altitude 145 ft. Depth to water 10 ft. Log by WEDCO.			Sand and clay, red	6- 17	11
M 26 th. 414642N0723332.1. Town of Manchester Water Dept. Drilled 1949. Altitude 80 ft. Depth to water 6 ft. Log by S. B. Church Co.			Sand, fine to medium, some gravel	0- 30	30	Sand and gravel, red	17- 28	11
Sand, coarse, red	0- 25	25	Sand, fine to coarse, some gravel	30- 35	5	Gravel hardpan	28- 50	22
Sand, fine, red	25- 45	20	Sand, medium to coarse, some gravel	35- 40	5	Sand, fine, hard, red	50- 62	12
Sand, coarse, clean, very little gravel	45- 65	20	Sand, fine to medium	40- 45	5	Clay, red	62- 78	16
Clay and hardpan	65- 68	3	Sand, medium to coarse	45- 50	5	Sand and gravel, red	78-104	26
			Sand, fine to medium	50- 55	5	Brownstone	104-111	7
M 27 th. 414641N0723339.1. Town of Manchester Water Dept. Drilled 1967. Altitude 75 ft. Log by WEDCO.			Sand, medium to coarse	55- 60	5	MT 3 th. 413407N0723906.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 23 ft.		
Sand, fine to medium, red clay and some gravel	0- 17	17	Sand, very fine to fine, some silt	60- 75	15	Sand and clay, red	0- 8	8
Sand, very fine, red, and some gravel	17- 33	16	Sand, fine to medium	75- 79	4	Sand and gravel, red	8- 57	49
Sand, very fine, red, clay and silt	33- 45	12	Sand, medium to coarse, and medium gravel	79- 87	8	Gravel hardpan	57- 68	11
Sand, very fine, clay, silt and some gravel	45- 51	6	Refusal	at 87		Sand, fine, hard, red	68- 99	31
Sand, fine, and red clay	51- 95	44	M 37 th. 414637N0723140.1. Town of Manchester Water Dept. Drilled 1967. Altitude 140 ft. Depth to water 5 ft. Log by WEDCO.			Clay, red	99-106	7
Refusal	at 95		Sand, medium to coarse, some gravel	0- 15	15	Sand and gravel, red	106-115	9
			Sand, fine to coarse, some medium gravel	15- 25	10	Brownstone	115-122	7
M 28 th. 414638N0723352.1. Town of Manchester Water Dept. Drilled 1967. Altitude 70 ft. Log by WEDCO.			Sand, fine, little gravel	25- 35	10	MT 4 th. 413409N0723856.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 0 ft. Depth to water 0 ft.		
Sand, fine to coarse (fill)	0- 12	12	Sand, fine to medium, with small to large gravel, and trace of silt and clay	35- 41	6	Water	0- 18	18
Sand, fine to medium, some gravel and clay	12- 15	3	Refusal	at 41		Sand, coarse	18- 63	45
Sand, fine, and clay	15- 38	23	M 38 th. 414636N0723146.1. Town of Manchester Water Dept. Drilled 1967. Altitude 170 ft. Depth to water 13 ft. Log by WEDCO.			Gravel	63- 65	2
Refusal	at 38		Sand, very fine to fine, trace of gravel	0- 20	20	Clay, red	65- 96	31
			Sand, fine to medium	20- 25	5	Sand, fine, and some clay	96- 97	1
M 30 th. 414636N0723328.1. Town of Manchester Water Dept. Drilled 1967. Altitude 85 ft. Log by WEDCO.			Sand, very fine to fine	25- 50	25	Gravel and some clay	97-101	4
Sand, medium to coarse, some gravel and silt	0- 16	16	Sand, very fine to medium	50- 55	5	Brownstone	101-106	5
Gravel, medium to coarse, silt and clay	16- 22	6	Sand, fine to medium, some small gravel	55- 60	5			
Sand, very fine, and silt and clay	22- 57	35	Sand, fine to medium	60- 65	5	NB 1 th. 414052N0724545.1. Conn. Dept. of Transportation. Drilled 1952. Altitude 90 ft.		
Clay, red, some silt	57- 73	16	Sand, fine to coarse, some gravel	65- 72	7	Topsoil and fill	0- 2	2
Clay, red, some silt, trace of gravel	73- 79	6	Refusal	at 72		Clay, silt, sand, and some gravel	2- 5	3
Refusal	at 79		M 39 th. 414531N0723104.1. Town of Manchester Water Dept. Drilled 1967. Altitude 210 ft. Log by WEDCO.			Clay, silt, sand, with more red gravel	5- 8	3
			Topsoil, fine to medium sand, some gravel	0- 15	15	Glacial till, hard, red	8- 12	4
M 31 th. 414617N0723426.1. Town of Manchester Water Dept. Drilled 1967. Altitude 70 ft. Depth to water 7 ft. Log by WEDCO.			Sand, fine to medium, some clay	15- 24	9	Rock chips, red, and clay	12- 15	3
Sand, fine to medium, trace of clay and silt	0- 15	15	Refusal	at 24		Refusal	at 15	
Sand, very fine to fine, trace of clay and gravel	15- 74	59	M 40 th. 414545N0723106.1. Town of Manchester Water Dept. Drilled 1967. Altitude 200 ft. Log by WEDCO.					
Sand, medium to coarse, some small gravel	74- 76	2	Sand, fine	0- 15	15	Fill	0- 1	1
Sand, fine to coarse, some clay and silt	76- 83	7	Sand, fine to coarse	15- 30	15	Gravel, reddish brown, with some to medium sand, trace of fine sand, trace silt	4- 7	3
Sand, fine to coarse, some gravel, little silt	83- 87	4	Sand, fine to coarse, and gravel	30- 52	22	Sand, medium to coarse, with little fine sand, little silt-clay, clay in layers in sand	7- 14	7
Refusal	at 87		Refusal	at 52		Sand, fine, reddish brown, with some medium sand, little clay, trace silt, clay in layers in sand	14- 17	3
						Clay and silt, reddish brown, with some fine sand, little gravel, trace medium to coarse sand, clay in layers in sand	17- 28	11
						Sand, coarse to medium, reddish brown, some gravel, little fine sand, trace of silt, traprock, cobbles	28- 35	7
						Gravel, coarse, coarse to medium, reddish brown sand, traprock, cobbles, traces of silt	35- 46	11
						Brownstone and traprock	46- 51	5

Table 3--Logs of selected test holes--Continued

			Depth	Thick-		Depth	Thick-		Depth	Thick-	
			(feet)	ness		(feet)	ness		(feet)	ness	
			(feet)	(feet)		(feet)	(feet)		(feet)	(feet)	
Town of Newington											
N 1 th. 414101N0724351.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 75 ft.					P 5 th. 413410N0723849.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 13 ft.				RH 7 th. 413841N0723943.1. Gardner's Nurseries, Inc. Drilled 1957. Altitude 130 ft. Depth to water 5 ft. Log by S. B. Church Co. (Formerly RH 82)		
Silt and clay	0- 12	12			Brownstone fill	0- 32	32		Topsoil	0- 3	3
Clay, brown	12- 15	3			Sand, fine	32- 69	37		Sand and gravel	3- 20	17
Brownstone, broken, and clay	15- 19	4			Clay and gravel	69- 74	5		Sand, coarse	20- 24	4
					Sand and clay	74- 76	2		Sand, fine	24- 40	16
					Clay, red	76-125	49		Hardpan	40- 41	1
					Sand and clay	125-129	4				
					Gravel and clay	129-131	2		RH 8 th. 413825N0723947.1. Gardner's Nurseries, Inc. Drilled 1957. Altitude 150 ft. Depth to water 22 ft. Log by S. B. Church Co. (Formerly RH 84)		
					Brownstone	131-141	10		Topsoil	0- 3	3
N 2 th. 414305N0724339.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 50 ft.					P 6 th. 413410N0723845.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 22 ft.				Sand and gravel	3- 30	27
Root matting and organic, gray silt	0- 1	1							Sand, coarse	30- 35	5
Silt, brown, some fine sand, little organic matter, minus trace clay	1- 5	4			Sand and brownstone fill	0- 18	18		Sand, fine	35- 40	5
Silt, gray, little fine sand, trace organic matter, minus trace clay	5- 10	5			Sand, fine	18- 62	44		Town of Somers		
Sand, red-brown, little coarse sand, little silt, minus trace clay	10- 11	1			Sand, medium	62- 64	2		SO 1 th. 410123N0723021.1. Conn. Dept. of Correction, State Prison. Drilled 1968. Altitude 248 ft. Depth to water 6 ft. Log by Layne-New England.		
Sand, fine, red-brown, little silt, trace clay	11- 21	10			Sand, fine, yellow, and mica	64- 75	10		Topsoil	0- 2	2
Sand, fine, brown, trace silt	21- 23	2			Sand, medium	74- 75	1		Clay, red, with some sand and gravel	2- 22	20
Silt, red-brown, some fine sand, little coarse sand, trace gravel, cobbles, clay	23- 26	3			Clay, red	75- 78	3		Sand, fine to medium, red, with trace red clay	22- 30	8
Sand and silt, red-brown, little coarse sand, little gravel, cobbles, trace clay	26- 27	1			Gravel and red clay	78- 81	3		Clay, red, with red rock or shale	30- 32	2
Sandstone, red-brown shale	27- 37	10			Gravel and red clay	81- 85	4				
					Clay, red	85- 93	8				
					Gravel and red clay	93- 97	4				
					Brownstone	97-102	5				
N 3 th. 414159N0724255.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 146 ft. Depth to water 29 ft.					P 7 th. 413411N0723842.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 24 ft.						
Topsoil, brown	0- 1	1									
Sand, fine to coarse, red-brown, some fine to medium gravel, little silt, few cobbles	1- 9	8			Brownstone fill	0- 4	4				
Sand, fine to coarse, brown-red, and medium to fine gravel; little silt; some cobbles	9- 12	3			Sand, fine	4- 31	27				
Sand, fine to coarse, brown-red; some fine gravel; little silt; few cobbles	12- 16	4			Sand, fine, and gray clay	31- 46	15				
Sand, coarse to fine, red-brown; medium to fine gravel; some cobbles; trace silt	16- 25	9			Gravel and red clay	46- 53	7				
Sand and silt, red-brown; trace of gravel; layers of coarse sand and clay	25- 28	3			Brownstone	53- 59	6				
Sand, fine, red-brown; some silt; trace coarse sand; trace fine gravel	28- 38	10			P 8 th. 413412N0723839.1. Conn. Dept. of Transportation. Drilled 1935. Altitude 31 ft.						
Sand, fine to medium and coarse, gravel cobbles and silt	38- 41	3									
Sand, fine, red-brown; trace coarse sand; little fine to medium gravel; trace silt	41- 49	8			Brownstone fill	0- 19	19				
Traprock, seamy	49- 59	10			Swamp mud	19- 29	10				
N 4 th. 414140N0724504.1. Conn. Dept. of Transportation. Drilled 1938. Altitude 70 ft.					Gravel and red clay	29- 32	3				
Clay, red, and soft sand	0- 26	26			Brownstone	32- 39	7				
Clay, red, and hard gravel	26- 42	16			Town of Rocky Hill						
Brownstone, hard	42- 47	5			RH 1 th. 413834N0724039.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 159 ft. Depth to water 16 ft.						
Town of Portland											
P 1 th. 413336N0723510.1. Midstate Planning Region. Drilled 1965. Altitude 20 ft. Log by WEDCO.					Sand, coarse to fine, red-brown, little gravel, little silt	0- 15	15				
Silt, reddish brown, and fine sand	0- 6	6			Sand, medium to fine, red-brown, some silt	15- 29	14				
Sand, fine, and gray silt	6- 15	9			Silt, red-brown, some fine sand	29- 38	9				
Sand, fine, gray	15- 43	28			Sand, fine, red-brown, some silt, trace gravel	38- 46	8				
Sand, coarse, and small to medium, reddish brown gravel	43- 57	14			Basalt, gray	46- 51	5				
Refusal	at 57				RH 2 th. 413835N0724040.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 159 ft. Depth to water 11 ft.						
P 2 th. 413545N0723618.1. Town of Portland Water Dept. Drilled 1949. Altitude 15 ft. Depth to water 12 ft. Log by Layne-New York Co. (Formerly P 70)					Topsoil	0- 1	1				
Topsoil	0- 1	1			Fill	1- 2	1				
Sand, fine, occasional gravelly streaks	1- 20	19			Sand, coarse to fine, and medium to fine red-brown gravel; little silt	2- 5	3				
Clay, red	20- 88	68			Cobbles, nested	5- 10	5				
P 3 th. 413528N0723647.1. Town of Portland Water Dept. Drilled 1950. Altitude 30 ft. Depth to water 6 ft. Log by Layne-New York Co. (Formerly P 71)					Sand, coarse to fine; some fine gravel some silt (probably till)	10- 13	3				
Topsoil	0- 2	2			Sand, fine, red-brown, silt and trace of clay	13- 22	9				
Sand, clay streaks, fine gravel	2- 20	18			Sand, coarse to fine, dark brown; medium to fine gravel; trace silt	22- 27	5				
Sand, very fine, clay, fine gravel	20- 26	6			Basalt, gray	27- 32	5				
Sand, very fine, considerable silt and clay	26- 33	7			RH 5 th. 414050N0723913.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 28 ft.						
Ledge	at 33										
P 4 th. 413534N0723624.1. Town of Portland Water Dept. Drilled 1950. Altitude 20 ft. Depth to water 10 ft. Log by Layne-New York Co. (Formerly P 72)					Silt, clayey, brown; some medium to fine sand	0- 1	1				
Topsoil	0- 1	1			Silt, clayey, brown; trace coarse to fine sand	1- 13	12				
Sand, extremely fine, silt, and clay	1- 30	29			Silt, varved, clayey; trace coarse to fine sand layered with silty, red-brown clay; trace fine sand	13- 20	7				
Clay	30- 25	45			Sand, coarse to fine; silt and clay; some medium to fine gravel	20- 25	5				
					Silt, clayey, brown; trace coarse to fine sand	25- 28	3				
					Sand, coarse to fine; clayey silt; little medium to fine gravel	28- 40	12				
					Gravel, coarse to fine; coarse to fine sand; some clayey silt	40- 51	11				
					Sand, coarse to fine; little clayey silt; medium to fine gravel	51- 64	13				
					Rock	64- 71	7				
					RH 6 th. 413841N0723950.1. Gardner's Nurseries, Inc. Drilled 1957. Altitude 150 ft. Depth to water 9.5 ft. Log by S. B. Church Co. (Formerly RH 81)						
					Topsoil	0- 3	3				
					Sand and gravel	3- 25	22				
					Sand, coarse	25- 37	12				
					Sand, fine	37- 57	20				
					Clay, hardpan	57- 63	6				
					SO 10 th. 415927N0722750.1. Conn. Water Co. Drilled: date unknown. Altitude 190 ft.						
					Topsoil	0- 2	2				
					Sand, fine to medium	2- 20	18				
					Sand, fine to medium, tan, with clay	20- 26	6				
					Refusal	at 26					
					SO 9 th. 415917N0722759.1. Conn. Water Co. Drilled: date unknown. Altitude 190 ft.						
					Topsoil	0- 1	1				
					Sand, coarse, brown, and clay	1- 20	19				
					Sand, fine to medium, tan, with clay	20- 29	9				
					Refusal	at 29					
					SO 10 th. 415901N0722810.1. Conn. Water Co. Drilled: date unknown. Altitude 190 ft.						
					Topsoil	0- 3	3				
					Sand and gravel, medium, and red clay	3- 20	17				
					Refusal	at 20					
					SO 11 th. 415933N0722638.1. Conn. Water Co. Drilled: date unknown. Altitude 245 ft.						
					Topsoil	0- 2	2				
					Sand, medium; gray clay; some gravel	2- 28	26				
					Refusal	at 28					
					SO 12 th. 415940N0722744.1. Conn. Water Co. Drilled: date unknown. Altitude 190 ft.						
					Topsoil	0- 1	1				
					Sand, fine, brown; some clay	1- 32	31				
					Sand, fine, red, and clay	32- 50	18				
					Refusal	at 50					
					SO 13 th. 415831N0722815.1. Conn. Water Co. Drilled: date unknown. Altitude 195 ft.						
					Topsoil	0- 2	2				
					Sand, fine to medium, some clay	2- 55	53				
					Refusal	at 55					
					SO 14 th. 415832N0722825.1. Conn. Water Co. Drilled: date unknown. Altitude 190 ft.						
					Topsoil	0- 2	2				
					Sand, fine to coarse; angular gravel	2- 30	28				
					Refusal	at 30					
					SO 15 th. 415827N0722824.1. Conn. Water Co. Drilled: date unknown. Altitude 190 ft.						
					Topsoil	0- 3	3				
					Sand, fine to coarse; angular gravel	3- 28	25				
					Refusal	at 28					

Table 3.--Logs of selected test holes--Continued

Depth (feet)	Thick- ness (feet)	Depth (feet)	Thick- ness (feet)	Depth (feet)	Thick- ness (feet)
Town of Somers--Continued					
SO 16 th. 415824N0722811.1. Conn. Water Co. Drilled: date unknown. Altitude 200 ft.					
Topsoil	0- 1	1	Silt, brown, and fine sand; topsoil	0- 1	1
Sand, fine, brown; some clay	1- 42	41	Sand, fine, light brown	1- 14	13
Sand, fine to medium, brown	42- 58	16	Sand, fine to coarse, light brown; trace silt, fine gravel	14- 30	16
Refusal	at 58		Silt, gray; little fine sand	30- 33	3
			Silt, gray; trace fine sand; trace clay Silt and clay, varved, gray-brown	33- 44	11
SO 17 th. 420108N0722736.1. Conn. Dept. of Transportation. Drilled 1948. Altitude 195 ft.					
Loam, dark, and sand	0- 4	4	Clay and silt, varved, gray-brown	44- 48	4
Sand, medium, gray	4- 11	7	Clay and silt, varved, gray-brown	48- 147	99
Peat, brown	11- 22	11	Clay and silt, varved, red-brown	147- 178	31
Sand, fine	22- 34	12	Sand; silt; gravel; clay (till); red- brown	178- 182	4
Sand, gravel, and silt	34- 41	7	Siltstone, red, laminated, micaceous, cross-laminated	182- 187	5
Rock, brownstone	41- 53	12			
SO 18 th. 415912N0722829.1. Conn. Dept. of Transportation. Drilled 1966. Altitude 189 ft. Depth to water 6.5 ft.					
Gravel, brown-gray; fine to coarse sand; cobbles	0- 9	9	SW 6 th. 414846N0723838.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 3 ft. Depth to water 9 ft.		
Sand, fine, gray-brown; some silt	9- 14	5	Water	0- 9	9
Gravel, fine to coarse, red-brown; some fine to coarse sand; little silt; trace clay	14- 19	5	Sand, medium to fine, dark brown; trace of silt	9- 11	2
Bedrock shale	19- 34	15	Clay, soft, gray; some silt	11- 43	32
			Clay and silt, soft, red	43- 64	21
SO 19 th. 415942N0722743.1. Conn. Dept. of Transportation. Drilled 1955. Altitude 192 ft.					
Topsoil, brown	0- 1	1	Gravel, silty, compact to very compact, red-brown	64- 82	18
Sand, fine, tan; silt	1- 3	2	Shale, soft, red, with siltstone lenses Clay	82- 92	10
Silt, gray; very fine sand	3- 6	3			
Gravel, medium, sand; pale red silt	6- 8	2	SW 7 th. 415142N0723614.1. Conn. Dept. of Transportation. Drilled before 1950. Altitude 6 ft. (Formerly SW 89)		
Sand, fine to medium, tan; silt	8- 13	5	Clay	0- 38	38
Gravel, red-brown; sand; silt	13- 16	3	Gravel and clay	38- 61	23
Gravel, red-brown; sand; silt; clay- till	16- 30	14	Gravel and clay with some cobbles	61- 78	17
Rock, red	30- 37	7	Ledge	at 78	
SO 20 th. 420015N0722718.1. Conn. Dept. of Transportation. Drilled 1955. Altitude 195 ft.					
Gravel; sand (fill)	0- 5	5	SW 8 th. 414844N0723832.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 8 ft. Depth to water 20 ft? (Formerly SW 101)		
Silt, gray; sand and some woodchips	5- 7	2	Silt, dark brown, soft	0- 3	3
Gravel, fine, brown; sand and silt	7- 9	2	Sand, fine, dark gray, loose, and coarse silt	3- 12	9
Silt, brown; fine sand and thin layers clay	9- 18	9	Sand, coarse to fine, gray	12- 22	10
Sand, fine, tan-brown; silt	18- 22	4	Clay, soft, red-gray	22- 70	48
Silt, brown; fine sand; traces of clay Sand, fine to medium, gray; some silt	22- 27	5	Clay, gray-red	70- 99	29
Till, sandy, brown	33- 37	4	Clay, stiff, red, shale fragments	99- 113	14
Till, silty, brown	37- 43	6	Shale, some interbedded sandstone	113- 123	10
Rock, soft, brown	43- 50	7			
SO 21 th. 410409N0722658.1. Conn. Dept. of Transportation. Drilled 1955. Altitude 209 ft.					
Roadbed	0- 2	2	SW 9 th. 414845N0723831.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 10 ft. Depth to water 13 ft? (Formerly SW 102)		
Gravel, sand and silt	2- 3	1	Silt, soft, dark brown	0- 3	3
Sand, fine, red-brown, to gravel; silt Sand, medium and fine, with layers of coarse sand and gravel; layers of fine sand; silt 6 to 18 in. thick	3- 7	4	Sand, very fine, loose, and coarse silt Sand, fine, brown-gray, little silt	3- 10	7
Gravel, red-brown; sand with little silt	7- 19	12	Clay, varved, gray-brown	10- 22	12
Sand, fine, and red gravel; some silt; trace clay	19- 26	7	Clay, varved, red-brown	22- 55	33
Rock	26- 36	10	Silt, stiff, red	55- 120	65
	36- 41	5	Gravel, silty, compact, some sand, shale fragments at bottom	120- 129	9
			Shale, interbedded, soft, red; hard, red siltstone and sandstone	129- 136	7
				136- 146	10
SO 10 th. 414828N0723731.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 36 ft. Depth to water 9 ft. (Formerly SW 103)					
			Sand, very fine, light brown, and coarse silt	0- 15	15
			Sand, very fine to fine, brown, little silt	15- 30	15
			Sand, coarse to fine, trace of silt	30- 38	8
			Clay, soft, gray-brown, little silt	38- 60	22
			Clay, red brown, little silt	60- 113	53
Town of Suffield					
SU 1 th. 415711N0724011.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 140 ft.					
Clay	0- 21	21			
Clay and gravel	21- 43	22			
Refusal	at 43				
SU 3 th. 415821N0723926.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 120 ft.					
Fill, gravel, sand, traprock	0- 11	11			
Gravel, sand, silt, clay and red-brown cobbles	11- 23	12			
Gravel, sand, silt, increased clay, larger cobbles - till	23- 30	7			
Rock, gray and brown	30- 40	10			
Town of Vernon					
V 1 th. 414920N0723013.1. Conn. Dept. of Transportation. Drilled 1942. Altitude 175 ft.					
Loam	0- 2	2			
Sand and gravel	2- 4	2			
Silt	4- 7	3			
Silt and clay, hard	7- 22	15			
Sandstone, hard	22- 27	5			
V 2 th. 414947N0722831.1. Conn. Dept. of Transportation. Drilled 1944. Altitude 281 ft.					
Loam-gravel	0- 3	3			
Sand, fine, red, and silt	3- 14	11			
Sand, medium, red, some silt	14- 17	3			
Sand, medium, fine gravel, some silt	17- 30	13			
Sandstone, soft	30- 33	3			
V 3 th. 414934N0722918.1. Conn. Dept. of Transportation. Drilled 1950. Altitude 272 ft.					
Topsoil	0- 1	1			
Sand, fine red, silt, and little gravel and few stones	1- 3	2			
Gravel, medium, sand, silt	3- 12	9			
Gravel, medium, sand, silt, clay, and few cobbles	12- 28	16			
Gravel, medium, sand, silt, clay, and cobbles	28- 70	42			
Rock?	70- 72	2			
V 5 th. 414957N0722801.1. Conn. Dept. of Transportation. Drilled 1951. Altitude 339 ft.					
Topsoil, gravelly	0- 1	1			
Gravel, sand, silt	1- 19	18			
Rock, soft mica schist	19- 22	3			
V 6 th. 415007N0722740.1. Conn. Dept. of Transportation. Drilled 1951. Altitude 341 ft.					
Roadbed	0- 1	1			
Sand, fine, silt	1- 2	1			
Sand, silt, little gravel	2- 4	2			
Sand, fine to medium, silt	4- 5	1			
Gravel, medium, sand, silt	5- 7	2			
Sand, fine to coarse, silt, little gravel	7- 9	2			
Sand, medium and coarse, silt, little gravel	9- 14	5			
Rock	14- 18	4			
V 7 th. 415113N0722548.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 512 ft.					
Gravel fill	0- 7	7			
Swamp muck and some gravel	7- 8	1			
Clay, gray, gravel and sand	8- 9	1			
Gravel, medium, sand and silt	9- 14	5			
Sand, fine, red, and silt	14- 85	71			
V 8 th. 414924N0722959.1. Conn. Dept. of Transportation. Drilled 1945. Altitude 196 ft.					
Loam	0- 3	3			
Sand, gravel and boulders	3- 9	6			
Gravel and hardpan	9- 20	11			
Sandstone, hard	20- 25	5			
V 9 th. 415157N0722913.1. Conn. Dept. of Transportation. Drilled 1948. Altitude 210 ft.					
Roadbed	0- 3	3			
Sand, medium, gray, and black silt	3- 7	4			
Sand, brown, gravel and silt	7- 11	4			
Sand, medium, brown	11- 13	2			
Sand, coarse, brown, gravel and silt	13- 22	9			
Rock, brown	22- 30	8			
Town of West Hartford					
WH 2 th. 414358N0724501.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 143 ft. Depth to water 6 ft.					
Silt, yellow-brown, trace clay, some brown topsoil, trace fine sand, trace fine gravel, few roots	0- 5	5			
Silt, red-brown, trace fine sand	5- 10	5			
Silt, brown, trace of fine sand	10- 15	5			
Gravel, fine to medium, brown; some fine to coarse sand and silt; trace shale fragments	15- 19	4			
Sandstone and shale, red-brown	19- 24	5			
WH 3 th. 414405N0724450.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 135 ft. Depth to water 7 ft.					
Silt, red-brown, sand, trace medium to fine gravel	0- 9	9			
Silt, brown, little fine sand	9- 14	5			
Silt, brown, trace fine sand	14- 24	10			
Silt, brown, and coarse to fine sand; trace medium to fine gravel	24- 29	5			
Silt, brown; some coarse to fine sand; some medium to fine gravel	29- 40	11			
Shale, gray; calcite seams grading to reddish shale	40- 50	10			
SW 1 th. 415042N0723428.1. Conn. Water Co. Drilled 1966. Altitude 85 ft. Depth to water 5.7 ft. Log by Layne-New York Co.					
Topsoil, gray and brown sand	0- 9	9			
Sand, gray and brown, with gray-brown clay	9- 26	17			
Clay, gray, with some brown and red clay	26- 48	22			
Clay, red	48- 80	32			
Clay, red, with fine to medium gravel Clay, red, with more fine to medium gravel	80- 90	10			
Refusal	90- 101	11			
	at 101				
SW 2 th. 415036N0723404.1. Conn. Water Co. Drilled 1966. Altitude 80 ft. Depth to water 2.1 ft. Log by Layne-New York Co.					
Topsoil; brown and red clay	0- 21	21			
Sand, fine, and silt	21- 32	11			
Clay, red, with some sand	32- 48	16			
Sand, fine, red, and silt	48- 105	57			
Sand, fine, red, and silt with traces of gravel	105- 108	3			
Refusal	at 108				

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
own of West Hartford--Continued			WH 10 th. 414458N0724257.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 70 ft. Depth to water 19 ft.	WH 15 th. 414348N0724324.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 51 ft. Depth to water 15 ft.				
WH 4 th. 414408N0724437.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 153 ft. Depth to water 7 ft.			Silt, gray-brown; trace coarse sand; fine gravel	0- 7	7	Gravel; traprock; sand (fill)	0- 4	4
Gravel, coarse to fine, red-brown; some silt; some coarse to fine sand; trace roots; trace clay	0- 3	3	Silt, gray-brown; some very fine sand; trace varved clay	7- 12	5	Silt, gray; gravel; sand; bricks (fill)	4- 14	10
Sand, coarse to fine, red-brown; little fine gravel; some silt; trace clay	3- 9	6	Silt, gray; little clay, trace of varved, fine sand	12- 20	8	Silt, brown; clay and some grass roots	14- 20	6
Gravel, coarse to fine, red-brown; some silt; some coarse to fine sand	9- 13	4	Silt, gray; some clay; trace of varved, fine sand	20- 30	10	Silt and clay, varved, red-brown	20- 36	16
Silt, red-brown, and coarse to fine sand; trace medium to fine gravel	13- 17	4	Silt and clay, gray; trace varved fine sand	30- 40	10	Silt and clay, red-brown; trace fine sand	36- 50	14
Dibase (gray traprock)	17- 22	5	Silt and clay, gray-red; trace varved fine sand	40- 50	10	Silt and clay, red-brown; trace medium to fine sand	50- 69	19
WH 5 th. 414452N0724404.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 79 ft. Depth to water 17 ft.			Silt and clay, varved, gray-red	50- 60	10	Silt and clay, red-brown; trace fine sand	69- 73	4
Topsoil	0- 1	1	Clay and silt, varved, red-gray	60-100	40	WH 16 th. 414409N0724351.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 46 ft. Depth to water 1 ft.		
Silt, red-brown; some medium-fine gravel and coarse-fine sand; trace of clay	1- 3	2	Silt and clay, red-brown	100-104	4	Gravel, sand and silt, brown-gray	0- 3	3
Silt, red-brown; some medium-fine gravel and coarse-fine sand; little clay	3- 7	4	Silt, red-brown	104-108	4	Rock, brown	3- 14	11
Silt, clayey, red-brown	7- 12	5	Silt, red-brown; little very fine sand	108-113	5	Town of Wethersfield		
Silt, clayey, red-brown; some medium-fine gravel; coarse, fine sand	12- 17	5	Silt, red-brown; very fine sand; trace of fine gravel	113-120	7	WF 1 th. 414248N0723830.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 2 ft. Depth to water 0 ft. Log by Giles Drilling Corp.		
Till, glacial, red-brown (sandy)	17- 28	11	Till, glacial, red-brown (sandy)	120-127	7	Water	0- 6	6
Shale, sandy, red-brown	28- 33	5	Till, glacial, red-brown (silty)	127-150	23	Sand, fine to medium	6- 27	21
WH 6 th. 414455N0724405.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 59 ft. Depth to water +1 ft.			Shale, fractured, red-gray	150-155	5	Clay, brown	27- 93	66
Gravel, medium to fine, red-brown; coarse to fine sand (riverbed)	0- 1	1	WH 11 th. 414429N0724404.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 60 ft. Depth to water 2 ft.			Clay and gravel	93-119	26
Silt, clayey, red-brown; little fine gravel; trace fine sand	1- 5	4	Topsoil	0- 1	1	Hardpan	119-135	16
Silt, clayey, red-brown	5- 12	7	Silt, red-brown; little fine sand; trace of fine gravel	1- 4	3	Rock	135-146	11
Silt, clayey, red-brown; trace of fine gravel; fine sand	12- 17	5	Sand, coarse to fine, red-brown, and medium fine gravel; trace of silt	4- 10	6	WF 2 th. 414234N0723843.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 12 ft. Depth to water 7 ft. Log by Giles Drilling Corp.		
Sand, coarse to fine, red-brown; some medium to fine gravel; little silt; trace clay	17- 22	5	Sand, fine, red-brown; trace of silt	10- 11	1	Sand, fine, brown	0- 12	12
Silt, red-brown; some fine gravel; little fine sand; trace of clay	22- 25	3	Silt, red-brown; little fine sand; trace of clay	11- 13	2	Sand, fine to medium, brown	12- 43	31
Till, glacial, red-brown (sandy with boulders)	25- 39	14	Till, glacial, red-brown (silty with boulders)	13- 20	7	Clay, brown	43- 69	26
Shale, red-brown (seamy)	39- 44	5	Shale, gray (seamy)	20- 25	5	Clay, silty	69- 73	4
WH 7 th. 414453N0724406.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 62 ft. Depth to water 1 ft.			WH 12 th. 414506N0724410.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 66 ft. Depth to water 1 ft.			Clay and gravel, brown	73- 92	19
Topsoil	0- 1	1	Topsoil	0- 1	1	Rock	92- 97	5
Silt, red-brown; some fine sand; trace clay	1- 3	2	Silt, red-brown; little fine sand; trace of medium fine gravel	1- 3	2	WF 3 th. 414310N0724045.1. Conn. Dept. of Transportation. Drilled 1941. Altitude 53 ft.		
Sand, coarse to fine, red-brown; some fine gravel; trace silt	3- 6	3	Silt, red-brown; little fine gravel; trace of fine sand and clay	3- 7	4	Loam and clay	0- 2	2
Till, glacial, red-brown (sandy with boulders)	6- 16	10	Silt, clayey, red-brown	7- 15	8	Clay	2- 34	32
Shale, red-brown	16- 21	5	Silt, red-brown; trace of fine gravel; fine sand and clay	15- 20	5	Gravel, sand and clay	34- 58	24
WH 8 th. 414459N0724406.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 84 ft. Depth to water 4 ft.			Silt, red-brown; little fine sand; trace of clay	20- 25	5	Brownstone	58- 64	6
Topsoil	0- 1	1	Silt, red-brown, and fine sand; trace of fine gravel and clay	25- 28	3	WF 4 th. 414342N0723956.1. Conn. Dept. of Transportation. Drilled 1941. Altitude 16 ft.		
Sand, fine, and red-brown silt; little clay; trace of fine gravel	1- 4	3	Silt, red-brown; trace of fine sand and clay	28- 32	4	Loam and clay	0- 2	2
Sand, fine; some coarse to fine gravel; little silt	4- 7	3	Till, glacial, red-brown (silty with shale fragments)	32- 36	4	Hardpan	2- 6	4
Silt and clay, varved, red-brown; trace of fine sand; fine gravel	7- 14	7	Refusal	at 36		Shale, soft	6- 11	5
Silt, red-brown; some varved clay; little fine sand and woodchips	14- 18	4	WH 13 th. 414457N0724307.1. Conn. Dept. of Transportation. Drilled 1962. Altitude 45 ft. Depth to water 6 ft.			Brownstone, hard	11- 16	5
Silt, dark brown; trace organic, gray silt; fine sand and clay	18- 23	5	Sand, fine to coarse, brown, and silt; trace of clay (few roots); trace of topsoil	0- 10	10	WF 6 th. 414334N0724007.1. Conn. Dept. of Transportation. Drilled 1941. Altitude 32 ft.		
Till, glacial, red-brown	23- 30	7	Silt and clay, brown-gray; trace fine, brown sand (varved)	10- 15	5	Loam, sand and clay	0- 5	5
Shale, sandy, fractured, red	30- 35	5	Clay and silt, varved, red-brown	15- 50	35	Clay	5- 8	3
WH 9 th. 414458N0724319.1. Conn. Dept. of Transportation. Drilled 1961. Altitude 74 ft. Depth to water 28 ft.			Silt, red-brown	50- 74	24	Shale and clay	8- 12	4
Topsoil	0- 1	1	Silt, red-brown	74- 96	22	Brownstone	12- 19	7
Sand, fine, and brown silt; trace coarse sand	1- 3	2	Sand, fine, red, and silt	96-108	12	WF 7 th. 414337N0724002.1. Conn. Dept. of Transportation. Drilled 1941. Altitude 37 ft.		
Silt, gray-brown; little varved clay and fine sand	3- 8	5	Sand, fine to coarse, red-brown, and silt; some fine to coarse gravel; shale fragments (till)	108-110	2	Loam	0- 1	1
Silt, gray-brown; little clay and fine sand, varved	8- 17	9	WH 14 th. 414349N0724333.1. Conn. Dept. of Transportation. Drilled 1958. Altitude 69 ft.			Clay	1- 18	17
Silt and clay, varved, gray-brown	17- 47	30	Fill, cinder	0- 5	5	Shale and clay	18- 25	7
Till, glacial, brown (sandy)	47- 76	29	Sand, fine, red; silt; little coarse sand; trace clay	5- 10	5	Brownstone	25- 32	7
Shale, fractured, red-brown	76- 81	5	Clay and silt, gray-brown	10- 16	6	WF 8 th. 414111N0723903.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 25 ft. Depth to water 2 ft.		
			Clay, varved, red-brown	16- 54	38	Topsoil	0- 1	1
			Silt, red-brown; some fine, medium gravel; trace clay; little coarse to fine, very fine sand (till)	54- 60	6	Gravel, coarse to fine, and fine, red-brown sand; some clayey silt	1- 8	7
			Rock, red (shale)	60- 68	8	Silt, clayey, red-brown; some to trace coarse to fine sand	8- 24	16
						Clay, silty, red-brown; trace medium to fine sand varved with clay and silt; some coarse to fine sand	24- 28	4
						Silt, clayey, red-brown; trace coarse to fine sand varved with silt and clay	28- 34	6
						Gravel, coarse to fine, red-brown; some coarse to fine sand; some silt and clay	34- 37	3
						Silt, clayey, red-brown; some coarse to fine gravel; some coarse to fine sand	37- 42	5
						Rock	42- 52	10

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Wethersfield--Continued											
WF 9 th. 414114N0723901.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 26 ft.			WF 17 th. 414213N0723859.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 28 ft. Depth to water 5 ft. Log by Engineering Services, Inc. (Formerly WF 93)			W 9 th. 414833N0723946.1. Conn. Dept. of Transportation. Drilled 1953. Altitude 79 ft. (Formerly W 109)					
Sand, coarse to fine, brown; some coarse to fine silt	0- 2	2	Sand, fine to coarse, trace silt . . .	0- 19	19	Sand	0- 6	6			
Silt, clayey, red-brown; trace coarse to fine sand; trace fine gravel varved with clay and silt	2- 12	10	Boulder	19- 21	2	Clay, varved, gray	6- 16	10			
Clay and silt, red-brown; trace medium to fine sand	12- 18	6	Rock	21- 30	9	Clay, varved, red	16- 26	10			
Silt, clayey, red-brown; trace coarse to fine sand varved with clay and silt; trace fine sand	18- 31	13				Gravel, sand, silt, clay (hardpan) . . .	26- 34	8			
Sand, coarse to fine; some clayey silt; little medium to fine gravel	31- 35	4	WF 18 th. 414240N0723839.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 13 ft. Depth to water 9 ft. Log by Giles Drilling Co. (Formerly WF 94)			Rock	at 34				
Rock	35- 42	7	Sand, fine, brown	0- 24	24	W 10 th. 414906N0723954.1. Conn. Dept. of Transportation. Drilled 1953. Altitude 87 ft. (Formerly W 110)					
			Sand, medium, brown, trace of gravel . .	24- 35	11	Sand, medium, brown	0- 12	12			
			Clay, brown	35- 93	59	Clay, varved, gray	12- 46	34			
			Sand and gravel, brown	93-106	13	Clay, varved, red	46- 97	51			
			Hardpan and boulders	106-112	6	Hardpan	97-110	13			
			Rock	112-122	10	Rock	at 110				
WF 10 th. 414153N0723840.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 15 ft. Depth to water 3 ft.			Town of Windsor			W 11 th. 414940N0723957.1. Conn. Dept. of Transportation. Drilled 1953. Altitude 88 ft. (Formerly W 111)					
Topsoil and loam	0- 2	2	W 1 th. 414851N0723850.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 25 ft.			Sand, silt and clay	0- 9	9			
Sand, coarse to fine, brown; trace coarse silt	2- 20	18	Topsoil, silty	0- 6	6	Clay, varved, gray	9- 52	43			
Clay, silty, brown; trace fine sand varved with silt and clay; trace fine sand	20- 48	28	Silt; trace sand	6- 12	6	Clay, varved, red	52- 86	34			
Clay and silt, red-brown, trace fine sand varved with clayey silt; trace fine sand	48- 53	5	Sand, fine; little silt	12- 18	6	Sand, red, silt, clay (hardpan) . . .	86- 98	12			
Clay, silty, red-brown; trace fine sand varved with clayey silt; trace fine sand	53- 63	10	Hardpan, sandy; rock fragments . . .	18- 20	2	Rock	at 98				
Silt, clayey, red-brown; trace medium to fine sand	63- 69	6	Stone or siltstone	20- 25	5						
Clay, silty, red-brown; trace coarse to fine sand varved with clayey silt; little coarse to fine sand; little medium to fine gravel	69- 74	5	W 2 th. 414847N0723842.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 0 ft. Depth to water 0 ft.			Sand, silt, clay	0- 23	23			
Silt, clayey, red-brown; some coarse to fine sand; some medium to fine gravel	74- 79	5	Water	0- 4	4	Clay, varved, gray	23- 35	12			
Gravel, medium to fine, red-brown; some coarse to fine sand; little clayey silt	79- 84	5	Sand, coarse to medium	4- 9	5	Clay, varved, red	35- 55	20			
Silt, clayey, red-brown; some coarse to fine sand; some medium to fine gravel	84- 92	8	Clay and silt	9- 56	47	Gravel, red, sand, silt	55- 58	3			
Gravel, medium to fine, red-brown; coarse to fine sand; little clayey silt	92- 96	4	Rock	at 56		Hardpan	58- 61	3			
Shale, sandy	96-108	12	W 3 th. 414905N0723926.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 55 ft. Depth to water 7 ft.			W 13 th. 415108N0723953.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 120 ft. (Formerly W 114)					
WF 11 th. 414105N0723905.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 12 ft. Depth to water 1 ft.			Sand, medium to fine	0- 5	5	Sand, silt, and clay	0- 22	22			
Silt, clayey, and coarse to fine, red-brown sand; trace medium to fine gravel	0- 7	7	Sand, fine; some silt	5- 10	5	Clay, varved, red	22- 29	7			
Silt, clayey, and coarse to fine, red-brown sand; some medium to fine gravel layered with silty clay; trace fine sand	7- 19	12	Clay and silt; little gravel-clay . . .	10- 23	13	Hardpan	29- 55	26			
Silt, clayey, red-brown; trace coarse to fine sand layered with silty clay; trace fine sand	19- 31	12	Hardpan	23- 28	5	Rock	at 55				
Gravel, coarse to fine, brown; little coarse to fine sand; trace clayey silt . .	31- 48	17	Shale, hard								
Hardpan	48- 50	2	W 4 th. 415400N0724047.1. Conn. Dept. of Transportation. Drilled 1949. Altitude 51 ft.			Sand, coarse, brown	0- 13	13			
WF 12 th. 414131N0723851.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 8 ft. Depth to water 0 ft.			Topsoil	0- 1	1	Sand, brown, and very dense silt . . .	13- 23	10			
Silt, organic, dark gray; roots	0- 2	2	Silt, gravel, clay	1- 4	3	Clay, silt and sand, layered	23- 53	30			
Silt, clayey, red-brown; trace roots; coarse to fine sand, and clayey, red-brown silt; little medium to fine gravel	2- 6	4	Cobbles, gravel, sand, silt	4- 10	6	Hardpan	53- 58	5			
Gravel, coarse to fine, red-brown, and coarse to fine sand; trace to little clayey silt	6- 21	15	Gravel, red; sand, cobbles, clay, silt .	10- 16	6						
Shale rock, brown	21- 31	10	Sand, medium	16- 24	8	W 15 th. 415226N0723947.1. Conn. Dept. of Transportation. Drilled 1953. Altitude 88 ft. (Formerly W 116)					
WF 13 th. 414333N0723917.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 4 ft. Depth to water 1 ft.			Sand, coarse	24- 29	5	Sand, fine	0- 12	12			
Sand, fine, and silt	0- 19	19	Cobbles, brownstone chips, clay hardpan	29- 33	4	Clay, varved, red	12- 15	3			
Shale, red	19- 24	5	Rock	33- 43	10	Gravel, sand, silt and clay	15- 34	19			
WF 14 th. 414251N0723855.1. Conn. Dept. of Transportation. Drilled 1960. Altitude 26 ft. Depth to water 17 ft.			W 5 th. 414851N0723858.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 35 ft.			Rock	at 34				
Topsoil	0- 1	1	Silt, gray-brown; trace fine sand and clinders	0- 3	3						
Sand, medium to fine, light brown; trace fine silt	1- 9	8	Silt, very compact, red-brown; trace of shale	3- 7	4	W 16 th. 414849N0723851.1. Conn. Dept. of Transportation. Drilled: date unknown. Altitude 20 ft. (Formerly W 177)					
Sand, coarse to fine, brown; trace silt; trace fine gravel	9- 23	14	Shale, soft, red; few layers fine siltstone	7- 17	10	Silt, dark brown, and fine sand . . .	0- 2	2			
Sand, medium to fine, brown; trace silt; trace fine gravel	23- 35	12	W 6 th. 414848N0723847.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 3 ft. Depth to water 0 ft.			Silt, coarse	2- 7	5			
Sand, coarse to fine, red-brown, and coarse to fine sand; trace to little clayey silt	6- 21	15	Water	0- 5	5	Sand, fine, brown and gray	7- 9	2			
Shale rock, brown	21- 31	10	Sand, fine to coarse, loose, gray; trace of silt and gravel	5- 18	13	Silt, coarse, brown and gray, and fine sand	9- 12	3			
WF 15 th. 415111N0723726.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 0 ft. Depth to water 0 ft. (Formerly W 117)			Silt and clay, soft, red-brown	18- 23	5	Sand, fine to coarse, brown; little fine gravel	12- 18	6			
Sand	0- 8	8	Silt, medium compact, red-brown; some sand and gravel	23- 31	8	Silt, red-brown, little sand and gravel, rock fragments	18- 22	4			
Clay	8- 25	17	Siltstone, sandstone and shale, interbedded, soft, red, moderately fractured	31- 41	10	Shale and sandstone, interbedded, red and gray	22- 32	10			
Clay, red	25- 51	26	W 7 th. 414820N0723931.1. Conn. Dept. of Transportation. Drilled 1940. Altitude 23 ft.								
WF 16 th. 415150N0723717.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 2 ft. Depth to water 0 ft. (Formerly W 119)			Gravel and clay	0- 9	9	W 17 th. 415111N0723726.1. U.S. Army Corps of Engineers. Drilled: date unknown. Altitude 2 ft. Depth to water 0 ft. (Formerly W 119)					
Sand	0- 9	9	Ledge	9- 15	6	Sand and clay	7- 20	13			
Sand, fine	20- 26	6	W 8 th. 415504N0724108.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 94 ft. Depth to water 3 ft.			Sand, fine	at 26				
Rock	at 26		Sand, fine, brown	0- 12	12						
			Sand, fine, brown; little silt	12- 22	10						
			Sand, medium to coarse	22- 27	5						
			Boulders	27- 32	5						
			Sand, medium, trace clay	32- 42	10						
			Till, glacial, red-brown; small boulders	42- 69	27						
			Siltstone, red	69- 74	5						

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
<u>Town of Windsor--Continued</u>								
W 21 th. 415251N0724326.1. Combustion Engineering, Inc. Drilled 1955. Altitude 170 ft. Depth to water 7 ft. Log by Raymond Concrete Pile Co. (Formerly W 136)			W 28 th. 415332N0724316.1. Combustion Engineering, Inc. Drilled 1956. Altitude 135 ft. Depth to water 7 ft. Log by Raymond Concrete Pile Co. (Formerly W 168)			W 35 th. 415457N0724030.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 158 ft. (Formerly WL 34)		
Sand, medium	0- 32	32	Sand, loamy	0- 2	2	Sand, medium to coarse	0- 11	11
Sand, fine	32- 40	8	Sand, fine, gravel and boulders	2- 5	3	Sand, fine	11- 16	5
Sand, scattered gravel	40- 48	8	Sand, fine, and strata of clay	5- 30	25	Sand, coarse	16- 26	10
Sand, fine, brown, scattered sharp gravel	48- 55	7	Sand, fine, very compact; gravel and little clay	30- 40	10	Sand, fine, silt	26- 36	10
Sand, brown, and sharp gravel	55- 65	10	Refusal	at 40		Sand, fine, trace clay	36- 76	40
Sand, fine, gray	65- 73	8				Sand, fine, trace silt	76- 82	6
Sand, silty	73- 81	8	W 29 th. 415353N0723824.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 98 ft. (Formerly W 187)			Sand, fine, trace silt	82-100	18
Sand, fine, and sharp gravel	81- 89	8	Sand, medium to fine; little to some coarse to fine silt	0- 18	18	Sand, fine, trace clay	100-107	7
Sand, fine, silty	89- 93	4	Silt and clay, gray, varved	18- 58	40	Sand, fine	107-120	13
Refusal	at 93		Clay, silty, and rock fragments; coarse to fine sand; some clay silt; some medium to fine gravel	58- 66	8	Sand, fine, and silt	120-131	11
			Siltstone, brown	66- 71	5	Sand, coarse, and gravel	131-136	5
W 22 th. 415255N0724319.1. Combustion Engineering, Inc. Drilled 1955. Altitude 170 ft. Depth to water 2 ft. Log by R. E. Chapman Co. (Formerly W 142)						Siltstone, red	136-147	11
Sand, medium	0- 38	38	W 30 th. 415341N0723835.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 123 ft. Depth to water 30 ft. (Formerly W 186)			<u>Town of Windsor Locks</u>		
Sand, fine, gray	38- 63	25	Sand, medium to fine, trace coarse to fine silt	0- 44	44	WL 2 th. 415627N0724028.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 165 ft. Log by R. E. Chapman Co.		
Sand, fine, and scattered gravel	63- 66	3	Silt and clay, gray, varved	44-100	56	Sand, fine	0- 13	13
Sand, fine	66- 68	2	Silt, clayey; some fine sand	100-106	6	Clay and gravel	13- 20	7
			Silt, clayey; some fine sand; little fine gravel	106-116	10	Sand, fine	20- 26	6
W 23 th. 415315N0724249.1. Combustion Engineering, Inc. Drilled 1956. Altitude 181 ft. Depth to water 22 ft. Log by Raymond Concrete Pile Co. (Formerly W 144)			Siltstone, brown	116-121	5	Refusal	at 26	
Sand, loamy	0- 2	2				WL 3 th. 415628N0724035.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 170 ft. Log by R. E. Chapman Co.		
Sand, medium, hard, and some gravel	2- 21	19	W 31 th. 415327N0723856.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 135 ft. Depth to water 27 ft. (Formerly W 185)			Sand, medium	0- 13	13
Sand, medium, hard, red; gravel; trace of clay	21- 26	5	Sand, coarse to fine; trace fine gravel Silt and clay, varved	0- 5	5	Clay	13- 33	20
Sand, medium, hard, red, and some gravel	26- 34	8	Sand, coarse to fine; trace fine gravel Silt, clayey; some fine sand	5- 8	3	Refusal	33- 39	6
Sand, coarse, hard, and gravel	34- 36	2	Sand, medium to fine, trace silt	8- 17	9			
Sand, fine, hard, and little mica	36- 40	4	Sand, fine; little silt	17- 38	21			
Sand, fine, hard, trace of clay and little mica	40- 45	5	Sand, medium to fine	38- 53	15	WL 4 th. 415629N0724038.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 170 ft. Log by R. E. Chapman Co.		
Sand, fine, and little mica	45- 76	31	Silt, gray; little fine sand varved with silty clay in layers	53- 62	9	Sand, fine	0- 11	11
Sand, medium, very compact, gravel, boulders, and trace of clay	76- 80	4	Silt, brown; trace fine sand varved with silty clay	62-100	38	Silt and clay	11- 48	37
Refusal	at 80		Sand, medium to fine, clayey; some medium to fine gravel; little silt	100-130	30	Gravel, medium	48- 53	5
W 24 th. 415319N0724245.1. Combustion Engineering, Inc. Drilled 1956. Altitude 174 ft. Depth to water 20 ft. Log by Raymond Concrete Pile Co. (Formerly W 145)			Siltstone, brown	130-138	8	Refusal	at 53	
Sand, loamy	0- 2	2				WL 5 th. 415541N0724134.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 110 ft. Depth to water 23 ft. Log by R. E. Chapman Co.		
Sand, coarse, hard, some gravel	2- 8	6	W 32 th. 415257N0723934.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 22 ft. Depth to water 7 ft. (Formerly W 184)			Sand, fine	0- 11	11
Sand, medium, hard, red, gravel and little clay	8- 16	8	Loam, sandy	0- 2	2	Silt and clay	11- 48	37
Sand, medium, compact, gravel and trace of clay	16- 34	18	Silt; some fine sand	2- 26	24	Gravel, packed	48- 53	5
Sand, medium, very compact, gravel	34- 40	6	Silt, gray, irregularly varved with silty clay	26- 38	12	Refusal	at 53	
Sand, coarse, very compact, gravel and boulders	40- 50	10	Silt, clayey, red-brown, with irregular varves of silty, red-brown clay	38- 53	15			
Refusal	at 50		Silt, red-brown; trace of fine gravel	53- 75	22	WL 6 th. 415526N0724029.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 130 ft. Depth to water 14.5 ft. Log by R. E. Chapman Co.		
W 25 th. 415313N0724241.1. Combustion Engineering, Inc. Drilled 1956. Altitude 158 ft. Depth to water 10 ft. Log by Raymond Concrete Pile Co. (Formerly W 153)			Gravel, medium to fine; some silt; little coarse to fine sand	75- 80	5	Sand, medium	0- 24	24
Sand, fine, loamy, yellow	0- 2	2	Silt, red-brown; little fine gravel; trace coarse to fine sand	80- 89	9	Silt and clay	24- 63	39
Sand, fine, loose	2- 10	8	Sand, medium to fine; trace silt	89- 99	10	Gravel, packed	63- 77	14
Sand, fine, loose, little clay and mica	10- 32	22	Silt; some coarse to fine sand; little to some fine gravel	99-116	15	Refusal	at 77	
Sand, coarse, loose	32- 46	14	Siltstone, brown	116-126	10			
Sand, coarse to medium, compact, red; gravel and boulders	46- 73	27	W 33 th. 415256N0723936.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 11 ft. Depth to water 0 ft.			WL 7 th. 415645N0724117.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 155 ft. Log by R. E. Chapman Co.		
Refusal	at 73		Water	0- 9	9	Clay	0- 45	45
			Gravel, coarse to fine, and coarse to fine sand; little coarse to fine silt	9- 14	5	WL 8 th. 415552N0724128.1. Conn. Dept. of Transportation. Drilled 1957. Altitude 166 ft. Depth to water 44 ft.		
W 26 th. 415310N0724247.1. Combustion Engineering, Inc. Drilled 1956. Altitude 167 ft. Depth to water 16 ft. Log by Raymond Concrete Pile Co. (Formerly W 152)			Silt and clay	14- 38	24	Sand, medium to fine, yellow	0- 7	7
Sand, medium, roots	0- 4	4	Silt, clayey; little coarse to fine sand; little to some fine gravel	38- 59	21	Sand, fine, yellow-brown	7- 22	15
Sand, medium; gravel	4- 8	4	Sand, coarse to fine, and medium to fine gravel; little clayey silt	59- 64	5	Sand, fine, brown; trace silt	22- 37	15
Sand, fine, brown	8- 20	12	Silt, clayey; some coarse to fine sand; some medium to fine gravel	64- 76	12	Sand, fine, brown; some silt	37- 62	25
Sand, very fine	20- 22	2	Siltstone, brown	76- 81	5	Sand, fine, brown, and silt; trace clay Silt, red-brown, with clay varves	62- 68	6
Sand, medium	22- 25	3				Hardpan, red	68- 79	11
Sand, fine to medium, and little mica	25- 31	6	W 34 th. 415417N0723915.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 146 ft. (Formerly WL 32)			Siltstone, red	79- 85	6
Sand, coarse	31- 46	15	Sand, fine	0- 7	7		85-105	20
Sand, coarse, and gravel	46- 49	3	Sand, fine, some silt	7- 12	5	WL 10 th. 415457N0723735.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 32 ft. Depth to water 14 ft.		
Sand, medium, and little mica	49- 54	5	Sand, fine	12- 17	5	Sand, fine; little silt	0- 3	3
Sand, fine, and little mica	54- 71	17	Sand, coarse to medium	17- 27	10	Silt and clay, varved	3- 36	33
Sand, medium, and gravel	71- 75	4	Sand, fine, and silt	27- 72	45	Silt, clay; some fine to medium gravel; some sand	36- 46	10
Sand and gravel, very compact	75- 76	1	Sand, fine	72- 82	10	Rock	46- 51	5
Refusal	at 76		Sand, fine; some silt	82-102	20			
W 27 th. 415317N0724251.1. Combustion Engineering, Inc. Drilled 1956. Altitude 183 ft. Depth to water 32 ft. Log by Raymond Concrete Pile Co. (Formerly W 158)			Sand and silt	102-107	5	WL 11 th. 415459N0723728.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 8 ft. Depth to water 0 ft.		
Topsoil	0- 2	2	Silt and clay	107-112	5	Water	0- 7	7
Sand, coarse	2- 8	6	Clay, varved	112-117	5	Sand, coarse, gray and red; gravel	7- 11	4
Sand, medium	8- 12	4	Sand, fine, and clay	117-141	24	Silt and clay (plastic)	11- 19	8
Sand, fine, and gravel	12- 25	13	Clay, some sand	141-146	5	Silt and clay, soft, with some coarse gravel	19- 24	5
Sand, medium, red	25- 30	5	Clay; some fine sand	146-151	5	Silt and clay; some sand; some gravel (plastic)	24- 32	8
Sand, fine, and little mica	30- 50	20	Till, glacial, red-brown	151-155	4	Rock	32- 37	5
Sand, medium, little mica	50- 55	5				WL 12 th. 415510N0724124.2. Hamilton Standard Div. United Aircraft. Drilled 1951. Altitude 120 ft. Depth to water 12 ft.		
Sand, fine, and little mica	55- 66	11				Sand	0- 31	31
Sand, fine, red; gravel	66- 70	4				Sand, fine	31- 50	19
Sand, fine	70- 76	6				Clay	50- 51	1
Sand, fine, and gravel	76- 91	15						
Refusal	at 91							

Table 3.--Logs of selected test holes--Continued

	Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)		Depth (feet)	Thick- ness (feet)
Town of Windsor Locks--Continued								
WL 13 th. 415510N0724120.2. Hamilton Standard Div. United Aircraft. Drilled 1951. Altitude 105 ft. Depth to water 12 ft.			WL 18 th. 415513N0724120.2. Hamilton Standard Div. United Aircraft. Drilled: date unknown. Altitude 105 ft.			WL 23 th. 415630N0724043.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 165 ft. Log by R. E. Chapman Co. (Formerly WL 23)		
Sand	0- 28	28	Sand	0- 32	32	Silt, fine	0- 11	11
Sand, fine	28- 34	6	Sand, fine	32- 50	18	Clay	11- 58	47
Sand and silt	34- 51	17	Clay	50- 88	38	Refusal	at 58	
Clay	51- 78	27	Hardpan	at 88				
Hardpan	at 78					WL 24 th. 415638N0724110.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 160 ft. Log by R. E. Chapman Co. (Formerly WL 24)		
WL 14 th. 415418N0723918.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 149 ft. (Formerly WL 33)			WL 19 th. 415530N0724015.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 162 ft. Log by R. E. Chapman Co. (Formerly WL 25)			WL 25 th. 415549N0723923.1. Conn. Board of Fisheries and Game. Drilled: date unknown. Altitude 105 ft. Log by R. E. Chapman Co.		
Sand, fine; some fine gravel	0- 6	6	Sand, medium and coarse	0- 60	60	Sand, fine	0- 11	11
Sand, fine, and silt	6- 11	5	Sand, fine, grayish, and silt	60- 95	35	Silt and clay	11- 44	33
Sand, coarse to medium	11- 21	10	Silt, gray, with beds of brown clay	95-124	29	Refusal	at 44	
Sand, fine, trace silt	21- 41	20	Refusal and few pebbles	at 124				
Sand, coarse; little silt	41- 46	5	WL 20 th. 415540N0724016.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 165 ft. Log by R. E. Chapman Co.			WL 26 th. 415439N0723921.1. Conn. Water Co. Drilled 1957. Altitude 150 ft. Depth to water 26 ft. Log by S. B. Church Co.		
Sand, fine; trace silt	46- 61	15	Sand, medium and coarse	0- 60	60	Sand, coarse	0- 30	30
Sand, fine, and silt	61-101	40	Sand, fine, grayish, and silt	60- 90	30	Sand, fine, clean	30- 63	33
Sand, fine, and silt; trace clay	101-111	10	Clay, banded, brown	90-101	11	Clay	63- 83	20
Silt and clay	111-116	5	Clay, reddish, and small pieces of shale					
Sand, fine, and clay; trace silt	116-121	5	grit	101-114	13	WL 27 th. 415443N0723902.1. Conn. Water Co. Drilled 1957. Altitude 150 ft. Depth to water 27 ft. Log by S. B. Church Co.		
Sand, fine, and varved clay	121-126	5	Refusal	at 114		Sand, coarse	0- 20	20
Till, glacial	126-132	6				Sand, fine, clean	20- 40	20
Siltstone, red	132-137	5				Sand, fine; silt; traces of clay	40-105	65
WL 15 th. 415414N0723807.1. Conn. Dept. of Transportation. Drilled 1956. Altitude 83 ft. Depth to water 9 ft. (Formerly WL 31)			WL 21 th. 415536N0724059.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 140 ft. Depth to water 10 ft. Log by R. E. Chapman Co. (Formerly WL 21)			WL 28 th. 415442N0723909.1. Conn. Water Co. Drilled 1957. Altitude 150 ft. Depth to water 27 ft. Log by S. B. Church Co.		
Topsoil	0- 1	1	Silt and clay	0- 52	52	Sand, coarse, yellow	0- 25	25
Sand, coarse to fine, little fine gravel	1- 5	4	Clay and gravel	52- 58	6	Sand, medium coarse, clean	25- 60	35
Sand, medium to fine	5- 16	11	Refusal	at 58		Sand, fine; silt; traces of clay	60-100	40
Silt and clay, varved	16- 41	25	WL 22 th. 415549N0724138.1. Conn. Dept. of Aeronautics. Drilled 1958. Altitude 130 ft. Log by R. E. Chapman Co. (Formerly WL 22)			Clay	100-105	5
Sand, coarse to fine, clayey, and medium to fine gravel; little silt	41- 50	9	Silt	0- 24	24			
Siltstone, brown	50- 55	5	Clay	24- 70	46			
WL 16 th. 415536N0724109.2. Hamilton Standard Div. United Aircraft. Drilled: date unknown. Altitude 160 ft. Log by S. B. Church Co.			Sand, fine	70- 84	14			
Sand, dead	0- 70	70	Refusal	at 84				
Clay	70- 85	15						
Gravel	85-100	15						
Hardpan	100-115	15						
Rock	at 115							

Table 4.--Records of pumping tests of wells

Town of Cromwell

CR 307. Cromwell Fire District, Water Department, production well number 1, Gardner property. Drilled well screened in coarse-grained stratified drift, about 350 feet west of the Connecticut River. Test pumping conducted by Water Exploration and Development Corp. and Camp, Dresser, and McKee, consulting engineers for 71.3 hours from 1102 EST, 12-1-69 to 1022 EST, 12-4-69, at a constant discharge of 901 gpm with a maximum drawdown in the pumping well of 10.37 feet. Water levels were measured by steel tape and automatic recorder in well CR 299, 336 feet east of well CR 307 and about 15 feet west of the Connecticut River. Water levels are given in feet below land surface, and are affected by tidal-stage changes of the Connecticut River. See plate A for well locations, table 1 for well-construction characteristics, and table 2 for log of well CR 299.

Time before pumping started (minutes)	Water level in well CR 299 (ft)
62	5.89
53	5.91
43	5.93
23	5.98

Time after pumping started (minutes)	
0.00	6.02
.25	6.06
.50	6.14
1.0	6.29
1.5	6.39
2.0	6.49
2.5	6.55
3.0	6.62
3.5	6.67
4.0	6.72
5.0	6.78
6.0	6.84
7.0	6.89
8.0	6.92
10	6.98
12	7.02
15	7.05
20	7.09
25	7.11
30	7.13
35	7.15
40	7.17
60	7.21
75	7.25
90	7.28
105	7.30
120	7.33
150	7.36
180	7.38
210	7.36
240	7.27
270	7.09
300	6.91
330	6.77
360	6.33
420	6.41
480	5.18
540	6.42
600	6.54
660	6.68
720	6.83
780	7.01
840	7.16
900	7.29
1,440	7.33
1,680	7.59
1,920	6.44
2,160	6.56
2,400	6.99
2,640	6.56
2,880	6.72
3,240	7.21
3,600	6.78
3,960	7.35
4,140	6.67

Time after pumping stopped (minutes)	
0.00	6.65
.25	6.58
.50	6.50
.75	6.44
1.0	6.38
1.5	6.29
2.0	6.21
2.5	6.14
3.0	6.08
4.0	5.99
5.0	5.92
6.0	5.87
7.0	5.83
8.0	5.79
10	5.75
12	5.72
15	5.69
20	5.68
30	5.66

Town of East Windsor

EW 90. Connecticut Water Co., production well number 4, Hunt property. Drilled well screened in coarse-grained stratified drift. Test pumping conducted by Layne-New England Co., and Geraghty and Miller, Consulting Ground-Water Geologists for 50.25 hours from 0845 EST, 5-21-68 to 1100 EST, 5-23-68 at a nearly constant discharge of 702 gpm with a maximum drawdown in the pumping well of 14.02 feet. Water levels were measured by steel tape and automatic recorder in well EW 89, 185 feet south of well EW 90. Water levels are given in feet below land surface. See plate A for well locations, table 1 for well-construction characteristics and table 2 for logs of wells EW 89 and EW 90.

Time before pumping started (minutes)	Water level in well EW 89 (ft)
2,230	3.65
2,216	3.65
30	3.74
24	3.74
18	3.74
14	3.74
5.0	3.74

Time after pumping started (minutes)	
0.50	3.97
1.0	4.01
1.5	4.04
2.0	4.05
2.5	4.06
3.0	4.07
4.0	4.08
5.0	4.09
6.0	4.10
7.0	4.11
8.0	4.11
10	4.13
12	4.13
15	4.15
20	4.17
25	4.20
30	4.21
35	4.23
40	4.23
45	4.25
50	4.27
60	4.29
75	4.32
90	4.35
105	4.38
120	4.40
150	4.42
180	4.45
210	4.47
240	4.50
270	4.52
300	4.53
330	4.55
360	4.57
420	4.61
480	4.65
540	4.69
600	4.71
660	4.73
720	4.76
780	4.78
840	4.80
960	4.84
1,080	4.88
1,200	4.91
1,320	4.94
1,440	4.99
1,560	5.02
1,680	5.05
1,800	5.07
1,920	5.10
2,040	5.14
2,160	5.17
2,280	5.20
2,400	5.23
2,520	5.25
2,640	5.28
2,760	5.31
2,880	5.33
2,940	5.34
3,000	5.35

Table 4.--Records of pumping tests of wells--Continued

Town of East Windsor--Continued

Time after pumping stopped (minutes)	Water level in well EW 89 (ft)
0.00	5.35
.25	5.31
.50	5.29
.75	5.28
1.0	5.22
1.5	5.18
2.0	5.18
2.5	5.17
3.0	5.16
4.0	5.14
5.0	5.13
6.0	5.12
7.0	5.11
8.0	5.10
10	5.09
12	5.08
15	5.06
20	5.03
25	5.02
30	4.99
35	4.98
40	4.96
45	4.95
50	4.94
60	4.91
75	4.87
90	4.84
105	4.81
120	4.79
150	4.75
180	4.71
210	4.68
240	4.65
270	4.62
300	4.60
330	4.57
360	4.55
420	4.52
480	4.49
540	4.46
600	4.43
660	4.41
720	4.38
780	4.36
840	4.35
960	4.31
1,080	4.28
1,200	4.26
1,320	4.23
1,760	4.02
2,680	4.01
3,000	4.00

Table 5.--Chemical analyses and physical characteristics of water from wells

Well no.	Aquifer a/	Date of collection	Analyzing laboratory b/	Milligrams per liter (mg/l)																	Specific conductance (microhmhos at 25°C)			Temperature (°C)				
				Silica (SiO ₂)	Aluminum (Al)	Copper (Cu)	Zinc (Zn)	Lithium (Li)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Phosphate (PO ₄)	Dissolved solids (residue on evaporation at 180°C)	Hardness as CaCO ₃ Calcium, magnesium	Non-carbonate					
U.S. Public Health Service drinking-water standards (recommended upper limit):				--	--	1.0	5.0	--	0.3	0.05	--	--	--	--	250	250	g/l.3	45	--	500	--	--	--	--	15	--		
Town of Bloomfield																												
BL 19	OD	5-21-53	U	9.4	0.0	0.00	0.00	--	0.11	0.06	12	1.3	8.6	--	40	14	2.1	0.1	3.5	0.5	71	35	2	97	7.4	3	--	
BL 23	OS	6-17-15	U	10	--	--	--	--	1.5	--	95	26	--	--	75	19	24.5	--	--	--	722	387	283	--	--	--	--	
BL 27	OC	5-21-53	U	19	.0	.01	1.3	--	.13	.03	27	3.5	8.0	--	69	30	6.6	.3	4.0	.0	154	82	25	202	7.2	2	12	
BL 31	OC	5-27-53	U	11	.0	.00	.00	--	.40	.03	28	15	7.8	--	112	27	6.8	.0	24	.0	184	132	40	312	7.4	3	9	
BL 32	OS	1-26-54	U	17	--	--	--	0.2	.24	.00	20	6.8	12	1.1	80	26	3.9	.0	12	.0	145	78	14	201	7.8	--	11	
Town of Cromwell																												
CR 289	f/ OS	6-25-65	P	--	--	--	--	--	.00	.07	--	--	74	--	--	280	4.8	--	.14	--	--	310	--	--	--	7.7	--	--
CR 293	OD	1- 5-67	P	--	--	--	--	--	21	.70	--	--	--	--	--	--	7.5	--	6.8	--	132	40	--	--	--	6.5	--	--
CR 294	OD	11-16-66	P	--	--	--	--	--	27	.80	--	--	--	--	--	--	8.6	--	6.3	--	139	41	--	--	--	6.4	--	--
CR 295	OD	11-16-66	P	--	--	--	--	--	32	1.2	--	--	--	--	--	--	6.6	--	6.3	--	157	50	--	--	--	6.4	--	--
CR 296	OD	11-16-66	P	--	--	--	--	--	28	.80	--	--	--	--	--	--	8.4	--	7.2	--	157	44	--	--	--	6.5	--	--
CR 297	OD	11-21-66	P	--	--	--	--	--	22	1.0	--	--	--	--	--	--	--	--	--	--	132	--	--	--	--	--	--	--
CR 299	g/ OD	1- 9-67	P	--	--	--	--	--	.20	.05	--	--	--	--	--	--	--	--	--	--	147	88	--	--	--	8.1	--	--
CR 300	g/ OD	1- 9-67	P	--	--	--	--	--	.10	.05	--	--	--	--	--	34	6.0	--	18	--	91	78	--	--	--	8.3	--	--
CR 301	g/ OD	1-11-67	P	--	--	--	--	--	.25	.05	--	--	--	--	--	8.0	6.0	--	26	--	162	92	--	--	--	7.9	--	--
Town of East Granby																												
EG 7	OS	12- 6-16	U	--	--	--	--	--	.08	--	--	--	4.0	--	105	35	2.0	--	--	--	190	137	51	--	--	--	--	--
Town of East Hartford																												
EH 1	OD	5-18-53	U	14	1.4	.00	.08	--	.03	.13	21	3.9	28	--	3	58	48	.5	7.0	.0	204	68	66	332	5.0	10	14	
EH 37	OD	5-18-53	U	9.3	.0	.00	.01	--	.06	.13	30	5.6	56	--	125	87	18	.3	2.0	.0	285	98	0	442	8.1	15	14	
EH 41	OS	4- 3-54	U	13	.4	--	--	.1	.02	.00	3.9	1.2	3.2	.3	10	13	2.2	.0	.4	.0	43	17	9	48	6.5	3	11	
EH 42	OD	3-26-54	U	9.4	.4	--	--	.8	.25	.02	25	6.6	9.4	8.2	15	50	7.9	.1	63	.0	201	90	77	268	6.2	3	8	
Town of East Windsor																												
EW 6	OD	5-27-53	U	16	.0	.00	.00	--	.20	.10	30	5.7	55	--	187	57	3.9	.2	.3	.1	262	98	0	404	7.8	2	10	
EW 10	OD	5-27-53	U	12	.0	.00	.00	--	.09	.04	22	2.6	65	--	180	53	2.8	.2	.1	.1	249	66	0	385	7.9	2	11	
EW 49	OD	5-27-53	U	9.9	.0	.00	.00	--	.08	.00	21	4.3	29	--	142	12	2.4	.3	.9	.1	163	70	0	261	7.7	2	10	
EW 54	OS	6-18-15	U	--	--	--	--	--	.00	--	--	--	--	--	182	11	6.9	--	--	--	202	142	0	337	--	--	--	
EW 104	OD	2-27-69	P	--	--	--	--	--	.20	.05	--	--	--	--	--	38	12	--	34	--	232	160	--	--	--	--	--	
EW 106	OD	11-15-67	P	--	--	--	--	--	.10	--	--	--	--	--	--	292	12	--	5.4	--	821	486	--	--	--	6.9	--	--
EW 107	OD	4-25-66	P	2.6	--	.10	--	--	.22	.04	46	15	--	--	48	110	.0	.0	--	.0	296	176	138	--	7.5	--	--	
EW 110	OD	7-29-66	P	5.0	--	--	--	--	.10	.20	94	19	--	--	60	200	30	--	--	8.0	456	310	260	--	6.8	--	--	
Town of Ellington																												
EL 28	OC	5-20-53	U	14	.0	.00	.26	--	.09	.03	8.6	2.8	6.9	--	32	18	2.0	.1	.5	.0	69	33	7	90	6.9	5	11	
Town of Enfield																												
EF 84	OD	6-16-66	S	--	--	--	--	--	.10	--	--	--	6.0	--	--	22	10	.1	14	--	--	100	--	--	262	--	--	10
EF 85	OD	8- 5-65	S	--	--	--	--	--	.10	--	--	--	5.0	--	--	--	5.8	.1	9.0	--	--	98	--	--	--	8.1	--	--
EF 86	OD	8- 5-66	S	--	--	--	--	--	--	--	--	--	5.3	--	--	--	7.0	.1	14	--	--	94	--	--	--	8.0	--	--
EF 92	OD	4-28-66	P	.0	--	--	--	--	.05	.01	19	4.4	--	--	45	10	.0	.0	--	9.0	82	66	30	--	7.1	--	--	
Town of Farmington																												
F 9	OS	10-24-54	S	--	--	--	--	--	.10	--	--	--	--	--	183	--	13	--	20	--	--	200	--	--	--	7.0	--	12
Town of Glastonbury																												
GL 46	OC	5-18-53	U	13	.1	.01	.26	--	.06	.03	30	4.0	11	--	69	34	10	.0	12	.0	157	91	35	248	6.9	5	13	
GL 76	OC	3-30-54	U	15	.4	--	--	.0	.39	.01	6.3	1.3	3.6	1.7	26	8.0	.9	.1	.8	.2	58	21	0	64	6.9	3	13	
GL 103	OD	5-26-54	U	9.4	.7	--	--	.2	.06	.00	7.6	1.6	2.8	1.5	17	18	2.2	.0	3.2	.0	52	26	12	71	6.6	5	--	
Town of Hartford																												
H 11	OS	6-10-42	P	--	--	--	--	--	.40	--	--	--	--	--	146	--	14	--	.2	--	1,890	415	--	--	--	7.3	--	15
H 14	OS	3- 3-38	P	--	--	--	--	--	--	--	233	43	121	--	86	836	40	--	.2	--	--	734	--	--	--	--	--	--
H 22	OS	3- 3-38	P	--	--	--	--	--	--	--	285	53	129	--	121	1,029	28	--	.0	--	--	930	835	--	--	--	--	--
Town of Manchester																												
M 46	OD	4- 5-54	U	13	.0	--	--	.2	.14	.00	15	3.0	5.0	1.0	33	27	3.8	.0	3.5	.0	98	50	23	137	6.6	3	9	
M 57	OD	7-20-54	U	15	.0	--	--	.6	.02	.03	35	9.1	8.7	.6	16	57	4.0	.0	86	.0	258	125	112	317	6.3	2	14	
M 58	OD	4- 5-54	U	17	.2	--	--	.1	.21	.01	33	2.7	6.3	.7	90	21	5.0	.1	12	7.9	144	93	20	212	7.9	2	9	
M 60	OS	11- 4-54	U	14	.1	.00	.00	.1	.08	.10	27	10	2.3	.8	80	31	5.6	.1	18	.1	155	109	44	233	7.8	11	13	
M 68	OS	6-16-15	U	--	--	--	--	--	.70	--	--	--	--	--	26	5.3	4.2	--	--	--	99	26	0	160	--	--	--	
M 142	g/ OD	2- 6-67	P	--	--	--	--	--	.10	.05	--	--	--	--	34	24	14	--	.45	--	119	64	37	--	6.4	--	10	

Table 5.--Chemical analyses and physical characteristics of water from wells--Continued

Well no.	Aquifer a/	Date of collection	Analyzing laboratory b/	Milligrams per liter (mg/l)																	Dissolved solids (residue on evaporation at 180°C)		Hardness as CaCO ₃		Specific conductance (micromhos at 25°C)			Temperature (°C)
				Silica (SiO ₂)	Aluminum (Al)	Copper (Cu)	Zinc (Zn)	Lithium (Li)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Phosphate (PO ₄)	Calcium, magnesium	Non-carbonate	pH	Color				
U.S. Public Health Service drinking-water standards (recommended upper limit):				--	--	1.0	5.0	--	0.3	0.05	--	--	g/	--	--	250	250	d/1.3	45	--	500	--	--	--	--	15	--	
N 74	OS	4-21-54	P	--	--	--	--	--	0.10	--	484	Town of Newington 29 g/156		--	107	1,500	12	--	--	--	1,328	1,240	--	7.4	--	--		
P 36	OC	6-2-53	U	12	0.0	0.00	0.00	--	.06	0.02	33	Town of Portland 5.3 g/11		--	100	17	10	0.0	16	0.3	167	104	22	262	7.7	7	11	
P 66	OD	4-18-53	U	11	.1	.03	.00	.1	.06	.00	22	2.0 g/3.8		0.7	68	16	1.8	.0	1.4	.0	119	63	8	147	8.0	6	10	
SO 24	OC	5-26-53	U	3.6	.0	.00	1.1	--	.34	.09	20	Town of Somers 2.6 g/9.6		--	16	39	3.2	.1	.3	.0	110	61	23	175	7.2	2	11	
SO 61	OD	5-26-53	U	12	.0	.00	.00	--	.55	.03	21	3.4 g/9.5		--	17	18	19	.1	34	.0	133	66	53	233	6.0	5	9	
SW 71	OD	7-20-54	U	15	.0	--	--	.5	.02	.00	42	Town of South Windsor 6.6 g/9.1		.6	28	74	3.5	.0	62	.0	259	132	109	324	6.7	2	11	
SW 106	OS	--58	U	--	--	--	--	--	.30	--	--	6.6 g/9.1		.6	72	--	110	--	.01	--	--	580	521	--	--	--	--	
SU 36	OS	12-6-16	U	32	--	--	--	--	.20	--	65	Town of Suffield 17 g/26		--	102	176	5.0	--	.1	--	391	232	148	--	--	--	--	
SU 208	OS	8-31-67	P	15	--	--	--	--	.10	--	353	59 g/239		--	71	1,420	76	--	--	--	1,756	951	--	--	6.8	--	--	
V 8	OC	5-20-53	U	23	.1	.00	1.1	--	.02	.12	20	Town of Vernon 2.6 g/1.7		--	56	10	4.5	.3	2.2	.0	107	61	15	161	7.4	5	11	
V 47	OC	5-20-53	U	11	1.0	1.3	.17	--	1.1	.16	7.0	3.1 g/4.2		--	22	18	6.0	.1	2.4	.0	63	30	12	106	6.3	10	12	
WH 26	OS	6-24-15	U	--	--	--	--	--	1.1	--	54	Town of West Hartford 25		--	156	220	3.8	--	--	--	500	208	110	--	--	--	--	
WF 176	b/ OS	3-13-67	U	22	--	--	--	--	.28	.09	280	Town of Wethersfield 22 g/20		.7	120	747	15	.4	.0	--	1,240	790	691	1,440	7.5	3	12	
WF 177	1/ OS	3-13-67	U	36	--	--	--	--	.30	.07	216	19 g/41		.5	70	776	16	.3	.0	--	1,240	727	670	1,440	7.7	2	12	
WF 177	1/ OS	3-14-67	U	34	--	--	--	--	.18	.12	288	15 g/39		.8	75	766	14	.3	.0	--	1,250	781	719	1,420	7.8	3	12	
WL 2	OS	3-3-59	P	--	--	--	--	--	--	--	--	Town of Windsor Locks --		--	--	77	--	.19	--	1,756	951	--	--	7.7	5	--		
WL 3	OD	4-15-54	U	9.2	.0	--	--	.2	.13	.00	25	6.4 g/8.0		1.5	60	47	3.4	.0	6.0	.0	137	89	40	213	7.8	2	9	
WL 4	OD	4-15-54	U	9.2	.0	--	--	.2	.12	.00	16	5.8 g/3.4		1.3	42	31	3.2	.0	5.5	.0	104	64	29	147	7.3	0	10	
WL 16	OD	7-20-54	U	9.5	.0	--	--	.2	.01	.03	15	6.8 g/2.0		.5	61	13	2.8	.0	5.0	.0	88	65	15	138	7.5	2	11	

a/ OC - noncarbonate crystalline bedrock; OS - sedimentary bedrock; OD - stratified drift.

b/ U - U.S.G.S.; P - private laboratory; S - Connecticut State Department of Health.

c/ Connecticut State Department of Health recommended upper limit: 20 mg/l.

d/ Recommended lower limit - 0.8 mg/l; optimum - 1.0 mg/l.

e/ Sodium (Na) and potassium (K) calculated as sodium (Na).

f/ Detergents as MBAS: 0.13 mg/l.

g/ Detergents as MBAS: 0.10 mg/l.

h/ Boron (B): 1.3 mg/l.

i/ Boron (B): 3.8 mg/l.

j/ Boron (B): 3.3 mg/l.