STATE OF CONNECTICUT

WATER RESOURCES COMMISSION

Hydrogeologic data in the Quinebaug River basin, Connecticut

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INTRODUCTION

This report presents hydrologic and geologic data collected by the U.S. Geological Survey during an investigation of water resources in the Quinebaug River basin of Connecticut in cooperation with the Connecticut Water Resources Commission. The Quinebaug River basin occupies about 425 square miles in the northeastern part of the State, including the towns of Brooklyn, Griswold, Killingly, Plainfield, Pomfret, Putnam, Sterling, and Thompson, and parts of Canterbury, Hampton, Lisbon, North Stonington, Preston, Voluntown, and Woodstock. A companion interpretive report evaluating the water resources of the basin will be published as Connecticut Water Resources Bulletin 8. The data on the following pages serve to document and supplement that report, and should be especially useful in planning the development of water resources at specific localities.

Data were collected as part of this investigation during the period July 1961 through September 1963. Streamflow records from continuous-record gaging stations in the basin have been published annually along with data from other parts of the State in a series of U.S. Geological Survey reports entitled "Surface Water Records of Connecticut." Water-level measurements in wells throughout the State from 1960 through 1964, including those made as part of this investigation, are published in Connecticut Water Resources Bulletin 7. Most other data collected during this investigation are tabulated on the following pages. Included are some well records and chemical analyses of water samples collected prior to July 1961 and not previously published. Analyses of samples from streams in the Massachusetts part of the Quinebaug River basin are given to define the quality of water entering Connecticut.

The locations of sites at which data were collected are shown on plate 1 in the pocket at the back of the report. Plate 1 includes the locations of 87 sites where 1 to 5 miscellaneous measurements of streamflow were made during 1962 and 1963 and 6 other sites where continuous records are maintained. Data for these sites have already been published in "Surface Water Records of Connecticut" and are not repeated here.

The collection and chemical analyses of water samples were chiefly by C. E. Thomas, Jr., assisted by G. J. Canzeri, H. C. Jennings, and W. G. Olmstead. Records of wells and other ground-water data were collected by A. D. Randall, R. L. Melvin, D. H. Underhill, F. A. DeLuca, J. Parkinson, K. E. Johnson, C. E. Shaw, I. G. Grossman, and others. Measurements of stream stage and discharge were made by M. P. Thomas, M. B. Stackpole, and H. R. LaRose.

PRESENTATION OF QUALITY-OF-WATER DATA

All chemical analyses listed in the tables of this report were made by the U.S. Geological Survey at the laboratory in Albany, New York, except where otherwise noted. Samples were analyzed according to the methods regularly used by the Geological Survey. These methods are described in "Methods for Collection and Analysis of Water Samples," U.S. Geological Survey Water-Supply Paper 1454. The spectrographic analyses were made at the Geological Survey laboratory in Denver, Colorado.

Concentrations of silica, iron, manganese, calcium, magnesium, sodium, potassium, bicarbonate, sulfate, chloride, fluoride, nitrate, dissolved solids, ABS, and turbidity are reported in parts per million. ABS refers to alkyl benzene sulfonate, a typical anionic surfactant which is the principal ingredient of "hard" household detergents. The dissolved-solids concentrations shown in the tables of this report represent the residue obtained by evaporating a clear sample of water and drying the residue at 180°C for 1 hour. The hardness of water is reported as parts per million calcium carbonate ($CaCO_3$).

Spectrographic analyses are reported in micrograms per liter (1000 micrograms per liter is equal to 1 part per million).

The physical, chemical, and bacterial quality of drinking water in the United States is now judged in relation to the U.S. Public Health Service Drinking Water Standards of 1962. A statement of the 1962 standards is contained in Public Health Service Publication No. 956. The USPHS standards apply only to drinking water and water-supply systems used by interstate carriers and others subject to Federal Quarantine Regulations. However, these standards have been voluntarily accepted by the American Water Works Association and by most of the State Departments of Public Health as criteria for all public water supplies. The recommended upper limits for the common chemical constituents are shown at the top of the tables of analyses in this report.

For samples collected from streams, the rate of flow at the time of collection and the relation of that flow to average discharge at the site are given with the analysis if such data are available.

WELL- AND SPRING-NUMBERING AND LOCATION SYSTEMS

In Connecticut, each well and test boring inventoried by the U.S. Geological Survey has been numbered in a sequence based on the town in which it is located. A separate sequence of serial numbers beginning with 1 is used in each town, and prefix letters are used to designate the town name. In the tables in this report, wells and borings are arranged alphabetically by town name and in order by serial number within each town. On plate 1, only the serial number appears beside the symbol of the well or test boring it represents; the prefix letters were omitted because town names and boundaries are shown on the map. Springs are numbered similarly, beginning with 1 in each town; the suffix "sp" follows the serial numbers to distinguish them from well or boring numbers.

To aid in locating wells, test borings, and springs on the map, a location system based on latitude and longitude is used. Following the well number in each table is a 13-digit number. The first 6 digits are the degrees, minutes, and seconds of latitude at the site of the well or boring, followed by the letter N to indicate north latitude; the next 6 digits are the degrees, minutes, and seconds of longitude. These digits define a tract of land having dimensions of one second of latitude and longitude, or approximately 100 x 75 feet. The last digit, following the decimal place, indicates whether the well referred to is the 1st, 2nd, 3rd etc. well inventoried within this 1-second rectangle. The use of this system is illustrated in figure 1 for well Gs 71, located just east of Jewett City near the shore of Ashland Pond. A 5-minute grid with 1-minute ticks is printed on plate 1, to provide a basis for scaling the locations of wells and borings.

NUMBERING SYSTEM FOR STATIONS ON STREAMS

Each site along a stream at which measurements of water quantity or quality have been made by the U.S. Geological Survey has been assigned a station number as a means of identification. Station numbers follow in numerical order along any stream, becoming successively larger in a downstream direction; however, they are not consecutive, to allow for new stations that may be established. If a tributary enters between two stations on a larger stream, any stations on the tributary are numbered between the main-stem stations.

Streamflow records and water-quality data pertaining to streams are listed according to station number in downstream order in the tables on the following pages. The order is the same as used in "Surface-Water Records of Connecticut" and in Geological Survey Water-Supply Papers containing data for stations in the Quinebaug basin. To further aid the reader in finding sites, the station number and stream name are followed by the name of the nearest community and (in parenthesis) the town wherein the site is located.

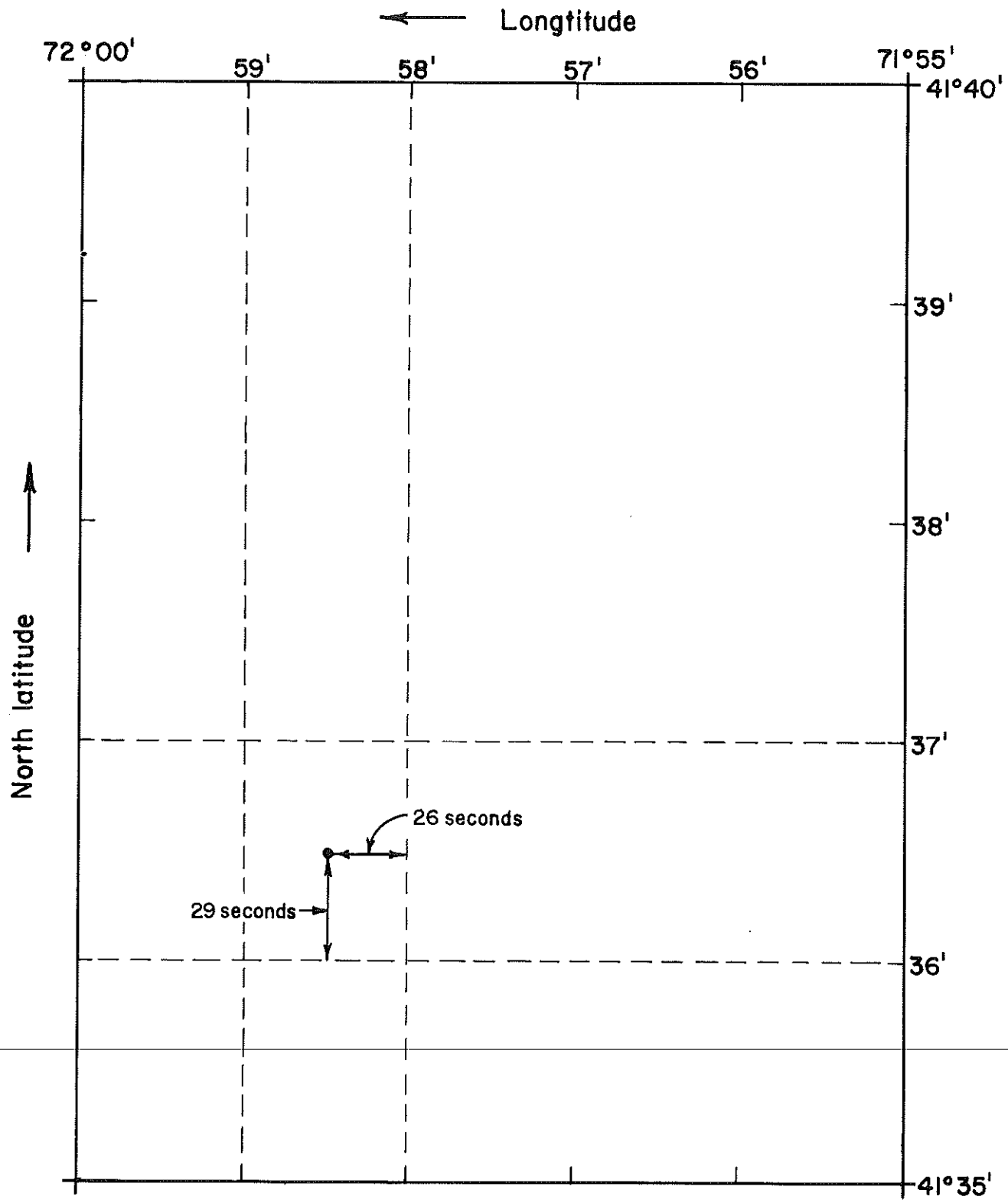


Figure 1 - Sketch illustrating location of well Gs 71 (table 1).
The location number is 413629N715826.1.

Table 1.--Records of wells and test borings

Well no.: See text for explanation of numbering system.
Location: See text for explanation of location system.
Altitude: Estimated from topographic map, contour interval 10 feet.
Type of well: Bor, bored; Drc, drilled (cable-tool rig); Drr, drilled (rotary rig); Drv, driven; Dug; Jet, jetted.
Depth of well, depth of casing: All depths are below land surface; reported depths are given in feet, depths measured by U.S. Geological Survey are given in feet and tenths. Casing depths do not include well screen, perforated casing, open-jointed tile, laid stone, or other wall materials which permit water to enter the well.
Static water level: Reported water levels are given in feet, water levels measured by U.S. Geological Survey are given in feet and tenths.
Use: Aban, abandoned; Agr, agricultural (chiefly water for livestock); Com, commercial; Dom, domestic; Des, destroyed; Ind, industrial; Inst, institutional; Obs, observation; PS, public supply; Test, test well or boring; Un, unused.

Remarks: C, chemical analysis in table 5. gpm, gallons per minute; gph, gallons per hour; gpd, gallons per day. L, detailed log in table 2; P, pumping-test data in table 4; T 54° 6-1-62, temperature 54 degrees Fahrenheit June 1, 1962. Temperatures were measured by the U.S. Geological Survey, generally by lowering a can containing a thermometer a few feet below the water level, then hauling it up after a few minutes; measurements made in pump discharge are indicated. Most other statements in this column represent information reported by owners or drillers rather than observed by the U.S. Geological Survey; the expression "reportedly" is omitted. Most wells for which no analyses or statements pertaining to water quality are given were reported to yield good water; for some, no data were obtained. In localities where iron-bearing water is common, wells yielding satisfactory water are indicated. The years 1949 and especially 1957 were unusually dry; the dependability of many dug wells is reported for one of these years.

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Brooklyn						
Bk 1	414515N715522.1	L. Theroux	1937	190	Dug	15.2	24			Sand & gravel	12.3 7.4	8-17-50 3-28-62			Dom	T43° 3-28-62. Unfailing 1949-1962.
Bk 5	414614N715719.1	N. Schulman		175	Dug	26.5	24			Sand	21.6	3-30-62			Un	Dry in August 1957.
Bk 6	414556N715723.1	J. DeSautels		140	Drc	92	4		40(?)	Bedrock			16		Agr,Dom	Supplies 34,000 broilers and 2 families.
Bk 7	414558N715702.1	A. Hassell		175	Dug	19.5	28			Sand & gravel	12.7	3-30-62			Dom,Agr	Nearly dry in 1957. Bottom is on rock, possibly bedrock.
Bk 9	414634N715740.1	P. Franzman		195	Dug	21.9	28			Sand & gravel	18.1 14.1	8-18-50 3-30-62			Un	Dry in summer of 1949, very low and bad taste in 1957.
Bk 9a	414634N715740.2	do	1956	200	Drc	170	6	57	51	Bedrock	43	11-17-56	30	107	Dom,Agr	Replaces Bk 9.
Bk 10	414713N715821.1	L. Eisnor		280	Dug	18.7	28			Till	14.8 10.2	8-18-50 3-26-62			Dom Dom	Dry in 1949.
Bk 11	414701N715758.1	L. Soumi		230	Dug	16.1	24			Sand & gravel(?)	10.2	8-18-50			Dom	Dry in summer of 1957.
Bk 14	414657N715653.1	Pierce	1943	220	Drc	111.7	8			Bedrock	4.7	3-26-62	15	10	Agr	Hatchery, 9000 chickens. Shallow-well pump used.
Bk 15	414749N715428.1	W. Lofgren		232	Dug	22.2	28			Sand & gravel	19.6	8-18-50			Dom,Agr	Adequate in 1949.
Bk 16	414717N715507.1	C. Chase		238	Dug	20.2	28			Sand & gravel & Till	19.8 15.2 15.1	8-18-50 3-28-62 10-12-62			Dom,Agr	Dry in 1957, was deepened 1 ft. in hardpan. Gravel 0-13 ft 75 ft to east.
Bk 17	414715N715414.1	C.F. Rice		242	Dug	32.7	36			Till (?)	26.9	8-18-50			Dom	Adequate in 1949.
Bk 18	414632N715847.1	Fallson		365	Dug	13.2	36			Till	11.4 6.2	9- 6-50 3-27-62			Dom	Dry almost every summer.
Bk 19	414607N715810.1	Gorman		470	Drc	127	6			Bedrock	13.8	9- 6-50			Dom	
Bk 20	414642N715907.1	K. A. Kaaro		420	Dug	13.7	24			Till	10.0 5.4	9- 6-50 3-26-62			Un	Dry in 1957, replaced by drilled well.
Bk 21	414704N715928.1	J. Brady		375	Dug	15.8	28			Till	12.1 7.4	9- 6-50 3-28-62			Dom	T 44° 3-28-62. Nearly dry in 1957, otherwise adequate 1949-1962.
Bk 22	414655N715521.1	P. Bouthiller		330	Dug	24.9	36			Till	5.8 7.3	3-26-62 6-30-62			Un	Dry in 1949 (depth 22.5 ft) and in 1957. Replaced by drilled well 333 ft deep, bedrock at 35 ± ft.
Bk 24	414749N715825.1	R.B. Sherman		360	Dug	22.0	24			Till	11.1	3-28-62			Dom	T 44° 3-28-62. Nearly dry in summer of 1957.
Bk 28	414912N715732.1	J. Lawson		555	Dug	11.5				Till	8.1 2.8	9- 7-50 3-26-62			Dom,Agr	Dry in 1949.
Bk 30	414827N715838.1	H. Booth		430	Drc	95				Bedrock					Dom,Agr	C. Supplies House and 250 cows; water sometimes sandy or dirty in summer.
Bk 31	414808N715903.1	A. Manning		365	Dug	23.6	28			Till	18.6 19.2	9- 7-50 3-26-62			Dom	Adequate in 1949, dry in summer of 1957 and once previously.
Bk 32	414802N715939.1	Kozlow		415	Dug	9.9	36			Till	4.3 1.2	9- 7-50 3-28-62			Dom	Never dry 1950-1962. Bottom is on rock, possibly bedrock.
Bk 33	414832N715917.1	J. Linkkila	1949	342	Dug	18.5	30			Gravel(?)	14.7 11.8	9- 7-50 3-28-62			Dom,Agr	Never dry 1949-1962.
Bk 34	414858N715841.1	H. Hannonen	1949	530	Drc	237	6			Bedrock	36	9- 7-50	6	54	Dom,Agr	C. Drilled in 34-ft. dug well.
Bk 35	414925N715622.1	A. Hopkins		495	Dug	17.2	24			Till	14.4	9- 7-50			Dom	
Bk 36	414914N715523.1	A. Blain	1939	321	Drc	134	6	71	70	Bedrock			10		Dom,Agr	Clay, some boulders 0-70 ft.
Bk 37	414836N715527.1	Mrs. H. Weaver		300	Dug	26.1				Till & bedrock	13.0 2.9	9- 7-50 3-26-62			Dom	Never dry 1949-1962.

Table 1.--Records of wells and borings--Continued

Well no	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	S. water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Brooklyn--Continued						
Bk 39	414720N715713.1	R. Doyen	1949	212	Drc	87	6	20	16	Bedrock	21	9-19-50	22		Dom	Water has slight iron content.
Bk 40	414723N715725.1	S. Wirkus		240	Drc	95	6	19	14	Bedrock			4		Dom	Drilled in old dug well.
Bk 41	414911N715620.1	R. Brouillord	1956	325	Drc	106.6	6	9	6	Bedrock	9.4	2-28-57	3		Obs	T 46° 3-20-62. Observation well 1957 through 1964.
Bk 42	414624N720028.1	Wertalner		522	Dug	18.5	22			Till, & bedrock(?)	3.5	4-22-58			Aban	T 43° 4-22-58. Former stock well, unfailing.
Bk 43	414700N715739.1	Johanson	1955	205	Drc	51	6	26	18	Bedrock	16	10-25-55	60	14	Dom	Drilled in old well.
Bk 44	414640N715833.1	G. Couch	1955	400	Drc	150	6	35	35	Bedrock	11	12- 9-55	3.5	89	Dom	Loam, hardpan 0-35 ft.
Bk 45	414737N715658.1	N. Thurlough	1956	290	Drc	50	6	13	13	Bedrock	10	6-20-56	4	20	Dom	Hardpan 1-13 ft.
Bk 47	414517N715550.1	Fisk		270	Dug	12.0	24			Till(?)	5.5	4-22-58			Un	T 44° 4-22-58.
Bk 48	414622N715718.1	D. Gunn	1954	175	Drc	100	6	90	90	Bedrock	30	Summer-62	30		Dom	Sand with a few pebbles 0-10 ft, mostly very fine white sand below.
Bk 49	414650N715712.1	Windham County Agricultural Society	1963	205	Drr	144.6	6.5	27.1	25	Bedrock	6.8 5.9	1-29-63 4- 2-63	30		Com	P. T 52° 4-9-63 (well pumped).
Bk 50	414643N715742.1	T. Rahikka	1959	210	Drc	39	6	32	28	Bedrock	12	7- -59	25	10	Dom	C.
Bk 51	414533N715622.1	Mrs.J.L.Fanning		208	Dug	40.5	22			Sand & gravel	37.8	9-28-61			Dom	T 48.5° 9-28-61. Observation well 1961-1963.
Bk 53	414531N715627.1	do		175	Dug	9.1	28			Sand & gravel	2.2	9-28-61			Dom	T 59° 9-28-61. Observation well 1961-1963.
Bk 54	414747N715602.1	Masonic Temple		280	Dug	14.1	30			Till	11.9	9-13-61	.26	.3	Un	P. Observation well 1961-1962.
Bk 55	414551N715716.1	S. Nelson	1940	140	Dug	10.3	30			Sand	7.9	11-11-61			Dom	
Bk 56	414600N715722.1	J. DeSautels		145	Dug	8.3	36			Gravel(?)	5.0	11-11-61			Un	Failed in 1957. Gravel 0-4 ft.
Bk 57	414606N715725.1	C. B. Arters	1946	160	Dug	13.8	30			Sand	10.5	11-11-61			Dom,Agr	Water analyses show some iron. At next house to north, 18-ft dug well penetrates mostly clay in 1-ft beds separated by sand partings.
Bk 58	414656N720055.1	W. H. Evans	1953	565	Drc	253	6	22	18±	Bedrock	8	Spring -53	1.5+		Dom	Large yield 4 ft below bedrock surface was cased off; only 1.5 gpm below so pulled casing back. Water level dropped below suction line in 1957, suggesting shallow fracture was dry.
Bk 59	414656N715743.1	Mrs. W. Nisbit	1959	205	Drc	200	6	38	30	Bedrock	12	5-30-59	10	63	Dom	C. Gravel and rocks 0-30 ft.
Bk 60	414702N715729.1	E. Lehman	1958	210	Drc	100	6	40	40	Bedrock	7	12-31-58	5	93	Dom,Com	Gravel and rocks 0-40 ft.
Bk 61	414713N715709.1	D. Bloke	1958	265	Drc	128	6	50	50	Bedrock	23	6-17-58	5	77	Dom	
Bk 63	414544N715611.1		1961	212	Drc	106	6	64	26	Bedrock	6	10-20-61	15	34	Dom	Gravel 0-26 ft.
Bk 64	414530N715616.1	W. Wolfburg	1961	190	Drc	79	6	61	47	Bedrock	30	7- 8-61	5.5	30	Dom	Also pumped at 8 gpm.
Bk 65	414629N715556.1	P. Peckham	1959	315	Drc	87	6	27	17	Bedrock	14	7- 7-59	7	73	Dom	Hardpan and boulders 0-17 ft.
Bk 66	414719N715400.1	M. Fortin	1962	250	Drc	110	6	36	31	Bedrock	15	1- 5-62	3.5	85	Dom,Agr	
Bk 67	414752N715406.1	R. Gingras	1959	237	Drc	87	6	23	16(?)	Bedrock	8	11-16-59	6		Dom	Old well 0-16 ft, rock 16-87 ft.
Bk 68	414754N715318.1	Rosen Poultry Co.	1956	190	Drc	508	6	48	48	Bedrock	32.0	7- 4-62	35	182	Aban	Heavy gravel 0-24 ft, fine sand 24-48 ft. Depth measured 500+ ft. Factory destroyed by fire 1960. Well is 60 ft north of Arrow-Hart warehouse.
Bk 68a	414754N715318.2	do	1959	200	Drc	512				Bedrock	32	6-20-59	11	168	Des	Originally drilled 325 ft deep in 1956, deepened in 1959. Located about 90 ft north of Bk 68.
Bk 70	414802N715402.1	Lajoies	1956	240	Drc	35	6	20	15	Bedrock	5	8-18-56	10	20	Dom	
Bk 72	414806N715406.1	E. Malarkey	1959	240	Drc	68	6	19	12	Bedrock	20	4- 8-59	15		Dom	Hardpan 0-12 ft.
Bk 74	414808N715408.1	F. Gull	1959	235	Drc	80	6	20	12	Bedrock	18	4-28-59	15		Dom	
Bk 75	414820N715415.1	C. Muller	1960	228	Drc	120	6	48	40	Bedrock	15	1- 4-60	9		Dom	
Bk 76	414822N715414.1	J.M. Posladalo	1961	232	Drc	155	6	48	42	Bedrock	30	9-15-61	10	30	Dom	
Bk 77	414854N715525.1	L. Cote	1959	340	Drc	128	6	52	22	Bedrock	46	7- 8-59	10		Dom	
Bk 78	414904N715527.1	E.C. Morrison	1959	333	Drc	109	6	34	20(?)	Bedrock	33	11-23-59	5		Dom	Old well 0-20 ft, bedrock 20-109 ft.
Bk 79-80		U.S.Geological Survey	1962		Bor										Test	L. Auger borings.
Bk 81	414724N720035.	R.E. Bernier	Before 1900	690	Dug	31.5	24			Till	27.2	6-20-62			Dom	Well is 180 ft south, 120 ft east of house.

Table 1.--Records of wells and test borings--Continued

Well no	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Brooklyn--Continued						
Bk 82	414708N720042.1	A. Poirier	1954	502	Drc	209	6	12	9	Bedrock	8	6- -62	0		Aban	
Bk 83	414659N720038.1	O. Ranta	1949	536	Drc	265	6	47	47	Bedrock	29	Spring-49	15'	236	Dom,Agr	C.
Bk 84	414630N720031.1	S. Rostedt	1937	522	Dug	16.7	30			Till (gravel lens)	10.1	6-19-62			Dom,Agr	Water enters from gravelly zone in hardpan.
Bk 85	414554N720036.1	A. Lehesvuoo	1960	597	Drc	220	6		15	Bedrock			15		Dom	Water enters chiefly at 200 ft.
Bk 86	414542N720042.1	K. Pelto	1951	558	Drc	309	6	22	5	Bedrock	11	Summer-51			Dom,Agr	C.
Bk 87	414535N720014.1	O. Woltonen	1954	390	Drc	120	6	20	15±	Bedrock	14	Winter-54	5		Dom	C. Till in house foundation.
Bk 88	414439N715526.1	Mrs. F. Ingves	1957	230	Dug	26.6	30			Gravel	23.4	8- 8-62			Dom	
Bk 89	414446N715511.1	E. Bartholic	1961	225	Drr	145	6	40±	40	Bedrock	75(?)		10		Dom	Coarse gravel 0-40 ft.
Bk 90	414448N715504.1	D. Surprenant	1960	170	Drr	116	6	38	34	Bedrock	29.9	8- 7-62	17	86	Dom	Gravel and sand 0-10 ft, hardpan 10-34 ft.
Bk 91	414450N715501.1	R. Surprenant	1958	175	Drc	85	6	77	65	Bedrock	45	10-16-58	12	15	Dom	Attempted to dig a well nearby: coarse gravel 0-28 ft; fine gravel, some clay 28-33 ft; no water.
Bk 92	414454N715458.1	W. Kamuda		150	Dug	18.1	24			Sand & gravel	16.2	9- 4-62			Dom	According to owner, well went dry suddenly in the summer of 1957, following excavation for footings of Route 205 bridge, in which a spring was encountered.
Bk 93	414458N715505.1	N. Adams		160	Dug	27.4	30			Sand & gravel	23.8	8- 8-62			Dom	Well was dry 3 months in the summer and fall of 1957; owner says it failed same day as several nearby dug wells, after a spring was struck in excavations for Route 205 bridge.
Bk 94	414449N725503.1	K. Green	1959	160	Drc	113	6	46	36	Bedrock	27	1-17-59	5	73	Dom	C. Boulders and hardpan 0-36 ft.
Bk 95	414459N715504.1	W. Mercier	1948	160	Drc	76	6	76		Gravel	25	Summer-57	19.5	33	Dom	C. Old well 0-20 ft, gravel 20-76 ft.
Bk 96	414500N715507.1	B. Corbell	1957	167	Drc	73	6	68		Gravel			25±		Dom	
Bk 98	414604N715706.1	R. Hunter	1960	144	Dug	9.4	30			Sand	4.0	12- 8-62			Dom	Fill or alluvium 0-3 ft, fine sand 3-9 ft, silt and clay 9-12 ft; back filled in and around tiles with pea stone. Water good at first, became very rusty September 1962; rust film in well.
Bk 99	414619N715630.1	D. A. Mailhot	1962	190	Drc	82	6	36	30	Bedrock	15	3- 2-62	3	60	Dom	C.
Bk 100	414618N715552.1	E. Provost	1942	260	Drc	238		22	22	Bedrock	32		5		Dom,Agr	
Bk 101	414658N715836.1	A. Curreri	1960	335	Drc	110	6	12		Bedrock	12.9	9-18-62	13		Dom	C. Present land surface 4 ft below original.
Bk 102	414759N715645.1	P. Dunning	1962	380	Drr	160	6	15.2	0	Bedrock	30.1	10-25-62	2		Dom	
Bk 103	414731N715628.1	H. Koehl	1960	272	Drr	98	6	40±	40±	Bedrock	20	10- 1-60	5		Dom	Water causes staining of fixtures, clothes; analysis (1-15-63, Bruner Corp) shows iron 0.9 ppm, pH 7.3.
Bk 104	414750N715507.1	L. Litke	1946	240	Drc	216	6	23	17	Bedrock	23	5- -46	7.5		Dom	Gravel 0-17 ft. Owner measured depth as 202 ft in 1955.
Bk 105	414752N715509.1	S. Litke	1955	245	Drc	85	6	22	11	Bedrock	14	8-26-55	30+		Dom	Driller estimated yield may be 100 gpm.
Bk 106	414747N715457.1	Kenyon Oil Co.	1951	240	Drc	82	6	48	41	Bedrock	4	4- -51	6	<61	Dom,Com	Hardpan 0-28 ft, boulders 28-41 ft. Water enters chiefly at 75-79 ft.
Bk 107	414743N715441.1	J. Piotroski	1954	237	Drc	125	6	40	30	Bedrock	16	9- -54	30	59	Dom	Water enters below 108 ft.
Bk 108	414745N715438.1	A. Bouthiller	1957	235	Drc	65	8	65		Gravel			20		Dom	
Bk 109	414742N715430.1	H. Hill	1961	232	Drr	95	6 1/4	80	70	Bedrock			50		Dom	
Bk 110	414749N715432.1	P. Berris	1900±	235	Dug	25.2	26			Sand & gravel	20.7	11- 6-62	200		Dom	Formerly also supplied motel and restaurant with about 3000 gpd; inadequate for this use in 1957, when water level was very low.
Bk 111	414750N715432.1	Berris Motels, Inc.	1957	235	Drc	157	6	70	66	Bedrock	25	10-16-57	15		Com	C.
Bk 113	414753N715413.1	Ingalls Printing Co.	1947	235	Drc	185	5	24	8	Bedrock	13		2.5		Ind	Original casing 12 ft, yield 4 gpm; in 1960 noted taste, high bacterial count, and sediment in water, so added liner to case off fracture at 16 ft.
Bk 115	414750N715331.1	Crystal Water Co.	1953	178	Drc	41	10	31		Gravel	7	9- 5-53	265	9	PS	Screen, 60-slot, 31-41 ft.
Bk 116	414752N715331.1	do	1958	180	Drc	48	10	39		Gravel	7	4- -58	300	17	PS	Screen, 60-slot, 39-48 ft.
Bk 116a	414752N715331.2	do	1957	180	Drc	41	10			Gravel	6	8- -57	280	25	Des	Temporary well to meet emergency need, replaced by Bk 116.
Bk 117	414749N715332.1	do	1961	180	Drc	69	10	59		Coarse sand	13	5- -61	353	40	PS	L. Screen, 40-slot, 59-69 ft. Not yet in use 11-62.
Bk 117a	414749N715332.2	do	1960	180	Drc	76	8	63		Coarse sand			170	50	Test	L. Screen 63-76 ft. Replaced by Bk 117.

Table 1.--Records of wells and t[illegible]ings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Brooklyn--Continued						
Bk 118	414715N715355.1	L. Cote	1950	265	Drc	110				Bedrock	70(?)		2.5		Dom	Deepened to 190 ft 1960, new yield 10 gpm.
Bk 119	414830N715915.1	G. Gazette	1961	343	Dug	19.3	36			Gravel	14.8	5- 7-63			Dom	Clean bouldery gravel 0-18 ft; hard clay, no stones 18-19 1/2 ft. Adequate in summer of 1962.
Bk 120	414912N715550.1	R. Harrington	1960	280	Drc	60	6		20±	Bedrock	25±	Summer-60	7±	15±	Dom	
Bk 121	414732N715338.1	P. Krzys	1962	210	Drr	65	6	65		Gravel	25	8- -62	20		Dom	Clay 0-15 ft; fine sand 15-25 ft; gravel, coarser at bottom, 25-70 ft.
Bk 123	414620N715521.1	R. A. Bouthiller	1954	320	Drc	130	6	87	79	Bedrock	25	9-28-54	12	90	Dom	
Bk 124	414730N715556.1	E. Mislaszek	1953	405	Drc	154	6	74	68	Bedrock	72	6- 2-53	6		Dom	
Bk 125	414614N715715.1	N. Schulman	1962	163	Drr	186	6		65	Bedrock	10	6-16-62	50		Agr	Sand 0-65 ft. Water enters chiefly at 185 ft.
Bk 126	414651N715756.1	T. Hayden	1954	250	Drc	110	6	70	63	Bedrock	24	1-12-54	3.5	76	Dom	
Bk 127	414641N715842.1	E. Wood	1959	418	Drc	155	6	19	12	Bedrock			.5		Dom	
Bk 128	414756N715425.1	Crystal Water Co.	1960	225	Drc	40	8	22	40	Sand	6	10- -60	35	14	Test	L.
Bk 129	414814N715356.1	do	1953	200±	Drc	35			35						Test	L. Location approximate.
Bk 130-132		U.S.Geological Survey	1963		Bor										Test	L. Auger borings.
										Town of Canterbury						
Cy 1	414032N715825.1	E. Pochie	1945	280	Drc	100	4			Bedrock					Dom	C.
Cy 2	414053N715803.1	A. Dugas	1946	140	Drc	90	6		30	Bedrock			3.5		Dom	Sand & gravel 0-30 ft.
Cy 5	414202N715806.1	P. Carpenter		200	Dug	6.7	28			Till	1.6	8-21-50			Dom	
Cy 6	414247N715816.1	W.F. Tyler, Jr.	1947	238	Drc	83	6	20	17	Bedrock	31	- -47	20		Dom,Agr	C. Drilled in 17-ft dug well which failed frequently.
Cy 7	414325N715810.1	D. Agayoff	1947	410	Drc	70	6			Bedrock	17.1	9-18-62	40		Dom	Drilled in dug well.
Cy 8	414427N715738.1	P. Herr		200	Dug	27.8	28			Sand & gravel	22.9	8-22-50			Dom	Failed in 1949.
Cy 9	414419N715558.1	J. Eastham	1901	200	Dug	13.9	28			Sand & gravel	9.6	8-22-50			Dom,Agr	Adequate in 1949; pump occasionally broke suction in 1957.
Cy 10	414433N715530.1	E. Poirier	1947	225	Dug	34.8				Gravel & sand	28.5	8-22-50			Dom	Coarse gravel, large boulder 27-35 ft. Inadequate in 1957.
Cy 11	413826N715848.1	C. Renshaw	Before 1948	125	Drc	48	6			Bedrock(?)	26.9	8-24-50			Dom	Water corrodes galvanized pipe rapidly.
Cy 12	413905N715929.1	L.A. Davignon		295	Dug	16	36			Till	11.3	8-24-50			Dom,Agr	
Cy 14	413911N715850.1	P. B. Smith		240	Drc	78	8			Bedrock	19.8	8-24-50	.25		Aban	Inadequate, replaced by Cy 14a.
Cy 14a	413911N715850.2	do	1962	240	Drr	278	6	13		Bedrock	40	10- 7-62	3		Dom,Agr	
Cy 16	414052N715906.1	J. M. Hart		198	Dug	13.7	28			Sand & gravel	10.6	8-29-50			Dom	Adequate in 1949, 1957.
Cy 21	414149N715959.1	J. Ahonen		305	Dug	15.7	24			Till	9.5	8-29-50			Dom,Agr	
Cy 22	414153N715939.1	O. Uusitalo		285	Dug	19.6	24			Till	15.8	8-29-50			Dom	Adequate in 1949.
Cy 23	414154N715841.1	Helen Baldwin School	1947	335	Drc	182	6			Bedrock	75	8-29-50	6		Inst	Deepened to 249 ft in 1958, yield 8.5 gpm (2-day test). In normal use (9-62) meter on pump discharge showed rate of 12 gpm in a.m., 3.5 gpm in p.m. Water occasionally muddy, rusty, especially in autumn.
Cy 24	414150N715820.1	M. Hawes	1900	260	Dug	16.9	30			Till	10.9 14	8-29-50 -57			Dom	Water corrodes iron pipe, some brass. No rust problem otherwise.
Cy 29	414450N715942.1	E. Mason		380	Dug	23.7	24			Till	11.4 14.4	8-29-50 5- 2-62			Agr	Inadequate but not dry in 1957.
Cy 31	413955N715823.1	R. T. Mercier	1957	190	Dug	18.7	36		12	Till & bedrock	13 3.5 6.5	Summer-57 4- 4-58 5-11-62	5	4	Dom	Hole in bedrock 10 ft diam; envelope of washed 1 1/2-inch stone 20 ft diam, depth 11 to 18.7 ft.
Cy 32	414432N715811.1	P. Pacitto	1949	350	Drc	82	6			Bedrock	22	8-29-50	7		Dom	C.
Cy 33	414423N715757.1	J. Korpinen		310	Drc	77	6	20	14	Bedrock			7		Dom	Deepened to 140 ft in 1952, yield still 7 gpm; no rust problem.
Cy 34	414237N715811.1	Pacitto	1957	215	Drc	160	6	21	14	Bedrock	71	9- -57	3		Dom	
Cy 35	413828N715729.1	P. Desjardins	1947	140	Drv	18	1 1/4	15		Fine sand	4	4-12-62			Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Canterbury--Continued						
Cy 36	413915N715840.1	A. Lisenko	1957	233	Drc	100	6	13	12	Bedrock	14	-57	3		Dom	
Cy 40	413939N715826.1	E. Becotte	1951	175	Drc	192	6	22	22	Bedrock	20		6.5		Dom,Agr	Originally 98 ft deep, failed, so was deepened.
Cy 41	414005N715823.1	R. Goetschius	1952	215	Drc	90	6		22	Bedrock	25		7		Dom	
Cy 42	413936N715733.1	J. Walsh	1950	130	Dug	18	24			Very fine sand	13.4	4-16-62			Dom	L. Adequate in 1957.
Cy 43	413852N715748.1	R. Shinkiewicz	1952	123	Dug	13.1	30			Gravel & sand	7.4	4-12-62			Dom	Bottom of well penetrates coarse gravel; gravel envelope around well; adequate but low in 1957.
Cy 44	413841N715748.1	LaClair & Fellini	Before 1940	145	Dug	12	18			Sand & gravel	7.2	4-16-62			Un	Dry 3 months in 1957, replaced by 25-ft dug well.
Cy 45	413838N715737.1	M. Siminchuck		148	Dug	13	36			Fine sand	10.4	6- 6-60			Agr	Dry in 1957.
Cy 46	413904N715758.1	N. Bachand	1951	140	Drc	111	6	99		Sand	37	-51	7		Dom	Screen 99 to 111 ft. Penetrated mostly very fine sand, pumped much sand first 3 months. Water causes slight yellow stain, worse if bleach is added.
Cy 47	413919N715747.1	W. Linden	1955	156	Drc	160	6	133	127	Bedrock	46	5-26-55	20	44	Dom	Nearly all very fine sand 0 to 127 ft. Water causes slight rust stain.
Cy 48	413957N715718.1	J. Hatt, Sr.	1955	148	Drc	93	6		30	Bedrock	33		36		Dom,Agr	C. Supplies 3 houses, 24 cows.
Cy 49	414118N715920.1	H. Greenstein	1961	265	Drr	200	6		12	Bedrock	65.9	9-14-61	9		Dom	T 49.5° 9-14-61. Water enters chiefly at 195 ft.
Cy 51	414438N715713.1	A. Engelsen	1941	235	Drc	186	6	50	50	Bedrock	86	-59	30	<79	Dom,Agr	Drilled in dug well 40 ft deep.
Cy 52	414435N715713.1	G. Aaltonen	1951	218	Drc	196	6		40	Bedrock			10		Dom	
Cy 53	414435N715719.1	E. Autio	1953	205	Drc	171	6	50	50	Bedrock	45	Summer-57	30		Dom,Agr	
Cy 54	414425N715713.1	O.W. Rosen	1953	175	Drc	165	6	15	14	Bedrock			25		Dom	
Cy 55	414425N715704.1	H. Lindblom	1957	175	Drc	94	6		40	Bedrock	16	10- -57	13		Dom	Dug well nearby penetrates hard clay (till?) 0-20 ft, quicksand 20-21 ft; failed in 1957 and other years.
Cy 56	414152N715820.1	C. C. Gill	1959	265	Drc	75	6	21	14	Bedrock	15	7-22-59	4	60	Dom	C. Water has taste, slight orange color in autumn.
Cy 57	413845N715828.1	G. Holmes	1956	150	Dug	21.5	30			Very fine sand	12.8	4- 9-62			Dom	Very fine sand 1-22 ft. Dry in 1957, low every August.
Cy 58	413817N715720.1	U. J. Lucier	1956	160	Dug	16.6	30			Gravel	9.1	4- 6-62	30		Dom	
Cy 59	414113N720036.1	L. Stewart	1959	440	Drc	60	6	4	3	Bedrock	5	6-10-59	4		Dom	C.
Cy 61	414433N720120.1	L. Gray	1957	518	Drc	118	6	69	69	Bedrock	20	3-31-57	4.5	40	Dom	Clay 0-69 ft.
Cy 65	413845N715750.1	R. Poitras	1956	140	Dug	35.2	24			Fine sand	31.1	6-15-62			Dom	Fill 0-7 ft, fine to very fine sand 7-36 ft; gravel dumped in and around bottom tiles.
Cy 66	413907N715820.1	T. Randmetz	1954	165	Drc	157	6		60(?) 100(?)	Bedrock	55±		5		Dom,Agr	C. Drilled in 55-ft dug well that was inadequate every summer. Hardpan and rocks 0-30 ft nearby.
Cy 68	413946N715824.1	J. Kinsey		200	Dug	29.0	30			Till	18.8	5-11-62			Un	Another unused dug well at same altitude 24 ft away; depth 22.9 ft, water level 13.6 ft 5-11-62.
Cy 69	414102N715916.1	L. P. Tracy	1960	236	Drc	60±	6	14	12	Bedrock			15		Dom	
Cy 70	414104N715812.1	F. Bolves	1954	155	Dug	19.0	24			Very fine sand(?)	11.5	5-15-62			Dom,Agr	Gravel 0-5 ft; fine sediment 5-20 ft, boulders at bottom.
Cy 71	413950N715825.1	Mrs. S. Winter	1962	193	Drc	125	6	23	17	Bedrock	24.2	8- 2-62	4		Dom,Agr	T 51° 8-2-62.
Cy 72	414501N720141.1	L. & A. Sabo	1954	502	Drc	55	6	14	12	Bedrock	18	8- -54	3	32	Dom	
Cy 73	414323N710128.1	C. Savarese, Jr.	1960	414	Drc	93	6	18		Bedrock	28	7- -60	60±		Dom	
Cy 74	414254N710120.1	A. Jones	1950	520	Drc	446	6	30	20	Bedrock	30	1- -50	3	416	Dom	Drilled 250 ft deep in 1944, yield 5 gpm; failed 1945; deepened 1950
Cy 75	414417N720019.1	E. & G. Mercier	1960	384	Dug	11.5	24			Till	2.0	6-18-62			Dom	
Cy 76	414308N720017.1	J. Hamala	1953	306	Dug	10.5	24			Coarse gravel	2.0	6-15-62			Dom,Agr	Coarse gravel 3-10.5 ft.
Cy 77	414246N720040.1	R. S. Buntz	1957	358	Drc	62	6	12	10	Bedrock					Dom	C. Drilled in dug well.
Cy 78	414244N720016.1	A. C. Buntz	Before 1900	345	Dug	15.9	24			Till	11.3	6-15-62			Dom,Agr	Hardpan at depth of 3 ft nearby.
Cy 80	414214N720018.1	J. T. Bennett	1958	310	Dug	14.5				Gravel	7.2	7-25-62			Dom	Gravel, very stony, 0-16 ft.
Cy 81	414154N720003.1	H. Willox	1962	300	Drc	186	6	69	69	Bedrock					Dom	C. L.

Table 1.--Records of wells and orings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Canterbury--Continued						
Cy 82	414113N720125.1	E. LaChappelle	1949	511	Drc	80	6	3	2	Bedrock	7		2.5		Dom	No house until 1959. Well unused 1-16-63 because contamination suspected.
Cy 83	414107N720123.1	do	1961	486	Drr	368	6	7	6	Bedrock	15	Summer-61	2.5		Dom	C. Dug well nearby: 0-6 ft hardpan, 6-16 ft bedrock (blasted).
Cy 84	414059N720120.1	M. Koreluck	1952	460	Drc	365	6			Bedrock	20	Summer-52	3	40	Dom	Drilled in dug well Cy 84a.
Cy 84a	414059N720120.2	do		460	Dug	16.6	36			Till	8.2	6-13-62			Aban	
Cy 85	414050N715958.1	A. Kuchachik	1942	365	Drc	209.5		0	24	Bedrock & till	23.9	8- 1-62	9(?)		Dom	Drilled in dug well, no casing used.
Cy 86	413854N720051.1	J. Korshak	1959	313	Drc	75.0	6	20±	11	Bedrock	9.4	6-13-62			Dom	Driller could not bail well dry.
Cy 87	413844N720052.1	M. Labrecque	1961	340	Drc	105	6	22		Bedrock			7.5		Dom	C. Formerly 72 ft deep, inadequate.
Cy 88	414155N715803.1	F. Osterlund	1952	215	Drc	140	6	0	0	Bedrock			3		Dom	C.
Cy 89	414201N715801.1	E. W. Falt	1947	176	Drc	140	6	32	32	Bedrock	18 32	Spring -57	3.5		Dom	Two gpm enters at 70 ft, 1.5 gpm at 90 ft. Good water, except rarely a rusty slug attributed by owner to old plumbing or casing.
Cy 90	414210N715809.1	J. O'Brien	1942	210	Drc	108	6			Bedrock	18.5	9-21-62	13±		Dom	Water has no objectionable properties.
Cy 91	414207N715811.1	A. Lindell	1960	215	Drc	110	6	15±	12	Bedrock	3	1- -60	5±	17	Dom	Water good in winter, spring; poor taste, high iron content in summer.
Cy 92	414158N715813.1	P. Cote		222	Dug	24.7	24			Till	21.2	9-21-62			Dom	C. No rust problem; aluminum pans are pitted; galvanized and brass plumbing lasts 5 years, copper 8 years.
Cy 93	414156N715815.1	Miss E. Cushman	1941	242	Drc	50(?)				Bedrock	Flowing	Continuous			Dom	C. Overflow piped to dug well, whence water is pumped to house. Water has orange color, metallic taste.
Cy 94	414155N715816.1	C. Frink	Before 1920		Drc	55(?)		0	28	Bedrock & till	22	9- 5-62	5		Dom,Com	C. Drilled in 28-ft dug well. Water good since softener installed, formerly had bad taste and caused staining.
Cy 95	414152N715824.1	F. Miller	1961	275	Drr	85	6	25	15	Bedrock			20		Dom	C. Water caused severe staining; neutralizer and softener installed 1963. Former dug well caused no staining, but water darkened when detergent was added, also was polluted.
Cy 96	414151N715830.1	P. Cote	1959	298	Drc	206	6		<20	Bedrock	28	12- -59	20		Dom	C.
Cy 97	414153N715836.1	Helen Baldwin School	1962	328	Drr	410	6 1/4	10	9±	Bedrock			6.5		PS	
Cy 98	414152N715844.1	D. Parker	1962	340	Drr	212	6	9		Bedrock	30	5- -62	3		Dom	Water good when first used, but by 9-62 had medicinal taste, contained soft sediment, caused staining.
Cy 99	414154N715846.1	Bushnell & McLaughlin	1957	350	Drc	300			8	Bedrock			3.5		Dom,Agr	C.
Cy 100-102		Conn. State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Cy 104-114		U.S.Geological Survey	1962												Test	L. Auger borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Cy 115	414423N715550.1	R. Pires	1962	224	Drr	167.2	6	7.0	3	Bedrock	15.5	8- 7-62	4	140(?)	Dom	C. P. Rock very dark-colored.
Cy 116	414452N715737.1	E. LaFrambolse	1953	270	Drc	140	6	32±	30	Bedrock	30	4- -62	7		Dom	
Cy 117	414424N715801.1	J. Hakkila	1951	320	Drc	86	6	15		Bedrock	15.8	8- 6-62	4		Dom,Agr	Drilled in dug well; water level in dug well 14.9 ft 8-6-62.
Cy 118	413911N715956.1	C. Loser	1959	225	Drc	66	6	22	22	Bedrock	22	9- -59	30		Dom	
Cy 119	413840N715914.1	B. W. Baldwin	1960	215	Drr	238	6	4	4	Bedrock	20	Summer-60	6		Dom	Water is hard, film on glassware, no suds with soap.
Cy 120	414131N715823.1	H. Hart	1962	208	Drc	175	6	22	17	Bedrock	17	11-24-62	3	148	Dom	L. Water enters at 30 and below 150 ft. Water good, no iron, when first used.
Cy 121	413822N715724.1	U.S. Geological Survey	1963	143	Bor	37									Test	L. Auger boring.
										Town of Griswold						
Gs 1	413459N715404.1	L. Corcoran	1960	245	Drc	104	6	8		Bedrock	10±	9- -60	3.5		Dom	C. Some water enters at 12 ft, little or none below 40 ft.
Gs 4	413559N715511.1	J. Zatorski	1926	200	Dug	15.0	28			Sand & gravel	11.2	8- -50			Dom	Water level fluctuates little.
Gs 5	413535N715540.1	D. Stradezuk	1934	160	Dug	17.5	28			Sand & gravel	13.3	8- -50			Agr	Clay at bottom of well.
Gs 7	413629N715451.1	State Park and Forest Comm.	1936±	219	Dug	16.0	24±			Sand & gravel(?)	9.8	4-17-63			Dom	Dry in fall of 1949.
Gs 8	413659N715455.1	S. J. Rudek		224	Dug	20.0	30			Sand & gravel	11.2	4-17-63			Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
									Town of Griswold--Continued							
Gs 9	413427N715342.1	G. Lillibridge	1905±	311	Drc	128.0	6		16(?)	Bedrock & till	13.1	7-29-63			Dom	Drilled in dug well 15.7 ft deep which may end on bedrock; top of casing is at bottom of dug well.
Gs 10	413420N715228.1	Colt Brothers	1958	245	Drc	350±	8		14	Bedrock	11.1	3- 5-59	6		Aban	Yield insufficient for intended use.
Gs 16	413248N715426.1	W. R. Cranska	1958	250	Drc	77	6			Gravel(?)	42.6	4-11-63			Dom	Till 0-20 ft, sand 20-60 ft, till 60-78 ft (according to driller 5-7-58); drilled to 90 ft, but owner measured 77 ft final depth.
Gs 17	413359N715524.1	Griswold Fish & Game Club	1956	175	Dug	21	30			Sand & gravel	10	10- 1-56	20		Inst	Sand 1-15 ft, gravel 15-21 ft. Supplies clubhouse.
Gs 18	413359N715848.1	W. Medbury	1956	155	Dug	21	30			Till	7	11- 7-56			Dom	Gravel 0-5 ft, hardpan 5-21 ft.
Gs 19	413424N715236.1	A. Petrowsky	1957	235	Dug	12			12(?)	Till (sand lenses)	8	Summer-57			Un	Bottom is on rock, perhaps bedrock; water enters from 3 small sand lenses near bottom.
Gs 20	413418N715229.1	Colt Brothers	1952	215	Drc	178	8	14	6	Bedrock	5	6- -52	18		Ind	Analyses 1957-59 by State Dept of Health: Nitrate as N 1.5-8.0 ppm, chloride 15-22 ppm, iron 0.6-5.2 ppm. Supplies poultry-dressing plant.
Gs 21	413118N715207.1	J. Kamorski		405	Dug	27.6	40±			Till	15.0	4- 9-59			Dom	Unfailing 1935-1959.
Gs 22	413220N715219.1	A. Dwills	1955	365	Drc	65	6	10±	6	Bedrock	7	4- -55	5		Dom	C.
Gs 23	413335N715236.1	W. Snyder	1958	195	Drc	150	6	110	102	Bedrock	15	4- 1-58	6	35	Dom	
Gs 25	413755N715744.1	W. Hall	1960	142	Drc	80	6	40	40	Bedrock	10	5- -60	6		Dom	C.
Gs 26	413808N715827.1	W. Casper	1959	122	Drc	85	6	69	67	Bedrock	20	10- -59	4		Dom	C. Very fine sand and silt 0-66 ft, clay 66-67 ft.
Gs 27	413806N715816.1	H. Caroline	1938	140	Drv	35	1.5			Sand		-			Dom,Agr	C. Well located in barnyard, has never failed; pond nearby dried up in 1957.
Gs 28	413750N715800.1	H. DeVolve	1957	140	Drc	80	6		70	Bedrock	10		5		Dom	C. Water stains clothes, dishes; has metallic taste; turns orange when boiled.
Gs 29	413557N715507.1	J. Zatorski	1943	215	Dug	12.5	24			Sand & gravel	7.0	9-25-61			Un	T 57° 9-25-61. Pebble gravel and sand 1-11.5 ft, gravel and boulder 11.5-12.5 ft. Observation well 1961-63.
Gs 30	413603N715807.1	N. LeRoux	1955	250	Drc	74	6	54	47	Bedrock	6	10-20-55	7	67	Dom	
Gs 31	413602N715808.1	Brunells	1955	250	Drc	89	6	66	66	Bedrock	15	9- 3-55	5	30	Dom	
Gs 32	413503N715843.1	A. Dombinski	1961	272	Drc	32	6	12	9±	Bedrock	15	10-11-61	20	12	Dom	C. Hardpan, boulders 0-10 ft.
Gs 33	413742N715322.1	J. Moran	1955	538	Drc	64	6	40	35	Bedrock	10	9-14-55	3	25	Dom	Medium sand 0-15 ft, hardpan 15-30 ft, clay 30-35 ft.
Gs 34	413810N715829.1	F. Wojtkun	1960	135	Drc	132	6	132	132(?)	Gravel	44	2- -60	14+		Dom	L. C. Finished at 90 ft, yield 4 gpm, water level 38 ft; but pumped sand, partly filled with sand, so was deepened.
Gs 35	413749N715825.1	J. Smith	1959	125	Dug	26.9	24			Gravel	21.7	8-18-62			Dom	C. Clay 0-5 ft, gravel 5-28 ft.
Gs 36	413745N715818.1	R. Richardson	1961	118	Drc	36	6	21		Bedrock			15		Dom	Water contains iron, stained clothes very yellow; now use phosphate treatment.
Gs 37	413749N715811.1	J. Okoney	1959	135	Dug	25.3	30	24(?)		Gravel & rock	22.6	8-18-62			Dom	L. Water good, little or no iron.
Gs 38	413746N715812.1	J. Pawelec	1960	135	Drc	73	6	47	40+	Bedrock			15		Dom	C. A 1-ft layer of sand with iron minerals at about 40 ft yielded an adequate supply, but water was rusty.
Gs 39	413744N715804.1	H. Zuckerbraun	Before 1942	126	Drc	86.2	6	85.0+			18.6	8-18-62			Un	Unused due to excessive iron content. Nearby dug well penetrates soil, subsoil, clay 0-20± ft, gravel and sand 20-25 ft, has supplied good water since 1942.
Gs 40	413754N715801.1	E. Cantora	1961	136	Drc	84	6	75	69	Bedrock			35		Dom	C. Severe iron problem, water unusable for most purposes before installation of softener. Well pumped continuously for a week at 35 gpm when drilled, quality was not improved.
Gs 41	413803N715749.1	B. Lunt	1956	156	Drc	30	6	28±	28(?)	Gravel(?)			10+		Dom	C. Water caused staining before installation of softener, also foams slightly. Uncertain whether or not bedrock was reached.
Gs 43	413757N715740.1	H. Judkins	1960	130	Dug	8.4	24			Gravel	7.3	8-18-62	60±		Dom	C. Clean fine gravel 0-9 ft.
Gs 44	413655N715750.1	Jewett City Water Co.	1940	120	Drc	55±	8	45±	65+	Sand & gravel	Flows	4- 8-63	10 100±	0 (?)	PS	C. Screen and gravel envelope. Original depth 65± ft but casing pulled back recently. Original yield 365 gpm, drawdown 50 ft. Pump capacity now 100 gpm. T 50° 4-8-63.
Gs 46	413652N715750.1	do	1957	118	Drc	55	8			Sand & gravel			250		Des	Test well, pumped 36 hours, water still turbid.
Gs 47	413652N715750.2	do	1957	118	Jet(?)	50	2	42		Sand & gravel	Flows	7- -57	50		PS	L. Screen, 30-slot, 42-50 ft. One of 6 similar wells, pumped together through common suction header at 180 gpm.
Gs 48	413457N715515.1	W. Sinkewicz		190	Drc	125(?)	6	100±	95±	Bedrock	23.7	4- 9-63	10		Com,Dom	Mostly fine sand (and silt?) above rock. Depths given below original surface; 13 ft of fill added recently. Accuracy of record uncertain.

Table 1.--Records of wells and t[illegible]orings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Griswold--Continued						
Gs 49	413451N715504.1	P. J. Ryan	1961	200	Drc	110	6	106		Bedrock	40				Dom	
Gs 50	413451N715504.2	E. R. Parshley	1956	200	Drc	110	6	110		Sand & gravel	38.3	4- 9-63			Dom	Fine sand 0-50± ft; gravel and sand 50± 110 ft.
Gs 51	413639N715803.1	W. Proulx	1956	148	Drc	83			83(?)	Gravel			10		Dom	Pebble gravel 0-83 ft. No screen.
Gs 52	413638N715752.1	W. Bessette, Jr.	1961	152	Drr	90	6	90	100+	Gravel			40		Dom	Several holes drilled at this site stopped on boulders; deepest was 100 ft, yield large but water silty.
Gs 56	413710N715732.1	P. Serdechny	1922±	162	Dug	21.5	36			Sand & gravel	19.7	4-16-63			Dom	
Gs 57	413637N715754.1	W. McNicol	1944	150	Drv	34	2	31±		Sand	22	-44			Dom	Pit dug to 13 ft in cobble gravel, point driven below in sand. Water is rusty.
Gs 58	413654N715544.1	H. Kallman		168	Dug	13.9	30			Sand & gravel	8.1	4-16-63			Aban	
Gs 61	413610N715542.1	Hopeville Pond State Park	1956	153	Drc	280	6	80	80(?)	Bedrock	0	8-25-56	3	280	PS	Supplies camping area.
Gs 63	413601N715541.1	do	1960	150	Drv	16±	2			Sand	13±	7- -60	6+		PS	Supplies camping area.
Gs 64	413603N715538.1	do	1935	150	Dug	10.4	36			Sand	5.5	4-18-63			PS	C. T 50° 6-27-63. Supplies camping area.
Gs 65	413628N715538.1	do	1955	160	Drc	110.9	6		62	Bedrock	11.4	4-18-63	30		PS	
Gs 70	413339N715232.1	Voluntown State Forest Nursery	1957	190	Dug	19.5	30			Very fine sand	9.0	4- 3-63	<5		Com	Dug to about 27 ft, all very fine sand; small sticks or twigs below 17 ft. Dumped 3 ft of crushed stone inside tiles.
Gs 71	413629N715826.1	W. Olenklewicz	1955	147	Drc	70	6	35	35	Bedrock	12	11- 5-55	3	18	Dom	Fine sand 0-35 ft.
Gs 72	413751N715740.1	L. Jackson	1962	130	Drr	68	6	42	40±	Bedrock			9		Dom	Medium-coarse sand 0-13 ft; sand, a clay layer, no gravel 13-40 ft.
Gs 73	413753N715738.1	R. Rakuza	1962	155	Drr	102	6	21	21	Bedrock	55	1- -63	20		Dom	
Gs 74	413749N715813.1	J. Okoney	1962	135	Drr	300	6		54	Bedrock	6	2-10-63	1.5		Dom	Clay 0-14 ft, gravel 14-54 ft; bedrock fairly soft 54-150± ft.
Gs 76	413539N715731.1	W. Watson	1956	300	Drc	85	6	11	5	Bedrock	16	6-21-56	1.5		Dom	Original depth 35 ft, yield 48 gpm; apparently failed after a few months so was deepened.
Gs 77	413555N715416.1	Macko Bros. Farm		258	Drc	150	6	11	11	Bedrock	15		6		Dom,Agr	Hardpan above rock.
Gs 78	413329N715326.1	J. Kennedy	1959	180	Drc	118	6	20	20±	Bedrock	19	-59	15		Dom	Well next house north yields 30+ gpm.
Gs 79	413326N715324.1	Mrs.J.Gauthier	1959	180	Drc	76	6	20	10±	Bedrock	Flows	5- -59	8+		Dom	Supplies 4 families.
Gs 80	413149N715335.1	D. MacDougall	1963	210	Drr	42	6	42		Gravel	16	10-24-63	5	26	Dom	
Gs 81	413322N715312.1	A. Mastronunzio	1901	238	Drc	93	6	93		Gravel	29.0	1-17-64	8		Dom	Well #180, page 138, U.S. Geological Survey Water-Supply Paper 102.
Gs 82	413529N715846.1	Summit Convalescent Hosp.	1963	220	Drr	278	6 1/2	98	90	Bedrock	30	12- 6-63	30	10	Com	Sandy light-gray till 0-6 ft (pit); layers of sand, silt, hardpan 0-90 ft.
Gs 100-151		Conn.State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Gs 153-165		U. S. Geological Survey			Bor										Test	L. Auger borings.
										Town of Hampton						
Hp 16	414931N720144.1	C. & W. Stone	1928	720	Drc	120	6		40	Bedrock	19	6- -62	5	20±	Dom,Agr	C. Shallow-well pump 1928-1957.
										Town of Killingly						
Ki 1	415022N715442.1	Rogers Corp.	1936	206	Drc	56	10	16 & 30-56	56	Sand & gravel	13	10-25-37	260		Des	Screen 16-30 ft. One of 4 similar wells, pumped together by suction, est. total yield 500 gpm; all abandoned 1939 when yield dropped following collapse of land surface. Hardness 51.4 ppm, iron 0.1 ppm. Well deepened to 138 ft in 1942, no water.
Ki 5	415012N715426.1	do	1943	198	Drc	105	8	65	63	Bedrock	1.3	6-15-50	575	48	Aban	L. T 51°, hardness 41 ppm 2-24-43 during pumping test. Well never used, due to distance from mill and presence of sewer (open in 1943) 200 ft away.
Ki 6	415008N715419.1	do	1943	198	Jet	35	2		30				0		Test	L.
Ki 8	415027N715434.1	do	1938	245	Drc	44	8		42	Sand(?)			<100		Test	L.
Ki 9	415021N715437.1	do	1938	201	Drc	45	16		44						Test	L.
Ki 10	415018N715438.1	Williamsville Water Co.	1941	201	Drc	88	8		50±	Bedrock	7		250	25	PS	C.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Killingly--Continued						
Ki 10a	415018N715438.2	Williamsville Water Co.	1938	201	Drc	37	8	22		Sand & Gravel	7		100	14	Des	Screen 22-37 ft; well pumped sand, was destroyed after yield declined following collapse of land surface.
Ki 11	415013N715438.1	Rogers Corp.	1947	200	Drc(?)	42	6		42						Test	L.
Ki 13	415019N715441.1	do	1947	206	Drc(?)	43	6		44	Gravel			4	11	Test	L. Recharge 4 gpm with water level 11 ft above static.
Ki 16	415017N715437.1	do	1962	204	Jet(?)	62	2 1/2		60		10	10-29-62			Test	L. Foundation test boring.
Ki 17	415005N715118.1	R. Choquette	1962	335	Drc	47	6	31	25	Bedrock	17	11-15-62	50	3	Dom	
Ki 18	415051N715326.1	Wm. Prym, Inc.	1916	245	Drc	485	8	85		Bedrock	40.0	6-13-50	50	100+	Ind	C. Formerly also supplied 50 homes.
Ki 22	415155N715254.1	Attawaugan Mill, Powdrell & Alexander Co.	1947	295	Drc	406	8	84	72	Bedrock	37	5- 6-47	85	103	Ind	Clay and boulders 0-72 ft. Analysis (11-3-49 W. & L. Betz): sulfate 10 ppm, chloride 4.5 ppm, hardness as $CaCO_3$ 44 ppm, pH 6.8.
Ki 23	414730N715305.1	LaRosa Macaroni Co.	1939	205	Drc	185	8	32	42(?)	Sand & gravel, & bedrock	33	10- -39	90	150	Ind	C. T 54° 6-13-50. Screen 32-42(?) ft.
Ki 24	415130N715334.1	Dayville Mfg.Co.		260	Dug	14.5	144			Sand & gravel	10.2	6-15-50			Ind.	
Ki 25	415059N715458.1	J. & M. O'Neal	1940	300	Drc	125	6	25	20	Bedrock	20	-40	30	65	Com	Hard clay 0-20 ft. Supplies filling station.
Ki 26	415124N715505.1	L. Harrington	1947	480	Drc	256	6	17	13	Bedrock	35	-47	15	60	Agr,Dom	Hard clay 0-13 ft.
Ki 28	415200N715335.1	J. Nash		275	Drc	91.3	6		14	Bedrock	15.9	3-13-62			Dom	
Ki 30	415106N715304.1	E. Gingras	-	260	Dug	25.9	28			Sand & gravel	23.3	9-13-50			Dom	Adequate in 1949; supplies 2 families.
Ki 33	414958N715345.1	Miss D. Day & Miss A. Day	1775±	305	Dug	29.6	48			Till	20.0 17.8	9-13-50 3-13-62			Dom	Very low in 1949, nearly dry in summer of 1957.
Ki 35	414649N715356.1	F. Palazzi & Sons	1950	180	Dug	17.4	28			Till	8.9	9-13-50			Com	Used by Conn. State Highway Dept. for washing trucks. Polluted as of 1950.
Ki 37	414647N715259.1	Sobourin		290	Dug	28.5	48			Sand & gravel	26.5	9-13-50			Aban	Adequate in 1949.
Ki 39	415033N715343.1	Kingswood Dairy Bar	1950	258	Drc	68	6	23	20	Bedrock	15	3- -50	50+		Com	Shallow-well pump used.
Ki 40	415020N715238.1	A. Gelinas	1950	265	Drc	75	6	22	20	Bedrock	10	9- -50	7.5	15	Dom	
Ki 41	415221N715240.1	R. Verranoault	1950	330	Drc	124	6	75±	75±	Bedrock	20	2- 5-50	5	104	Com	Hardpan, boulders, gravel 0-75 ft. Located beneath ice-cream stand, supplies filling station.
Ki 43	414949N715239.1	G. H. Lewis		250	Dug	20.4	30			Sand & gravel	18.9	9-20-50			Dom	Not dry in 1949.
Ki 44	415006N715248.1	Lehtinen's Poultry Farm	1945	240	Drc	75±	8	75±	75±	Sand & gravel	8	9-20-50			Dom	Formerly supplied chickens, now 3 houses.
Ki 45	414903N715312.1	Wojcik		220	Dug	15.7	36			Sand & gravel	13.7 12.4	9-20-50 3- -62			Dom	Adequate in 1949, not in 1957.
Ki 46	414852N715334.1	R. LaBelle		240	Dug	34.0	60			Sand	28.8	9-20-50			Aban	Silt came into well; failed in 1949 and later years.
Ki 48	415052N715407.1	O. Roux	1955	345	Drc	117	6	32	20	Bedrock	16	10-21-55	10	84	Agr,Dom	T 46° 4-17-58. Loam, hardpan 0-20 ft.
Ki 49	414848N715254.1	Milone	1956	245	Drc	150	6	22	22	Bedrock	20	9-16-56	3	20	Dom	
Ki 50	415027N715309.1	Knox Glass Co.	1957	242	Drc	72	10	62		Gravel	18	11-27-57	60	22	Ind	Screen, 80-slot, 62-72 ft. Gravel, 1/2 to 1/4-inch, 0-72 ft.
Ki 52	415123N715254.1	H. & J. Krumpols	1963	306	Drr	215	6	44	44	Bedrock	Flows	8- 7-63	70		Com	Flowing 10 gpm 8-63, head 10-15 ft above land surface; supplies restaurant.
Ki 53	415031N714925.1	E. W. Aldrich	1956	575	Drc	102	6	26	17	Bedrock	27	3-28-56			Dom	Hardpan 0-17 ft.
Ki 55	415054N715432.1			252	Dug	11.4	40			Sand & gravel	7.3	6-14-63	20	1.8	Aban	P. T 46° 6-14-63 well pumped. Observation well 1961-63.
Ki 56	415043N715307.1	H. Grist	1961	265	Drr	88±	6	88	100+	Gravel	32.5	9-28-61	30		Dom	C. Water high in iron, had strong taste and caused staining until softener was installed.
Ki 57	415042N715314.1	Mrs. L. Hall	1961	250	Drr	100	6	95	92	Bedrock	12	4- -61	75±		Dom	Penetrated sand, then hard white clay; overflowed for 1/2 hour after being drilled. Water high in iron.
Ki 58	415026N715239.1	M. Barton	1942	266	Drc	124	6	77	76	Bedrock	17	-42	20	33	Dom	Dug well 0-20± ft, fine sand with clay 20-76 ft.
Ki 59	415027N715234.1	H. Smith		268	Dug	20.6	24			Sand(?)	13.8	10- 2-61			Un	T 50° 10-2-61. Observation well 1961-62. Lower part may penetrate till.
Ki 60	414601N715322.1	Wauregan Mills	1961	198	Drc	41	8	31	41	Sand & gravel	4	3-27-61	510	17.5	PS	C. L. Screen, 60-slot, 31-41 ft.
Ki 62	415155N715259.1	E. L. Bramwell	1961	275	Drc	171	6		80	Bedrock	25	11-15-61	6	125	Dom	
Ki 63	415[illegible]'5257.1	F. Stott	1957	299	Drc	160	6	75	70	Bedrock		12-26-57	3	144	Dom	Sand, gravel and boulders 0-70 ft, black and white granit[illegible] 160 ft.

Table 1.--Records of wells and borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Killingly--Continued						
Ki 64	415103N715244.1	M. Foster	1957	335	Dug	23.2	30			Till	3.0	3-20-62			Dom	Gravel 1-4 ft, hardpan 4-21 ft. Dug. Jan. 1957, adequate that summer.
Ki 65	415055N715304.1	Killingly Central School	1957	290	Drc	350	8	90		Bedrock	50	8- -57	20		Inst	Test boring at base of terrace to east: fine sand 0-10 ft, sand, gravel 10-24 ft, fine gray sand 24-58 ft.
Ki 66	415105N715302.1	R. Gingras	1959	250	Drc	126	6	60	50	Bedrock	10	6-18-59	5	80	Dom	Gravel and boulders 0-50 ft.
Ki 67	415051N715311.1	C. Bernier	1961	255	Drc	142	6	82	70	Bedrock	27	6-26-61	25	≤33	Dom	Water quality satisfactory.
Ki 68	415043N715308.1	A. Dombrowski	1961	265	Drc	154	6	92	92	Bedrock	36	2- 1-61	15	64	Dom	Coarse sand 0-20 ft, fine yellow to gray sand 20-92 ft.
Ki 69	415044N715315.1	N. Rust	1961	253	Drc	160	6	95	88	Bedrock	22	4-22-61	25	≤38	Dom	C. Iron filter and softener used.
Ki 70	415037N715318.1	L. Pacheco	1961	265	Drc	130	6	120	105	Bedrock	38	9- 5-61	15	≤22	Dom	Water quality satisfactory.
Ki 71	415036N715319.1	F. Streb	1961	263	Drc	126	6	116	100	Bedrock	35	2- 5-62	20	≤5	Dom	Previous drilled well (1961) did not reach rock, pumped sand so was destroyed.
Ki 72	415039N715323.1	A. Wlaszkiewicz	1960	242	Drc	125	6	95	88	Bedrock	15	11- 9-60	20	≤45	Dom	Water occasionally rusty in the morning.
Ki 73	415047N715323.1	Mrs. E. Cotton	1961	242	Drc	100	6	90	84	Bedrock	20	6- 7-61	20	≤20	Dom	Water quality satisfactory.
Ki 74	415048N715318.1	W. Medbury	1961	243	Drc	125	6	90	84	Bedrock	20	2-27-61	20	≤40	Dom	Water sometimes rust-colored.
Ki 75	415048N715328.1	A. Sanchas & C. DeRoche	1961	250	Drc	125	6	102	96	Bedrock	25	6-15-61	15	≤35	Dom	Water quality satisfactory.
Ki 77	415003N715346.1	A. Hebert	1956	315	Drc	78	6	22	13	Bedrock	26	5-28-56	13	52	Dom	
Ki 78	415013N715239.1	F. Boudreau	1961	262	Drc	150	6	53	45	Bedrock	6	3-13-61	6	94	Dom,Com	
Ki 79	415026N715231.1	LaBree	1959	270	Drc	91	6	24	12	Bedrock	10	4-24-59	6		Dom	
Ki 81	414855N715344.1	Duff	1956	240	Dug	32	30			Fine sand	27	2-21-56			Un	Fine sand 2-32 ft. Failed in 1957; replaced by drilled well 70 ft deep finished in gravel, yield 15 gpm.
Ki 82	414851N715346.1	R. A. Warren	1959	242	Drc	146	6	102	96	Bedrock	41	8- 1-59	10		Dom	
Ki 83	414820N715316.1	E. Woodward	1960	235	Drc	133	6	36	14	Bedrock	20	2- 3-60	6		Dom	Hardpan 0-14 ft.
Ki 84	414809N715236.1	S. Billings	1956	312	Drc	147	6	57	57	Bedrock	5	4- 3-56	4	135	Dom	Loam and hardpan 0-57 ft.
Ki 85	414814N715234.1	M. Blumenthal	1957	318	Drc	80	6	56		Bedrock	1	4-24-57	8.5	64	Dom	Depth to bedrock 31 ft (owner), 56 ft (driller). Well commonly overflows. Water contains some iron.
Ki 86	414652N715341.1	E.LeBeau(builder)	1961	210	Drc	133	6	60	54	Bedrock	30	10-12-61	4	80	Dom	
Ki 88	414643N715348.1	C. Pappas	1960	220	Drc	109	6	60	34	Bedrock	20	8-17-60	15		Dom	
Ki 90	414640N715347.1	R. Reynolds	1956	230	Drc	150	6	40	40	Bedrock	15	1-21-56	14	85	Dom	
Ki 91	414640N715353.1	P. Pikel(builder)	1961	230	Drc	93	6	38	22	Bedrock	25	4-12-61	4.5 8	25 50	Dom	
Ki 93	414638N715351.1	V. Logan	1960	230	Drc	51	6	28	12	Bedrock	25	7-23-60	6		Dom	
Ki 95	414638N715352.1	P. Pikel	1960	230	Drc	62	6	33	12	Bedrock	25	11-17-61	20	≤15	Dom	Gravel 0-12 ft.
Ki 97	414639N715355.1	E. Piht(builder)	1961	225	Drc	65	6	26	21	Bedrock	25	10-14-61	20	≤15	Dom	
Ki 98	414624N715346.1	E. Cunneen	1960	255	Drc	134	6	40	36	Bedrock	20	10-21-60	4	105	Dom	
Ki 99	414641N715339.1	A. Langlois & S. Poudrette	1960	240	Drc	105	6	25	4	Bedrock	25	10- 4-60	15	55	Un	Water rusty, caused staining, had "fuel oil odor" and high bacteria count. Replaced by 2 wells, depths 53 and 413 ft, yields 7 and 2 gpm respectively.
Ki 100-176		Conn.State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Ki 178	414832N715202.1	D. Chabot	1961	415	Drc	84	6	45	30	Bedrock	5	7- 3-61	6	75	Dom	
Ki 179	414818N715118.1	W. J. Bourque	1959	408	Drc	110	6	30	13	Bedrock	18	9- 8-59	10		Dom	
Ki 180	414819N715014.1	R. R. Lemieux (builder)	1961	500	Drc	155	6	41	30	Bedrock	36	10-24-61	3	89	Dom	
Ki 181	414759N715110.1	A. J. Kaminski	1960	400	Drc	68	6	20	10	Bedrock	10	1-18-60	20		Dom	
Ki 182	415006N715010.1	R. Caron	1958	385	Drc	143	6	55	55	Bedrock	21	8-13-58	1.5	119	Dom	Sand and gravel 0-55 ft. A previous hole drilled 225 ft deep obtained no water.
Ki 183	415050N714931.1	Mrs. B. Harris	1960	535	Drc	128	6	128		Gravel (below till)	54	12-28-60	12	36	Dom	L.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Killingly--Continued						
Ki 183a	415050N714931.2	Mrs. B. Harris	Before 1900	535	Dug	49.3	19			Till	32.8	5-17-62			Aban	Observation well 1962-63. Inadequate in 1957.
Ki 184	415021N714927.1	M. Nason	1958	590	Drc	90	6	50	45	Bedrock	15	11-18-58	9	65	Dom	Boulders and hardpan 0-45 ft.
Ki 185	414738N714956.1	South Killingly Congregational Church	1960	565	Drc	118	6	75	65	Bedrock	20	1-12-60	20		Dom	Supplies former parsonage.
Ki 186	414727N714927.1	South Killingly Fire Co.	1961	650	Drc	110	6	30	18	Bedrock	5	12-16-60	7	70		Supplies fire station.
Ki 187	414828N715220.1	H. Gosselin	1958	372	Drc	140	6	55+	55	Bedrock	38	7-26-58	4	102	Dom	C. Hardpan, gravel, boulders 0-55 ft.
Ki 188	415048N715357.1	T. Billings	1956	290	Drc	125	6	40	40	Bedrock	32	2- 2-56	30	68	Dom	
Ki 189	415032N715137.1	Del Pesco	1959	380	Drc	149.4	6	22	12	Bedrock	16.5	4-19-62	6		Dom	
Ki 191	414638N715339.1	Hajoun	1961	235	Drc	83	6	21	10	Bedrock	14	2- 2-61	12	46	Dom	
Ki 193	414637N715336.1	B. & L. Builders	1961	236	Drc	79	6		6	Bedrock	15	12- 7-61	12	≤25	Dom	P.
Ki 194	414643N715334.1	H. Plantier, Jr.	1961	255	Drc	133	6	21	6	Bedrock	25	8-26-61	4	95	Dom	
Ki 195	414638N715153.1	N. Ross	1961	370	Drc	90	6	11	4	Bedrock	0	2-15-61	8	80	Com	Supplies Fish & Game Club camp; flows 10 months of the year.
Ki 196	414743N715206.1	R. L. Hutchins	1960	550	Drc	312	6	10	4	Bedrock	130	9- 1-60	2	170	Dom	First water at 245 ft.
Ki 197	414835N715230.1	H. Codding	1960	308	Drc	91	6	37	16	Bedrock	0	8-26-60	10	50	Dom	
Ki 199	414626N715340.1	A. Planchon (builder)	1961	252	Drr	125	6	34		Bedrock	24.7	9-14-61	16		Dom	C. P. T 51° 5-22-62 (well pumped). Hit large supply of dirty water at 40 ft; after drilling to 100 ft, filled hole with concrete, later redrilled and obtained water at 117 ft.
Ki 200	414627N715342.1	do	1961	252	Drr	147.5	6	27	22	Bedrock	23.8 18.8	9-14-61 5- 1-62	40+		Dom	Water enters below 145 ft. Observation well for pumping test of Ki 199.
Ki 201	414628N715340.1	P. Murphy		252	Drr	150	6	32	25±	Bedrock			8		Dom	P. T 51° 5-23-62 (well pumped).
Ki 202	414637N715334.1	R. Beausoliel (builder)	1962	240	Drc	71.5	6	32	16	Bedrock	5.4	4-27-62	20	<13	Dom	Hardpan 0-16 ft. Observation well for pumping test of Ki 193.
Ki 204	415013N715217.1	W. J. Wood	1962	340	Drr	80±	6	80	113+	Gravel (below till)	21	5- -62	75		Dom	Till 0-7 ft (U.S. Geol. Survey auger boring); gravel with some hardpan 0-80 ft (driller), coarse gravel or rotten ledge 80-113 ft.
Ki 206	415032N715032.1	R. Harrington	1956	455	Drc	158	6	35	30	Bedrock			7		Dom	
Ki 207	415011N715011.1	S. Barstow	1960	400	Dug	20.5	24			Silt(?)	13.1	5-24-62			Dom	C. Fill, loam 0-8± ft; very fine sediment with no stones 8-21 ft.
Ki 209	414938N715126.1	R. B. Logee	1956	525	Drc	128	6	30	23	Bedrock	25±	2- -56	30+		Com	Dug well penetrates hardpan 0-23 ft; drilled well penetrates bedrock below, obtained water at 114 ft.
Ki 210	414916N415050.1	G. Phillips	1961	420	Drc	114	6		32	Bedrock	15±		2.5		Dom	First water at 80 ft.
Ki 211	414912N715044.1	D. Wade	1954	420	Drc	360	6	27	14	Bedrock	42	5- -54	.5	358	Dom	First water at 70 ft.
Ki 212	414715N715200.1	Old Furnace State Park	1945	330	Drc	150	6	20	4	Bedrock	15	6- -45	1.5 3.7	20 115	PS	Hand pump.
Ki 213	414611N715038.1	K. Griffiths	1956	435	Dug	10.6	28			Till	6.2	5-24-62			Dom	
Ki 214	414731N715055.1	Murray	1957	380	Dug	24.6	24			Sand & till	10.3	6-13-62			Agr,Dom	Penetrates sand, then rocks mixed with muddy clay.
Ki 216	415212N715210.1	J.A.E. LaBelle	1960	300	Drc	190	6	55±	50	Bedrock	3	6- -60	3.5		Dom	First water at 160 ft.
Ki 217	415217N715204.1	R. Lamoureux	1960	300	Drc	60	6	57	57	Gravel	7.8	6-14-62	45	50	Dom	L. Casing stops just above bedrock, water enters from gravel.
Ki 218	415208N715139.1	R. LaBelle	1957	350	Drc	135.0	6	23.1	9	Bedrock	5.9	6-14-62	3	104	Aban	P. Never used, old dug well is adequate.
Ki 219-224		U.S. Geological Survey	1962		Bor										Test	L. Auger borings.
Ki 225	414607N715046.1	R. Brendan	1954	395	Dug	35.1	24			Gravel & till	27.0 30.4	8- 7-62 9- 6-62			Dom	T 50° 8-7-62, T 51° 9-6-62. Penetrates till below gravel.
Ki 227	415023N715153.1	F. White	1961	328	Drr	105	6	77		Bedrock	25	4- -61	3		Dom	
Ki 228	415027N715011.1	G. Shippee	1954	425	Drc	135	6	107	100	Bedrock	23	2- -54	15	52	Dom	
Ki 229	415112N714800.1	Mrs. E. Chapman	1940	594	Dug	13.4	32			Sand & gravel	8.7	8- 7-62			Dom	T 52° 8-7-62. Dry in 1957.

Table 1.--Records of wells and test ... --Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Killingly--Continued						
Ki 231	414721N714753.1	U.A. Hoapala	1930±	507	Drc(?)	17.0	6			Sand & gravel	12.7	7-19-62			Dom	Diam. 36 in., lined with stone 0-6.7 ft; clay tiles 6-inch diam. 6.2-17± ft.
Ki 232	414735N714743.1	State of Conn.		528	Dug	22.2				Sand & gravel(?)	12.0	7-19-62			Un	
Ki 233	415048N714742.1	L. Seigal	1958	650	Dug	13.1	33			Gravel	Flows	7-30-62	3±	0	Dom,Agr	T 54° 7-30-62. Overflows constantly through space between tiles 3 ft. below original surface; is also pumped. Bottom is on rock, possibly bedrock.
Ki 235	415010N715153.1	C. Renaud	1956	350	Dug	22.6	28			Gravel	19.2	8- 2-62			Dom	L. T 48° 8-2-62. Diam. about 14 ft at bottom.
Ki 236	415023N715032.1	A. Blystone	1961	363	Drc	43	6	10	8	Bedrock	3	Summer-61	35+		Dom	
Ki 237	414846N715118.1	H. Harriott, Jr.	1957	415	Dug	19.0	30			Gravel	15.3 16.0	8- 2-62 9- 6-62			Dom	T 48° 8-2-62. T 50° 9-6-62.
Ki 238	414731N715050.1	F. Shippe	1951	385	Dug	17.7	24			Gravel	14.6 15.2	8- 2-62 9- 6-62			Dom	Dry 2 months in 1957. T 52° 9-6-62.
Ki 240	414740N715031.1	M. Dinerman	1957	410	Dug	32.3	24			Till	16.2	8- 2-62			Agr	C. T 47° 8-2-62.
Ki 241	414737N715032.1	M. Atsales	1943	385	Dug	19.0	27			Sand & gravel	17.0	9- 6-62			Dom	T 50° 9-6-62.
Ki 242	414750N714812.1	L. Griffiths	1956	530	Drc	86	6	10	8	Bedrock			3.5		Dom	
Ki 243	414732N715033.1	Roberts		388	Drc	70.5	6	71(?)		Sand & gravel(?)	19.8	9- 6-62	20		Dom,Agr	C.
Ki 244	414744N715056.1	A. Carr		385	Dug	17.4	23			Sand	13.0 14.3	6-13-62 9- 6-62			Dom	T 53° 9-6-62. Inadequate in 1957, cleaned out, fine white sand at 18 ft.
Ki 245	414854N715059.1	P. Oliver		415	Dug	12.6	22			Sand & gravel	10.6	9- 6-62			Dom	T 51° 9-6-62. Water has "marshy" taste 9-62.
Ki 246	414914N715042.1	N. Gunderson		418	Dug	12.3	14			Sand	11.0	9- 6-62			Dom	T 57° 9-6-62. Water has slight taste 9-62. Inadequate in 1957, 1962.
Ki 247	414858N715037.1	E. Raninen		401	Dug	16.3	23			Sand & gravel	14.1	9- 7-62			Dom	T 55° 9-7-62.
Ki 248	414619N715058.1	O. Johnson		360	Dug	17.8	22			Sand & gravel	16.3	9- 6-62			Dom	T 56° 9-6-62. Inadequate but not quite dry in 1957.
Ki 249	414930N715101.1	Mrs. Airola		458	Dug	23.0	20			Till(?)	20.3	9- 7-62			Dom	Inadequate in 1957. Bottom is on rock, perhaps bedrock.
Ki 250	414754N715109.1	L. Young	1936	388	Drc	64	8	8+	7	Bedrock	10.6	6-13-62			Dom	
Ki 253	414830N715022.1	E. A. Davis	1948	425	Drc	175.8	6		22	Bedrock	11.5	8- 2-62	20	13	Dom	Drilled in dug well 22.1 ft deep. Water level in dug well 16.3 ft, T 50° 8-2-62. Drilled well overflows in wet weather.
Ki 254	415014N715220.1	R. Czupryna	1962	342	Drr	250	6	25	20	Bedrock			3		Un	Yield 0 before use of explosives.
Ki 254a	415014N715220.2	do	1962	342	Drr	380	6	20	20	Bedrock	39.1	6-20-62	0		Aban	
Ki 255	415049N714929.1	G. L. Chase	1962	535	Drc	229	6	136	135	Bedrock	43	7-27-62	6 10	60 110	Dom	C. Till 0-135 ft, except sand and gravel at 60 ft and 90-100 ft; ten quartzitic bedrock 135-229 ft.
Ki 258	414719N715046.1	Conn. State Highway Dept.		363		55									Test	L. Bridge foundation boring.
Ki 260	415026N715437.1	The Rogers Corp.	1962	225	Drc	55	6		17	Bedrock			20		Test	Sand 0-3 ft; yellow clay 3-6 ft; boulders and hardpan, thin sand at base 6-17 ft.
Ki 261-263		do	1962		Drc										Test	L. Water-supply test wells, unsuccessful, destroyed.
Ki 264	414843N715327.1	R. Strouse	1956	237	Dug	20.3	30			Gravel	16.2	11-15-62			Dom	Penetrates mostly coarse sand and pebble gravel. Adequate in 1957.
Ki 266	414753N715243.1		1962	270	Dug	9.9	30			Gravel	3.3	11-15-62			Dom	Penetrates mostly coarse gravel. Similar wells at 3 houses to south overflow through pipes 5.5 ft below surface most of the time.
Ki 267	414725N715311.1	S. LeFrancois	1935	189	Drc	102.0	8	80	80	Bedrock	24.0	12- 8-62			Dom	Suction line enters 6 ft below surface, pump has never broken suction. Casing measured 72.5 ft or more. Clay 0-29 ft, gravel 29-80 ft.
Ki 268	414723N715316.1	G. Pallotier	1957	172	Dug	18.6	42-30			Gravel	17 14.2	Summer-62 12- 1-62			Dom	Gravel 0-3 ft, clean sand 3-17 ft, fine gravel 17-18.6 ft. Lined with fieldstone 0-6 ft, solid poured concrete 6-13 ft, tiles below.
Ki 269	414723N715318.1	P. Allison	1957	179	Drc	74	6	74(?)		Gravel			5(?)		Dom	No screen.
Ki 270	414724N715322.1	Mrs. M. Dion	1948	170	Drc	174	6	79	54	Bedrock	9.1	12- 1-62	5		Dom	Supplies 3 houses.
Ki 271	414712N715311.1	F. Savarese	1952	215	Drc	97	6	91		Sand	58	10-25-52	36		Dom	Screen, 60-slot, 91-97 ft. A little rust in water occasionally.
Ki 272	414700N715320.1	E. A. Martin	1954	200	Drc	58	6	48		Gravel	25	Summer-60	30		Dom	Perforated casing, pea stone inside and outside, 48-58 ft. Formerly obtained small but adequate yield from 2-inch jetted well 42 ft deep, screen 39-42 ft.
Ki 273	414659N715321.1	E. A. Simoneau	1953	205	Drc	236	6	94	90	Bedrock	32	6- 3-53	6	58	Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Killingly--Continued						
Ki 274	414701N715323.1	E. W. Nash	1956	200	Drc	69	6	66		Gravel	35	8- -56	20		Dom	Perforated casing (?), crushed stone inside casing 66-69 ft.
Ki 275	414659N715325.1	J. L. LaPointe	1956	208	Drc	57	6	54		Gravel	18	11- -56	5		Dom	Screen and envelope of crushed stone (diam. 8 in.) 54-57 ft.
Ki 276	414656N715323.1	Poudrette & Cusson	1947	210	Drc	179	6	87	78	Bedrock	50.0	12- 3-62	5		Dom	
Ki 277	414655N715330.1	C. Dombek	1961	235	Drc	116	6	82	76	Bedrock	62	10-10-61	30	23	Dom	One seam at 102 ft, a larger one at 115 ft.
Ki 278	414656N715319.1	G. Carr	1959	226	Drc	84	6	82		Gravel	47	12-28-59	30		Dom	Filled with coarse gravel 72-84 ft, no screen.
Ki 279	414658N715310.1	Danielson Oil Co.	1956	220	Drc	68	6	63		Sand & gravel	44	9- -56	14		Com	Screen, 60-slot, 63-68 ft. Previous hole 100 ft southeast: depth 185 ft, bedrock 57 ft, no water from bedrock, probably none from overburden.
Ki 280	414659N715308.1	do		220	Dug	26.2	30			Gravel	23.0	11-17-62			Un	Has gone dry sometimes.
Ki 281	414658N715301.1	V. Basley	1959	277	Drc	90	6	63	57	Bedrock	28	6-12-59	7	52	Dom	
Ki 283	414657N715303.1	F. Lehmann	1961	275	Drr	143	6	93	90	Bedrock	28(?)		2		Dom	
Ki 284	414654N715258.1	do	1950	276	Dug	16.4	36			Gravel	9.5	12- 8-62	65±		Dom	Soil, clay (local deposit in swale) 0-5 ft, gravel 5-18 ft. Adequate in 1957.
Ki 285	414603N715321.1	Wauregan Mills	1962	200	Drc	28			28	Sand	5	11- -62			Test	L. Materials favorable for large yield but bedrock too shallow; destroyed.
Ki 286	414559N715324.1	do	1962	199	Drc	38	10	29	39	Gravel	5	11- -62	353 325	22.5 20.5	PS	L. Screen, 60-slot, 29-38 ft. Standby well.
Ki 287	414602N715359.1	W. Robillard	1952	210	Drc	183	8	45	45	Bedrock	8	10- -52	6		Dom	Former dug well penetrated gravel 0-42 ft, water level 41 ft in spring, dry in August.
Ki 288	414600N715405.1	K.L.B. Corp.	1959	175	Drc	109	6	61	55	Bedrock	15	7-28-59	7		Com	Supplies shopping center. Replaces 2 successive dug wells 18 and 25 ft deep in gravel; they provided ample supply but water developed objectionable color and odor.
Ki 289	414556N715422.1	F. F. Jolley	1958	180	Dug	24.2	36			Fine gravel	16.8	11- 8-62	370	.7	Com	Fill 0-5 ft; fine sand 5-18 ft; gravel, 1/4-inch, red at bottom 18-24 ft. Supplies ready-mix plant, max. use 1400 gph.
Ki 291	414548N715406.1	E. Deloge	1962	195	Drr	98	6 1/4	50	45	Bedrock			9		Dom	Water quality satisfactory. Water from former 18-ft dug well had unpleasant taste, enough detergent to cause thick suds when filling wash basin.
Ki 292	414547N715409.1	R. LeClaire	1958	197	Dug	28.6	30			Gravel	<20 13.6	Summer-62 12- 1-62	25		Dom	Gravel 0-12 ft, clay 12-26 ft, gravel 26-29 ft.
Ki 293	414546N715410.1	E. Joly, Jr.	1961	197	Drr	125	6	68	60	Bedrock	8	8- -61	37		Dom	No water enters 68-90 ft, 8 gpm 90-110 ft, 29 gpm 110-125 ft.
Ki 294	414708N715245.1	R. LaBrec	1961	302	Drc	105	6	105(?)		Gravel	15	Spring-52	14+		Dom	Hardpan in cellar hole. Well does not reach bedrock.
Ki 295	414710N715247.1	F.W. Wood, Jr.	1961	282	Drr	400	6		50	Bedrock	11	10- -62	1		Dom	Two charges of explosives had little effect.
Ki 296	414730N715247.1	M. Lancer	1957	255	Drc	124	6		42	Bedrock	15	Summer-57	11		Dom,Agr	
Ki 297	414737N715251.1	E. Gagnon	1959	242	Drc	64	6	40		Bedrock	6	10- -57	7		Dom	
Ki 299	414718N715100.1	H. Kranc	1960	440	Drc	175	6	21	14	Bedrock	40	6- 7-60	2.2		Dom	
Ki 300	415018N715211.1	Killingly Grange	1957	325	Drc	81	6	75	83+	Sand & gravel	16	6-11-57	5	44	Inst	Screen, 75-81 ft. Beneath building.
Ki 302	415029N715056.1	H. Owen	1954	455	Drc	114	6	103	105	Gravel (below till)	37	4-27-54	3	33	Dom	5 ft of 80-slot screen, 5 ft of 5-in casing used; depths not reported.
Ki 303	415047N714933.1	L. Blain & O. Bureau	1960	525	Drc	152	6	152	148	Bedrock(?)	30	8- 4-60	5	100	Com	Supplies Post Office.
Ki 304	415054N714924.1	Mrs. J. Lannon	1953	530	Drc	115	6	109		Gravel (below till)	30	7-11-53	10		Dom	Screen used.
Ki 305	415056N714920.1	R. Andamzyek	1957	540	Drc	125	6	90	84	Bedrock	24	9- 2-57	3	40	Dom	Also bailed at 5 gpm.
Ki 307	415058N714912.1	G. Mason	1954	590	Drc	117	6	112		Sand (below till)	66	9-24-54	45	3	Dom	Screen, 60-slot, 112-117 ft.
Ki 308	415057N714913.1	G. Sirrine	1953	590	Drc	104	6	93	97	Sand (below till)	60	4-23-53	10		Dom	Screen used.
Ki 309	415057N714858.1	P. Klein	1962	633	Drc	105	6	92	84	Bedrock	40	10-22-62	8		Dom	
Ki 310	415055N714855.1	M. Brayton	1954	620	Drc	118	6	87	80	Bedrock	33	7-31-54	2.5	81	Dom	
Ki 311	414800N715110.1	E. Baril	1955	400	Drc	44	6	21	11	Bedrock	18	8- 4-55	60		Dom	Water high in iron during summer months.
Ki 312	415006N715223.1	Arthur's Real Estate	1961	355	Drc	144	6	140		Sand (below till)	46	10-25-61	20	44	Dom	Also bailed at 30 gpm. Hardpan in cellar hole.

Table 1.--Records of wells and test holes--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
									Town of Killingly--Continued							
Ki 313	414856N715218.1	E. T. Clario	1960	400	Drr	117	6 1/2	18		Bedrock	24	11-10-60	12	93	Dom	
Ki 314	414825N715227.1	P. Millard	1960	315	Drc	80	6	39	33	Bedrock	14	8-23-60	30	11	Dom	Also bailed at 45 gpm.
Ki 316	414802N715244.1	C. Child	1957	270	Drc	85	6	58	51	Bedrock	14	10-25-57	45	70	Dom	
Ki 317	414726N715305.1	LaRosa & Sons	1955	200	Drc	72	6	54	48	Bedrock(?)	34	6-18-55	8	5	Dom	Also bailed at 18 gpm. Screen, 60-slot, 67-72 ft opposite "gravel seam" (perhaps seam is weathered rock, or possibly well penetrated boulder 19 ft thick).
Ki 318	414607N715308.1	W. Wiener	1962	215	Drc	32	6	29		Gravel	8	12- -62	30	11.5	Dom,Agr	Screen, 60-slot, 29-32 ft.
Ki 319	414609N715305.1	do	1957	255	Drr	265	6	42.8	38±	Bedrock	38.4	5-24-63	2.5		Aban	Gravel 0-38± ft, hard pink granite below. Failed in autumn of 1961.
Ki 320	414611N715238.1	E. Proulx	1961	352	Drc	88	6	9	8	Bedrock	17	Summer-61	6.5	70	Dom	
Ki 321	414900N715309.1	Mrs. W. Quintal	1957	235	Drc	40	6	40		Gravel			25		Dom	
Ki 322	414913N715309.1	M. Briere	1962	245	Drc	110	6		12±	Bedrock	15	Summer-62	20+		Dom	Original depth about 50 ft, yield 1.5 gpm. Boulders and clayey material 0-12 ft; bedrock at 12 ft (in trench to house).
Ki 324	415034N715246.1	T. Watson	1954	254	Drc	88	6	65	51	Bedrock	12	3-12-54	6 15	13 38	Des	Water quality satisfactory. New highway will cross well site.
Ki 325-328		Conn. State Highway Dept.													Test	L. Bridge foundation borings.
Ki 329	415255N715313.1	A. L. Tracy, Sr.	1938	352	Drc	137	6	16+	16	Bedrock	40	11- -38	20	10	Dom	C. Yield 10 gpm with drilling at 114 ft. Overflowed once 6 ft below surface, at time of major flood.
Ki 330	415237N715308.1	L. Stone	Before 1860	370	Dug	35.9	72±		(?)	Bedrock or till	31.7	6- 5-63			Dom	Often inadequate in late fall, winter; dry Nov. 1957 through Jan. 1958. Owner thinks well penetrates soft, rotten rock.
Ki 331	415236N715307.1	do	1958	378	Drc	106	6	51	45(?)	Bedrock	50	1- -58	3		Dom	Driller reports bedrock at 45 ft, owner reports soft, rotten shaly bedrock 5-45 ft.
Ki 332	415231N715234.1	A. Anderson	1953	360	Drc	50	6	30	23	Bedrock	13	7-20-53	50		Dom	Hardpan 4-8 ft at pool south of house.
Ki 333	415228N715234.1	Southern New England Tel. Co.	1953	352	Drc	60	6	13	1	Bedrock	Flows	6-18-53	50		Com	Data given with respect to present land surface, 10 ft below original; flow is small and intermittent.
Ki 334	415214N715255.1	M. Mondor	1960	275	Drc	164	6	66	60	Bedrock	6	1- 6-60	5		Dom	
Ki 335	415203N715252.1	A. Donais	1962	300	Drr	100	6	100±		Gravel			25		Dom	
Ki 336	415143N715200.1	E. Russell	1956	290	Drc	132	6	96	90	Bedrock	32	9-15-56	5	100	Dom	At 80 ft, yield 12 gpm from gravel; screen too expensive so drilled deeper.
Ki 337	415204N715321.1	M. Bodo	1961	292	Drc	42	6	17	11	Bedrock	20	9-25-61	45+		Des	New highway will cross well site.
Ki 338	415153N715336.1	J. Swank	1954	295	Drc	96	6	36	25(?)	Bedrock			7.5		Dom	
Ki 339	415214N715340.1	H. Jaffre	1960	277	Drc	35	6	35		Gravel			20		Dom	Mostly sand 0-10 ft.
Ki 340	415145N715420.1	Jacobs Rubber Co.	1962	263	Drc	61	12	46		Sand	11	6-24-62	165	15	Ind.	Screen, 30-slot 46-51 ft, 40-slot 51-56 ft, 50-slot 56-61 ft; envelope of Cape May filter sand 24-in diam.
Ki 340a	415145N715420.2	do	1962	263	Jet	62	2 1/2	54	65+	Sand & gravel	10	5-29-62	30	1.8	Test	L. T 50° 5-31-62. Screen, 10 or 20-slot, 54-62 ft. Drawdown measured in similar well 2 ft away. Destroyed; Ki 340 at same site.
Ki 341	415150N715430.1	do	1961	260	Dug	18	48			Sand & gravel	4	5-18-62	55		Aban	L. Crushed stone dumped in bottom. Yield of 200 gpm drops to 55 gpm after 8 hrs. pumping.
Ki 342	415150N715426.1	do	1962	265	Jet	78	2 1/2	78	78(?)	Gravel(?)	13	5-21-62	4		Test	L. Well destroyed.
Ki 343	415151N715426.1	do	1960	265	Jet	42	2 1/2	40		Fine sand	10	6- 6-60			Test	L. Foundation test boring.
Ki 345	415145N715421.1	do	1962	262	Jet	45	2 1/2	28	100+	Fine sand & gravel	7 9.7	5-25-62 6-18-63	26	4.3	Test	C. L. T 50° 5-25-62. Screen, 20-slot, 28-45 ft. Drawdown measured in similar well 2 ft away.
Ki 346	415136N715455.1	P. Bristow	1957	370	Drc	105	6	22	14	Bedrock			45		Dom	
Ki 347	415133N715423.1	R. Trahan	1961	254	Drv	13	1 1/4	10		Sand			6		Dom	Originally driven to about 28 ft, then pulled back a few ft at a time; yield less than 1 gpm each time until present depth.
Ki 349	415110N715422.1	A. Campbell	1948	258	Dug	12	30			Fine sand	4.2	6-26-63			Un	L. Analysis (3-17-55): iron 0.2 ppm, silica 0.8 ppm, ph 6.2. Hot water caused some staining, too turned black; rust accumulation on bottom of well 6-63.

Table 1.--Records of wells and test borings--Continued

Well no	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Killingly--Continued						
Ki 351	415056N715345.1	A. LeFevre	1962	265	Drc	118	6	98	92	Bedrock	25	11- 4-62	4		Dom	C. Seam at 95 ft yielded 45 gpm iron-bearing water; sealed off. Replaces well finished in gravel at 89 ft, no screen, iron in water caused severe staining.
Ki 352	415055N715344.1	S. Dehner	1961	265	Drc	82	6	68	62	Bedrock	26	3-23-61	15	29	Dom	
Ki 353	415052N715345.1	J. St. Rock	1960	264	Drc	75	6	62	57	Bedrock	23	9- 8-60	45	22	Dom	Water quality satisfactory. Water-bearing gravel just above bedrock.
Ki 354	415047N715354.1	A. Buskey	1959	275	Drc	118	6	29(?)	29	Bedrock	19	7- -59	45+		Dom	
Ki 355	415052N715333.1	A. Parent	1963	252	Drc	134	6		98	Bedrock	25	3- -63	5		Dom	L. Water quality satisfactory.
Ki 356	415052N715315.1	J. Tigue	1963	243	Drc	47	6	42		Fine gravel			9		Dom	C. L. Screen, 80-slot, 42-47 ft.
Ki 357	415048N715312.1	K. Romppainen	1961	265	Drr	325	6	55		Bedrock	34	4-30-61	65+		Dom	C. Water enters below 315 ft. No iron in water.
Ki 358	415043N715311.1	H. Wakefield	1961	255	Drr	95	6	79	74	Bedrock			100+		Dom	Very soft rock 74-79; black silt came in with water; water rusty, especially if boiled.
Ki 359	415040N715319.1	N. Cooke	1958	249	Drc	62	6	57		Sand	25	9-23-58	15		Dom	Also bailed at 30 gpm; screen probably used. Analysis (3-18-63, Montgomery Ward): pH 6.5, iron 1.7 ppm.
Ki 360	415037N715309.1	J. Raymond	1952	265	Drc	87	6	82		Sand	35	10-17-52	35		Dom	Screen, 82-87 ft. Water quality satisfactory 1952-1961; since then has rusty film and causes staining, except after pumping 1-2 hours.
Ki 361	414916N715335.1	H. E. Greene	1960	235	Drr	97	6	67	67	Bedrock			25+		Dom	
Ki 362	414850N715341.1	H. Laime		245	Drr	100	6	92		Bedrock	25		30		Dom	
Ki 363	415331N714852.1	C. E. Roth	Before 1900	620	Dug	20	24			Till					Dom	C. Hardpan 0-20 ft; bottom is on rock, perhaps bedrock.
Ki 366	415011N715030.1	Crystal Water Co.	1960	351	Drc	45	8	35	67	Sand			40		Test	L. Screen 35-45 ft. Well destroyed.
Ki 367	414816N715336.1	do	1953	202	Drc	80									Test	L. Well destroyed.
Ki 368	415036N715448.1	Rogers Corp.	1963	228	Drc	250	8	38	8	Bedrock	6	7-25-63	55	104	PS,ind	No more than 5 gpm from bottom 60 ft.
Ki 369-371		U.S. Geological Survey	1963		Bor										Test	L. Auger test borings.
Ki 372	414734N715320.1	Danielson Sewage Treatment Plant	1963	170	Drc	53	6	43		Gravel			200+		Inst	Screen, 80-slot, 43-53 ft. Test hole 300 ft west penetrated sand, silt, quicksand; stopped in gravel at 69 ft.
Ki 373	414856N715343.1	L. R. Desjardin (builder)	1963	242	Drc	109	6	83	74	Bedrock	35	7-12-63	20	≤25	Dom	
Ki 374	414807N715233.1	C. A. Cardinal	1963	335	Drc	143	6	39	33	Bedrock	15	10-24-63	6	128	Dom	Clay and boulders 3-33 ft.
Ki 375	415213N715254.1	P. Mondor	1963	278	Drc	68	6	64		Gravel	13	10-15-63	24	12	Dom	L. Screen, 60-slot, 63-68 ft.
Ki 377	415251N715223.1	Westview Manor Rest Home	1964	400	Drr	338	6	18	10	Bedrock	10	1- 2-64	7		Inst	
Ki 378	414955N714940.1	J. O. Kohl	1963	551	Drc	104	6	36	30	Bedrock	22	10-12-63	3	78	Dom	Hardpan 0-30 ft.
Ki 380	414940N714852.1	A. Warnus	1963	730	Drc	47	6	37	31	Bedrock	24	10-13-63	6.5	23	Dom,Agr	Boulders and clay 3-31 ft.
Ki 381	415019N715337.1	R. P. Girard	1963	303	Drc	75	6	48	42	Bedrock	18	10-11-63	2.5	57	Dom	Sand, boulders and clay 0-42 ft.
Ki 382	414633N715356.1	Piht & Pikel (builders)	1964	224	Drr	99.1	6	63.3		Bedrock	15.9	4-18-64	5		Dom	
										Town of Lisbon						
Ls 1	413526N715938.1	R. Anderson	1947	130	Drc	150	8	44(?)	12(?)	Bedrock	3	8-10-50	16		Com	Overflows in the spring. Supplies sanitary needs at store, factory.
Ls 2	413756N715920.1	W. M. Phillips		220	Dug	18.8	24			Till	17.2	8-24-50			Dom	Dry in October 1949.
Ls 3	413821N715939.1	W. Hawkes		200	Dug	17.5	28-48			Sand & gravel	15:2 11.8	8-24-50 5- 4-62			Dom	Bottom is on rock, probably bedrock; cleaned 1961, removed med-fine sand.
Ls 4	413515N720056.1	S. Wildowski	1957	272	Drc	75	6	66	57	Bedrock	18	7- 6-57	15	50	Com	Hardpan, boulders 4-57 ft. Supplies milk-bottling plant, swimming pool.
Ls 6	413323N720117.1	F. Tomlin	1955	100	Drc	110	6	18	14	Bedrock	10	Summer-55	30	8±	Dom	Shallow-well pump used. Yield 4 gpm when drilling reached 90 ft.
Ls 7	413829N720056.1		1962	343	Drc	53.7	6	16	12	Bedrock	18.0	6-30-62	4.5		Dom	T 45° 6-25-62. Boulders 1-11 ft, sand and gravel 11-14 ft.
Ls 8	413804N720044.1	E. Zububrowski	Before 1949	380	Dug	19.7	24			Till (?)	8.9	6-13-62			Aban	Replaced by similar well 70 ft away.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Lisbon--Continued						
Ls 9	413758N720049.1	J. Iwanicki	1957	382	Drc	79.2	6	79(?)	22+	Bedrock(?)	13.6	6-13-62			Dom	C. Drilled in dug well 22 ft deep which went dry in 1957.
Ls 10	413323N720207.1	Mrs. M. Wendell	1962	135	Drr	245	6	20	13±	Bedrock	21	8-10-62	2		Dom	
Ls 12	413335N720122.1	W. Belisle, Sr.	1950	170	Drc	108			14	Bedrock	11	10- -50	5	49	Dom	C.
Ls 13	413342N720101.1	Mrs. J. Dydo	1949	102	Drc	120	6		16±	Bedrock	40	Summer-49	20		Dom,Agr	C.
Ls 14	413346N720104.1	do	1960	98	Dug	11.1	156		2	Bedrock	2.9	8-13-62			Un	Standby well for emergencies; was blasted into rock.
Ls 15	413354N720157.1	J. Twarog	1951	246	Drc	105		8	8	Bedrock	20±	Autumn-51	5		Agr	Bedrock outcrop just south of well.
Ls 16	413401N720124.1	J. Blanchard	1958	257	Drc	85			8	Bedrock	0	3- -58	6		Dom	Well overflows in the spring and in wet seasons; water enters at 70 ft. Bedrock outcrop on east end of house, 6 ft from well. Water quality is satisfactory.
Ls 17	413410N720055.1	R. Duhaime	1960	222	Drr	140	6		22	Bedrock	26	9- -60	4	114	Dom	C. Water enters at 105 ft.
Ls 18	413417N720027.1	J. C. Adams	1961	123	Drc	72			22	Bedrock	30±	4- -62	10		Dom	C. Water conditioner used to remove iron. Iron-bearing water at next house to east also.
Ls 19	413432N720039.1	W. Oldfield	1951	210	Drc	128	6	36	36	Bedrock	17	9- -51	1.5	73	Dom,Agr	
Ls 20	413452N720020.1	W. Haden	1947	220	Drc	210	6	40	40	Bedrock	20	2- -47	10		Dom,Agr	Water enters chiefly below 175 ft; no iron in water.
Ls 21	413456N720044.1	D. C. Daland	1952	241	Dug	18.5	24		<18(?)	Bedrock & till	13.7	8-15-62			Dom	Deepened by blasting into rock; very low but adequate in 1957.
Ls 22	413501N720045.1	Mrs. H. Mell	1961	267	Drr	361.0	6	6±	6±	Bedrock	35.3	8-15-62	2.5		Dom	
Ls 23	413521N720036.1	M. Pendleton	1959	192	Drc	90	6	20		Bedrock	25	Summer-59	5	55	Dom	C.
Ls 24	413630N720022.1	R. Kramer	1955	228	Drc	151.7			8	Bedrock	38.7	8-17-62	4		Dom	
Ls 25	413612N715941.1	H. L. Gagnon	1941	144	Drc	65	6		62	Gravel(?)	19		22	38±	Dom	Gravel, sandy, gray 6-62 ft.
Ls 103-108		Conn. State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
										Town of North Stonington						
NSn 23	413034N715030.1	R. E. Mitchell	1946	450	Drc	191	6	23	22	Bedrock	11	2- -59	3.5	49	Dom,Agr	Drilled in dug well 22 ft deep. Water enters at 190 ft.
NSn 24	413029N715024.1	R. Palmer Est.		475	Dug	15.9	28			Till	6.1	4-14-59				T 42° 4-14-59. Always adequate since 1880.
NSn 25	413006N715041.1	Pendleton Hill Baptist Church		475	Dug	27.4	30			Till	3.3 21.5	4- 2-62 10- 1-62	.04	3.3	Obs	P. T 45° 4-14-59. Observation well since 1959.
NSn 26	413033N715213.1	Baptist Camp	1956	381	Drc	140	6		11	Bedrock	16	Spring-56	17		PS	Chloride 4.6 ppm, nitrate (as N) 0.01 ppm (State Health Dept, 6-25-56)
NSn 35	412927N715410.1	P. Shafer	1962	340	Drc	65	6	24	19	Bedrock			4		Dom	Drilled in dug well 18 ft deep which went dry every summer; water level in dug well 17.5 ft 9-28-63.
NSn 36	412952N715416.1	G. & E. Berg	1961	336	Drr	65	6	60	60	Bedrock	30	5- -61	45±		Agr	Sand and gravel 0-60 ft.
NSn 38	413020N715333.1	J. E. Grimshaw	1960	345	Drc	82	6	82	120+	Sand	30	1-29-60	10		Dom	Top of casing at bottom of 12-ft dug well.
										Town of Plainfield						
Pl 1	414054N715520.1	C. Starkweather	1900±	180	Dug	34.0	24			Sand & gravel	31.5	8-29-62			Obs	Observation well 1942-64. T 49° 3-29-63.
Pl 3	414130N715528.1	D. Solois		190	Dug	30.3				Sand & gravel	27.0	8-11-62			Dom,Agr	
Pl 4	414132N715517.1	E. E. Bazinet	1924	180	Drc	42.6	6	29.8	13(?)	Bedrock	19.1 23.2	8- 9-50 9-21-62	15		Dom,Agr	Shallow-well pump used.
Pl 5	414119N715521.1	A. Koopu	Before 1941	186	Dug	25.8	36			Sand & gravel	22.9 21.9	8-11-62 4-12-63			Aban	P. Water caused slight orange stain on fixtures. Very low in 1957 but not dry; replaced by Pl 298
Pl 7	413940N715606.1	S. Kranc	1950	170	Dug	30.2				Sand & gravel	19.5	4-22-62			Dom,Agr	Enough water in 1957.
Pl 10	413958N715503.1	Lewis Service Ctr	1952	163	Dug	12.8	36			Sand & gravel	10.4	9- 6-62			Com	
Pl 12	413847N715624.1	Hand Craft	1946	155	Drc	65	6	60		Fine sand			70±		Ind	Fine white sand entire depth; screen probably used. Supplies sanitary needs and boilers; several thousand gpd process water pumped from 2 dug wells.
Pl 13	413833N715650.1	Moskowitz Transportation Co.	1947	165	Drc	149.7	4	107.6	106±	Bedrock	23.6	5-21-62			Aban	Fine quicksand 0-106 ft. Original well 90-100 ft deep, 6-in diam, gravel dumped in casing; well pumped sand so 4-in inner casing driven to bedrock; hole abandoned after losing drilling tools.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
Pl 13a	413833N715650.2	Moskowitz Transportation Co.	1949	165	Drc	103				Sand			12		Com	Five ft west of Pl 13; driller believes it may tap gravel added to Pl 13.
Pl 16	414321N715511.1	J. Brisson		180	Dug	14.0	28			Sand & gravel	10.4	8-11-50			Dom	Quicksand gradually enters well. Adequate in 1957.
Pl 18	414257N715525.1	O. Rikula		178	Dug	18.1	48			Sand & gravel, & till(?)	12.6 14.0	8-11-50 8-11-62	6±		Dom,Agr	Lined with stone, 78-in diam., 0-11 ft; poured concrete wall, 60-in, 11-13.6 ft; open hole, 48-in, probably in till 13.6-18.1 ft.
Pl 19	414106N715452.1	Cliff's Mobligas Station	1940	260	Dug	21.2	24			Till	5.5	8-11-50			Dom,Com	Penetrates hard material, a lot of blue clay. Has overflowed.
Pl 21	414226N715638.1	E. Wood		215	Dug	32.0	28			Sand & gravel	20.3	8-15-50			Dom	Low but adequate in 1957.
Pl 22	414012N715649.1	G. Gosselin	1930	185	Drc	66.5	6	≥ 39.0		Bedrock(?)	13.8	4-12-63			Aban	Former Packer Road Tavern; building gone 4-63.
Pl 23	414107N715655.1	M. Breault	1929	164	Dug	44.0	24				Dry	8-17-50			Aban	Well point driven 12 ft below bottom, used in 1950; abandoned 1954.
Pl 24	414104N715654.1	A. Johnson		170	Dug	45.7	24			Sand &	43.5	8-21-62			Dom,Agr	Adequate in 1957.
Pl 25	413859N715446.1	A. Heilimaki		205	Dug	20.8	24			Till(?)	18.2	8-21-50			Dom	Auxiliary well.
Pl 27	414437N715350.1	J. Lamirande		220	Dug	16.1				Sand & gravel	14.1	8-22-50			Un	Not dry in 1949; replaced by drilled well.
Pl 30	414150N715329.1	W. Perreault	1950	330	Dug	19.0				Till	19.0	8-22-50	.1		Des	Boulders and till 0-12 ft, small flat stones of clay, layered, 12-18 ft; well incomplete 8-50.
Pl 31	414209N715315.1	Bergeron	1935	270	Dug	9.8	28			Sand & gravel	4.0	8-22-50			Dom,Agr	Plenty of water in 1957; used by fire dept. then to put out practice fires.
Pl 32	414221N715300.1	M. Silva		222	Dug	12.5	28			Sand & gravel(?)	6.7	8-22-50			Dom	Unfailing 1928-1962.
Pl 33	414240N715302.1	Union Water Works Co.	1935	235	Drc	250	6		65(?)	Bedrock	45±		35		PS	Supplies 60 tenements; water is chlorinated. Analysis (about 1950): iron 0.1 ppm, pH 7.3.
Pl 37	414248N715248.1	The Cranska Co.	Before 1914	225	Drc	110	6			Bedrock(?)	0±		38	90±	PS	C. T 52° 3-5-62. Supplies 350 persons (est.) and several commercial buildings; water is chlorinated.
Pl 38	414220N715244.1	M. Silva, Jr.		280	Dug	15.0	28			Sand & gravel	13.2	8-23-50			Des	Replaced by Pl 38a.
Pl 38a	414220N715244.2	do	1957	280	Drc	125	6	92	88	Bedrock	25	12- 8-57	7	100	Dom	
Pl 39	414151N715221.1	L. Gendron	1950	440	Dug	18.1	36			Till	13.6	8-23-50			Dom	Not dry in 1949.
Pl 44	414011N715358.1	A. Zvingilas		250	Dug	16.4	24			Till	14.2	8-24-50			Dom	Unfailing 1938-1962.
Pl 45	414010N715451.1	A. Speed		175	Dug	17.6	28			Sand & gravel	15.6	8-24-50			Dom	Water level low in 1962.
Pl 47	414204N715710.1	J. Mancini		315	Dug	44	72			Till	27.7	8-29-50			Dom	Failed in summer of 1959, was cleaned; adequate 1960-61.
Pl 48	414223N715713.1	T.A. Tetreault		345	Dug	21.1	36			Till	14.9	8-29-50			Dom	C. Inadequate but not dry in 1957.
Pl 51	414204N715424.1	Ruggiero		225	Dug	13.9	72			Till	7.5	8-30-50			Dom	Yield is barely adequate. Reported dry 9-4-62, auxiliary drilled well in use.
Pl 55	414423N715322.1	R. P. Tetreault		229	Dug	12.8	36			Till(?)	7.7	9- 5-50			Dom	
Pl 56	414357N715253.1	H. Brigham		315	Dug	12.6	48			Till	6.0	9- 5-50			Dom	C. Inadequate in 1957.
Pl 58	414338N715302.1	E. Tetreault	1948	325	Dug	22.8	28			Till	11.3	9- 5-50			Un	Sometimes low in autumn; replaced by Pl 58a.
Pl 58a	414338N715302.2	do	1955	325	Drc	120	6	78	55	Bedrock	14	11- 5-55	60	6	Dom,Agr	Drilled in Pl 58; hardpan 23-55 ft.
Pl 59	414318N715326.1	D. Richotte		290	Dug	17.2	24-96			Till	9.9	9- 5-50			Des	Low in 1949. Replaced by Pl 59a.
Pl 59a	414318N715326.2	do	1957	290	Drc	176	6	103	103	Bedrock	4	Summer-60	2.7		Dom	Drilled in Pl 59.
Pl 60	414322N715250.1	G. McCann	1890	320	Dug	21.6	28			Till	5.4 3.3	9- 5-50 11-25-61			Dom	Never dry.
Pl 61	414352N715434.1	W. Moffet		340	Drc	135	6		0	Bedrock				6	Dom	
Pl 62	414245N715318.1	S. H. Trask	1935	235	Drc	123	6	43	23	Bedrock	Flows(?)	Spring		30	PS	Supplied 165 persons (est) in 1950. Analysis (about 1950, State Health Dept): iron 0.1 ppm, pH 6.6, hardness 88 ppm. Auxiliary well nearby.
Pl 64	414306N715250.1	H. Merikle	1950	285	Drc	140	6	114	102	Bedrock	35		8		Dom	Water-bearing gravel 88-93± ft; clay above and below.
Pl 65	414541N715211.1	Conn.State Highway Dept.	1957	475	Drc	365	8			Bedrock	17		8.5	113	Com	Supplies maintenance garage.
Pl 67	414310N715114.1	R. Barron	1956	360	Dug	35.0	24			Till	7.4	5-24-60			Dom	Hardpan, very hard, 0-43 ft; backfilled with washed stone.
Pl 68	413947N715436.1	Lathrop	1956	200	Drc	94	6	25	25	Bedrock			10		Dom	Flows through vent pipe in cellar every spring.

Table 1.--Records of wells and test holes--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
P1 70	413922N715607.1	D. Dubriel	1956	169	Dug	22.0	30			Fine sand	18.9	4-21-62	4±		Dom	
P1 72	414145N715224.1	A. Bitgood	1956	475	Dug	26	30		20	Till & bedrock	11	9- 7-56	8		Dom	Hardpan 1-20 ft, ledge 20-26 ft.
P1 74	414325N715200.1	D. Ellis	1960	328	Drc	98	6	70	70	Bedrock	Flows	5-16-60	10	94	Dom	Hardpan in cellar hole.
P1 76	414355N715136.1	A. J. DeVirgillo		292	Dug	23.0				Sand & gravel	19.0	5-16-60			Dom	Old well, never dry. T 46° 5-16-60. Water causes slight yellow staining.
P1 77	414348N715105.1	A. Siitonen	1939	295	Dug	22.0				Sand & gravel	18.8	5-18-60			Dom,Agr	T 46° 5-18-60.
P1 79	414407N715150.1	A. Potvin	1958	285	Dug	9.0	36		10(?)	Sand & gravel	1.7	5-19-60				T 52° 5-19-60. Iron staining. Penetrates coarse gravel, then hardpan; large rock, possibly bedrock, at 10 ft.
P1 81	414420N715156.1	G. Bellavance	1959	320	Drc	98	6	22	22	Bedrock	11.0	5-19-60	2		Dom	Drilled in 22-ft dug well.
P1 85	414348N715206.1	G. Bellavance	1958	295	Drc	60	8	60		Gravel (below till)			4		Com	Drilled through clay and stones; ends in gravel. Supplies restaurant.
P1 86	414352N715217.1	W. Kenny	1959	330	Drc	210.0	6		80	Bedrock	33.5	5-19-60	12		Dom	
P1 87	414406N715215.1	Dumas	1957	285	Dug	9.0	48			Sand & gravel	3.0	5-19-60			Dom	T 50° 5-19-60.
P1 89	414450N715220.1	E. Pallilli	1957	405	Dug	20.0	36			Till	6.5	5-20-60			Dom	T 47° 5-20-60.
P1 90	414452N715207.1	G. Roper	1960	510	Drc	115	6	3	1	Bedrock	28.0	5-20-60	3		Dom	
P1 91	414448N715209.1	H. Roper	1958	500	Drc	220	10-4	6	3	Bedrock	70		4±		Dom	Diam. 10-in 0-80 ft, 8-in 80-115 ft, 6-in 115-200 ft, 4-in 200-220 ft, as recalled by driller. Previous drilled well 40 ft deep, yield 20 gpm, failed after 2 weeks use.
P1 93	414453N715224.1	P. E. Roper	1955	375	Dug	12.0	30			Till	2.0	5-20-60	1.5		Dom	T 50° 5-20-60. Never dry 1955-1959.
P1 94	414345N715207.1		1920	330	Dug	25.0	36			Till	13.5	5-20-60			Dom	T 48° 5-20-60. Has gone dry twice.
P1 95	414417N715227.1	D. Kivela	1959	375	Drc	213	6	9	3	Bedrock	42.5	5-20-60	3	155	Dom	C. Water enters near bottom of well.
P1 97	414256N715209.1	F. H. Barber	1896	303	Dug	18.0	36			Till	6.6	5-24-60			Dom	
P1 98	414311N715126.1			340	Dug	25.0	36			Sand & gravel(?)	17.6	5-24-60			Dom(?)	
P1 100	414312N715239.1	L. Maynard	1925	285	Dug	41.0				Till	11.4	6- 1-60			Dom	T 50° 6-1-60. Never dry.
P1 100a	414312N715239.2	do	1961	285	Drc	128	6	115	112	Bedrock	20	12- 9-61	20	≤40	Dom	Hardpan 0-80 ft, gravel 80-112 ft.
P1 101	414256N715133.1	L. Maynard, Jr.	1959	355	Drc	145	6	83	74	Bedrock	24		3		Dom	
P1 102	414236N715151.1	A. Slembab		305	Dug	19.0	40			Sand & gravel	13.3	5-24-60			Dom	Has been dry occasionally.
P1 104	414201N715137.1	M. Bellavance		415	Dug	23.0	36		23(?)	Till	11.3	5-25-60			Dom	Bottom is on rock, perhaps bedrock.
P1 105	414151N715102.1	F. Peterson		590	Dug	23.0	36		23(?)	Till	11.6	5-25-60			Dom	Bottom is on rock, perhaps bedrock
P1 106	414222N715216.1	T. Doyle	1956	325	Drc	110	6		27	Bedrock	26	10- -56	3.5		Dom	
P1 107	414317N715215.1	Mrs. B. DelMonico	1955	273	Drc	158	6	30	30	Bedrock	9		3		Com,Dom	
P1 108	414309N715204.1	R. DeSaulnier	1956	325	Drc	139	6	12	3	Bedrock	15		13		Dom	C.
P1 110	414322N715211.1		1918	310	Drc	300	6	17		Bedrock	Flows		5+	0(?)	Dom	C. Supplies 6 houses.
P1 112	414314N715221.1	L. M. Bennett	1958	265	Drc	103	6	90	80	Bedrock			7		Dom	
P1 113	414305N715155.1	C. B. Huber	1951	280	Drc	120	6	8	6	Bedrock			15		Dom	
P1 114	414303N715143.1	Brunswick Mill	1940	270	Drc	150	6	15	15	Bedrock	20		3		Ind	C. Supplies drinking water only.
P1 115	414337N715207.1	L. Ritchotte	1790	332	Dug	25.0	30			Till	7.4	5-23-60			Dom	T 48° 5-23-60. Never dry.
P1 116	413934N715627.1	P. Bernier	1955	186	Drc	110	6(?)		36(?)	Bedrock	40		5.5		Dom	C. Depth to rock 10 ft (owner), 36 ft. (driller)
P1 117	413922N715654.1	S. Chervenicky	1958	180	Dug	23.2	36			Till	18.3	6- 6-60			Dom	Gravel 0-3 ft, stones and clay 3-8 ft, very hard hardpan 8-23 ft.
P1 118	413916N715707.1	R. Beausoliel	1959	185	Drc	93	6	67	61	Bedrock	21	6-16-59	6		Dom	Gravel 0-25 ft, sand 25-51 ft.
P1 119	414114N715559.1	M. B. Smith	1959	190	Drc	105	6	32	25	Bedrock	20	11- 4-59	3	80	Dom	
P1 121	414303N715249.1	H. Bignisse	1944	277	Drc	170	6	107	104	Bedrock	19		35	81	Dom	Supplies 9 families.
P1 122	414230N715256.1	Aldrich Heights Water Co.	1936	215	Drc	212	6			Bedrock					PS	Supplies 47 families. Analysis (about 1950): iron <0.1 ppm, pH 7.4, hardness 64 ppm. Analysis (9-4-56): hardness 61 ppm, chloride 6.2 ppm
P1 124	414302N715459.1	J. Loyselle	1949	205	Drc	167	8	50	49	Bedrock	15		11		Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
Pl 125	414247N715458.1	J. R. Charron	1952	205	Drc	72	6	23	17	Bedrock	5	11- -52	15		Dom	
Pl 126	414312N715245.1	M. Slombab	1955	300	Drc	165	6	123	107	Bedrock	36	3-14-55	45	2	Dom	Hardpan, many boulders, some gravel 0-107 ft.
Pl 130	413924N715602.1	W. Hagge	1955	169	Drc	125	6	120	117	Bedrock			15		Dom	Sand and gravel, no quicksand 0-117 ft.
Pl 131	413934N715533.1	G. Zastowsky	1960	180	Drc	76	6	15	12	Bedrock	19		15+		Dom	
Pl 133	414306N715318.1		1955	318	Drc	125	6	119		Fine sand (below till)	4		4	111	Dom	Screen, 6-slot, 119-125 ft.
Pl 134	414301N715313.1	W. A. LaFlamme	1956	312	Drc	90	6	22	16	Bedrock	28	Winter-56	5.5		Dom	Drilled in old dug well.
Pl 136	414313N715330.1	L. Niineberg	1954	275	Drc	105	6	105		Gravel (below till)	20		4		Dom,Agr	
Pl 137	414249N715326.1	C. E. Tetreault	1951	220	Drc	51	6	11	4	Bedrock	1		8		Com	Overflows each spring. Supplies filling station.
Pl 138	414312N715329.1	J. Loakso	1942	280	Drc	300	6	124		Bedrock	17		6	92	Dom,Agr	Top of casing open in well pit; in spring, water flows from pit into well.
Pl 139	414304N715325.1	R. Bourque	1950	310	Drc	142	6	84	83	Bedrock	37		12		Dom	
Pl 140	414252N715315.1	A. Blanchette	1926	302	Drc	132			17	Bedrock	26		5		Dom	
Pl 141	414112N715409.1	O. Anderson	1951	265	Drc	49	6	16	8	Bedrock			7.5		Dom	Reduced yield, discoloration, and odor during dry periods in 1957 and another year.
Pl 142	414112N715406.1	E. LaTour	1950	265	Drc	110	6	30	30	Bedrock	20		3		Dom	
Pl 143	414111N715358.1	P. Gervais	1953	235	Dug	13	36			Sand & gravel(?)	4.0	6-20-60			Dom	Sand and gravel at bottom. Never dry 1953-1959.
Pl 144	413925N715532.1	E. D. Maloney	1951	185	Dug	19	31-41			Till	9.5 9	6-21-60 8- 1-61	22		Dom	Gravel 0-4 ft, white clay and stones (largest 75 lbs) 4-19 ft. Envelope of washed gravel 10 ft diam. around lower tiles. Never dry 1951-60; deepest water level about 14 ft.
Pl 146	413905N715405.1	M. Marcoux	1957	435	Dug	20	36			Till	10				Dom	Bottom is on rock, perhaps bedrock. Never dry 1957-59. Slight stain on fixtures.
Pl 147	443904N715315.1	E. Coolbridge	1955	475	Dug	15	24			Till	8.0	6-21-60			Dom	Never dry 1955-1959, but low in dry season.
Pl 148	413905N715252.1	M. Gurtin		515	Dug	20	36			Till(?)	6.0	6-21-60			Dom	Bottom may be sand and gravel. Dry in 1957.
Pl 150	413932N715312.1	W. D. Salisbury	1956	447	Dug	17.8	30			Till	12.7	9- 6-62			Dom	Water gets muddy in August if used heavily.
Pl 151	414057N715356.1	V. A. Loakso	1941	240	Drc	150	8	42	30	Bedrock	11.3	10- 3-62	25	4±	Dom	Shallow-well pump used, capacity 25 gpm. Supplies 5 families, formerly 80,000 pullets.
Pl 153	414356N715431.1	A. Hewitt	1958	340	Drc	109			6	Bedrock	26		1.5		Dom	C.
Pl 155	414343N715436.1	L. Brodeur		250	Dug	23	48		3	Bedrock	15				Dom	Never dry.
Pl 156	414336N715448.1	A. Michel		245	Dug	12.6	48		13(?)	Till	6.5 9.3	6-22-60 9- 4-62			Dom	Bottom is on rock, perhaps bedrock. Well has gone dry.
Pl 157	414321N715453.1	J. V. Wakely		183	Dug	16.1	24			Sand & gravel	14.7	9- 4-62			Dom	Dry in 1957.
Pl 158	414323N715424.1	do	1952	188	Drc	72	6	32	30	Bedrock	7	1- -52	30		Aban	Analysis in 1955 showed water was not potable.
Pl 160	414323N715435.1	F. W. Bushey		182	Dug	14.5	24			Sand & gravel	8.0	6-26-60			Dom	Never dry.
Pl 161	414319N715428.1	LaFrance Beverage Co.	1948	165	Drc	300	6	60	55	Bedrock	9±		50		Com,Dom Ind	Analysis 1960 showed some iron
Pl 162	414100N715426.1	Conn. State Highway Dept.	1957	208	Drc	272	8	16	16	Bedrock	0±		15		Com	Flowed when completed. Supplies maintenance garage.
Pl 163	413901N715600.1	W. LaFlamme	1961	160	Drc	80	6	75	75	Bedrock			5.5		Dom	
Pl 163a	413901N715600.2	do		160	Dug	16.2	24			Till(?)	12.1	8-19-61			Un	T 51.6° 8-19-61.
Pl 165	414032N715456.1	H. Dodge		195	Dug Drc	16.9 157.0	33 6		17	Till & bedrock	10.0	9- 8-61			Agr	T 51.3° 9-8-61. Dual well, top of 6-in casing nearly flush with bottom of dug well. Pump intake at 22 ft, yield inadequate most summers. Overflow pipe 6 ft below surface, well flows in the winter. Analysis (1959, Surge Co.): iron 2 ppm.
Pl 166	414118N715603.1	D. Walenta	1960	225	Drc	160	6	13	6	Bedrock	46.7	9- 6-61	3	110	Dom	T 48.6° 9-6-61. Till 0-6 ft.

Table 1.--Records of wells and test s--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Stat. (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
Pl 168	414145N715713.1	T.E. Tetreault	1960	285	Drr	203	6	15	15	Bedrock	> 49.0	3- 2-62	4	163	Dom	At 25 ft, a small flow pours into well 3-2-62; reported to flow all year. Principal water source at 180 ft.
Pl 169	414414N715227.1	R. Graveline	1959	370	Drc	175	6	22	8	Bedrock	17	7- 2-59	3		Dom	Hardpan 0-8 ft.
Pl 170	413948N715520.1	Trebor Soil Co	Before 1950	178	Dug	20.6	36			Sand	13.0	8- 7-61			Com	T 50.5° 8-7-61. Bad smell, yellow color, used only for toilets.
Pl 171	414239N715652.1	E. Pudlo		260	Dug	16.9	36			Till(?)	15.9	10- 5-61			Dom	Bottom is till.
Pl 172	414232N715456.1	E. W. Simonds	1961	202	Dug	17.7	36		18(?)	Gravel	17.1	10-23-61			Dom	Sandy till 0-2± ft; coarse, dirty gravel 2-18 ft; bottom is on rock, perhaps bedrock.
Pl 173	414302N715446.1	A. Wilcox	1961	190	Drr	102.5	6	85	80	Bedrock	25.9	10-25-61	7	75	Dom	L. Water enters chiefly from seam at 100 ft.
Pl 174	414229N715231.1	R. Stalaboin	1960	280	Drc	95	6		20(?)	Bedrock	15	5- -61	10+		Dom	Hardpan in cellar hole.
Pl 176	414256N715317.1	F. D. Gwynar	1920	315	Drc	104	6	13	13	Bedrock			4		Dom	
Pl 177	414254N715305.1	Merchants & Farmers Trans. Co.	1945	245	Drc	103	6	26	24	Bedrock	Flows	3- -62	30	84	Dom,Com	
Pl 180	414314N715304.1	R. Pearce	1947	295	Drc	81	6	54		Bedrock	4		20	56	Dom	
Pl 181	414316N715252.1	L. Frechette	1959	315	Drc	138	6	90		Bedrock	4	8- -59	35	76	Dom	Unused dug well nearby, water level 1.4 ft below surface 11-25-61.
Pl 182	414317N715240.1	Mrs. L. Mott	1957	285	Drr	93	6	83		Bedrock			5		Dom	C. Yield of 25 gpm also reported.
Pl 184	414318N715307.1	S. Piolunek	1958	290	Drc	101.4	8	20±	14±	Bedrock	7.3	11-25-61	50	70±	PS	Pump runs 40 seconds, off 2.5 minutes 11-25-61. Well flows when not used.
Pl 185	414036N715533.1	Gallup Water Service	1961	164	Drc	64	18	50		Gravel	11.1	3- 5-62	1,500	9.5	PS	C. L. P. Screen, 120-slot, and envelope of Cape May stone 49-64 ft; envelope of concrete 0-21 ft. Pump capacity 1000 gpm. First used 7-62.
Pl 185a	414036N715533.2	do	1961	164	Jet	63	2 1/2	51		Gravel	12	10-26-61	65		Test	L. P. Screen, 1 1/4-inch diam, 30-slot, 51-63 ft.
Pl 186	414037N715534.1	do	1961	165	Jet	60	2 1/2	57		Gravel	11	10-27-61	20		Test	L. Screen, 1 1/4-inch diam, 20-slot, 57-60 ft.
Pl 187	414035N715538.1	do	1961	168	Jet	68	2 1/2	57		Gravel	14	10-30-61	50		Test	L. Screen, 1 1/4-inch diam, 20-slot, 57-68 ft.
Pl 188	414307N715259.1	P. Moreau	1958	286	Drc	171	6	123	120±	Bedrock	15	9- -58	4	150	Dom	
Pl 189	414308N715301.1	J. Deltac	1954	285	Drc	103	6	97		Fine sand (below till)	4 11	Winter Summer	5.5	85	Dom	Screen, 6-slot, 97-103 ft.
Pl 190	414303N715301.1	F. Damato	1954	265	Drc	134	6	100	93	Bedrock	5	8-11-54	6 30	27 95	Dom	
Pl 191	414258N715304.1	O. Potvin	1953	255	Drc	164	6	53	44	Bedrock	0±	11- -53	10.5	64	Dom	Also bailed at 30 gpm. Supplies 7 families.
Pl 192	414246N715314.1	J. Krauss	1938±	250	Drc	175	6		20±	Bedrock			40		Dom	Supplies 6 families.
Pl 194	414222N715252.1	A. Lucier	1959	255	Drc	124	6	77	60	Bedrock	25	6- 4-59	8		Dom	
Pl 195	414252N715300.1	O. Ravenelle	1946	245	Drc	66	6	38		Bedrock	Flows	4- -62	30(?) 60	0 5	Dom	Has flowed continuously since 1946.
Pl 196	414326N715256.1	D. Collins	1962	323	Drc	85	6	21	18	Bedrock	7	3-25-62	25+		Dom	Black soft shaly ledge 18-85 ft.
Pl 197	414243N715237.1	E. Bebeau	1959	305	Drc	130	6	14	3	Bedrock	10	5-22-59	3		Dom	
Pl 198	414233N715325.1	M. Lukin	1961	280	Drc	108	6	18	11	Bedrock	12	5- 6-61	5	88	Dom	Hardpan 0-11 ft.
Pl 199	414229N715336.1	J. Woyasz & C. Moskaluk	1958	305	Drc	160	6	98	98	Bedrock	0	6- 4-58	25	40	Dom	Supplies 2 houses.
Pl 200-243		Conn. State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Pl 245	414115N715603.1	R. Vezina	1959	210	Drc	96	6	11	5	Bedrock	27	3-24-59	13		Dom	
Pl 246	414313N715215.1		1960	270	Drc	315	6	28	12	Bedrock	Flows	Continuous	1.5 10	0 175	Dom	T 50.6° 6-12-62. Observation well (temporary) 1962-63. Hardpan 0-12 ft.
Pl 247	414306N715152.1	E. Marcoux	1958	285	Drc	107	6	40	40	Bedrock	17	5-15-58	10	83	Dom	
Pl 248	414311N715353.1	L. Jalkenen	1962	205	Drc	205	6	31	25	Bedrock	17	5- 1-62	7.5	185	Com	C. Medium sand with pebbles 0-10 ft (observed); boulders, sand, and gravel 10-25 ft (reported). Seam at 75 ft yields 3 gpm.
Pl 249	414322N715424.1	F. Wakley	1958	185	Drr	200	6	50	32	Bedrock	20	4- 5-58	5	180	Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
Pl 250	414307N715414.1	Miss A. Gaudreau	1961	175	Drc	60	6	24	15	Bedrock	4	6- 3-61	8	46	Dom	Gravel 0-15 ft.
Pl 251	414310N715404.1	R. Symington	1959	215	Drc	128	6	45	40	Bedrock	26	8- 4-59	10	64	Dom	Clay and boulders, hardpan 0-40 ft.
Pl 252	414335N715046.1	T. Robitaille	1953	375	Drc	201	6	40	40	Bedrock	40±		1		Dom	
Pl 253-282		U.S. Geological Survey	1962		Bor										Test	L. Auger borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Pl 284	414323N715519.1	R. Jernstrom	1957	190	Drc	84	7		74	Bedrock					Dom	
Pl 285	414321N715519.1	A. Jernstrom	1959	186	Drc	57	6	50		Bedrock & sand	25	11- -60	15		Dom	Gravel 0-7 ft, fine sand 7-10 ft, fine sand and boulders below. Water enters chiefly from sand, around end of casing.
Pl 286	414320N715516.1	do	1956	180	Dug	32.1	30			Gravel	27.3	5-22-62			Un	L. Water level about 32 ft every summer.
Pl 287	414307N715513.1	R. Bedard	1960	180	Dug	9.5	24			Till & sand	4.6	8-11-62			Dom	Sand and gravel 0-7± ft, sandy till 7-9.5 ft. Gravel envelope around tiles.
Pl 288	414312N715502.1	F. Hendrickson	1960	168	Drc	78	6	40	38	Bedrock	8	12- -60	23		Dom	Water enters at several depths.
Pl 289	414300N715447.1	M. Messier	1961	195	Drc	52	6	52		Gravel	27	11- -61	25+		Dom	C. Sand, thin gravel layers 0-48 ft; gravel, 1/8-inch, 48-52 ft.
Pl 290	414256N715458.1	G. Loiselle	1960	235	Drc	181	6	49	44	Bedrock	35		2.5(?)		Dom,Agr	Stony clay, many boulders 0-44 ft.
Pl 291	414403N715215.1	A. E. Ravenelle	1959	290	Drc	82	6	14	6	Bedrock	18	7-10-59	5		Dom	Gravel 0-6 ft.
Pl 293	414601N715050.1	E. Aalberg	1961	340	Dug	9.9	28			Gravel	7.5	8- 7-62			Dom	T 52° 8-7-62. Gravel 0-10 ft; tiles to 8 ft, open hole below.
Pl 294	414240N715421.1	J. Oliver	1959	215	Drc	109.8	6	18.0	9	Bedrock	17.8	9- 6-62	5	92	Un	P.
Pl 295	414237N715505.1	N. Racicot	1957	180	Dug	10.7	78			Gravel & sand	6.4	8-11-62			Dom	No staining, but bleach turns water red.
Pl 296	414239N715615.1	G. S. Brown	1959	159	Drc	79	6	35	35	Bedrock	18	6- -59	15+		Dom	C. Mostly gravel 0-35 ft.
Pl 297	414139N715523.1	C. Bazinet	1957	182	Dug	21.6	24			Sand & gravel	19.1	8-11-62			Dom	C. Inadequate in 1957.
Pl 298	414120N715523.1	A. Koopu	1957	190	Drc	110	6	110		Gravel	25		10		Dom,Agr	Sand and gravel 0-35± ft; fine sand 35-100 ft; gravel, 1/4-inch, 100-110 ft.
Pl 299	414114N715536.1	H. Shoppard	1953	170	Drc	65	6	60		Sand & gravel	12		20		Agr	Screen, 60-slot, 60-65 ft. Water is sometimes cloudy. House supplied by 25-ft driven well.
Pl 300	414118N715536.1	P. Poulin	1937	286	Dug	28.7	24			Sand & gravel	26.1	9- 6-62			Dom	
Pl 301	414117N715545.1	R. Baslle	1955	191	Drc	101	6	94	94	Bedrock	29	4- -55	20+		Dom	Gravel 0-20 ft, very fine sand 20-94 ft.
Pl 303	414119N715601.1	L. Beauregard & P.Vezina	1962	215	Drc	63	6	16	12	Bedrock	15		18	<35	Dom	
Pl 304	414122N715604.1	P. Vezina(builder)	1962	205	Drc	341	6	24	12	Bedrock	12		6	238	Dom	Gravel 0-12 ft.
Pl 305	414112N715638.1	J. Blevins	1962	192	Drr	350	6	50±		Bedrock	28	4- -62	1.5		Dom	Cased off substantial yield from bedrock at about 40 ft, suspecting pollution; see Pl 305a. Water enters at 150 ft, none below.
Pl 305a	414112N715638.2	do	1958	192	Drc	42	6	15	14±	Bedrock	22	4- -58	60+		Un	Water enters at 40-42 ft. Pronounced sudsing noted, spring 1962. Replaced by Pl 305.
Pl 306	414101N715640.1	A. Gigi	1954	188	Drc	36.0	6	35		Sand & gravel	23.0	9- 7-62	55		Dom,Agr	Screen used, reported depth 35-39 ft.
Pl 307	414108N715657.1	M. Breault	1955	190	Drc	188	6	95(?)		Bedrock	80(?)	12- -55	6		Dom	
Pl 308	414008N715658.1	Packerville Baptist Church	1949	180	Drc	131	6	21		Bedrock					Dom	Casing cemented.
Pl 309	413836N715644.1	C. L. Morin	1960	165	Drc	165	6	140	140	Bedrock			30±		Dom	Fine sand above rock. Reliability of record uncertain.
Pl 310	413838N715635.1	K. Griswold	1949	162	Dug	25.8	30		98+	Gravel	20.2	8-18-62			Dom,Agr	Adequate 1949-1962. Penetrates chiefly fine sand to clay, with 6-in layers of pea gravel. Wells drilled nearby in 1927 to 98 and 68 ft through mostly fine sediment; no screens, gravel dumped in casings; yields adequate but excessive sand so were destroyed.
Pl 311	413911N715549.1	G. & E. Rollo	1958	171	Drc	74	6	25	20±	Bedrock			10		Dom	Supplies 3 houses.
Pl 313	414015N715449.1	R. E. St.Jean	1962	180	Drr	158	6	30	30	Bedrock	6	4- -62	4		Dom	
Pl 314	414051N715345.1	G. Morrell	1949	300	Drc	94	6	25±		Bedrock	18		4	47	Dom	
Pl 315	414051N715342.1	do	1952	300	Drc	165	6	30±	30±	Bedrock			24+		Com	Water enters chiefly at 96 ft.
Pl 317	414310N715249.1	I. Barber	1947	302	Drc	107	6	107		Gravel(below till)	30	7- -47	30		Dom	Fine gravel dumped in casing. Hardpan in cellar hole.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
Pl 319	414315N715242.1	Mrs. H. Haskell	1947	300	Drc	176	6	96	95	Bedrock	30		30	6	Dom	Supplies 8 families.
Pl 320	414325N715244.1	do	1939	310	Drc	295			95±	Bedrock			2.5		Dom	Water enters chiefly from top few feet of bedrock.
Pl 321	414316N715239.1	L. Fanning	1961	285	Drc	112	6	102	90	Bedrock	20	3-27-61	20	≤40	Dom	Hardpan 0-30 ft, gravel 30-90 ft. Supplies 2 families.
Pl 324	414321N715439.1	Mrs. F. Broadhead	1962	177	Drc	81	6	33	31	Bedrock	10	11-24-62	30+		Dom	L.
Pl 325	414257N715530.1	A. Cormier	1962	165	Drc	105.0	6	41.2	38	Bedrock	7.3	11-12-62	10		Dom	Coarse gravel 0-38 ft. Water level in hole around casing 5.2 ft 11-12-62.
Pl 326	414323N715455.1	A. Tillinghast	1955	195	Drc	90	6	60	53	Bedrock	22	6-17-55	45	28	Dom	
Pl 327	414008N715451.1	R. Caouette	1954	175	Drc	35	6	29	40+	Sand	13	8-21-54	4.5	8	Dom	Screen, 40-slot, 29-35 ft.
Pl 328	414011N715335.1	W. Gluck	1949	415	Drc	150	6	13		Bedrock	13	Summer-49	2		Agr	Water enters chiefly at 50 ft, none below.
Pl 329	413935N715357.1	L. P. Thibault	1961	395	Drr	248	6	12	3	Bedrock	2		5		Dom	About 1 gpm enters above 200 ft, about 4 gpm below.
Pl 331	413929N715351.1	Bourque	1960	422	Drc	112	6	12		Bedrock			4		Dom	Penetrates small cavity at 80 ft.
Pl 332	413927N715349.1	R. Martin	1960	420	Drc	60	6	15		Bedrock	10		35		Dom	
Pl 335	413927N715346.1	A. Planchon	1962	424	Drr	66				Bedrock	10		50		Dom	Drill cuttings white and powdery to 60 ft, no water; then large chunks of "brown quartz", much water.
Pl 336	413928N715346.1	R. Melo	1962	424	Drr	135	6	16		Bedrock	26		15	54	Dom	Water enters from "brown quartz rock" at 70 and 120 ft; rock above and below is white.
Pl 337	413921N715348.1	A. Planchon	1959	450	Drc	82	6		7±	Bedrock			10		Dom	
Pl 338	414221N715246.1	R. Ouiletta & E. LaRose	1956	277	Drc	106	6	85		Bedrock			20		Dom	
Pl 339	414222N715247.1	N. Robitaille	1960	270	Drr	104	6	75		Bedrock			15		Dom	
Pl 340	414244N715253.1	Methodist Church & DeSaulniers Bros. Super Market	1957	232	Drc	98	6	54		Bedrock	18	8-29-57	30	27	Com,Inst	
Pl 341	414249N715255.1	Delaney Motors	1953	245	Drc	122	6	87	78	Bedrock	17	2-25-53	30		Com	
Pl 342	414250N715257.1	Mroz & Salisbury	1957	245	Drr	125	6	95		Bedrock			10		Dom	Supplies 2 houses.
Pl 343	414253N715302.1	G. & R. Allard	1954	245	Drc	100	6	63	53	Bedrock	2	1- 4-54	30	68	Dom	Supplies 2 houses.
Pl 345	414300N715304.1	G. Nichols	1961	260	Drc	74	6	43	37	Bedrock	8	8-18-61	5	42	Dom	
Pl 346	414306N715256.1	R. Trkula	1957	281	Drc	135	6	112	106	Bedrock	25	6-20-57	30	80	Dom	Two-family house.
Pl 347	414308N715232.1	C. Collins	1951	265	Drc	148	6	95	89	Bedrock	16	10-30-51	11	59	Dom	Four-family house.
Pl 348	414324N715213.1	G. House	1962	306	Drr	52	6	52	45(?)	Bedrock(?)			6		Dom	Penetrates "broken ledge" 45-52 ft.
Pl 349	414329N715205.1	F. L. Roediger	1957	325	Drr	200	6	100		Bedrock	0	9- -57	1.5		Dom	Overflows into cellar 6 ft below surface every winter; water enters chiefly at 150 ft.
Pl 350	414338N715203.1	L. Webber	1962	332	Drr	200	6 1/4	138		Bedrock			6		Dom	
Pl 351	414350N715206.1	A. Collello	1962	288	Drc	120	6	120		Gravel (below till)	Flows	Continuous	1.9	0	Com	Head at least 7 ft above Moosup Pond 4-20-63; no pump needed. Supplies restaurant.
Pl 352	414401N715142.1	H. Joly	1962	289	Drc	165	6	119	116	Bedrock	15	3-20-62	3.5	85	Dom	
Pl 353	414412N715129.1	F. Zak	1953	320	Drc	100	6	25	19	Bedrock	22	10- 8-53	1		Dom	
Pl 354	414322N715321.1	W. Nadeau	1962	295	Drc	140	6	140		Sand (below till)	10	4- -62	30	<30	Dom	
Pl 355	414335N715309.1	T. Banas	1961	315	Drr	135	6	95	90	Bedrock	15±	7- -62	20(?)		Dom	
Pl 357	414441N715245.1	R. Sumner	1956	255	Drc	65	6		<15	Bedrock			6±		Dom	
Pl 358	414526N715205.1	D. Cournoyer	1962	510	Drr	240	6	10	2	Bedrock	30	4- -62	3		Dom	Yield 1 gpm when drilled to 180 ft.
Pl 359	414535N715206.1	H. C. White	1955	445	Drc	116	6	5	5	Bedrock	30	Summer-55	50		Dom	Yield 3 gpm when drilled to 85 ft; water enters chiefly from soft rock below 112 ft.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Plainfield--Continued						
Pl 360	414533N715410.1	A. LaPre	1962	210	Drr	218	6	106		Bedrock			3		Dom	Yield 1.5 gpm when drilled to 140 ft. Rusty scum forms on standing water; slight yellow staining of clothes.
Pl 361	414533N715414.1	E. A. Elvins & J. Gobo	1960	211	Drc	130	6	92	90	Bedrock	25	6-22-60	20	95	Dom	Gravel 0-30 ft, cemented boulders 30-60 ft, hardpan 60-90 ft. Replaces 35-ft drilled well, no screen, water probably iron-bearing.
Pl 362	414534N715411.1	Harkins & Sabrowske	1957	210	Drc	105	6	89		Bedrock					Dom	Water enters chiefly from crevice near top of bedrock; same is true of several nearby wells. Cement slurry dumped in similar well across road was pumped from this well.
Pl 364	414459N715306.1	A. Cote	1949	230	Drc	118	6		90	Bedrock	10	Summer-49	12		Dom	Gravel 0-15 ft, quicksand 15-90 ft. Water enters chiefly at 118 ft, some at 100 ft.
Pl 365	414522N715323.1	Field Concrete Co.	1959	210	Drc	180	6	52	48	Bedrock	15	11-17-59	5		Ind	Used for drinking only.
Pl 366	414513N715321.1	Dunning Sand & Stone, Inc.	1961	240	Drc	61	6	57	61	Sand & gravel	27	4-15-61	10	13	Dos	Screen, 57-61 ft. Also tested at 20 gpm. Well pumped sand; water had low pH, high iron. Screen pulled, well deepened 1962.
Pl 366a	414513N715321.2	do	1962	240	Drc	284	6	70	61	Bedrock			40+		Ind	Same hole as Pl 366.
Pl 367	414512N715322.1	Mazur Concrete Block	1948	228	Drc	50	6	45		Gravel	14		100	11±	Ind	Screen, 45-50 ft. Formerly supplied 4,000 gpd for ready-mix plant. Water quality good 1948-54, may be iron-bearing 1963.
Pl 368	413920N715703.1	R. Tourangeau	1962	178	Drc	100	6	48	38	Bedrock	15	10- 4-62	6	80	Dom	
Pl 369	413930N715638.1	T. Dupere	1963	160	Drc	115	6	65	40	Bedrock	7.8	4-12-63	20	≤52	Dom	
Pl 370	414033N715617.1	R. Gluck	1951	178	Drc	100	6	59	53	Bedrock	18	8-24-51	1.8		Dom	
Pl 371	414041N715605.1	J. Gluck	1937	178	Drc	33.3	6	29.5		Gravel(?)	20.1	4-12-63			Agr	Casing may be deeper than measured. Another drilled well finished in gravel nearby.
Pl 372	414150N715702.1	A. Dapsis	1959	315	Drr	280	6 1/2		110	Bedrock	100	2- -60	25	50	Agr,Dom	3 gpm enters at 160 ft, the rest below 270 ft.
Pl 373	414243N715254.1	H. Tripp	1959	234	Drc	91	6	80		Bedrock			8		Com	Supplies Post Office.
Pl 374	414238N715259.1	Kaman Aircraft Corp.	1936	228	Drc	155				Bedrock			37		Ind	Used 22,698 gpd 5-24-63.
Pl 375	414236N715303.1	do	1963	220	Drc	280	6		60	Bedrock			17+		Ind	L. Yield tests during drilling: depth 70 ft, 3 gpm; 150 ft, 7 gpm; 200 ft, 10 gpm; 240 ft, 30 gpm(?).
Pl 376	413815N715714.1	E. Gutknecht	1956	160	Drc	115	6		52	Bedrock			25		Dom	A lot of fine sand above bedrock.
Pl 377	414246N715319.1	A. D. Bitgood	1962	235	Drc	255	6	22	9	Bedrock	27	10-15-62	15	≤63	PS	
Pl 378	414318N715247.1	A. J. Constantino	1962	313	Drc	122	6	82	75	Bedrock	8.1	4-20-63	15	≤22	Dom	Hardpan 0-75 ft.
Pl 379	414306N715127.1	F. Robideau	1962	345	Drc	203	6	86	50	Bedrock	22	8-25-62	12	63	Dom	Hardpan 0-50 ft.
Pl 380	414310N715224.1	Delta Rubber Co.	1963	246	Drr	475	6 1/2	74	65	Bedrock	3	7- -63	3	397	Ind	Located at rear of factory, 320 ft from road. Two more wells east of factory: depth 210 ft, yield 7 gpm; depth 300 ft, yield 2.5 gpm. Test well nearby penetrated nothing favorable above bedrock.
Pl 381	414514N715235.1	Conn. State Highway Dept.	1960	340	Drc	305	8	48	29	Bedrock	6	9-16-60	8.5	144	Com	L. Filters used, apparently for iron removal. Supplies 2 filling stations on Conn. Tpke.
Pl 382	414518N715437.1	U.S. Geological Survey	1963	197	Bor	87	4				28+				Test	L. Auger boring.
Pl 383	414130N715557.1	Hilldale Water Co.	1963	170	Dug	31.0	24	8		Gravel	2.0	4- 6-64	140		PS	Fine-grained sediment 0-5 ft, pebble-cobble gravel 5-32 ft. Slotted concrete tiles 8-32 ft.
Pl 383a	414130N715557.2	do	1963	170	Jet(?)	40	2 1/2			Gravel	3	10-23-63			Test	C. Pumping this and a similar well together at 97 gpm caused 1.5 ft drawdown in a 3rd well; all 3 wells mutually 2 ft apart.
Pl 385	413923N715655.1	A. Michaud	1964	180	Drc	155	6	18	10	Bedrock	15	2-10-64	2.5	135	Dom	
Pl 386	413939N715552.1	A. Kasputes	1964	168	Drc	134	6	90	86	Bedrock	20	4- 7-64	7	105	Dom	Sand with some beds of 1/4-inch gravel above rock.
Pl 401-428		American Radiator & Standard Sanitary Corp.													Test	L. Test wells and foundation borings.
Pl 429-431		Conn. State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.

Table 1.--Records of wells and test ps--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Pomfret						
Po 2	415025N715735.1	M. T. Fritz		492	Dug	25.3	36			Till	7.7 8.1	9- 8-50 6-24-63			Dom	C. Never dry as of 1950.
Po 3	415133N715738.1	Pomfret Community School	1948	291	Drc	268	6		28	Bedrock	25	9- 8-50	5		Inst	
Po 7	415135N715932.1	R. McLaughlin	Before 1941	520	Dug	21.4	24			Till	14.9	6-19-63			Un	Adequate for house through 1949, not for cattle. Replaced 1950 by dug well north of house, depth 22.2 ft, all hardpan, adequate 1950-1962.
Po 8	415141N715837.1	F. Clark		408	Dug	15.1	40±			Till	9.4	6-21-63			Dom	C. Land surface raised near well; original depth 13.5 ft. Dry in 1949.
Po 10	415220N715847.1	H. Sealy-Brown, Jr.		540	Dug	12.7	144			Till	6.1 5.1	9-11-50 6-22-63			Agr	Formerly supplied house, sometimes inadequate during droughts.
Po 15	415054N715534.1	L. R. Hilton		225	Dug	29.6	48			Sand & gravel	25.2	9-12-50	4		Dom	Adequate in 1949, 1957.
Po 17	415219N715945.1	E. Chase	1946	460	Drc	115	6	86	65	Bedrock	15	10-17-46	6.5		Dom,Agr	
Po 18	415141N715958.1	D. Robbins		482	Dug	19.3	36			Till	15.1	9-12-50			Des	Adequate in 1949, inadequate in 1957. Taste and odor ascribed to dead fish-worms.
Po 18a	415141N715958.2	do	1959	482	Drc	150	6	56	50	Bedrock	6	3- 2-59	10	13	Dom	Also bailed at 45 gpm. Overflows occasionally. Replaces Po 18.
Po 19	415138N715757.1	L. Ryan		325	Drc	185	6	31	26	Bedrock	20		20		Dom,Agr	
Po 29	415441N715722.1	Mrs. H.C. Holt	1929	425	Drc	384	6	50		Bedrock	15	9-27-50	25		Dom,Agr	Supplies 2 families, 50 cattle.
Po 33	415345N715657.1	G. Morissette	1962	485	Drc	400	6	10		Bedrock	32±		5		Dom,Agr	Original depth 207 ft, yield 1 gpm(?), inadequate.
Po 35	415235N715616.1	Mrs. McCall		455	Drc	650	6			Bedrock			40		Dom,Agr	Overflows in wet season. Bedrock outcrops near well.
Po 37	415317N715621.1	C. A. Torr	1949	380	Drc	140	6	74	65	Bedrock	28	10-28-49	8		Dom,Agr	Supplies 100 cattle.
Po 38	415350N715555.1	J. Lengyel		450	Dug	31.5	36			Till	14.0	9-27-50			Un	Formerly supplied 15-bed convalescent home; adequate in 1949.
Po 41	415140N715754.1	R. Daigle	1956	320	Drc	70	6	15	15	Bedrock	15	5-20-56	3	35	Dom	
Po 42	415232N715814.1	H. Blodgett	1956	465	Drc	255	6	46	46	Bedrock	Flows	10- 6-56	6	110	Dom	
Po 44	415000N715732.1	E. Carter	1958	505	Drc	102	6		70	Bedrock	20	4-18-58	12		Agr, Dom(?)	Alternating layers of black soft rock and hard rock 70-102 ft. Two other drilled wells near barn, 65 ft to bedrock, unused due to poor water quality.
Po 45	415139N720030.1	E. Prichard	1957	535	Drc	216	6	105	105	Bedrock	Flows	3-26-57	30	25	Dom	Hardpan and clay 0-105 ft.
Po 46	415128N720030.1	Abington Congregational Church	1957	555	Drc	219	6	46	46	Bedrock	9	1-28-57	10	110	Dom	Hardpan and boulders 0-46 ft.
Po 48	415134N715740.1	Pomfret Community School	1959	290	Drc	307	6	43	35	Bedrock	13	5-16-59	40	27	Inst	C. Chlorination, filters, and activated carbon filter used.
Po 49	415346N715808.1	K. Marshall	1961	585	Drc	322	6	121	113	Bedrock	35	7-21-61	6	95	Dom	C. Hardpan 0-113 ft.
Po 50	415433N715818.1	P. Quigley	1959	575	Drc	200	6	23	6	Bedrock	30	10-27-59	3	170	Dom	
Po 51	415435N715834.1	F. W. Stanton	1959	610	Drc	87	6	27	6	Bedrock	14	8- 6-59	12	56	Dom	Clay and boulders 0-6 ft, brown shale and slate 6-50 ft, gray granite 50-87 ft.
Po 52	415225N715909.1	W. Lambert	1957	550	Drc	216	6	94	94	Bedrock	38	6- 4-57	12	62	Dom	C. Cartridge filter used to remove iron. Hardpan and clay 0-94 ft.
Po 53	415141N720045.1	K. Howe	1959	550	Drc	210	6	60	60	Bedrock	10	3-28-59	7	80	Dom	
Po 54	415131N720031.1	C. Griggs	1956	545	Drc	207	6	60	60	Bedrock	0	3-17-56	3.5	207	Dom	Hardpan 0-60 ft. Overflows through vent pipe sometimes.
Po 55	415049N720059.1	Mrs. R. Newton	1957	645	Drc	224	6	40	40	Bedrock	7	2-14-57	6	93	Dom	C.
Po 56	414908N720028.1	J. Lord	1955	520	Drc	300	6	15	0	Bedrock	60	1-12-55	5		Dom,Agr	
Po 57	415055N720150.1	Cunningham		621	Dug	15.4	24			Till	7.0	4-26-62			Un	
Po 58	415050N720237.1	L. King		721	Dug	20.7	20			Till	12.1	4-26-62			Aban	
Po 60	415210N720036.1	Col.E.B.Dennis		580	Dug	17.0	26			Till	11.7	4-26-62	.01	1.1	Aban	P. Observation well 1962-63.
Po 62	415221N720058.1	do		635	Dug	12.9	25			Till	6.2	4-26-62	1.7	1.1	Aban	P. Observation well 1962-63.
Po 63	415217N720105.1	do		660	Dug	14.2	30			Till	7.7	4-26-62			Aban	
Po 64	415302N720221.1	Miss J.A. Murphy		775	Dug	12.0	22			Till	7.8	4-27-62	.8	1.8	Aban	P. Observation well 1962-63. T 47° 6-22-63(well pumped).
Po 65	415420N710220.1	E. Sirrine		817	Dug	25.4	24			Till(?)	19.0	7- 2-62			Dom	Adequate 1958-61.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Pomfret--Continued						
Po 66	415357N720209.1	Mrs.E.K.Medbury	1958	815	Dug	16.9	30			Till	5.4	6-30-62			Dom	C.
Po 67	415358N720205.1	do	1957	851	Drc	220	6	55±					0		Des	No water obtained.
Po 68	415401N720054.1	L. Saunders	1945	538	Dug	14.6	24			Till(?)	6.0	5- 7-63			Dom	Adequate 1945-62.
Po 69	415322N720158.1	J.E. Williams		780	Dug	6.8	30			Till	1.9	6-30-62			Aban	Located 192 ft west of road.
Po 70	415312N720232.1	E. Geer	1942±	820	Drc	34.3	6(?)		20±	Bedrock	8.1	7-28-62	2+		Dom	Previously, a well drilled to 280 ft. near house, abandoned due to inadequate yield.
Po 71	415137N720151.1	F. Currier	1956	673	Drc	252	6	20	9	Bedrock	40	9-13-56	30	5	Dom	No water above 240 ft, main source at 247 ft.
Po 73	415134N720126.1	R. Kent	1961	654	Drc	130	6	30±	18	Bedrock	30	11- -61	25+		Agr	C. 5 gpm enters at 105 ft, more at 120 ft.
Po 74	415136N720113.1	Erskine & Trepal	1962	615	Drr	200.5	6 1/4	20		Bedrock(?)	14.8	6-27-62	1.5		Un	T 49° 6-27-62. Water enters around bottom of casing and at 150 ft. Drilled to replace dug well, use delayed because water was murky.
Po 75	415116N720158.1	R. Seifert	1947	642	Dug	17.5	18		9	Bedrock & till	7.1	6-27-62			Dom	Adequate 1950-61, except 4 months in 1957.
Po 76	415044N720220.1	H. F. Paine	1957	680	Dug	21.4	30			Till	2.5	6-27-62			Un	Used occasionally when older dug well near house fails.
Po 77	415015N720237.1	W. Wolchesky	1955	665	Drc	181	6	43	36	Bedrock	19	12-20-55	3 4	61 156	Dom	C. Some water enters at 120 ft.
Po 78	415100N720048.1	E.F. Clark Memorial Corp.	1947	639	Drc	126	6	38	28	Bedrock	23	6- 7-47	60		Inst	Water enters at about 100 ft. Supplies clinic.
Po 79	415026N720103.1	R.V. Harris	1953	640	Dug	24.0	24			Till	15.7	6-25-62			Dom	
Po 80	415013N720106.1	E. Robbins	1957	602	Drc	79	6	20	14±	Bedrock	2		15	62	Dom	Well overflows 2 ft. below land surface.
Po 81	415007N720054.1	J. Smutnick,Jr.	1962	594	Drc	92	6	58	50	Bedrock	28	3- -62	5.5		Dom	Water enters at 68 ft. Supplies 2 houses.
Po 82	414951N720039.1	F. Gorman	1961	498	Drr	233	6 1/2	77	73	Bedrock	15	5- -61	2		Dom	C. Hardpan, very firm, 0-73 ft; water enters at 200 ft.
Po 83	414944N720016.1	J. Kimball	1960	458	Drc	400.0	6	12	9	Bedrock	22.2	7-21-62	0		Aban	
Po 84	414943N720014.1	do	1960	471	Drc	250	6	9	6	Bedrock	8	3- -60	.1		Dom	Water enters at 90 ft; well developed by blasting. Some rust in water.
Po 85	414923N720029.1	T. Slye	1960	482	Drr	492	6	20	12	Bedrock			0		Des	500 lbs of dynamite used, did not increase yield.
Po 86	414922N720028.1	do	1960	478	Drc	148	6	10	8	Bedrock	5	9- -60	2+		Dom	Water enters at 10 ft, none below. Fuel oil(?) present in well 8-30-61.
Po 87	415350N715555.2	J. Lengyel	1960	450	Drc	154	6	108	103	Bedrock	20	6-27-60	7	80	Dom	
Po 88	415351N715605.1	R. Jodoin	1957	430	Drc	102	6	74	68	Bedrock	38	7-19-57	6	10	Dom	Also tested at 9 gpm.
Po 89	415349N715605.1	O. Steinbrick	1960	430	Drc	113	6	84	78	Bedrock	28	6-20-60	10	42	Dom	Also tested at 20 gpm.
Po 90	415210N715635.1	A. W. Etchells	1955	480	Drc	109	6	65	60	Bedrock	15	6-10-55	6	65	Dom	Water cloudy on 1 or 2 occasions.
Po 91	415352N715745.1	M. Deal	1962	580	Drc	142	6	28	21	Bedrock	45	5-23-62	10 17	55 97	Dom	
Po 92	415300N715834.1	J. Kempf	1955	480	Drc	121	6	94	88	Bedrock	22	3-16-55	6	30	Dom	Also tested at 14 gpm.
Po 93	415321N715907.1	G. Boss	1957	740	Drc	213	4	194	188	Bedrock	150	1- 9-57	7		Dom	
Po 94	415222N715846.1	H. Seely-Brown	1953	545	Drc	383	6	32	13	Bedrock	25	3-30-53	15	125	Dom,Agr	Some rust accumulation and staining prior to installing water softener in 1957.
Po 95	415224N715743.1	D. French	1958	340	Drc	104	6	35		Bedrock	1	autumn-58	15+		Dom	Overburden and soft bedrock 0-30 ft; water enters at 52 and 96 ft. Soft, rotten, slabby "shale ledge" 1-8 ft, in hole north of house.
Po 96	415148N715734.1	E.B. Bosworth	1946	312	Drc	185	6	94		Bedrock	31	10- -46	25	69	Dom,Agr	
Po 97	415055N715526.1	W. Murdock	Before 1900	250	Dug	18.9	65±		17	Sand & bedrock	14.2	5-17-63			Dom	Failed in 1957, adequate 1961-62.
Po 98	415013N715601.1	Idle Wild Farm	1959	240	Drr	222	6	40		Bedrock	40(?)	5-26-59	42±	180	Ind	Four other drilled wells on property, yields 10 to 30 gpm; maximum use 60,000 gpd.
Po 99	414939N715604.1	F. Jones	1958	255	Drc	91	6	60±	60±	Bedrock	0	Summer-58	25+		Dom	Layers of sand, clay, gravel 0-60 ft; 2 gravel layers each yielded about 6 gpm.
Po 100-103		Conn.State Highway Dept.													Test	L. Bridge foundation borings.
Po 104	415134N720220.1	J. Sawin	1960	615	Dug	14.4	30			Gravel	8.8	5- 8-63			Dom	Clean gravel and boulders 0-15 ft; adequate 1960-62.
Po 105	415242N720134.1	Windham County 4-H Foundation	1962	518	Drc	194	6	23	17	Bedrock	20	12-12-62	6 9 19	52 128 174	Inst	

Table 1.--Records of wells and test holes--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Pomfret--Continued						
Po 107	415053N715550.1	U.S. Geological Survey	1962	218	Bor	83	4								Test	L. Auger boring.
Po 108	415330N715747.1	Doal	1954	590	Drc	111	6	78	72	Bedrock	25	8-17-54	3 5	43 85	Dom	
Po 109	415414N715557.1	E. C. Fisher	1948	436	Drc	296	8		80	Bedrock	19		30+		Com	
Po 110	415341N715929.1	Miss E. Peterson	1958	658	Drc	150	6	18	18	Bedrock	37		4.5		Dom	
										Town of Preston						
Ps 2	413236N715943.1	W. Wisneski	1957	210	Drc	90	6	12	8	Bedrock	15	5-10-57	2.5	55	Dom	
Ps 4	413142N715943.1	P. O'Connell	1956	165	Drc	121	6	21	19	Bedrock	30	8-24-56	8	20	Dom	Boulders 0-10 ft, coarse gravel 10-19 ft.
Ps 5	413222N715900.1	H. Gonsowski		275	Dug	31.0	36			Bedrock(?)	21.6	5- 5-58			Un	Rarely goes dry.
Ps 30	413147N715915.1	C. Woodmansee	1940	160	Dug	23.7	24			Sand & gravel	18.5	9-25-61			Dom	Water quality satisfactory.
Ps 32	413128N715848.1	Bibor's Egg Farm, Inc.	1950	150	Dug	11.1	28			Sand	6.0	9-27-61			Un	T 60° 9-27-61. Formerly supplied 60 cows, later 2800 layers; never dry 1950-60. Observation well 1961-62.
Ps 33	413122N715858.1	Mrs. P. Garino	1947	158	Drc	115	6	115		Gravel	20	1- -47	40±		Dom	Gravel 0-3 ft, very fine silty sand 3-105 ft, pea gravel 105-115 ft. Water contains some iron.
Ps 34	413142N715833.1	Preston City Baptist Church	1957	180	Drc	102	6	17	17	Bedrock			10		Inst	C. This well and nearby drilled wells yield yellow or rusty water.
Ps 35	413150N715953.1	F. Armstrong	1959	145	Drc	128	6	33	28	Bedrock	14	7-25-59	1	112	Dom	C. Water often has pale yellow color. Pump broke suction several times 8-61, with intake at 125 ft; otherwise adequate 1959-61.
Ps 38	413206N715932.1	B. Brummett	1961	168	Drc	85	6	16		Bedrock	18±	10- -61	6	67±		C. Some iron in water.
Ps 39	413145N715908.1	Preston School	1958	166	Dug	25	36			Sand	14±		350+		Inst	Envelope of crushed stone, 8 ft diam, surrounds lower tiles. A dug well 16 ft deep is also used.
Ps 39a	413145N715908.2	do	1940	165	Drc	27	4			Sand					Aban	Abandoned because it pumped sand.
Ps 40	413142N715905.1	J. V. Chotl	1930	165	Drc		6			Bedrock(?)					Dom	Much deeper than Ps 40a. Softener and neutralizer used; water formerly caused discoloration of clothes and had awful taste.
Ps 40a	413142N715905.2	do	1930	165	Drc	36.6	5	34.3+		Sand, or bedrock	11.2	8-22-62	5+			Used to water lawn, garden. Water is rusty when first pumped, but probably contains less iron than Ps 40.
Ps 41	413141N715901.1	A. Hedler	1961	165	Dug	17.1	24			Gravel	10.9	6-11-62			Dom	Gravel 2-17 ft.
Ps 42	413144N715850.1	C. G. Thurston	1946	165	Dug	12.9	24			Very fine sand	8.0	6-11-62			Com,Dom	When water is low, pump draws orange very fine sand, but water is free of iron. Very low in 1957.
Ps 43	413146N715847.1	A. P. Steffenson, Jr.		166	Drc		6								Dom	Filter tank used to remove iron.
Ps 44	413334N720009.1	C. Robinson	1962	268	Drc	81			35	Bedrock	27±	7- -62	12		Dom	Water quality satisfactory.
Ps 45	413248N720051.1	J. A. Socha		112	Dug	17.6	30			Till(?)	14.9	8- 8-62			Agr	
Ps 46	413242N720021.1	Mrs. S. Tattala	1944	170	Drc	200		20±	20±	Bedrock	60±		.75		Dom,Agr	
Ps 47	413227N720118.1	R. Rondeau	1960	201	Drc	60	6	30		Bedrock	5	2- -60	17	27	Dom	Iron 1.9 ppm, pH 6.6 softener and neutralizer used.
Ps 48	413221N720108.1	J. Radler	1952	202	Drc	130	6		16	Bedrock	8	Summer-52	25+		Dom,Agr	Water quality satisfactory.
Ps 49	413202N720110.1	L. Parkhurst	1949	232	Drc	110		30±	30±	Bedrock	25	Autumn-49			Dom,Agr	Shallow-well pump adequate 1949-52. Water contains considerable iron. Drilled in dug well 22 ft deep.
Ps 50	413158N720041.1	R. A. Davis	1952	227	Drc	205	6	37±	37±	Bedrock	15±		16		Dom,Com	Original depth 160 ft, yield 9 gpm. Water quality satisfactory.
Ps 52	413155N720008.1	G. Smiley	1952	149	Drc	120	6	30		Bedrock	15±		8.5	65	Dom,Agr	Iron content of water is slight.
Ps 53	413234N720119.1	Mrs. Benoit	1961	190	Drc	110	6	70	67	Bedrock	20	4- -61	10	60	Dom	C. Softener used to remove iron.
Ps 54	413146N715641.1	F. Niewiarowski	1939	254	Drc	78.8	8	35±	20	Bedrock	19.5	6-27-63	20±		Dom,Agr	C.
Ps 55	413214N715627.1	L. Smith	1963	170	Drc	71	6	45	44	Bedrock			8		Dom	Fine gravel and sand 0-44 ft.
Ps 56	413206N715832.1	R. Krug	1963	183	Drr	100	6	41	41	Bedrock	42	8- 2-63	5		Dom	Hardpan 0-41 ft.
Ps 100	413313N715815.1	Conn. State Highway Dept.		111		20			13						Test	L. Bridge foundation boring.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Preston--Continued						
Ps 103-104		U.S. Geological Survey	1963		Bor										Test	L. Auger borings.
										Town of Putnam						
Pu 3	415338N715229.1	S. Evans	1950	430	Drc	106	6		80	Bedrock	8	5-26-50	10.5	94	Dom	
Pu 4	415456N715429.1	Bradley Provision Co.	1935	280	Drc	133	6		20±	Bedrock			60		Ind	Well located in cellar.
Pu 6	415357N714928.1	H. Griggs	1956	432	Drc	300	6	110		Bedrock	13	1- 3-56	6	87	Dom	Hardpan 0-24 ft, sand 24-110 ft.
Pu 7	415452N715016.1	J. Cobb	1957	383	Bor	15.8	12	13		Sand	10.1	10- 6-61			Obs	Gravel 0-2 ft, very fine sand 2-17 ft. Perforated concrete tile 13 to 17 ft. Well abandoned as sand could not be kept out. Observation well since 1961.
Pu 9	415440N714921.1	P. Markowitz	1954	420	Drc	105±	6	105±		Sand					Des	Gravel 0-30 ft; sand (mostly quicksand) 30-105 ft; unable to finish well in fine sand.
Pu 9a	415440N714921.2	do	1955	420	Dug	22.0	24			Gravel	15.4	10- 6-61			Agr	T 49.6° 10-6-61.
Pu 11	415553N714832.1	C. Prey	1961	635	Drr	150	6	21	14	Bedrock	25	11-17-61	4	125	Dom	C.
Pu 12	455425N715511.1	D. Nicholes	1959	430	Drc	120	6	50	45	Bedrock	25	10- 5-59	6	50	Dom	Clay hardpan 0-45 ft, red granite 45-120 ft.
Pu 13	415244N715449.1	A. Robitaille	1959	280	Drc	160	6	61	53	Bedrock			3		Dom	Coarse and fine sand 0-53 ft, green trap rock 53-103 ft; gray granite 103-160 ft.
Pu 14-16		U.S. Geological Survey	1962		Bor										Test	L. Auger borings.
Pu 17	415516N715427.1	J. Bednarz	1953	280	Drc	116	6	83	76	Bedrock	18	10- 8-53	20		Dom	
Pu 18	415423N715300.1	J. Woodfall		435	Drc	83	6	39	32	Bedrock			13		Dom	
Pu 19	415422N715234.1	S. Aulino	1960	395	Drc	88	6	54	48	Bedrock	7	3-18-60	6	63	Dom	
Pu 20	415434N715320.1	O. Gradie	1954	360	Drc	96	6	65	59	Bedrock	13	12-15-54	5	77	Dom	C.
Pu 21	415425N715231.1	R. Bibeau	1958	390	Drc	75	6	52	46	Bedrock	8	10-11-53	45	32	Dom	
Pu 22	415340N715235.1	A. James	1957	400	Drc	110	6	75	69	Bedrock	30	9- 6-57	4.5	50	Dom	
Pu 23	415330N715152.1	A. W. Wood	1962	520	Drc	90	6	20	14	Bedrock	24	10-12-62	2		Dom	C.
Pu 24	415349N715334.1	W. Rathbone	1956	245	Drc	100	6	92		Sand	38	2-16-56	15	45	Dom	C. Screen, 100-slot, 92-97 ft.
Pu 25	415419N715225.1	L. Lemoine	1957	395	Drc	108	6	84	74	Bedrock	16	4-10-57	7	44	Dom	
Pu 26	415423N715225.1	R. Johnson	1954	390	Drc	92	6	77	71	Bedrock	7	9-18-54			Dom	
Pu 27	415430N715208.1	J. Baczanski	1954	440	Drc	108	6	94	88	Bedrock	35	10- 4-54	10	55	Dom	
Pu 28	415417N715522.1	J. Richard	1953	455	Drc	113	6	94	87	Bedrock	25	4- 2-53	5		Dom	
Pu 29	415412N715328.1	Metals Selling Corp.	1954	290	Drc	65	6	27	20	Bedrock	16	5-22-54	11	40	Ind	
Pu 30	415502N715256.1	S. Franklin	1952	420	Drc	88	6	60	52	Bedrock	19	3-14-52	12		Dom	
Pu 31	415459N715255.1	R. Brousseau	1954	420	Drc	102	6	78	72	Bedrock	27	7- 5-54	28	63	Dom	
Pu 32	415519N715417.1	Metals Selling Corp.	1952	315	Drc	80	6	65		Sand & gravel	51.5	2- -52	70	0	Ind	Screen, 100-slot, 65-80 ft. Max. use 14,400 gpd, for cooling equipment and air conditioning. Water is high in iron.
Pu 33	415358N714936.1	D. Ames	1958	385	Dug	13.5	30			Sand	8.2	6-25-63			Dom	C.
Pu 34a	415413N715118.2	L. Smith	1825	545	Dug	25.9				Till	19.0	10-29-62			Aban	Well used until 1947, was adequate for house. Observation well 1962-64.
Pu 35	415428N715100.1	E. Barrows		538	Dug	16.2	24			Till	12.6	10-29-62			Dom	Well fails almost every summer.
Pu 36	415441N715053.1	D. Racette		555	Drc	131	6	18	5	Bedrock	40(?)		2.5		Dom	
Pu 37	415513N715153.1	W. Schellinger	1962	410	Dug	12.1	30			Sand & gravel	8.7	7- 2-63			Dom	C. High in iron, not used for drinking.
Pu 39	415526N714921.1	Union Protestant Church	1958	412	Drc	102	6	92	86	Bedrock	29	5- 9-58	4	36	Dom	Also pumped at 7 gpm.
Pu 40	415450N715216.1	C. Altmeier	1951	412	Drc	122	6		102	Bedrock	8	3- -51	35		Com,Dom	Water rose 25 ft above land surface when drilled.
Pu 41	415441N715211.1	T. Altmeier		414	Drc	127	6		83	Bedrock	12	Autumn-62	30		Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Putnam--Continued						
Pu 42	415418N715205.1	R. Whooton	1959	481	Drc	147	6	115	108	Bedrock	30	6- 1-59	4	68	Dom	Also pumped at 6.5 gpm.
Pu 43	415406N715159.1	C. LaRose	1963	525	Drr	98	6	50		Bedrock	25-30	6- -63	22		Un	
Pu 44	415407N715136.1	W. Salvas	1960	510	Drc	66	6	15	10	Bedrock			8		Dom	
Pu 45	415333N715207.1	F. Peckham,Jr.	1962	565	Drc	80	6	38	32	Bedrock	12	4- -62	20		Dom	
Pu 100-116		Conn. State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Pu 117-120		U.S. Geological Survey	1963		Bor										Test	L. Auger borings.
										Town of Sterling						
Sg 1	414254N715049.1	A. Salo	1950	420	Drc	267	6	28	22	Bedrock					Aban	Yield 0.5 gallon per hour.
Sg 3	414218N714922.1	H. Shippee	1950	380	Drc	90	6	24	18	Bedrock	19	9- -50	3	61(?)	Dom	
Sg 4	414227N714950.1	Sterling Water Co.	1954	295	Drc	65	8	57		Sand & gravel	4	3- -54	43	55	Un	Sand, no clay 0-65 ft; screen 57-65 ft; not used due to iron in water (20 ppm reported).
Sg 5	414250N715047.1	R. Fontaine	1955	410	Drc	150	6	24	12	Bedrock	14	12- 5-55	5	86	Dom	Hardpan and boulders 0-12 ft, rotten ledge 12-24 ft.
Sg 6	414159N714958.1	R. Anderson	1955	390	Drc	80	6	16	8	Bedrock	8	12-30-55	3	67	Dom	Hardpan and boulders 0-8 ft, soft ledge 8-16 ft.
Sg 7	414133N714825.1	Oneco Village	1952	345	Drc	63	6	30+		Sand & gravel	12		90		Inst	2 screens, at 30 and 50 ft; location wrong on Rhode Island Water Resources Coordinating Board GWM 10.
Sg 9	414159N714729.1	J. Mettala	1934	390	Dug	25	24	25		Sand	6	5- 4-60	1		Dom	Sand and hardpan 0-25 ft. T 48° 5-4-60.
Sg 10	414158N714737.1	Mrs. R. Lafferty	1949	390	Drc	90	6	33	22	Bedrock	21.9	5- 4-60	5		Dom	C. Sand and gravel 0-22 ft. T 48° 5-4-60.
Sg 11	414210N714750.1	Miss Mowry		400	Dug	13.0				Till	3.0	5- 4-60	3		Dom	In basement. T 48° 5-4-60.
Sg 12	414153N714745.1	A. Purdie	1958	380	Dug	20	36			Sand	13.4	5- 6-60			Agr	Sand 1-25 ft. T 46° 5-6-60.
Sg 13	414145N714801.1	E. Ezzell	1942	365	Dug		36			Sand	6.0	5- 6-60			Un	Contaminated by gasoline from buried tanks in 1961; replaced by Sg 13a.
Sg 13a	414145N714801.2	do	1962	365	Drc	108	6	105	105	Gravel & bedrock			6		Com,Dom	Fine sand 0-103 ft, gravel 103-105 ft; drilled to 120 ft but filled with concrete below 108 ft; pumps fine sand.
Sg 14	414145N714755.1	A. Behrens	1959	365	Drc	174	6	164	110(?)	Bedrock	10	-59	10		Dom	Very fine sand 0-110 ft; depth to rock may be 164 ft; located 200 ft north of position shown on Rhode Island Water Resources Coordinating Board GWM 10.
Sg 15	414131N714850.1	L. Burdick	1954	390	Drc	103	6	39		Bedrock	15	-57	1.5		Dom	Water sometimes murky during first year.
Sg 16	414135N714836.1	Mrs. O. Young	1951	335	Drc	93	6	45	40	Bedrock	20	12- 1-51	10		Dom	C.
Sg 17	414200N714801.1	J. Hyytiainen	1935	360	Dug	12.5	36			Sand & gravel	6.0	5- 6-60			Dom	
Sg 18	414159N714841.1	Mrs. G. Cook	1880±	350	Dug	32.5	36			Sand & gravel	14.0	5- 6-60			Dom	C. Unfailing. T 48° 5-6-60.
Sg 20	414139N714823.1	G. Remington	1953	365	Drc	90	6	90		Sand & gravel	32	5-14-53	8		Dom	May have drilled to 99 ft, no bedrock.
Sg 21	414155N714843.1	J. Brown	1958	350	Drc	304	6	60	60	Bedrock	33.5	5-11-60	.5	260±	Dom	C.
Sg 22	414234N714944.1	Sterling Water Co.		355	Drc	760	6			Bedrock	4.8	5-11-60			PS	C. T 48° 5-11-60. Pumped to reservoir (dug well) when water level drops there; system supplies 48 houses.
Sg 23	414132N714913.1	M. Russwurm	1954	378	Drc	125	6	65	61	Bedrock	24	1- -54	12	81	Dom	
Sg 24	414222N714955.1	F. Chamberland	1953	320	Drc	54	6	54		Sand & gravel	19.8	5-12-60	6		Com,Dom	
Sg 25	414217N714955.1	J. Lacasse	1953	360	Drc	42	6	8	5	Bedrock	8.2	5-12-60	13	42	Dom	T 46° 5-12-60. Supplies 2 houses.
Sg 26	414220N714929.1	M. A. Miller	1959	340	Drc	109.0	6	25	15	Bedrock	20.4	5-12-60	2		Dom	Boulders and sand 0-15 ft. T 48° 5-12-60.
Sg 27	414240N714959.1	W. Verraneault	1957	295	Dug	9.0	36			Sand & gravel	4.0	5-12-60			Dom	T 48° 5-12-60.
Sg 28	414251N715004.1	Y. Mackie	1925	320	Dug	20.0	24			Sand & gravel	15.5	5-12-60			Dom	T 46° 5-12-60. Water low in summer of 1957.
Sg 29	414259N715048.1	R. E. Brown	1950	398	Drc	114	6	30	30	Bedrock	30	5-17-60	20		Dom	Gravel and boulders 0-30 ft.
Sg 30	414236N715038.1	U. Roos	1953	425	Dug	25.0	36		25(?)	Till	17.5	5-17-60			Dom	Bottom is on rock, perhaps bedrock.
Sg 32	414053N714828.1	J. Hawkins	1950	422	Drc	105	6	40	34	Bedrock	20	8- 2-50	6.5		Dom	
Sg 33	414053N714828.2	do		423	Dug	21.0	40			Sand & gravel	7.4	5-17-60			Aban	Inadequate in autumn.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
									Town of Sterling--Continued							
Sg 34	413957N714823.1	J. H. Bailey		498	Dug	13.6	36		13.6(?)	Till	6.3	5-17-60			Aban	Inadequate in autumn; dry 4 months in 1957. Bottom is on rock, perhaps bedrock.
Sg 35	413927N714744.1	Pachaug State Forest		395	Dug	13.0				Till	4.3	5-17-60			Un	
Sg 36	413844N714848.1	do		392	Drc	240	6	16	13	Bedrock					Dom	Iron in water causes slight staining.
Sg 38	413940N714926.1	W. Nicol		545	Dug	21.0	60			Till	7.4	5-19-60			Agr,Dom	
Sg 39	413957N714908.1	T. Orr		602	Dug	20.0	45			Till	9.6	5-19-60			Agr	
Sg 40	414009N714913.1	W. E. Pike	1955	587	Dug	17.0	30		16	Till & bedrock	2.4	5-19-60			Dom	Rust-brown, decomposed bedrock 16-17 ft. Iron in water causes staining.
Sg 41	414037N714916.1	Miss A. Ricci		555	Dug	18.0	30			Till	8.4	5-19-60			Dom	Inadequate in 1957.
Sg 42	414044N715002.1			532	Dug	13.0				Till	5.2	5-19-60			Agr,Dom	
Sg 43	414118N715022.1	W. Love	1951	525	Dug	20.0	40			Till	5.9	5-19-60			Dom	C.
Sg 44	414125N715048.1	A. Button		580	Dug	21.0	36			Till	9.8	5-19-60			Dom	
Sg 45	414120N715101.1	E. Frink		585	Dug	15.5	40			Till	6.1	5-19-60			Dom	Inadequate in 1957.
Sg 46	414048N715108.1	J. Piolunek		590	Dug	20.0	36			Till	10.0	5-19-60			Dom	
Sg 47	414021N715059.1	H. E. Frink	1930	642	Drc	122	8		22	Bedrock	15				Agr,Dom	
Sg 48	414023N715105.1	A. Frink		635	Dug	14.6	36			Till	5.1	5-19-60			Dom	
Sg 49	413945N715049.1	F. Sayles	1931	625	Drc	172	8		20	Bedrock	20		1.5		Agr,Dom	
Sg 50	413911N715052.1	H. Ross	1953	620	Drc	253	6		45	Bedrock	35				Agr	
Sg 51	413839N715049.1	C. Gray		632	Dug	25.0	36			Till	7.3	5-19-60			Agr,Dom	Iron in water causes staining.
Sg 52	413842N715125.1	R. Kenyon		575	Dug	21.0	36			Till	7.2	5-19-60			Dom	Well went dry in 1957, was deepened 2 ft; adequate 1958-61.
Sg 53	414332N715036.1	F. Arrighi	1958	340	Drc	150	6	63	55	Bedrock			3		Dom	Supplies 2 houses.
Sg 54	414332N715036.2	do		340	Dug	30.0	36			Sand & gravel	20.9	5-19-60			Aban	Inadequate in 1957; replaced by Sg 53.
Sg 55	414322N715025.1	P. Gallow	1954	305	Drc	160			80±	Bedrock			2.5		Dom	
Sg 56	414559N714830.1	R. P. Jordan	1963	650	Drc	234	6	38	38	Bedrock	26	1-19-63	4		Agr,Dom	
Sg 57	414345N715007.1	N. Silvers		515	Dug	18.5	36			Till	12.9	5-20-60			Dom	
Sg 58	414408N714943.1	C. & J. Hovi		605	Dug	13.1	40			Till	8.2	5-20-60			Dom	
Sg 59	414410N715010.1	W. E. Mimnaugh		572	Dug	16.0	40			Till	6.0	5-20-60			Dom	Inadequate in 1957.
Sg 61	414421N714933.1	R. Welin		650	Dug	15.5	30			Till	2.6	5-20-60			Agr	
Sg 62	414451N714919.1	J. Marin	1935	683	Dug	18.0	40		18(?)	Till	3.6	5-20-60			Agr,Dom	Bottom is on rock, perhaps bedrock. Used only when 2 shallower wells on property are dry.
Sg 63	414409N714915.1	J. Zilaitis	1951	603	Dug	14.5	30		14.5(?)	Till	5.9	5-20-60			Dom	Bottom is on rock, perhaps bedrock.
Sg 64	414416N714857.1	K. Wirtanen	1957	575	Dug	16.0	30		16	Till	10.7	5-20-60			Dom	Bottom is on rock, perhaps bedrock.
Sg 65	414433N714819.1	A. Aronto		545	Dug	9.0	40			Till	4.2	5-20-60			Dom	
Sg 66	414415N714739.1	R. Griffiths	1948	475	Drc	103	6		16	Bedrock	15		4.5		Agr,Dom	
Sg 67	414418N714728.1	J. Griffiths		450	Dug	14.5	36		14.5	Sand & gravel	9.2	5-20-60			Dom	Adequate for house, goes dry when also used for 60 cattle.
Sg 68	414339N714830.1	B. Wood		375	Dug	6.0	36			Sand & gravel	2.5	5-20-60			Dom	
Sg 69	414341N714841.1	A. Tyler	1948	405	Drc	153	6		30	Bedrock	23	7-12-48	5		Dom	
Sg 70	414322N714934.1	L. Kolek	1950	325	Dug	14.5	36			Sand & gravel	5.0	5-20-60			Dom	
Sg 71	414317N714952.1	P. Paasimaa		340	Dug	10.0	36			Sand & gravel(?)	2.9	5-20-60			Dom	Bottom of well is till.
Sg 72	414321N714759.1	E. R. Bein, Sr.		530	Dug	21.5	36			Till	8.7	5-20-60			Dom	
Sg 73	414312N714735.1	A. Ahnberg		583	Dug	24.0	36			Till	12.5	5-20-60			Dom	
Sg 74	414224N714745.1	W. A. French		470	Dug	16.5	36		16.5(?)	Till	8.5	5-20-60			Agr,Dom	Bottom is on rock, perhaps bedrock.
Sg 75	414252[illegible]752.1	A. & A. Angell	1957	550	Drc	210		20(?)	15(?)	Bedrock			2		Dom	

Table 1.--Records of wells and test ngs--Continued

Well no.	Location	Owner	Year com-pleted	Altl-tude (feet)	Type of well	Depth of Well (feet)	Dia-meter (in-ches)	Depth of casing (feet)	Depth to bed-rock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measure-ment	Yield (gpm)	Draw-down (feet)	Use	Remarks
										Town of Sterling--Continued						
Sg 76	414213N714914.1	M. Hall	1957	395	Drc	125	6	23	20	Bedrock	20	11-15-57	3	100	Agr,Dom	
Sg 77	414129N714908.1	G. Shepard, Jr.	1959	388	Drc	107	6	12	6	Bedrock	17	11- 5-59	8		Dom	C.
Sg 78	414607N714736.1	J. Lamoureux	1959	512	Drc	62	6	19	12	Bedrock	7	5- 5-59	6	43	Dom	
Sg 79	414143N714801.1	L. Osborne		362	Dug	11.1	28			Fine sand	4.7	9-27-61	3.4	1.5	Aban	P. T 47° 6-10-63 (well pumped). Observation well 1961-63.
Sg 80	414140N714833.1	E. Babcock	1890±	350	Dug	29.3	24			Sand & gravel	27.6	9-27-61			Aban	Observation well 1961-62.
Sg 81	414133N714853.1	F. Stone		390	Dug	22.9	20±			Sand & gravel	19.6	9-27-61			Aban	Supplied house 1947-54, abandoned due to objectionable taste and odor. Observation well 1961-62.
Sg 82	414132N714845.1	H. Slate	1961	370	Drc	82	6	26	20	Bedrock	23	7- 8-61	8	37	Dom	
Sg 84	414130N714917.1	J. Capobianco	1961	368	Drc	85	6	46	35	Bedrock	20	6-13-61	20	≤40	Dom	
Sg 86	414129N714911.1	F. MacDonald	1961	380	Drc	98	6	56	50	Bedrock	20	7-27-61	6	60	Dom	
Sg 87	414439N715008.1	W. W. Nichols	1961	605	Drc	142	6	37	27	Bedrock	15	1- 7-61	3	110	Dom	
Sg 88	414323N715031.1	A. Bissonette	1955	320	Drc	110	6	80±	75	Bedrock	10	4- -55	10		Dom	L.
Sg 89-91		U.S. Geological Survey	1962		Bor										Test	L. Auger borings.
Sg 92	414543N714759.1	A. H. Davis	1958	495	Drc	180	6	10	3	Bedrock	8	12- 2-58	3	92	Dom	C.
Sg 93	414612N714733.1	W. Remington	1912	521	Dug	17.2	37			Sand	13.1	8- 8-62			Dom	
Sg 94	414615N714734.1	R. J. Holden	1946	525	Drc	61.8	6	22±	10	Bedrock	19.0	7-19-62	30		Dom	Drilled in dug well, which was blasted into bedrock from 10± to 20 ft. Top of casing open, a few ft above bottom of dug well.
Sg 96	414203N714812.1	C. Bunn	1962	410	Drc	215	6	15	5	Bedrock	40	9-12-62	10	100	Dom	
Sg 97	414138N714820.1	S. Mortimer	1962	362	Drc	98.7	6	101		Gravel	30.0	6-30-62	20	<10	Dom	L.
Sg 98	414242N715037.1	A. G. O'Donnell	1962	402	Drc	150	6	42	38	Bedrock	39	5-22-62	1.5	111	Dom	
Sg 99	414125N715008.1	B. Carlson	1962	555	Drr	320	6 1/2	23		Bedrock	5.1	6-12-63	.5		Aban	Water enters at 40 ft, none below. A second well, 230 ft deep and 140 ft away, yields 4 gpm; water enters at 80 and 160 ft.
Sg 101	414135N715056.1	J. Rix	1962	613	Drr	155	6 1/2	73		Bedrock	34	10- -62	1		Agr,Dom	Dug well 30 ft deep was inadequate every summer.
										Town of Thompson						
Th 1	415827N715418.1	L. Laporke	1950	370	Drc	175	6	12	5	Bedrock	24	7-15-50	25+		Dom	
Th 2	415632N715421.1	H. Chausse	1950	365	Drc	36	6	16		Bedrock	6		7	30	Dom	Fine sand and boulders above bedrock.
Th 4	420042N715333.1	C. Majercik	1950	390	Drc	102	6	23	16	Bedrock	15	8-15-50	2		Dom	
Th 5	415847N715450.1	A. Harvey	1957	355	Drc	232	6	15	12	Bedrock	50	11- -57	12		Agr	
Th 6	415804N715312.1	Masonville Spring Water Co.	1907	325	Dug	13	30			Sand & gravel					PS	C. Originally a natural spring; water flows by gravity to pumphouse.
Th 7	415907N715351.1	C. S. Allen Corp.		370	Drc	300	6	10±	10±	Bedrock			50		Ind	Used for cooling and cleaning as of Apr. 1958; located within building.
Th 8	420043N715545.1	W. Chandler	1956	420	Drc	100	6	12	8	Bedrock	Flows	6- -56	8		Dom	
Th 10	415932N715037.1	C. Sandstrom	1957	510	Drc	45	6	45		Gravel lens in till	12	2-20-57	7	12	Dom	
Th 11	420123N715004.1	G. Luey	1957	505	Drc	86	6	86	86(?)	Sand	32	6- -57	40		Dom	C. Slight penetration of black bedrock reported by owner.
Th 12	420125N715024.1	A. Gauthier	1957	507	Jet	73	4	73		Sand	30	6- -57	15		Dom	
Th 14	415959N714903.1	Mrs. Plehler	1955	462	Drc	55	6	30	28	Bedrock	25	9- -55	12.5		Dom	Sand and gravel 2-28 ft.
Th 15	420044N715625.1	W. Okeson		377	Dug	23.8	18			Sand or gravel	22.1	9-26-61			Un	Failed in dry summers.
Th 16	420125N715647.1	G. Armstrong	1931	385	Dug	15.2	30			Gravel	10.9	9-26-61	25	3	Dom	Gravel 0-12 ft, very fine sand 12-17 ft, gravel 17-19 ft; sand has worked into well; supplies 3 houses; unfailing.
Th 18	415934N714915.1	H. Mrozinski		468	Dug	28.9				Gravel(?)	26.8	10- 6-61			Un	T 49° 10-6-61 (well pumped). Nearly dry in several dry summers; replaced by Th 23. Observation well 1961-62.
Th 19	415931N714914.1	do		460	Dug	19.7	18			Gravel	17.4	10- 6-61			Un	T 51.5° 10-6-61. In barnyard, probably polluted. Observation well 1961-62. Owner drove point 8 ft below bottom, hit gray gritty clay (refusal).

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Thompson--Continued						
Th 20	415953N714912.1	H. Mills	1930	485	Drc	79.0	6			Bedrock(?)	15.4	10- 6-61			Un	Observation well 1961-62.
Th 21	420014N715041.1	B. Boroviak		508	Dug	12.0	22 at top 36 at bottom			Sand	10.3	10- 6-61			Un	P. T 49° 6-17-63 (well pumped). Observation well 1961-62.
Th 23	415931N714916.1	H. Mrozinski	1962	460	Drc	74.2	6	62.8	53	Bedrock	26.5	8-30-62	8		Dom,Agr	C.
Th 24	415625N715338.1	The Mechanicsville Supply Co.		340	Drc	440	6			Bedrock					PS	C. Operates only when water level is drawn down in storage tank.
Th 25	415619N715336.1	do		395	Dug			—		Till(?)					PS	Flows continuously by gravity to storage tank.
Th 26	420123N715622.1	B. Lenky	1957	380	Drc	44	6	39		Gravel	14	1-24-57	7	4	Dom	Screen, 100-slot, 39-44 ft. Also bailed at 20 gpm.
Th 27	415950N715310.1	A. Durand	1952	590	Drc	57	6	19	11	Bedrock	20	7-24-52	1.25		Dom	
Th 28	420108N715237.1	A. Bouchaine	1955	380	Drc	89	6	75	69	Bedrock	12	2-11-55	2		Dom	
Th 29	415808N715333.1	Belding-Cortecelli Co., Inc.	1962	320	Drc	40	8	30	40	Gravel	8	1-26-62	75	16	Ind	C. Used for cooling, unsatisfactory for other uses due to high iron content (10 ppm reported).
Th 30	415805N715316.1	Masonville Spring Water Co.	1961	332	Drc	315	8	60	34	Bedrock	0	8-31-61	60		PS	
Th 31	415810N715312.1	do	1963	329	Drc	33	8	29	36	Gravel	4	5- -63	170	14.5	PS	Screen, 125-slot, 28-33 ft. Swamp muck, sand, clay overlie gravel.
Th 32	415719N715041.1	Federal Aviation	1957	651	Drc	96.6	8	96.6		Till	52.4	8- 5-63			Aban	Reported drilled to 105 ft, yield negligible.
Th 34	415726N715214.1	Marianapolis Prep. School	1962	551	Drc	126	6	20	8	Bedrock	2	6-14-62	15 11	96 46	Inst	Hardpan 0-8 ft, schist 8-85 ft, granite, dense and hard 85-126 ft.
Th 34a	415726N715214.2	do	1962	551	Drc	358	6	20	8	Bedrock	2	5-29-62	5	233	Un	Yield insufficient; never used.
Th 35	415801N715156.1	A. McNulty	1962	560	Drc	125	6	107	99	Bedrock	17.9	1-15-63	5	105	Dom	
Th 36	415806N715144.1	E. Swanson	1954	568	Drc	122	6	71	66	Bedrock	12	11-18-54			Dom	
Th 37	415901N715044.1	T. LaBonte	1952	552	Drc	100	6	23	17	Bedrock	15	9- 3-52	1		Dom	Inadequate for 2 families; new well (1963) 170 ft deep, yield 3 gpm.
Th 38	415943N715043.1	J. Gomes	1951	530	Drc	95	6	65	59	Bedrock	11	5- 4-51	2		Dom	C.
Th 39	420013N714926.1	C. Jarmolowicz	1961	522	Drc	77	6	62	45	Bedrock	15	6- 3-61	6	35	Dom	Also bailed at 9 gpm; replaced 20-ft dug well.
Th 40	420012N714931.1	A. Girard	1956	521	Drc	133	6	96	45	Bedrock	14	9- -56	7.5	51	Dom	Also bailed at 14 gpm.
Th 41	420013N714958.1	H. Winski	1957	531	Drc	91	6	74	68	Bedrock	21	2- 7-55	45		Agr	
Th 42	420011N714926.1	M. Sherman & R. Wade	1961	522	Drc	72	6	43	36	Bedrock	7	6- 2-61	15	43	Dom	Also bailed at 30 gpm.
Th 43	420011N715416.1	A. LaChapelle	1951	490	Drc	200	6	21	0	Bedrock	15	1-10-51	.4		Dom	A 6-inch hole 40 ft away drilled to 265 ft, obtained no water.
Th 44	415946N725625.1	A. & L. Wadde	1957	510	Drc	80	6	15±	12	Bedrock			4		Dom	C.
Th 45	415830N715100.1	F. Lechert	1952±	635	Dug	16.4	27			Till	7.4	6-25-63			Dom	C.
Th 46	415908N714758.1	C. Whiting	1961	623	Drc	115	6	12	12	Bedrock	7	Summer-62	3		Dom	C. Well cuttings of quartz schist observed.
Th 47	420042N715041.1	J. Jakubowski	1956	515	Drr	35	6	35(?)		Gravel			15		Dom	
Th 48	420123N715025.1	E. Cassista	1953	500	Drc	74	6	69		Sand	20	7- 1-53	3	35	Dom	Gravel and clay 0-28 ft, quicksand 28-55 ft, sand 55-74 ft; screen, 60-slot, 69-74 ft.
Th 49	420033N715206.1	Mr. Worthington		482	Drc	68	6	15	14	Bedrock	1	7- -54	8.5		Dom	Gravel and fine sand 0-12 ft, till 12-14 ft.
Th 50	415828N715056.1	LaFrambolse & Toutant Well Drilling		635	Drr	400	6	90	85	Bedrock			4		Com	Hardpan (till) 0-85 ft.
Th 51	415731N715146.1	Vernon Stiles Inn	1962	591	Drr	413	6	20	20(?)	Bedrock			7		Com	Hardpan (till) above rock.
Th 54	415830N714943.1	G. B. Weaver	1957	450	Drc	328	6	14	8	Bedrock	35	8-23-57	22	94	Com	Supplies Thompson Raceway.
Th 55	415818N714935.1	do		418	Dug	11.7	24		10	Bedrock & sand	9.0	6-14-63			Dom	
Th 56	420045N715020.1	A. McNally, Jr.	1961	490	Drc	85	6	72	66	Bedrock	32	8- -61	3.5	28	Dom	Also bailed at 6 gpm.
Th 57	415810N714818.1	Quaddick State Forest		533	Dug	21.8	26.4			Till	14.0	6-14-63	.03	1.0	Aban	P.

Table 1.--Records of wells and test holes--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Thompson--Continued						
Th 102-110		Conn. State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Th 112-115		U. S. Geological Survey			Bor										Test	L. Auger borings.
Th 116-131		U. S. Corps of Engineers													Test	L. Borings for West Thompson flood-control dam. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Th 134		U. S. Geological Survey	1962		Bor										Test	L. Auger borings
										Town of Voluntown						
Vo 1	413422N715214.1	A.H. Taylor & W. A. DuPont	1952	260	Drc	42	6	15	8	Bedrock	15	5- -52	27±		Dom	Water enters chiefly from fracture at 35± ft. Supplies 3 families. Failed suddenly in 1956, 1957; measurements by owners showed no water in well for 2 and 8 weeks respectively.
Vo 1a	413422N715214.2	Sheldon, Bonar, DuPont, Taylor		260	Drc	200±	6			Bedrock			Small		Dom	Inadequate for 1 family.
Vo 2	413422N715215.1	W. McGuire	1957	257	Drc	48	6	22	16	Bedrock	18	7- -57	40		Un	C. Water smells, foams; analyses show high iron, manganese. Unused due to poor quality.
Vo 2a	413422N715215.2	R. James	1955	260	Drc	210	6		18	Bedrock	15-18	9- -55	.25		Dom	Inadequate for 1 family.
Vo 3	413520N715120.1	G. Abbott	1956	290	Dug	22	30		20	Gravel (& bedrock?)	5.4 10.9	3-20-59 9- 5-61	40 100	(?) 13	Dom	Observation well 1959-1961.
Vo 4	413421N715142.1	F. Caddell	1957	285	Dug	24.1	30			Till	19.1	9-25-62			Dom	Gravel 1-11 ft, hardpan and clay 11-28 ft.
Vo 5	413432N714830.1	E. Potvin	1955	428	Drc	100	6	75	75	Bedrock	10	7-12-55	3	35	Dom	
Vo 6	413217N715005.1	L. Gallup	1760(?)	420	Dug	22	30				16.5	3-20-59			Dom,Agr	Supplies house, 70 cows.
Vo 7	413303N715014.1	Pachaug State Forest		367	Dug	21.4	30			Sand & gravel	21.1	9-25-62	36.5	1.7	Aban	P. Observation well 1959-1963. T 43° 5-31-63 (well pumped).
Vo 8	413411N715134.1	J. Grenier	1959	305	Dug	13	48			Till	5	3- -59			Dom	Soil, sand 0-4 ft, hardpan 4-13 ft; water enters via holes near top of hardpan
Vo 10	413442N715145.1	A. LaChapelle	1954	271	Dug	17	36			Sand & gravel	6.0	3-20-59			Dom	Adequate in summer of 1957, 2 families. Water from former 26-ft driven well had excessive iron.
Vo 12	413448N715119.1	C. Burton	1954	283	Drc	110	6	100		Bedrock	0	2- -55	4.5		Dom	Sand, gravel, boulders, no hardpan above bedrock.
Vo 13	413458N715118.1	F. Bitgood	1953	280	Dug	13.8				Gravel	6.8	3-25-59			Dom	Gravel 0-14 ft. Failed in summer of 1957.
Vo 14	413522N715127.1	Pachaug State Forest	1957	290	Dug	22.4	30			Sand	14.7	5-22-63			Dom	Supplies State Forest Ranger Hq. Replaces Vo 14a.
Vo 14a	413522N715127.2	do		290	Dug	20.1				Sand	14.5	5-22-63	37	.7	Aban	P. T 46° 5-22-63 (well pumped). Failed in summer of 1957.
Vo 15	413503N715121.1	Conn. State Highway Dept.		266		35									Test	L. Bridge foundation boring.
Vo 16	413432N715130.1	do		266		33									Test	Water 0-1 ft, sand and gravel 1-33 ft. Bridge foundation boring.
Vo 20	413724N715041.1	J. Malmberg	1940	470	Dug	7.9	24		8	Bedrock & till	2.5	3-20-59			Dom,Agr	Considerable water enters from 2-in hole drilled a few feet into bedrock. Inadequate in summer of 1957.
Vo 21	413732N715055.1	A. Kirsipuu		460	Dug	12	36		12	Till	2	3- -59			Dom,Agr	Dry in summer of 1957.
Vo 22	413719N715105.1	L. Palmer, Jr.	1953	450	Dug	12.0	30		10	Bedrock & till	6.8	3-20-59			Dom	Dry in summers of 1955, 1956, 1957. T 43.5° 3-20-59.
Vo 25	413715N715028.1	E. Schwarz	1957	470	Dug	11.3	36		8	Bedrock	2.9	3-23-59	20		Dom,Agr	Gravel envelope around tiles.
Vo 26	413712N714950.1	O. Nieminen		430	Dug	19.0	18		8±	Bedrock	4.8	3-20-59			Dom,Agr	C.
Vo 27	413654N715000.1	E. Makela	1947	430	Drc	186	6		0	Bedrock			5		Dom,Agr	
Vo 28	413635N715027.1	C. Hnatyshyn	1950	390	Drc	166	6	11	11	Bedrock	18	3- -50	2.5		Dom,Agr	
Vo 29	413628N715036.1	J. Hnatyshyn		405	Dug	16	36		14	Till & bedrock					Dom,Agr	Dry for 4 months most years.
Vo 29a	413628N715036.2	do	1940	405	Drc	166	6			Bedrock			0		Aban	Drilled in Vo 29.
Vo 30	413627N715059.1	O. Holst	1957	438	Dug	20.0	24		4	Bedrock	4.8	3-23-59	9±	5±	Dom,Agr	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
									Town of Voluntown--Continued							
Vo 31	413623N715056.1	B. Sweet	1949	432	Dug	20.0	24		25(?)	Till(&bedrock?)	1.0	3-23-59			Dom,Agr	Considerable water enters from crack in bedrock(?) at 25 ft; gravel backfill 20-25 ft, also around tiles. Adequate in summer of 1957.
Vo 32	413617N715101.1	L. Long	1957	410	Dug	16	24		12	Till & bedrock	2	3- -59			Dom	Layers of soil and gravel 0-12 ft; soft rock 12-16 ft.
Vo 34	413619N715106.1	D. Anderson	1954	415	Dug	18	24			Till	1.0	3-23-53			Agr	Adequate in summer of 1957.
Vo 35	413542N715120.1	T.W. Corcoran		368	Dug	26.0	42-72	4	4	Bedrock	7.8	3-23-59			Dom	Inadequate in summer of 1957.
Vo 36	413529N715153.1	Pachaug State Forest		278	Dug	10.8	36		11(?)	Till	4.0	3-25-59			Dom	T 40.5° 3-25-59. At low stage, water observed flowing through well toward swamp.
Vo 38	413436N715119.1	J. Bronson	1950	280	Dug	15	48			Sand & gravel	12	9- -57	90	Large	Dom	Fine sand 0-5 ft, sand and gravel 5-15 ft.
Vo 39	413432N715209.1	S. Jouen	1951	245	Dug	9.8	24			Sand	7.6	9-25-62	60	Small	Dom	Supplies 2 families, always adequate.
Vo 40	413421N715207.1	I. Macomber	1949	265	Drc	75	6	25	23	Bedrock	15	-49	15		Dom	
Vo 41	413421N715202.1	Wm. Macomber	1800±	276	Dug	15.0	21			Gravel	13.6	9-25-62			Dom	C. T 49° 3-24-59. Inadequate in summer of 1957.
Vo 43	413425N715156.1	E. Bonin & L. Boucher		275	Dug	15.6	20			Sand & gravel	14.2	9-25-62			Dom	Dry in summer of 1957.
Vo 44	413426N715152.1	J. Morency	1946	280	Drc	84	8	84		Gravel					Dom	
Vo 46	413415N715211.1	M. Lockwood		265	Dug	12.4	16			Sand & gravel(?)	5.7	3-25-59			Dom	Dry in summer of 1957.
Vo 47	413416N715213.1	M. Heon	1951	270	Drc	42	6		44	Bedrock	17	8- -57	16		Dom	
Vo 48	413423N715213.1	V. A. Magray	1948	257	Dug	15.6	30			Till & sand lens	11.2	3-24-59			Dom	Clay, with small stones near top, 4-15 ft; fine sand 15-16 ft. T 46.5° 3-24-59.
Vo 49	413427N715202.1	Town of Voluntown	1954	274	Drc	73	6	73		Gravel	15		20		PS	Supplies school.
Vo 50	413402N715207.1	Wm. Davis	1947	290	Dug	24.9	24			Till(?)	17.2	3-25-59			Dom	Inadequate in summer of 1957.
Vo 51	413339N715219.1	F. C. Bray	1952	210	Drv	30	1.7	27		Sand & gravel					Dom	
Vo 52	413340N715212.1	A. Morgan	1953	255	Drc	75		75		Gravel					Dom	Gravel 0-75 ft.
Vo 53	413327N715214.1	G. Davis	1700±	202	Dug	17.6	30			Sand	10.9	3- 5-59			Dom	Adequate in 1957 after deepening 2 ft.
Vo 54	413535N715204.1	Pachaug State Forest	1933	270	Drv	47	2	44		Sand			50±		Aban	This and similar well 15 ft away supplies CCC camp 1933-42.
Vo 55	413700N715211.1	do	1935	295	Drv	9.0	2	6±		Sand	Flows	Continuous	10±		Agr	C. Casing cut off flush with trenched bed of brook, 3 ft below avg. land surface; depth measured below brook bed. Observation well (temperature) 1962-63. Three similar wells nearby. Brook supplies fish hatchery.
Vo 56	413449N715041.1	K. Jacobson		300	Dug	7.1	33	3		Till	2.5	4- 1-59			Dom	Adequate 1943-59.
Vo 57	413458N715015.1	L. Reinsalu		345	Dug	38.0	20			Till	29.6	4- 1-59			Dom	T 49.5° 4-1-59. Dry in summer of 1957.
Vo 57a	413458N715015.2	do	1937	345±	Drc	71	8	71		None			0		Des	Hardpan and boulders 0-71 ft. Exact location unknown.
Vo 58	413507N715005.1	G. Sundholm		290	Dug	14.4	30			Till	9.1	4- 1-59			Dom,Com	Adequate 1942-59.
Vo 59	413533N714950.1	L. Oksanen	1947	359	Dug	11.2	30			Till	2.3	4- 1-59			Dom,Agr	Inadequate in summer of 1957.
Vo 60	413626N715019.1	E. Williams	1936	345	Dug	14.0	60-120		5	Bedrock & till	1.4	4- 1-59			Dom,Agr	Adequate 1936-59; supplies up to 40,000 chickens.
Vo 61	413617N715008.1	P. Mallinen		330	Dug	12.7	25			Bedrock(?)	5.8	4- 1-59			Dom,Agr	Inadequate in summer of 1957.
Vo 62	413606N714949.1	T. Merlo	1956	350	Dug	14.4	24			Till	3.9	4- 1-59			Dom	Adequate 1956-59.
Vo 63	413553N714928.1	A. Hartikka	1952	415	Drc	148	6	34	29	Bedrock	17	12- -52	6	68	Dom	Also supplied 14,000 chickens 1952-54, was barely adequate. Three dug wells on property also used.
Vo 64	413545N714925.1	K. Green	1939	435	Drc	92	8	92		Gravel lens in till	18	Spring	3		Dom,Agr	Supplies 5,000 chickens.
Vo 65	413622N714839.1	O. Laine		385	Dug	13.9	18±			Till	3.3	4- 3-59				T 38.5° 4-3-59.
Vo 66	413653N714757.1	E. DuBrevil		430	Dug	7.3	24			Till(?)	1.2	4- 3-59			Dom	Supplies cabin.
Vo 67	413529N714925.1	J. A. Mathews	1952	405	Dug	9.0	84			Till	Flows 7±	4- 3-59 9- -57			Dom	Bottom reported to be sand and a large rock.

Table 1.--Records of wells and test holes--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Voluntown--Continued						
Vo 68	413453N714916.1	C. J. Anderson		285	Dug	12.0	18			Sand & gravel(?)	6.9	4- 3-59			Dom,Agr	Adequate for house but not for 7,000 chickens in summer of 1957.
Vo 69	413505N714856.1	A. Henrikson	1952	350	Dug	20.4	24			Till(?)	16.1	4- 1-59	4+		Dom	Mostly fine sand 0-14 ft, boulders 14-20 ft, hardpan 20-21 ft. Inadequate in summer of 1957.
Vo 70	413518N714852.1	W. Lindberg		388	Dug	20.4	24			Till	13.3	4- 7-59			Dom	T 46° 4-7-59. Fails in dry seasons.
Vo 71	413449N714907.1	J. Talvitie	1958	315	Dug	11.6	30			Sand & gravel	5.3	4- 3-59			Dom	Gravel backfill around tiles.
Vo 72	413435N714853.1	F. Kauppinen	1954	400	Dug	24.3	30			Till	6.6	4- 3-59			Agr	Supplies 7,000 chickens, adequate 1954-59.
Vo 73	413435N714840.1	A. Blanchette	1954	450	Dug	31.8	24			Till	6.8	4- 7-59			Dom	Hole reportedly dug 65 ft deep in blue clay; gravel backfill in and around tiles. Adequate 1954-59.
Vo 74	413453N714826.1	C. Thornton	1952	315	Drc	105	6	39		Bedrock	10		15+		Dom	
Vo 75	413443N714810.1	A. Deojay	1956	330	Dug	15.8	30-40			Till	1.9	4- 6-59			Dom	Original depth 11 ft; deepened Nov. 1957 to permit increased use.
Vo 76	413440N714803.1	A. King	1958	325	Drc	75	6	22	12	Bedrock	19	4- -58	5		Dom	
Vo 78	413422N714740.1	Simpson	1957	321	Dug	14.0	24			Till(?)	1.4	4- 6-59			Dom	Failed in summer of 1958.
Vo 79	413421N714736.1	G. W. Dorr	1948	317	Drc	75	6	24	18	Bedrock	8	5- -48	6		Dom	T 49.5° 4-6-59 (well pumped).
Vo 80	413425N714803.1	J. Nelson	1945	398	Dug	17.4				Till	1.6	4- 6-59			Dom	Adequate 1957-59.
Vo 82	413432N714915.1	C. Jalkinen	1950	400	Dug	19.5	48			Gravel & till	4.2	4- 7-59			Dom,Agr	Hardpan 0-16 ft, gravel 16-20 ft. Adequate 1950-59; supplies 6,000 broilers, 2 families.
Vo 83	413428N714925.1	H. Hobert		380	Dug	23.0	22			Sand & gravel	15.0	4- 7-59			Dom	Barely adequate in summer of 1957.
Vo 84	413423N715005.1	R. Sinkowitz	1942	430	Drc	105	6		5	Bedrock	10.7	4- 7-59	4		Dom	C.
Vo 85	413355N714938.1	E. Seppa	1949	380	Dug	12.6	30			Sand	3.2	4- 7-59			Dom	
Vo 86	413338N714911.1	L. J. Grohs		465	Dug	17.1	30			Till	4.8	4- 7-59			Dom	T 40° 4-7-59. Inadequate in summer of 1957.
Vo 87	413350N714852.1	O. Koor	1954	480	Dug	11.8	30			Till	1.2	4- 7-59			Dom	Inadequate in summer of 1957. Water has brackish taste and leaves brown stain on kettles in summer.
Vo 88	413331N714844.1	J. Ting		505	Dug	11.0	24			Till & sand lens	3.5	4- 9-59	2.3	2.1	Un	P. T 43.5° 4-9-59; T 50.5° 5-31-63 (well pumped). Bottom is fine sand.
Vo 92	413429N715043.1	P. Scagliotti	1949	350	Dug	25±	36			Till & gravel	16.0 22.2	4-14-59 9-25-62			Dom,Agr	Sand 0-14 ft, gravel 14-20 ft, hardpan 20-25 ft. Adequate 1949-59 has supplied 5,500 broilers.
Vo 93	413432N715100.1	J. Robella		345	Drc	130	6		60	Bedrock			4		Dom,Agr	Drilled in Vo 93a; bedrock may be 60 ft below bottom of dug well. Supplies 17,000 caponettes.
Vo 93a	413432N715100.2	do		345	Dug	25.4	36			Sand & gravel(?)	21.3	9-25-62	20	1.0	Aban	P. Observation well 1962-63.
Vo 94	413408N715130.1	E. Jolin	1948	320	Drc	65	6	40		Bedrock	35	Summer-57	19+		Dom	Fine sand, no water 0-30 ft (auger boring by owner).
Vo 96	413341N715115.1	Convol Tool Corp.	1953	355	Drc	124	6		20(?)	Bedrock			4		Ind	Hardness (as $CaCO_3$) 42ppm, iron <0.1 ppm, nitrate (as N) 5.0 ppm, chloride 8.6 ppm, pH 5.9 (State Health Dept. 3-58).
Vo 97	413339N715117.1	K. Hunton	1948	350	Drc	99	6	44	35	Bedrock	24	-48	3.5	70	Com	Snack stand (unused 1961-63). Iron 0.6 ppm, nitrate (as N) 1.0 ppm, chloride 9.8 ppm (State Health Dept. 4-58).
Vo 98	413325N715112.1	E. Erick	1949	335	Drc	101	6	35	13	Bedrock	23.0 28.1	4-14-59 9-25-62	3	70±	Dom	Top part of bedrock soft. Water leaves yellow ring when boiled.
Vo 99	413313N715059.1	L. Kohn	1938	300	Dug	13.4	30			Sand	4.5 11.6	4- 9-59 9-25-62			Dom	Dry in summer of 1957.
Vo 100	413302N715050.1	E. M. Matson		340	Dug	21.0	26			Sand	14.1	4- 9-59			Dom,Agr	T 48° 4-9-59. Supplies home and 20,000 chickens; inadequate for chickens in 1957.
Vo 101	413144N715011.1	R. Shafer	1938	375	Dug	3.1	18			Sand	0	4-14-59			Dom,Agr	Adequate in summer of 1957, though nearby stream was dry.
Vo 102	413136N715016.1	W. Hovi	1955	375	Drc	110	6	23	15	Bedrock	6	3- 9-55	7	20	Dom,Com	C.
Vo 103	413122N715021.1	J. Sposato	1955	360	Drc	148	6	20	18	Bedrock	18	6- -55	3	130	Dom,Agr	
Vo 104	413104N715024.1	E. W. Palmer		405	Dug	34.8	18			Till	17.8	4-14-59			Dom,Agr	Adequate only for house in summer of 1957.
Vo 105	413100N715028.1	E. G. Palmer	1957	410	Drc	111	6	111	80	Bedrock	6	Summer-57	3.5	105	Dom	Rotten rock 80-111 ft. Hardpan 0-14 ft, gravel 14-15 ft in nearby dug well.
Vo 106	413102N714938.1	C. R. Crandall		430	Dug	11.0	20			Till	3.2	4-14-59			Dom,Agr	Adequate 1949-59.
Vo 107	413110N714945.1	R. DeWardener		438	Dug	11.3	30	5+		Till	5.0	4-14-59			Dom	Dry briefly in summer of 1957.
Vo 109	413422N715202.1	W. Credit	1935	275	Drc	87	8	87		Gravel			7		Dom	C. Similar well next door to east, 67 ft deep, yield 12 gpm.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of Well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
									Town of Voluntown--Continued							
Vo 110	413417N715224.1	W. Webster	1957	230	Drc	90	6		10	Bedrock	15	6- -57	15+		Dom	Water enters from seams at about 60 and about 88 ft.
Vo 111	413411N715200.1	J. Morell	1937	288	Drc	60		60		Gravel			6		Dom	
Vo 112	413352N715016.1	R. Weller		345	Dug	10.0	24			Sand(?)	5.7 6.7	6-24-59 9-25-62			Dom	T 52° 6-24-59. Bottom was blasted, may be bedrock.
Vo 113	413343N714855.1	E. Peterson	1954	495	Drc	86	6	70	65	Bedrock	3		8		Dom	
Vo 114	413348N714933.1	C. W. Niemi	1952	395	Drc	120	6	28	23	Bedrock	20	7- -52	4		Dom	Water softener used.
Vo 115	413427N714911.1	J. Magorlo	1957	410	Dug	22.0	30		20	Till & bedrock	6.4	7- 3-59			Dom	C. T 51° 7-3-59.
Vo 116	413502N715119.1	B. F. Stenson	1954	270	Drc	115	6	75	70	Bedrock	16	Summer-54	5	95	Dom	
Vo 117	413618N715140.1	Pachaug State Forest		307	Dug	16.7	48(?)			Sand & gravel(?)	9.0	6- 8-59			PS	Picnic area. T 48° 6-8-59 (well pumped).
Vo 119	413813N714920.1	K. Backlund	1952	517	Drc	44	8		22	Bedrock	20	-52			Dom,Agr	C.
Vo 121	413816N715015.1	D. Jalgenen		505	Dug	15.0	40			Till	12.1	5-23-60			Dom,Agr	Inadequate in July and August.
Vo 122	413823N715053.1	H. Maynard	1956	604	Drc	385	8	23	16	Bedrock	25	-54	.7	360	Des	Intended for dairy use but yield inadequate.
Vo 123	413737N715053.1	J. & M. Frecotte	1959	515	Drc	100	6		5	Bedrock	20	-59	32		Dom	
Vo 124	413422N715159.1	W. Credit	1960	275	Drc	108	6	85	85	Bedrock			6		Dom	
Vo 125	413709N715029.1	E. Schwarz	1957	475	Dug	15	36	16	10	Bedrock & till	0	4-23-59	.3		Un	Soft, weathered rock 10-16 ft. Use of about 500 gpd for 1-2 weeks gradually lowered water level to 15 ft.
Vo 126-130		U.S. Geological Survey	1962		Bor										Test	L. Auger borings.
Vo 133	413423N715117.1	do	1962	275	Bor	22	1 1/4	20	29+	Sand	11.0	9-25-62	1		Test	L. C. Auger boring. Observation well 1962-63. T 48.5° 6-26-62 (well pumped).
Vo 134	413419N715121.1	do	1962	276	Bor	26	1 1/4	24	29+	Sand	12.2	9-25-62	1.3	10±	Test	L. C. Auger boring. Observation well 1962-63. T 57° 6-26-62 (well pumped).
Vo 135	413345N715033.1	do	1962	355	Bor	78	2	76	78+	Sand	70.9	9-25-62			Test	L. Auger boring. Observation well 1962-63.
Vo 136-140		do	1962		Bor										Test	L. Auger borings.
Vo 141	413518N715013.1	do	1962	269	Bor	19	1 1/4	17	57+	Sand	3.9	6-27-62	4		Test	L. C. Auger boring T50.5° 6-27-62.
Vo 142-143		do	1962		Bor										Test	L. Auger borings.
Vo 144	413431N715142.1	C. Frechette		280	Dug	19.8	30	3		Sand & gravel	18.5	9-25-62			Com	Adequate in summer of 1957.
Vo 145	413409N715133.1	A. R. Jolin	1961	310	Drr	177	6	22	15±	Bedrock	14.5	11- 1-62	2.5	28	Dom	C. P. Original yield 3 gpm, from fracture at 130 ft; dynamite set off at 3 points between 130 and 177 ft, final yield 6.5 gpm.
Vo 146	413407N715132.1	do	1961	320	Drr	328	6	15.5	15	Bedrock	14.6	9-25-62	.8	304±	Un	P.
Vo 147	413403N715132.1	E. Jolin	1962	350	Drc	119.7	6	14.9	10	Bedrock	21.0	8-15-62	3.5	100	Dom	
Vo 148	413145N715058.1	U.S. Geological Survey	1963	230	Bor	39			39+						Test	L. Auger boring.
Vo 149	413054N715027.1	B. G. Palmer	1963	425	Drc	156	6	76	70	Bedrock	18	12-28-63	10	92	Dom	Hardpan 4-70 ft, soft and hard rock 70-156 ft.
Vo 150	413432N714828.1	E. Potvin	1946	430	Dug	14.1	30			Till	2.8	5- 9-58			Abon	Dry 8-11-59, 9-27-60, 9-5-61 (measured).
Vo 154	413536N715155.1	Pachaug State Forest	1933	280	Drc	238			15±	Bedrock			1		Des	Yield inadequate for CCC camp; no improvement after dynamite charge set off in well.
Vo 159	413537N714947.1	L. Oksanen	1953	367	Dug	17.3	30		6	Bedrock	6.5	4- 1-59			Agr	T 45° 4-1-59. Inadequate in summer of 1957.
Vo 174	413452N714826.1	C. Thornton	1957	325	Dug	13	30			Till	<4.7	4- 9-59			Dom	Flowing at 4.7 ft below land surface 4-9-59; T 37° 4-9-59. Dry in summer of 1957.
									Town of Woodstock							
Wk 1	415635N715633.1	W. Eisenhauer, Jr.	1950	310	Drc	95	6	67	61	Bedrock	37	6-20-50	5		Dom	
Wk 4	415632N715630.1	S. Kaplan	1949	330	Drc	130	6	30	20(?)	Bedrock	8	10- -49	1	92	Dom	Boulders and hardpan 0-20 ft, gray green schist 20-159 ft. Well deepened (1950) to 159 ft, yield 5 gpm.
Wk 8	415503N715852.1	R. Smith	1953	635	Drc	109	6	62	55	Bedrock	27	3- -53	9 40±	10 82	Dom	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
									Town of Woodstock--Continued							
Wk 9	415626N715848.1	E. St. Jean	1956	595	Drc	125	6	47	41	Bedrock	8	3-13-56			Dom	Hardpan 0-41 ft.
Wk 10	415643N715825.1	B. Cornel	1956	568	Drc	175	6	22	17	Bedrock	35	11- 9-56	10	30	Dom	
Wk 11	415705N715830.1	Woodstock Academy		610	Drc(?)	280	6	30		Bedrock	60	4-15-58			Inst	Supplies school (160 students); est. use 2,000 gpd.
Wk 13	415750N715744.1	P. Dean	1910	300	Dug	14.0	24			Gravel	9.1	9-26-61			Dom	T 52° 9-26-61. Observation well 1961-62.
Wk 14	415748N715758.1	H. F. Child, H.&F. Young	1935	315	Drc	75	6		63	Bedrock	18±	Autumn-35	50±		Dom	Gravel and sand 0-20 ft, quicksand 20-63 ft.
Wk 15	415744N715806.1	H. & F. Young	1931	330	Drc	63	6		20(?)	Bedrock	20		30(?)		Agr,Dom	C.
Wk 16	420101N715738.1	L. Martin	1956	377	Drc	65	6			Bedrock	15.4	9-26-61	25		Agr,Dom	
Wk 17	415614N715726.1	Woodstock Agricultural Society	1955	375	Drc	85	6	80		Sand	15	6-24-55	15 25 30	43 53 60	Com	Clay and sand with 2 large boulders (till?) 0-80 ft; screen, 60-slot, perhaps gravel envelope 80-85 ft.
Wk 19	415516N715952.1	E. P. Lazur	Before 1930	612	Dug	14.4	22			Till	7.1	4-26-62	.41	1.2	Aban	P. T 50° 7-23-63 (well pumped). Observation well 1962-63.
Wk 21	415516N720034.1	C. Higgins		678	Dug	15.9	29			Till	7.0	4-26-62			Aban	Observation well 1962-63.
Wk 22	420129N720422.1	N. Servant	1960	810	Drc	110	6	20	11	Bedrock	18	11-24-60	3.5	57	Dom	Also bailed at 5.5 gpm.
Wk 23	420025N720457.1	F. Szynaka	1956(?)	817	Drc	109	6	14	12	Bedrock	14±		5±		Dom	C. Water has red color when first pumped.
Wk 24	415946N720504.1	J. Dvorsky	1961	743	Drr	160	6	15	12	Bedrock	3	Autumn-61	8		Dom	
Wk 24a	415946N720504.2	do	1950	743	Drc	120	6	15	12	Bedrock	10	Summer-50	2		Aban	Well failed in 1959 during nearby highway construction, replaced by Wk 24.
Wk 26	414852N720447.1	P. Murray	1958	717	Drc	149	6	111	109	Bedrock	30	3- -58	6		Dom	
Wk 27	415828N720410.1	E. L. Marcy	1954	729	Drc	155	6	127	122	Bedrock	32	4- -54	5		Dom	C. Suction pipe lengthened from 130 to 150 ft in 1960.
Wk 28	420115N720308.1	Laurel Ridge, Inc.	1957	659	Drc	62	6	19	5	Bedrock	8	7- -57	30	54	PS	C.
Wk 29	420059N720258.1	E. G. Sansoucy	1940	723	Drc	50	6	10	9	Bedrock	20-	Summer-50	8	17	Dom	Clay and hardpan 0-9 ft.
Wk 30	420025N720309.1	T. Leblanc	1955	693	Drc	75	6	24+	18	Bedrock	5+	4- -55	2.5		Dom	Water leaves red stain.
Wk 31	420017N720309.1	A. Newberry	1954	693	Drc	46	6	14	7	Bedrock	5	2- -54	2.5	25	Dom	C. Also bailed at 4 gpm.
Wk 32	415949N720240.1	C. & F. Viner	1953	737	Drr	135	6	18		Bedrock			18		Dom	
Wk 33	415925N720237.1	C. Syriac	1957	723	Drc	65	6	21	18	Bedrock	22	5- -57	20+		Agr,Dom	
Wk 34	415859N720229.1	P. Ballevlle	1946	743	Drc	109	6	30±	30±	Bedrock	20	3- -46	2.5		Dom	
Wk 35	415849N720152.1	L. E. Salo	1957	780	Drc	146			19	Bedrock	6	Winter-57	6		Dom	
Wk 36	415826N720227.1	L. Ekman	1957	786	Drc	120	6	7	6	Bedrock			28		Dom	
Wk 37	415811N720204.1	R. H. Philips	1954	818	Drc	96	6	48	42	Bedrock	19	8-24-54	5 10	16 36	Dom	Also bailed at 14 gpm.
Wk 38	415803N720243.1	C. Petersen	1950	814	Drc	184	6	87	84	Bedrock	18	4- -50	4	62	Dom	
Wk 40	420118N720219.1	S. Patenaude	1949	775	Drc	118	6	3	1.5	Bedrock	10±	2- -49	9±		Dom	Yield 3 gpm when drilled to 98 ft. Water contains some iron.
Wk 41	420112N720150.1	P. Renaud	1956	670	Drc	70	6	11	6±	Bedrock	7	Summer-58	3		Dom	C.
Wk 42	420054N720215.1	J. Livernois	1955	750	Drc	135	6	12	12	Bedrock	25-30(?)	Summer-55	5.5		Agr,Dom	
Wk 44	420025N720150.1	H. C. Darbee		672	Dug	18.4	30			Till	13.8	7-28-62			Aban	Failed 1957.
Wk 44a	420025N720150.2	do	1957	670	Drc	122	6	15±		Bedrock			3.5		Dom	Replaced Wk 44.
Wk 45	420010N720148.1	E. Grochowski	1960	683	Drr	162	6	14	10±	Bedrock	15±	7- -60	5	125±	Dom	
Wk 46	420102N720023.1	W.W.Sherman & Sons	1940	550	Drc	275	6	30	30	Bedrock	35		7		Agr,Dom	Well drilled 175 ft deep 1933, deepened 1940.
Wk 47	420030N720006.1	H. Upham	1947	584	Drc	90	6	17±	17	Bedrock			6		Agr,Dom	C.
Wk 48	415953N720034.1	Mrs.D. Lorentzen	1953	528	Drc	75	6		13	Bedrock			10		Dom	First water obtained at 69 ft (5-6 gpm).
Wk 50	415931N720008.1	J. Danielson	1961	428	Drc	73	6	22	16	Bedrock	12	9- -55	7.5	38	Dom	Drilled 63 ft deep 1953, yield 1.7 gpm; deepened 1961.
Wk 51	415932N720011.1	R. Dowd	1961	439	Drr	300	6	30	27	Bedrock	9	3- -61	3.5+		Com	

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of Well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Woodstock--Continued						
Wk 53	415915N720109.1	L. F. Rowe	1960	700	Drc	335	6	98	92	Bedrock	15	3- -60	10 30	35 75	Dom	First water obtained at 335 ft.
Wk 54	415912N720109.1	do	1959	690	Drc	264	6	68	61	Bedrock	20	3- -59	4 12	65 244	Dom	First significant water at 261 ft.
Wk 55	415831N720018.1	S. W. Stickney & A.N. Benoit	1955	668	Drc	73	6	67	79+	Sand lens in till	0	4- -55	4	50	Dom	Screen, 20-slot, 67-73 ft; well flowed when completed; also bailed at 7 gpm.
Wk 56	415801N720048.1	G. Gustafson (builder)	1960	827	Drc	183	6	122	116	Bedrock			10		Dom	
Wk 57	415752N720031.1	H. Norman	1947	762	Drc	183	6	95	95	Bedrock	45	12- -47	20	15	Agr,Dom	T 46° 4-15-58, from top. Clay 3-95 ft.
Wk 57a	415752N720031.2	do	Before 1900	759	Dug	33.2	30			Till	21.2	7- 7-62			Aban	Well inadequate in dry years; bad taste when low; located in front of house.
Wk 58	415754N720116.1	J. Travinski	1952	749	Dug	11.9	36			Till	5.6	7- 5-62			Dom	Well inadequate summer 1957.
Wk 59	415746N720122.1	Miss A. Johnson	1957	822	Drc	172		90		Bedrock			4		Dom	C. Hardpan, very hard, above bedrock.
Wk 60	415713N720206.1	R. Stringfield	1949	776	Drc	195	6	117		Bedrock	60(?)	11- -49	2.25		Dom,Agr	
Wk 61	415654N720135.1	A. Lyon	1958	773	Drc	81	6	24	18	Bedrock	12	Autumn-58	5.5		Dom	
Wk 62	415709N720111.1	C. Johnson	1953	813	Drc	147	6	67	67	Bedrock	65	Autumn-53	4 6	45 80	Dom	C. Clay and hardpan 0-67 ft.
Wk 63	415649N720058.1	J. O. Carlson	1956	732	Drc	175	6	60±	60±	Bedrock	20	Autumn-56	15		Dom,Agr	
Wk 65	415622N720150.1	R. French	1958	777	Drc	82	6	8	3	Bedrock	5	10- -58	50+	63(?)	Dom	Occasionally overflowed prior to being capped.
Wk 66	415614N720107.1	R. F. Dodge	1952	770	Drc	201	6	82	74	Bedrock	75	Spring-52	1		Dom	Supply adequate except for 2 days in 1961.
Wk 67	415539N720040.1	S. Swanberg,Jr.	1962	754	Drc	142	6	50	41	Bedrock	40	5-18-62	3		Dom	
Wk 68	415535N720039.1	C. Carlson	1961	747	Drc	250	6	51	45	Bedrock	30	12-30-61	2		Dom,Agr	Water enters chiefly at 125 ft.
Wk 69	415540N720228.1	A. Bosley	1960	768	Drc	147	6	15	15	Bedrock			3.5		Dom	C.
Wk 71	415624N715922.1	C. P. Jones	1962	605	Drr	173	6	53		Bedrock			75		Dom	Water hard, most soaps yield no suds.
Wk 72	415735N715742.1	J. A. Albiston	1962	320	Drr	435.0	6	98.0		Bedrock	22.0	7-12-62	1.25 1.75	78 378	Dom	C. P. Sand and pebble-cobble gravel 0-15 ft, sand 15-98? ft; bedrock cuttings are black gneiss; well has air line gauge.
Wk 73	415615N715655.1	C. Folsey	1954	310	Drc	75	6	70		Gravel	22	5-29-54	7.5	32	Dom	Screen, 100-slot, 70-75 ft; clay 0-9 ft, sand and gravel 9-70 ft, hard black layer at 70 ft, gravel 70-75 ft; also bailed at 14 gpm. Water contains iron.
Wk 74	415640N715712.1	Putnam Fish & Game Club	1954	310	Drc	42(?)	6	33		Sand	24	9- 5-54	5.5	1	Inst	Screen, 80-slot, 5 ft long; also bailed at 9 gpm.
Wk 75	415635N715634.1	W. Eisenhauer	1958	330	Drc	109	6	109		Sand & gravel	28		30	2±	Dom	Lower part of casing perforated.
Wk 76	415635N715647.1	P. R. Stanton	1951	330	Drc	152	6	152	152	Gravel			12		Dom	
Wk 77	415653N715640.1	R. Lundstrom	1960	330	Drc	87	6	77	71	Bedrock	34	12- 7-60	5	31	Dom	C. Also bailed at 6 gpm.
Wk 78	415655N715642.1	R. Beausoleil	1962	330	Drc	83	6	79	73	Bedrock	25	7-10-62	7	58	Dom	
Wk 79	415748N715706.1	D. Chafee	1962	410	Drc	353	6	22	6	Bedrock	55	8- 1-62	7 30	50 145	Un	House to be built.
Wk 80	415818N715748.1	H. Bernstein	1961	315	Drc	170	6	24	18	Bedrock	22	8- 3-61	3	128	Dom	
Wk 81	415521N715856.1	G. Morin	1955	590	Drc	112	6	71	65	Bedrock	65	6-22-55	30		Dom	
Wk 82	415610N715930.1	J. & S. Collins	1957	580	Drc	113	6	80	51	Bedrock	23	8-15-57	4.5		Dom	
Wk 83	415615N715927.1	S. Collins	1962	570	Drc	142	6	30	23	Bedrock	3	11-12-62	2.5		Dom	
Wk 84	415634N715800.1	A. Picard	1962	495	Drc	145	6	125	119	Bedrock	25	6-21-62	6	75	Dom	Also bailed at 9 gpm.
Wk 85	415725N715825.1	F. L. McWilliam	1962	470	Drc	73	6	25	19	Bedrock	16	10-25-62	45	29	Dom	
Wk 86	415723N715853.1	J. Fairfield	1956	540	Drc	192	6	147	141	Bedrock	29	1-13-56	12	151	Dom	Also bailed at 13.5 gpm.
Wk 87	415810N715919.1	R. Hagstrom	1962	595	Drc	268	6	101	94	Bedrock	35	8-18-62	2.5		Dom	
Wk 88	415812N715923.1	H. Braaten	1960	605	Drc	148	6	124	118	Bedrock	50	10- 4-60	4	75	Dom	Also bailed at 5 gpm.
Wk 89	415839N715945.1	Dr. J. Adams	1957	590	Drc	149	6	70	64	Bedrock	32	1-19-57	4.5	50	Dom	Also bailed at 7 gpm.

Table 1.--Records of wells and test borings--Continued

Well no.	Location	Owner	Year completed	Altitude (feet)	Type of well	Depth of well (feet)	Diameter (inches)	Depth of casing (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Use	Remarks
										Town of Woodstock--Continued						
Wk 90	415840N715939.1	E. Dixon	1956	560	Drc	115	6	72	65	Bedrock	27	8- 6-56	3.5	43	Dom	Also bailed at 7 gpm.
Wk 91	415905N715902.1	R. Lincoln	1960	330	Drc	144	6	79	73±	Bedrock	18	8-12-60	3.5	50	Dom	Also bailed at 11 gpm.
Wk 92	415904N715754.1	A. Hibbard	1958	410	Drc	120	6	54	48.5	Bedrock	29	7-26-58	7.5	46	Agr,Dom	Also bailed at 9 gpm.
Wk 93	415936N715806.1	S. Morse	1957	465	Drc	97	6	85	79	Bedrock			5		Dom	
Wk 94	420113N715905.1	A. Kuper	1960	630	Drc	128	6	88	78	Bedrock	40	8-20-60	15		Dom,Agr	
Wk 95	415601N715653.1	F. Phaneuf	1956	310	Drc	110	6	45	36	Bedrock	25	11-12-56	1		Dom	
Wk 96	415705N715723.1	Town of Woodstock	1954	300	Drc	62	6	54		Sand	15	10- -54	30	35	PS	C. Screen, 60-slot, 5 ft long.
Wk 97	415553N715719.1	R. Couri	1955	408	Drc	156	6	69	50	Bedrock	8	2-26-55	3.5	82	Dom	Also bailed at 5 gpm.
Wk 98	415524N715625.1	C. & P. Holsoh	1958	305	Drc	210	6	10±	7	Bedrock					Dom	C. Water contains iron.
Wk 99	415801N715742.1	C. A. Kallgren	1962	290	Dug	7.7	30			Sand & gravel	2.9	6-21-63			Agr,Dom	C.
Wk 100-103		Conn.State Highway Dept.													Test	L. Bridge foundation borings. Locations are shown on Plate 1 only for those borings whose logs are presented in Table 2.
Wk 105-108		U.S.Geological Survey	1962		Bor										Test	L. Auger borings.
Wk 109	415632N715703.1	L. Gagno	1960	300	Drc	40				Sand					Dom	C. Part of casing may be perforated.
Wk 110	415754N715746.1	W. Siegmund		300	Dug					Sand & gravel					Dom	C. Water contains some iron.
Wk 111	415640N715820.1	G. Archer		555	Dug	22.9	24			Till	20.3	6-21-63			Agr	C.
Wk 112	415848N715800.1	R. Peckham	1959	365	Drc	215	6	23	18	Bedrock	20		15		Dom	C.
Wk 113	415534N715717.1	M. Rotlual	1955	415	Drc	85	6	81	85	Sand lens in till	20	3-12-55	5	20	Dom	Screen, 60-slot, 81-85 ft; drilled to 98 ft; also bailed at 15 gpm.
Wk 114	415624N715701.1	C. Sheldon	1963	320	Drc	68	6		70	Gravel			30			Sand 0-58 ft, gravel 58-68 ft; screen.
Wk 115	415702N715845.1	A. Catteruzza	1962		Drc	335	6	20	7	Bedrock	70	6-20-62	12	265	Com	Supplies North Woodstock Post Office.
Wk 116	415954N715840.1	G. A. Wetherell	1957	522	Drr	285	6	40	38	Bedrock	16		8 1/2		Dom,Agr	
Wk 117	415519N715721.1	R. Tomasik	1955	445	Drc	132	6	97	91	Bedrock	36	9-23-55	9	64	Dom,Com	

Table 2.--Logs of selected wells and test borings

Preceding each log is the following information: well (or boring number, location, owner, altitude, depth to water (if available), source of log (if other than owner), and remarks.

Well number, location: See text for explanation of well-numbering and location systems.

Altitude: Estimated from topographic map, except for Connecticut State Highway Department and U.S. Corps of Engineers borings, whose altitudes were determined by precise leveling.

Depth to water: Given for auger borings and engineering foundation borings if available; measurements generally made shortly after completion of the hole and may not be representative of natural conditions. Depths to water and other hydrologic data for wells and test wells appear in table 1.

Source of log: Wells and test wells: Most logs were obtained from written records or reports by drillers, some from the memory of drillers or owners. The source is given preceding the log. U.S. Geological Survey borings: All logs for which the U.S. Geological Survey is listed as owner are based on auger borings put down during the late spring and summer of 1962 and 1963 by a Geological Survey power auger. Logs were prepared by geologists from field examination of auger cuttings, observation of the operation of the rig, and in some cases examination of samples under a binocular microscope. Connecticut State Highway Department borings: Most of these were small-diameter borings put down with jetting rigs equipped to core rock, by the Highway Department or by commercial test-drilling firms under contract. Spoon samples collected generally at 5-ft intervals, supplemented by the driller's observations, were used to prepare detailed engineering logs. U.S. Corps of Engineers borings: Similar to Connecticut State Highway Department borings, except that spoon sampling was continuous above bedrock.

Terminology: Most logs of Connecticut State Highway Department and U.S. Corps of Engineers borings published in this report are simplified from the original engineering descriptions. Terms underscored in these and other logs represent interpretations by A. D. Randall. In logs prepared by the U.S. Geological Survey, grain sizes are described according to the Wentworth grade scale. The Connecticut State Highway Department and U.S. Corps of Engineers have used somewhat different classifications. Grain-size terminology is compared in the table to the right.

Grain size (millimeters)	U.S. Geological Survey borings	Most Conn. State Highway Dept. borings in this report	AASHO Classification: Conn. State Highway Dept. borings since about 1959 a/		Unified Soil Classification: U.S. Corps of Engineers borings	Grain size (millimeters)
256	Boulders		Boulders			
			203 mm (8 in)			
	Cobbles		Cobbles		Cobbles	
64				coarse		76.2 (3 in)
				25.4 mm		
	Pebbles	Gravel	Gravel	medium	Gravel	
				9.5 mm		
4						4.76
	Granules - very fine gravel			fine	Coarse sand	
2						2
	Very coarse sand					
1	Coarse sand	Coarse sand	Coarse sand		Medium sand	
		0.6 mm				
.5						.42
	Medium sand	Medium sand				
.25		0.2 mm				
	Fine sand	Fine sand	Fine sand		Fine sand	
.125	Very fine sand					
						.074
.063		0.06 mm			Fines	
	Silt	Silt	Silt		(Silt or Clay)	
.004						.004
		0.002 mm				
	Clay	Clay	Clay			

a/ Logs using this classification are indicated preceding the log; includes only a few borings in Killingly and Putnam

Town of Brooklyn

Bk 79. 414529N715646.1. U.S. Geol. Survey. Altitude 200 ft. Depth to water more than 32.4 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, a few granules	8	8
Sand, fine, well-sorted	9	17
Sand, fine to very fine	15	32
Sand, very fine, and silt	10	42
Silt, some very fine sand	6	48
Sand, fine to very fine	3½	51½
Refusal, boulder		at 51½

Bk 80. 414527N715706.1. U.S. Geol. Survey. Altitude 148 ft. Depth to water may be about 3 ft.

	Thickness (feet)	Depth (feet)
Soil, subsoil } -possibly fill	2	2
Gravel }	1	3
Sand, very fine, and silt	4	7
Till, dark-gray	4	11
Refusal		at 11

Bk 117. 414749N715332.1. Crystal Water Co. Altitude 180 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Boulder hardpan coarse, dirty gravel	10	10
Boulders, coarse, hard, nested	5	15
Gravel, coarse; boulders; traces of hardpan	10	25
Sand, medium to coarse, boulders, traces of clay	21	46
Sand, medium to coarse, some silt	23	69

Bk 117a. 414749N715332.2. Crystal Water Co. Altitude 180 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Gravel, coarse, and boulders	20	20
Sand, coarse, and gravel; some clay	5	25
Sand, coarse, traces of clay	10	35
Sand, medium, traces of clay	21	56
Sand, medium to coarse, some silt	23	79

Bk 128. 414756N715425.1. Crystal Water Co. Altitude 225 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Sand and clay	10	10
Sand, medium to fine	10	20
Sand, medium to coarse, traces of clay	5	25
Sand, medium to fine	15	40
Ledge		at 40

Bk 129. 414814N715356.1. Crystal Water Co. Altitude 200 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Sand and gravel	10	10
Sand, fine, gray	5	15
Sand, fine, and clay; gray	18	33
Hardpan and clay, gray till	2	35
Ledge		at 35

Bk 130. 414857N715456.1. U.S. Geol. Survey. Altitude 212 ft. Depth to water about 20 ft.

	Thickness (feet)	Depth (feet)
Sand, pebbly	5	5
Sand, fine and very fine, yellowish-gray	7	12
Sand, very fine, and silt	6	18
Silt, and some very fine sand	22	40
Silt, fine-grained; thin clay layers, chiefly in lower part; light-gray below about 60 ft. A few stones 79-81 ft may mark top of till	44	84
Till, silty, angular pebbles	1½	85½
Refusal		at 85½

Bk 131. 414558N715641.1. U.S. Geol. Survey. Altitude 188 ft. Depth to water 18.55 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, with granules and small pebbles; grayish-orange	3½	3½
Sand, fine, orange	½	4
Sand, fine to very fine, pale grayish-orange	3	7
Sand, very fine, and silt	5	12
Silt and clay	18±	30±
Sand, fine to very fine, silty; with about 15% medium to coarse sand, probably as thin water-bearing layers interbedded chiefly in upper part	21±	51
Uncertain; may be sandy till(?), like that below, or may be very fine sand or silt containing a few pebbles in upper part	12	63
Till(?), sandy; samples mostly medium sand to silt, medium to dark-gray; granules of black rock	4	67
Till, silty or clayey, stony; tough; dark gray; stones predominantly black	1	68
Refusal		at 68

Bk 132. 414606N715705.1. U.S. Geol. Survey. Altitude 146 ft.

	Thickness (feet)	Depth (feet)
Sand	2	2
Clay, some silt near top; grayish-yellow-brown 2-10 ft, medium-gray below	22	24
Sand, very coarse to very fine, with granules and pebbles; coarser sizes predominant	16	40
Sand, coarse to very fine	7	47
Till(?), sandy, dark-gray; sample is very fine to very coarse sand, silty, a few angular pebbles of dark rock	4	51
Till, silty, stony, dark-gray	1	52
Refusal		at 52

Town of Canterbury

Cy 42. 413936N715733.1. Joseph Walsh. Altitude 130 ft. Log by owner, who dug well himself.

	Thickness (feet)	Depth (feet)
Loam	1	1
Gravel, 1-in. to ¼-in.	7	8
Sand, fine	4	12
Clay silt or very fine sand	10	22
Gravel		at 22

Cy 81. 414154N720003.1. Harry Willax. Altitude 300 ft. Log by W. Harris, driller; also field examination of drill cuttings by D. Underhill, U.S. Geol. Survey.

	Thickness (feet)	Depth (feet)
Fill	5±	5±
Gravel, fine, some pebbles	24	29
Sand, fine	20	49
Sand, fine to very fine, yellowish	10	59
Gravel, coarse, and rocks	10	69
Bedrock, dark-gray		at 69

Cy 100. 414153N715748.1. Connecticut State Highway Dept. Altitude 121 ft.

	Thickness (feet)	Depth (feet)
Fill	12	12
Sand and gravel, brown, coarse	2	14
Sand, fine, and silt; brown	47	61
Sand, very fine, and silt; gray	17	78
Sand, fine, brown	2	80
Gravel, sand, silt, cobbles till	7	87

Cy 102. 414150N715923.1. Connecticut State Highway Dept. Altitude 241 ft.

	Thickness (feet)	Depth (feet)
Muck, organic material, roots	2	2
Sand, medium to coarse, gravel, cobbles, silt; gray 2-12 ft, brown 12-18 ft till?	16	18
Rock, seamy to 22 ft, then hard	10	28

Cy 104. 414355N715657.1. U.S. Geol. Survey. Altitude 150 ft. Depth to water about 18 ft.

	Thickness (feet)	Depth (feet)
Sand, predominantly fine sand in upper part but grading to pebbly, fine to coarse sand near base	18	18
Sand, very fine, and silt	32	50
Sand, chiefly fine to very coarse sizes, probably interlayered fine and coarse beds, no gravel	27	77
Sand, fine, gray,	3	80
Gravel or boulder	1	81
Refusal		at 81

Cy 105. 414400N715616.1. U.S. Geol. Survey. Altitude 180 ft.

	Thickness (feet)	Depth (feet)
Pebble gravel and sand	7	7
Till, silty, hard, gray	4	11
Refusal		at 11

Cy 107. 414332N715656.1. U.S. Geol. Survey. Altitude 129 ft. Depth to water 8.49 ft.

	Thickness (feet)	Depth (feet)
Sand, chiefly fine sand; tan to brown, layers of fine pebble gravel at 10 ft and 14-17 ft	25	25
Gravel; pebbles in brown muddy matrix	7	32
No sample	8	40
Sand, very fine to medium, uniform, possibly a few coarse layers near base.	23	63
Gravel, pebbles, and very coarse to fine sand, sorting generally good	8½	7
Refusal		at 7

Town of Canterbury--Continued

Cy 108. 414348N715627.1. U.S. Geol. Survey. Altitude 145 ft. Depth to water about 7 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to very fine; light-gray 0-10 ft, gray-brown below; one stone at about 4 ft	16	16
Till, sandy, silty, micaceous	7	23
Refusal		at 23

Cy 109. 414424N715639.1. U.S. Geol. Survey. Altitude 168 ft. Depth to water about 30 ft.

	Thickness (feet)	Depth (feet)
Soil and fine to very coarse sand	3	3
Sand, fine to very fine	14	17
Sand, very fine, and silt; silt predominates below 35 ft	43	60
Silt; possibly a little clay	52	112

Cy 110. 414108N715722.1. U.S. Geol. Survey. Altitude 112 ft. Depth to water about 6 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, medium-brown to very dark-brown	9	9
Sand, coarse to fine, poorly sorted, very dark-brown	4	13
Gravel, and poorly sorted very dark-brown sand	4	17
Sand, poorly sorted, very dark-brown	3	20
Sand, very fine to fine, and silt, olive-gray-brown; probably with very thin layers of medium sand to granules	30	50
Sand, very fine, and silt, grayish-olive containing large stones of a dark-gray rock from 54 ft to 60 ft	10	60
Refusal		at 60

Cy 111. 414022N715737.1. U.S. Geol. Survey. Altitude 109 ft. Depth to water less than 12 ft.

	Thickness (feet)	Depth (feet)
Soil; and sand, fine to very fine, chocolate-brown to medium-brown	18	18
Gravel, with dark-gray fine sand	2	20
Refusal		at 20

Cy 113. 413838N715742.1. U.S. Geol. Survey. Altitude 148 ft. Depth to water 8 ft.

	Thickness (feet)	Depth (feet)
Sand, very fine, tan, silty in lower part	28	28
Gravel	4	32
Sand, very coarse to very fine, a few pebbles	5	37
Refusal on stone		at 37

Cy 114. 413839N715747.1. U.S. Geol. Survey. Altitude 128 ft. Depth to water of hole b 3 ft.

	Thickness (feet)	Depth (feet)
Hole a:		
Sand, very fine and fine	11	11
Sand, fine to coarse, and pebble gravel	4	15
Gravel, coarse; refusal		at 15
Hole b: 20 ft east of hole a:		
Sand, orange, iron-stained	3	3
Gravel, with iron-stained sand	5	8
Refusal		at 8

Cy 120. 414131N715823.1. Howard Hart. Altitude 208 ft. Log by G. W. Rood, driller.

	Thickness (feet)	Depth (feet)
Hardpan	17	17
Rock, very hard (drilled 4 ft per day), white	36	53
Rock, hard (8 ft per day), light-colored.	91	144
Rock, soft (2 ft per hour), gray; only a little mica in cuttings	9	153
Not reported	22	175

Cy 121. 413822N715724.1. U.S. Geol. Survey. Depth to water 143 ft. Altitude 143 ft.

	Thickness (feet)	Depth (feet)
Gravel (road fill)	5	5
Organic muck, brownish-black	2	7
Silt, fine-grained; brownish-gray 7-12 ft, gray below; thin dark-gray clay layers in lower part	16	23
Gravel and coarse to very fine sand, poorly sorted, dark-yellowish-orange	12	35
Sand	2	37

Town of Griswold

Gs 34. 413810N715829.1. Frank Wojtkun. Altitude 135 ft. Log by S & S Well Drilling Co.

	Thickness (feet)	Depth (feet)
Sand, fine, and clay	52	52
Sand, medium-fine	38	90
Sand	35	125
Gravel	7	132

Gs 37. 413749N715811.1. John Okoney. Altitude 135 ft. Log by owner, from memory.

	Thickness (feet)	Depth (feet)
Loam, subsoil	2	2
Clay, hard, white silt	12	14
Gravel, clean and loose	10	24
Ledge or boulder		at 24

Gs 47. 413652N715750.2. Jewett City Water Co. Altitude 118 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Clay	38	38
Gravel, dirty	7	45
Sand, good	5	50
Refusal		at 50

Gs 100. 413803N715615.1. Connecticut State Highway Dept. Six borings in this locality penetrated 6 to 13 ft of soil and till above bedrock.

Gs 106. 413717N715640.1. Connecticut State Highway Dept. Six borings in this locality penetrated chiefly till and reached bedrock at depths of 10 to 16 ft.

Gs 109. 413651N715648.1. Connecticut State Highway Dept. Altitude 201 ft.

	Thickness (feet)	Depth (feet)
Silt, some sand and gravel, brown	2	2
Sand; coarse to fine, and gravel; brown	8	10
Sand, coarse to fine, gray-brown	5	15
Gravel, coarse to fine, and coarse to fine sand; gray	20	35
Sand, coarse to fine, and silt; gray-brown	2	37
Gravel, and coarse to fine sand, some silt; gray till(?)	8	45
Boulders	3	48
Rock	5	53

Gs 115. 413630N715655.1. Connecticut State Highway Dept. Altitude 129 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Silt, organic, soft, dark-brown	2	2
Silt, and fine sand, gray-brown	2	4
Gravel, and coarse to fine sand, some silt	2	6
Sand, fine to medium, brown	10	16
Sand, fine, brown	4	20
Sand, fine, and silt; micaceous, brown	12	32
Sand, fine to medium, a little silt, brown	13	45
Boulders	5	50
Rock	4	54

Gs 117. 413608N715722.1. Connecticut State Highway Dept. Two borings 60 and 125 ft upslope from this location reached bedrock at depths of 14 and 17 ft. Two borings 50 and 75 ft downslope reached bedrock at depths of 30 and 31 ft. Overburden was largely till and boulders; depth to water was about 11 ft below land surface.

Gs 119. 413522N715909.1. Connecticut State Highway Dept. Altitude 78 ft. Depth to water 7 ft.

	Thickness (feet)	Depth (feet)
Silt, a little fine sand, roots, dark brown	2	2
Silt, a little fine sand, micaceous, gray brown	6	8
Gravel, some coarse to fine sand, brown	7	15
Sand, coarse to fine, a little fine gravel, brown	10	25
Silt, brown	5	30
Gravel and coarse to fine sand, a little silt, brown	6	36
Rock	5	41

Gs 125. 413522N715910.1. Connecticut State Highway Dept. Altitude 83 ft. Depth to water 14 ft.

	Thickness (feet)	Depth (feet)
Silt, a little fine sand, roots, brown	3	3
Sand, medium to fine, brown	7	10
Silt, gray-brown	5	15
Silt and fine sand, gray-brown	16	31
Sand, coarse to fine, gray-brown	22	53
Gravel, some coarse to fine sand, gray	8	61
Rock	5	66

Gs 132. 413521N715914.1. Connecticut State Highway Dept. Altitude 69 ft. Depth to water 0 ft.

	Thickness (feet)	Depth (feet)
Water	4	4
Gravel, and coarse to fine sand, brown	5	9
Sand, coarse to medium, some fine gravel; brown	10	19
Sand, coarse to medium, brown	15	34
Sand, coarse to fine, variable amounts of gravel, brown	20	54
Gravel and coarse to fine sand, some silt brown	5	59
Sand, coarse to fine, brown (top) to gray	10	69
Silt and coarse to fine sand, medium-compact, gray till(?)	2	71
Rock	5	76

Gs 133. 413613N715901.1. Connecticut State Highway Dept. Altitude 109 ft.

	Thickness (feet)	Depth (feet)
Loam	1	1
Gravel, sand, and cobbles	19	20
Gravel, boulders, sand, and clay	8	28
Ledge	5	33

Gs 138. 413506N713606.1. Connecticut State Highway Dept. Altitude 148 ft.

	Thickness (feet)	Depth (feet)
Sand, medium, and silt	16	16
Gravel, medium	8	24
Sand, fine to medium, and gravel	8	32
Sand, medium to coarse, and gravel	6	38
Rock, soft	6	44

Gs 140. 413616N715908.1. Connecticut State Highway Dept. Altitude 78 ft.

	Thickness (feet)	Depth (feet)
Gravel	6	6
Gravel and clay, hard till(?)	17	23
Gravel no indication of maximum depth reached	?	?

Gs 143. 413619N715910.1. Connecticut State Highway Dept. Altitude 78 ft.

	Thickness (feet)	Depth (feet)
Black muck	6	6
Gravel	3	9
Sand	12	21
Gravel	3	24
Rock		at 24

Gs 145. 413620N715913.1. Connecticut State Highway Dept. Altitude 79 ft.

	Thickness (feet)	Depth (feet)
Black muck	8	8
Gravel	6	14
Sand	7	21
Gravel	8	29
Rock		at 29

Gs 147. 413608N715915.1. Connecticut State Highway Dept. Altitude 70 ft (river bottom).

	Thickness (feet)	Depth (feet)
Gravel	3	3
Sand	1	4
Rock		at 4

Gs 148. 413536N715816.1. Connecticut State Highway Dept. Depth to water 5 ft. Altitude 231 ft.

	Thickness (feet)	Depth (feet)
Silt, dark-brown	2	2
Till, sandy, gray-brown to gray	28	30
Till, boulders, dark-gray	7	37
Rock	5	42

Gs 151. 413526N715836.1. Connecticut State Highway Dept. Depth to water 5 ft. Altitude 226 ft.

	Thickness (feet)	Depth (feet)
Silt, some fine sand, roots, brown	1	1
Sand, medium to fine, traces of silt and fine gravel, rock fragments, medium-compact, tan till(?)	18	19
Sand, fine to medium, traces of silt and fine gravel, rock fragments, very compact, gray till(?)	15	34
Rock	5	39

Gs 153. 413506N715544.1. U.S. Geol. Survey. Altitude 170 ft. Depth to water about 25 ft.

	Thickness (feet)	Depth (feet)
Gravel, poorly sorted	7	7
Sand, chiefly medium to fine, sorting moderate	5	12
Gravel, granule and small pebble sizes, and coarse to very coarse sand; some fine sand to silt in upper part, lower part silty	10	22
Sand, coarse to very fine, variable in grain size and silt content	20	42
Gravel or till	2	44

Gs 154. 413719N715742.1. U.S. Geol. Survey. Altitude 115 ft. Depth to water 6.0 ft.

	Thickness (feet)	Depth (feet)
Gravel, and fine to coarse sand	7	7
Sand, very coarse to very fine, yellowish-brown	25	32
Sand, very coarse to fine, moderately well sorted; some medium to fine sand in lower part	17	49
Gravel, pebble sizes, with very coarse to medium sand; slightly to moderately silty; light-brown	1	50
Refusal		at 50

Gs 155. 413734N715756.1. U.S. Geol. Survey. Altitude 118 ft. Depth to water 7.1 ft.

	Thickness (feet)	Depth (feet)
Sand, predominantly coarse but silty and generally poorly sorted	32	32
Sand, very coarse to very fine, a little silt, sorting moderate to poor	18	50
Till, sandy, stony 54-56 ft; dark-greenish-gray	6½	56½
Refusal		at 56½

Town of Griswold--Continued

Gs 156. 413738N715815.1. U.S. Geol. Survey. Altitude 109 ft. Depth to water 5.7 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to fine	12	12
Sand, very coarse to medium, moderately well to well sorted, scattered pebbles	20	32
Sand, coarse to medium, some fine sand	13	45
Sand, poorly sorted, silty, greenish-gray, may be very sandy till	5	50
Till, sandy, stony, greenish-gray	2	52

Gs 157. 413750N715829.1. U.S. Geol. Survey. Altitude 100 ft. Depth to water 3.7 ft.

	Thickness (feet)	Depth (feet)
Fill (reported by land owner)	6	6
Sand, very coarse to very fine, and gravel; sorting moderate to poor	26	32
Till, micaceous, firm, grayish-olive	2	34
Refusal on stone		at 34

Gs 158. 413747N715533.1. U.S. Geol. Survey. Altitude 167 ft. Depth to water about 7 ft.

	Thickness (feet)	Depth (feet)
Sand, sorting fair to poor, pebbly; predominantly medium to very coarse sand but with a large content of very fine sand to silt	27	27
Till	2	29
Refusal		at 29

Gs 159. 413345N715240.1. U.S. Geol. Survey. Altitude 196 ft. Depth to water 10.2 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse	17	17
Sand, medium to very fine	18	35
Sand, fine to very fine	10	45
Sand, fine to very fine, a few stones	5	50
Till	5	55
Refusal		at 55

Gs 160. 413350N715505.1. U.S. Geol. Survey. Altitude 179 ft.

	Thickness (feet)	Depth (feet)
Sand, chiefly medium to very fine	25	25
Gravel, probably cobble or coarse pebble sizes, with coarse to very fine sand	9	34
Refusal		at 34

Gs 161. 413458N715430.1. U.S. Geol. Survey. Altitude 193 ft. Depth to water measured as 11.9 ft.

	Thickness (feet)	Depth (feet)
Artificial fill (old road)	1	1
Sand, fine to very fine, and silt	2	3
Silt, a little fine to very fine sand	5	8
Till	11	19

Gs 162. 413332N715225.1. U.S. Geol. Survey. Altitude 197 ft.

	Thickness (feet)	Depth (feet)
Sand, medium, moderately sorted, a few pebbles	12	12
Sand, medium to very fine, yellowish-	15	27
Sand, very fine to fine, and silt	20	47
Silt; some very fine sand in lower part	20	67
Sand, very fine, and silt	6	73
Till, rich in silt	5	78
Refusal		at 78

Gs 163. 413438N715522.1. U.S. Geol. Survey. Altitude 183 ft. Depth to water about 22 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to very coarse, a few pebbles	7	7
Sand, medium to fine	5	12
Sand, coarse to very coarse, granules	10	22
Sand, may be poorly sorted, few reliable samples	28	50
Sand, may be chiefly very fine to medium	42	92
Sand, medium to coarse, and gravel; some fine sand	10	102
Till(?)	1	103
Refusal		at 103

Gs 164. 413540N715553.1. U.S. Geol. Survey. Altitude 180 ft. Depth to water about 35 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble and cobble sizes	7	7
Sand, medium to very coarse, and pebble gravel	6	13
Sand, fine to medium and fine to coarse, pebbly layers above 26 ft, some fine sand to silt in lower part	27	40
Sand, very fine, and silt; some fine sand	42	82
No samples; behavior of auger suggests sand with gravel layers 82-101½ ft, gravel or till 101½-105 ft	23	105
Refusal		at 105

Gs 165. 413128N715305.1. U.S. Geol. Survey. Altitude 203 ft. Depth to water 9.55 ft.

	Thickness (feet)	Depth (feet)
Road fill	2	2
Sand, fine to very fine, well sorted; pale grayish-yellow at top, grayish-orange at bottom	5	7
Sand, fine to coarse, with fine silt to clay. Color moderate yellowish-brown at top, dark yellowish-orange at bottom, largely on silt-clay grains	5	12
Sand, chiefly fine to very coarse, with about 15% very fine sand and silt; light-olive-brown	28	40
Sand, very coarse to very fine, silty, pebbly throughout, poorly-sorted; light-olive-gray. Apparently few large stones May be sandy till, especially lower part	56	96
Refusal		at 96

Town of Killingly

Ki 5. 415012N715426.1. The Rogers Paper Manufacturing Corp. Altitude 198 ft. Sample-study log by R. M. Bagg, geologist.

	Thickness (feet)	Depth (feet)
Gravel (pebble sizes) and fine sand	15	15
Sand, very fine to fine	20	35
Gravel, coarse	5	40
Sand, very fine to fine	10	50
Sand, coarse, gritty, dark-gray, with small angular pebbles till(?)	13	63
Schist, quartzitic, light-gray, with vein quartz; highly fractured	12	75
Gneiss, granitic, dark-gray	10	85
Rock, pale-yellow	10	95
Gneiss, granitic, light-yellowish-brown, much iron oxide	10	105

Ki 6. 415008N715419.1. The Rogers Paper Manufacturing Corp. Altitude 198 ft. Sample-study log by R. M. Bagg.

	Thickness (feet)	Depth (feet)
Soil, and coarse angular gravel	10	10
Silt, sandy, non-calcareous, pale-gray-white to yellowish	15	25
Sand, fine to coarse, yellowish, non-water bearing	5	30
Bedrock, highly calcareous, with rusty colored weathered fragments	5	35

Ki 8. 415027N715434.1. The Rogers Paper Manufacturing Corp. Altitude 245 ft. Driller's log, and sample-study log by R. M. Bagg.

	Thickness (feet)	Depth (feet)
Sand, coarse, pebbly, gray	5	5
Gravel, coarse	7	12
Sand, coarse, gritty, light-gray, water-bearing	12	24
Clay, siliceous, gray	7	31
Hardpan and boulders till	11	42
Gneiss, granitic, micaceous, undecomposed	2	44

Ki 9. 415021N715437.1. The Rogers Paper Manufacturing Corp. Altitude 201 ft. Driller's log, and sample-study log by R. M. Bagg.

	Thickness (feet)	Depth (feet)
Fill	5	5
Gravel, coarse, dark, with boulders, water-bearing	12	17
Clay, aluminous, light-blue	12	29
Clay, yellow	8	37
Gravel and sand, dark	7	44
Gneiss, granitic, gray	1	45

Ki 11. 415013N715438.1. The Rogers Paper Manufacturing Corp. Altitude 200 ft. Log by Ranney Corp., driller.

	Thickness (feet)	Depth (feet)
Topsoil, loam	3	3
Sand, coarse, and small gravel; brown	5	8
Boulders, and coarse brown sand	4	12
Sand, fine, and silt; gray	30	42
Rock		at 42

Ki 13. 415019N715441.1. The Rogers Paper Manufacturing Corp. Altitude 206 ft. Log by Ranney Corp., driller.

	Thickness (feet)	Depth (feet)
Fill	9	9
Sand, coarse, gravel and boulders; brown	11	20
Sand, fine, and silt; gray	24	44
Rock		at 44

Ki 16. 415017N715437.1. The Rogers Paper Manufacturing Corp. Altitude 204 ft. Log by C. A. McGuire & Associates, consulting engineers.

	Thickness (feet)	Depth (feet)
Sand, fine, light-brown	3	3
Sand, fine to medium, gravel, boulders; brown	6	9
Sand, fine to coarse, some gravel; brown	4	13
Sand, coarse to medium, some gravel; brown	7	20
Sand, fine, gray-brown	20	40
Silt, gray	15	55
Sand, coarse to fine, gravel, some silt, brown till(?)	5	60
Schist, micaceous, granitized, gray, vertical seams	2	62

Ki 60. 414601N715322.1. Wauregan Mills, Inc. Altitude 198 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Sand, medium-fine, clean	10	10
Sand, medium, dirty	5	15
Sand, medium to coarse, dirty	15	30
Sand, coarse, and gravel; dirty	11	41
Bedrock		at 41

Ki 100. 414731N714754.1. Connecticut State Highway Dept. Altitude 512 ft. Depth to water 14 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, and fine to medium gravel; light brown	6	6
Sand, fine, a little silt; light brown	35	41
Sand, coarse, and gravel	3	44
Rock	5	49

Ki 102. 414726N714755.1. Connecticut State Highway Dept. Altitude 495 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Muck, black	3	3
Boulders and sand, brown	5	8
Sand, fine, silty, brown; some decomposed rock	4	12
Rock, some seams	12	24

Ki 105. 414730N714804.1. Connecticut State Highway Dept. Altitude 496 ft.

	Thickness (feet)	Depth (feet)
Topsoil, sand, silt, and roots; brown	3	3
Gravel, medium; sand, gray silt	5	
Sand, fine, and silt; gray	4	
Gravel, cobbles (50%); sand, silt (50%) till	8	20
Rock	5	25

Ki 106. 414708N714844.1. Connecticut State Highway Dept. Five borings at this locality reached bedrock at depths of 4 to 10 ft.

Ki 109. 414655N714932.1. Connecticut State Highway Dept. Six borings in this locality reached bedrock depths of 1 to 5 ft.

Ki 112. 414642N715024.1. Connecticut State Highway Dept. Altitude 525 ft. Depth to water 13 ft.

	Thickness (feet)	Depth (feet)
Silt and fine sand, a little clay and gravel, light brown till	13	13
Gravel, coarse to fine sand, some silt, a little clay, gray till	14	27
Sand, very coarse to medium, a little gravel, brown gray	5	32
Rock, soft, broken	7	39

Ki 116. 414633N715051.1. Connecticut State Highway Dept. Altitude 358 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Sand, fine; some silt, a little fine gravel and medium to coarse sand; gray	5	5
Sand, fine to medium, fine to medium gravel, and a little silt; gray	7	12
Rock, soft and broken	29	41

Ki 117. 414635N715051.1. Connecticut State Highway Dept. Altitude 358 ft. Depth to water 0 ft.

	Thickness (feet)	Depth (feet)
Muck and peat	8	8
Boulder	3	11
Gravel, fine to medium, and coarse to medium sand, some fine sand, a little silt; tan	16	27
Gravel, medium to fine, and coarse to medium sand; tan	5	32

Ki 120. 414619N715130.1. Connecticut State Highway Dept. Six borings in this locality reached bedrock at depths of 7 to 29 ft.

Town of Killingly--Continued

Ki 124. 414612N715146.1. Connecticut State Highway Dept. Altitude 363 ft. Depth to water 0 ft.

	Thickness (feet)	Depth (feet)
Water	8	8
Silt and fine sand, varved, tan; some fine gravel at base	9	17
Silt and a little clay, varved, tan	5	22
Sand, coarse to medium, tan	5	27
Gravel, coarse to fine, and coarse to fine sand, tan	18	45
Rock, gray, medium-hard	5	50

Ki 126. 414600N715211.1. Connecticut State Highway Dept. Eight borings in this locality reached bedrock at depths of 2 to 4 ft.

Ki 131. 414553N715219.1. Connecticut State Highway Dept. Eight borings in this locality reached bedrock at depths of 0 to 10 ft.

Ki 135. 414742N715236.1. Connecticut State Highway Dept. Altitude 288 ft. Depth to water 10 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, and silt, dark brown, roots	2	2
Gravel, coarse to fine, some coarse to fine sand, brown-gray	7	9
Gravel and coarse to fine sand, brown-gray	13	22
Sand, fine to medium, some medium to fine gravel, a little silt, gray till(?)	38	60
Rock, gray and pink granite gneiss, many seams	4	64

Ki 142. 414737N715237.1. Connecticut State Highway Dept. Altitude 278 ft. Depth to water 8 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, some silt, dark brown, roots	2	2
Sand, coarse to fine, some gravel, a little silt, gray till(?)	8	10
Sand, coarse to fine, brown	2	12
Sand, medium to fine, some gravel, a little silt, gray till(?)	9	21
Sand, fine, and silt; gray	1	22
Gravel and coarse to fine sand, gray	3	25
Boulder	1	26
Gravel and coarse to fine sand, gray	2	28
Rock, hard, quartzitic, seamy, gray	5	33

Ki 144. 414737N715228.1. Connecticut State Highway Dept. Altitude 310 ft. Depth to water 13 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, a little silt, brown	3	3
Sand, fine, some silt, some gravel, brown, very dense; boulders below 22 ft till	24	27

Ki 148. 414720N715049.1. Connecticut State Highway Dept. Altitude 366 ft. Depth to water 2 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, brown	3	3
Sand, fine, gray	6	9
Sand, fine, and silt; light gray	48	57
Silt, trace of clay, light gray	5	62
Sand, fine, some silt, gray	20	82
Sand, fine, gray tan	7	89

Ki 154. 414832N715222.1. Connecticut State Highway Dept. Altitude 351 ft.

	Thickness (feet)	Depth (feet)
Brown topsoil	1	1
Sand, fine to coarse; traces of gravel, silt, and clay; tan (glacial till)	37	38
Rock, hard granite	5	43

Ki 162. 415016N715237.1. Connecticut State Highway Dept. Altitude 254 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Boulders, sand, silt	4	5
Sand, silt, cobbles, gravel; tan	4	9
Sand, fine to coarse, silt, gravel, cobbles; gray till(?)	16	25
Cobbles, sand, silt, gravel; very hard till	4	29
Rock, gray, hard	4	33

Ki 164. 414959N715232.1. Connecticut State Highway Dept. Altitude 289 ft.

	Thickness (feet)	Depth (feet)
Sand and gravel, trace silt, some cobbles, tan till	10	10
Sand, fine; a little medium to coarse sand; traces of gravel, silt, clay, cobbles; tan till	27	37

Ki 168. 414749N715305.1. Connecticut State Highway Dept. Altitude 183 ft.

	Thickness (feet)	Depth (feet)
Fill	3	3
Gravel, sand, and silt fill(?)	3	6
Silt, yellow	2	8
Sand, fine to medium, and silt; in layers	4	12
Gravel, sand, and silt; coarser gravel at base	8	20
Rock	6	26

Ki 169. 414842N715308.1. Connecticut State Highway Dept. Altitude 238 ft.

	Thickness (feet)	Depth (feet)
Silt, traces of sand and gravel, orange-brown	2	2
Gravel, some fine to coarse sand, a little silt, tan	7	9
Sand, fine to medium, a little silt, tan	2	11
Sand, fine to coarse, a little gravel, cobbles, and silt; tan	19	30

Ki 170. 414843N715300.1. Connecticut State Highway Dept. Altitude 242 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, a little gravel, cobbles, and silt; orange-brown	5	5
Gravel and coarse to fine sand, some silt, a few cobbles, tan	11	16
Sand, fine to coarse, and silt; a little gravel and cobbles, tan	9	25

Ki 171. 414835N715248.1. Connecticut State Highway Dept. Altitude 258 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to fine, some gravel; brown-tan	13	13
Sand, coarse; some fine to medium gravel; a little medium to fine sand and silt; brown-tan	7	20
Sand, coarse to fine, some gravel, a little silt, cobbles; brown	10	30

Ki 172. 414834N715237.1. Connecticut State Highway Dept. Altitude 280 ft.

	Thickness (feet)	Depth (feet)
Sand, silt, a little gravel; dark brown and black	2½	2½
Sand, fine to coarse, some silt, a little gravel; orange-brown (top) to tan	7½	10
Bedrock, gray-white	2	12

Ki 173. 414724N715045.1. Connecticut State Highway Dept. Altitude 365 ft.

	Thickness (feet)	Depth (feet)
Swamp mud and roots	4	4
Gravel, sand, and silt	5	9
Sand, medium to fine, and silt	8	17
Gravel, sand, and silt	5	22
Sand, fine, and silt	10	32
Sand, coarse to fine, silt, a little gravel	6	38
Sand, fine to medium, and silt	5	43
Sand, coarse to medium, and silt	7	50
Sand, fine, and silt	34	84
Sand, very fine, and silt	38	122

Ki 176. 414948N715258.1. Connecticut State Highway Dept. Altitude about 230 ft.

	Thickness (feet)	Depth (feet)
Black muck, silt, and fine sand	58	58
Sand, gravel, and cobbles	15	73
Sand, fine to coarse	13	86
Sand, gravel, and cobbles	6	92
Rock	4	96

Ki 183. 415050N714931.1. Mrs. Barbara Harris. Altitude 535 ft. Log by S & S Well Drilling Co.

	Thickness (feet)	Depth (feet)
Hardpan, large boulders till	21	21
Sand, fine, cemented, with occasional boulders	55	76
Clay, hard till(?)	28	104
Shale (broken), sand, and pebbles sand and gravel(?)	24	128

Ki 217. 415217N715204.1. Raymond Lamoureux. Altitude 300 ft. Log by owner, who drilled well himself.

	Thickness (feet)	Depth (feet)
Hardpan and stones coarse, dirty gravel(?)	24	24
Clay fine-grained sediment	24	48
Gravel, sandy	4	52
Gravel, coarse, water-bearing	5	57
Ledge		at 57

Ki 219. 414610N715426.1. U.S. Geol. Survey. Altitude 148 (about 10 ft below original lsd). Depth to water 1.5 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to very coarse, pebbles, granules; clean	13½	13½
Gravel, fine, and medium to very coarse sand	5½	19
Till	1	20
Refusal		at 20

Ki 220. 414609N715416.1. U.S. Geol. Survey. Altitude 163 ft. Depth to water about 5 ft.

	Thickness (feet)	Depth (feet)
Soil, subsoil	2	2
Gravel, and poorly sorted sand	8	10
Sand, medium to very coarse, granules; upper part moderately well sorted	12	22
Sand, fine, interbedded with or underlain by coarse sand	8	30
Gravel	1	31
Sand, coarse, poorly sorted, intense orange color due to iron stain	2	33
Refusal		at 33

Ki 221. 415054N715433.1. U.S. Geol. Survey. Altitude 250 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebbles, and poorly sorted sand, chocolate-brown at top to grayish-brown at bottom	9	9
Sand, very fine to coarse, some granules, somewhat silty 9-25 ft	26	35
Sand, very fine to fine	20	55
Silt, fine-grained, interbedded with layers of fine sand to silt	5	60
Till or gravel (?)	6	66

Ki 222. 414745N715047.1. U.S. Geol. Survey. Altitude 390 ft. Depth to water about 20 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble and cobble sizes (exposed in pit walls)	15	15
Sand, very fine, and silt; tan, pebbly	7	22
Sand, very fine to very coarse, pebbly, and pebble gravel; brown	18	40
Sand, chiefly very fine to medium, brown	15	55
Sand, chiefly fine to very fine, but with some medium and a little coarse sand	47	102
Sand, very fine to medium; numerous angular quartz pebbles, nearly white. May be sandy till.	5	107

Ki 223. 414923N715024.1. U.S. Geol. Survey. Altitude 350 ft. Depth to water about 7 ft.

	Thickness (feet)	Depth (feet)
Silt and organic material, gray to black	7	7
Silt, with some very fine sand and a trace of fine sand; yellowish-gray. May contain a few scattered stones	82	89
Sand, chiefly fine and very fine but with some coarser grains and numerous pebbles; pebbles mostly angular, possibly sandy till	5	94

Ki 224. 415223N715154.1. U.S. Geol. Survey. Altitude 305 ft. Depth to water about 10-12 ft.

	Thickness (feet)	Depth (feet)
Sand, very fine to medium, fairly well sorted, pale-grayish-orange	12	12
Sand, very fine to fine	12	24
Sand, fine to medium, pebbly	9	33
Till(?)	1	34

Ki 235. 415010N715153.1. Clifford Renaud. Altitude 350 ft. Log by owner, who dug well himself.

	Thickness (feet)	Depth (feet)
Gravel, with boulders up to 3-ft diameter	13	13
Gravel, fine	3	16
Clay, hard, a few cobbles.	3	19
Gravel, granules and pebbles to ½-in. diameter, loose	3½	22½

Ki 258. 414719N715046.1. Connecticut State Highway Dept. Altitude 363 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to fine, gray; and organic matter	4	4
Sand, fine, a little gravel and silt, gray	5	9
Sand, fine, some silt; gray	6	15
Silt, gray	16	31
Sand, fine, and silt; tan	24	55

Ki 261. 415023N715435.1. The Rogers Corp. Altitude 210 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Sand and gravel	3	3
Sand, medium to fine	22	25
Sand, very fine, and clay	17	42
Hardpan	9	51
Bedrock	49	100

Ki 262. 415010N715436.1. The Rogers Corp. Altitude 201 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Muck	9	9
Sand and gravel, dirty	6	15
Sand and gravel, clean	5	20
Sand and gravel, dirty	5	25
Sand, fine, and some gravel	10	35
Sand, fine, and clay	5	40
Silt, blue, and clay	15	55
Clay, gray	9	64
Sand, coarse, water-bearing.	2	66
Hardpan till	17	83
Ledge		at 83

Town of Killingly--Continued

Ki 263. 415013N715430.1. The Rogers Corp. Altitude 199 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Muck	1	1
Sand, fine	4	5
Sand and gravel	5	10
Sand, coarse	5	15
Sand, coarse, and gravel	8	23
Sand, fine, brown	12	35
Sand, very fine, brown	20	55
Clay, blue	5	60
Sand, very fine, and silt	10	70
Silt and clay	22	92
Hardpan till	4	96
Ledge		at 96

Ki 285. 414603N715321.1. Wauregan Mills, Inc. Altitude 200 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Loam and boulders	5	5
Sand, coarse, and gravel; very dirty	10	15
Sand, coarse, very dirty	5	20
Sand, medium, dirty	5	25
Sand, medium, very dirty	3	28
Ledge		at 28

Ki 286. 414559N715324.1. Wauregan Mills, Inc. Altitude 199 ft. Driller's log; sample-study log by A. D. Randall, 25-39 ft.

	Thickness (feet)	Depth (feet)
Boulders and some sand	5	5
Sand, clean	5	10
Sand and gravel, dirty	10	20
Sand, medium, with clay	5	25
Sand, coarse to fine, clean	5	30
Sand, very coarse to fine, pebbly, clean	5	35
Sand, very coarse to medium, pebbly, very silty	4	39
Ledge		at 39

Ki 325. 415035N715246.1. Connecticut State Highway Dept. Altitude 253 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Fill	3	3
Silt, and some fine sand, gray	17	20
Gravel and sand, gray	6	26
Silt and fine sand	2	28
Sand, layers of fine gravel, gray and tan	12	40
Sand, fine to medium, tan	10	50
Gravel, some sand, a little silt	10	60
Rock, very hard, gray	6	66

Ki 326. 415118N715257.1. Connecticut State Highway Dept. Altitude 290 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Sand and silt	4	4
Sand, coarse to fine, a little gravel, tan	6	10
Sand, fine to coarse, and silt, a little gravel, tan	15	25
Gravel, and fine to coarse sand, some silt, tan	8	33
Sand, layers of gravel, a little silt, tan	14	47
Till	17	64
Rock, soft, gray	4	68

Ki 327. 415144N715313.1. Connecticut State Highway Dept. Altitude 251 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Sand, fine, and silt; brown	2	2
Sand, fine to coarse, gravel, cobbles, some silt; brown	6	8
Sand, fine to coarse, a little silt; gray	5	13
Sand, fine, and silt; gray	6	19
Same, with very thin peat layers	7	26
Sand, fine to coarse, cobbles, a little silt; gray-brown to tan till-like, in part	30	56
Sand, fine, tan and brown	4	60

Ki 328. 415222N715337.1. Connecticut State Highway Dept. Altitude 275 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Sand and silt, a little gravel	3	4
Sand, fine, tan	6	10
Silt and fine sand, tan	15	25
Silt, a little clay, tan	6	31
Gravel, some fine to coarse sand, gray	9	40

Ki 340a. 415145N715420.2. Jacobs Rubber Co. Altitude 263 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Sand and gravel, brown	27	27
Sand, fine, and gravel; brown	6	33
Sand and silt, gray	3	36
Sand and scattered gravel, brown	27	63
Sand, fine, silty	2	65

Ki 341. 415150N715430.1. Jacobs Rubber Co. Altitude 260 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Dug well	18	18
Crushed stone, in bottom of well	3	21
Sand and gravel, silty	6	27
Hardpan	4	31
Refusal		at 31

Ki 342. 415150N715426.1. Jacobs Rubber Co. Altitude 265 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Sand and gravel	20	20
Sand, fine, with some gravel	8	28
Sand, fine, and silt	7	35
Sand, fine, with some small sharp gravel	10	45
Sand, fine, and silt	15	60
Sand, fine, and hard-packed gray clay	16	76
Gravel, small, sharp; pumped 4 gpm	2	78
Refusal		at 78

Ki 343. 415151N715426.1. Jacobs Rubber Co. Altitude 265 ft. Log by Haller Testing Labs.

	Thickness (feet)	Depth (feet)
Topsoil and roots	1	1
Sand, coarse to fine, a little gravel, yellow	6	7
Sand, coarse to fine, gray	15	22
Sand, fine, some silt	20	42

Ki 345. 415145N715421.1. Jacobs Rubber Co. Altitude 262 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Sand and gravel	26	26
Sand, fine, and gravel	14	40
Sand, fine, brown	30	70
Sand, fine, and silt	5	75
Sand, fine, brown	8	83
Sand, fine, with some small gravel; brown	7	90
Sand, fine, brown; no refusal	10	100

Ki 349. 415110N715422.1. Armand Campbell. Altitude 258 ft. Log by owner, who dug well himself.

	Thickness (feet)	Depth (feet)
Gravel, most stones 2-3 in. in diameter	6	6
Gravel, stones ½-in. in diameter	5	11
Hard clay, no stones silt(?)	1	12
Sand, very fine, white	2	14

Ki 355. 415052N715333.1. Arthur Parent. Altitude 252 ft. Log by Able Drillers & Pump Co.

	Thickness (feet)	Depth (feet)
Sand, no water	30	30
Quicksand very fine sand(?)	40	70
Gravel	7	77
Sand, very red due to iron-stain	6	83
Sand, medium to very coarse, and granule gravel sample observed by geologist	15	98
Ledge, hard	36	134

Ki 356. 415052N715315.1. Joseph Tigue. Altitude 243 ft. Log by Able Drillers & Pump Co.

	Thickness (feet)	Depth (feet)
Sand, fine or very fine	35	35
Gravel, small pebble sizes	5	40
Gravel, small pebble sizes, interbedded with thin layers of fine sand	7	47

Ki 366. 415011N715030.1. Crystal Water Co. Altitude 351 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Gravel hardpan coarse, dirty gravel	15	15
Sand, fine, and silt	5	20
Silt	12	32
Sand, medium to coarse	13	45
Silt	19	64
Sand, medium to coarse	3	67
Ledge		at 67

Ki 367. 414816N715336.1. Crystal Water Co. Altitude 202 ft. Log by S. B. Church Co., driller.

	Thickness (feet)	Depth (feet)
Sand and gravel	5	5
Sand	5	10
Sand, fine, and clay	35	45
Sand, fine and very fine	20	65
Sand, very fine, and clay	15	80

Ki 369. 415252N714950.1. U.S. Geol. Survey. Altitude 367 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes	5	5
Sand, very fine, and silt; gray-green; possibly some medium sand in lower part	31	36
Sand, medium to fine and medium to coarse, perhaps some gravel	16	52
Gravel, pebble sizes, and medium to coarse sand	8	60
Refusal		at 60

Ki 370. 415115N715335.1. U.S. Geol. Survey. Altitude 245 ft. Depth to water 7.63 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, grayish-orange	7	7
Sand, fine and very fine	10	17
Sand, very fine, well sorted; some silt in lower part; light- gray below 45 ft	52	69
Silt, medium gray, with considerable gravel and very coarse sand; possibly till	2	71
Refusal, large stone possibly bedrock(?)		at 71

Ki 371. 415223N715410.1. U.S. Geol. Survey. Altitude 222 ft. Depth to water more than 10.5 ft.

	Thickness (feet)	Depth (feet)
Sand, mostly fine to coarse, pebbly	15	15
Sand, chiefly medium to very coarse, with granules and a few small pebbles; about 15% fine to very fine sand; medium-gray	10	25
Sand, fine and very fine, with about 15% coarser sand and granules, pale grayish-yellow	25	50
Sand, fine and very fine, with 25 to 50% coarser sizes, including a few pebbles; color as above	45	95
Sand, fine and very fine; perhaps 25% coarser sand in upper part, less below; becoming grayer with depth	35	130
Sand, fine and very fine, medium gray	22	152
Stopped--no refusal		

Ki 375. 415213N715254.1. Paul Mondor. Altitude 278 ft. Log by Able Drillers & Pump Co.

	Thickness (feet)	Depth (feet)
Loam, subsoil	6	6
Sand, fine	34	40
Sand and gravel	18	58
Sand, fine	4	62
Gravel, coarse, water-bearing	6	68

Town of Lisbon

Ls 103. 413522N715916.1. Connecticut State Highway Dept. Altitude 81 ft.

	Thickness (feet)	Depth (feet)
Silt, some coarse to fine sand, roots, brown	3	3
Sand, coarse to fine, and gravel; brown	12	15
Sand, coarse to fine, with a few scattered layers of fine gravel	30	[illegible]
Sand, coarse to fine, a little gravel, gray-brown	15	60
Sand, coarse to fine, a little silt, gray-brown	15	75
Gravel and coarse to fine sand, gray till(?)	3	78
Rock	5	83

Ls 106. 413520N715929.1. Connecticut State Highway Dept. Altitude 108 ft. Depth to water 6 ft.

	Thickness (feet)	Depth (feet)
Silt, roots, brown	3	3
Sand, medium to fine, and silt; brown	6	9
Till, sandy, compact, gray	25	34
Rock	5	39

Ls 108. 413607N715916.1. Connecticut State Highway Dept. Altitude 74 ft.

	Thickness (feet)	Depth (feet)
Gravel	8	8
Sand	11	19
Gravel	3	22
Rock		at 22

Town of Plainfield

Pl 173. 414302N715446.1. Albert Wilcox. Altitude 190 ft. Log by LaFrambolse-Toutant Well Drilling Co.

	Thickness (feet)	Depth (feet)
Sand, fine, pebbly	20	20
Sand and gravel, many boulders	60	80
Rock, soft, black	15	95
Rock, hard and soft layers, various colors	10	105

Pl 185. 414036N715533.1. Gallup Water Service. Altitude 164 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Clay, sand	6	7
Clay, soft	11	18
Gravel, hard-packed, some clay	17	35
Gravel, coarse, water-bearing	23	58
Gravel, medium to coarse, water-bearing	6	64

Pl 185a. 414036N715533.2. Gallup Water Service. Altitude 164 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Clay, sandy	3	[illegible]
Gravel, fine	8	[illegible]
Clay	11	22
Gravel, medium to coarse	42	64
Refusal		at 64

Town of Plainfield--Continued

Pl 186. 414037N715534.1. Gallup Water Service. Altitude 165 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Sand, fine to medium	24	24
Clay, sandy	31	55
Gravel, medium to coarse	6	61

Pl 187. 414035N715538.1. Gallup Water Service. Altitude 168 ft. Log by R. E. Chapman Co., driller.

	Thickness (feet)	Depth (feet)
Clay, sandy	3	3
Sand, medium to coarse	21	24
Sand, fine to medium	26	50
Sand and clay	7	57
Gravel, medium to coarse	11	68

Pl 200. 443920N715528.1. Connecticut State Highway Dept. Altitude 189 ft. Depth to water 5 ft.

	Thickness (feet)	Depth (feet)
Soil, silty, roots	2	2
Till, predominantly sandy, compact, gray-brown	18	20
Till, predominantly silty, very compact, gray-brown; boulder at 35 ft.	27	47

Pl 204. 414311N715458.1. Connecticut State Highway Dept. Altitude 151 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, trace of silt; tan	1	1
Gravel, sand, trace of silt; tan; remnants of timbers 6-13 ft	12	13
Till	1	14
Rock	7	21

Pl 206. 413943N715505.1. Connecticut State Highway Dept. Altitude 149 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Silt, a little fine sand, dark-brown, roots	4	4
Gravel, and coarse to fine sand, loose, gray-brown	6	10
Sand, coarse to fine, trace of silt, loose, gray-brown	8	18
Sand, coarse to fine, some gravel and rock fragments, medium compact, gray sandy till	12	30
Refusal		at 30

Pl 207. 414008N715440.1. Connecticut State Highway Dept. Altitude 178 ft. Depth to water 4 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to fine, and gravel; tan	19	19
Sand, medium to fine, and gravel; light-green till(?)	9	28
Rock, hard, gray-green	9	37

Pl 212. 414232N715354.1. Connecticut State Highway Dept. Altitude 216 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to medium, brown	4	4
Boulders	5	9
Sand, coarse to fine, a little gravel; dark-brown	6	15
Sand, coarse, and gravel; tan	5	20
Gravel, coarse, and coarse to fine sand; brown	4	24
Sand, coarse to fine, gravel, some silt, trace of clay, green till	3	27
Sand, medium, and gravel; green till(?)	7	34
Clay, silty, a little fine sand, gray-green till	6	40
Rock, hard, white	7	47

Pl 213. 414236N715353.1. Connecticut State Highway Dept. Altitude 213 ft. Depth to water 2 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to fine, fine gravel, trace of silt; brown	10	10
Boulders, no sample	5	15
Gravel, some coarse to medium sand, green-brown till(?)	5	20
Gravel, fine; some coarse to fine sand, dark-green to gray-brown till	15	35
Boulders, no sample	14	49
Bedrock, hard, gray	14	63

Pl 218. 413954N715453.1. Connecticut State Highway Dept. Altitude 171 ft. Depth to water 14 ft.

	Thickness (feet)	Depth (feet)
Silt, compact, light-brown	2	2
Boulders	4	6
Till, sandy, loose, gray-brown	4	10
Till, predominantly silty, very compact, gray-brown	21	31
Rock, weathered	5	36

Pl 221. 413947N715501.1. Connecticut State Highway Dept. Altitude 153 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to fine, and silt; dark brown	1	1
Gravel and coarse to fine sand, loose, brown	8	9
Silt and fine sand, loose, gray-brown	10	19
Gravel, some coarse to fine sand, loose, gray	5	24
Till, sandy, medium to very compact, gray	11	35
Refusal		at 35

Pl 227. 414303N715343.1. Connecticut State Highway Dept. Altitude 189 ft. Depth to water 4 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to fine, brown	5	5
Boulder	3	8
Sand, mostly coarse to medium, gravelly at top, light brown	17	25
Sand, fine, gray	5	30
Sand, coarse to fine, and gravel; gray	5	35
Sand, coarse, and fine gravel; brown	5	40
Sand, medium to fine, brown	5	45
Sand, mostly medium to coarse, and gravel; brown	10	55
Sand, medium to fine, silty, gray	5	60
Bedrock, hard, gray	17	77

Pl 229. 414302N715342.1. Connecticut State Highway Dept. Altitude 187 ft.

	Thickness (feet)	Depth (feet)
Roots and fine sand, black	4	4
Sand, coarse to fine, fine gravel, and boulders; brown	17	21
Sand, fine, white	5	26
Gravel, fine, and coarse to medium sand; light-brown	5	31
Sand, fine, white	8	39
Gravel, fine, some coarse to fine sand, white	6	45
Sand, coarse to medium, gravel; light-brown	9	54
Sand, coarse to fine, boulders, fine gravel at top; light-green till(?)	12	66
Sand, light-brown	14	80
Bedrock, hard, gray	6	86

Pl 234. 414441N715347.1. Connecticut State Highway Dept. Altitude 252 ft. Depth to water 11 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, some silt, tan	5	5
Sand, fine to medium, some gravel and rock fragments, gray till(?)	9	14
Rock, hard, gray	12	26

Pl 238. 414105N715430.1. Connecticut State Highway Dept. Seven borings in this locality reached bedrock at depths of 8 to 17 ft.

Pl 240. 414150N715745.1. Connecticut State Highway Dept. Altitude 106 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, and silt	9	9
Gravel, sand, silt	11	20
Silt	4	24
Gravel, sand, silt	4	28
Silt	7	35
Clay, yellow, firm	5	40
Sand, fine to medium, silt, thin gravel layers	12	52
Sand, gravel, silt	15	67
Boulder, then rock	7	74

Pl 243. 414405N715304.1. Connecticut State Highway Dept. Altitude 298 ft. Depth to water 17 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, and silt; brown	3	3
Sand, fine, a little fine gravel, gray till	17	20
Sand, fine to coarse, a little gravel and rock fragments, tan to brown till	10	30
Sand, fine, gray; rock fragments at 35 ft.	15	45
Sand, fine to coarse, a little gravel, a few boulders, gray till	31	76

Pl 253. 413831N715647.1. U.S. Geol. Survey. Altitude 163 ft. Depth to water more than 17 ft.

	Thickness (feet)	Depth (feet)
Gravel and coarse sand	7	7
Sand, fine	10	17
Sand, fine to very fine	25	42
Sand, very fine	25	67
Sand, very fine, to silt	20	87
Silt and very fine sand with a little coarser sand and numerous stones, greenish-gray, may be till. Pebble-sized fragments all angular, broken	5	92

Pl 256. 414008N715522.1. U.S. Geol. Survey. Altitude 165 ft. Depth to water 12-15 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to fine, pebbly 0-12 ft	20	20
Sand, medium to fine, moderately well-sorted	10	30
Sand, poorly sorted, stony; might be very sandy till.	4	34

Pl 258. 413939N715544.1. U.S. Geol. Survey. Altitude 154 ft. Depth to water 4.7 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to fine, and fine	8	8
Sand, very fine to coarse, a few pebbles; probably in layers of varied grain size; thin gravel layers at 8 and 30 ft. Samples show fair to poor sorting	35	43
Gravel, with poorly sorted, silty sand	4	47
Refusal on stone		at 47

Pl 259. 413938N715612.1. U.S. Geol. Survey. Altitude 165 ft. Depth to water 10 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, with a few small pebbles	8	8
Till (?), sandy	8	16
Sand, poorly sorted	14	30
Sand, poorly sorted, with variable amounts of gravel; may include some sandy till	18	48
Refusal		at 48

Pl 260. 413945N715635.1. U.S. Geol. Survey. Altitude 160 ft. Depth to water about 10 ft.

	Thickness (feet)	Depth (feet)
Sand, fine	5	5
Sand, medium to fine, pebbly, poorly sorted	7	12
Sand, medium to very coarse, pebbly, somewhat silty	3	15
Till, firm	1½	16½
Refusal		at 16½

Pl 261. 414151N715521.1. U.S. Geol. Survey. Altitude 198 ft.

	Thickness (feet)	Depth (feet)
Sand, pebbly, poorly sorted	17	17
Sand, pebbly, silty, very poorly sorted; and/or till, very sandy. (Cuttings are chiefly silty very fine sand with scattered grains of coarser sand, granules pebbles. Numerous stones or gravelly streaks throughout.)	38	55
Refusal		at 55

Pl 262. 414154N715548.1. U.S. Geol. Survey. Altitude 217 ft. Depth to water more than 8 ft.

	Thickness (feet)	Depth (feet)
Soil, sand	2	2
Till, stony, gray	6	8

Pl 263. 414155N715545.1. U.S. Geol. Survey. Altitude 215 ft. Depth to water more than 13.5 ft.

	Thickness (feet)	Depth (feet)
Soil, sand	3	3
Till, stony, apparently including a layer of poorly sorted gravel	10½	13½

Pl 264. 414225N715534.1. U.S. Geol. Survey. Altitude 195 ft. Depth to water more than 19 ft.

	Thickness (feet)	Depth (feet)
Soil and sand, mostly fine to very fine, a few stones	9	9
Gravel and sand, poorly sorted; or pebbly till	3	12
Till, silty, pebbly 12-18 ft, very stony 18-19 ft; dark-olive-brown	7	19
Refusal on stone		at 19

Pl 265. 414249N715536.1. U.S. Geol. Survey. Altitude 150 ft (about 30 ft below original land surface). Depth to water about 10 ft.

	Thickness (feet)	Depth (feet)
Sand, very coarse to medium, pebbly, with variable but generally small proportion of fine sand to silt	13	13
Till	2	15
Refusal on stone		at 15

Town of Plainfield--Continued

Pl 267. 414307N715629.1. U.S. Geol. Survey. Altitude 132 ft. Depth to water about 5 ft.

	Thickness (feet)	Depth (feet)
Sand, medium, pebbly	12	12
Gravel, granule size and sand, very coarse, poorly sorted	4	16
Sand, very fine, and silt	6	22
Silt; a stone or a gravel layer 40-41 ft possibly some coarse sand	28	50
Gravel, coarse sand, and very fine sand, interbedded; or sandy till	7	57

Pl 269. 414320N715535.1. U.S. Geol. Survey. Altitude 140 ft. Depth to water 5.6 ft.

	Thickness (feet)	Depth (feet)
Soil, subsoil	4	4
Gravel, with dark brown poorly sorted sand	9	13
Little sample, probably similar to above	9	22
Sand, medium to very fine and fine to very fine; with layers of pebbly coarse sand 42-52 ft	48	70
Till	2	72

Pl 270. 414401N715522.1. U.S. Geol. Survey. Altitude 140 ft. Depth to water 13.9 ft.

	Thickness (feet)	Depth (feet)
Soil and subsoil	3	3
Sand, very fine to coarse, pebbly; and pebble gravel	15	18
Gravel, chiefly pebble and granule sizes	6	24
Sand, chiefly very coarse to medium but in part poorly sorted due to large admixture of fine sand to silt; a few thin gravel layers	37	61
Refusal		at 61

Pl 272. 414250N715449.1. U.S. Geol. Survey. Altitude 190 ft.

	Thickness (feet)	Depth (feet)
Soil, and fine sand	3	3
Gravel and sand, poorly sorted	4	7
Sand, probably interbedded coarse and fine sand, mostly fine sand below 20 ft.	19	26
Sand, medium to coarse, pebbly	1	27
Till, sandy, silty	2	29
Refusal		at 29

Pl 273. 414247N715410.1. U.S. Geol. Survey. Altitude 206 ft. Depth to water 11.3 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to very fine, pebbly, nearly white	10	10
Sand, very fine, silty, very light gray 10-17, pale yellow below; a few pebbles at about 40 ft.	47	57
Till (probably); not as hard as that below	8	65
Till, silty, very hard, dark gray; much of the silt content is very fine	3	68
Refusal		at 68

Pl 274. 414243N715403.1. U.S. Geol. Survey. Altitude 206 ft. Depth to water between 7 and 12 ft.

	Thickness (feet)	Depth (feet)
Soil, sand	4	4
Sand, coarse to fine, pebbly	8	12
Gravel, pebble and granule sizes, and very coarse sand; sorting excellent	20	32
Gravel, and very coarse to very fine sand; sorting probably moderate to poor	16	48

Pl 276. 414149N715455.1. U.S. Geol. Survey. Altitude 182 ft. Depth to water 22 ft.

	Thickness (feet)	Depth (feet)
Soil zone, unusually thick, some pebbles.	7	7
Sand, apparently in layers of fine sand and medium to coarse sand, granules and pebbles abundant, some layers slightly silty	25	32
Sand, fine, well sorted, quartz-rich, yellowish-gray	8	40
Sand, coarse to very fine, a few stones, yellowish-gray	7	47
Sand, sorting poor to very poor, darker yellowish-gray	11	58
Gravel or stones; immediately stopped drilling		at 58

Pl 279. 414344N715113.1. U.S. Geol. Survey. Altitude 280 ft. Depth to water 9.2 ft.

	Thickness (feet)	Depth (feet)
Soil	2	2
Sand, predominantly fine, with numerous pebbles and granules	8	10
Sand, very fine, and silt	12	22
Sand, predominantly very fine sand to silt, but with some coarse sand to granules; a few pebble layers	13	35
Sand, predominantly coarse sand to granules but with some fine to very fine sand; a few pebble layers	15	50
Sand; probably poorly sorted very fine to very coarse sand in upper part, and very fine sand to silt in lower part	53	103
Gravel, chiefly pebbles, interbedded with very fine sand and probably medium to coarse sand	6	109
Refusal, stones		at 109

Pl 280. 414353N715126.1. U.S. Geol. Survey. Altitude 300 ft. Depth to water about 19 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to very fine, and silt; micaceous; a few pebbles below 16 ft; dark yellowish-orange 15-20 ft, tan above and below	25	25
Sand, very fine to coarse, some silt, pebbly, micaceous, iron-stained. Pebbles mostly angular. May be sandy till	11	36
Refusal		at 36

Pl 281. 414432N715106.1. U.S. Geol. Survey. Altitude 289 ft. Depth to water 3.25 ft.

	Thickness (feet)	Depth (feet)
Soil, sand	3	3
Gravel, very stony	13	16
Sand	3	19
Gravel	11	30
Refusal on stones		at 30

Pl 282. 414535N715100.1. U.S. Geol. Survey. Altitude 320 ft. Depth to water 7.2 ft.

	Thickness (feet)	Depth (feet)
Gravel, chiefly pebbles, and sand, chiefly fine and very fine, silty near top	12	12
Sand, very fine to very coarse, granules, and a few pebbles	5	17
Sand, very fine to medium, a little silt, a little coarse sand and granules	21	38
Gravel, and very fine to medium sand	14	52
Till, hard, silty, gray	3	55

Pl 286. 414320N715516.1. Alvin Jernstrom. Altitude 180 ft. Log by owner, from memory.

	Thickness (feet)	Depth (feet)
Gravel, stones less than 6-inch diameter	15	15
Sand, coarse, loose	1	16
Sand, fine to very fine	15	31
Gravel, boulders	4	35

Pl 324. 414321N715439.1. Mrs. Frances Broadhead. Altitude 177 ft. Log by Moosup Drilling Co.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, and sand	15	15
Gravel, coarser	7	22
Gravel, pea sizes	9	31
Ledge, black, hard	19	50

Pl 375. 414236N715303.1. Kaman Aircraft Corp. Altitude 220 ft. Log by Capitol Well Drilling.

	Thickness (feet)	Depth (feet)
Compact earth sample at 15 ft is probably sandy till	23	23
Sand, very fine, and silt	3	26
Hardpan till	34	60
Bedrock, solid, mostly blue	100	160
Bedrock, hard and soft layers, mostly blue	40	200
Bedrock, soft, fine cuttings have pale maroon color	55	255

Pl 381. 414514N715235.1. Connecticut State Highway Dept. Altitude 340 ft. Field sample-study log by A. D. Randall.

	Thickness (feet)	Depth (feet)
Till, moderately firm, brown	29	29
Bedrock, chiefly dark gray to black (wet), mafic minerals may be amphiboles	211	240
No samples	45	285
Bedrock, chiefly white quartz or feldspar, very light colored with faint pinkish-brown tinge	10	295

Pl 382. 414518N715437.1. U.S. Geol. Survey. Altitude 197 ft. Depth to water more than 28 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to very coarse, pebbly, well sorted, grayish-orange	11	11
Sand, very fine, and silt; becoming finer with depth; yellowish-gray	24±	35±
Silt, and a little very fine sand	43±	78
Till(?), sandy; or poorly sorted gravel	9	87
Refusal		at 87

Pl 401. 414433N715410.1. American Radiator and Standard Sanitary Corp. Altitude 212 ft. Log by driller.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Gravel	3	4
Clay	6	10
Silt, fine	22	32

Pl 405. 414434N715402.1. American Radiator and Standard Sanitary Corp. Altitude 215 ft. Log by driller.

	Thickness (feet)	Depth (feet)
Topsoil	2	2
Gravel	20	22
Silt, fine	3	25

Pl 408. 414429N715358.1. American Radiator and Standard Sanitary Corp. Altitude 215 ft. Log by driller.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Gravel	14	15
Silt, fine	10	25

Pl 419. 414418N715355.1. American Radiator and Standard Sanitary Corp. Altitude 211 ft. Log by driller.

	Thickness (feet)	Depth (feet)
Gravel	5	5
Sand, fine, and silt	27	32

Pl 421. 414432N715355.1. American Radiator and Standard Sanitary Corp. Altitude 217 ft. Log by driller.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Gravel	4	5
Sand, fine	27	32

Pl 424. 414426N715405.1. American Radiator and Standard Sanitary Corp. Altitude 211 ft. Log by soil-testing firm.

	Thickness (feet)	Depth (feet)
Sand, medium, loose	2	2
Sand, gravel, silt; very compact	5	7
Sand, fine, and silt; traces of clay below 33 ft.	35	42
Sand, gravel, silt; very compact till(?)	3	45
Refusal		at 45

Pl 425. 414422N715405.1. American Radiator and Standard Sanitary Corp. Altitude 210 ft. Log by soil-testing firm.

	Thickness (feet)	Depth (feet)
Peat	1	1
Sand, medium to fine, loose	2	3
Gravel, sand, silt; compact	4	7
Sand, fine; medium compact	21	28
Sand, fine, and silt; compact	17	45
Refusal		at 45

Pl 428. 414416N715357.1. American Radiator and Standard Sanitary Corp. Altitude 209 ft. Log by soil-testing firm.

	Thickness (feet)	Depth (feet)
Loam	1	1
Sand, medium to fine	2	3
Gravel, sand, a little silt; very compact	9	12
Sand, fine, and silt; medium compact	10	22
Gravel, sand, a little silt; very compact till(?)	1	23

Pl 429. 414451N715456.1. Connecticut State Highway Dept. Altitude 127 ft (bed of river).

	Thickness (feet)	Depth (feet)
Gravel, sand, cobbles; loose	5	
Sand, fine to coarse; a little gravel, cobbles, and silt; gray-tan	12	
Sand, medium, a little fine sand, gray-tan	5	22
Sand, fine to coarse, gray-tan	3	25
Sand, medium, a little fine sand, gray-tan	3	28
Sand, fine to medium, cobbles in upper part, a little silt	18	46
Sand, fine, and silt; tan	2	48
Sand, gravel, cobbles, a little silt; gray till(?)	2	50
Rock, very hard	5	55

Pl 431. 414450N715452.1. Connecticut State Highway Dept. Altitude 146 ft.

	Thickness (feet)	Depth (feet)
Cobbles, gravel, sand; one boulder	23	23
Gravel, a little medium sand	15	38
Gravel, a little fine sand, silt, and clay	10	48
Sand, coarse; gravel and cobbles	7	55
Sand, coarse, cobbles and boulders (hardpan)	15	70
Rock, gray	5	75

Town of Pomfret

Po 100. 415058N715518.1. Connecticut State Highway Dept. Altitude about 226 ft.

	Thickness (feet)	Depth (feet)
Riprap and mud	12	12
Sand and gravel, hard	7	19
Gravel, rust colored, very hard	5	24
Sand and gravel, gray, very hard	8	32
Gravel hardpan till(?)	3	35
Rock	2	37

Po 101. 415132N715529.1. Connecticut State Highway Dept. Altitude 78 ft. Depth to water 1 ft.

	Thickness (feet)	Depth (feet)
Sand, coarse to fine, brown; boulder at base	15	15
Gravel, some coarse to fine sand, gray or brown	15	30

Po 102. 415001N720110.1. Connecticut State Highway Dept. Altitude 506 ft.

	Thickness (feet)	Depth (feet)
Gravel and clay	8	8
Clay and some sand, gray	24	
Clay, hard	28	

Town of Pomfret--Continued

Po 103. 415139N720042.1. Connecticut State Highway Dept. Altitude 533 ft.

	Thickness (feet)	Depth (feet)
Sand, gravel and cobbles	3	3
Sand, fine	27	30
Gravel and cobbles till(?)	11	41
Hardpan till	11	52

Po 107. 415053N715550.1. U.S. Geol. Survey. Altitude 218 ft.

	Thickness (feet)	Depth (feet)
Artificial fill	12	12
Gravel, fine, poorly sorted, black, much organic material	5	17
Gravel, fine, poorly sorted, gray	5	22
Sand, very fine to coarse, and very fine to medium; scattered small pebbles; substantial percent biotite in top few ft	30	52
Sand, chiefly very fine to fine, some medium sand to small pebbles	13	65
Gravel or till (?) Sample not recovered	7	72
Sand, fine (?)	7	79
Till(?); or poorly sorted, pebbly, very silty sand	4	83
Refusal		at 83

Town of Preston

Ps 100. 413313N715815.1. Connecticut State Highway Dept. Altitude 97 ft.

	Thickness (feet)	Depth (feet)
Loam and sand	2	2
Hardpan and gravel till	11	13
Ledge	7	20

Ps 103. 413155N715551.1. U.S. Geol. Survey. Altitude 200 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebbles and cobbles	3	3
Sand, medium to fine, tan	4	7
Sand, very fine, gray; silt, gray; some clay	7	14
Till	3	17

Ps 104. 413350N715900.1. U.S. Geol. Survey. Altitude 95 ft.

	Thickness (feet)	Depth (feet)
Artificial fill	8	8
Silt and clay, gray	7	15
Gravel(?)	4	19
Sand, very fine, and silt; chocolate brown	3	22
Sand, very fine to medium, and silt; orange to tan; a little coarser sand and pebble gravel	11	33
Gravel, pebble sizes, and sand; compact	4	37
Sand, medium to coarse, gritty; some fine sand; tan; compact; might be sandy till	10½	47½
Refusal		at 47½

Town of Putnam

Pu 14. 415509N715511.1. U.S. Geol. Survey. Altitude 245 ft. Depth to water about 12 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebbles, sandy, grayish-tan	12	12
Sand, very fine to very coarse, pebbly, tan to brown	18	30
Sand, chiefly very fine to fine, some coarser sand, pebbly, tan	25	55
Sand, very fine, and silt; tan	9	64
Till(?)	1	65
Refusal		at 65

Pu 15. 415449N715001.1. U.S. Geol. Survey. Altitude 372 ft. Depth to water less than 7 ft.

	Thickness (feet)	Depth (feet)
Silt and clay, some very fine to fine sand in lower part, dark brown to black	12	12
Gravel, pebble sizes, with subordinate (20%?) medium to very coarse sand and perhaps 10% very fine sand to silt; dark-brown; appears dirty	10	22
Sand, chiefly very coarse to medium, very pebbly; subordinate (15%?) very fine to fine sand; moderately well sorted; grayish brown	12	34
Refusal		at 34

Pu 16. 415450N714956.1. U.S. Geol. Survey Altitude 375 ft. Depth to water 10 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebbles and a few small cobbles with subordinate (25%?) medium to very coarse sand and perhaps 10% tan very fine sand to silt; lower part moderately clean	17	17
Till(?), dark greenish-gray	2	19
Refusal		at 19

Pu 100. 415507N715441.1. Connecticut State Highway Dept. Altitude about 261 ft. Depth to water 7 ft.

	Thickness (feet)	Depth (feet)
Gravel fill	10	10
Silt, organic matter, some sand and gravel	4	14
Gravel, coarse to fine, brown	6	20
Gravel, and coarse to fine sand, gray	14	34
Sand, coarse to fine, brown	26	60

Pu 110. 415517N715417.1. Connecticut State Highway Dept. Altitude 283 ft. Depth to water 23 ft.

	Thickness (feet)	Depth (feet)
Gravel, boulders, cobbles, and sand	30	30
Gravel and coarse sand	28	58
Sand, coarse	2	60
Sand, coarse, gravel and cobbles--hardpan	13	73
Rock, hard, gray	7	80

Pu 114. 415404N715415.1. Connecticut State Highway Dept. Altitude about 253 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Sand, some silt	3	3
Sand, coarse to fine, and gravel; tan	4	7
Gravel, and coarse to fine sand	4	11
Sand, coarse to fine, and gravel; up to 10% silt; tan	29	40
Gravel, some coarse to fine sand, a little silt; gray	22	62

Pu 115. 415415N715348.1. Connecticut State Highway Dept. Altitude 293 ft. Depth to water more than 60 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Gravel and sand, gray	15	16
Sand, fine, gray	9	25
Sand, fine, layers of fine gravel, gray	8	33
Sand, fine, gray	47	80
Sand, fine, thin layers of fine gravel, gray	10	90

Pu 116. 415356N715358.1. Connecticut State Highway Dept. Altitude 222 ft. Grain sizes follow AASHO classification.

	Thickness (feet)	Depth (feet)
Sand, fine, and silt; brown	9	9
Gravel, a little coarse to fine sand, gray	3	12
Sand, fine to coarse, some gravel, gray-brown	12	24
Sand, fine, brown	4	28
Gravel, and fine to coarse sand, brown	26	54
Sand, fine, and silt	3	57
Sand, fine to coarse, some gravel, a little silt, light brown	14	71
Sand, fine, light brown	9	80
Gravel, some fine to coarse sand, a little silt, a few cobbles and boulders, gray-tan	11	91

Pu 117. 415419N714854.1. U.S. Geol. Survey. Altitude 425 ft. Depth to water about 11 ft.

	Thickness (feet)	Depth (feet)
Artificial fill(?)	6	6
Sand, chiefly medium to fine, dark-brown	4	10
Sand, chiefly coarse to very coarse, with granules and small pebbles, brown and rather dirty at the top but mostly clean, tan	20	30
Sand, medium to coarse, tan, pebbly	10	40
Sand, fine to medium, possibly with thin pebbly layers	17	57
Refusal		at 57

Pu 118. 415357N714943.1. U.S. Geol. Survey. Altitude 387 ft. Depth to water 26.6 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, with fine to medium sand, grayish tan	5	5
Sand, fine to very fine, a little silt, gray	40±	45±
Sand, chiefly medium to very coarse, some granules and small pebbles, some fine sand, relatively clean, tan	25±	70±
Sand, chiefly fine to medium, tan	20±	90
Sand, fine to very fine, some silt, grayish tan	12	102
Till(?)	3	105
Refusal		at 105

Pu 119. 415538N714957.1. U.S. Geol. Survey. Altitude 382 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, tan	15	15
Sand, fine to very fine, and silt; tan	14	29
Refusal		at 29

Pu 120. 415551N714940.1. U.S. Geol. Survey. Altitude 400 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to fine, a few pebbles, grayish tan	20	20
Sand, fine to very fine, and silt; pebbly; gray; may be till	16	36
Till, blue-gray, hard	2	38
Refusal		at 38

Town of Sterling

Sg 88. 414323N715031.1. Austin Bissonette. Altitude 320 ft. Log by owner, based in part on dug well at same site.

	Thickness (feet)	Depth (feet)
Gravel, stones less than 3/4-inch diameter	10	10
Sand, medium to coarse, and pea gravel	10	20
Sand, very fine, bottom part reddish	55	75
Ledge, coral color	35	110

Sg 89. 414321N715000.1. U.S. Geol. Survey. Altitude 316 ft. Depth to water 14.4 ft.

	Thickness (feet)	Depth (feet)
Silt, and very fine sand, light gray	22½	22½
Sand, very fine, to granules, poorly sorted; numerous small stones or pebble layers, tan to grayish orange; may be in part sandy till	22	44½
Till(?), stony, very sandy, light gray. Samples are mostly fine sand to silt, with grains of coarser sand and angular pebbles	10	54½

Sg 90. 414305N715021.1. U.S. Geol. Survey. Altitude 317 ft.

	Thickness (feet)	Depth (feet)
Gravel	8	8
Silt and very fine sand	107	115
Sand, in part fine to very fine with scattered medium sand grains; includes a few stones or gravel layers	21½	136½

Sg 91. 414105N714754.1. U.S. Geol. Survey. Altitude 345 ft. Depth to water 7.3 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to very fine. Could not pump water from this material.	15½	15½
Sand, very fine to very coarse, sorting moderate to poor	10½	26
Sand, very fine to very coarse, pebbly	6	32
Sand, pebbly, poorly sorted, gray; might be very sandy till	2	34
Refusal		at 34

Sg 97. 414138N714820.1. Samuel Mortimer. Altitude 362 ft. Log by The Line Well Co., and the U.S. Geol. Survey.

	Thickness (feet)	Depth (feet)
Sand, fine	70	70
Sand, fine Sample is coarse to fine sand, almost no dark minerals, grayish-orange	15	85
Sand, very coarse to fine, a few granules, almost no dark minerals	10	95
Gravel, chiefly granules and pebbles, with very coarse to very fine sand, somewhat silty	1	96
Boulder	1½	97½
Not reported	½	98
Boulder -- thought is was ledge	7	105
Gravel, chiefly granules and pebbles, some fine to very coarse sand, a little very fine sand to silt	5	110

Town of Thompson

Th 102. 415932N715039.1. Connecticut State Highway Dept. Altitude 509 ft.

	Thickness (feet)	Depth (feet)
Gravel and cinders	1	1
Hardpan, gray	19	20

Th 104. 415800N715229.1. Connecticut State Highway Dept. Altitude 430 ft.

	Thickness (feet)	Depth (feet)
Gravel, some coarse to medium sand, a little fine sand and cinders fill(?)	6	6
Gravel, coarse to medium sand, a little fine sand, brown	12	18
Sand, fine to medium, some gravel, a little silt, tan till(?)	6	24
Silt and fine sand, some gravel and cobbles, tan; hardpan	5	29
Rock, hard, gray	5	34

Town of Thompson--Continued

Th 105. 415921N715521.1. Connecticut State Highway Dept. Altitude about 320 ft.

	Thickness (feet)	Depth (feet)
Gravel fill	9	9
Sand, coarse to fine, a little fine gravel, brown	11	20
Gravel, medium to fine, and coarse to fine sand, brown	9	29
Gravel, coarse to fine, and coarse to medium sand, gray	6	35.

Th 106. 415857N715516.1. Connecticut State Highway Dept. Altitude about 310 ft.

	Thickness (feet)	Depth (feet)
Water	7	7
Sand, coarse to fine, brown	29	36
Gravel, fine, and coarse to medium sand, light brown	6	42

Th 108. 415625N715340.1. Connecticut State Highway Dept. Altitude 318 ft.

	Thickness (feet)	Depth (feet)
Loam, sand, and cobbles	3	3
Sand, gravel, and cobbles; hard	9	12
Ledge	6	18

Th 110. 420118N715718.1. Connecticut State Highway Dept. Altitude about 350 ft.

	Thickness (feet)	Depth (feet)
Water	1	1
Riprap	3	4
Gravel, fine; stones; clay. Not very hard.	6	10
Gravel, fine sand, brown	6	16
Sand, gravel, blue, very hard. till(??)	9	25

Th 112. 415911N714900.1. U.S. Geol. Survey. Altitude about 410 ft. Depth to water about 6 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, pebbly, tan	7	7
Sand, medium to very coarse, with granules, clean; about 20 percent fine and very fine sand below 17 ft.	18	25
Sand, fine to very fine, with subordinate (25%?) medium to coarse sand.	5	30
Sand, same as above but pebbly	7	37
Refusal		at 37

Th 113. 420113N715018.1. U.S. Geol. Survey. Altitude about 498 ft. Depth to water about 7 ft.

	Thickness (feet)	Depth (feet)
Sand, very fine, slightly to very silty, grayish tan	55	55
Till, principally fine sand to silt, firm; very firm and more stony below 70 ft.	20	75

Th 114. 420100N715708.1. U.S. Geol. Survey. Altitude 345 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, dirty, rust brown	9	9
Sand, very fine to very coarse, silty, brown; a few pebbles; poorly sorted	6±	15±
Sand, very fine to medium, a few gravel layers or isolated stones	19±	34±
Till (?)	1±	35
Refusal		at35

Th 115. 415926N715520.1. U.S. Geol. Survey. Altitude 325 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, dirty, brown	18	18
Sand, very coarse to fine, with granules and pebbles, clean	55	73
Refusal		at 73

Th 116. 415642N715412.1. U.S. Army, Corps of Engineers. Altitude 341 ft. Depth to water 9 ft.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Sand, fine, silty	3	4
Sand, gravelly, silty till(?)	2	6
Gravel, sandy, silty (till)	5	11
Schist, biotite, garnetiferous, light gray, weathered and broken 11-16 ft.	25	36

Th 118. 415644N715403.1. U.S. Army, Corps of Engineers. Altitude 289 ft.

	Thickness (feet)	Depth (feet)
Fill	2	2
Gravel, sandy, silty	3	5
Sand, medium to fine, silty, stratified	5	10
Sand, fine, silty	5	15
Sand, medium to fine, silty, stratified	5	20
Gravel, sandy, silty	5	25
Sand, gravelly, silty, with cobbles (till).	7	32
Schist, biotite, granitized, light gray, very hard, weathered zones 34 - 35 ft.	20	52

Th 121. 415646N715355.1. U.S. Army, Corps of Engineers. Altitude 294 ft.

	Thickness (feet)	Depth (feet)
Topsoil	1	1
Gravel, sandy, silty, with cobbles	6	7
Silt, fine, sandy, stratified	18	25
Sand, fine, silty, stratified	35	60
Sand, medium to fine, silty (till).	6	66

Th 122. 415649N715350.1. U.S. Army, Corps of Engineers. Altitude 296 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to fine, silty	2	2
Gravel, sandy, silty at top	8	10
Sand, medium to fine, silty, stratified	5	15
Sand, gravelly, silty	3	18
Sand, medium to fine, silty, stratified	4	22
Sand, fine, silty, stratified	8	30
Sand, gravelly, silty, with cobbles (till).	7	37
Schist, biotite, chlorite, light gray to pink, hard and unweathered	20	57

Th 124. 415650N715345.1. U.S. Army, Corps of Engineers. Altitude 325 ft. Depth to water 12 ft.

	Thickness (feet)	Depth (feet)
Silt, sandy, fine	2	2
Sand, medium to fine, gravelly, silty, stratified	5	7
Gravel, sandy, silty	1	8
Sand, fine, silty, gravelly; layer of silt.	7	15
Sand, silty, gravelly, with cobbles (till).	5	20
Schist, biotite, granitized, light gray to dark gray, mostly unweathered.	20	40

Th 125. 415647N715348.1. U.S. Army, Corps of Engineers. Altitude 297 ft. Depth to water 7 ft.

	Thickness (feet)	Depth (feet)
Gravel, sandy, silty	5	5
Sand, gravelly, silty	5	10
Sand, fine, silty	5	15
Silt, sandy, fine	8	23
Gravel, sandy, silty, with cobbles (till)	8	31
Sand, fine, silty	1	32
Gravel, sandy, silty, with cobbles (till)	6	38
Schist, granitized, light gray, unweathered	22	60

Th 127. 415643N715357.1. U.S. Army, Corps of Engineers. Altitude 295 ft. Depth to water 5 ft.

	Thickness (feet)	Depth (feet)
Topsoil with organics	2	2
Gravel, sandy	9	11
Sand, fine, silty	3	14
Sand, gravelly, silty	6	20
Silt, sandy, fine	26	46
Schist, granitized, light gray, fresh, garnets throughout core	20	66

Th 129. 415640N715402.1. U.S. Army, Corps of Engineers. Altitude 296 ft. Depth to water 4 ft.

	Thickness (feet)	Depth (feet)
Sand, fine, silty; and sandy silt	4	4
Sand, medium to fine	1	5
Gravel, sandy, with cobbles	4	9
Silt, sandy, fine	1	10
Sand, fine, silty	15	25
Silt, sandy, gravelly	18	43
Gravel, sandy, silty (till)	1	44
Schist, granitized, light gray, hard and fresh	29	73

Th 131. 415638N715340.1. U.S. Army, Corps of Engineers. Altitude 329 ft. Depth to water 31 ft.

	Thickness (feet)	Depth (feet)
Topsoil and silty fine sand	5	5
Gravel, sandy, silty, with cobbles	5	10
Gravel, sandy, with cobbles	5	15
Sand, gravelly, silty	5	20
Gravel, sandy, silty	15	35

Th 134. 415751N715441.1. U.S. Geol. Survey. Altitude about 315 ft. Depth to water about 10 ft.

	Thickness (feet)	Depth (feet)
Sand, medium to very coarse, pebbly, slightly dirty 0 - 7 ft., brownish orange	12	12
Sand, very fine to medium, a little coarse sand	11	23
Sand, fine to very coarse (?), pebbly (?)	7	30
Sand, fine to very fine, with some medium to coarse, silty, pebbly, poorly sorted, compact, gray. May be sandy till	2	32
Refusal		at 32

Town of Voluntown

Vo 15. 413503N715121.1. Connecticut State Highway Dept. Altitude 85 ft.

	Thickness (feet)	Depth (feet)
Water	7	7
Mud	2	9
Sand, gravel, and boulders; hard	15	24
Sand, medium, white	5	29
Gravel	5	34

Vo 126. 413620N715200.1. U.S. Geol. Survey. Altitude 285 ft. Depth to water 4.1 ft.

	Thickness (feet)	Depth (feet)
Sand, chiefly medium or medium to coarse, a few pebbles near top and at base, sorting moderate to good, tan to orange	20	20
Sand, fine, moderately rich in biotite	11	31
Gravel	2	33
Refusal		at 33

Vo 127. 413536N715205.1. U.S. Geol. Survey. Altitude about 272 ft. Depth to water 1.8 ft.

	Thickness (feet)	Depth (feet)
Soil	1	1
Gravel, and poorly sorted coarse sand.	7	8
Sand, medium to very coarse; a few granules and pebbles; relatively clean, but contains a little silt.	17	25
Sand, fine and very fine, grading downward into gray very fine sand and silt; possibly a few thin layers of pebbly fine to medium sand in the upper part	25	50
Refusal		at 50

Vo 128. 413539N715211.1. U.S. Geol. Survey. Altitude 275 ft. Depth to water 5.5 ft.

	Thickness (feet)	Depth (feet)
Soil	1	1
Gravel, poorly sorted	6	7
Sand, coarse to fine, moderately sorted.	10	17
Sand, fine to medium, well sorted.	13	30
Sand, coarse to very fine; a little silt; pebbly in top 5 ft.	20	50
Sand, chiefly fine to very fine, and silt	14	64
Gravel, sand, and silt, poorly sorted; may be sandy till	2½	66½

Vo 129. 413542N715219.1. U.S. Geol. Survey. Altitude 277 ft. Depth to water 6.3 ft.

	Thickness (feet)	Depth (feet)
Gravel, poorly sorted, gray.	5	5
Sand, coarse, pebbly	2	7
Sand, fine to medium	5	12
Sand, very fine to fine, and silt; gray. Possibly a few thin layers of medium to coarse sand in upper part	54	66
Gravel or stony till	4	70
Refusal		at 70

Vo 130. 413433N715127.1. U. S. Geol. Survey. Altitude 273 ft. Depth to water 4.7 ft.

	Thickness (feet)	Depth (feet)
Gravel; dark brown, may be road fill	10	10
Sand, mostly fine to very fine	19	29
Sand, very coarse to very fine, a little silt; sorting moderate to poor; with considerable gravel below 38 feet.	45	74
Refusal		at 74

Vo 133. 413423N715117.1. U.S. Geol. Survey. Altitude 275 ft. Depth to water 10.09 ft.

	Thickness (feet)	Depth (feet)
Soil	1½	
Gravel	3½	
Sand, very coarse to very fine, with a little silt; rather poorly sorted; a few stones or thin gravelly layers	19	24
Gravel, with silty medium to very coarse sand	4	28
Till, rich in very fine sand to silt	;	29

Vo 134. 413419N715121.1. U.S. Geol. Survey. Altitude 276 ft. Depth to water 11.39 ft.

	Thickness (feet)	Depth (feet)
Soil and artificial fill	4	4
Sand, mostly medium to very coarse with some very fine sand to silt, moderately sorted; numerous gravel layers except between 15 and 24 feet.	25	29

Vo 135. 413345N715033.1. U.S. Geol. Survey. Altitude 355 ft. Depth to water 68.64 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, interbedded	7	7
Sand, fine to very fine	33±	40±
Sand, very fine, and silt; grayish-olive, may contain a few stones below 58 ft.	30±	70±
Sand, very fine to medium, yellowish-gray; a few angular granules	8±	78
Stony till or gravel	½	78½
Refusal		at 78½

Vo 136. 413354N715106.1. U.S. Geol. Survey. Altitude 283 ft. Depth to water 11.2 ft.

	Thickness (feet)	Depth (feet)
Soil	1	1
Sand, very fine, and silt	14	15
Till, rich in silt and very fine sand, olive-brown	5	20
Sand, coarse	1±	21
Till, silty, micaceous (biotite), dark-greenish-gray	2	23
Refusal		at 23

Vo 137. 413352N715104.1. U.S. Geol. Survey. Altitude 280 ft.

	Thickness (feet)	Depth (feet)
Gravel, probably moderately coarse	12	12
Sand, very fine, and silt; gray	6	18
Refusal		at [illegible]

Vo 138. 413310N715102.1. U. S. Geol. Survey. Altitude 302 ft.

	Thickness (feet)	Depth (feet)
Gravel, chiefly rounded to angular pebbles, and coarse to fine sand; moderately sorted; many pebbles have thin silty coatings	17	17
Sand, coarse to fine, pebbly	13	30
Gravel.	2	32
Till (?), sandy; or poorly sorted, silty and pebbly sand	2	34
Refusal		at 34

Town Of Voluntown--Continued

Vo 139. 413301N715022.1. U.S. Geol. Survey. Altitude 355 ft (5 ft below original land surface). Depth to water about 12 ft.

	Thickness (feet)	Depth (feet)
Gravel, with very coarse to fine sand	10	10
Sand, very coarse to fine, pebbly, clean	15	25
Till, hard and compact, micaceous	4	29
Refusal		at 29

Vo 140. 413224N715113.1. U.S. Geol. Survey. Altitude 250 ft. Depth to water about 38 ft.

	Thickness (feet)	Depth (feet)
Sand, very fine and fine, and some silt	50	50
Sand, probably mostly fine and very fine, but including layers of coarser sand	15	65
Sand, very coarse to very fine, and several thin layers of gravel	31	96
Refusal		at 96

Vo 141. 413518N715013.1. U.S. Geol. Survey. Altitude 269 ft. Depth to water 3.9 ft.

	Thickness (feet)	Depth (feet)
Soil	2	2
Sand, chiefly medium to very fine but with some coarse and very coarse sand; pale-orange, iron-stained	13½	15½
Sand, very coarse, pebbly	1½	17
Sand, chiefly medium to very fine, silty; a little coarse sand to small pebbles	18	35
Sand, very fine, and silt; some fine sand; gray	16	51
Gravel or stony till; no sample	6	57

Vo 142. 413810N714745.1. U.S. Geol. Survey. Altitude 330 ft. Depth to water about 2 ft.

	Thickness (feet)	Depth (feet)
Sand, very coarse to very fine, poorly sorted; pebbly 0-10 ft.	14	14
Boulder or boulders (?). Sample is poorly sorted fine to coarse sand with about 30% dark grains	2½	16½
Till, very firm, dark-greenish-gray, large amount of dark grains	1	17½
Refusal		at 17½

Vo 143. 413800N714745.1. U.S. Geol. Survey. Altitude 338 ft. Depth to water about 9 ft.

	Thickness (feet)	Depth (feet)
Sand, very coarse to fine, with pebbles and granules	9	9
Sand, very coarse to medium, well sorted	11	20
Sand, fine to very fine, grading to silt and very fine sand; may contain scattered thin layers of coarser sand in upper part	30?	50?
Refusal; lost bit		at 50?

Vo 148. 413145N715058.1. U.S. Geol. Survey. Altitude 230 ft. Depth to water 6 ft.

	Thickness (feet)	Depth (feet)
Silt, with thin layers of medium to coarse sand and pebbles	5	5
Silt, fine-grained, perhaps some clay, pale-olive-gray. Thin layers of very pale-grayish-orange clay in lower part	31	36
Sand, fine and very fine, and silt; some coarser sand and gravel; numerous biotite flakes; dusky-yellow	3½	39½
Refusal		at 39½

Town of Woodstock

Wk 100. 415615N715735.1. Connecticut State Highway Dept. Altitude 382 ft.

	Thickness (feet)	Depth (feet)
Sand, fine to coarse, and silt	1	1
Gravel, sand, silt, cobbles	2	3
Sand, fine; clay, gravel, stones till	11	14
Rock	5	19

Wk 101. 415603N715637.1. Connecticut State Highway Dept. Altitude 287 ft.

	Thickness (feet)	Depth (feet)
Topsoil, silty, black	3	3
Sand, fine to coarse, silt, a little gravel	4	7
Sand, fine, and silt; a little medium sand; a few thin gravel layers; gray	34	41
Clay, gray	5	46
Sand, fine and silt; brown to gray	16	62
Gravel, sand, and silt	1	63

Wk 103. 415600N715619.1. Connecticut State Highway Dept. Altitude 284 ft.

	Thickness (feet)	Depth (feet)
Silt and peat	3½	3½
Sand, medium to coarse and silt	2½	6
Silt, fine and sand	4	10
Gravel, medium, sand and silt	11	21
Sand, fine and silt; a little medium-coarse sand	7	28
Sand, fine; silt and gravel-stones till(?)	2	30
Gravel, sand and silt till(?)	4	34
Gravel, sand, silt and cobbles till(?)	2	36
Gravel and cobbles; boulders at 40 to 41 ft till(?)	5	41
Gravel; rock or boulder from 44 to 46 ft	5	46

Wk 105. 415634N715704.1. U.S. Geol. Survey. Altitude 300 ft. Depth to water less than 17 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes	7	7
Silt, some very fine sand, a little clay, gray	10	17
Gravel, pebble sizes, in poorly sorted matrix	15	32
Sand, very fine to very coarse, silty, pebbly. May include some till in lower part	24	56
Refusal		at 56

Wk 106. 415803N715740.1. U.S. Geol. Survey. Altitude 309 ft. Depth to water about 12 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, with fine sand	12	12
Sand, medium to very fine, silty in lower part	10	22
Sand, chiefly very fine but ranging to very coarse, silty, pebbly, very poorly sorted. May include some till	10	32
Gravel, pebble sizes, with clean fine sand	2	34
Refusal		at 34

Wk 107. 415832N715820.1. U.S. Geol. Survey. Altitude 310 ft (?). Depth to water about 17 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, with fine sand	12	12
Sand, fine to very fine, some medium to very coarse; very pebbly; poorly sorted; brown to orange brown	23±	35±
Sand, very fine, silty in lower part, grayish-tan at top to medium-gray at bottom. Possibly some pebbles in upper part	32±	67
Sand, very fine, and silt, with some pebbles and perhaps large stones	6	73
Refusal		at 73

Wk 108. 415906N715720.1. U.S. Geol. Survey. Altitude 360 ft. Depth to water less than 12 ft.

	Thickness (feet)	Depth (feet)
Gravel, pebble sizes, in matrix of fine sand	12	12
Sand, very fine, and silt, with some medium to very coarse sand and small pebbles	8±	20±
Till, firm, compact, silty	8±	28
Refusal		at 28

Table 3.--Records of springs

Spring no., location: See text for explanation of spring-numbering and location systems.
Altitude: Estimated from topographic map, contour interval 10 feet.
Remarks: C, chemical analysis in table 5. The year 1957 was unusually dry; the dependability of several springs are reported for this year.

Spring no.	Location	Owner	Altitude (feet)	Topographic situation	Water-yielding material, nature of source	Improvements	Flow	Temperature (°F)	Date of discharge, temperature observation	Use	Remarks
						Town of Brooklyn					
Bk 2sp	414537N715708.1	L.W. Beecher	150	Axis of narrow valley cut in terrace.	Sand.	5 x 13 ft reservoir, 3 ft deep (1.5 ft concrete atop laid stone), wood cover. Water pumped to house.	No overflow, but ground was soggy just downslope.		9-27-61	Dom Agr	Adequate 1949 through 1963.
						Town of Canterbury					
Cy 5sp	413822N715824.1	A. Chycko	107	Head of small flat-bottomed valley, at base of steep slope.	Sand, a few pebbles.	Barrel sunk into sand, overflow pipe.	Est 1 gpm or less.		8-21-62	Un	Flowed throughout 1957; never known to fail.
						Town of Griswold					
Gs 1sp	413223N715220.1	Alice Rose	360	Base of slope.	Till (reportedly a mixture of gravel and clay, very hard). Water enters through 4 or 5 holes at bottom of reservoir.	Stone-lined reservoir 30-inch diameter, 7 ft deep. Water pumped to house.	Est 1 gpm.		4- 9-59	Dom	Dug August 1957, has flowed continuously through April 1959. Another spring 15 ft away, flowing 2 gpm (est) 4-9-59, dry in summer of 1957.
						Town of Killingly					
Ki 1sp	414654N715346.1		175	Base of slope.	Sand and gravel; may be near contact of sand and gravel on till.	Iron pipe, 2-inch diameter, projecting from old trolley roadbed.	4.1 gpm.	48	11-16-62	Un	Visited occasionally by Conn. State Highway Dept. employees and the general public. A similar spring 200 ft south, flowing 1.1 gpm 11-16-62.
Ki 2sp	414551N715359.1	E. Steinman	185	Base of slope, near brook.	Gravel.	Tiles to depth of 5 ft, overflow pipe. Water pumped to house.	0.9 gpm.		12- 1-62	Dom	Has been adequate for house 1947-1962, but does not overflow in very dry weather. Other small seeps nearby along base of bank.
Ki 3sp	415054N715413.1	Wm. Meagher	280	Hillside.	Water observed to issue from seams in rock, perhaps bedrock (now obscured by tiles).	30-inch diam tiles to depth of 4 ft, overflow pipe, and pipe to house installed 1963.	4.8 gpm.	47	6-24-63	Dom	Flowed continuously during 1962, a relatively dry year.
						Town of Plainfield					
Pl 1sp	414032N715546.1	Gallup Water Service	150	Edge of swamp occupying narrow swale between gravel ridge and terrace.	Sand and gravel; water seeps through bottom of reservoir.	Reservoir 58 x 12 ft, 11.7 ft deep, concrete walls and cover, overflow pipe to swamp, 3 ft below local surface. Adjacent pumphouse with 30 hp 450 gpm pump, chlorinator, water meter.	No overflow when visited; pump operating frequently.	53	3- 5-62 10-24-62	PS	C. Supplied Plainfield village 1912-1962, maximum withdrawal 375,000 gpd; maintained as auxiliary supply since July 1962.
Pl 4sp	414225N715557.1	C. Phillips	195	Near middle of swampy depression.	Sand and gravel.	Small basin dug out, ditch carries flow to nearby pond.	Flowing.	48	8-27-62	Com ?	C. Supplied sawmill 8-11-50.
Pl 12sp	414231N715248.1		225	Lower part of steep slope.	Near contact of fine sand on till.	Iron pipe, 2-inch diam, projecting from concrete form buried in bank.	Est 2 gpm.		4- 9-62	Un	Occasionally visited by the general public.
						Town of Voluntown					
Vo 1sp	413721N715042.1	C. Tanner	460	Boulder-strewn flat, near stream.	Water flows in and out of spring basin through openings between boulders; may be underflow, moving through coarse alluvial or glacial gravel along axis of valley.	Small basin dug out, partly covered by rock slab. Water carried to house in buckets.	Flowing.	45	3-20-59	Dom	Has been used for more than 100 yrs. A stream flowing 3 gpm (est) 3-20-59 heads 25 ft away among boulders and cobbles.
Vo 3sp	413333N714840.1	J. Ting	490	5-ft bank, on gentle slope.	Till at land surface, bottom of reservoir is sandy; water seeps in from north, west, and south.	Stone-lined reservoir 30-inch diam, 4 ft deep; square concrete curbing at top. Water pumped to buildings.	Est 1 gpm.	45	4- 9-59	Dom Agr	Adequate for house, 3500 hens 1941-1963; during a dry summer, overflows only at night.
Vo 4sp	413356N715106.1	E. Johnson	272	Base of gentle slope, swampy; bottom of former pond.	Water bubbles up through sand.	Concrete tile 5 ft diam to depth of 2.5 ft; water overflows lip of tile 1 ft above surface. Water pumped to buildings.	Est 4 gpm.	48.5	4- 9-59	Dom Agr	Overflow very small in dry seasons. Shown on Rhode Island Water Resources Coordinating Board GWM 13 as Vo 140.
Vo 5sp	413202N715026.1	C. Geer	360	Minor valley on hillside.	Water bubbles up through sand; surrounding area mapped as till.	Stone-lined reservoir 4 ft diam, 3.5 ft deep. Water pumped to buildings.	Est 10 gpm.	46.5	4-14-59	Dom	Adequate for house and 14000-25000 broilers, used since 1938 or earlier. Overflowed throughout summer of 1957. Several other springs at same altitude 0-400 ft to southeast; one used.
Vo 6sp	413156N715037.1		275	Hillside.	Surrounding area mapped as till, bedrock at shallow depth.	Shallow basin 3 x 2 ft; hose extends downslope to barrel near house.	Est 5 gpm		8-11-59	Dom	

Table 3.--Records of springs--Continued

Spring no.	Location	Owner	Altitude (feet)	Topographic situation	Water-yielding material, nature of source	Improvements	Flow	Temperature (°F)	Date of discharge, temperature observation	Use	Remarks
						Town of Voluntown--Continued					
Vo 7sp	413112N715040.1	O.M. Koistanen	310	Center of small valley on hillside; swampy.	Sand and gravel, overlain by fine silty sand and 2 ft of black muck.	Concrete reservoir 3 ft square, wood cover.	No overflow, but water level in reservoir was above land surface.		8- 4-59	Un	Seepage from swampy area fills small pond downslope.
Vo 8sp	413651N714754.1		430	Base of low hill.	Water enters from opening between rocks on north (upslope) side.	Small basin 1 ft deep.	-- Est less than 1 gpm.	44	5-23-63 9-27-63	Un	C.
						Town of Woodstock					
Wk 1sp	415955N715717.1		490	Base of hill.	Surrounding area mapped as till.	Spring basin built up by rocks. Water pumped to buildings.	--	54	6-28-63	Dom Agr	C. Source of Peckham Brook except in summer, when it does not overflow.

Table 4. -- Pumping tests of wells

Records of all wells tested appear in Table 1. All of the dug wells tested were abandoned wells lined with fieldstone below the water table. Most had formerly been used for domestic or farm purposes. Most of the drilled wells tested were recently completed wells tapping bedrock, cased to just below the bedrock surface, intended for domestic supply but not yet equipped with a pump or not in regular use. Wells which were in regular use as of the date tested are so noted.

In most tests, the water pumped was spilled on the land surface 16 to 30 feet from the pumped well, and there infiltrated into the ground. Tests in which the water flowed or was carried a greater distance before infiltrating are so noted.
Measurements of depth to water were made with steel tape at exact times or taken from recorder charts calibrated by frequent time checks and water-level measurements. Time is listed according to a 24-hour clock.

Town of Brooklyn

Bk 49. Drilled well penetrating bedrock. Water-level measurements reported in the following table were made in the pumped well; measuring point 2.3 ft. above land surface. Measurements from time to time in a dug well 10 ft. away showed no change in water level during test. Volume of water pumped: approximately 477 gallons. Pumping rate also measured at approximately 1.5-minute intervals by filling 10-gallon can; representative measurements included in the following table.

Date, time	Pumping rate (gpm)	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown (feet)
April 9, 1963				
1221 start a/	-	a/	8.35	0
1223	8.7	1.5±	10.52	2.17
1224:30	8.6	3	11.39	3.04
1226	8.2	4.5	11.78	3.43
1227	-	5.5	11.95	3.60
1228	8.4	6.5	12.08	3.73
1232	8.4	10.5	12.40	4.05
1236	8.2	14.5	12.57	4.22
1239	8.2	17.5	12.66	4.31
1245	8.1	23.5	12.75	4.40
1250	8.0	28.5	12.78	4.43
1253	8.0	31.5	12.76	4.41
1255	8.0	33.5	12.76	4.41
1259	8.0	37.5	12.77	4.42
1301	8.0	39.5	12.78	4.43
1305	8.0	43.5	12.79	4.44
1310	8.0	48.5	12.80	4.45
1315	8.0	53.5	12.81	4.46
1321 shutdown	-	59.5	12.82	4.47

a/ Pump ran slowly, roughly for first 30 seconds or more; effective starting time about 1221:30

Date, time	Time since pumping stopped (minutes)	Depth to water below measuring point (feet)	Recovery above extrapolated drawdown (feet)
April 9, 1963			
1321 shutdown	0	12.82	0
1321:30	0.5	11.61	1.21
1322	1.0	10.80	2.02
1322:30	1.5	10.40	2.42
1323	2.0	10.14	2.68
1323:30	2.5	9.93	2.89
1324	3.0	9.78	3.04
1324:30	3.5	9.63	3.19
1325	4.0	9.54	3.28
1326	5	9.36	3.47
1327	6	9.22	3.61
1328	7	9.13	3.70
1329	8	9.04	3.79
1330	9	8.97	3.86
1335	14	8.73	4.11
1340	19	8.62	4.22
1345	24	8.55	4.30
1351	30	8.50	4.35
1400	39	8.46	4.40
1415	54	8.42	4.45
1535	134	8.39	4.51
1648	207	8.38	4.53

Bk 54. Dug well penetrating till. Water-level measurements in pumped well; measuring point 0.6 ft. above land surface. Volume of water pumped: 77.5 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
June 10, 1963			
1013 start	0	10.64	0
1020± shutdown	7±	10.97	0.33
1035	22	10.94	.30
1045	28	10.92	.28
1100	43	10.90	.26
1130	73	10.88	.24
1223	126	10.84	.20
1315	180	10.81	.17
1415	240	10.79	.14
1500	288	10.77	.12
1630	378	10.75	.10
1715	420	10.74	.085
1815	480	10.73	.075
2015	600	10.72	.06
June 11, 1963			
015	840	10.71	.04
415	1080	10.70	.025
815	1320	10.70	.02
1215	1560	10.70	.01

Town of Canterbury

Cy 115. Drilled well tapping bedrock. Water-level measurements in pumped well; measuring point was about 2 feet above land surface at time of test. Estimated total volume of water pumped: 10.7 gallons. Most of the water flowed downslope more than 30 ft. from the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	a/ Drawdown (feet)
August 13, 1962			
1049± start	0	17.57	0
1053	4	24.30	6.73
1054	5	24.47	6.90
1056	7	24.83	7.26
1057:30 shutdown	8.5	-	-
1101	12	23.28	5.71
1102	13	23.00	5.43
1104	15	22.39	4.82
1105	16	22.09	4.52
1107	18	21.57	4.00
1108	19	21.34	3.77
1109	20	21.11	3.54
1111	22	20.72	3.15
1115	26	20.08	2.51
1117	28	19.80	2.23
1120	31	19.46	1.89
1122	33	19.25	1.68
1123	34	19.15	1.58
1135	46	18.47	0.90
1143	54	18.24	.67
1208	79	17.96	.39
1227	98	17.87	.30
1254	125	17.81	.24
1305	136	17.80	.23
1335	166	17.77	.20
1455	246	17.70	.13
1709	380	17.65	.08

a/ Pre ious record inadequate to extrapolate natural trend, which was slightly sinuous but apparently nearly horizontal.

Town of Killingly

Kl 55. (First test). Dug well tapping stratified drift. Water-level measurements are for pumped well; measuring point is 0.9 ft. above land surface. Volume of water pumped: 170 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	a/ Drawdown (feet)
June 14, 1963			
1017:15 start	0	8.25	0
	0.5	8.51	0.26
	1.0	8.70	.45
	1.5	8.88	.63
	2.0	9.05	.80
	2.5	9.20	.95
	3.5	9.46	1.21
1021:15 shutdown	4.0	9.58	1.33
	4.5	9.45	1.20
	5	9.34	1.09
	6	9.17	0.92
	7	9.03	.78
	8	8.92	.67
	9	8.83	.58
	10	8.76	.51
	12	8.66	.41
	14	8.58	.33
	16	8.53	.28
	18	8.48	.23
	20	8.45	.20
1040	22.75	8.41	.16
1045	27.75	8.37	.12
1050	32.75	8.34	.09
1055	37.75	8.32	.07
1100	42.75	8.31	.06
1110	52.75	8.29	.04

a/ Previous natural trend nearly horizontal, no correction needed.

Town of Killingly--Continued

Kl 55. (Second test). Water-level measurements are for pumped well; measuring point is 0.9 ft. above land surface. Average pumping rate 20 gpm; representative individual discharge measurements given in the following table.

Date, time	Measured discharge (gpm)	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below recovery from first test a/
June 14, 1963				
1115 start	24	0	8.28	0
1115:30	-	0.5	8.43	0.15
1116	-	1.0	8.53	.25
1116:30	24	1.5	8.63	.35
1117	-	2	8.72	.44
1118	18	3	8.82	.54
1119	21	4	8.94	.66
1120	20	5	9.05	.77
1121	20	6	9.13	.85
1122	21	7	9.19	.91
1123	-	8	9.26	.98
1124	21	9	9.32	1.04
1125	21	10	9.38	1.10
1127	21	12	9.47	1.20
1129	20	14	9.52	1.25
1131	20	16	9.57	1.30
1133	20	18	9.60	1.33
1135	20.5	20	9.65	1.38
1140	20	25	9.74	1.48
1144:30	19.3 b/	29.5	9.78	1.52
1146	18.7	31	9.77	1.51
1150	18.7	35	9.76	1.50
1155	23	40	9.84	1.58
1200	21	45	9.97	1.71
1205	20	50	10.03	1.78
1210	20	55	10.06	1.81
1215	21	60	10.08	1.83
1220	20	65	10.11	1.86
1225	20	70	10.13	1.88
1230	20	75	10.14	1.89
1235	20	80	10.15	1.90
1240	20	85	10.15	1.90
1245 shutdown	-	90	10.16	1.91

Date, time	Time since pumping stopped (minutes)	Depth to water below measuring point (feet)	Corrected recovery above extrapolated drawdown (feet) a/
June 14, 1963			
1245 shutdown	0	10.16	0
1245:30	0.5	10.04	0.12
1246	1.0	9.94	.22
1246:30	1.5	9.84	.32
1247	2	9.75	.41
1248	3	9.61	.55
1249	4	9.48	.68
1250	5	9.39	.77
1251	6	9.30	.86
1252	7	9.22	.94
1253	8	9.15	1.01
1255	10	9.03	1.13
1257	12	8.94	1.22
1300	15	8.82	1.35
1302	17	8.75	1.42
1305	20	8.66	1.51
1310	25	8.56	1.61
1315	30	8.50	1.67
1320	35	8.44	1.74
1325	40	8.40	1.78
1330	45	8.37	1.81
1335	50	8.35	1.83
1340	55	8.33	1.85
1350	65	8.30	1.89
1400	75	8.29	1.90
1405	80	8.28	1.91
1415	90	8.27	1.92
1430	105	8.26	1.94

a/ Further adjustments could be applied to allow for dewatering of the aquifer and/or partial penetration. Well Kl 55 penetrated 4.1 feet below the water table at the time of the test. The total saturated thickness of stratified drift at this site is estimated to be about 60 feet.

b/ Pumping rate fluctuated between 29 and 49 minutes, but average rate during this interval was very nearly 20 gpm.

Kl 193. Drilled well penetrating bedrock. Water level measurements in Kl 202, a similar well 151 feet east; measuring point is 1.2 feet below land surface. Pumping rate approximately 8.4 gpm for first 15 minutes, 8 gpm from 30 minutes until end of test. The water seeped into the ground about 100 feet south of the pumped well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
May 1, 1962			
1120 start	0	4.615	0
1121	1	4.62	0.005
1122	2	4.625	.01
1124	4	4.63	.015
1127	7	4.635	.02
1130	10	4.64	.025
1135	15	4.655	.04
1140	20	4.66	.045
1145	25	4.67	.055
1150	30	4.67	.055
1200	40	4.685	.07
1210	50	4.70	.085
1227	67	4.72	.105
1243	83	4.735	.12
1248	88	4.74	.125
1301	101	4.74	.12
1310	110	4.75	.13
1319	119	4.755	.135
1323	123	4.76	.14
1326 shutdown	126	-	-
1327	127	4.75	.125
1328-9	128-9	4.74	.115
1331-2	131-2	4.74	.115
1334	134	4.74	.115
1336	136	4.735	.11
1340	140	4.73	.105
1350	150	4.725	.10
1401	161	4.71+	.09
1412	172	4.71	.09
1420	180	4.70	.08
1427	187	4.695	.075
1459	219	4.69	.06

Kl 199. Drilled well penetrating bedrock. Water-level measurements in Kl 200, a similar well located 133 ft. west (see sketch); measuring point is 0.7 ft. above land surface. Estimated average pumping rate: 7.3 gpm. Pumping rate measured at irregular intervals by filling 5 gallon can; individual measurements listed in the following table. The water seeped into the ground about 100 ft. south of the pumped well. Kl 201 was idle during this test.

Date, time	Pumping rate (gpm)	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend(feet)
May 22, 1962				
1305 start	-	0	21.72	0
1305:30	-	0.5	21.78	0.06
1306	7.9	1.0	21.89	.17
1306:30	-	1.5	22.05	.33
1307	-	2.0	22.20	.48
1307:30	-	2.5	22.34	.62
1308	7.7	3.0	22.49	.77
1308:30	-	3.5	22.63	.92
1309	-	4.0	22.76	1.05
1310	7.5	5	23.00	1.29
1311	-	6	23.20	1.49
1312	7.5	7	23.39	1.68
1313	-	8	23.55	1.84
1314	-	9	23.71	2.00
1315	7.5	10	23.85	2.15
1316	-	11	23.97	2.27
1318	7.5	13	24.20	2.50
1320	-	15	24.38	2.68
1321	7.4	-	-	-
1322	-	17	24.55	2.86
1324	7.5	19	24.72	3.03
1328	-	23	25.00	3.32
1330	7.3	25	25.14	3.46
1332	-	27	25.27	3.59
1334	-	29	25.39	3.72
1336	7.3	-	-	-
1338	-	33	25.29	3.92
1340	-	35	25.70	4.04
1345	7.5	40	25.93	4.28
1349	-	44	26.10	4.45
1353	-	48	26.27	4.63
1357	7.3	52	26.40	4.77
1400	-	55	26.51	4.89
1409	7.3	64	-	-
1410	-	65	26.84	5.24
1416	-	71	27.00	5.41
1418	7.1	73	27.08	5.49
1430	7.2	85	27.38	5.81
1446	-	101	27.70	6.16
1448	7.2	103	-	-
1500	6.8	115	-	-
1502	-	117	28.04	6.52
1504	7.1	119	28.09	6.58
1505:45 shutdown	-	120.75	28.12	6.61

(Continued)

Town of Killingly--Continued

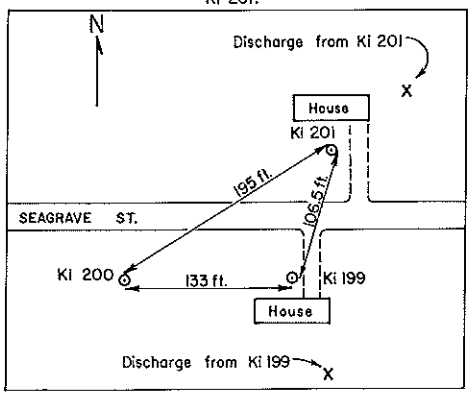
KI 199--Continued.

Date, time	Time since pumping stopped (minutes)	Depth to water below measuring point (feet)	Recovery from extrapolated drawdown (feet)
May 22, 1962			
1505:45 shutdown	0	28.12	0
1506:30	0.75	28.09	0.04
1507	1.25	28.01	.12
1507:30	1.75	27.89	.25
1508	2.25	27.75	.39
1508:30	2.75	27.60	.55
1509	3.25	27.46	.69
1510	4.25	27.19	.97
1511	5.25	26.97	1.20
1512	6.25	26.77	1.42
1514	8.25	26.44	1.77
1515	9.25	26.32	1.90
1516	10.25	26.20	2.03
1518	12.25	25.99	2.26
1520	14.25	25.82	2.45
1522	16.25	25.66	2.63
1524	18.25	25.51	2.80
1526	20.25	25.39	2.94
1530	24.25	25.17	3.19
1537	31.25	24.83	3.57
1545	39.25	24.53	3.96
1555	49.25	24.26	4.29
1601	55.25	24.10	4.48
1610	64.25	23.90	4.74
1618	72.25	23.75	4.94
1622	76.25	23.68	5.03
1634	88.25	23.48	5.27
1645	99.25	23.33	5.48
1700	114.25	23.14	5.69
1824	198.25	22.51	6.42
1859	233.25	22.38	6.55

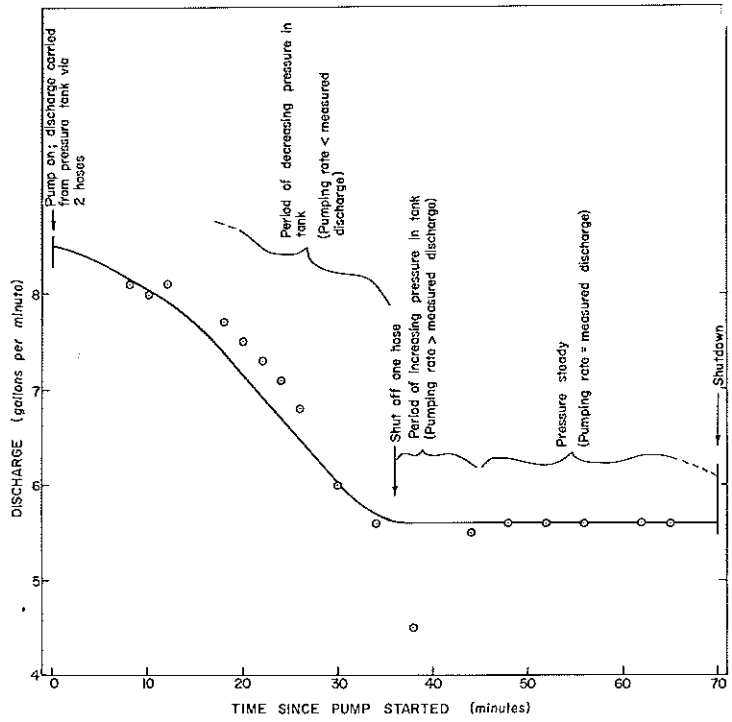
KI 201. Drilled well penetrating bedrock; in use (domestic) on date tested. Water-level measurements in KI 200, a similar well located 195 ft. southwest (see sketch with test of KI 199). Measuring point of KI 200 is 0.7 ft. above land surface. Estimated average pumping rate: 6.4 gpm. Pumping rate varied during test; see diagram for details. Water seeped into ground northeast of pumped well. KI 199 was idle during this test.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
May 23, 1962			
1325 start	0	21.64	0
1332:30	7.5	21.66	0.02
1336	11	21.70	.06
1340	15	21.76	.13
1342	17	21.81	.18
1345	20	21.87	.24
1347:30	22.5	21.92	.29
1353	28	22.05	.43
1356	31	22.12	.50
1400	35	22.22	.61
1407	42	22.38	.77
1410	45	22.44	.84
1418	53	22.61	1.01
1428	63	22.79	1.20
1430	65	22.82	1.23
1435 shutdown	70	22.90	1.32
1445	80	23.02	1.45
1450	85	23.05	1.48
1500	95	23.00	1.44

Sketch showing relative location of wells Ki 199, Ki 200, and Ki 201.



MEASURED DISCHARGE FROM HOSES AND ESTIMATED PUMPING RATE, PUMPING TEST KI 201



Town of Killingly--Continued

Ki 218. Drilled well penetrating bedrock. Water-level measurements in pumped well; measuring point is 0.6 ft. above land surface. Pumping rate approximately 6.2 gpm shortly after start, 2.4 gpm at shutdown, average 4.4 gpm. Volume of water pumped 41.4 gallons. Most of the water probably flowed downslope more than 30 ft. from the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
September 19, 1962			
1517:50± start	0	10.60	0
1520	2.2	18.60±	8.00
1523	5.2	26.20±	15.60
1525	7.2	28.60±	18.00
1527	9.2	30.20±	19.60
1527+ shutdown	9.4±	30.31	19.71
1530	a/ 12	28.23	17.62
1533	15	26.63	16.02
1536	18	25.13	14.52
1538	20	24.14	13.53
1542	24	22.32	11.71
1546	28	20.72	10.11
1549	31	19.77	9.16
1553	35	18.60	7.99
1557	39	17.63	7.02
1603	45	16.45	5.83
1610	52	15.36	4.74
1614	56	14.86	4.24
1619	61	14.33	3.71
1625	67	13.85	3.23
1635	77	13.29	2.66
1641	83	13.05	2.42
1650	92	12.76	2.13
1705	107	12.38	1.74
1715	117	12.22	1.58
1735	137	11.98	1.33
1755	157	11.85	1.20
1805	167	11.79	1.13
1815	177	11.73	1.07
September 20, 1962			
0023	905	11.40	0.80

a/ This and subsequent times given to the nearest minute.

Town of North Stonington

NSn 25. Dug well penetrating till. Water-level measurements in pumped well; measuring point at land surface. Average pumping rate 44 gpm; volume of water pumped approximately 213 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
October 1, 1962			
1419 start	0	21.54	0
1423:50 shutdown	4.8	24.88	3.34
1605	101	24.80	3.26
1715	175	24.78	3.24
October 2, 1962			
700	1002	24.47	2.85
1420	1440	24.32	2.70
October 3, 1962			
1420	2880	23.97	2.27
October 4, 1962			
1420	4320	23.72	1.94
October 5, 1962			
1420	5760	23.50	1.64

Town of Plainfield

Pl 5. Dug well penetrating stratified drift. Water-level measurements in pumped well; measuring point is 1 foot above land surface. Volume of water pumped approximately 135 gallons. Well has fieldstone casing to a depth of 24.3 ft. below measuring point, then a clay tile from 24.3 to 26.3 ft. Because water cannot move laterally through the tile, and the water level was not drawn down below the top of the tile, the well can be treated as if the tile did not exist and the bottom was at 24.3 ft.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown (feet)
April 20, 1964			
1126:15 start	0	23.02	0
1130	3.75	23.77	0.75
1131:15± shutdown	5.0	23.967	.94
1133	6.75	23.70	.68
1135	8.75	23.54	.56
1138:15	12.0	23.36	.34
1140	13.75	23.29	.27
1145	18.75	23.19	.17
1150	23.75	23.13	.11
1155	28.75	23.10	.08
1200	33.75	23.08	.06
1205	38.75	23.07	.05
1210	43.75	23.06	.04

Pl 185. Drilled well penetrating stratified drift. Test conducted by R. E. Chapman Co.; all data from a report by R. E. Chapman Co. in the files of Gallup Water Service; water-level measurements converted from inches to decimal feet. Pumping rate constant at 1,500 gpm during the period of time for which water-level measurements are reported in the following table. Water carried 500 feet from pumped well in discharge line.

		Pl 185 (Pumped)	Pl 185a (Obs #1)	Pl 186 (Obs #3)	Pl 187 (Obs #4)
Distance from pumped well (ft)		0	2.5	95	390
Static water level (ft below land surface)		12.0	11.83	11.25	14.33
Date, time	Time since pumping started (minutes)	Drawdown below static water level (ft)			
Dec. 11, 1961					
1100 start	0	0	0	0	0
1200	60	5.5	3.08	1.08	0
1300	120	6.0	3.67	1.54	0.17
1400	180	6.6	4.04	1.87	.29
1500	240	6.79	4.35	2.17	.37
1600	300	7.12	4.64	2.39	.46
1700	360	7.29	4.94	2.64	.54
1800	420	7.54	5.17	2.83	.56
1900	480	7.70	5.35	2.98	.63
2000	540	7.87	5.62	3.19	.73
2100	600	8.17	5.77	3.35	.81
2200	660	8.33	5.94	3.50	.89
2300	720	8.46	6.10	3.62	.96
2400	780	8.60	6.21	3.73	1.00
Dec. 12, 1961					
025	805 a/	-	-	-	-
100	840	8.33	6.00	3.42	0.96
200	900	8.58	6.17	3.79	1.00
300	960	8.92	6.48	3.92	1.02
400	1020	9.17	6.62	4.04	1.10
500	1080	9.33	6.83	4.21	1.21
600	1140	9.46	7.00	4.33	1.25
620	1200 b/	-	-	-	-

a/ Shut down 5 minutes to oil.

b/ Pumping rate decreased to 1000 gpm; pumping continued for 55 minutes at this rate; shutdown at 715 hours December 12. Because of this change in rate near the end of the pumping period, recovery data is not reported here.

Pl 185a. Jetted well penetrating stratified drift. Test conducted by R. E. Chapman Co; all data copied from a report by R. E. Chapman Co. in the files of Gallup Water Service; water-level measurements converted from inches to decimal feet. Pl 185a pumped alone for 270 minutes; increased rate thereafter represents pumping of Pl 185a and a similar test well 2.5 feet away. Water carried 420 feet from pumped wells, to a point about 50 feet west of Pl 187.

			Pl 186 (Obs #3)	Pl 187 (Obs #4)
Distance from pumped wells (ft)			95	390
Static water level (ft below land surface)			10.83	14.08
Date, time	Time since pumping started (minutes)	Pumping rate (gpm)	Drawdown below static water level (ft)	
October 30, 1961				
1530 start	0	60	0	0
1600	30	60	0.04	0
1700	90	60	.08	0
1800	150	60	.08	0
1900	210	60	.10	0
2000 stop	270	60	.10	0
2015 start	295	100	-	-
2100	330	100	.17	0
2200	390	100	.19	0.04
2300	450	100	.21	.06
2400	510	100	.21	.06
October 31, 1961				
100	570	100	.21	.06
200	630	100	.23	.04
300	690	100	.23	.04
400	750	100	.27	.04
500	810	100	.27	.04
700	930	100	.31	.08
800	990	100	.33	.12
900	1050	100	.33	.12
1000	1110	100	.33	.12
1100	1170	100	.35	.12
1200	1230	100	.35	.12
1300	1290	100	.35	.12
1400	1350	100	.37	.12
1435 shutdown	1385	-	-	-

Town of Plainfield--Continued

Pl 294. Drilled well penetrating bedrock. Water-level measurements in pumped well; measuring point is 1.1 feet above land surface. Pumping rate varied from about 6gpm near start to about 2.5 gpm near shutdown; average rate about 4.1 gpm. Estimated total volume pumped: 46.5 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown (feet) a/
January 8, 1963			
1131 start b/	0 b/	16.05	0
1132:30±	1.5±	20.90	4.85
1133:30±	2.5	21.20	5.15
1136	5	25.55	9.50
1138	7	28.09	12.04
1139	8	28.80	12.75
1141	10	29.79	13.74
1142:20 shutdown	11.3	31.10	15.05
1145	14	27.69	11.64
1147	16	26.25	10.20
1148	17	25.64	9.59
1149	18	25.05	9.00
1150	19	24.56	8.51
1152	21	23.56	7.51
1154	23	22.72	6.67
1155	24	22.35	6.30
1157:30	26.5	21.48	5.43
1203	32	20.98	4.93
1208	37	20.49	4.44
1215	44	19.01	2.96
1217	46	18.68	2.63
1224	53	17.89	1.84
1234	63	17.16	1.11
1245	74	16.79	0.74
1305	94	16.56	.51
1320	109	16.49	.44
1335	124	16.31	.26
1350	139	16.20	.15
1405	154	16.13	.08
1420	169	16.09	.04
1435	184	16.07	.02
1450	199	16.06	.01

a/ Natural water-level trend nearly horizontal, no correction needed.

b/ Pump started at 1130, but ran slowly at first, then stopped; operated properly after 1131:30. Effective starting time about 1131.

Town of Pomfret

Po 60. Dug well penetrating till. Water-level measurements in pumped well; measuring point is 0.55 ft. above land surface. Volume of water pumped: 139 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
June 22, 1963			
1034:25 start	0	15.49	0
1038:25 shutdown	4	16.57	1.08
1300	146	16.56	1.07
June 23, 1963			
1230	1,560	16.50	0.99
June 24, 1963			
1030	2,880	16.45	.92
June 25, 1963			
1030	4,320	16.41	.86
June 26, 1963			
1030	5,760	16.37	.80
June 27, 1963			
1030	7,200	16.33	.74
June 28, 1963			
1030	8,640	16.30	.69
June 29, 1963			
1030	10,080	16.27	.63
June 30, 1963			
1030	11,520	16.25	.59
July 1, 1963			
1030	12,960	16.23	.55
July 5, 1963			
1030	18,720	16.19	.43
July 7, 1963			
1030	21,600	16.18	.38

Po 62. Dug well penetrating till. Water-level measurements in pumped well; measuring point is at land surface. Volume of water pumped: 151.25 gallons. Most of the water flowed downslope more than 30 feet from the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
June 22, 1963			
1217:15 start	0	7.32	0
	0.5	7.42	0.10
	1.0	7.55	.23
	1.5	7.66	.34
	2.0	7.77	.45
	3	8.00	.68
	4	8.23	.91
1222:15 shutdown	5	8.44	1.12
	13	8.34	1.02
	35	8.19	0.86
	45	8.13	.80
1315	58	8.06	.72
1324	67	8.02	.68
1332	75	7.99	.65
1500	163	7.76	.41
1515	178	7.73	.38
1538	201	7.70	.34
1605	228	7.67	.30
1635	258	7.64	.27
1709	292	7.61	.23
1820	363	7.56	.17
2000	463	7.52	.12
2220	600	7.48	.08
June 23, 1963			
120	780	7.45	.05
420	960	7.43	.03
820	1200	7.405	.015
1220	1440	7.43	.02

Po 64. Dug well penetrating till. Water-level measurements in pumped well; measuring point is 0.4 ft. above land surface. Volume of water pumped: 137 gallons. Most of the water flowed downslope at least 30 ft. from the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
June 22, 1963			
1430 start	0	10.18	0
1434 shutdown	4	12.05	1.87
1441	11	11.97	1.79
1443	13	11.95	1.77
1450	20	11.87	1.69
1505	35	11.73	1.55
1525	55	11.58	1.40
1545	75	11.43	1.25
1605	95	11.31	1.13
1625	115	11.21	1.03
1645	135	11.11	0.93
1705	155	11.03	.84
1725	175	10.95	.76
1740	190	10.91	.72
1800	210	10.84±	.65
2000	330	10.62	.42
2200	450	10.49	.29
2400	570	10.41	.20
June 23, 1963			
200	690	10.36	.14
400	810	10.34	.11
800	1050	10.33	.09
1200	1290	10.32	.07
1430	1440	10.32	.06
1800	1650	10.33	.05
2400	2010	10.34	.04
June 24, 1963			
1430	2880	10.38	.03
June 25, 1963			
1430	4320	10.45	.02

Town of Sterling

Sg 79. Dug well penetrating stratified drift. Water-level measurements in pumped well; measuring point is 0.33 ft. above land surface. Volume of water pumped: 135 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
June 10, 1963			
1239:48 start	0	7.06	0
	0.5	7.32	0.26
	1.0	7.59	.53
	1.5	7.86	.80
	2.0	8.11	1.05
	2.5	8.35	1.29
1242:48 shutdown	3.0	8.58	1.52
	4	8.54	1.48
	5	8.50	1.44
	6	8.47	1.41
	7	8.44	1.38
	8	8.41	1.35
	9	8.38	1.32
	10	8.36	1.30
	13	8.28	1.22
1255	15.2	8.22	1.16
1300	20.2	8.11	1.05
1305	25.2	8.01	.95
1307	27.2	7.97	.91
1315	35.2	7.86	.80
1325	45.2	7.73	.67
1335	55.2	7.62	.56
1345	65.2	7.54	.48
1355	75.2	7.47	.41
1415	95.2	7.375	.315
1435	115.2	7.31	.25
1455	135.2	7.26	.20
1515	155.2	7.22	.16
1540	180.2	7.19	.13
1600	200.2	7.17	.11
1800	320.2	7.10	.05
2000	440.2	7.08	.03
2300	620.2	7.06	.01

Town of Thompson

Th 21. Dug well penetrating stratified drift. Water-level measurements in pumped well; measuring point is 0.2 ft. above land surface. Volume of water pumped: 129.5 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below recovery from previous unsuccessful test (feet)
June 17, 1963			
1730 start	0	9.89	0
1735 shutdown	5	10.84	0.95
1736	6	10.69	.81
1737	7	10.59	.71
1738	8	10.51	.63
1740	10	10.38	.50
1742	12	10.28	.40
1744	14	10.20	.32
1746	16	10.15	.27
1748	18	10.11	.23
1750	20	10.08	.20
1755	25	10.02	.15
1800	30	9.99	.12
1806	36	9.96	.09
1808	38	9.95	.08
1810	40	9.94	.07
1815	45	9.93	.06
1835	65	9.90	.03
1850	80	9.89	.02
1915	105	9.88	.01

Th 57. Dug well penetrating till. Water-level measurements in pumped well; measuring point is at land surface. Volume of water pumped: approximately 135 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
July 23, 1963			
1717:20 start	0	16.92	0
	1	17.22	0.30
	2	17.39	.47
	3	17.60	.68
	4	17.78	.86
1722:20 shutdown	5	18.00	1.08
1900	102	17.97	1.05
July 24, 1963			
100	462	17.90	0.96
600	762	17.85	.89
1200	1122	17.80	.82
1717	1440	17.76	.76
2400	1842	17.72	.69
July 25, 1963			
1717	2880	17.645	.555
July 26, 1963			
1717	4320	17.59	.41
July 27, 1963			
1717	5760	17.58	.32
July 28, 1963			
1717	7200	17.58	.23
July 29, 1963			
1717	8640	17.605	.175

Town of Voluntown

Vo 7. First test. Dug well penetrating stratified drift. Water-level measurements in pumped well; measuring point is about at land surface. Volume of water pumped: 223 gallons. Most of the water flowed down a path to a depression 90 ft. northeast of the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown a/ (feet)
May 22, 1963			
1132:38 start	0	16.08	0
1140:38 shutdown	8	16.84	0.76
	10	16.60	.52
	11	16.52	.44
	12	16.45	.37
	13	16.39	.31
	15	16.32	.24
	17	16.27	.19
	20	16.23	.15
	22	16.21	.13
	24	16.19	.11
	26	16.18	.10
1205	32.4	16.16	.08
1212	39.4	16.14	.06
1217	44.4	16.13	.05
1225±	52	16.12	.04
1242±	69	16.11	.03
1300±	87	16.10	.02
1415±	162	16.09	.01

a/ Previous natural trend nearly horizontal, no correction needed during this brief test.

Town of Voluntown--Continued

Vo 7. Second test. Water-level measurements in pumped well; measuring point is about at land surface. Pumping rate nearly constant at 36.5 gpm. Most of the water flowed down a path to a depression 90 ft northeast of the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown a/ (feet)
May 31, 1963			
1518 start	0	16.21	0
1518:30	0.5	16.36	0.15
1519	1	16.47	.26
1519:30	1.5	16.57	.36
1520	2	16.65	.44
1521	3	16.79	.58
1522	4	16.90	.69
1523	5	17.00	.79
1524	6	17.08	.87
1526	8	17.20	.99
1527	9	17.25	1.04
1528	10	17.29	1.08
1530	12	17.36	1.15
1532	14	17.41	1.20
1534	16	17.45	1.24
1536	18	17.49	1.28
1538	20	17.53	1.32
1543	25	17.59	1.38
1548	30	17.64	1.43
1553	35	17.69	1.48
1558	40	17.71	1.50
1603	45	17.75	1.54
1608	50	17.78	1.57
1613	55	17.80	1.59
1618	60	17.82	1.61
1623	65	17.84	1.63
1628	70	17.86	1.65
1633 shutdown	75	17.88	1.67

Vo 7. Second test--continued.

Date, time	Time since pumping stopped (minutes)	Depth to water below measuring point (feet)	Corrected recovery above extrapolated drawdown a/ (feet)
May 31, 1963			
1633 shutdown	0	17.88	0
	0.5	17.76	0.12
	1.0	17.65	.23
	1.5	17.55	.33
	2.0	17.46	.42
	2.5	17.38	.50
	3.5	17.25	.64
	4.0	17.20	.69
	5	17.10	.79
	6	17.02	.87
	7	16.95	.95
	8	16.90	1.00
	9	16.85	1.05
	10	16.81	1.09
	12	16.75	1.16
	14	16.70	1.22
	16	16.66	1.26
	18	16.63	1.30
	20	16.60	1.34
	25	16.55	1.40
	32	16.50	1.47
	35	16.48	1.50
	40	16.46	1.53
	45	16.45	1.55
	50	16.43	1.58
	55	16.42	1.60
	60	16.41	1.62
	65	16.40	1.64
	70	16.39	1.66
	75	16.38	1.68
	81	16.37	1.70
1805	92	16.35	1.73

a/ Previous natural trend nearly horizontal, no correction needed during this brief test. Adjustments could be applied to allow for dewatering of the aquifer and/or partial penetration. Well Vo 7 penetrated 5.2 ft below the water table at the time of the test. The total saturated thickness of stratified drift at this site at the time of the test is estimated to be about 6 ft.

Vo 14a. First test. Dug well penetrating stratified drift. Water-level measurements in pumped well; measuring point is 0.4 ft above land surface. Volume of water pumped: 267 gallons. Water discharged to street, flowed far away from the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown (feet)
May 22, 1963			
1500 start	0	14.91	0
1507 shutdown	7.0	15.41	0.50
1507:30	7.5	15.27	.36
1508	8.0	15.18	.27
1508:30	8.5	15.12	.21
1509:30	9.5	15.05	.14
1510	10.0	15.035	.125
1511	11	15.01	.11
1512	12	14.995	.085
1515	15	14.97	.06
1517	17	14.96	.05
1520	20	14.95	.04
1525	25	14.94	.03
1530	30	14.933	.02
1535	35	14.93	.02
1540	40	14.928	.02
1545	45	14.925	.015
1550	50	14.92	.01
1601	61	14.92	.01

Vo 14a. Second test. Water-level measurements in pumped well and in observation well Vo 14, 14 ft away. Measuring point for Vo 14 is 1.2 ft above land surface; measuring point for Vo 14a is 0.4 ft above land surface. Pumping rate: approximately 36.5 gpm. Water discharged to street, flowed far away from both wells.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)		Drawdown (feet)	
		Vo 14	Vo 14a	Vo 14	Vo 14a
May 22, 1963					
1605 start	0	15.90	14.92	0	0
1605:30	0.5	-	15.04	-	0.12
1606	1.0	-	15.10	-	.18
1606:30	1.5	-	15.16	-	.24
1607	2.0	-	15.21	-	.29
1608	3	-	15.28	-	.36
1609	4	-	15.31	-	.39
1610	5	15.95	15.33	0.05	.41
1615	10	-	15.45	-	.53
1618	13	-	15.47	-	.55
1625	20	16.07	15.52	.17	.60
1630	25	16.10	15.55	.20	.63
1632	27	-	15.56	-	.64
1634	29	16.12	-	.22	-
1635	30	-	15.57	-	.65
1640	35	-	15.59	-	.67
1645	40	16.15	15.61	.26 a/	.69
1650	45	-	15.62	-	.70
1655 shutdown	50	16.18	15.64	.29 a/	.72
1655:30	50.5	-	15.46	-	.54
1656	51	-	15.37	-	.45
1657	52	-	15.26	-	.34
1659	54	-	15.18	-	.26
1659:30	54.5	16.14	-	.25 a/	-
1701	56	-	15.14	-	.22
1703	58	-	15.12	-	.20
1704:30	59.5	16.09	-	.20 a/	-
1705	60	-	15.11	-	.19
1709:30	64.5	16.06	-	.17 a/	-
1712	67	-	15.07	-	.15
1715	70	-	15.06	-	.14
1719:30	74.5	16.03	-	.14 a/	-
1720	75	-	15.05	-	.13
1725	80	-	15.04	-	.12
1729:30	84.5	16.01	-	.12 a/	-
1730	85	-	15.03	-	.11
1735	90	-	15.02	-	.10
1740	95	-	15.02	-	.10
1745	100	-	15.01	-	.09
1804:30	119.5	-	15.00	-	.08

a/ Corrected for extrapolated recovery from first test.

Town of Voluntown--Continued

Vo 88. Dug well penetrating till, bottom is fine sand. Water-level measurements in pumped well; measuring point 1 ft. above land surface. Volume of water pumped: 180 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
May 31, 1963			
1318 start	0	5.46	0
1322:30 shutdown	4.5	7.65	2.19
1325:30	7.5	7.56	2.10
1340	22	7.31	1.85
1400	42	7.06	1.59
1420	62	6.89	1.42
1450	92	6.69	1.22
1520	122	6.52	1.05
1600	162	6.33	0.85
1620	182	6.26	.78
1650	212	6.16	.67
1720	240	6.085	.585
1820	300	5.96	.45
2020	420	5.82	.28
2220	540	5.74	.18
June 1, 1963			
020	660	5.70	.12
220	780	5.68	.09
420	900	5.68	.07
620	1020	5.68	.04
820	1140	5.695	.035
1220	1380	5.71	.02

Vo 93a. Dug well penetrating stratified drift. Water-level measurements in pumped well; measuring point is 0.4 ft. above land surface. Volume of water pumped: 121.75 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown a/ (feet)
May 31, 1963			
1118:30 start	0	20.84	0
	0.5	21.09	0.25
	1	21.27	.43
	1.5	21.42	.58
	2	21.56	.72
	2.5	21.69	.85
	3	21.81	.97
	3.5	21.91	1.07
1122:30 shutdown	4	22.00	1.16
	4.17	21.94	1.10
	4.5	21.85	1.01
	5	21.72	0.88
	5.5	21.62	.78
	6	21.55	.71
	6.5	21.48	.64
	7	21.43	.59
	8	21.35	.51
	9	21.30	.46
	10	21.25	.41
	12	21.19	.35
	14	21.15	.31
	16	21.12	.28
	18	21.10	.26
	20	21.09	.25
1143	24.5	21.06	.22
1150	31.5	21.04	.20
1155	36.5	21.03	.19
1200	41.5	21.01	.17
1215	56.5	20.99	.15
1225	66.5	20.98	.14
1425	186.5	20.93	.09
1606	287.5	20.91	.07
1744	385.5	20.90	.06

a/ No data from which natural trend could be determined; however, weekly water-level measurements over several months have shown that natural fluctuations in this well are small.

Vo 145. Drilled well penetrating bedrock; in use (domestic) on date tested. Water-level measurements in pumped well; measuring point is 5.3 ft. below land surface. Estimated average pumping rate 6.9 gpm; individual discharge measurements are listed in the following table. Water spilled on land surface about 45 ft. from well

Date, time	Measured discharge via hoses (gpm)	Depth to water below measuring point (feet)	Remarks
Nov. 24, 1962			
1000	-	-	Shut off pump which had run briefly.
1014	-	8.43	Pressure in tank 13 lbs.
1017	-	8.40	-
1021	-	8.38	-
1027	-	8.35	-
1028 start	-	-	Turned on pump.
1029	8	-	Pressure tank filling; est. pumping rate > 9.5 gpm
1031	-	-	Pressure in tank 40 lbs.
1032	9.5	-	-
1034	9.4	-	-
1036	9	-	-
1037	-	-	Pressure in tank 35 lbs; tightened faucets to hoses
1041	6.9	-	Pressure in tank 38 lbs. Water spraying into well 17.5 ft. below measuring point.
1043	6.7	-	-
1045	6.5	-	-
1047	6.2	-	-
1050	6	-	-
1053:30	4.4	-	Also about 1.2gpm used in house 1050 - 1100 to fill washing machine. Pressure in tank 22 lbs.
1058	-	-	Shut off hoses; pressure 13 lbs.
1103:30	-	-	Pump shut off; pressure 50 lbs.
1118:40	-	36.1	-
1120	-	34.65	-
1121	-	32.63	-
1122	-	31.40	-
1123	-	29.60	-
1124	-	28.03	-
1125	-	26.05	-
1126	-	24.15	-
1127:15	-	22.00	-
1128	-	21.25	-
1130	-	18.50	-
1131	-	17.30	-
1132	-	16.75	Noise of water running into well stopped abruptly.
1134	-	14.93	-
1135	-	14.22	-
1137	-	13.40	-
1138	-	13.10	-
1139	-	12.72	-
1140	-	12.44	-
1141	-	12.08	-
1142	-	11.85	-
1144	-	11.40	-
1145	-	11.30	-
1145:30	-	-	Turned pump on to provide water for house.

Vo 146. Drilled well penetrating bedrock. Water-level measurements in pumped well; measuring point is 0.3 ft. above land surface. Pumping rate varied from 5.8 gpm at the start to 1.6 gpm at the time of shutdown; average rate about 4.3 gpm. Estimated total volume pumped: 43 gallons.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Drawdown a/ (feet)
Nov. 14, 1962			
1016 start	0	10.20	0
1026 shutdown	10	29.98	19.78
1035	19	27.63	17.43
1040	24	26.59	16.39
1050	34	24.75	14.55
1105	49	22.34	12.14
1120	64	20.48	10.28
1150	94	17.72	7.52
1235	139	15.99 b/	5.79
1245	149	15.24	5.04
1302	166	14.26	4.06
1310:20	174.3	13.88	3.68
1349	213	12.59	2.39
1400	224	12.35	2.15
1500	284	11.66	1.46
1600	344	11.30	1.10
1800	464	10.94	0.74
Nov. 15, 1962			
1015±	1440±	10.71	0.51
Nov. 16 - 19, 1962	-	10.64±	-

a/ Previous natural trend not well defined but apparently near horizontal; no drawdown correction used.

b/ During both drawdown and recovery, the rate of change of water level in the well slowed markedly between 16 and 17 ft. below land surface, apparently due to the draining and refilling of small fractures or pockets in the rock.

Town of Woodstock.

Wk 19. Dug well penetrating till. Water-level measurements in pumped well; measuring point is 0.3 ft. above land surface. Volume of water pumped: 118.5 gallons. Part of the water probably flowed downslope more than 30 ft. from the well.

Date, time	Time since pumping started (minutes)	Depth to water below measuring point (feet)	Corrected drawdown below extrapolated natural trend (feet)
July 23, 1963			
1202 start	0	10.99	0
1206 shutdown	4	12.26	1.27
1252	50	12.09	1.10
1332	90	11.97	0.98
1412	130	11.88	.89
1452	170	11.79	.80
1521	198	11.74	.75
1551	229	11.68	.69
1705	300	11.57	.57
1805	360	11.49	.49
2005	480	11.38	.38
2205	600	11.30	.30
July 24, 1963			
005	720	11.25	.25
205	840	11.21	.21
605	1080	11.15	.14
1205	1440	11.11	.09
1700	1740	11.09	.07
2400	2160	11.08	.05
July 25, 1963			
1200	2880	11.08	.04
July 26, 1963			
1200	4320	11.09	.02
2400	5040	11.10	.02

Wk 72. Drilled well penetrating bedrock. Water-level measurements in pumped well; measuring point was 2.1 ft. above land surface at time of test. Volume of water added to well: about 10.2 gallons (slug test).

Date, time	Time since water added (minutes)	Depth to water below measuring point (feet)	Corrected residual head above extrapolated natural trend (feet)
August 30, 1962			
1314	-	25.25	0
1315 - 1315:30	Added water	-	-
1317	2	19.43	5.82
1319	4	19.84	5.41
1321	6	20.21	5.04
1323	8	20.46	4.79
1325	10	20.85	4.40
1327	12	21.15	4.10
1330	15	21.56	3.69
1335	20	22.13	3.12
1345	30	22.96	2.29
1356	41	23.59	1.66
1400	45	23.76	1.49
1407	52	24.02	1.23
1429	74	24.55	0.69
1440	85	24.73	.51
1445	90	24.76	.48
1450	95	24.83	.41
1455	100	24.87	.37
1500	105	24.90	.34
1510	115	24.96	.28
1531	136	25.02	.21
1545	150	25.05	.18

Table 5.--Chemical analys water from wells and springs

Water-yielding units: Units given are till, stratified drift and bedrock formations. Bedrock formation names are based on information in the following publications: Dixon, H.R., 1964, the Putnam Group of eastern Connecticut: U.S. Geol. Survey Bull. 1194-C; or Rodgers, J., Gates, R.M., and Rosenfeld, J.L., 1959, Explanatory text for preliminary geological map of Connecticut, 1956: Connecticut Geol. and Nat. Hist. Survey Bull. 84. For well and spring locations see Tables 1 and 3.

Well or spring number	Water-yielding unit	Date of collection	Parts per million																Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
			Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)			
U.S. Public Health Service drinking water standards		(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	--	--	--
										Town of Brooklyn											
Bk 30	Tatnic Hill Fm, lower member	4-17-63	--	0.3	0.00	--	--	12	2.1	86	13	--	--	--	113	--	--	--	196	7.6	--
Bk 34	Tatnic Hill Fm, Fly Pond Member	4-17-63	--	.43	.00	--	--	14	2.4	90	16	--	--	--	104	--	--	--	174	7.2	--
Do	do	8- 9-63	34	.13	--	18	2.2	--	--	84	--	2.3	--	.2	--	54	0	--	175	7.2	55
Bk 50	Tatnic Hill Fm, lower member	4-17-63	--	.07	.00	--	--	4.7	1.9	17	19	--	--	--	113	--	--	--	152	6.7	--
Do	do	8- 8-63	13	.11	--	13	3.2	--	--	16	--	6.9	--	12	--	48	35	--	134	6.3	--
Bk 59	Tatnic Hill Fm, lower member	5- 9-63	--	.01	.00	--	--	8.0	4.2	66	26	--	--	--	236	--	--	--	309	7.1	--
Do	do	8- 9-63	19	.00	--	44	3.4	--	--	62	--	18	--	41	--	124	73	--	321	6.9	--
Bk 83	Canterbury Granitic Gneiss	1-16-63	20	.06	.00	9.6	1.7	5.5	2.4	38	--	--	--	3.0	--	31	0	--	103	6.9	50
Bk 86	Tatnic Hill Fm, Yantic Member	1-16-63	23	.04	.00	21	1.3	7.7	2.9	78	--	--	--	.7	108	58	0	--	164	7.4	49
Bk 87	Tatnic Hill Fm, Fly Pond Member	1-16-63	11	.05	.00	7.8	.6	3.0	1.8	22 2/	--	--	--	5.0	46	22	4	.0	70	7.2	52
Bk 94	Quinebaug Fm, Black Hill Member	4-12-63	--	.00	.00	23	--	6.8	2.5	62 2/	21	--	--	--	107	--	--	--	156	8.5	--
Do	do	8-13-63	11	.02	--	23	.4	--	--	61	--	--	--	.5	--	59	9	--	163	7.7	58
Bk 95	Stratified drift	4-15-63	--	.08	.00	--	--	5.5	3.1	40	15	--	--	--	86	--	--	--	134	7.5	--
Do	do	8-13-63	14	.11	--	14	1.7	--	--	40	--	--	--	8.7	--	42	9	--	134	7.1	58
Bk 99	Quinebaug Fm, upper member	4-12-63	--	.13	.05	--	--	5.4	3.8	68	13	--	--	--	92	56	1	.0	150	7.5	--
Do	do	8- 9-63	22	.09	--	15	5.0	--	--	66	--	2.4	--	.0	--	58	4	--	150	7.2	--
Bk 101	Tatnic Hill Fm, lower member	5- 9-63	--	.07	.00	--	--	3.1	.6	12	9.8	--	--	--	43	--	--	--	54	6.2	--
Do	do	8-13-63	12	.09	--	9.4	1.1	3.7	1.0	18	--	--	--	.2	--	28	13	--	94	6.9	57
Bk 111	Quinebaug Fm, Black Hill Member	5- 9-63	--	.01	.00	28	--	9.0	3.3	66	24	--	--	--	125	--	--	--	214	8.2	--
Do	do	8-13-63	10	.01	--	29	1.8	--	--	67	--	--	--	9.6	--	80	25	--	224	7.6	--
										Town of Canterbury											
Cy 1	Tatnic Hill Fm, lower member	1-16-63	12	.05	.00	25	1.1	3.5	2.4	72	--	--	--	.0	101	67	8	--	168	7.4	46
Do	do	7-19-63	18	.02	.00	27	1.1	--	--	70	18	6.8	--	1.1	--	72	15	--	174	7.2	--
Cy 6	Tatnic Hill Fm, lower member	1-16-63	14	.02	.00	56	5.2	7.4	4.1	116	--	--	--	7.6	249	161	66	--	383	7.5	46
Cy 32	Tatnic Hill Fm, lower member	4-10-63	--	.10	.00	9.1	--	3.4	.9	18	13	--	--	--	53	--	--	--	73	6.2	--
Do	do	8-13-63	16	.11	--	8.5	1.5	3.1	.9	20	--	--	--	.2	--	27	11	--	82	7.2	58
Cy 48	Quinebaug Fm, Black Hill Member	4-10-63	--	.03	.03	20	3.4	5.5	2.5	73	13	--	--	--	114	64	4	.0	168	6.7	--
Do	do	8-13-63	17	.04	--	24	2.0	5.4	2.4	74	--	--	--	2.3	--	68	8	--	175	7.0	--
Cy 56	Tatnic Hill Fm, lower member	1-16-63	20	.45	.55	16	6.8	21	4.5	22	--	--	--	.6	--	68	50	--	302	6.4	52
Cy 59	Tatnic Hill Fm, Yantic Member	1-16-63	9.7	.52	.04	2.9	1.0	3.8	1.2	5	--	--	--	.1	37	11	7	.0	58	5.2	54
Cy 66	Quinebaug Fm, upper member	4-10-63	--	.01	.00	--	--	4.5	2.9	54	13	--	--	--	95	--	--	--	128	8.2	--
Do	do	8-13-63	21	.02	--	18	.7	--	--	54	--	--	--	1.0	--	48	4	--	130	7.9	55
Cy 77	Hebron Gneiss	1-16-63	20	.11	.00	11	1.1	8.4	3.0	46	--	--	--	.0	74	32	0	.0	116	7.0	46
Cy 81	Tatnic Hill Fm, Fly Pond Member	1-16-63	13	.14	.01	20	.2	9.1	1.1	67	--	--	--	.0	92	51	0	--	151	7.9	47
Cy 83	Canterbury Gneiss	1-16-63	29	.25	.29	13	3.0	9.6	1.2	37	--	--	--	.9	95	40	10	--	140	6.6	51
Cy 87	Tatnic Hill Fm, lower member	1-16-63	15	.05	.03	3.2	1.0	4.4	.9	15	--	--	--	2.1	36	12	0	--	54	6.9	52
Cy 88	Tatnic Hill Fm, lower member	1-16-63	12	.03	.00	26	2.9	5.4	1.6	55	--	--	--	7.8	128	77	32	--	205	6.8	--
Cy 92	Till	7-19-63	13	.21	.00	35	11	39	13	15	23	--	--	4.3	331	131	119	--	555	5.8	--
Cy 93	Tatnic Hill Fm, lower member	1-16-63	18	2.2	.49	17	3.3	7.5	4.3	65	--	--	--	.4	107	56	3	--	107	6.8	44
Cy 94	Tatnic Hill Fm, lower member	1-16-63	33	.72	.10	16	3.2	8.3	3.5	40	--	--	--	.0	127	53	20	--	173	6.9	50
Cy 95	Tatnic Hill Fm, lower member	1-16-63	26	2.9	.76	16	5.8	7.2	3.0	16	--	--	--	.2	136	64	51	.0	184	5.9	48
Cy 96	Tatnic Hill Fm, lower member	1-16-63	26	.48	.10	97	8.9	11	2.7	94	--	--	--	.5	--	279	202	.0	560	7.2	54
Cy 99	Tatnic Hill Fm, lower member	1-16-63	14	.08	.00	20	1.0	4.8	2.5	51	--	--	--	7.7	98	54	12	--	154	6.6	55
Cy 115	Quinebaug Fm, Black Hill Member	4-12-63	--	.01	.00	--	--	4.0	2.4	40	11	--	--	--	65	--	--	--	103	6.9	--
Do	do	8-13-63	11	.04	--	21	1.6	4.5	3.6	66	--	--	--	.2	--	59	5	--	156	7.7	--
										Town of Griswold											
Gs 1	Plainfield Quartz Schist	6-27-63	16	.01	.00	37	1.6	4.9	.5	77	3.8	--	--	13	172	99	36	--	234	6.9	--
Gs 22	Sterling Granite Gneiss	4- 3-63	--	.01	.01	3.4	--	3.4	.1	11	7.5	--	--	--	33	--	--	--	47	6.2	--
Do	do	8-14-63	10	.05	--	4.8	1.4	3.4	.2	11	--	--	--	.0	--	18	9	--	58	6.2	--
Gs 25	Quinebaug Fm, Black Hill Member	4-10-63	--	.17	.04	--	--	8.2	5.7	47	--	--	--	--	136	--	--	--	214	7.0	--
Do	do	8-14-63	16	.09	.03	23	8.4	8.8	5.8	--	--	--	--	3.3	--	92	--	--	358	4.6	58
Gs 26	Quinebaug Fm, upper member	4-10-63	--	.06	.14	18	--	6.0	2.8	65	11	--	--	--	91	--	--	--	129	8.1	--
Do	do	8-14-63	20	.05	.12	17	1.8	--	--	64	--	--	--	.2	--	50	0	--	142	7.3	59
Gs 27	Stratified drift	4-10-63	--	.02	.00	--	--	8.0	4.4	27	18	--	--	--	123	--	--	--	189	6.1	--
Do	do	8-14-63	17	.04	.00	9.9	3.5	5.8	3.2	26	--	--	--	7.5	--	39	18	--	132	6.8	58
Gs 28	Quinebaug Fm, upper member	4-10-63	--	2.2	.40	--	--	4.9	1.4	43	7.9	--	--	--	61	--	--	--	97	6.5	--
Do	do	8-14-63	19	3.7	.33	10	1.7	--	--	45	--	--	--	.3	--	34	0	--	94	6.6	54
Gs 32	Quinebaug Fm, upper member	6-25-63	13	.03	.00	18	2.7	7.2	1.1	26 3/	8.6	22	--	16	128	56	35	.0	176	6.4	--
Gs 34	Stratified drift	4-10-63	--	.03	.08	--	--	5.5	2.8	45 2/	13	--	--	--	81	--	--	--	113	9.3	--
Do	do	8-14-63	13	.09	.00	14	.7	4.7	2.6	41 4/	--	--	--	.3	--	38	0	--	116	8.9	59
Gs 35	Stratified drift	4-10-63	--	.06	.00	--	--	4.9	1.2	32	6.3	--	--	--	73	--	--	--	95	6.5	--
Do	do	8-14-63	17	.02	.01	11	2.3	--	--	34	--	--	--	.5	--	37	9	--	119	6.4	--

1/ Recommended control limits: lower - 0.8 ppm, optimum - 1.0 ppm.
2/ Includes the equivalent of 2 ppm of carbonate (CO_3).
3/ Includes the equivalent of 7 ppm of carbonate (CO_3).
4/ Includes the equivalent of 3 ppm of carbonate (CO_3).

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

Well or spring number	Water-yielding unit	Date of collection	Parts per million: Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
								Town of Griswold--Continued													
Gs 38	Quinebaug Fm, upper member	4-10-63	--	0.03	0.00	9.4	--	5.2	2.8	49	8.5	--	--	--	75	--	--	--	105	7.1	--
Do	do	8-14-63	23	.09	.00	9.9	2.1	--	--	49	--	--	--	1.4	--	33	0	--	105	7.2	57
Gs 40	Quinebaug Fm, upper member	4-10-63	--	2.3	.38	13	--	5.4	1.6	70	3.3	--	--	--	78	--	--	--	118	6.9	--
Do	do	8-14-63	20	3.2	.40	14	1.7	--	--	70	--	--	--	1.0	--	42	0	--	118	7.0	59
Gs 41	Stratified drift	4-10-63	--	.05	.04	--	--	10	1.3	26	11	--	--	--	137	--	--	--	193	6.1	--
Do	do	8-14-63	12	.28	.24	32	6.8	30	2.9	38	--	--	--	44	--	108	77	--	455	6.0	--
Gs 43	Stratified drift	4-10-63	--	.04	.22	--	--	60	2.8	17	--	--	--	--	279	--	--	--	423	6.2	--
Do	do	8-14-63	7.3	.09	.29	11	1.6	40	1.6	--	--	--	--	1.8	--	34	--	--	299	6.2	--
Gs 44 5/	Stratified drift	6-27-63	14	.03	.00	14	1.7	6.6	2.3	35	14	--	--	11	101	42	14	--	117	6.6	--
Gs 64	Stratified drift	6-26-63	--	.04	5.7	40	1.9	14	3.4	2	15	84	--	13	330	108	107	--	400	4.8	--
Do	do	8-14-63	7.5	--	2.2	37	.9	4.9	1.0	10	--	--	--	1.7	--	96	88	--	286	6.2	54
								Town of Hampton													
Hp 16	Hebron Gneiss	1-16-63	26	.26	.00	11	2.1	6.2	3.0	14	--	--	--	8.9	96	36	25	--	132	6.1	43
								Town of Killingly													
Ki 10 5/	Quinebaug Fm, Black Hill Member	2- 7-62	15	.06	.00	19	5.8	5.2	3.3	76	15	4.2	0.1	1.7	112	72	9	0.0	178	7.1	--
Ki 18 6/	Quinebaug Fm, lower member	5-31-50	--	.00	--	--	--	--	--	--	--	4.2	--	.4	--	60	--	--	--	7.5	--
Ki 23 7/	Stratified drift and Quinebaug Fm, lower member	6-28-49	5.0	--	--	9.0	2.4	--	--	16	24	7.1	--	--	76	33	--	--	--	7.1	--
Ki 56	Stratified drift	7- 1-63	17	2.3	.19	23	1.1	4.9	.7	14	16	--	--	--	134	62	51	--	187	6.0	--
Ki 60 5/	Stratified drift	4-23-63	--	.05	--	10	--	4.4	1.7	34	--	5.0	--	4.8	--	--	--	--	101	7.4	--
Do	do	6-27-63	12	.01	.00	7.6	2.0	3.9	1.6	23	7.9	5.2	.0	4.6	57	26	8	--	81	7.0	57
Ki 69	Quinebaug Fm, lower member	5-15-63	--	2.7	.89	10	--	4.9	2.6	17	17	--	--	--	75	--	--	--	96	6.0	--
Do	do	8-13-63	17	2.9	.94	9.0	.4	--	--	18	--	--	--	.0	--	24	9	--	88	6.5	59
Ki 187	Sterling Granitic Gneiss	6-12-63	18	.05	.00	21	3.8	13	1.7	86	16	--	--	.3	114	68	0	--	187	7.3	--
Ki 199	Quinebaug Fm, lower member	5-22-62	11	.16	.01	11	.7	3.1	2.5	38	5.5	2.2	--	.0	61	31	0	.0	84	7.2	51
Ki 207	Stratified drift	6-28-63	16	.14	.00	6.7	1.3	3.6	1.3	25	.2	--	--	.7	59	22	2	--	67	6.5	--
Ki 240	Till	5-15-63	--	.11	.00	16	--	3.1	2.3	46	9.4	--	--	--	86	--	--	--	137	7.0	--
Do	do	8-13-63	13	.11	--	16	2.4	--	--	49	--	--	--	12	--	50	10	--	132	6.9	57
Ki 243	Stratified drift	5-14-63	--	.07	.04	13	--	5.2	2.1	35	11	--	--	--	80	--	--	--	120	6.8	--
Do	do	8-13-63	18	.03	--	15	.6	--	--	36 2/	--	--	--	2.1	--	40	11	--	120	7.2	59
Ki 255	Plainfield Quartz Schist	5-15-63	--	.05	.00	--	--	6.4	2.0	72 2/	5.6	--	--	--	96	56	0	.0	149	8.5	--
Do	do	8-13-63	15	.02	--	16	3.9	5.9	1.7	68	--	--	--	5.9	--	56	1	--	153	7.7	59
Ki 329 8/	Quinebaug Fm, Black Hill Member	6-27-63	10	.08	.00	27	3.5	3.6	2.7	57	20	--	--	4.2	100	82	58	--	158	6.7	--
Ki 345 8/	Stratified drift	5-25-62	--	.02	.00	--	--	--	--	--	--	--	--	.9	--	47	--	--	--	6.1	--
Ki 351	Quinebaug Fm, lower member	6-27-63	13	.07	.00	36	5.4	5.0	3.5	85	12	--	--	4.0	172	112	43	--	273	6.8	--
Ki 356	Stratified drift	7- 1-63	17	.07	.04	22	3.6	12	4.0	20	18	39	--	8.4	211	70	54	--	241	6.2	--
Ki 357	Quinebaug Fm, lower member	7- 1-63	16	.00	.00	19	.6	17	.9	90	11	--	--	.0	107	50	0	--	167	7.4	--
Ki 363	Till	6-25-63	16	.05	.00	18	1.2	13	7.2	52	6.9	--	--	26	134	50	8	--	197	6.9	--
								Town of Lisbon													
Ls 9	Tatnic Hill Fm, lower member	1-17-63	18	.22	.00	4.8	1.0	5.6	1.7	30	--	--	--	1.1	49	16	0	--	64	6.8	51
Ls 12	Tatnic Hill Fm, lower member	1-15-63	12	.05	.00	24	2.0	4.2	2.4	55	9.6	6.0	--	19	128	68	23	.1	184	7.7	51
Ls 13	Tatnic Hill Fm, lower member	1-17-63	15	.03	.03	22	3.2	6.8	6.1	36	--	--	--	28	167	68	39	.1	209	6.6	--
Ls 17	Tatnic Hill Fm, lower member	1-15-63	22	.04	.03	26	.7	4.8	2.2	74	16	4.7	--	.1	128	68	8	.0	179	7.8	46
Ls 18 9/	Tatnic Hill Fm, lower member	1-17-63	--	1.4	.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ls 23	Tatnic Hill Fm, lower member	1-15-63	17	.05	.01	29	2.8	8.9	3.0	66	38	9.8	--	2.3	--	84	30	--	244	7.4	--
								Town of Plainfield													
Pl 37 5/	Plainfield Quartz Schist	3- 5-62	17	.06	.01	14	3.3	9.0	1.9	56	13	5.8	.4	.6	98	49	3	.0	142	6.8	52
Pl 48	Till	4- 2-63	--	.03	.00	--	--	6.4	.7	17	22	--	--	--	82	--	--	--	121	6.8	--
Do	do	8-13-63	19	.06	--	12	2.0	--	--	22	--	--	--	7.1	--	38	20	--	143	7.0	56
Pl 56	Till	4- 2-63	--	.05	.00	--	--	5.1	3.3	66	21	--	--	--	132	--	--	--	199	6.3	--
Do	do	8-13-63	16	.18	--	20	7.5	16	2.5	70	--	--	--	13	--	81	24	--	231	6.4	59
Pl 95	Sterling Granitic Gneiss	5-14-63	--	.10	.08	7.4	1.3	5.8	.8	14	13	--	--	--	69	24	13	.1	99	5.7	--
Do	do	8-14-63	15	.02	--	10	2.2	7.6	.5	30	--	--	--	4.0	--	34	10	--	114	6.6	54
Pl 108	Plainfield Quartz Schist	5-15-63	--	.01	.00	21	--	8.2	1.9	54	12	--	--	--	157	--	--	--	181	6.9	--
Do	do	8-14-63	13	.02	.00	29	1.8	6.2	3.2	60	--	--	--	14	--	80	31	--	210	6.7	59
Pl 110	Sterling Granitic Gneiss	5-14-63	--	.01	.07	18	--	9.6	2.5	73	17	--	--	--	119	--	--	--	167	7.9	--
Do	do	8-14-63	17	.02	.01	22	5.1	11	2.6	88	--	--	--	2.2	--	76	4	--	214	7.1	51
Pl 114	Plainfield Quartz Schist	3-16-62	17	.32	.00	15	2.2	5.1	2.0	57	5.3	4.0	.2	1.6	85	47	0	.0	123	7.0	--
Pl 116	Quinebaug Fm, lower member	4-15-63	--	.15	.00	--	--	7.9	4.8	114	17	--	--	--	219	--	--	--	332	7.6	--
Do	do	8-13-63	22	.04	--	50	3.1	--	--	116	--	--	--	37	--	138	43	--	337	7.0	57
Pl 153	Quinebaug Fm, lower member	4-12-63	--	.00	.00	14	--	5.5	6.5	24	19	--	--	--	95	--	--	--	144	6.1	--
Do	do	8-13-63	12	.00	--	23	2.1	5.5	4.9	52	--	--	--	13	--	66	24	--	193	6.7	59
Pl 182	Sterling Granitic Gneiss	4-20-63	--	.05	.22	--	--	7.6	2.1	67	11	--	--	--	88	--	--	--	134	7.9	--
Do	do	8-13-63	20	.11	.19	16	2.4	--	--	68	--	--	--	.1	--	50	0	--	135	7.5	52

2/ Includes the equivalent of 2 ppm of carbonate (CO_3).
5/ Public water supply.
6/ Analysis made by Connecticut State Department of Health.
7/ Analysis made by Alkin - Murray Corporation.
8/ Analysis made by Thomas J. Rinaldo, Sanitary Engineer
9/ Sample collected after treatment with calgon.

Table 5.--Chemical analyses of , from wells and springs--Continued

Well or spring number	Water-yielding unit	Date of collection	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
			Parts per million																		
								Town of Plainfield--Continued													
Pl 185 5/ 10/	Stratified drift	10-10-62	14	0.03	0.00	19	3.3	7.6	3.3	40	14	9.3	0.1	27	138	61	28	--	185	6.7	51
Do	do	7-29-63	--	--	--	--	--	--	--	41	--	--	--	26	--	--	--	--	187	6.9	--
Pl 248	Quinebaug Fm, lower member	7-19-63	11	.01	.00	19	2.1	6.0	3.1	31	39	6.2	--	1.8	117	56	31	--	173	6.0	--
Pl 289	Stratified drift	4- 2-63	--	.04	.00	--	--	4.1	1.3	30	19	--	--	--	64	--	--	--	83	6.6	--
Do	do	8-13-63	16	.05	--	7.8	2.1	--	--	31	--	--	--	1.0	--	28	3	--	83	6.6	58
Pl 296	Quinebaug Fm, Black Hill Member	4- 2-63	--	.00	.00	--	--	4.7	1.9	47	16	--	--	--	100	--	--	--	149	7.6	--
Do	do	8-13-63	11	.01	--	21	.4	--	--	46	--	--	--	1.6	--	54	17	--	152	7.4	--
Pl 297	Stratified drift	4-12-63	--	.02	--	--	--	4.0	1.1	20	5.1	--	--	--	70	--	--	--	105	6.7	--
Do	do	8-13-63	11	.09	--	8.3	1.8	--	--	14	--	--	--	17	--	28	17	--	92	6.1	--
Pl 383a 5/ 6/	Stratified drift	10-24-63	--	.0	.0	--	--	3.2	--	--	--	5.2	.1	13	--	38	--	0.0	--	7.1	--
Pl 1sp 5/	Stratified drift	3- 5-62	14	.06	.03	20	4.3	6.9	3.1	34	14	13	.1	34	143	68	40	.1	199	6.5	--
Do	do	10-24-62	12	--	--	18	2.7	5.9	2.8	38	14	9.8	.1	20	114	56	25	--	167	6.3	53
Do	do	7-29-63	--	--	--	--	--	--	--	38	--	--	--	15	--	--	--	--	152	6.9	--
Pl 4sp	Stratified drift	8-27-62	--	--	--	4.0	1.0	3.3	1.6	19	--	--	--	--	--	14	0	--	51	7.1	50
								Town of Pomfret													
Po 2	Till	6-24-63	17	.11	.05	41	6.7	15	5.7	93	26	--	--	16	241	130	54	--	369	6.6	--
Po 8	Till	6-21-63	27	.00	.00	14	1.5	4.9	2.2	30	23	--	--	3.3	110	41	17	--	130	6.4	--
Po 48 10/	Hebron Gneiss	6-21-63	--	.00	.00	14	.2	34	1.8	54	27	22	--	.6	138	36	0	--	219	7.5	--
Do	do	8- 9-63	15	.10	--	12	.2	27	1.6	55	--	16	--	.2	--	31	0	--	202	7.5	--
Po 49	Hebron Gneiss	5-16-63	--	.14	.11	18	--	8.8	3.6	63	20	--	--	--	100	--	--	--	156	8.0	--
Do	do	8-13-63	29	.11	.12	20	3.4	--	--	82	--	--	--	.0	--	64	0	--	199	7.4	58
Po 52 11/	Hebron Gneiss	6-12-63	20	.05	.00	19	3.8	10	3.2	82	13	--	--	.6	115	63	0	--	183	7.4	--
Po 55	Hebron Gneiss	1-16-63	23	.12	.01	16	2.2	9.5	2.5	68	--	--	--	.2	103	49	0	--	153	7.4	52
Po 66	Till	1-16-63	34	.04	.00	11	3.0	5.8	1.0	42	--	--	--	5.5	80	40	6	.1	124	7.7	46
Po 73	Scotland Schist	1-16-63	31	.14	.03	24	2.2	7.8	5.4	78	--	--	--	.0	133	69	5	.0	133	7.4	50
Po 77	Scotland Schist	1-16-63	15	.11	.00	18	2.4	6.5	9.2	53	--	--	--	12	122	55	12	--	186	6.9	55
Po 82	Canterbury Granitic Gneiss	1-16-63	16	.34	.07	22	5.1	22	2.8	114	--	--	--	.7	156	76	0	.0	252	8.2	50
								Town of Preston													
Ps 34	Tatnic Hill Fm, lower member	7-29-63	24	4.8	.14	15	8.4	6.3	2.6	38 2/	21	19	--	1.0	135	72	41	--	208	6.3	--
Ps 35	Tatnic Hill Fm, lower member	5-16-63	--	.05	.01	13	--	4.7	2.6	33 2/	10	--	--	--	91	--	--	--	122	8.6	--
Do	do	8-14-63	14	.08	--	13	2.1	--	--	40	--	--	--	1.1	--	41	8	--	125	7.0	55
Ps 38	Tatnic Hill Fm, lower member	5-16-63	--	.07	.03	26	--	5.1	4.5	82	29	--	--	--	133	--	--	--	213	8.1	--
Ps 53	Tatnic Hill Fm, lower member	1-15-63	28	1.2	.07	9.4	3.8	6.5	2.3	32	--	--	--	.0	86	39	13	.0	129	6.9	46
Ps 54	Preston Gabbro	6-27-63	18	.00	.00	24	2.4	6.4	5.2	48	17	--	--	29	153	70	31	--	195	6.6	--
								Town of Putnam													
Pu 11	Plainfield Quartz Schist	5-16-63	--	.05	.05	8.0	--	8.7	2.5	18	9.2	--	--	--	86	--	--	--	119	6.1	--
Do	do	8-13-63	21	.09	--	12	2.2	12	3.9	22	--	--	--	28	--	39	21	--	174	6.1	54
Pu 20	Quinebaug Fm, Black Hill Member	6-24-63	--	.07	.00	25	6.2	6.9	2.1	32	9.2	42	--	5.3	206	88	62	--	252	6.8	--
Pu 23	Sterling Granitic Gneiss	6-21-63	19	.08	.00	19	3.0	6.3	1.1	62	14	--	--	2.1	100	60	9	--	152	8.0	--
Pu 24	Stratified drift	6-24-63	--	.06	.00	8.0	1.7	3.8	2.3	31	4.6	2.8	--	.4	64	27	2	--	85	7.3	--
Pu 33	Stratified drift	6-25-63	9.9	.03	.00	3.5	.9	3.2	.2	12	8.4	--	--	--	31	12	2	--	39	6.2	--
Do	do	8-13-63	7.3	.08	--	4.8	1.0	3.1	.3	12	--	--	--	2.1	--	16	6	--	59	6.4	58
Pu 37	Stratified drift	7- 2-63	11	1.3	.26	12	1.5	4.1	2.1	35	14	--	--	3.6	58	36	8	--	103	6.0	--
								Town of Sterling													
Sg 10	Sterling Granitic Gneiss	5-15-63	--	.07	.00	33	--	9.6	3.6	56	22	--	--	--	204	--	--	--	286	7.4	--
Do	do	8-14-63	16	.05	--	32	7.1	--	--	54	--	--	--	60	--	109	65	--	297	7.1	57
Sg 16	Sterling Granitic Gneiss	5-14-63	--	.41	.44	11	--	5.8	1.2	66	2.4	--	--	--	68	--	--	--	117	7.2	--
Do	do	8-14-63	19	.55	.42	9.6	5.1	--	--	66	--	--	--	.4	--	45	0	--	121	7.2	54
Sg 18	Stratified drift	5-14-63	--	.31	.00	3.2	--	3.8	.5	9	8.1	--	--	--	39	--	--	--	53	6.2	--
Do	do	8-14-63	11	.07	--	3.2	1.0	--	--	10	--	--	--	.4	--	12	0	--	54	6.5	48
Sg 21	Sterling Granitic Gneiss	5-14-63	--	.12	.00	14	--	14	1.2	50	13	--	--	--	79	--	--	--	142	7.4	--
Do	do	8-14-63	16	.15	--	13	.4	--	--	50	--	--	--	.1	--	34	0	--	143	6.9	--
Sg 22 5/	Sterling Granitic Gneiss	2- 7-62	9.3	--	.06	1.4	.7	2.4	.2	2	7.5	2.5	.2	.0	27	7	5	--	33	5.1	--
Sg 43	Till	5-14-63	--	.04	.03	12	--	4.9	.7	24	13	--	--	--	79	--	--	--	117	6.4	--
Do	do	8-14-63	9.1	.08	--	15	1.6	7.2	1.1	22	--	--	--	9.6	--	44	26	--	147	6.3	--
Sg 77	Sterling Granitic Gneiss	5-14-63	--	.03	.00	8.3	--	5.8	.5	31	9.8	--	--	--	66	--	--	--	88	7.0	--
Do	do	8-14-63	19	.04	--	9.8	1.1	--	--	32	--	--	--	3.5	--	29	3	--	99	6.9	57
Sg 92	Sterling Granitic Gneiss	5-14-63	--	.04	.00	5.1	--	3.3	.9	17	5.2	--	--	--	36	--	--	--	50	6.1	--
Do	do	8-13-63	14	.02	--	11	.6	4.8	1.0	42	--	--	--	.9	--	30	0	--	93	6.9	53
								Town of Thompson													
Th 6 5/ 10/	Stratified drift	2- 6-62	11	.25	.02	7.2	1.3	5.6	1.7	15	9.7	7.7	.1	5.1	60	24	11	--	89	6.0	--

2/ Includes the equivalent of 2 ppm of carbonate (CO_3).
5/ Public water supply.
6/ Analysis made by Connecticut State Department of Health.
10/ Sample of chlorinated water.
11/ Sample collected after going thru iron filter.

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

Well or spring number	Water-yielding unit	Date of collection	Parts per million: Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
									Town of Thompson--Continued												
Th 11	Stratified drift	6-21-63	18	0.02	0.00	19	2.1	4.7	3.0	36	5.6	--	--	25	126	56	27	--	156	7.4	--
Th 23 5/ 12/	Quinebaug Fm, lower member	6-12-63	16	.05	.01	15	4.0	7.2	1.2	44	14	8.0	--	11	98	54	18	--	153	7.0	--
Th 24	Tatnic Hill Fm, lower member and/or till	10-16-62	11	.03	.03	17	1.6	4.0	2.3	50	19	2.6	0.1	.2	85	49	8	--	132	7.4	--
Th 29	Stratified drift	6-24-63	--	2.8	.07	20	4.6	13	3.0	36	37	--	--	--	180	69	40	--	231	6.1	--
Th 38	Tatnic Hill Fm, lower member	6-21-63	22	.08	.00	15	2.3	6.6	2.4	38	12	9.4	--	.1	110	47	16	--	132	7.3	--
Th 44	Canterbury Granitic Gneiss	6-24-63	--	.03	.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Do	do	8-13-63	11	.03	--	11	2.1	6.2	.8	20	--	--	--	12	--	36	20	--	129	6.4	--
Th 45	Till	6-25-63	13	.07	.00	14	3.6	6.8	1.9	48	7.9	--	--	2.7	106	50	11	--	147	6.6	--
Th 46	Plainfield Quartz Schist	6-21-63	24	.05	.00	5.0	1.6	5.2	.6	24	10	--	--	.3	57	19	0	--	66	6.4	--
									Town of Voluntown												
Vo 2 13/	Quinebaug Fm, lower member	9- 9-59	--	2.0	3.4	--	--	--	--	--	--	2.0	--	--	194	56	--	--	--	6.8	--
Vo 26	Sterling Granitic Gneiss	4-23-63	--	.06	--	8.0	--	7.5	2.4	40	--	6.5	--	2.3	--	--	--	--	110	6.6	--
Do	do	6-27-63	12	.09	.00	29	7.7	7.0	2.2	4	19	70	--	2.7	233	104	101	--	291	5.2	--
Vo 41	Stratified drift	4- 3-63	--	.06	.01	3.7	2.2	4.4	1.7	17	13	--	--	--	56	18	4	0.0	70	6.6	--
Vo 55	Stratified drift	4- 3-63	--	.00	.00	3.2	--	3.3	.2	4	11	--	--	--	30	--	--	--	41	6.2	44
Do	do	8-14-63	15	.00	--	3.2	.3	3.2	.4	7	--	--	--	.0	--	9	4	--	47	6.3	47
Vo 84	Sterling Granitic Gneiss	4- 3-63	--	.08	.00	5.9	--	4.1	.8	8	10	--	--	--	51	--	--	--	68	6.5	--
Do	do	8-14-63	9.8	.13	--	11	1.6	4.6	.7	21	--	--	--	7.9	--	34	17	--	106	7.2	--
Vo 102	Sterling Granitic Gneiss	4- 3-63	--	.01	.00	3.2	.7	3.1	.4	8	6.9	--	--	--	24	11	5	.0	41	6.3	--
Do	do	8-14-63	7.6	.01	--	2.9	.7	--	--	8	--	--	--	.0	--	10	4	--	41	6.9	57
Vo 109	Stratified drift	4- 3-63	--	.04	.00	5.1	1.1	5.4	.6	29	8.5	--	--	--	42	17	0	.0	63	7.0	--
Do	do	8-14-63	21	.04	--	5.0	1.6	--	--	28	--	--	--	.5	--	19	0	--	72	7.2	54
Vo 115	Till	4- 3-63	--	.18	.10	20	--	3.9	.9	51	13	--	--	--	98	--	--	--	146	6.3	--
Do	do	8-14-63	14	.20	.08	14	1.7	4.6	.7	41	--	--	--	.3	--	42	9	--	114	6.3	58
Vo 119	Sterling Granitic Gneiss	5-14-63	--	.09	.00	3.0	--	3.2	1.4	10	6.7	--	--	--	26	--	--	--	43	6.0	--
Do	do	8-14-63	9.6	.09	--	3.4	.4	--	--	12	--	--	--	3.0	--	10	0	--	59	6.0	53
Vo 133	Stratified drift	6-26-62	7.9	.09	.07	2.4	1.2	3.4	.8	11	4.0	3.4	--	.3	33	11	2	--	42	5.9	--
Vo 134	Stratified drift	6-26-62	8.6	.04	.04	3.2	1.3	4.3	.9	9	5.5	6.2	--	.6	38	14	6	--	52	5.9	--
Vo 141	Stratified drift	6-26-62	8.2	.09	.00	2.1	1.0	2.7	.8	4	7.4	3.0	--	.0	31	9	6	--	40	5.7	--
Vo 145	Quinebaug Fm, lower member	11-24-62	10	.05	.00	2.6	1.0	3.0	.5	10	6.3	3.2	.2	.2	40	10	2	--	49	6.3	--
Vo 8sp	Till	4-23-63	--	.02	--	4.2	--	6.1	.6	30	--	3.2	--	.2	--	--	--	--	61	6.9	44
									Town of Woodstock												
Wk 15	Scotland Schist	5-16-63	--	.03	.03	30	--	6.5	6.1	61	20	--	--	--	183	--	--	--	249	6.7	--
Do	do	8-13-63	15	.03	--	35	2.6	--	--	60	--	--	--	37	--	98	49	--	269	6.9	55
Wk 23	Brimfield Schist	1-16-63	32	3.3	.04	20	2.4	6.4	2.9	72	--	--	--	.0	123	60	1	.0	172	7.1	41
Wk 27	Brimfield Schist	1-16-63	20	.41	.26	60	14	50	3.3	197	--	--	--	1.9	409	210	49	.0	617	7.6	47
Wk 28	Brimfield Schist	7-10-63	31	.09	.18	13	4.3	6.1	1.6	63	15	--	--	.0	104	50	0	--	132	6.5	--
Wk 31	Brimfield Schist	1-16-63	22	3.2	.03	17	.9	3.6	1.5	38	--	--	--	.0	97	46	20	--	126	6.7	46
Wk 41	Hebron Gneiss	7-10-63	13	.04	.00	13	3.3	2.5	1.9	22	13	--	--	.4	82	46	28	--	125	6.0	--
Wk 47	Hebron Gneiss	1-16-63	17	.07	.01	15	2.6	8.2	4.0	32	--	--	--	8.7	100	48	22	--	166	6.4	48
Wk 59	Hebron Gneiss	1-16-63	16	.12	.05	18	3.7	15	3.5	82	--	--	--	.0	133	60	0	--	200	7.3	49
Wk 62	Canterbury Granitic Gneiss	1-16-63	22	.05	.40	24	5.4	17	2.5	105	--	--	--	.0	157	82	0	--	252	7.4	49
Wk 69	Canterbury Granitic Gneiss	1-16-63	24	.07	.01	11	2.6	8.8	.8	50	--	--	--	.0	89	38	0	--	123	7.1	46
Wk 72	Hebron Gneiss	5-16-63	--	.25	.00	12	1.5	7.0	2.0	48	10	--	--	--	72	36	0	.0	113	7.7	--
Do	do	8-13-63	6.9	.33	--	14	.7	--	--	49	--	--	--	.0	--	38	0	--	123	7.0	50
Wk 77	Hebron Gneiss	6-21-63	22	.03	.00	14	2.7	4.2	.9	30	12	--	--	1.6	112	46	22	--	136	6.5	--
Wk 96	Stratified drift	6-21-63	--	.03	.00	30	5.1	3.3	1.6	8	24	--	--	2.5	228	96	90	--	259	5.8	--
Wk 98	Hebron Gneiss	6-21-63	17	.84	.00	21	.9	4.0	.5	36	7.1	20	--	.3	127	56	27	--	163	6.9	--
Wk 99	Stratified drift	6-21-63	18	.04	.08	21	2.1	4.3	3.0	32	11	26	--	3.3	133	61	35	--	181	6.5	--
Wk 109	Stratified drift	6-21-63	10	.03	.00	18	4.1	3.6	1.7	22	24	--	--	4.1	140	62	44	--	172	6.3	--
Wk 110	Stratified drift	6-21-63	14	.22	.03	16	3.4	2.4	.7	13	15	--	--	.2	117	54	44	--	262	5.9	--
Wk 111	Till	6-21-63	13	.14	.00	72	7.7	14	4.2	44	13	--	--	--	434	211	175	--	526	6.5	--
Wk 112	Hebron Gneiss	6-24-63	9.8	.00	.00	37	1.1	6.8	3.5	80	13	20	--	6.6	169	97	32	--	261	7.2	--
Wk 1sp	Till	6-28-63	--	.49	--	24	3.9	6.6	3.4	45	29	14	--	12	--	76	39	--	214	6.5	54

5/ Public water supply.
12/ Sample analyzed may include water from well Th 25 also.
13/ Analysis made by Hall laboratory of Chemistry, Wesleyan University.

Table 6.--Chemical analyses of water from streams, lakes, and reservoirs

Station number	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
U. S. Public Health Service drinking-water standards			(recommended upper limit):		--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
												Massachusetts													
1232.1	Hamilton Reservoir Outlet near Holland	4- 3-62	--	--	0.1	0.10	0.00	2.6	1.2	2.8	0.6	6	6.9	4.5	--	0.0	26	12	7	0.0	0.4	43	5.4	4	40
1234.2	Quinebaug River at Old Sturbridge	4- 3-62	--	--	1.4	.15	.00	3.7	1.4	3.4	.8	6	8.8	5.4	--	.1	34	15	10	.0	.3	54	5.8	2	43
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	67 2/	--	--	64
1235	Quinebaug River at Westville	10-18-54	175	105	8.1	1.1	.00	3.6	1.7	2.6	.6	10	10	3.8	0.2	.6	46	17	9	--	--	49	6.2	65	55
	do	4-28-55	406	244	5.0	.09	.00	3.5	.6	2.7	.4	8	7.6	2.8	.0	.8	--	11	5	--	--	42	6.3	20	--
												Connecticut													
1239.9	Quinebaug River at Quinebaug	11- 8-62	--	--	--	.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	--
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	168	--	--	66
												Massachusetts													
1242.9	Texas Pond at Texas	4- 3-62	--	--	.6	.12	.00	4.1	1.8	5.1	1.4	9	8.8	8.4	--	.1	44	18	10	.0	.4	66	5.5	5	39
1243.5	French River at Hodges Village	4- 3-62	--	--	2.6	.14	.00	5.4	1.9	4.6	1.6	10	11	8.0	--	.2	46	22	14	.0	.4	72	5.6	2	42
1243.9	Little River near Richardson Corners	4- 3-62	--	--	3.3	.11	.00	3.4	.8	4.1	1.4	6	7.3	6.6	--	.0	41	12	7	.0	.5	57	5.7	5	37
1244	Buffumville Reservoir at Buffumville	4- 3-62	--	--	1.7	.16	.00	3.4	1.1	3.6	1.0	6	7.3	5.9	--	.1	35	13	8	.0	.4	52	5.9	2	40
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	73 2/	--	--	62
1245.2	French River at West Oxford	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97 2/	--	--	60
1250	French River at Webster	10-18-54	255	149	5.3	.47	.05	5.7	1.1	5.8	2.0	14	12	5.6	.0	2.9	67	19	8	--	--	75	6.4	33	60
	do	4-28-55	358	209	2.8	.13	.02	5.2	.2	11	1.4	20	13	4.2	.0	1.9	66	14	0	--	--	87 2/	6.5	32	--
	do	9-27-63	187	109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	208	--	--	61
1250.5	French River at Perryville	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	218 2/	--	--	63
												Connecticut													
1240	Quinebaug River at Quinebaug	9-11-52	59	22	5.7	.56	.02	6.8	2.2	19	1.8	28	31	9.8	.3	.3	103	26	3	--	--	138	6.6	10	--
	do	3-27-53	1,100	402	5.2	.34	.00	3.2	.6	3.2	.9	9	9.0	2.5	.0	.5	39	10	3	--	--	46	6.3	32	--
	do	1-17-62	662	240	7.1	.18	.05	5.1	1.4	4.4	1.4	10	12	7.2	.1	1.5	52	19	11	.0	.3	76	5.9	9	33
	do	3-13-62	560	204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	95	6.7	--	37
	do	4- 3-62	1,000	364	5.1	.13	.00	3.8	1.2	3.8	1.0	6	11	6.4	.1	1.3	44	15	10	.0	.4	60	5.7	17	41
	do	5-28-62	107	39	1.4	.58	.00	5.0	1.7	5.0	1.1	12	9.7	8.1	.1	2.5	49	20	10	.1	.3	75	6.1	22	63
	do	6- 6-62	235	86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	90	6.9	--	--
	do	7- 3-62	39	14	--	1.2	--	6.0	1.7	6.8	1.3	16	11	10	--	3.8	58	22	9	.1	.4	95	6.1	--	66
	do	7-31-62	33	12	4.1	.98	--	9.6	1.9	14	2.2	18	22	16	--	5.9	92	32	17	.3	.8	158	6.0	--	69
	do	8-28-62	29	11	4.8	.98	.18	8.3	2.1	14	2.2	22	19	15	--	3.7	86	29	11	.4	.6	148	6.2	--	71
	do	10- 3-62	85	31	5.2	.67	.03	8.9	2.2	10	1.8	14	21	15	--	3.1	84	31	20	.3	.7	138	6.8	--	56
	do	11- 8-62	179	65	--	.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	41
	do	9-27-63	28	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	170	--	--	64
1241.1	Shunway Brook near North Grosvenor Dale	12- 4-62	--	--	--	.05	--	3.5	--	3.7	.6	10	--	--	--	.2	--	12	4	--	--	51	6.2	--	35

1/ Recommended control limits: lower - 0.8 ppm, optimum - 1.0 ppm.
2/ Field specific conductance.

Table 6.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station number	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
					Connecticut--Continued																				
1241.3	Quinebaug River near Grosvenor Dale	4- 3-62	1,170	386	5.3	0.16	0.01	4.0	1.2	3.8	1.0	6	10	6.0	0.1	1.0	43	15	10	0.0	0.4	60	5.9	22	41
	do	5-28-62	120	40	.8	.75	.00	4.9	1.6	5.0	1.1	11	12	7.6	.1	2.0	50	19	10	.1	.4	75	6.2	21	62
	do	7- 3-62	41	14	--	.87	--	6.0	1.7	6.8	1.3	15	10	10	--	3.6	58	22	10	.2	.6	94	6.1	--	67
	do	7-31-62	21	6.9	3.6	.82	.10	8.2	1.3	9.9	2.2	18	15	14	--	3.4	69	26	11	.3	.8	124	6.1	--	71
	do	8-28-62	27	8.9	4.4	.54	.10	8.2	2.1	12	2.0	26	14	15	--	2.9	77	29	8	.3	.6	132	6.5	--	71
	do	10- 3-62	67	22	5.0	.64	.03	9.4	2.1	12	2.1	18	21	15	--	2.5	89	32	17	.3	.7	148	6.7	--	54
	do	11- 8-62	--	--	--	.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	42
	do	9-27-63	25	8.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	155	--	--	58
1241.51	Quinebaug River below W. Thompson Reservoir	11- 8-62	--	--	--	.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	42
		9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	152	--	--	58
1250.55	French River at Wilsonville	7- 3-62	--	--	--	.79	--	7.2	1.0	42	2.8	86	19	12		8.6	148	22	0	.6	.8	249	6.5	--	69
	do	7-31-62	--	--	5.6	.47	.01	7.2	1.7	61	3.6	127	23	16	--	15	214	25	0	.6	.8	349	7.3	24	71
	do	10- 3-62	--	--	4.4	.35	.06	7.9	1.1	30	3.0	42	31	14	--	8.6	139	24	0	.2	.9	220	6.8	--	59
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	220 2/	--	--	60
1251 3/	French River at North Grosvenor Dale	5-15-62	191	99	2.4	.36	.06	5.6	2.3	20	2.0	55	12	9.5	--	.7	92	24	0	.1	.5	138	6.7	21	57
1251.5	French River at Mechanicsville	3-13-62	395	200	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	4	127	6.8	--	38
	do	4- 3-62	727	367	4.3	.15	.00	3.8	1.2	7.0	1.4	13	9.7	6.1	.1	2.4	48	15	4	.1	.6	72	6.3	18	45
	do	5-28-62	135	68	3.0	.50	.00	5.5	1.2	28	2.2	57	16	11	.2	2.2	109	19	0	.2	.3	179	6.4	27	67
	do	6- 6-62	170	86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	166	7.0	--	--
	do	7- 3-62	10	5.0	--	.70	--	6.9	.7	41	2.3	86	18	12	--	7.5	142	20	0	.1	.8	233	6.7	--	68
	do	7-31-62	15	7.6	5.3	.36	.03	7.2	1.5	60	3.3	126	28	16	--	7.3	204	24	0	.5	.7	336	6.1	--	71
	do	8-28-62	21	11	5.5	.38	.13	6.6	1.1	55	3.4	116	25	14	--	7.5	185	21	0	.5	.7	297	6.8	21	71
	do	10- 3-62	33	17	3.9	.34	.06	6.2	1.3	45	3.0	85	31	14	--	5.1	158	21	0	.3	.9	257	7.2	--	56
	do	11- 8-62	--	--	--	.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	43
	do	9-27-63	40	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	220	--	--	58
1252	Quinebaug River at Putnam	1-17-62	1,500	256	8.8	.13	.08	5.6	1.5	6.3	1.4	10	13	7.6	.1	2.2	62	20	12	.1	.0	92	5.9	14	32
	do	3-13-62	618	105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	108	6.7	--	37
	do	6- 6-62	421	72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.6	115	6.5	--	--
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	215	--	--	60
1253	English Neighborhood Brook at North Woodstock	9-25-61	1.90	24	11	.40	--	8.2	2.4	3.8	2.1	28	14	2.7	--	1.7	--	31	8	--	--	91	6.2	60	66
		4- 3-62	29.6	378	3.9	.11	--	3.6	1.4	3.0	1.5	17	6.5	3.0	--	.6	--	15	1	--	--	58	6.2	--	--
	do	9-27-63	.035	.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	115	--	--	52
1254	Muddy Brook at East Woodstock	9-25-61	2.99	13	11	.42	--	11	1.9	4.1	2.7	16	29	4.3	--	2.2	--	36	23	--	--	104	6.4	25	69
	do	4- 3-62	72.9	314	14	.07	--	4.2	1.8	4.1	1.5	17	7.7	3.5	--	.5	--	18	4	--	--	71	6.4	54	--
	do	9-27-63	.43	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--	56
1254.05	Peckham Brook near East Woodstock	6-28-63	--	--	--	--	--	24	2.0	6.6	3.3	42	22	12	--	16	--	68	34	--	--	189	7.1	--	66
1254.1	Peckham Brook, at East Woodstock	4- 3-62	3.59	188	13	.04	--	14	2.4	5.3	3.0	32	14	8.8	--	7.6	--	45	19	--	--	152	6.6	--	--
	do	12- 5-62	--	--	--	.03	--	16	--	5.4	2.8	38	--	--	--	8.1	--	50	19	--	--	151	7.0	--	42
	do	6-28-63	--	--	--	--	--	19	1.1	6.0	2.9	37	18	9.8	--	8.2	--	52	22	--	--	148	7.0	--	63
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	140	--	--	52
1254.15	Muddy Brook near Woodstock	6-28-63	--	--	--	.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	92
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	112	--	--	52
1254.29	Wappaquasset Pond near South Woodstock	9-25-61	.51	--	1.8	.19	--	3.5	1.1	2.8	1.8	15	5.3	2.4	--	2.7	--	13	1	--	--	57	6.0	5	68
		4- 4-62	7.92	--	5.3	.09	--	5.4	1.6	3.1	1.6	14	6.5	4.1	--	1.2	--	20	9	--	--	61	6.2	--	--
	do	12- 5-62	--	--	--	.03	--	5.0	--	3.1	1.6	12	--	--	--	.2	--	16	6	--	--	64	6.3	--	40
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50	--	--	59
1254.4	Mill Brook at South Woodstock	9-20-61	1.42	16	7.3	.42	--	5.6	.9	4.7	2.5	21	8.7	4.3	--	1.4	--	18	1	--	--	80	6.5	7	65
	do	4- 4-62	31.2	352	16	.06	--	5.0	1.8	5.5	1.5	21	5.7	4.9	--	1.6	--	20	3	--	--	82	6.4	--	--
	do	12- 5-62	--	--	--	--	--	6.4	--	4.6	1.4	14	--	--	--	.4	--	20	9	--	--	74	6.6	--	39
	do	9-27-63	2.2	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50	--	--	58
1254.5	Roseland Lake at South Woodstock	6-28-63	--	--	--	.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	82
		9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80	--	--	62
1254.55	Little River at South Woodstock	6-28-63	--	--	--	.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	79
		9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	76	--	--	59
1254.9	Little River at Harrisville	9-20-61	3.78	6.7	14	.16	--	8.6	1.2	5.4	2.7	29	9.6	3.9	--	1.5	--	27	3	--	--	102	6.7	3	67
	do	2- 6-62	55	97	8.7	.11	.00	6.6	1.6	4.0	1.8	15	11	6.0	.1	2.0	55	23	11	.0	.0	80	6.8	7	34
	do	9-27-63	16	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	78	--	--	58

2/ Field specific conductance.
3/ Spectrogr[illegible] analysis in Table 7.

Table 6.--Chemical analyses of water [illegible] streams, lakes, and reservoirs--Continued

Station number	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
					Connecticut--Continued																				
1254.99	Little River at Putnam	10- 2-57	--	--	8.3	0.04	0.00	10	1.5	5.2	2.4	28	11	5.9	0.1	1.7	65	31	8	--	--	102	6.7	3	51
	do	1- 7-58	--	--	8.7	.14	.00	8.5	1.3	3.1	1.6	8	20	5.8	.2	1.4	64	27	20	--	--	86	6.3	20	35
	do	4-10-58	--	--	5.0	.06	.00	5.6	.8	2.5	1.2	7	12	3.6	.1	.9	40	18	12	--	--	54	5.9	12	48
	do	7- 9-58	--	--	4.9	.19	.03	8.6	1.4	3.8	1.7	22	11	5.1	.1	.7	57	28	10	--	--	79	7.0	10	75
	do	3-13-62	242	430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	86	6.5	--	35
	do	4- 3-62	336	595	5.3	.07	.00	5.6	1.0	2.6	1.5	13	9	3.3	.1	1.6	44	18	8	.0	.4	60	6.2	25	45
	do	5-15-62	49	87	4.8	.19	.00	6.2	2.6	3.5	1.5	16	13	4.2	--	1.1	50	26	13	.0	.8	71	6.5	14	56
3/	do	5-28-62	17	30	5.0	.17	.00	6.6	1.3	3.8	1.5	18	10	4.5	.1	1.6	50	22	7	.0	.3	75	6.7	22	64
	do	6- 6-62	34	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.4	79	6.6	--	--
	do	7- 3-62	7.6	13	--	.17	--	7.3	1.5	4.1	1.5	23	8.7	5.4	--	1.6	53	24	5	.0	.3	80	6.9	--	67
	do	7-31-62	3.3	5.8	3.9	.08	.00	8.6	1.3	4.4	1.8	27	10	5.8	--	1.4	52	27	5	.0	.3	89	6.8	--	68
	do	8-28-62	4.1	7.3	5.0	.11	.00	8.1	1.5	4.4	1.8	26	10	5.8	--	1.5	57	26	5	.0	.4	90	6.8	--	68
	do	10- 3-62	11	19	4.0	.12	.00	8.2	1.6	4.2	2.1	25	11	5.5	--	.7	54	27	7	.0	.4	88 2/	7.2	--	53
	do	9-27-63	16	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	56 2/	--	--	57
1255	Quinebaug River at Putnam	10- 5-54	398	68	7.3	.86	.02	5.0	1.2	8.3	1.7	20	9.2	6.5	.1	2.3	71	18	2	--	--	87	7.5	42	--
	do	4-27-55	1,190	202	3.8	.24	.02	4.4	.8	4.9	1.1	11	9.0	4.5	.0	1.8	42	16	7	--	--	67	6.2	30	--
	do	9-28-59	58	9.8	6.5	.12	.04	7.7	1.3	18	2.7	30	21	2	.1	4.4	94	25	0	--	--	155	6.5	10	74
	do	4- 6-60	3,390	576	--	.16	--	--	--	--	--	8	--	--	--	--	--	18	--	--	--	56	6.1	--	45
	do	4- 3-62	2,350	400	5.0	.09	.00	4.0	1.4	3.7	1.2	9	11	4.5	.1	1.4	44	16	9	.0	.3	60	5.9	26	44
	do	5-28-62	282	48	2.6	.34	.00	5.8	1.4	12	1.5	27	12	8.6	.1	3.0	68	21	0	.1	.4	111	6.5	26	66
	do	7- 3-62	76	13	--	.62	--	6.3	1.3	14	1.7	32	12	10	--	3.3	75	21	0	.1	.7	119	6.5	--	73
	do	7-31-62	54	9.2	4.5	.55	.04	7.4	1.3	36	2.7	69	20	16	--	6.7	136	24	0	.3	.7	228	6.5	--	75
	do	8-28-62	34	5.8	4.8	.31	.03	7.6	1.7	31	2.5	63	21	14	--	5.2	129	26	0	.3	.6	208	6.6	19	74
	do	10- 3-62	115	20	4.1	.50	.01	8.0	1.5	20	2.3	44	17	13	--	2.9	100	26	0	.1	.7	163 2/	7.2	--	57
	do	9-27-63	93	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	167 2/	--	--	58
1255.01	Quinebaug River at Putnam	11- 8-62	421	72	--	.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	110	6.3	--	41
1256	Moshamoquet Brook at Abington	9-27-61	8.19	39	11	.48	--	3.4	1.6	3.2	1.4	13	10	2.1	--	1.7	--	15	5	--	--	55	6.1	35	63
	do	4- 4-62	46.2	220	24	.07	--	4.0	1.9	6.3	1.0	25	6.1	3.0	--	.3	--	18	[illegible]	--	--	80	6.8	--	--
	do	12- 5-62	15	71	--	.04	--	3.5	.9	3.4	.7	14	--	--	--	1.0	--	12	1	--	--	49	6.4	--	40
	do	4-30-63	18	86	--	.15	--	8.0	--	2.6	.7	7	8.3	--	--	--	24	--	--	--	--	37 2/	6.6	--	--
	do	9-27-63	.49	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51 2/	--	--	52
1256.2	Moshamoquet Brook at Pomfret	12- 5-62	--	--	--	.05	--	4.0	.5	2.2	.6	10	--	--	--	.1	--	12	4	--	--	53	6.2	--	42
1256.5	Wappaquia Brook near Pomfret	9-26-61	3.40	47	10	.26	--	8.2	2.1	5.7	3.9	24	15	7.2	--	1.9	--	29	10	--	--	110	6.5	25	72
	do	4- 4-62	16.9	235	9.7	.13	--	6.5	1.4	5.4	2.0	16	10	8.1	--	1.2	--	22	9	--	--	91	6.2	--	--
	do	12- 5-62	--	--	--	.05	--	8.0	1.5	5.6	2.2	20	--	--	--	1.9	--	26	10	--	--	98 2/	7.6	--	42
	do	9-27-63	.25	3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	145 2/	--	--	51
1257	Moshamoquet Brook at Pomfret Landing	9-27-61	23.9	49	9.8	.30	--	7.2	1.5	3.9	2.2	20	12	4.9	--	1.9	--	24	8	--	--	79	6.2	23	62
	do	4- 4-62	127	260	13.0	.06	--	4.4	1.4	4.7	1.3	16	8.5	5.0	--	.3	--	17	4	--	--	69	6.4	--	--
	do	12- 5-62	--	--	--	.05	--	5.6	1.5	4.5	1.4	14	--	--	--	1.2	--	20	9	--	--	72 2/	6.5	--	41
	do	9-27-63	1.4	2.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	132 2/	--	--	53
1257.2	Quinebaug River at Rogers	4- 3-62	2,680	408	5.0	.10	.01	4.0	1.3	4.4	1.2	8	10	5.8	.1	1.6	45	16	9	.0	.4	63	6.0	22	44
3/	do	5-15-62	577	88	3.2	.44	.04	5.7	1.5	9.6	1.5	20	13	7.9	--	2.8	66	20	4	.0	.7	95	6.6	18	56
	do	5-28-62	310	47	1.1	.65	.00	5.9	1.4	13	1.5	28	13	8.9	.2	3.3	65	21	0	.1	.4	115	6.5	24	64
	do	6- 6-62	480	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.4	126	6.7	--	--
	do	7- 3-62	75	11	--	.58	--	6.5	1.5	13	1.7	28	14	10	--	3.6	73	22	0	.1	.7	119	6.5	--	70
	do	7-31-62	50	7.6	5.0	.63	.20	7.6	1.7	31	2.6	67	20	13	--	6.5	126	26	0	.1	.6	202	6.6	--	74
	do	8-28-62	34	25	4.2	.45	.03	7.9	1.8	25	2.5	52	20	12	--	4.7	113	27	0	.3	.5	184	6.7	--	75
	do	10- 3-62	140	21	4.5	.47	.01	8.0	1.5	20	2.4	42	17	12	--	3.9	100	26	0	.1	.8	161	7.0	--	58
	do	11- 8-62	--	--	--	.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	41
	do	9-27-63	135	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	190 2/	--	--	60
1257.29	Alexander Lake near Rogers	6-28-63	--	--	--	.03	--	6.6	1.3	3.7	1.9	4	11	12	--	.1	--	22	19	--	--	91	5.5	--	84
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42 2/	--	--	64
1257.3	Goodyear Brook near Rogers	9-26-61	.201	--	11	.42	--	3.5	1.4	4.2	1.2	16	7.5	2.1	--	1.3	--	15	2	--	--	60	6.3	3	70
	do	4- 4-62	.403	--	5.8	.10	--	3.4	.8	3.3	.9	9	7.5	3.1	--	.4	--	12	5	--	--	53	6.1	--	--
	do	6-28-63	--	--	--	.03	--	9.9	2.3	2.6	1.2	3	10	21	--	1.0	--	34	32	--	--	117 2/	5.4	--	77
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	59 2/	--	--	57
1257.4	Danielson Mill Pond at Danielson	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.3	--	164	6.9	--	58
1257.5	Little Pond near East Thompson	6-28-63	--	--	--	.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	--
	do	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	78 2/	--	--	62
1257.51	Little Pond Outlet near East Thompson	6-28-63	--	--	--	.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	75
		9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80 2/	--	--	58

2/ Field specific conductance.
3/ Spectrographic analysis in Table 7.

Table 6.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station number	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
					Connecticut--Continued																				
1257.7	Five Mile River at East Thompson	9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40 2/	--	--	59
1258	Five Mile River near East Thompson	9-20-61	1.58	8.9	10	0.91	--	3.8	0.8	2.8	1.1	15	4.5	2.2	--	1.3	--	13	1	--	--	49	6.0	21	63
		4- 5-62	61.4	344	5.5	.07	--	1.8	.5	2.3	.7	4	6.3	1.8	--	.3	--	7	3	--	--	32	6.5	--	--
	do	6-28-63	--	--	--	.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	71
	do	9-27-63	1.0	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	45 2/	--	--	54
1258.2	Quaddick Reservoir near Quaddick	6-28-63	--	--	--	.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	75
		9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	60
1258.3	Quaddick Reservoir near Quaddick	6-28-63	--	--	--	.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	76
		9-27-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	60
1258.5	Five Mile River at Quaddick	9-26-61	53.8	128	2.0	.24	--	4.0	.8	2.3	.6	8	7.4	1.3	--	1.4	--	14	7	--	--	38	5.9	7	70
	do	4- 5-62	166	395	7.1	.06	--	3.2	1.2	2.9	.6	9	6.3	3.2	--	.1	--	13	6	--	--	48	6.1	--	--
	do	6-28-63	--	--	--	.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	76
	do	9-27-63	1.2	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	60
1258.8	Mary Brown Brook at East Putnam	9-20-61	28.7	165	4.5	.41	--	3.5	.5	3.4	.6	6	5.0	4.1	--	1.3	--	11	6	--	--	43	5.8	13	66
		4- 5-62	53.4	308	7.8	.08	--	2.5	1.1	3.7	.6	8	5.7	4.3	--	.1	--	11	4	--	--	53	6.0	--	--
	do	9-27-63	.6	3.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	54
1259	Cady Brook at East Putnam	9-26-61	32.8	200	9.0	.46	--	2.1	1.6	2.5	.5	7	6.1	2.1	--	1.3	--	12	6	--	--	45	5.7	27	67
	do	4- 5-62	40.2	240	3.4	.13	--	2.3	.9	2.7	.6	6	6.3	2.2	--	.1	--	9	4	--	--	38	6.0	--	--
	do	9-27-63	1.9	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	46 2/	--	--	58
1259.95	Five Mile River at Dayville	5- 4-56	188	180	3.9	.14	0.00	2.5	1.0	2.0	.6	7	6.1	2.6	0.1	.3	2.6	10	5	--	--	36	6.3	7	55
	do	9-26-63	20	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	73 2/	--	--	57
1260	Five Mile River at Killingly	9-26-61	170	162	4.9	.32	--	2.6	1.2	2.7	.8	7	6.6	2.0	--	1.3	--	12	6	--	--	44	5.7	25	70
1260.2	Killingly Pond Outlet at East Killingly	9-26-61	1.46	--	8.7	.12	--	1.8	1.2	2.2	.4	6	7.3	1.5	--	.7	--	10	5	--	--	38	5.4	18	67
		4- 5-62	2.97	--	5.8	.06	--	2.4	.3	2.3	.5	4	5.5	2.2	--	.0	--	7	4	--	--	38	5.4	--	--
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	60
1260.4	Bog Meadow Reservoir Outlet at East Killingly	9-26-61	29.4	--	5.7	.13	--	1.8	1.5	3.0	.4	8	6.5	2.8	--	.7	--	11	4	--	--	45	5.8	15	73
		4- 5-62	26.2	--	.5	.06	--	2.0	.6	2.7	.6	5	4.4	3.1	--	.0	--	8	4	--	--	35	5.2	--	--
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	64
1260.95	4/Crystal Pond Outlet near 5/ Elmville	2- 7-62	--	--	6.5	.25	.00	4.9	.8	2.7	1.0	13	6.0	3.0	.1	2.9	38	16	5	--	0.3	54	6.6	4	34
1261	Whetstone Brook at Elmville	9-26-61	51.3	220	9.9	.28	--	3.5	2.3	5.2	1.0	16	9.4	3.3	--	1.5	--	18	5	--	--	64	6.2	23	70
	do	4- 4-62	59.3	254	5.5	.05	--	3.4	1.2	4.7	1.0	12	6.5	4.0	--	.3	--	14	4	--	--	57	7.1	--	47
	do	9-26-63	3.7	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	61 2/	--	--	59
1261.09	Five Mile River at Danielson	3-13-62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	48	6.5	--	35
	do	4- 3-62	652	480	4.7	.10	.00	2.2	.8	2.4	.6	5	6.7	3.0	.1	.7	32	9	5	0.0	.4	37	5.7	20	45
	do	5-28-62	130	95	3.3	.18	.00	3.4	1.1	3.5	.7	8	9.8	3.0	.2	1.5	35	13	7	.0	.2	49	6.1	21	66
	do	6- 6-62	140	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.4	52	6.2	--	--
	do	7- 3-62	140	100	--	.30	--	4.9	.7	4.4	.7	14	8.2	4.7	--	2.2	43	15	4	.0	.3	62	6.4	--	67
	do	7-31-62	80	59	4.5	.34	.00	4.8	1.0	7.6	.9	18	9.5	5.6	--	2.9	48	16	1	.1	.3	77	6.9	--	70
	do	8-28-62	34	25	2.9	.26	.00	4.2	.9	5.0	.8	12	9.7	4.2	--	2.0	44	14	4	.0	.4	62	6.4	--	73
	do	10- 3-62	46	34	3.9	.20	.00	4.1	1.0	5.2	.9	11	10	4.4	--	1.8	43	14	5	.0	.4	62	6.9	--	57
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100 2/	--	--	56
1261.11	3/Five Mile River at Danielson	5-15-62	105	75	3.4	.38	.04	4.1	1.3	7.8	.9	13	12	5.8	--	1.3	52	16	5	.0	.4	74	6.7	18	58
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.3	--	85	6.9	--	60
1261.12	Quinebaug River at Danielson	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.3	--	162	6.6	--	--
1261.2	Quinebaug Pond near Danielson	4-23-63	--	--	--	.01	--	4.8	--	5.7	.8	14	--	--	--	.4	--	--	--	--	--	71	7.3	--	53
	do	6-27-63	--	--	--	.01	--	5.0	1.1	5.8	1.2	9	7.6	12	--	.9	--	17	10	--	--	71	6.3	--	76
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	67 2/	--	--	63
1261.21	Quinebaug Pond Swamp near Danielson	4-23-63	--	--	--	.18	--	5.0	--	7.2	1.9	37	--	--	--	46	--	--	--	--	--	94	6.1	--	48
		6-27-63	--	--	--	.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80
1261.22	James Brook near Danielson	4-23-63	--	--	--	.03	--	12	--	14	4.0	26	--	--	--	1.1	--	--	--	--	--	189	8.0	--	52
	do	6-27-63	--	--	--	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	75

2/ Field specific conductance.
3/ Spectrographic analysis in Table 7.
4/ Water from Chase Reservoir is pumped into Hygola Reservoir; analysis is thus for a mixed water sample.
5/ Public water supply.

Table 6.--Chemical analyses of water streams, lakes, and reservoirs--Continued

Station number	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
					Connecticut--Continued																				
1261.23	Quandock Brook near Danielson	4-23-63	--	--	--	0.11	--	9.8	--	10	1.6	22	--	--	--	0.5	--	--	--	--	--	133	7.2	--	46
	do	6-27-63	--	--	--	.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	68
1261.25	Quinebaug River at Wauregan	4- 3-62	3,560	422	5.0	.11	0.00	3.8	1.2	3.8	1.1	7	9.5	4.9	0.1	1.7	42	15	9	0.0	0.4	58	5.9	21	46
	do	5-28-62	400	47	1.3	.53	.00	5.6	1.2	10	1.5	22	12	7.8	.1	2.9	60	19	1	.1	.4	98	6.4	23	69
	do	7- 3-62	160	19	--	.44	--	6.2	1.1	9.5	1.4	23	11	8.6	--	2.7	62	20	1	.1	.9	98	6.4	--	78
	do	7-31-62	100	12	--	.49	.03	--	--	--	--	--	--	--	--	--	--	--	--	.3	10	144	--	--	75
	do	8-28-62	110	13	4.6	.58	.01	7.3	1.7	19	2.1	39	17	12	--	2.9	90	25	0	.2	.7	146	6.6	--	76
	do	10- 3-62	155	18	4.2	.39	.01	6.6	1.1	18	2.1	37	16	10	--	4.0	91	21	0	.1	.5	141	7.2	--	60
	do	11- 8-62	--	--	--	.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--2/	--	--	41
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	175 2/	--	--	60
1262.5	Moosup River at Sterling	9-27-61	201	10	12	.60	--	2.6	1.6	3.5	.8	12	6.6	3.1	--	.9	--	13	3	--	--	56	6.1	50	66
	do	4- 6-62	170	192	5.7	.07	--	2.7	1.0	3.2	1.0	8	6.3	3.7	--	.5	--	11	4	--	--	52 2/	5.7	--	47
	do	9-26-63	13	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	52 2/	--	--	59
1263	Quaduck Brook at North Sterling	9-27-61	27.8	172	11	.39	--	3.7	2.8	3.2	.7	9	14	3.7	--	.9	--	21	13	--	--	56	5.9	25	68
		4-30-62	10.0	62	.5	.16	--	2.4	1.4	4.5	1.0	8	6.6	5.3	--	.1	--	12	6	--	--	62 2/	5.8	--	59
	do	9-26-63	.40	2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	65 2/	--	--	58
1263.5	Quaduck Brook near Sterling	9-27-61	54.5	144	7.9	.24	--	2.7	2.2	2.6	.7	5	10	3.2	--	.7	--	--	--	--	--	45	5.6	23	65
	do	4- 6-62	50	132	2.2	.05	--	1.6	1.3	3.0	.8	6	6.2	2.8	--	.2	--	10	5	--	--	55 2/	5.7	--	44
	do	9-26-63	3.1	8.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	54 2/	--	--	56
1264	Snake Meadow Brook near Almyville	9-27-61	16.5	128	9.9	.25	--	5.3	3.5	3.9	1.0	16	11	6.3	--	1.1	--	28	15	--	--	76	6.0	29	61
		4- 6-62	25	193	5.7	.06	--	4.8	1.4	4.1	.9	10	7.3	8.0	--	.1	--	18	5	--	--	67 2/	6.1	--	49
	do	9-26-63	1.4	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	72 2/	--	--	60
1264.49	Moosup Pond near Almyville	9-27-61	2.16	--	5.7	.16	--	4.0	1.9	3.3	.8	16	8.4	3.0	--	.7	--	18	5	--	--	65	6.4	3	68
	do	4- 6-62	4.0	--	7.0	.04	--	4.7	1.2	3.1	1.0	15	5.8	3.1	--	.4	--	17	4	--	--	62	6 4	--	53
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	55 2/	-	--	67
1264.51	Moosup Pond Brook near Almyville	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81 2/	--	--	59
1265	Moosup River at Moosup	10- 5-54	109	68	8.7	.56	.00	2.7	1.1	3.3	1.0	10	4.1	3.2	.2	1.1	--	12	3	--	--	53	6.8	43	--
	do	4-27-55	306	191	2.8	.07	.01	2.4	.6	2.8	1.0	7	5.2	3.2	.1	1.8	32	10	4	--	--	44	6.2	40	--
	do	5- 4-56	231	144	4.2	.16	.00	2.7	1.6	2.4	.6	8	7.3	3.2	.1	.6	29	13	7	--	--	40	6.2	17	53
	do	9-27-61	325	202	8.4	.55	--	3.2	1.4	3.3	1.5	7	7.3	3.1	--	3.5	--	14	9	--	--	46	5.5	45	68
	do	4-30-62	180	112	5.1	.14	--	4.0	1.5	4.9	1.2	15	6.3	5.2	--	.6	--	16	4	--	--	67	6.2	--	61
	do	9-26-63	6.9	4.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	68 2/	--	--	63
1265.05 3/	Moosup River at Central Village	5-15-62	121	73	4.1	.20	.01	3.2	1.6	3.5	1.3	8	7.6	4.2	--	.9	35	15	8	.0	.4	48	6.0	11	58
1265.1	Moosup River near Central Village	3-14-62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	42	6.1	--	34
		4- 3-62	675	396	4.3	.12	.00	2.5	1.0	2.9	.8	4	6.7	4.1	.1	.8	36	10	7	.0	.4	42	5.7	24	48
	do	5-28-62	61	36	4.5	.36	.00	3.4	1.1	3.7	.8	9	7.0	4.6	.2	1.6	36	13	6	.0	.2	50	6.2	21	67
	do	6- 6-62	73	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.4	55	6.0	--	--
	do	7- 3-62	83	49	--	.36	--	3.3	1.0	3.7	1.4	10	6.9	5.0	--	1.0	34	12	4	.0	.4	51	6.3	--	72
	do	7-31-62	22	13	3.0	.40	.00	4.2	.9	4.7	2.1	15	6.5	5.6	--	2.1	38	14	2	.0	.2	66	6.4	--	71
	do	8-28-62	11	6.5	4.3	.28	.00	5.8	.9	5.3	2.0	16	9.7	6.5	--	3.0	48	18	5	.1	.4	80	6.5	--	73
	do	10- 3-62	80	47	5.2	.33	.00	4.8	1.0	5.1	2.1	14	7.9	5.9	--	1.7	46	16	5	.1	.4	71	6.9	--	56
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	83 2/	--	--	59
1265.2	Sugar Brook near Central Village	8-27-62	--	--	--	--	--	5.9	1.8	4.1	2.0	26	--	--	--	--	--	22	1	--	--	70	7.3	--	72
1265.25	Sugar Brook near Central Village	8-27-62	--	--	--	--	--	6.1	1.7	3.9	1.9	24	--	--	--	--	--	22	3	--	--	70	7.5	--	68
1265.3	Sugar Brook near Central Village	8-27-62	--	--	--	--	--	7.2	1.9	4.4	1.9	29 6/	--	--	--	--	--	26	3	--	--	75	8.4	--	67
1265.5	Blackwell Brook near Abington	12- 5-62	--	--	--	.06	--	3.7	.7	3.4	.9	9	--	--	--	--	--	12	5	--	--	52	6.4	--	42
1265.7	Blackwell Brook near Brooklyn	12- 5-62	--	--	--	.10	--	3.5	.9	3.2	.8	8	--	--	--	--	--	12	6	--	--	52	6.1	--	38
1265.9	Blackwell Brook at Brooklyn	12- 5-62	--	--	--	.05	--	5.6	.5	4.5	1.0	17	--	--	--	.4	--	16	2	--	--	66	6.6	--	39
1265.95	Blackwell Brook at Brooklyn	8-27-62	--	--	--	--	--	5.6	1.2	4.5	1.5	20	--	--	--	--	--	19	3	--	--	70	6.9	--	71

2/ Field specific conductance.
3/ Spectrographic analysis in Table 7.
6/ Includes the equivalent of 1 ppm of carbonate (CO_3).

Table 6.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station number	Stream, lake, or reservoir and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
					Connecticut--Continued																				
1266	Blackwell Brook near Brooklyn	9-28-61	9.25	25	12	0.38	--	5.4	2.7	3.8	2.0	14	14	3.9	--	1.4	--	25	13	--	--	80	6.1	50	59
	do	3-13-62	680	1,770	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	55	6.4	--	34
	do	4- 4-62	78.9	210	3.8	.07	--	3.2	1.4	3.1	1.2	9	6.3	3.4	--	.3	--	14	7	--	--	50	6.0	--	43
	do	6- 6-62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.6	61	6.3	--	--
	do	8-27-62	--	--	--	--	--	7.2	1.7	4.6	1.9	24	--	--	--	--	--	25	6	--	--	85	6.8	--	71
	do	9-26-63	.80	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100 2/	--	--	54
1266.1	Blackwell Brook near Brooklyn	8-27-62	--	--	--	--	--	8.1	2.9	5.0	2.2	28	--	--	--	--	--	32	9	--	--	100	7.2	--	68
1266.15	Blackwell Brook near Wauregan	8-27-62	--	--	--	--	--	9.4	2.1	4.8	2.4	28	--	--	--	--	--	32	9	--	--	100	7.2	--	65
1266.24	Blackwell Brook near Wauregan	8-27-62	--	--	--	--	--	9.2	2.2	4.7	2.4	28	--	--	--	--	--	32	9	--	--	97	7.2	--	66
1266.25	Blackwell Brook near Wauregan	8-27-62	--	--	--	--	--	9.0	2.3	4.5	2.4	26	--	--	--	--	--	32	11	--	--	96	7.1	--	65
1266.35 5/	Stone Hill Reservoir near Plainfield	2- 8-62	--	--	5.2	.06	0.01	2.1	1.4	2.6	.2	4	7.8	2.8	0.2	0.1	28	11	8	0.0	.2	37	5.6	2	--
1266.5	Mill Brook at Packer	9-28-61	14.9	61	11	.58	--	6.7	2.9	4.7	1.5	16	10	5.9	--	2.6	--	29	16	--	--	86	5.9	60	65
	do	4- 6-62	43	176	1.7	.09	--	5.4	2.1	4.7	1.1	16	7.0	7.2	--	.2	--	22	9	--	--	82	6.1	--	50
	do	9-26-63	2.3	9.4	--	--	--	--	--	--	--	--	--	13	--	.3	--	42	--	.3	--	159	6.7	--	65
1267	Kitt Brook near Canterbury	9-28-61	5.46	28	12	.54	--	3.7	2.1	3.5	1.6	12	10	3.1	--	1.0	--	18	8	--	--	65	6.0	60	61
	do	4- 4-62	52	268	2.5	.11	--	3.2	1.7	3.4	1.2	13	6.3	3.8	--	.1	--	15	5	--	--	47 2/	6.8	--	47
	do	9-26-63	.80	4.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94 2/	--	--	54
1267.2	Quinebaug River near Packer	3-14-62	4,200	370	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3	87	6.4	--	35
	do	4- 3-62	4,820	425	4.9	.14	.01	3.2	1.0	3.5	1.0	6	9.3	4.8	.1	1.6	41	12	7	.0	1	54	5.8	25	46
3/	do	5-15-62	1,200	106	2.4	.39	.03	5.1	1.2	7.5	1.3	18	11	6.2	--	.3	53	18	3	.2	.5	84	6.4	15	58
	do	5-28-62	720	64	1.6	.49	.00	5.6	1.4	8.7	1.5	20	11	7.0	.2	2.5	50	20	4	.1	.4	91	6.4	22	67
	do	6- 6-62	790	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.5	97	6.5	--	--
	do	7- 3-62	240	21	--	.37	--	5.6	1.2	9.2	1.2	24	9.9	7.2	--	2.1	62	19	0	.1	.8	92	6.4	--	75
	do	7-31-62	130	11	3.3	.43	.02	6.7	1.3	13	2.0	29	12	10	--	3.2	68	22	0	.1	.6	117	6.6	--	74
	do	8-28-62	150	13	3.4	.34	.02	7.0	1.3	13	2.1	33	13	9.8	--	2.8	71	23	0	.2	.6	124	6.7	--	75
	do	10- 3-62	200	18	4.7	.32	.00	7.0	1.1	15	2.1	34	15	9.7	--	2.9	83	22	0	.1	.4	130 2/	7.3	--	60
	do	9-26-63	187	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	174 2/	--	--	60
1268	Cory Brook near Canterbury	9-28-61	238	28	14	.30	--	5.1	2.6	3.3	.4	12	12	3.9	--	1.6	--	23	13	--	--	75	6.1	45	60
	do	4- 6-62	13.1	155	2.1	.07	--	3.0	1.4	3.4	1.2	9	7.0	4.1	--	.1	--	14	6	--	--	47 2/	6.0	--	52
	do	9-26-63	.62	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	93 2/	--	--	60
1268.98	Beach Pond near Voluntown	6-28-63	--	--	--	--	--	2.9	.2	4.7	1.0	6	6.4	5.6	--	.3	--	8	3	--	--	45 2/	6.6	--	82
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<40 2/	--	--	62
1269	Beach Pond Outlet near Voluntown	9-18-61	15.9	146	3.1	.12	--	1.6	.7	4.1	.4	4	6.3	4.7	--	.6	--	7	4	--	--	42	5.5	2	71
		4- 5-62	31	284	3.0	.07	--	1.7	1.3	3.6	3.3	5	5.8	7.2	--	.0	--	10	6	--	--	41	5.7	--	46
	do	9-26-62	1.3	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	43 2/	--	--	57
1269.01	Great Meadow Brook near Voluntown	4-23-63	--	--	--	.10	--	2.9	--	2.9	.5	4	--	--	--	.4	--	--	--	--	--	36	5.8	--	--
		6-27-63	--	--	--	.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	64
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	103 2/	--	--	50
1269.02	Great Meadow Brook near Voluntown	4-23-63	--	--	--	.21	--	2.4	--	2.9	.4	10	--	--	--	.8	--	--	--	--	--	34	6.0	--	49
		6-27-63	--	--	--	.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	66
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	50
1269.03	Great Meadow Brook near Voluntown	6-27-63	--	--	--	.32	--	2.7	.1	3.3	.8	4	4.7	5.1	--	.9	--	7	4	--	--	32	5.8	--	68
		9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 40 2/	--	--	51
1269.05	Great Meadow Brook near Voluntown	9-18-61	1.51	16	18	.46	--	2.1	1.2	4.1	.4	8	6.3	4.5	--	1.7	--	10	4	--	--	54	5.7	75	61
		4- 5-62	17	182	21	.08	--	4.6	2.4	7.0	.9	28	6.3	3.4	--	.1	--	22	0	--	--	75	6.7	--	49
	do	4-23-63	5.8	62	--	.11	--	6.7	--	3.9	.7	27	--	--	--	.9	--	--	--	--	--	66	7.7	--	--
	do	6-27-63	--	--	--	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-- 2/	--	--	75
	do	9-26-63	.56	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51 2/	--	--	51
1269.1	Lowden Brook near Voluntown	9-20-61	.37	9.2	17	.37	--	3.8	2.4	5.0	.8	15	7.9	4.9	--	1.5	--	20	7	--	--	69	6.2	75	59
	do	4- 5-62	8	198	3.1	.08	--	2.4	1.4	3.4	.9	6	6.6	4.3	--	.1	--	12	7	--	--	43 2/	5.6	--	47
	do	9-26-63	.06	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42 2/	--	--	51
1269.2	Mount Misery Brook near Voluntown	9-20-61	1.14	6.8	13	.32	--	2.9	2.2	3.8	.4	12	6.9	3.1	--	.9	--	16	6	--	--	50	6.0	45	61
		4- 5-62	36	214	4.4	.06	--	2.0	1.5	2.9	.5	5	6.5	4.0	--	.2	--	11	7	--	--	37	5.6	--	46
	do	4- 3-63	42	250	--	.08	.00	4.4	--	2.7	.8	5	8.9	--	--	--	33	--	--	--	--	36	5.9	--	47
	do	8-14-63	1.2	7.1	6.6	.20	--	3.4	.4	3.0	.5	10	--	--	--	.6	--	10	2	--	--	47 2/	6.8	--	66
	do	9-26-63	1.1	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<40 2/	--	--	54

2/ Field specific conductance.
3/ Spectrographic analysis in Table 7.
5/ Public water supply.

Table 6.--Chemical analyses of water t streams, lakes, and reservoirs--Continued

Station number	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Silica (SiO_2)	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)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Alkyl benzene sulfonate (ABS)	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
					Connecticut--Continued																				
1269.23	Denison Brook at Voluntown	4- 5-62	18	192	6.8	0.05	--	2.2	1.8	3.5	1.0	8	6.3	4.6	--	0.0	--	13	7	--	--	46	5.9	--	46
	do	6-30-62	3.8	22	--	.20	--	2.9	1.0	3.3	.9	8	5.3	3.5	--	1.0	--	11	5	--	--	39	6.0	42	--
	do	4-30-63	14	149	--	.18	--	--	--	3.2	.7	5	8.5	--	--	--	31	--	--	--	--	39	6.2	--	--
	do	9-26-63	1.5	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	47 2/	--	--	51
1269.25	Myron Kinney Brook near Voluntown	9-18-61	1.21	13	14	.32	--	5.0	1.9	4.3	1.0	20	8.2	5.2	--	.8	--	21	4	--	--	79	6.4	8	63
		4- 5-62	18	196	2.1	.05	--	3.1	1.2	3.2	1.0	8	7.0	4.1	--	.0	--	13	6	--	--	46	5.9	--	46
	do	9-26-63	.9	9.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80 2/	--	--	54
1269.3	Pachaug River at Glasgo	9-18-61	28.6	41	8.6	.58	--	3.2	1.2	3.9	.5	12	5.8	4.7	--	.9	--	13	3	--	--	51	6.1	22	70
	do	4- 5-62	215	308	.6	.06	--	2.0	1.3	3.2	.9	6	5.3	4.2	--	.0	--	11	6	--	--	42	5.7	--	47
	do	9-26-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	45 2/	--	--	60
1269.4	Billings Brook at Glasgo	9-18-61	5.38	48	7.2	.28	--	3.7	1.4	3.4	.3	10	6.6	4.1	--	1.3	--	15	7	--	--	56	6.2	7	57
	do	11-15-61	--	--	10	.32	--	4.5	1.6	3.3	.4	11	6.3	4.0	--	.9	--	18	9	--	--	47	6.2	27	52
	do	4- 5-62	26	232	6.9	.07	--	2.8	1.2	3.4	.7	10	5.3	3.8	--	.0	--	12	4	--	--	47 2/	6.0	--	48
	do	9-26-63	1.8	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70 2/	--	--	51
1269.5	Pachaug River at Pachaug	9-20-61	35.0	33	4.3	.38	--	3.8	1.3	3.5	.3	12	6.9	4.1	--	3.6	--	15	5	--	--	52	6.1	12	--
	do	4-27-62	77	74	.5	.08	--	2.8	1.4	3.6	.9	8	5.8	4.8	--	.0	--	13	7	--	--	47	5.9	--	59
	do	9-26-63	97	92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42 2/	--	--	60
1269.8	Pachaug River at Hopeville	9-20-61	40.1	34	5.9	.57	--	3.2	1.5	4.1	.5	13	6.3	4.2	--	1.0	--	14	4	--	--	50	6.2	7	70
	do	4- 6-62	280	242	2.0	.07	--	2.8	1.1	3.0	.8	10	5.8	3.8	--	.0	--	12	4	--	--	37	6.6	--	53
	do	9-26-63	9.0	7.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	47 2/	--	--	60
1269.95	Pachaug River at Jewett City	11- 8-55	--	--	--	--	--	--	--	--	--	7	--	5.5	--	--	--	11	5	--	--	45	5.8	--	47
	do	2- 8-56	--	--	5.9	.12	0.00	2.9	1.2	3.7	1.0	9	--	4.0	0.0	.9	--	12	5	--	--	49	6.4	7	34
	do	3-14-62	609	485	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	46	6.5	--	38
	do	4- 3-62	500	406	2.9	.07	.00	2.4	1.2	2.6	.5	5	6.5	4.1	.1	.8	30	11	7	0.0	.4	38	5.8	15	52
	do	5-28-62	76	62	1.1	.27	.00	3.2	1.0	3.4	.7	8	7.5	4.1	.1	1.2	34	12	6	.0	.4	49	6.2	21	70
	do	6- 6-62	90	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.4	52	6.1	--	--
	do	7- 3-62	42	34	--	.29	--	3.7	.7	3.5	.5	11	6.3	5.1	--	.3	31	12	3	.0	.3	50	6.2	--	78
	do	7-31-62	24	20	2.1	.38	.00	4.0	1.0	3.7	.5	13	5.5	5.3	--	.5	34	14	4	.0	.3	54	6.4	--	76
	do	8-28-62	44	36	1.4	.32	.00	3.3	1.0	3.7	.5	12	6.4	4.4	--	.4	32	12	2	.0	.4	52	6.7	--	76
	do	10- 3-62	51	42	.9	.18	.00	3.1	.9	3.6	.4	10	6.4	4.3	--	.6	32	11	3	.0	.4	48	7.1	--	61
	do	9-26-63	13	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	54 2/	--	--	61
1269.99	Quinebaug River at Jewett City	5- 1-52	3,060	239	4.0	.26	.00	3.5	.9	4.6	1.0	10	9.0	3.6	.3	.6	42	12	4	--	--	53	6.3	25	--
		7- 8-57	135	10	2.2	.12	.00	7.4	2.1	15	2.2	40	17	8.2	.2	2.5	90	27	0	--	--	136	6.9	15	80
	do	7-15-57	142	11	4.5	.26	.01	7.2	.7	14	1.9	34	14	7.1	.1	2.3	76	21	0	--	--	114	6.5	13	73
	do	7-29-57	116	9.1	3.5	.22	.03	8.1	1.0	11	1.9	32	12	8.1	.1	2.5	71	24	0	--	--	109	6.5	12	74
	do	8- 6-57	112	8.7	3.0	.21	.08	7.1	.8	16	2.1	39	14	8.0	.1	2.6	82	21	0	--	--	126	6.6	12	79
	do	8-12-57	79	6.2	3.6	.18	.01	6.9	.6	16	2.2	38	15	7.9	.2	2.4	83	20	0	--	--	131	6.5	10	71
	do	8-26-57	154	12	2.8	.18	.00	7.4	1.6	20	2.5	44	18	10	.1	3.1	92	25	0	--	--	155	6.6	15	68
	do	9- 5-57	129	10	3.8	.21	.00	8.2	1.5	22	2.8	46	19	12	.2	2.6	97	27	0	--	--	157	6.7	15	74
	do	10- 1-57	86	6.7	2.0	.05	.06	7.6	1.1	22	2.8	46	18	13	.2	3.1	96	24	0	--	--	162	6.5	14	63
	do	9-28-59	287	22	5.3	.16	.00	3.4	1.0	3.9	.9	11	5.6	4.8	.1	1.2	39	13	4	--	--	49	6.5	40	70
	do	3-14-62	4,720	368	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	70	6.6	--	35
	do	4- 3-62	5,160	403	4.3	.22	.02	3.2	1.4	3.0	.9	6	9.5	4.0	.1	2.0	36	14	9	.0	.4	50	5.7	22	48
	do	5-28-62	680	53	1.8	.35	.00	5.0	1.5	7.5	1.5	18	12	6.6	.2	2.1	54	19	4	.1	.4	84	6.3	22	69
	do	6- 6-62	890	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	.4	97	6.3	--	--
	do	7- 3-62	339	26	--	.40	--	5.5	1.1	9.8	1.2	26	10	7.5	--	1.7	60	18	0	.1	.7	97	6.5	--	78
	do	7-31-62	180	14	3.9	.49	.05	6.6	1.3	13	1.8	29	12	10	--	3.0	69	22	0	.0	.5	119	6.5	--	76
	do	8-28-62	248	19	2.5	.33	.01	8.2	1.3	15	1.9	41	14	9.9	--	1.8	83	26	0	.1	.5	138	6.8	--	75
	do	10- 3-62	300	23	4.0	.29	.00	6.4	1.2	18	2.1	39	15	10	--	2.6	88	21	0	.1	.4	141	7.4	--	62
	do	9-26-63	210	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160 2/	--	--	62
1270	Quinebaug River at Jewett City	9-11-52	372	29	3.7	.78	.01	5.9	.5	15	2.2	28	19	7.8	.3	1.1	78	17	0	--	--	106	6.7	15	--
		3-27-53	5,380	420	4.4	.25	.00	3.2	.8	3.6	1.0	10	8.8	3.2	.1	.7	47	11	3	--	--	51	6.3	37	--
	do	9-18-61	182	14	3.8	.58	--	4.5	1.5	8.0	1.0	19	9.0	6.1	--	1.6	--	17	2	--	--	84	6.1	6	68
	do	1-17-62	3,660	286	5.9	.20	.02	4.4	1.3	5.4	1.6	11	11	6.1	.1	2.3	49	17	8	.1	.6	71	6.0	13	33
1271	Broad Brook near Preston City	9-18-61	5.60	23	18	.49	--	6.1	2.0	4.3	.6	20	7.5	4.5	--	2.0	--	23	7	--	--	78	6.4	47	60
	do	4- 5-62	48	197	6.1	.07	--	2.4	1.8	3.6	.7	12	6.6	4.8	--	.0	--	14	4	--	--	58 2/	6.2	--	43
	do	9-26-63	.70	2.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	96 2/	--	--	52

2/ Field specific conductance.

Table 7.--Spectrographic analyses of water from streams

Chemical analyses of other samples collected simultaneously are given in Table 6.
Spectrographic analyses in micrograms per liter except where the following symbols are used:
< - Detected, but less than figure shown.
ND - Specifically sought, not detected.
X - Refers to semiquantitative determination in the digit order shown.

Constituents looked for but not detected: As, Au, Be, Bi, Cd, Ce, Cs, Dy, Er, Eu, Ga, Gd, Ge, Hf, Hg, Ho, In, Ir, La, Lu, Nb, Os, P, Pd, Pr, Pt, Re, Rh, Ru, Sb, Sc, Sm, Ta, Tb, Te, Th, Tl, Tm, U, W.

Station number	Stream and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Water temperature (°F)	Silver (Ag)	Aluminum (Al)	Boron (B)	Barium (Ba)	Cobalt (Co)	Chromium (Cr)	Copper (Cu)	Iron (Fe)	Lithium (Li)	Manganese (Mn)	Molybdenum (Mo)	Nickel (Ni)	Lead (Pb)	Rubidium (Rb)	Tin (Sn)	Strontium (Sr)	Titanium (Ti)	Vanadium (V)	Yttrium (Y)	Ytterbium (Yb)	Zinc (Zn)	Zirconium (Zr)
U.S. Public Health Service drinking-water standards (recommended upper limit):						50	--	--	1,000	--	50	1,000	300	--	50	--	--	50	--	--	--	--	--	--	--	5,000	--
1251	French River at North Grosvenor Dale	5-15-62	191	99	57	0.20	120	19	20	ND	46	26	360	0.62	72	1.2	13	14	5.8	ND	48	4.3	<3.6	ND	ND	ND	ND
1254.99	Little River at Putnam	5-15-62	49	87	56	<.053	19	3.6	5.8	ND	.69	.58	24	<.053	3.6	ND	<.53	2.0	<.53	ND	5.3	8.5	ND	ND	ND	ND	.X
1257.2	Quinebaug River at Rogers	5-15-62	577	88	56	.11	94	12	17	0.79	12	12	300	.32	42	.30	6.0	7.9	3.2	ND	30	3.0	ND	.0X	.X	ND	.X
1261.11	Five Mile River at Danielson	5-15-62	105	75	58	.17	100	22	15	<.77	7.6	39	260	.32	44	.60	21	3.8	2.6	ND	28	2.5	<2.3	.0X	.X	ND	.X
1265.05	Moosup River at Central Village	5-15-62	121	73	58	<.037	35	11	10	ND	.59	2.6	74	.21	14	.10	.52	3.4	1.1	ND	7.0	.93	ND	.0X	.X	ND	.X
1267.2	Quinebaug River near Packer	5-15-62	1,200	106	58	.097	100	16	17	.68	8.6	9.1	420	.39	31	.52	4.8	8.0	3.6	<0.57	31	2.5	<1.7	.0X	.X	ND	.X

Table 8.--Suspended sediment in samples from streams

Station number	Stream and location	Date of collection	Time (24-hour time)	Sampling point	Water temperature (°F)	Instantaneous discharge (cfs)	Percent of average discharge (%)	Sediment concentration (ppm)	Sediment load (Tons/day)
1240	Quinebaug River at Quinebaug	10- 6-59	1300	Midpoint	--	4,970	1,820	8	107
do	do	3-13-62	1415	Midpoint	37	560	204	17	26
do	do	6- 6-62	1040	Midpoint	--	235	86	22	14
1251.5	French River at Mechanicsville	3-13-62	1515	Midpoint	38	395 1/	200	12	13
1252	Quinebaug River at Putnam	3-13-62	1545	Midpoint	37	618	106	32	53
1254.99	Little River at Putnam	3-13-62	1615	Midpoint	35	242 2/	430	20	13
1257.2	Quinebaug River at Rogers	3- 9-59	1230	Midpoint	--	1,610 3/	245	6	26
1261.05	Five Mile River at Dayville	5-30-63	1715-1730	Cross-section	--	89	85	10	2.4
1261.09	Five Mile River at Danielson	3-13-62	1800	Midpoint	35	322 4/	307	9	7.8
1265.1	Moosup River at Central Village	3-14-62	0845	Midpoint	34	937 5/	585	14	35
1266	Blackwell Brook near Brooklyn	3-13-62	1700	Midpoint	34	680	1,770	30	55
1267.2	Quinebaug River near Packer	3-14-62	0915	Midpoint	35	4,200 6/	370	19	215
do	do	4-13-62	1545	Midpoint	--	2,030 6/	179	16	88
1269.23	Denison Brook at Voluntown	5-30-63	1500	Midpoint	--	14	149	10	.4
1269.95	Pachaug River at Jewett City	3-14-62	1000	Midpoint	38	609	495	2	1.6
1269.99	Quinebaug River at Jewett City	4- 9-56	1300	Midpoint	--	4,970	388	8	107
do	do	3-14-62	1030	Midpoint	35	4,720	368	7	89
do	do	5-30-63	1545-1630	Cross-section	--	1,150	88	8	25

1/ Estimate, based on discharge of French River at Webster, Massachusetts.
2/ Estimate, based on discharge of Little River at Harrisville, Connecticut.
3/ Estimate, based on discharge of Quinebaug River at Putnam, Connecticut.
4/ Estimate, based on discharge of Five Mile River at Dayville, Connecticut.
5/ Estimate, based on discharge of Moosup River at Moosup, Connecticut.
6/ Estimate, based on discharge of Quinebaug River at Jewett City, Connecticut.

Table 9.--Chemical analyses of precipitation samples

Date of collection	Amount of precipitation (inches)	Parts per million									Specific conductance (micromhos at 25°C)	pH
		Calcium (Ca)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$			
									Calcium, magnesium	Non-carbonate		
Site 1P - Collection site on Five Mile River Road, 1 mile west of East Putnam, Connecticut												
6-15-63	0.52 1/	1.6	0.5	0.4	10	7.0	0.4	18	14	6	36	6.3
6-29-63	1.10 1/	2.9	.3	.1	4	14	.6	27	16	13	54	5.8
7-20-63	.62 2/	1.3	1.4	.3	5	4.5	.2	11	5	1	18	5.9
7-29-63	1.79 2/	1.4	.7	.9	6	5.5	.5	14	8	3	23	5.9
8- 8-63	.69 2/	4.0	.5	.7	6	8.7	.1	20	12	7	28	6.0
Site 2P - Rain gage at Pachaug Forest Ranger Headquarters, 1.5 miles northeast of Voluntown, Connecticut (U.S. Weather Bureau index no. 6131)												
5-11-63	.45	5.2	.6	1.0	18	8.9	1.4	--	--	--	60	8.1
5-15-63	.29	4.0	.6	.2	7	7.3	1.2	--	--	--	31	6.5
6- 4-63	.32	2.6	--	--	13	8.2	1.0	--	11	1	51	6.2
Site 3P - Rain gage at State Forest Nursery, 0.5 mile south of Voluntown, Connecticut												
1-11-63 & 1-12-63	.45	--	2.8	.3	24	47	1.9	--	77	58	188	5.9
1-20-63	.76	13	2.7	.4	19	29	1.5	--	36	21	100	6.8
4-30-63	1.79	2.6	.8	.3	9	4.9	1.0	16	10	3	29	6.7
5- 5-63	.92	3.5	.5	.3	10	13	.2	31	17	9	51	6.2
5-18-63	1.02	4.8	.4	.7	17	4.9	1.0	21	--	--	42	6.7
5-29-63	.70	2.2	.7	.3	10	5.7	.3	22	10	2	28	6.4
6- 4-63	.37	1.8	1.3	.3	8	6.0	.2	--	9	3	26	6.3

1/ At Putnam -- U.S. Weather Bureau index no. 6645.
2/ At Putnam Water Works -- U.S. Weather Bureau index no. 6660.

Table 10.--Precipitation at Voluntown State Forest Nursery, 1962-63

Precipitation has been measured daily at this site from 1957 through 1964, but records are not published. Data for April 1962-September 1963, during which period measurements of streamflow and depth to water in wells were made in the nearby basin of Denison Brook, are presented in the following table.

The site is located between Glasgo and Doaneville Ponds, Griswold, approximately 1 mile southwest of Voluntown center (station 3p, figure 1).

Rainfall was collected in a standard U. S. Weather Bureau can mounted several feet above ground level in an open field, and was measured each day about 8 a.m.

Data was furnished by John Olsen, nurseryman in charge of the State Forest Nursery.

All measurements given in inches.

	1962									1963								
	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September
1	2.31	0.03	-	-	0.09	-	-	-	-	-	-	-	-	1.29	-	0.10	-	-
2	.13	-	-	-	-	-	-	-	-	-	-	.74	-	.01	-	-	.19	-
3	-	.27	-	-	-	-	-	-	-	-	.46	-	-	.26	-	-	-	.03
4	-	.08	-	-	-	-	-	.42	-	-	-	-	.01	-	.37	-	-	-
5	-	-	-	-	-	-	.12	-	.02	-	-	-	.02	-	-	-	.20	-
6	-	-	1.45	-	-	.15	5.27	-	1.00	-	-	.17	-	.02	-	-	-	.11
7	-	-	.29	-	-	-	.51	-	-	-	-	.98	-	-	-	-	-	.03
8	.54	-	-	-	.06	-	-	-	-	-	-	-	-	-	-	.62	-	-
9	-	.03	-	-	.01	-	.09	-	-	-	-	-	-	-	-	.07	-	-
10	.28	-	-	1.18	.88	-	.01	1.33	.06	-	-	-	-	-	.92	-	-	-
11	-	-	-	-	.37	-	-	.44	-	-	-	-	-	.43	.08	-	-	-
12	-	-	.44	-	-	-	-	-	-	.45	.85	.12	-	-	.63	-	.13	-
13	-	-	.62	.26	-	-	-	-	-	.27	.54	-	-	-	-	-	-	1.37
14	.18	.12	.33	-	-	-	-	.07	-	.03	-	.20	-	.17	-	.01	.69	.03
15	-	.30	-	-	-	.02	-	-	-	-	.01	-	-	.27	.18	.18	-	-
16	.07	-	-	.01	-	-	-	-	.06	-	-	-	-	-	.18	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	.26	-	-	-	-	-	.06
18	-	-	-	-	3.20	.39	-	.07	.01	-	-	-	.29	-	-	-	.38	.05
19	-	.01	-	-	-	-	-	.64	-	-	-	-	-	1.03	-	-	-	-
20	-	.07	-	-	.02	.11	-	-	-	.76	1.19	.17	-	-	-	1.43	-	.02
21	-	-	.56	-	-	-	-	-	-	.10	-	.27	-	-	.14	-	.05	.55
22	-	-	.22	-	.09	-	-	.74	.62	-	-	-	.01	.08	-	.08	-	.07
23	-	-	-	.15	-	-	-	.07	-	-	-	-	-	-	-	-	-	-
24	.07	-	-	.15	-	-	.26	-	-	.20	-	-	.29	-	-	-	-	-
25	.25	-	.48	-	-	-	-	-	-	-	.22	-	.03	-	-	-	-	-
26	-	-	-	.01	-	.20	.34	-	.32	-	-	-	-	-	-	-	-	-
27	-	-	.25	.10	-	.14	.27	-	-	.87	-	.03	-	-	-	-	-	-
28	-	-	-	-	-	1.40	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	1.33	.11	.06	-	-	-	-	-	-	.22	-	-	-	.71
30	.07	-	-	-	.03	-	.83	-	.37	-	-	-	.50	.70	.06	.70	-	.69
31	-	-	-	-	-	-	-	-	-	.02	-	-	-	-	-	-	-	-
TOTAL	3.58	1.23	5.14	1.86	6.08	2.52	7.76	3.78	2.46	2.70	3.27	2.94	1.15	4.48	2.56	3.19	1.64	3.72

Table 11.--Streamflow records at partial-record gaging stations

(The streamflow determinations listed in this table were made during periods when streamflow was derived primarily from ground-water discharge)

		Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
1253	English Neighborhood Brook, at bridge on State Highway 93 at North Woodstock. Lat 41°59'27", long 71°59'51". Drainage area, 4.99 sq mi.	10- 6-60	*1.21	4- 3-62	*29.6	11- 7-62	8.2	6-14-63	2.5
		7-21-61	*1.48	4-17-62	*9.15	12- 5-62	6.3	6-21-63	*2.19
		8-18-61	*.02	4-23-62	6.3	3-21-63	*16.0	7- 3-63	1.2
		9- 8-61	.12	6-11-62	2.2	4-15-63	5.8	7-16-63	.47
		9-25-61	*1.90	7-11-62	1.2	4-26-63	4.2	8- 1-63	.14
		12- 5-61	3.5	8-27-62	*.43	5- 9-63	3.7	8-16-63	.14
		1-12-62	13	9-12-62	*.11	5-17-63	3.7	8-23-63	*.08
		3-19-62	24	10- 9-62	15	6- 3-63	2.1	8-29-63	.02
		3-28-62	*19.8	10-30-62	4.3				
1254	Muddy Brook, at bridge on Main Street at East Woodstock. Lat 41°59'02", long 71°58'52". Drainage area, 13.2 sq mi.	7-21-61	*3.71	7-11-62	*3.18	4-26-63	16	7-16-63	1.7
		8-18-61	*.54	9-12-62	*.27	5-10-63	12	8- 1-63	.43
		9-25-61	*2.99	10-10-62	26	5-17-63	13	8-16-63	.25
		3-28-62	*56.4	10-30-62	11	6- 3-63	7.6	8-23-63	*.20
		4- 3-62	*72.9	4-10-63	31	7- 3-63	3.5	8-27-63	*.18
		4-17-62	*27.7	4-15-63	*21.0	7-12-63	2.7	8-29-63	.16
1254.3	Wappaquasset Pond Outlet, 1 1/4 miles southwest of South Woodstock. Lat 41°55'52", long 71°58'57". Drainage area, 0.97 sq mi.	7-21-61	*1.14	4-18-62	*2.74	4-15-63	*.66	6- 3-63	1.3
		8-18-61	*1.74	1- 7-63	.40	4-26-63	.53	6-14-63	1.4
		9-25-61	*.51	1-31-63	.84	5-10-63	.91	8- 1-63	.50
		3-28-62	*3.93	2-27-63	.92	5-17-63	.75	8-29-63	.40
		4- 4-62	*7.92	4- 1-63	4.6				
1254.4	Mill Brook, at bridge on Stone Bridge Road at South Woodstock. Lat 41°56'25", long 71°57'28". Drainage area, 6.53 sq mi.	7-21-61	*2.76	10-10-62	18	5-10-63	4.8	7-16-63	1.0
		8-18-61	*.69	10-30-62	7.3	5-17-63	5.9	7-17-63	.90
		9-20-61	*1.42	11-30-62	8.1	6- 3-63	3.6	8- 1-63	.90
		3-28-62	*25.7	4- 1-63	30	6-14-63	6.0	8-16-63	1.0
		4- 4-62	*31.2	4-10-63	9.5	7- 3-63	2.1	8-27-63	.45
		4-18-62	*10.4	4-15-63	*6.95	7-12-63	*1.61	8-29-63	.45
		9-13-62	*2.24	4-26-63	6.3				
≠1256	Mashamoquet Brook, at bridge on Taft Pond Road, 1 mile north of Abington. Lat 41°52'27", long 72°00'35". Drainage area, 11.0 sq mi.	7-21-61	*2.43	8-16-61	.49	9-27-61	*8.19	3-27-62	*45.7
1256.5	Wappoquia Brook, at bridge on Day Road, 2 miles south of Pomfret. Lat 41°51'57", long 71°57'30". Drainage area, 4.28 sq mi.	7-21-61	*.66	6-29-62	*2.35	4-26-63	8.3	7-16-63	.68
		8-16-61	*.17	7- 2-62	*1.33	5-17-63	*3.51	8- 1-63	.95
		9-26-61	*3.40	9-11-62	*.37	6- 3-63	2.3	8- 5-63	*.43
		4- 4-62	*16.9	10-10-62	12	6-14-63	2.8	8-16-63	.63
		4-11-62	*11.4	11-30-62	4.3	7- 3-63	1.9	8-23-63	*.34
		4-12-62	*9.97	4- 4-63	*11.8	7-12-63	*1.27	8-29-63	.15
1257	Mashamoquet Brook, at bridge on MacInnis Road, at Pomfret Landing. Lat 41°50'59", long 71°56'11". Drainage area, 28.6 sq mi.	7-21-61	*7.52	7- 2-62	*6.96	4-26-63	37	7-16-63	6.5
		8-16-61	*.82	9-11-62	*1.22	5-17-63	34	8- 1-63	6.5
		9-27-61	*23.9	10-10-62	58	6- 3-63	22	8- 5-63	*1.92
		4- 4-62	*127	11-30-62	37	6-14-63	28	8-16-63	5.5
		4-12-62	*75.8	4- 4-63	*85.2	7- 3-63	15	8-29-63	.5
		4-23-62	*38.6						
1258	Five Mile River, at bridge on Spicer Road, 1.5 miles south of East Thompson. Lat 41°59'11", long 71°48'57". Drainage area, 10.3 sq mi.	7-21-61	*5.23	10-10-62	23	6- 3-63	10	8- 6-63	*2.06
		8-18-61	*1.60	4- 1-63	*43.1	6-14-63	8.2	8-16-63	2.6
		9-20-61	*1.58	4-26-63	16	7- 3-63	6.8	8-23-63	*2.08
		4- 5-62	*61.4	5-10-63	*11.6	7-16-63	4.5	8-29-63	1.6
		9-13-62	*1.85	5-17-63	12	8- 1-63	3.4		
1258.5	Five Mile River, at outlet of Quaddick Reservoir, at bridge on Quaddick Road, half a mile west of Quaddick. Lat 41°56'28", long 71°49'48". Drainage area, 24.0 sq mi.	7-21-61	*12.5	10-10-62	2.0	4-26-63	12	7-12-63	*8.51
		8-18-61	*1.52	11-30-62	53	5-10-63	25	7-16-63	6.5
		9-26-61	*53.8	1- 7-63	20	5-17-63	27	8- 1-63	5.8
		4- 5-62	*166	1-31-63	28	6- 3-63	24	8-16-63	4.7
		9-25-62	*2.02	2-27-63	24	6-14-63	15	8-29-63	1.5
		10- 1-62	2.0	4- 1-63	*98.8	7- 3-63	12		
1258.8	Mary Brown Brook, at bridge on U.S. Highway 44, half a mile northwest of East Putnam. Lat 41°55'05", long 71°49'27". Drainage area, 8.42 sq mi.	7-21-61	*5.21	2-27-63	8.2	5-17-63	9.5	8- 1-63	2.3
		8-18-61	*1.61	4- 1-63	36	6- 3-63	7.0	8- 6-63	*1.99
		4- 5-62	*53.4	4-16-63	*12.9	6-14-63	6.0	8-16-63	3.1
		9-13-62	*3.27	4-26-63	10	7- 3-63	3.9	8-23-63	*1.16
		10-30-62	11	5-10-63	9.8	7-16-63	2.5	8-29-63	1.2
		1- 7-63	6.6						
1259	Cady Brook, at bridge on East Putnam Road, 1/3 mile south of East Putnam. Lat 41°54'32", long 71°49'11". Drainage area, 8.02 sq mi.	7-21-61	*3.41	10-30-62	8.4	5-17-63	12	8- 1-63	1.5
		8-18-61	*1.08	11-30-62	15	6- 3-63	5.0	8- 6-63	*1.59
		4- 5-62	*40.2	1- 7-63	7.0	6-14-63	4.0	8-16-63	1.4
		9-13-62	*.94	2-27-63	8.3	7- 3-63	4.2	8-23-63	*1.14
		10- 1-62	18	4- 1-63	33	7-16-63	2.6	8-29-63	.70
		10-10-62	21	4-26-63	11				
1259.5	Five Mile River, at bridge at junction of Cutler Road and River Road, 2 miles south of East Putnam. Lat 41°53'10", long 71°49'55". Drainage area, 47.8 sq mi.	6-15-62	70	11-30-62	110	4-26-63	39	7-16-63	11
		9-13-62	42	1- 7-63	35	5-17-63	*61.2	8- 1-63	8.5
		9-25-62	*8.46	1-31-63	50	6- 3-63	39	8- 6-63	*9.09
		10-10-62	42	2-27-63	42	6-14-63	25	8-16-63	11
		10-30-62	54	4- 1-63	220	7- 3-63	16	8-23-63	*8.34
		11-5-62	*100	4- 4-63	*180	7-12-63	*20.0	8-29-63	1.5
1260.4	Bog Meadow Reservoir, at outlet, on Whetstone Brook, on Bear Hill Road, 0.4 mile southeast of East Killingly. Lat 41°50'39", long 71°48'58". Drainage area, 4.94 sq mi.	7-21-61	*2.99	10-10-62	4.4	4- 1-63	16	7- 3-63	3.9
		8-16-61	*2.54	10-30-62	3.2	4-26-63	7.8	7-12-63	*2.77
		9-26-61	*29.4	11-30-62	10	5-17-63	*7.59	8- 7-63	2.0
		4- 5-62	*26.2	1- 7-63	4.4	6- 3-63	7.0	8-16-63	2.0
		9-13-62	*2.68	1-31-63	7.0	6-14-63	5.7	8-29-63	2.9
		10- 1-62	2.4	2-27-63	5.2				
1261	Whetstone Brook, at bridge on Valley Road, 0.6 mile east of Elmville. Lat 41°50'10", long 71°52'02". Drainage area, 13.5 sq mi.	10- 6-60	*5.64	8- 6-62	*6.06	2-27-63	14	8- 1-63	4.4
		7-21-61	*6.79	8-13-62	*7.21	4-26-63	16	8- 7-63	*3.65
		8-16-61	*4.38	9-13-62	*4.32	5-17-63	16	8-16-63	3.6
		9-26-61	*49.8	10-10-62	14	6- 3-63	11	8-23-63	*4.69
		4- 4-62	*59.3	11-30-62	21	6-14-63	10	8-29-63	3.9
		6-15-62	*12.8	1- 7-63	11	7- 3-63	6.8		
1262.5	Moosup River, at New York, New Haven, & Hartford Railroad bridge, half a mile northwest of Sterling. Lat 41°42'45", long 71°50'13". Drainage area, 42.3 sq mi.	7-21-61	*9.78	8-13-62	*12.7	4- 1-63	120	7- 3-63	23
		8-15-61	*11.7	9-14-62	*10.7	4-26-63	62	7-16-63	18
		9-27-61	*201	10- 1-62	26	5- 3-63	*191	8- 1-63	14
		4- 6-62	170	10- 9-62	175	5-17-63	72	8-16-63	10
		4-11-62	*186	10-30-62	62	6- 3-63	58	8-29-63	8.5
		4-30-62	*61.7	11-30-62	94	6-14-63	66		

* Streamflow measurement

≠ Continuous records from April 3, 1962 to October 11, 1963. See Surface Water Records of Connecticut.

Table 11.--Streamflow records at partial-record gaging stations--Continued

		Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
1263	Quaduck Brook, at bridge on Dark Lantern Road at North Sterling. Lat 41°46'18", long 71°47'48". Drainage area, 8.22 sq mi.	9- 8-60	1.2	9-27-61	*27.8	9-14-62	0.8	5-17-63	9.5
		9-14-60	*19.4	10-27-61	6.4	9-17-62	*.51	6- 3-63	6.0
		10- 6-60	*4.58	12- 8-61	8.6	10- 9-62	24	6-14-63	7.8
		1-11-61	11	1-12-62	21	11- 7-62	13	7- 3-63	3.5
		2-28-61	*80.8	3- 7-62	12	12- 5-62	10	7-16-63	3.1
		6- 6-61	12	3-28-62	*29.1	1-19-63	6.8	8- 1-63	2.8
		7- 5-61	4.4	4- 9-62	*39.8	2-19-63	9.0	8-16-63	1.1
		7-21-61	*3.77	4-23-62	14	3- 1-63	24	8-29-63	.56
		8-16-61	*1.25	6-22-62	*14.2	4-26-63	9.5	9-16-63	.85
		9-15-61	2.4	8-13-62	2.2				
1263.5	Quaduck Brook, at bridge on Main Street, 1 mile north of Sterling. Lat 41°43'23", long 71°50'00". Drainage area, 18.8 sq mi.	7-21-61	*8.25	6-15-62	*22.7	10-30-62	20	6-14-63	21
		8-15-61	*2.81	6-22-62	*23.9	11-30-62	31	7- 3-63	8.8
		9-27-61	*54.5	9-14-62	2.1	4- 1-63	53	7-16-63	8.0
		3-16-62	150	9-17-62	*1.53	4-26-63	25	8- 1-63	5.0
		4- 6-62	56	10- 1-62	8.0	5-17-63	25	8-16-63	2.3
		4- 9-62	*76.1	10- 9-62	46	6- 3-63	17	8-29-63	1.5
		4-11-62	*64.3						
1264	Snake Meadow Brook, at bridge on Harris Road, 1 1/2 miles north of Almyville. Lat 41°44'26", long 71°51'15". Drainage area, 8.45 sq mi.	7-21-61	*3.56	4-30-62	*9.60	4- 1-63	20	7-16-63	5.0
		8-15-61	*2.24	9-14-62	*2.14	4-26-63	9.3	8- 1-63	3.2
		9-27-61	*16.5	10- 1-62	2.9	5-17-63	10	8-16-63	1.6
		3-16-62	53	10- 9-62	14	6- 3-63	7.4	8-26-63	*1.37
		4- 6-62	23	10-30-62	6.0	6-14-63	8.2	8-29-63	1.4
		4-11-62	*29.4	11-30-62	14	7- 3-63	6.6		
1264.5	Moosup Pond, at outlet on Snake Meadow Brook, on Pond Hill Road, 1 mile north of Almyville. Lat 41°44'30", long 71°52'42". Drainage area, 1.06 sq mi.	7-21-61	*.1	6-15-62	*.87	1-31-63	2.3	5-17-63	2.8
		9-27-61	*2.16	10- 9-62	1.5	2-27-63	2.0	6- 3-63	1.9
		4- 6-62	4.4	11-30-62	3.0	4- 1-63	2.9	6-14-63	1.8
		4-11-62	*4.04	1- 8-63	1.6	4-26-63	2.0	7- 3-63	1.5
1266	Blackwell Brook, at bridge on State Highway 169, 1 1/2 miles south of Brooklyn. Lat 41°45'55", long 72°57'25". Drainage area, 16.9 sq mi.	10- 5-60	*6.94	4- 4-62	*78.9	3-22-63	68	7- 3-63	4.2
		8-16-61	*1.21	6-11-62	*8.32	4-26-63	22	7-16-63	3.2
		9- 8-61	2.9	7- 2-62	7.5	5- 3-63	*47.7	8- 1-63	.60
		9-28-61	*9.25	9- 7-62	*2.00	5-17-63	20	8-16-63	.60
		10-27-61	7.3	10- 9-62	48	6- 3-63	13	8-23-63	*.91
		12- 8-61	14	11- 7-62	28	6-14-63	12	8-29-63	.50
		3- 7-62	28	11-30-62	26	6-25-63	*3.90	9-16-63	*.96
		3-30-62	*47.5	12- 5-62	23				
1266.5	Mill Brook, at private bridge in rear of abandoned mill building on north side of Packerville Road, at Packer. Lat 41°40'03", long 71°57'14". Drainage area, 17.1 sq mi.	9-20-62	*3.53	5-17-63	20	7- 3-63	9.2	8-16-63	3.7
		10-19-62	*7.17	6- 3-63	13	7-16-63	9.2	8-26-63	*2.41
		12- 3-62	20	6-14-63	15	8- 1-63	5.2	8-29-63	2.5
		4-26-63	18						
1267	Kitt Brook, at bridge on Mudhole (Elmdale) Road, 1 1/4 miles south of Canterbury. Lat 41°40'50", long 71°58'42". Drainage area, 11.1 sq mi.	7-19-61	*3.84	4-16-62	*28.6	4-26-63	14	7-16-63	1.9
		8-16-61	*.59	9-17-62	*.41	5-17-63	13	8- 1-63	.95
		9-28-61	*5.46	10- 9-62	19	6- 3-63	7.5	8- 8-63	*.67
		3-16-62	100	12- 3-62	9.7	6-14-63	9.1	8-16-63	.54
		4- 4-62	*52.0	4-19-63	*16.8	7- 3-63	2.3	8-29-63	.26
1268	Cory Brook, at bridge on Gooseneck Road, 0.7 mile west of South Canterbury. Lat 41°39'09", long 71°59'46". Drainage area, 5.44 sq mi.	7-19-61	*1.38	4-30-62	*6.13	4-19-63	*8.66	7-16-63	1.8
		8-16-61	*.25	9- 4-62	*.59	4-26-63	6.5	8- 1-63	.85
		9-28-61	*2.38	9-17-62	*.13	5-17-63	7.2	8- 8-63	*.36
		3-16-62	32	9-20-62	*.28	6- 3-63	5.4	8-16-63	.34
		4- 6-62	*13.1	10- 9-62	6.4	6-14-63	6.5	8-26-63	*.21
		4-23-62	*7.40	12- 3-62	6.0	7- 3-63	1.7	8-29-63	.21
1269	Beach Pond outlet, 800 ft downstream from outlet, on Pachaug River, 3 miles east of Voluntown. Lat 41°34'52", long 71°49'16". Drainage area, 5.40 sq mi.	7-20-61	*1.24	9-14-62	*.98	2-28-63	5.9	7- 3-63	1.5
		8-14-61	*.83	10- 1-62	1.0	4- 1-63	10	7-15-63	*1.14
		9-18-61	*15.9	10- 9-62	25	4-26-63	3.2	7-16-63	1.1
		3-16-62	43	10-30-62	6.4	5-16-63	7.5	8- 1-63	1.6
		4- 5-62	35	11-30-62	18	5-17-63	6.8	8- 9-63	*1.22
		4-10-62	*27.1	1- 8-63	4.1	6- 3-63	5.6	8-16-63	1.1
		4-26-62	*6.61	1-31-63	7.5	6-14-63	3.0	8-29-63	1.3
		8- 9-62	*1.09						
1269.05	Great Meadow Brook, at bridge on Wylie School Road, 3 miles northeast of Voluntown. Lat 41°36'18", long 71°50'04". Drainage area, 5.14 sq mi.	8-14-61	*.22	9-14-62	*.30	5-16-63	8.2	7-24-63	*2.05
		9-18-61	*1.51	10- 1-62	2.2	5-17-63	6.5	8- 1-63	1.0
		3-16-62	66	10- 9-62	26	6- 3-63	5.8	8- 9-63	*.33
		4- 5-62	18	11-30-62	7.5	6-14-63	5.8	8-16-63	.35
		4- 9-62	*22.2	4- 1-63	10	7- 3-63	3.7	8-22-63	*.45
		8- 9-62	*.17	4-26-63	5.8	7-16-63	1.4	8-29-63	.21
1269.2	Mount Misery Brook, at bridge in Pachaug State Forest, 0.8 mile upstream from mouth and 1 1/2 miles north of Voluntown. Lat 41°36'01", long 71°51'59". Drainage area, 7.66 sq mi.	7-20-61	*3.23	8- 9-62	1.3	4-12-63	14	7-15-63	2.7
		8-14-61	*.77	8-14-62	*1.30	4-26-63	12	7-16-63	2.7
		9-20-61	*1.14	9-14-62	*.88	5-17-63	15	8- 1-63	2.0
		3-16-62	62	10- 1-62	2.8	6- 3-63	12	8- 9-63	*.94
		3-23-62	*30.6	10- 9-62	26	6-14-63	11	8-16-63	1.2
		4- 5-62	36	11-30-62	16	7- 2-63	*6.93	8-29-63	.60
		4-26-62	*11.2	4- 1-63	19	7- 3-63	5.2		
1269.25	Myron Kinney Brook, at twin culverts on Hodge Road in Pachaug State Forest, 1.5 miles upstream from mouth, and 2 miles south of Voluntown. Lat 41°32'30", long 71°51'25". Drainage area, 4.25 sq mi.	8-14-61	*.89	8- 8-62	*.74	5-16-63	7.8	8- 1-63	1.7
		9-18-61	*1.21	9-14-62	.56	5-17-63	6.2	8- 9-63	*.89
		3-16-62	36	10- 9-62	11	6- 3-63	5.4	8-16-63	1.0
		4- 5-62	18	4- 1-63	8.0	6-14-63	5.2	8-26-63	*.74
		4-10-62	*20.6	4-10-63	6.1	7- 3-63	1.2	8-29-63	.50
		4-26-62	*6.92	4-26-63	5.4	7-16-63	1.3		
1269.3	Pachaug River, at outlet of Glasgo Pond at Glasgo. Lat 41°33'24", long 71°53'23". Drainage area, 37.0 sq mi.	7-20-61	*20.6	8- 8-62	*6.76	4- 1-63	75	7- 3-63	25
		8-15-61	*7.89	10- 9-62	130	4-26-63	46	7-16-63	13
		9-18-61	*28.6	11-30-62	88	5-16-63	60	8- 1-63	13
		3-16-62	310	1- 8-63	38	5-17-63	56	8- 9-63	*7.12
		4- 5-62	220	1-31-63	52	6- 3-63	45	8-16-63	8.0
		4-10-62	*176	2-27-63	49	6-14-63	51	8-29-63	4.0
1269.4	Billings Brook, at bridge on Sibley Road, 1 mile south of Glasgo. Lat 41°32'37", long 71°53'31". Drainage area, 5.69 sq mi.	7-20-61	*5.22	8- 8-62	*3.26	4- 1-63	13	7- 3-63	3.5
		8-14-61	*4.23	9-14-62	8.0	4-26-63	7.7	7-16-63	2.7
		9-18-61	*5.38	9-19-62	*4.47	5-16-63	12	8- 1-63	3.7
		3-16-62	33	10- 1-62	8.0	5-17-63	11	8- 9-63	*2.46
		4- 5-62	26	10- 9-62	22	6- 3-63	8.9	8-16-63	2.4
		4-10-62	*26.0	10-30-62	9.0	6-14-63	7.2	8-29-63	2.0
		4-26-62	*10.4	3- 8-63	*25.8				

* Streamflow measurement

Table 11.--Streamflow records at partial-record gaging stations--Continued

		Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
1269.8	Pachaug River at outlet of Hopeville Pond at Hopeville. Lat 41°36'35", long 71°56'31". Drainage area, 58.6 sq mi.	10- 5-60	*84.8	4-30-62	*89.9	2-28-63	91	7- 3-63	40
		7-20-61	*39.7	8- 9-62	*10.9	4- 1-63	155	7-16-63	20
		8-15-61	*14.6	10- 1-62	52	4-26-63	84	8- 1-63	24
		9-20-61	*40.1	10-30-62	110	4-30-63	110	8-12-63	*7.83
		3-16-62	440	12- 3-62	130	5-17-63	120	8-16-63	13
		4- 6-62	280	1- 8-63	75	6- 3-63	105	8-26-63	*8.54
		4- 9-62	*261	1-31-63	100	6-14-63	105	8-29-63	9.0
1271	Broad Brook, at bridge on State Highway 164, 1.8 miles north of Preston City. Lat 41°33'14", long 71°58'15". Drainage area, 12.7 sq mi.	10- 5-60	*5.07	4- 2-62	165	10- 9-62	33	7- 3-63	4.6
		8-14-61	*3.25	4- 5-62	48	11- 6-62	22	7-16-63	3.2
		9- 7-61	5.5	4-11-62	*44.8	12- 5-62	26	7-17-63	*2.26
		9-18-61	*5.60	6-12-62	16	4-26-63	16	8- 1-63	6.4
		1-19-62	30	8- 8-62	*1.77	4-30-63	19	8-13-63	*1.68
		2- 7-62	35	9- 5-62	4.0	5-17-63	22	8-16-63	4.1
		3- 8-62	28	9-14-62	1.9	6- 3-63	16	8-29-63	1.3
		3-16-62	74	10- 1-62	6.6	6-14-63	16	9-12-63	.70
		3-21-62	*35.4						

* Streamflow measurement