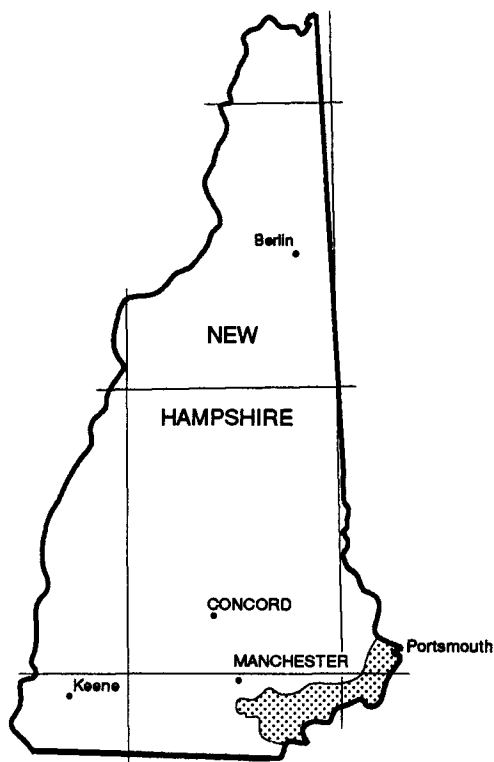


Geohydrologic, Ground-Water Quality, and Streamflow Data for the Stratified-Drift Aquifers in the Lower Merrimack and Coastal River Basins, Southeastern New Hampshire

U.S. GEOLOGICAL SURVEY

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STATE OF NEW HAMPSHIRE
DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER RESOURCES DIVISION

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Derry, continued				
DFW 424	0	2	111SWMP	Black organic muck
	2	12	112SRFD	Silt to medium sand; mostly medium sand, dark brown
	12	17	112SRFD	Sand, medium to very coarse, red-brown; moderately sorted
	17	25	112SRFD	Sand, medium to very coarse, brown; some pebbles and granules
	25	40	112SRFD	Trace of medium sand to very coarse sand, brown; mostly very coarse sand
	40	43.2	112SRFD	Sand, fine to medium, brown; mostly fine sand
	43.2	47	112SRFD	Sand, very fine, light brown; well sorted
	47	70	112SRFD	Sand, very fine to fine, light brown; well sorted
	70	75	112SRFD	Sand, coarse to very coarse; some cobbles, subrounded
	75	--	112TILL	Till, cobbly, gray
East Kingston				
EAA 1	0	7	111FILL	Sand and gravel
	7	--	112TILL	Till
EAA 2	0	7	112SRFD	Sand, very fine to gravel (15mm); poorly sorted
	7	--	112TILL	Till
EAA 3	0	7	111FILL	Till
	7	13	112MRIN	Silt to very fine sand, gray-brown; some clay
	13	--	112TILL	Till
EAB 1	0	2.2	111SOIL	Topsoil
	2.2	13.8	112SRFD	Sand, firm, tan
	13.8	16.2	112MRIN	Sand, brown; some clay layers
	16.2	19.5	112SRFD	Sand and gravel
	19.5	20.8	112MRIN	Sand, brown; some clay layers
	20.8	--	112TILL	Till, sandy
Greenland				
GTA 1	0	45	112SRFD	Silt to coarse sand, brown; many cobbles (25-50 mm)
	45	--	112TILL	Silt to gravel; mostly silt; poorly sorted
GTA 2	0	7	112MRIN	Clay
	7	--	112GLCL	Clay and "sharp" gravel
GTA 3	0	8	112SRFD	Gravel, large, "sharp"
	8	24	112SRFD	Sand, fine; "sharp", dirty gravel; trace clay
	24	--	112SRFD	Gravel, large, broken; some coarse sand
GTA 4	0	14	112SRFD	Sand, fine, brown
	14	--	112GLCL	Clay and "sharp", dirty, brown gravel
GTA 6	0	7	112SRFD	Sand, brown and "sharp" gravel
	7	--	112MRIN	Clay and fine, brown sand
GTA 7	0	--	112TILL	Hardpan
GTA 8	0	--	112TILL	Hardpan
GTA 9	0	--	112SRFD	Sand and gravel, brown
GTA 10	0	--	112TILL	Hardpan
GTA 16	0	--	112SRFD	Sand and gravel, brown
GTA 17	0	8	112SRFD	Sand and gravel, brown
	8	32	112MRIN	Clay, brown
	32	45	112SRFD	Sand and gravel, gray; some clay
	45	--	112GLCL	Clay, gray and "sharp" gravel

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Greenland, continued				
GTA 18	0	19	112MRIN	Clay
	19	--	112MRIN	Sand, "sharp" gravel, and clay
GTA 19	0	14	112MRIN	Clay
	14	--	112GLCL	Clay and "sharp" gravel
GTA 20	0	--	112MRIN	Sand, brown and gray clay
GTA 21	0	18	112MRIN	Clay
	18	--	112GLCL	Clay and "sharp" gravel
GTA 22	0	28	112MRIN	Clay, brown and gray
	28	63	112MRIN	Clay and fine sand, gray
	63	--	112GLCL	Clay and "sharp" gravel
GTA 23	0	--	112MRIN	Sand and gravel, brown, and gray clay
GTA 24	0	28	112GLCL	Clay, brown to gray and "sharp" gravel
	28	57	112SRFD	Sand, fine, gray
	57	--	112MRIN	Clay and "sharp" sand, gray
GTA 25	0	21	112MRIN	Clay, brown, "sharp" gravel and fine sand
	21	28	112MRIN	Sand, fine, reddish to brown; some clay
	28	43	112MRIN	Clay and fine, brown sand
	43	--	112SRFD	Sand, fine, gray
GTA 26	0	21	112MRIN	Clay and fine sand
	21	28	112SRFD	Sand, fine, brown
	28	--	112GLCL	Clay and "sharp" gravel
GTA 31	0	13	112SRFD	Sand and gravel, brown
	13	--	112SRFD	Sand and gravel, gray; some clay
GTA 32	0	17	112MRIN	Clay
	17	--	112GLCL	Clay and "sharp" gravel
GTA 33	0	14	112MRIN	Clay and fine, brown sand
	14	23	112MRIN	Clay, brown sand, and gravel
	23	--	112GLCL	Clay and "sharp", gray gravel
GTA 34	0	28	112MRIN	Sand, fine, brown; some clay
	28	--	112MRIN	Clay, fine sand, and "sharp", gray gravel
GTA 35	0	18	112MRIN	Clay
	18	--	112GLCL	Clay and "sharp" gravel
GTW 1	0	--	112SRFD	Sand and gravel
GTW 8	0	35	112ICCC	Sand and gravel
	35	36	112ICCC	Sand, fine
	36	63	112ICCC	Sand and gravel
	63	--	112ICCC	Gravel
GTW 9	0	87	112ICCC	Gravel
	87	--	BEDROCK	
GTW 10	0	80	112ICCC	Sand, fine
	80	--	BEDROCK	Kittery formation bedrock
GTW 12	0	10	112ICCC	Sand, silty, gravelly, brown-gray
	10	28	112ICCC	Sand, coarse, silty, brown-gray
	28	36	112ICCC	Silt and sand, laminated
	36	--	112TILL	Silt, sandy, gravelly

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Greenland, continued				
GTW 13	0	30	112MRIN	Clay, gray
	30	35	112MRIN	Clay, sandy, gray
	35	--	112TILL	Till, sandy, silty, gravelly; some rocks
GTW 14	0	10	112OTSH	Sand, fine, brown
	10	25	112MRIN	Clay, gray
	25	--	112TILL	Till, silty, sandy, gravelly, gray
GTW 15	0	10	112ICCC	Sand, silty, gravelly, brown
	10	--	112MRIN	Clay, gray
GTW 16	0	--	112ICCC	Sand, gravelly; some brown clay lenses
GTW 17	0	36	112SRFD	Sand, fine, brown
	36	44	112SRFD	Sand, silty, gray
	44	--	112TILL	Till, silty, sandy, gravelly, gray
GTW 18	0	10	112MRIN	Clay, sandy, gray
	10	--	112MRIN	Clay and sand, fine, brown
GTW 19	0	--	112ICCC	Sand, silty, gravelly; some clay lenses
GTW 20	0	10.6	112MRIN	Clay, yellow and sand, fine
	10.6	--	112ICCC	Sand and gravel
GTW 22	0	22.9	112MRIN	Clay, sand and gravel, mixed
	22.9	27.7	112ICCC	Sand, fine
	27.7	--	112ICCC	Gravel (broken ledge?)
GTW 23	0	37.6	112MRIN	Sand, fine; some clay
	37.6	--	112ICCC	Sand and gravel
GTW 24	0	19.2	112MRIN	Clay and sand, fine
	19.2	25.2	112MRIN	Sand, fine
	25.2	--	112TILL	Clay, sand, and gravel (broken ledge?)
GTW 26	0	13.6	112MRIN	Clay, yellow
	13.6	19.1	112MRIN	Clay, blue
	19.1	24.4	112GLCL	Clay and gravel
	24.4	--	112TILL	"Ledge gravel"
GTW 27	0	13.1	112GLCL	Clay and gravel
	13.1	--	112TILL	Clay, sand, and gravel
GTW 28	0	12.4	112MRIN	Clay
	12.4	--	112TILL	"Ledge gravel"
GTW 29	0	24	112SRFD	Sand, fine, brown and "sharp" gravel
	24	--	112SRFD	Sand and gravel, "sharp", brown; trace clay
GTW 30	0	7	112SRFD	Gravel, large, broken
	7	21	112SRFD	Sand and gravel, light brown
	21	35	112MRIN	Clay and fine, brown sand; some "sharp" gravel
	35	42	112SRFD	Sand and "sharp" gravel, gray to brown
	42	--	112SRFD	Gravel, "sharp", broken, gray
GTW 31	0	21	112SRFD	Sand, fine, brown; some gravel
	21	28	112SRFD	Sand, fine, brown; trace clay
	28	35	112SRFD	Sand, fine, red to brown; some gravel
	35	51	112SRFD	Sand, dark red to brown; trace clay
	51	--	112MRIN	Clay and fine, gray sand; some gravel

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Greenland, continued				
GTW 33	0	14	112SRFD	Gravel, "sharp"; some brown sand
	14	24	112MRIN	Clay, gray and brown sand
	24	--	112TILL	Hardpan
GTW 34	0	21	112SRFD	Gravel, "sharp", dirty; some coarse sand
	21	28	112MRIN	Clay, gray and fine, brown sand
	28	36	112MRIN	Clay, gray
	36	--	112GLCL	Clay, gray and "sharp" gravel
GTW 39	0	28	112SRFD	Sand and gravel, brown
	28	--	112SRFD	Sand and gravel, gray
GTW 40	0	24	112SRFD	Gravel, hard, compact and Hardpan
	24	42	112MRIN	Clay and fine, brown sand
	42	56	112SRFD	Fine to coarse sand, brown
	56	--	112GLCL	Clay and "sharp" gravel
GTW 41	0	28	112MRIN	Clay
	28	32	112GLCL	Clay and "sharp" gravel
	32	--	112SRFD	Fine, brown sand and "sharp" gravel
GTW 43	0	47	112MRIN	Clay, gray
	47	63	112SRFD	Sand, fine, gray
	63	--	112SRFD	Sand and gravel, gray
GTW 44	0	54	112MRIN	Clay and fine sand, gray
	54	--	112SRFD	Gravel, gray
GTW 46	0	28	112SRFD	Sand and gravel, coarse, light brown
	28	35	112SRFD	Sand, "sharp", brown
	35	45	112SRFD	Sand, "sharp", reddish brown
	45	58	112SRFD	Sand and gravel, sharp, gray-brown; some clay
	58	--	112SRFD	Sand and gravel, coarse, "sharp", gray
GTW 48	0	30	112SRFD	Sand, fine to coarse, brown; some gravel
	30	--	112MRIN	Clay and fine, gray sand; some gravel
GTW 49	0	20	112SRFD	Gravel, "sharp"
	20	30	112SRFD	Gravel, "sharp"; trace of clay
	30	--	112SRFD	Sand and gravel, coarse, brown
GTW 52	0	28	112SRFD	Sand, fine, light brown; some gravel
	28	35	112SRFD	Sand and gravel, coarse, brown
	35	40	112SRFD	Sand, fine, dirty, brown
	40	--	112SRFD	Sand, fine and large gravel, "sharp", gray
GTW 55	0	28	112SRFD	Sand and gravel, brown
	28	--	112MRIN	Clay, gray, brown sand, and gravel
GTW 57	0	28	112SRFD	Sand, fine, brown and "sharp" gravel
	28	33	112MRIN	Sand and gravel, brown, "sharp"; some clay
	33	42	112SRFD	Sand and gravel, "sharp", brown
	42	56	112SRFD	Sand, fine, reddish to brown
	56	--	112MRIN	Clay and fine, gray sand; some "sharp" gravel
GTW 59	0	8	112SRFD	Sand, fine, brown; some gravel
	8	11.5	112MRIN	Sand, fine; some organic matter
	11.5	15	112MRIN	Clay and silt, gray-brown; some fine sand layers
	15	--	112GLCL	Clay, silty; some rounded gravel
GTW 64	0	35	112MRIN	Clay, sand and gravel, brown
	35	43	112SRFD	Sand, fine, brown
	43	--	112MRIN	Sand, brown and gravel; some clay

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Greenland, continued				
GTW 65	0	35	112MRIN	Clay and fine, brown sand
	35	40	112MRIN	Sand, medium, brown; some clay
	40	46	112SRFD	Sand, fine to medium, brown
	46	--	112SRFD	Gravel, gray; some fine sand
GTW 72	0	28	112MRIN	Clay, brown
	28	42	112GLCL	Clay and "sharp" gravel
	42	--	112SRFD	Sand and gravel, gray
GTW 77	0	5	112SRFD	Gravel, sandy, brown
	5	9	112SRFD	Sand, fine to medium, yellowish brown
	9	13	112SRFD	Sand, silty, gray
	13	15.5	112MRIN	Silt, clayey
	15.5	30	112MRIN	Clay and silt, gray
GTW 79	30	--	112MRIN	Silt, gravelly; some sand, silty
	0	3	112SRFD	Sand, fine to medium, light brown; well sorted
	3	37	112SRFD	Sand, medium to coarse, light brown; well sorted
	37	47	112SRFD	Sand, medium to coarse, brown; mostly coarse sand; trace of fine sand
	47	48	112SRFD	Sand
	48	48.4	112SRFD	Sand, iron oxidized
	48.4	70	112SRFD	Sand, fine to medium, red-brown; some coarse sand; moderately sorted
70	--	112TILL	Till	
GTW 92	0	10	110SDMN	Gravel, fine
	10	60	112MRIN	Clay, gray
	60	--	110SDMN	Gravel, "Stoney"
GTW 97	0	45	110SDMN	Sand
	45	50	110SDMN	Sand and gravel
	50	--	BEDROCK	
Hampton				
HEA 9	0	--	112SRFD	Sand, fine to medium, brown
HEA 10	0	19	112SRFD	Sand, fine to medium and large gravel; trace clay
	19	22	112MRIN	Clay and fine sand
	22	--	112MRIN	Sand, fine to medium, brown; some clay and small gravel
HEA 11	0	6	111SWMP	Peat
	6	28	112MRIN	Clay and fine sand, gray
	28	--	112MRIN	Clay and fine sand, gray; some "sharp" gravel
HEA 12	0	--	112MRIN	Clay and fine sand, gray
HEA 13	0	20	112GLCL	Clay, blue and "sharp" gravel
	20	--	112MRIN	Clay, blue and fine, silty sand; some gravel
HEA 15	0	20	112MRIN	Clay and sand
	20	66.8	112MRIN	Clay; some fine sand
	66.8	--	112GLCL	Clay and "sharp" gravel
HEB 12	0	34.7	112SRFD	Sand, "sharp", gray; some gravel
	34.7	37.7	112MRIN	Clay, soft, blue
	37.7	--	112TILL	Till, sandy
HEB 13	0	15	112SRFD	Sand and gravel
	15	20	112SRFD	Cobbles
	20	25	112SRFD	Sand and gravel
	25	45	112MRIN	Clay and silt; some cobbles
	45	--	112TILL	Till, sandy

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Hampton, continued				
HEB 14	0	0.5	111EOLN	Topsoil
	0.5	5	112SRFD	Sand and gravel
	5	7	112SRFD	Boulders
	7	13	112SRFD	Sand and gravel
	13	--	112TILL	Till, sandy
HEW 3	0	9	112SRFD	Sand and gravel
	9	9.5	112MRIN	Clay and sand, fine
	9.5	--	112SRFD	Sand and gravel
HEW 7	0	3	112SRFD	Sand
	3	15	112SRFD	Gravel, silty
	15	35	112SRFD	Sand, coarse; little gravel
	35	--	112SRFD	Gravel, coarse
HEW 12	0	30	112SRFD	Sand
	30	--	BEDROCK	Gneiss bedrock
HEW 13	0	20	112MRIN	Sand, fine, brown and large stones; some clay
	20	--	112MRIN	Clay and fine sand, brown
HEW 14	0	18	112MRIN	Clay, topsoil, and stones
	18	45	112SRFD	Sand, medium to coarse; some gravel
	45	56	112SRFD	Sand, fine to coarse
	56	--	112TILL	Hardpan
HEW 17	0	9	110SDMN	Mud and silt
	9	22	112MRIN	Clay and fine sand; some gravel
	22	33	112SRFD	Sand, fine to medium; some gravel
	33	57	112SRFD	Sand, fine
	57	59	112MRIN	Sand and gravel; some clay
	59	--	112TILL	Hardpan
HEW 18	0	20	112MRIN	Sand, fine and gravel, brown; some clay
	20	54	112MRIN	Clay and fine sand, gray
	54	--	112MRIN	Clay and fine gray sand; some "sharp" gravel
HEW 22	0	20	112MRIN	Sand, fine to medium, brown; some gravel and clay
	20	51.5	112MRIN	Clay and fine sand, brown
	51.5	--	112MRIN	Sand, fine, gray; some clay and "sharp" gravel
HEW 24	0	10	111FILL	Topsoil
	10	30	112SRFD	Sand, coarse, brown and boulders
	30	35	112SRFD	Gravel, coarse, gray-brown
	35	62.5	112SRFD	Sand and gravel, coarse, brown
	62.5	--	112SRFD	Sand, fine to medium, gray
HEW 25	0	42.4	112SRFD	Sand, medium to coarse, brown; some fine sand
	42.4	--	112SRFD	Changing to fine gray sand
HEW 27	0	--	112SRFD	Sand, fine to coarse, brown; some round gravel
HEW 28	0	1	111SOIL	Silt to very fine sand, organic, dark brown
	1	10	112SRFD	Sand, very fine, light brown, well sorted
	10	26	112SRFD	Sand, fine to medium, light brown; some round cobbles (50mm)
	26	46	112SRFD	Sand, very fine, brown, well sorted
	46	50	112SRFD	Mostly very fine sand; trace coarse sand
	50	--	112TILL	Till
HEW 37	0	2	111SOIL	Topsoil
	2	15	112MRIN	Clay, tan
	15	20	112MRIN	Sand, tan and clay, gray
	20	23	112SRFD	Sand, fine; some gray silt and broken gravel
	23	--	112SRFD	Silt, sand, fine to medium, and gravel, brown

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Hampton Falls				
HFA 1	0	0.5	111SOIL	Topsoil
	0.5	28	112MRIN	Clay, brown and gray
	28	33	112SRFD	Sand, fine to medium, brown; trace of clay
	33	--	112MRIN	Sand, very fine, brown; some clay
HFA 2	0	5	112MRIN	Clay and sand, fine, brown
	5	15	112MRIN	Clay, brown
	15	35	112MRIN	Clay, gray
	35	--	112SRFD	Clay and sand, fine, gray
HFA 3	0	15	112MRIN	Clay, brown
	15	35	112MRIN	Clay, gray
	35	--	112MRIN	Clay, sand, and gravel, fine
HFA 4	0	30	112MRIN	Clay, blue
	30	--	112MRIN	Clay, blue; some sand and gravel
HFA 5	0	5	112MRIN	Clay and sand, compact
	5	30	112MRIN	Clay, sand, and gravel, fine to coarse
	30	--	112TILL	Clay, sand and gravel, coarse, compact
HFA 9	0	5	111SWMP	Peat
	5	48	112MRIN	Clay, gray
	48	--	112TILL	Clay and sand, fine; some "sharp" gravel
HFA 10	0	5.5	112SRFD	Sand, fine to coarse, and cobbles
	5.5	17.5	112SRFD	Sand, fine to coarse
	17.5	23.5	112SRFD	Sand, fine to medium, and gravel
	23.5	--	112SRFD	Sand and gravel, fine to coarse; some clay
HFA 11	0	--	112GLCL	Clay, compact, sand, and cobbles
HFA 14	0	--	112GLCL	Clay, sand, and gravel, compact
HFB 1	0	5	111SWMP	Muck
	5	6	112SRFD	Sand
	6	10	112MRIN	Clay and silt
	10	15	112MRIN	Silt and sand, fine; some gravel
	15	--	112TILL	Till, sandy
HFB 2	0	5	111FILL	Gravel
	5	9	112SRFD	Sand and large gravel
	9	--	112TILL	Till, sandy
HFB 4	0	2	111EOLN	Topsoil
	2	10	112SRFD	Sand and gravel; some silt
	10	14	112MRIN	Clay and silt
	14	20	112SRFD	Sand, fine; some silt
	20	25	112SRFD	Gravel, coarse
	25	--	112SRFD	Sand and gravel
HFW 7	0	30	112OTSH	Sand
	30	60	112TILL	Till
	60	--	BEDROCK	
HFW 16	0	0.5	111SOIL	Topsoil
	0.5	20	112MRIN	Clay, brown and gray
	20	--	112GLCL	Sand, fine to medium, brown; some stones; trace of clay

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Kensington				
KFW 4	0	15	112SRFD	Sand
	15	24	112TILL	Till
	24	--	BEDROCK	
KFW 7	0	38	112SRFD	Silt and fine sand, rocky
	38	48	112SRFD	Sand, fine to coarse and coarse gravel
	48	--	BEDROCK	
KFW 12	0	18	112SRFD	Sand and gravel, fine to medium
	18	24	112SRFD	Sand, fine to medium
	24	48	112MRIN	Clay and sand, fine
	48	60	112SRFD	Sand, fine to medium
	60	--	112MRIN	Silt and sand, fine
KFW 13	0	21	112SRFD	Sand, fine to medium, brown; trace of clay
	21	33	112SRFD	Sand, fine, brown; trace of clay
	33	57	112SRFD	Sand, very fine, brown and gray; trace clay
	57	--	112MRIN	Clay and sand, very fine, brown and gray
KFW 14	0	18	112SRFD	Sand and gravel, fine to medium
	18	24	112SRFD	Sand and gravel, fine to coarse
	24	30	112SRFD	Silt and sand, fine to medium
	30	36	112SRFD	Sand, fine
	36	60	112SRFD	Sand, fine to medium, gray
	60	--	112MRIN	Clay and sand, fine
KFW 15	0	2	112SRFD	Sand, fine, brown
	2	18	112MRIN	Clay, brown and gray
	18	24	112SRFD	Sand, very fine, brown; trace of clay
	24	36	112SRFD	Sand, fine, brown; trace of clay
	36	42	112SRFD	Sand, fine, brown to gray; trace of clay
	42	--	112MRIN	Clay and sand, fine, gray
KFW 17	0	2	111SOIL	Silt, dark brown to pebbles; mostly silt and fine sand
	2	12	112SRFD	Sand, fine to medium, brown, with pebbles and cobbles
	12	20	112SRFD	Sand, fine to medium, brown; mostly medium sand, well sorted
	20	24	112SRFD	Silt to very coarse sand, brown; mostly coarse sand; poorly sorted
	24	52	112TILL	Till, sandy
	52	--	112TILL	Cobbles and pebbles; with silt caps, sandy
KFW 18	0	2	111SOIL	Silt, dark brown and medium sand
	2	12	112SRFD	Sand, fine, brown; some medium sand; well sorted
	12	32	112MRIN	Silt to very fine sand, brown; mostly very fine sand
	32	76	112MRIN	Clay, very soft, uniform, gray
	76	82	112TILL	Sand, fine to medium, gray, compact; poorly sorted
	82	--	112TILL	Silt to coarse sand, gray; some pebble gravel; poorly sorted
KFW 19	0	2	111SOIL	Silt to medium sand; mostly fine sand, brown
	2	4	112SRFD	Silt to medium sand; mostly medium sand, brown
	4	12	112MRIN	Clay, silty, brown
	12	14	112SRFD	Fine to medium, brown; trace granules; mostly medium sand
	14	18	112SRFD	Sand, fine to granule, red-brown (iron oxidized); mostly coarse sand
	18	22	112SRFD	Sand, fine to coarse, red-brown; some granules; mostly coarse sand
	22	30	112MRIN	Clay?, silty, brown
	30	37	112MRIN	Sand, Fine to medium, red-brown; trace silt and granules; mostly fine sand
	37	49	112MRIN	Clay? and fine sand
49	--	112TILL	Till	

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Kingston				
KTA 1	0	6	112SRFD	Sand, very fine to trace of pebble (1.5mm); mostly fine sand
	6	15	112SRFD	Sand, very fine to pebble (1mm); mostly very fine sand
	15	16	112SRFD	Sand, very fine to fine; mostly fine sand
	16	19	112SRFD	Sand, fine to pebble (1mm); mostly coarse sand
	19	20	112MRIN	Silt to very coarse sand; mostly fine sand
	20	21.5	112SRFD	Sand, very fine to very coarse; mostly fine sand
KTA 2	21.5	--	112MRIN	Silt to very coarse sand, gray
	0	8	112SRFD	Sand and gravel, brown; some cobbles
	8	12	112SRFD	Sand, fine to coarse; some pebble gravel
	12	17	112SRFD	Sand, fine to coarse, poorly sorted
	17	--	112SRFD	Sand, very fine to very coarse, olive to gray
KTA 3	0	10	112SRFD	Sand, coarse; some pebble gravel and cobbles
	10	26.5	112SRFD	Sand, fine to coarse, silty, gray
	26.5	--	BEDROCK	Pegmatitic bedrock
KTA 4	0	14	112SRFD	Sand and gravel, medium to coarse; poorly sorted
	14	20	112SRFD	Fine to medium, silty
	20	40	112TILL	Sand, very fine to very coarse, gray, compact
	40	--	BEDROCK	Micaceous schist
KTA 16	3	7	112SRFD	Silt and fine sand
	7	20	112MRIN	Clay and silt
	20	--	112MRIN	Clay and silt; with sand at 41 and 46 feet
KTA 17	2	14	112SRFD	Sand, fine to coarse; mostly coarse sand
	14	20	112SRFD	Sand, fine to very fine
	20	--	112MRIN	Clay, silt, and sand
KTA 19	0	23.7	112NRSR	Sand, very fine to fine
	23.7	40	112MRIN	Sand, very fine to fine; laminated with clay
	40	52	112MRIN	Clay, silt, and sand, very fine to fine
	52	--	112TILL	Clay matrix
KTW 9	0	100	112OTSH	Silt and sand
	100	--	BEDROCK	
KTW 20	0	3.3	111SWMP	Peat; trace of silt
	3.3	9	112SRFD	Sand, fine to medium; trace of cobbles
	9	18	112SRFD	Sand, fine to coarse; trace of silt and cobbles
	18	22	112SRFD	Silt and sand, fine to coarse, brown; trace cobbles
	22	33	112SRFD	Cobbles; trace of fine to medium sand
	33	--	112TILL	Till, sandy
KTW 21	0	3.3	111EOLN	Clay and gravel; some fine to coarse sand
	3.3	4.6	112SRFD	Sand, fine to medium
	4.6	12.5	112SRFD	Sand, fine to medium, tan
	12.5	17.5	112SRFD	Silt and sand, fine to medium; trace cobbles
	17.5	22.5	112SRFD	Sand, medium to coarse, brown
	22.5	26.7	112SRFD	Gravel; trace of sand
	26.7	--	112TILL	Till, sandy
KTW 22	0	13.3	111SWMP	Peat
	13.3	19.2	111SWMP	Clay and silt; some peat
	19.2	22.5	112SRFD	Sand, fine to medium; trace of silt
	22.5	--	112TILL	Till, sandy

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aqui-fer code	Lithology
Kingston, continued				
KTW 23	0	2	110SOIL	Topsoil
	2	7	112SRFD	Silt, sand, fine to coarse, and gravel; some cobbles
	7	15	112SRFD	Cobbles; some sand, gray-brown
	15	21	112SRFD	Sand and gravel, fine to coarse, brown; and cobbles
	21	27	112SRFD	Sand, fine to coarse, and gravel, brown; and cobbles
	27	--	112TILL	Till, sandy
KTW 24	0	2	111EOLN	Topsoil
	2	7	112SRFD	Silt, sand, medium to coarse, and gravel, brown; some cobbles
	7	11	112SRFD	Sand, silty, gray-brown
	11	--	112TILL	Till, silty, gray-brown
KTW 25	0	2	111EOLN	Topsoil
	2	7	112SRFD	Silt, sand, fine to coarse, and gravel, brown; some cobbles
	7	10	112SRFD	Sand, fine to medium, brown; well sorted
	10	12	112SRFD	Cobbles and sand, fine to medium, brown
	12	17	112SRFD	Silt, sand, and gravel; some gray-brown clay
	17	20	112SRFD	Sand, medium to coarse, brown; well sorted
	20	22.5	112MRIN	Clay and silt, gray-brown
	22.5	27	112SRFD	Sand, fine to medium, brown; well sorted
	27.5	--	112TILL	Till, sand, silt and cobbles
KTW 39	0	12	111SWMP	Organic muck
	12	17	112SRFD	Sand, very fine to granule; mostly fine sand
	17	22	112SRFD	Sand, very fine to granule; mostly very coarse sand
	22	27	112SRFD	Sand and gravel; mostly coarse sand
	27	32	112SRFD	Sand, very fine to pebble; mostly fine sand
	32	--	112TILL	Till
KTW 40	0	12	112SRFD	Sand, fine
	12	22	112SRFD	Sand, very fine to pebble; mostly fine sand
	22	23	112SRFD	Sand, medium to coarse; mostly medium sand
	23	27	112SRFD	Sand, very fine to fine; mostly fine sand
	27	30	112SRFD	Sand, medium to pebble (10mm); mostly coarse sand
	30	32	112SRFD	Sand, very fine to coarse; mostly medium sand
	32	37	112SRFD	Sand, fine to coarse; mostly fine sand
	37	--	112TILL	Till
KTW 41	0	12	112SRFD	Sand, very fine to fine; mostly fine sand
	12	17	112SRFD	Silt to very fine sand; mostly very fine sand
	17	22	112SRFD	Sand, very fine to pebble (10mm); mostly very coarse sand
	22	27	112SRFD	Sand, very fine to granule; mostly coarse sand
	27	32	112SRFD	Sand, fine to pebble (25mm); mostly medium sand
	32	48	112SRFD	Silt to pebble (25mm); mostly fine to coarse sand
	48	--	112SRFD	Sand, very fine to pebble (8mm); mostly fine sand
KTW 42	0	17	112SRFD	Sand and gravel; some pebbles; mostly medium sand
	17	22	112SRFD	Sand; trace of fine to pebble, light brown; mostly coarse sand
	22	27	112SRFD	Sand, very fine to pebble, red-brown; mostly very coarse sand
	27	47	112SRFD	Sand, very fine to pebble, red-brown; mostly very coarse sand
	47	57	112SRFD	Sand, fine to pebble (10mm), brown; mostly very coarse sand
	57	--	112SRFD	Sand, trace of medium to granule; mostly very coarse sand
KTW 45	0	7	112SRFD	Sand, very fine to pebble; poorly sorted
	7	12	112SRFD	Sand, very fine to pebble (30mm); mostly medium sand
	12	17	112SRFD	Silt to pebble; mostly fine to coarse sand
	17	17.5	112SRFD	Sand; trace of very fine to granule; mostly very coarse sand
	17.5	22	112MRIN	Clay and sand
	22	27	112MRIN	Clay and sand, compact
	27	27.5	112MRIN	Sand, fine, gray; trace of coarse sand
	27.5	27.8	112SRFD	Sand, fine to pebble, brown; mostly coarse sand
	27.8	28.5	112SRFD	Sand, very fine to trace of pebble; mostly fine sand
	28.5	31	112SRFD	Sand, fine to medium; mostly fine sand
31	--	112TILL	Sand, very fine to pebble (30mm); poorly sorted	

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Kingston, continued				
KTW 46	0	7	112SRFD	Sand; trace of very fine to pebble; mostly coarse sand
	7	12	112SRFD	Sand; trace of very fine to pebble (30mm); mostly very coarse sand
	12	--	112OTSH	Cobbles and boulders
KTW 47	0	21.1	110LAKE	Soft, organic sediments
	21.1	36.1	112OTSH	Sand
	36.1	--	112TILL	Till, hard, compact
KTW 48	0	21.5	110LAKE	Soft, organic sediments
	21.5	31.5	112OTSH	Sand
	31.5	--	112TILL	Till, hard, compact
KTW 49	0	16.7	112ICCC	Sand and gravel
	16.7	19.6	112TILL	Till, hard, compact
	19.6		BEDROCK	
KTW 50	0	34.3	110LAKE	Soft, organic sediments
	34.3	54.3	112OTSH	Sand
	54.3	--	112TILL	Till, hard, compact
KTW 51	0	8.9	112ICCC	Sand and cobbles
KTW 71	0	--	112SRFD	Sand and gravel
KTW 77	0	1	110SOIL	Silt, brown to sand, medium
	1	5	112SRFD	Sand, medium to coarse, brown; mostly medium sand
	5	12	112SRFD	Sand, medium to coarse, brown; mostly medium sand; trace granules
	12	27	112SRFD	Sand, medium to very coarse; mostly coarse sand; some granules
	27	37	112SRFD	Sand, fine to very coarse, brown; mostly coarse sand; some pebbles
	37	50	112SRFD	Sand, fine to very coarse, brown; mostly coarse sand; trace pebbles
	50	60	112SRFD	Sand, very fine to coarse, brown; mostly coarse sand; well sorted
	60	--	112SRFD	Sand, fine to medium, gray; mostly fine sand; well sorted
KTW 78	0	2	112SRFD	Sand, fine, brown; trace granules
	2	7	112SRFD	Sand, fine, brown; trace coarse sand; well sorted
	7	12	112SRFD	Sand, fine to granule, brown; mostly sand, medium to coarse
	12	17	112SRFD	Sand, fine to coarse, brown; mostly sand, medium to coarse
	17	22	112SRFD	Sand, fine to pebble(13mm), brown; mostly coarse to very coarse sand
	22	23.7	112SRFD	Sand, medium to very coarse, tan; mostly coarse sand
	23.7	32	112SRFD	Sand, fine to medium, tan; mostly medium sand; well sorted
	32	32.9	112SRFD	Sand, fine to coarse, brown; mostly coarse sand; moderately sorted
	32.9	33.9	112SRFD	Sand, fine to medium, tan; mostly fine sand; well sorted
	33.9	42	112SRFD	Sand, fine to very coarse; trace silt; trace pebbles; poorly sorted
	42	52	112SRFD	Sand, medium to very coarse, red-tan; mostly coarse sand
	52	62	112SRFD	Sand, very fine to granule, gray; mostly fine to medium sand; poorly
	62	63.5	112SRFD	Sand, medium to very coarse, tan; mostly very coarse sand; well sorted
	63.5	77	112SRFD	Sand, very fine to fine, gray; mostly fine sand; well sorted
	77	77.8	112SRFD	Sand, fine to very coarse, gray; mostly coarse sand; moderately sorted
77.8	88	112SRFD	Sand, very fine to fine, gray; mostly very fine sand; well sorted	
88	--	112TILL	Till	
KTW 80	0	5	112SRFD	Sand, fine to cobbles, brown; mostly coarse sand; poorly sorted
	5	10	112SRFD	Sand, fine to cobbles, brown; mostly very coarse sand to small pebble
	10	20	112SRFD	Sand, fine to pebble, light brown; mostly fine to medium sand
	20	34	112SRFD	Sand, fine to medium, tan; trace pebbles; well sorted
	34	45	112SRFD	Sand, very fine, brown; well sorted
	45	50	112SRFD	Sand, fine, brown, iron-stained
	50	53	112SRFD	Sand, fine to medium; mostly fine sand, iron-stained; well sorted
	53	73	112SRFD	Sand, fine, brown, uniform; well sorted
	73	--	112SRFD	Sand, fine, gray

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Kingston, continued				
KTW 98	0	15	112SRFD	Sand and gravel
	15	115	112MRIN	Clay
	115	120	112SRFD	Sand
	120	--	BEDROCK	Bedrock
KTW 99	0	--	112SRFD	Gravel
KTW 101	0	70	112SRFD	Sand, fine
	70	88	112MRIN	Clay
	88	--	BEDROCK	Bedrock
KTW 102	0	--	112SRFD	Sand
KTW 104	0	--	112SRFD	Sand
KTW 105	0	16	112SRFD	Gravel
	16	--	BEDROCK	Bedrock
KTW 106	0	50	112SRFD	Sand
	50	--	112SRFD	Gravel
KTW 107	0	20	112SRFD	Gravel
	20	--	BEDROCK	Bedrock
KTW 108	0	--	112SRFD	Sand
KTW 109	0	--	112SRFD	Gravel
KTW 110	0	--	112SRFD	Sand and gravel
KTW 111	0	--	112SRFD	Gravel
KTW 112	0	--	112SRFD	Sand
KTW 113	0	--	112SRFD	Sand, fine
KTW 114	0	--	112SRFD	Sand, fine
KTW 115	0	--	112SRFD	Sand
KTW 116	0	--	112SRFD	Sand, fine
KTW 117	0	--	112SRFD	Sand
KTW 118	0	20	112SRFD	Sand
	20	--	BEDROCK	Bedrock
KTW 119	0	--	112SRFD	Sand
Londonderry				
LRA 1	0	7	111SWMP	Peat
	7	14	112SRFD	Sand, fine, brown
	14	--	112SRFD	Gravel, fine to medium, gray
LRA 2	0	14	112LCSR	Silt and clay
	14	21	112SRFD	Silt
	21	--	112SRFD	Sand and gravel, fine to medium
LRA 3	0	7	112SRFD	Sand, fine
	7	--	112SRFD	Sand, fine; some gravel

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Londonderry, continued				
LRA 4	0	17	112SRFD	Sand, coarse, gray-tan; some pebbles; trace of cobbles
	17	22	112SRFD	Sand, coarse, red-brown, "sharp"
	22	27	112SRFD	Sand, coarse, red-brown; trace of clay
	27	32	112SRFD	Sand, coarse, red-brown; some cobbles and boulders
	32	--	112TILL	Till, blue-gray
LRA 5	0	7	112LCSR	Silt, brown
	7	14.5	112LCSR	Silt, plyable, gray-brown
	14.5	--	112TILL	Till, compact, brown
LRA 6	0	2	110SOIL	Soil, organic
	2	8	112LCSR	Silt, gray
	8	12	112SRFD	Sand, fine and pebble gravel; mostly very coarse sand; dry
	12	--	112TILL	Till, brown
LRA 7	0	12	112SRFD	Sand, fine to coarse, brown; mostly fine sand
	12	20	112SRFD	Sand, fine to very coarse, brown; mostly coarse sand
	20	27	112LCSR	Silt, brown to very fine sand
	27	38	112LCSR	Silt, brown; some dark rhythmic clay
	38	38.2	112SRFD	Sand, medium to granule, reddish; mostly coarse sand
	38.2	38.8	112LCSR	Silt and fine to medium sand layers
	38.8	40.5	112SRFD	Sand, fine to pebble; mostly medium sand
40.5	--	112TILL	Silt to pebble, light gray, compact	
LRA 8	0	2	112SRFD	Sand, very fine to medium, dark brown
	2	9	112SRFD	Sand and cobbles, medium to coarse; some pebbles
	9	--	112SRFD	Silt and medium to coarse sand; trace granules
LRA 9	0	--	112SRFD	Sand, fine to medium, brown; trace silt
LRA 10	0	22	112SRFD	Sand, fine to medium, brown and gravel; trace of silt
LRA 11	0	3.5	111SWMP	Peat
	3.5	15	112SRFD	Sand, silty, brown
	15	20	112SRFD	Sand, fine, silty
	20	--	112TILL	Hardpan
LRA 12	0	1	111SOIL	Loam and sand
	1	19	112SRFD	Sand, fine
	19	21	112TILL	Hardpan
	21	--	112GLCL	Clay, hard and "sharp" gravel
LRA 56	0	7	112SRFD	Sand, fine to medium, yellow-brown; well sorted
	7	40.5	112TILL	Till, sandy, silty, clayey, olive-brown
	40.5	--	BEDROCK	
LRA 57	0	17	112SRFD	Sand, very fine to fine, yellow-brown; poorly sorted
	17	22	112LCSR	Sand, gray-brown; some silt and clay
	22	27	112LCSR	Clay (and silt?), gray-brown, plyable
	27	32	112LCSR	Clay (and silt?), gray-green, plyable
	32	90	112LCSR	Clay, silty; some fine gray sand
	90	--	112TILL	Till, hard, compact
LRB 12	0	7	111ALVM	Silt to gravel, dark brown; some organic matter
	7	21	112SRFD	Sand, fine, light brown; trace of silt
	21	27	112SRFD	Sand, medium to coarse; some gravel
	27	--	112TILL	Till, sandy
LRW 64	0	7	112SRFD	Sand, fine; some silt
	7	14	112SRFD	Sand, fine; some gravel
	14	--	112SRFD	Gravel, small; some sand

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Londonderry, continued				
LRW 65	0	7	111SWMP	Peat
	7	14	112SRFD	Sand, fine, and gravel
	14	35	112SRFD	Gravel, fine to medium
	35	--	112SRFD	Sand, fine, and gravel
LRW 66	0	7	111SWMP	Peat
	7	14	112SRFD	Sand, fine, brown
	14	28	112SRFD	Sand, fine to medium, gray
	28	37	112SRFD	Sand and gravel, medium
	37	--	112SRFD	Sand, very fine, gray
LRW 67	0	27	112SRFD	Sand, fine to pebble; mostly medium to coarse sand
	27	31	112SRFD	Sand, medium to pebble; mostly medium to coarse sand
	31	32	112SRFD	Sand, very fine to medium; mostly fine sand
	32	37	112LCSR	Silt to fine sand; mostly very fine sand
	37	--	112TILL	Schistose
LRW 68	0	12	112SRFD	Sand, fine to granule; mostly coarse sand
	12	17	112SRFD	Sand, medium to granule; mostly coarse to very coarse sand
	17	22	112SRFD	Silt to granule; mostly fine sand; trace pebbles
	22	--	112TILL	Silt to pebbles; mostly fine sand, compact
LRW 69	0	20	112SRFD	Sand, fine to medium; mostly medium sand; trace granules
	20	27	112LCSR	Silt, massive, brown
	27	42	112LCSR	Silt; with rhythmic clay layers
	42	52	112LCSR	Silt and clay, gray; 1mm very fine sand layers
	52	57	112LCSR	Silt to fine sand; mostly very fine sand
	57	62	112LCSR	Sand, very fine to fine; mostly very fine sand
	62	67	112SRFD	Sand, very fine to medium; mostly medium sand
	67	82	112SRFD	Sand very fine to fine, red-brown; mostly very fine sand; some silt
82	--	112TILL	Till, sandy	
LRW 70	0	12	112SRFD	Sand, very fine to medium; mostly fine sand
	12	17	112SRFD	Sand, very fine to granule, brown; mostly medium sand; trace of pebbles
	17	17.2	112SRFD	Sand, fine to pebble (1mm); mostly coarse sand
	17.2	24	112TILL	Till, sandy
	24	--	112TILL	Till, silty
LRW 71	0	23	112SRFD	Sand and gravel, coarse
	23	28	112SRFD	Sand and gravel, fine
	28	--	112SRFD	Sand, fine
LRW 72	0	--	112SRFD	Sand and gravel, brown
LRW 73	0	--	112SRFD	Sand, fine to medium, brown; some silt
LRW 74	0	--	112SRFD	fine, brown; trace silt
LRW 75	0	20.2	112TILL	Till, sandy
	20.2	--	BEDROCK	
LRW 76	0	9	112SRFD	Sand, fine, brown; trace of silt
	9	12	112LCSR	Silt, gray-brown; some fine sand
	12	--	112SRFD	Sand, fine to medium, brown; trace of silt
LRW 77	0	2	111SOIL	Topsoil
	2	16	112SRFD	Sand, fine, brown; trace of silt
	16	--	112TILL	Till, sandy
LRW 78	0	20	112SRFD	Sand, fine, brown; trace of silt
	20	25	112SRFD	Sand, fine to coarse; trace of silt
	25	49	112SRFD	Sand, fine, brown; trace of silt
	49	--	112TILL	Till, sandy

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Londonderry, continued				
LRW 79	0	1	111SOIL	Loam and sand
	1	14	112SRFD	Sand, coarse
	14	24	112SRFD	Sand, medium
	24	43	112LCSR	Clay and sand, fine
	43	--	112GLCL	Clay, sandy; some gravel
LRW 80	0	1	111SOIL	Loam and sand
	1	12	112SRFD	Sand
	12	27	112SRFD	Sand, fine
	27	33	112SRFD	Sand, soft, gray; some "sharp" gravel and clay
	33	45	112SRFD	Sand, fine to medium; some "sharp" gravel
45	--	112SRFD	Sand, fine; some "sharp" gravel	
LRW 81	0	1	111SOIL	Loam and sand
	1	21	112SRFD	Sand, fine
	21	51	112SRFD	Sand, fine; some "sharp" gravel
	51	--	112LCSR	Clay and silt
LRW 82	0	15	112SRFD	Sand, fine to medium and gravel, brown; some cobbles
	15	25	112SRFD	Sand, medium, brown
	25	50	112SRFD	Sand, medium to coarse, brown
	50	52	112SRFD	Sand, fine, brown
	52	--	112TILL	Hardpan
LRW 83	0	15	112SRFD	Sand, fine, brown
	15	20	112SRFD	Sand, medium, brown
	20	30	112SRFD	Sand, medium to coarse, brown
	30	40	112SRFD	Sand, medium, brown
	40	50	112SRFD	Sand, medium to coarse, brown
	50	--	112SRFD	Sand, medium; some silt
LRW 84	0	3	111FILL	Gravel
	3	5	111SWMP	Peat
	5	10	112SRFD	Sand, fine, brown
	10	15	112SRFD	Sand, medium
	15	20	112SRFD	Sand, medium, brown; some "sharp" gravel
	20	25	112SRFD	Sand, fine, brown
	25	30	112SRFD	Sand, medium, brown
	30	--	112TILL	Hardpan
LRW 90	0	35	112SRFD	Sand and gravel, fine to coarse
	35	--	112SRFD	Gravel, "tight"
LRW 91	0	17	112SRFD	Sand and gravel, fine to coarse
	17	21	112SRFD	Sand, fine to medium
	21	--	112TILL	Hardpan; fine sand and gravel
LRW 92	0	22	112SRFD	Sand and gravel, fine to medium, brown
	22	--	112SRFD	Sand, fine to coarse, brown; some broken stones
Newington				
NIA 1	0	2	112MRIN	Silt and very fine sand
	2	4	112MRIN	Clay, brown; trace of sand
	4	9	112MRIN	Clay, hard, brown; some silt
	9	16	112MRIN	Clay, very stiff, brown
	16	--	112TILL	Silt, sand, and gravel, fine, compact, gray
NIA 2	0	--	112TILL	Till, hard fine sand; some silt; trace gravel

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Newington, continued				
NIA 4	0	2	111FILL	Sand, fine, soft
	2	5	112MRIN	Silt and sand, fine, dark brown; trace gravel
	5	10	112MRIN	Gravel, fine to coarse; some silt and clay, brown
	10	13	112MRIN	Clay, stiff, gray-brown
	13	--	112TILL	Silt, sand, and fine gravel, brown
NIA 5	0	0.5	111SOIL	Topsoil
	0.5	2.5	112MRIN	Silt and very fine sand, gray-brown
	2.5	4.5	112MRIN	Sand, very fine, firm, brown; trace of silt
	4.5	--	112TILL	Sand, fine, compact, brown; some silt; trace of clay and gravel
NIA 6	0	3	112GLCL	Gravel and clay; some rock fragments
	3	5	112MRIN	Clay, silty, gray
	5	13	112MRIN	Clay, stiff, brown
	13	21	112SRFD	Sand, fine gray; some Fine to medium gravel; some silt
	21	--	112TILL	Till, compact, gray; some gravel and silt
NIA 7	0	4	111FILL	Sand; trace of gravel
	4	--	112MRIN	Clay, very stiff, brown
NIB 1	0	1	111SOIL	Topsoil
	1	6	112MRIN	Silt; some fine sand
	6	10.5	112MRIN	Sand, fine; some silt
	10.5	--	112GLCL	Clay and gravel; poorly sorted
NIW 8	0	15	112MRIN	Clay, yellow, sandy
	15	35	112MRIN	Clay, blue
	35	66	112TILL	Hardpan
	66	--	BEDROCK	Shale-type bedrock (rotten ledge)
NIW 9	0	5	112MRIN	Clay, yellow
	5	9	112MRIN	Clay, blue
	9	14	112TILL	Till, silt, gravel, and rocks
	14	--	BEDROCK	"Soft" bedrock
NIW 10	0	15	112SRFD	Sand, gravelly, brown
	15	25	112SRFD	Sand, uniform, gray
	25	40	112MRIN	Clay, gray-blue
	40	50	112TILL	Silt, sandy, gravelly, gray
	50	--	112TILL	Sand, fine, brown; some rock fragments
NIW 11	0	10	112SRFD	Sand, fine, brown
	10	25	112MRIN	Clay, hard, gray-blue
	25	--	112MRIN	Clay and rock fragments
NIW 12	0	20	112SRFD	Sand, and gravel, sandy, brown
	20	45	112MRIN	Clay, sandy and silt, brown
	45	--	112MRIN	Clay, sandy, gray
NIW 13	0	20	112SRFD	Sand and gravel, brown
	20	--	112MRIN	Sand, fine and gray-brown clay
NIW 14	0	17	112SRFD	Sand, coarse, gravelly, gray-brown
	17	--	112MRIN	Sand, fine and clay lenses
NIW 15	0	14	112SRFD	Sand, fine
	14	--	112MRIN	Clay and sand, fine
NIW 16	0	14	112SRFD	Sand, fine; some clay lenses
	14	22	112MRIN	Clay, blue
	22	--	112TILL	Silt, sandy, gravelly, gray

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology	
Newington, continued					
NIW 17	0	15	112SRFD	Sand, fine and brown clay lenses	
	15	30	112MRIN	Clay, gray	
	30	--	112TILL	Silt, sandy, gravelly, gray	
NIW 18	0	40	112MRIN	Clay, gray	
	40	--	112MRIN	Clay, sandy, gray	
NIW 19	0	--	112MRIN	Clay, sandy, gray	
NIW 20	0	--	112MRIN	Clay, gray	
NIW 21	0	--	112MRIN	Clay, gray	
NIW 22	0	15	112MRIN	Clay, gray	
	15	--	112MRIN	Silt, gray	
NIW 23	0	15	112SRFD	Sand, fine, brown	
	15	--	112MRIN	Clay, gray	
NIW 24	0	--	112MRIN	Clay, gray	
	0	16	112SRFD	Sand, fine, brown	
NIW 25	16	25	112MRIN	Clay, gray	
	25	--	112SRFD	Sand, gravelly; some brown clay lenses	
	0	26	112SRFD	Gravel, sandy, brown	
NIW 26	26	--	112MRIN	Clay, gray	
	0	12	112SRFD	Sand, very fine to fine, tan	
NIW 27	12	--	112MRIN	Silt and clay; few subangular, gray gravel	
	0	--	112SRFD	Sand and gravel	
NIW 32	0	3	112SRFD	Sand, medium to coarse, brown; mostly coarse sand; trace of granules	
	3	19	112SRFD	Sand, medium to coarse, brown; mostly medium sand; trace of granules	
	19	22	112SRFD	Sand, coarse, brown; well sorted	
	22	--	112MRIN	Clay, gray, silty; some brown sandy layers	
	0	17	112SRFD	Sand, medium to coarse, brown; trace of pebbles and cobbles	
NIW 35	17	22	112SRFD	Sand, coarse to very coarse, brown; mostly very coarse sand; some gravel	
	22	27	112SRFD	Sand, very coarse, brown	
	27	37	112SRFD	Sand, fine to very coarse; mostly coarse sand; some gravel	
	37	47.5	112MRIN	Clay, gray, uniform, stiff	
	47.5	48	112SRFD	Sand, very coarse; some granules	
	48	49	112SRFD	Sand, very coarse; some silt and medium sand	
	49	68	112MRIN	Clay, varved, gray; some thin very fine sand layers	
	68	72	112TILL	Till, clayey	
	72	--	112TILL	clay, gray; some coarse sand; poorly sorted	
	NIW 36	0	34	112SRFD	Sand, medium to coarse, and gravel
		34	46	112SRFD	Sand, fine to coarse, tan; some coarse gravel
46		--	112TILL	Sand; some gravel; trace of silt and clay	
NIW 37	0	1	111SOIL	Topsoil	
	1	22	112SRFD	Sand, fine to coarse, tan; some gravel and silt	
	22	26	112TILL	Till, sandy, gray-brown	
	26	--	BEDROCK	Slate-type bedrock, dark gray	
NIW 38	0	5	112SRFD	Sand, fine to medium; trace of silt	
	5	14	112SRFD	Sand and gravel; some silt at 10 feet	
	14	14.5	112SRFD	Boulders	
	14.5	18	112SRFD	Sand and gravel; little fine to coarse silt	
	18	--	360ELOT	Eliot formation bedrock	

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Newington, continued				
NIW 39	0	16	112SRFD	Sand, medium to coarse, gray-tan; little medium to coarse gravel
	16	16.5	112MRIN	Clay
	16.5	30	112SRFD	Sand, medium to coarse, gray-tan; little medium to coarse gravel
	30	32	112MRIN	Gray clay
	32	39	112MRIN	Silt and sand, fine to coarse, gray; little fine to coarse gravel
	39	44	112MRIN	Clay, gray-green
	44	65	112MRIN	Silt and very fine sand; trace of clay
	65	--	BEDROCK	Slate-type bedrock, dark gray
NIW 40	0	25	112SRFD	Sand, medium to coarse and gravel, tan
	25	35	112SRFD	Sand, fine to coarse, and gravel
	35	45	112MRIN	Clay, gray; some fine to medium sand layers
	45	51	112TILL	Clay, gray; silt, gravel, and rock fragments
	51	--	BEDROCK	Slate-type bedrock, dark gray
Newton				
NQA 1	0	16	112SRFD	Boulders
	16	--	112TILL	Hardpan
NQA 2	0	6.9	111FILL	Sand, fine, dark brown
	6.9	--	112ICCC	Boulders, large
NQA 3	0	7	112ICCC	Sand, very fine to large cobbles; mostly fine sand
	7	--	112ICCC	Boulders, large
NQA 4	0	8.9	112ICCC	Sand, very fine to cobbles
	8.9	--	112ICCC	Boulders, large
NQA 5	0	10	112SRFD	Sand and gravel
	10	--	112TILL	Hardpan
NQA 6	0	6	112SRFD	Sand
	6	--	112TILL	Hardpan
NQA 7	0	10	112SRFD	Sand and gravel
	10	--	112TILL	Hardpan
North Hampton				
NSA 3	0	--	112TILL	Clay and Hardpan
NSA 4	0	--	112TILL	Hardpan and; some clay
NSA 5	0	14	112MRIN	Clay
	14	24.5	112SRFD	Sand, fine and gravel
	24.5	30	112SRFD	Sand, fine, gray
	30	40.7	112MRIN	Clay; some fine sand
	40.7	--	112SRFD	Sand, fine and gravel
NSA 6	0	20	112GLCL	Clay and gravel
	20	--	112SRFD	Sand and gravel, brown
NSA 8	0	2	112EOLN	Silt to medium sand, dark brown; some pebbles and cobbles (25mm)
	2	6	112SRFD	Sand, fine to medium, brown; some pebbles and cobbles; poorly sorted
	6	9	112MRIN	Clay, varved, soft, blue
	9	12	112MRIN	Clay, soft, gray; trace coarse sand and granules
	12	17	112MRIN	Clay, gray to pebble gravel; mostly clay and silt
	17	19	112TILL	Silt to cobbles, olive-brown; poorly sorted
	19	--	112TILL	Silt to fine sand; some granules, pebbles and cobbles
NSA 10	0	2	112TILL	Silt to medium sand, dark brown; some angular cobbles (25mm)
	2	--	112TILL	Silt to coarse sand, olive-brown; some angular pebbles and cobbles

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
North Hampton, continued				
NSA 11	0	20	112MRIN	Sand, fine, brown; some gray sand and clay
	20	--	112MRIN	Clay and sand, fine, gray
NSA 12	0	20	112MRIN	Clay and sand, fine, brown
	20	59	112MRIN	Clay and sand, fine, gray
	59	--	112SRFD	Sand, fine, gray and small "sharp" gravel
NSA 13	0	20.5	112MRIN	Clay and fine sand, brown
	20.5	43.5	112MRIN	Clay and fine sand, gray
	43.5	--	112GLCL	Clay and "sharp" gravel, dark blue
NSA 14	0	2	111SWMP	Peat
	2	--	112MRIN	Clay, sand, fine, brown and large gravel
NSA 15	0	20	112MRIN	Clay, gray-brown
	20	35	112MRIN	Clay, gray
	35	40	112MRIN	Clay and sand, fine, gray
	40	--	112MRIN	Sand, fine, gray; some gravel and clay
NSA 16	0	2	111SWMP	Peat
	2	45	112MRIN	Clay and sand, fine, gray
	45	--	112SRFD	Sand, fine, gray; some small gravel
NSA 17	0	29.8	112GLCL	Gravel, "sharp", brown; some clay layers
	29.8	--	112TILL	Hardpan
NSA 18	0	21	112SRFD	Sand, fine to coarse and "sharp", brown gravel
	21	58	112MRIN	Clay and sand, fine, gray
	58	--	112SRFD	Gravel, "sharp", gray
NSA 19	0	21.5	112MRIN	Clay, gray
	21.5	25.7	112SRFD	Sand and gravel, coarse, gray
	25.7	30.9	112SRFD	Gravel, "sharp", gray
	30.9	--	112SRFD	Gravel, gray
NSA 20	0	20	112GLCL	Clay, blue and "sharp" gravel
	20	35	112SRFD	Sand, medium to coarse and gravel, brown
	35	--	112SRFD	Sand, fine to medium, gray; some gravel
NSA 21	0	--	112MRIN	Sand, fine and gray clay; some "sharp" gravel
NSA 23	0	36.5	112SRFD	Sand, fine to medium, brown
	36.5	--	112MRIN	Clay, gray
NSB 1	0	0.5	111EOLN	Topsoil
	0.5	12	112MRIN	Silt and silty sand
	12	55	112MRIN	Sand, silt and cobbles
	55	--	112TILL	Till, sandy
NSB 2	0	3	111SOIL	Topsoil
	3	10	112MRIN	Silt
	10	24	112MRIN	Clay and silt
	24	29	112SRFD	Sand and gravel
	29	--	112TILL	Till, sandy
NSB 3	0	0.5	111EOLN	Topsoil
	0.5	--	112TILL	Hardpan
NSB 4	0	1	111EOLN	Topsoil
	1	6	112MRIN	Sand, silty
	6	18	112MRIN	Clay and silt
	18	--	112TILL	Till, sandy

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
North Hampton, continued				
NSW 1	0	20	112SRFD	Gravel
	20	80	112MRIN	Clay and silt, gray
	80	--	BEDROCK	
NSW 6	0	45	112SRFD	Gravel
	45	80	112MRIN	Clay
	80	--	BEDROCK	
NSW 16	0	12	112SRFD	Sand and gravel
	12	--	112GLCL	Clay and gravel
NSW 18	0	12	112SRFD	Sand and gravel
	12	--	112MRIN	Clay, sand, and gravel
NSW 19	0	12.3	112SRFD	Sand and gravel
	12.3	17.8	112MRIN	Clay
	17.8	--	112MRIN	Clay, sand, gravel, and broken bedrock
NSW 20	0	12.3	112SRFD	Sand
	12.3	17.3	112MRIN	Clay
	17.3	--	112GLCL	Clay and gravel
NSW 21	0	11.3	112GLCL	Clay and gravel
	11.3	--	112TILL	Sand, gravel, and broken ledge
NSW 22	0	20.3	112MRIN	Clay, gray
	20.3	25.4	112SRFD	Gravel, brown
	25.4	30.6	112SRFD	Sand, fine brown sand
	30.6	36.5	112SRFD	Sand, silty, brown
	36.5	41.6	112GLCL	Gravel, clay and Hardpan
	41.6	46.1	112MRIN	Clay, sand, fine, and gravel
	46.1	--	112SRFD	Sand, fine, gray and gravel
NSW 23	0	20.2	112MRIN	Clay, gray
	20.2	25.5	112SRFD	Sand and gravel, coarse
	25.5	31	112SRFD	Gravel, coarse
	31	--	112SRFD	Sand, brown and coarse gravel
NSW 24	0	20	112MRIN	Sand, fine, brown; some clay and large gravel
	20	24	112MRIN	Clay and sand, fine, brown
	24	--	112MRIN	Sand, fine, brown; some clay and small gravel
NSW 25	0	53.5	112SRFD	Gravel, medium to coarse, gray
	53.5	70.4	112SRFD	Gravel, "sharp", gray
	70.4	--	112TILL	Hardpan
NSW 26	0	28	112SRFD	Sand, coarse and "sharp", brown gravel
	28	49	112SRFD	Sand, coarse and "sharp", dirty brown gravel
	49	--	112SRFD	Sand, coarse and "sharp" gravel; trace clay
NSW 28	0	24	112SRFD	Gravel, dark brown; some clay
	24	34	112SRFD	Sand, medium, gray; some clay
	34	57	112SRFD	Sand, fine to medium
	57	--	112SRFD	Sand
NSW 29	0	17	111SWMP	Peat and clay
	17	22	112MRIN	Clay and sand, fine, brown
	22	32	112GLCL	Clay, gray and angular gravel
	32	42	112SRFD	Sand and gravel, fine to medium, brown; trace clay
	42	47	112SRFD	Sand, fine and gravel, brown; some clay
	47	52	112MRIN	Sand, fine, brown and "sharp" gravel; some clay
	52	--	112MRIN	Sand, fine, gray; "sharp" gravel and clay

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aqui-fer code	Lithology
North Hampton, continued				
NSW 31	0	27	112SRFD	Sand and gravel, brown
	27	28	112MRIN	Clay, gray; some stones
	28	39	112SRFD	Sand and gravel, brown
	39	43	112SRFD	Sand, medium to coarse, brown; some medium gravel
	43	--	112SRFD	Sand and gravel, brown
NSW 33	0	2	111SOIL	Loam
	2	20	112MRIN	Sand, fine and brown clay
	21	26	112MRIN	Clay and fine sand, gray
	26	36	112MRIN	Sand, fine; some clay and angular gravel
	36	--	112SRFD	Sand, fine, gray and gravel; some clay
NSW 34	0	23	112SRFD	Sand, fine, brown
	23	25	112SRFD	Sand and gravel, brown
	25	30.3	112SRFD	Sand and "sharp" gravel, brown
	30.3	35.4	112SRFD	Sand, coarse and gravel
	35.4	41.3	112SRFD	Sand and coarse gravel
	41.3	--	112SRFD	Gravel, coarse
NSW 35	0	20	112MRIN	Sand and gravel, medium, brown; some clay
	20	35	112SRFD	Sand, fine and gravel, brown
	30	35	112SRFD	Sand, and gravel, fine to medium, gray-brown
	35	40	112MRIN	Sand, fine, gray; some clay and "sharp" gravel
	40	--	112SRFD	Sand and gravel, fine to medium, gray
NSW 37	0	20	112GLCL	Clay, blue and angular gravel
	20	40	112SRFD	Sand, medium to coarse and gravel, brown
	40	--	112SRFD	Sand, medium to coarse, gray; some gravel
NSW 40	0	21	112SRFD	Sand and gravel, fine to coarse, brown; some silt
	21	36	112SRFD	Sand and gravel, fine to medium, brown; trace of silt
	36	48	112SRFD	Silt, fine sand, and gravel, brown
	48	54	112MRIN	Clay, sand, and gravel; poorly sorted
	54	--	112SRFD	Sand and gravel, fine to coarse, gray
NSW 41	0	1	111SOIL	Topsoil
	1	29	112SRFD	Sand and gravel, fine to coarse, brown; trace of silt
	29	45	112MRIN	Clay, silt, and sand, fine to coarse, brown
	45	60	112SRFD	Sand, fine, brown; some coarse sand
	60	75	112SRFD	Sand, fine to coarse; some clay and silt
	75	79	112SRFD	Sand and gravel, fine to medium, gray; trace of silt
	79	--	112TILL	Hardpan
NSW 42	0	1	111SOIL	Topsoil
	1	23	111ALVM	Silt and fine sand, brown
	23	34	112SRFD	Sand and gravel, fine to medium, brown; some silt
	34	40	112SRFD	Sand, fine; some coarse sand, brown
	40	46.5	112SRFD	Sand, fine to coarse and gravel, fine to medium, brown
	46.5	50	112MRIN	Sand, silty, brown
	50	55	112SRFD	Sand and gravel, fine to coarse, brown
	55	68	112MRIN	Sand, silty, brown
	68	71	112MRIN	Sand and gravel, fine to coarse, mixed; some clay
	71	--	112TILL	Hardpan
	NSW 48	0	20	112SRFD
20		31	112MRIN	Clay and fine sand, brown
31		36	112MRIN	Sand, fine, brown; some clay and small gravel
36		--	112MRIN	Clay, fine, brown sand and "sharp" gravel, dark
NSW 51	0	--	112MRIN	Clay, fine sand, and "sharp" gravel, gray
NSW 53	0	21	112SRFD	Sand, fine and gravel, brown
	21	28	112MRIN	Clay, gray
	28	--	112SRFD	Sand, fine and gravel, medium, "sharp"

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
North Hampton, continued				
NSW 54	0	3.5	111FILL	Topsoil
	3.5	13	112SRFD	Sand, fine, brown and angular gravel; many cobbles
	13	23	112SRFD	Sand, gravelly, greenish; some gravel, angular
	23	29	112MRIN	Silt, sandy, dark gray
	29	30	112GLCL	Clay, silty, gray and gravel
	30	36.5	112SRFD	Gravel and cobbles
	36.5	39	112TILL	Silt, gray; some gravel, angular
	39	--	BEDROCK	Black Gneiss bedrock
NSW 55	0	6	111FILL	Sand (backfill)
	6	11	112SRFD	Sand, medium, dark brown, iron stained
	11	16	112SRFD	Sand, gravelly, dense; some silt and round cobbles
	16	22	112TILL	Sand and gravel, silty, dense
	22	29	112TILL	Till, gravelly, sandy, dense, iron stained
	29	37.5	112TILL	Till; gravel, sandy, dense, dark green; sulfur smell
	37.5	--	BEDROCK	Gneiss bedrock, broken, iron stained
NSW 69	0	3	112SRFD	Silt to pebble (76mm); mostly granules and pebbles
	3	16	112SRFD	Silt to pebble; mostly pebbles
	16	25	112SRFD	Gravel, coarse (12 to 25mm)
	25	42	112SRFD	Sand, coarse to cobbles; mostly pebbles (25mm)
	42	43.6	112SRFD	Sand, fine to very coarse, brown; mostly very coarse sand
	43.6	56	112SRFD	Sand, fine, brown; well sorted
	56	58.7	112SRFD	Sand, coarse to very coarse, brown; mostly very coarse sand; well sorted
	58.7	72	112SRFD	Sand, fine, brown
	72	--	112TILL	Till
NSW 70	0	20	112GLCL	Clay and gravel, gray; some sand
	20	30	112SRFD	Sand, fine and gravel, brown
	30	35	112SRFD	Sand and gravel, fine to medium, brown
	35	40	112MRIN	Sand, fine, gray; some clay and "sharp" gravel
	40	46.4	112SRFD	Sand and gravel, fine to medium, gray
	46.4	--	112SRFD	Sand and gravel; some broken "ledge"
Plaistow				
PWA 1	0	10	112SRFD	Sand, brown; some boulders
	10	--	112TILL	Hardpan; some "sharp" stones
PWA 2	0	14	112SRFD	Sand and gravel, fine to medium, brown
	14	--	112TILL	Hardpan; some gray, silty sand
PWA 3	0	2	111SWMP	Peat
	2	14	112SRFD	Gravel, fine to medium, broken, "sharp"
	14	20	112SRFD	Sand, silty, gray
	20	--	112TILL	Hardpan
PWA 4	0	8	112SRFD	Sand and gravel, fine to medium, brown
	8	--	112TILL	Hardpan
PWA 5	0	8	112SRFD	Sand and gravel, fine to medium, brown
	8	--	112TILL	Hardpan
PWA 6	0	12	112SRFD	Sand and gravel, fine to medium, brown
	12	--	112TILL	Hardpan
PWA 7	0	15	112SRFD	Sand and gravel, fine to medium, red-brown
	15	--	112TILL	Hardpan
PWA 8	0	14	112SRFD	Sand and gravel, fine to medium, brown
	14	--	112TILL	Hardpan
PWA 9	0	12	112SRFD	Sand, silty, brown
	12	--	112TILL	Hardpan

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Plaistow, continued				
PWW 12	0	1.5	112SRFD	Loam, sand, brown
	1.5	7.5	112SRFD	Sand, coarse to very coarse, micaceous and gravel, brown
	7.5	11	112SRFD	Sand, fine to medium, micaceous, red-brown
	11	15	112SRFD	Sand, medium to coarse, micaceous, red-brown
	15	19	112SRFD	Sand, very fine to fine, micaceous, brown
	19	25	112SRFD	Sand, fine to medium, brown; some mica grains
	25	32	112SRFD	Sand, very fine to fine; some silt layers, gray-brown
	32	--	112MRIN	Clay and silt, light gray-blue; few pebbles
PWW 13	0	11	112SRFD	Sand, fine to medium, brown
	11	16	112SRFD	Sand, medium to very coarse, round, brown
	16	22	112SRFD	Sand, medium to very coarse, layered, round, brown
	22	27	112SRFD	Sand, fine to medium, brown
	27	38	112MRIN	Clay and silt, gray-blue
	38	--	112MRIN	Clay and silt, gray-blue; few angular pebbles
PWW 14	0	3.3	112MRIN	Clay and sand
	3.3	9.2	112MRIN	Clay, sand, and gravel
	9.2	24.3	112MRIN	Sand, fine
	24.3	28.8	112MRIN	Clay, sand, and gravel
	28.8	--	112TILL	Hardpan; with blue clay
PWW 15	0	1.2	111SWMP	Peat
	1.2	7	112MRIN	Clay and sand; little gravel
	7	17.3	112MRIN	Clay, gray, sand, and gravel
	17.3	18.9	112MRIN	Clay, gray and sand
	18.9	23.7	112MRIN	Clay, gray, sand, and gravel
	23.7	24.3	112MRIN	Clay, gray
	24.3	--	112TILL	Hardpan
PWW 16	0	7	112SRFD	Sand, fine to coarse, and boulders
	7	--	112SRFD	Sand and gravel, medium to coarse
PWW 17	0	7	111SWMP	Peat
	7	18	112SRFD	Gravel, broken, "sharp"
	18	--	112TILL	Till
PWW 18	0	--	112SRFD	Gravel and boulders, heavy
PWW 19	0	35	112SRFD	Sand and gravel, fine to medium, brown
	35	40	112MRIN	Silt and gravel, broken, "sharp"; trace clay
	40	--	112TILL	Hardpan
PWW 20	0	20	112SRFD	Sand and gravel, fine to medium, brown
	20	30	112SRFD	Sand and gravel, fine to medium, brown; some silt; trace of clay
	30	--	112GLCL	Clay and "sharp" gravel
PWW 21	0	4	112SRFD	Sand and gravel, fine to medium, brown
	4	17	112SRFD	Sand and gravel, fine to medium; and boulders
	17	28	112SRFD	Sand and gravel, fine to medium, brown
	28	--	112TILL	Hardpan
PWW 22	5	35	112SRFD	Sand and gravel, fine to medium, silty, brown
	35	--	112TILL	Clay, blue, gravel, broken, "sharp"; Hardpan
PWW 23	0	12	112SRFD	Sand and gravel, fine to medium, brown; trace of silt
	12	15	112SRFD	Silt and fine to medium sand, gray
	15	--	112SRFD	Sand, fine to coarse and "sharp" gravel; trace of silt
PWW 116	0	15	112SRFD	Sand, fine, brown; well sorted
	15	--	112MRIN	Silt, uniform, brown; some fine sand

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Portsmouth				
PXA 1	0	--	112GLCL	Clay, brown and "sharp" broken gravel
PXA 2	0	--	112GLCL	Clay, brown and "sharp" broken gravel
PXA 6	0	--	112SRFD	Clay, fine, brown sand and "sharp" gravel
PXA 7	0	25	112MRIN	Clay, gray
	25	43	112MRIN	Clay and fine sand, gray
	43	--	112GLCL	Clay and angular gravel, gray
PXB 1	0	2	111MRIN	Silt and fine sand; some organic matter
	2	9	112MRIN	Clay, silty, brown
	9	20	112MRIN	Sand, fine, gray
	20	--	112TILL	Till, sandy
PXB 2	0	1	112SRFD	Sand, soft
	1	7	112MRIN	Clay, firm
	7	14	112MRIN	Clay, moderately soft
	14	34	112MRIN	Clay and soft sand
	34	35	112SRFD	Sand, coarse
	35	38	112MRIN	Clay, soft, and sand
	38	--	112SRFD	Sand and gravel, coarse
PXB 3	0	1.5	111MRIN	Silt, sand, gravel and organic material
	1.5	4.3	112MRIN	Clay, soft, blue and sand
	4.3	18.5	112MRIN	Clay, sand, and gravel
	18.5	--	112TILL	Till, sandy
PXB 5	0	2	111SOIL	Topsoil
	2	21	112MRIN	Clay and silt, soft
	21	--	112TILL	Till, sandy
PXB 8	0	11	111MRIN	Clay and silt
	11	--	112TILL	Till, sandy
PXB 10	0	12.5	111FILL	Sand (road fill)
	12.5	17	112MRIN	Clay and silt
	17	45	112MRIN	Clay and silt, soft
	45	--	112TILL	Till, sandy
PXB 11	0	10	111FILL	Sand (road fill)
	10	41	112MRIN	Clay and silt
	41	49	112MRIN	Clay, fine silt and sand
	49	--	112TILL	Till, sandy
PXB 12	0	--	112SRFD	Silt and sand
PXB 13	0	57	112SRFD	Sand and gravel
	57	--	112TILL	Till, silty
PXB 15	0	1	111SOIL	Topsoil
	1	5	112MRIN	Clay and silt
	5	13	112MRIN	Clay and silt, soft
	13	--	112TILL	Till, sandy
PXB 16	0	1	111SOIL	Topsoil
	1	11	112MRIN	Silt and fine sand
	11	18	112MRIN	Sand, fine
	18	56	112MRIN	Silt and fine sand
	56	--	112TILL	Till, sandy
PXB 17	0	3	111SWMP	Peat
	3	5	112MRIN	Clay; with peat
	5	--	112MRIN	Clay

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Portsmouth, continued				
PXB 18	0	3	112MRIN	Silt, clayey, soft
	3	--	112TILL	Till, silty, sandy, gravelly
PXB 19	0	4.5	112SRFD	Sand, brown
	4.5	24	112SRFD	Sand, silty, brown
	24	26	112SRFD	Sand, silty, gravelly, brown
	26	--	BEDROCK	
PXB 20	0	3	111FILL	Sand, gravel and cinder fill
	3	--	112MRIN	Sand, very fine, silty
PXB 21	0	10.5	111FILL	Gravel Fill
	10.5	13	112GLCL	Clay and gravel
	13	37	112MRIN	Clay
	37	--	112TILL	Till, compact, gravelly
PXB 22	0	--	112SRFD	Gravel
PXB 23	0	5	112SRFD	Sand, silty
	5	7	112SRFD	Sand, gravelly
	7	--	112TILL	Till, silty, sandy, gravelly
PXB 24	0	1	112MRIN	Silt, sandy
	1	6.5	112MRIN	Clay
	6.5	--	112TILL	Till, silty, gravelly
PXW 2	0	--	112ICCC	Sand and gravel
PXW 5	0	6	111SOIL	Topsoil, sandy
	6	11	112SRFD	Sand
	11	22	112SRFD	Sand and gravel
	22	23	112MRIN	Clay
	23	38	112SRFD	Sand
	38	56	112SRFD	Gravel
	56	--	112SRFD	Gravel and boulders
PXW 13	0	10	111FILL	Sand, gravelly, brown
	10	20	112MRIN	Clay, sandy, brown
	20	40	112SRFD	Sand, gray-white
	40	50	112TILL	Till, silty, sandy, gravelly, gray
	50	--	BEDROCK	Weathered bedrock; some sandy silt
PXW 14	0	30	112SRFD	Trace of silt to fine sand, brown
	30	45	112SRFD	Sily, sandy, gravelly
	45	65	112SRFD	Sand, fine, brown
	65	--	112TILL	Till, sandy; with broken rock fragments
PXW 15	0	20	112SRFD	Sand, coarse; with brown clay layers
	20	25	112SRFD	Sand, coarse to gravel; with clay layers
	25	35	112SRFD	Gravel, sandy, brown
	35	45	112SRFD	Sand, coarse, gravelly, brown
	45	--	112TILL	Till; some silty sand and broken rock fragments
PXW 17	0	20	112ICCC	Sand, coarse, brown; some clay layers
	20	--	112ICCC	Sand and gravel, brown
PXW 18	0	10	112ICCC	Sand, gravelly, gray
	10	--	112ICCC	Sand, fine; with clay lenses
PXW 22	0	7	112MRIN	Clay, gray
	7	--	112TILL	Till, silty, gravelly, gray
PXW 23	0	37	112ICCC	Sand, silty, fine; with brown clay lenses
	37	--	112ICCC	Gravel, sandy, coarse, brown

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Portsmouth, continued				
PXW 27	0	7	111SWMP	Peat
	7	41	112MRIN	Clay and sand, fine, gray
	41	--	112SRFD	Sand, fine, and "sharp" gravel, broken, brown
PXW 28	0	21	112MRIN	Clay, gray; some "sharp" gravel
	21	28	112MRIN	Gravel, "sharp", gray-brown; some clay
	28	--	112SRFD	Sand, fine, and gravel, "sharp, dirty"
PXW 29	0	21	112MRIN	Clay, gray-brown, and "sharp" gravel
	21	28	112SRFD	Gravel, "sharp, dirty"; trace of clay, brown
	28	--	112SRFD	Sand, coarse, and "sharp" gravel
PXW 30	0	24	112SRFD	Sand, fine to medium and small gravel; trace clay
	24	--	112SRFD	Sand, fine to coarse and large gravel, brown
PXW 39	0	24	112MRIN	Clay, gray, and "sharp" gravel
	24	28	112SRFD	Gravel, "sharp", gray
	28	--	112SRFD	Sand, coarse, and gravel, "sharp, dirty"
PXW 51	0	14	112SRFD	Sand, fine to coarse, brown; little gravel
	14	52	112SRFD	Sand and gravel, fine to coarse; some silt
	52	--	BEDROCK	Metasedimentary bedrock
PXW 52	0	31	112SRFD	Sand, fine to coarse and fine gravel, tan; some silt
	31	48	112TILL	Till, mostly sand; some clay, silt, and coarse gravel, mixed
	48	--	BEDROCK	Metasedimentary bedrock
PXW 53	0	20	112SRFD	Sand, medium, micaceous; clay at 5 and 7 feet
	20	35	112TILL	Till; silt, coarse sand and gravel and rock fragments
	35	--	BEDROCK	Slate-type bedrock, dark gray; some calcite veins
Rye				
RYA 2	0	--	112MRIN	Clay and sand, fine
RYA 3	0	--	112SRFD	Sand, medium sand; rocks and stones
RYA 13	0	5	111SWMP	Peat
	5	--	112MRIN	Clay, gray
RYA 14	0	2	111SWMP	Peat
	2	--	112MRIN	Sand, fine, gray; some clay and gravel
RYA 16	0	--	112MRIN	Clay and sand, fine
RYA 19	0	--	112SRFD	Gravel, medium, angular; some stones
RYA 23	0	--	112SRFD	Sand and gravel, compact
RYA 27	0	--	112MRIN	Clay and sand, fine
RYA 28	0	--	112TILL	Till, hard, compact sand and gravel
RYA 29	0	21	112MRIN	Clay and sand, fine
	21	--	112TILL	Till, gravelly, angular
RYA 31	0	14	112SRFD	Sand, fine, brown
	14	21	112MRIN	Clay, gray
	21	36	112MRIN	Clay, gray and silt
	36	--	112TILL	Till, gravelly, angular
RYA 32	0	14	112SRFD	Sand, fine and gravel
	14	21	112GLCL	Clay, gray and angular gravel
	21	--	112TILL	Till, fine, compact

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Rye, continued				
RYA 34	0	--	112TILL	Till, hard, compact, sandy
RYA 35	0 21 28	21 28 --	112SRFD 112GLCL 112SRFD	Sand and gravel, medium, angular Clay, gray and angular gravel Gravel, angular
RYA 36	0 14	14 --	112SRFD 112SRFD	Sand, fine and angular gravel Gravel, angular
RYA 38	0	--	112SRFD	Sand, fine, rocks and boulders
RYA 40	0	--	112SRFD	Sand, fine, rocks and boulders
RYA 47	0	--	112TILL	Till, hard, compact sand and boulders
RYA 48	0	--	112MRIN	Clay and sand, compact
RYA 49	0	--	112TILL	Till; rocks and boulders
RYA 52	0 14 18	14 18 --	112SRFD 112MRIN 112SRFD	Sand and gravel, compact Clay, gray Sand and gravel, compact
RYA 54	0 21 35	21 35 --	112MRIN 112MRIN 112GLCL	Clay and silt, gray; some sand, fine Clay and silt, gray Sand and gravel, medium, angular
RYA 56	0 21	21 --	112MRIN 112GLCL	Sand and gravel, fine; some clay Clay; some gravel, angular, broken
RYA 57	0	--	112SRFD	Stones, rocks and boulders
RYA 61	0	--	112MRIN	Sand, fine, brown; some clay and broken gravel
RYA 62	0 4	4 --	111SOIL 112MRIN	Loam Sand, fine, brown; some clay and "sharp" gravel
RYA 63	0 7	7 --	111SWMP 112MRIN	Peat Clay and sand, fine, gray
RYA 64	0 14 21 35 49	14 21 35 49 --	112SRFD 112GLCL 112MRIN 112MRIN 112TILL	Sand and gravel, medium Clay and "sharp" gravel Clay, gray Clay and silt, gray Till, gravelly, angular
RYA 65	0 21 35	21 35 --	112MRIN 112MRIN 112MRIN	Sand, fine and gray clay and silt Gray silt and clay Clay and silt, gray; some gravel
RYA 66	0	--	112MRIN	Sand, fine, brown; some clay and gravel
RYA 67	0 2	2 --	111SOIL 112MRIN	Topsoil Sand, fine, brown; some clay and "sharp" gravel
RYA 68	0	--	112MRIN	Clay, sand, fine, brown, and "broken" gravel
RYB 1	0 5.5 28 38.5	5.5 28 38.5 --	112SRFD 112SRFD 112SRFD 112MRIN	Sand and gravel, loose Sand and "sharp" gravel Sand and gravel, coarse Clay, sand, and gravel

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Rye, continued				
RYB 3	0	4	111MRIN	Muck
	4	16	112MRIN	Fine sand, gravel and clay
	16	--	112TILL	Till, sandy
RYW 3	0	90	112SRFD	Sand and gravel
	90	137	112MRIN	Clay
	137	--	BEDROCK	
RYW 12	0	--	112SRFD	Sand and gravel
RYW 19	0	20.6	112MRIN	Clay, yellow and fine, hard sand
	20.6	26.2	112GLCL	Clay, gravel and broken rock fragments
	26.2	31.9	112SRFD	Sand, fine
	31.9	--	112SRFD	Gravel and broken rock fragments
RYW 20	0	11	112SRFD	Sand and gravel
	11	19	112SRFD	Clay, sand, gravel and broken rock fragments
	19	25	112SRFD	Sand, fine and gravel
	25	31	112SRFD	Sand, coarse and gravel
	31	42.3	112SRFD	Sand and gravel
	42.3	--	112SRFD	Gravel and broken rock fragments
RYW 21	0	20.9	112MRIN	Clay
	20.9	30.1	112TILL	Sand and gravel
	30.1	--	112TILL	Till
RYW 22	0	38.5	112SRFD	Gravel, coarse, silty; some cobbles and small boulders
	38.5	--	BEDROCK	Soft bedrock
RYW 24	0	2	111SOIL	Topsoil
	2	21	112SRFD	Sand, fine, brown; some broken gravel; trace clay
	21	--	112MRIN	Sand, fine, brown; some clay and "sharp" gravel
RYW 25	0	21	112SRFD	Gravel, medium, "sharp"; some sand, medium
	21	35	112SRFD	Gravel, medium, "sharp"
	35	--	112SRFD	Gravel, "sharp" and stones
RYW 26	0	28	112SRFD	Sand and gravel, fine, brown
	28	--	112SRFD	Sand and gravel, medium, brown
RYW 30	0	--	112SRFD	Sand, fine, brown; some clay and gravel
RYW 31	0	--	112SRFD	Sand, fine, brown, and broken gravel; trace clay
RYW 35	0	35	112MRIN	Sand, fine, brown, and "sharp" gravel; some clay
	35	--	112SRFD	Sand and gravel, fine, brown; trace of clay
RYW 36	0	21	112MRIN	Sand, fine, brown and "sharp" gravel; some clay
	21	--	112SRFD	Sand and gravel, fine, brown; trace of clay
RYW 38	0	20	112SRFD	Sand and gravel, coarse, brown
	20	34	112SRFD	Gravel and rocks; some sand, coarse, brown
	34	44	112SRFD	Sand, coarse, brown and rocks, large, broken
	44	--	112SRFD	Gravel, large, "broken"; some sand, coarse
Salem				
SAB 1	0	--	112TILL	Till, sandy
SAB 2	0	5	110ALVM	Sand, fine
	5	10	110ALVM	Silt and fine sand
	10	20	112SRFD	Gravel
	20	--	112TILL	Till, sandy

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Salem, continued				
SAB 3	0	6	111SWMP	Muck, sandy
	6	10	112SRFD	Gravel, sandy
	10	19	112SRFD	Sand and gravel, stoney
	19	--	112SRFD	Sand, fine, firm, compact
SAB 4	0	4	111ALVM	Muck and sand
	4	--	112SRFD	Sand, silty; some pebble gravel
SAB 5	0	1	110SOIL	Topsoil
	1	4	110ALVM	Sand, fine to medium
	4	28	112SRFD	Sand, fine to coarse
	28	55	112SRFD	Sand, fine to medium
	55	--	112TILL	Till, sandy
SAB 10	0	8	111ALVM	Muck and sand
	8	10	112SRFD	Silt and fine sand
	10	27	112SRFD	Sand, fine to coarse; some pebble gravel
	27	--	112TILL	Hardpan
SAB 11	0	1	110SOIL	Topsoil
	1	15	110ALVM	Sand, fine
	15	31	112SRFD	Silt and fine sand
	31	--	112TILL	Till, sandy
SAB 12	0	1	111SOIL	Topsoil
	1	6	112SRFD	Sand, fine to medium
	6	9	112SRFD	Silt and fine sand
	9	--	112TILL	Till, sandy
SAB 13	0	1	111SOIL	Topsoil
	1	4	112SRFD	Sand, fine
	4	16	112SRFD	coarse sand
	16	26	112SRFD	Fine sand; some pebble gravel
	26	--	112TILL	Hardpan
SAB 15	0	2	110ALVM	Sand and gravel, "loose"
	2	7	110ALVM	Silt and sand
	7	9	112SRFD	Sand, "loose"
	9	10	112SRFD	Silt
	10	13	112SRFD	Sand, medium
	13	14	112SRFD	Silt
	14	15	112SRFD	Sand, medium
	15	16	112SRFD	Sand and silt, compact
	16	19	112SRFD	Sand, fine, "loose"
	19	--	112TILL	Till, sandy
SAW 44	0	2	112SRFD	Sand and humus
	2	17	112SRFD	Sand, fine to medium, brown
	17	22	112SRFD	Sand, medium, and silt, brown
	22	27	112SRFD	Silt to fine sand, brown
	27	47	112SRFD	Sand, very fine
	47	62	112SRFD	Sand, very fine, silty, gray
	62	69.5	112MRIN	Clay and silt, soft, gray
	69.5	--	112TILL	Till, hard, stoney, gravelly
SAW 46	0	47	112SRFD	Sand, "loose"
	47	--	BEDROCK	
SAW 49	0	3	111FILL	Sand
	3	12	112SRFD	Sand, very fine to medium, light brown; mostly fine sand
	12	15	112SRFD	Sand, fine to pebble; mostly coarse sand
	15	--	112SRFD	Sand, very fine to pebble (4mm); mostly very coarse sand

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aqui-fer code	Lithology
Salem, continued				
SAW 50	0	2	111SWMP	Peat, black
	2	6	111SWMP	Peat, viscous, black; trace medium to coarse sand
	6	8	112SRFD	Sand, fine to very coarse, light brown
	8	15	112SRFD	Sand, fine, light brown
	15	--	112TILL	Till; sand, angular pebbles and cobbles (50mm)
SAW 51	0	11	111FILL	Sand, quartz, fine, yellow
	11	14	112SRFD	Silt, hard and fine, quartz sand, yellow
	14	20	112SRFD	Sand, fine, uniform, well sorted
	20	23	112SRFD	Silt and sand, layered, alternate light/dark gray
	23	25	112SRFD	Gravel and cobbles
	25	30	112SRFD	Sand and gravel, coarse
	30	32	112SRFD	Sand, fine to medium, 25mm oxidized layer
	32	35	112SRFD	Boulders
	35	40	112TILL	Sand, fine, very dense and angular cobbles, dark purple
	40	41.5	112TILL	Till; sand, dense, compact and angular gravel
41.5	--	BEDROCK	Garnet Schist bedrock, fine-textured, dark purple	
SAW 52	0	5	111SOIL	Humus, sandy, silty
	5	8	112SRFD	Sand, medium; some coarse sand; iron oxidized
	8	9	112LCSR	Silt, fine, gray
	9	18.3	112SRFD	Sand, coarse, oxidized, dark red; some gravel
	18.3	19.8	112SRFD	Cobbles and boulders
	19.8	--	112SRFD	Boulders, 2.5 foot in size
SAW 53	0	5	111SWMP	Silt, sandy, brown; with humus
	5	9	112SRFD	Sand, medium to coarse; some iron oxidized layers
	9	11	112SRFD	Sand, fine, gray to medium, brown; trace of silt
	11	19	112SRFD	Sand, fine, gray; some fine sand, brown
	19	20	112SRFD	Gravel
	20	23	112SRFD	Silt and fine sand, brown
	23	25	112SRFD	Sand, "loose"
	25	30	112SRFD	clay, silt and cobbles
	30	34	112SRFD	Silt and fine sand, light brown
	34	40	112SRFD	Sand, medium to coarse and pebbles (30mm), angular, brown
	40	43	112TILL	Silt, gray and brown layers
	43	--	112TILL	Till; sand, "loose" and cobbles
	SAW 54	0	5	112GLCL
5		9.9	112SRFD	Sand, fine, black and rounded gravel
9.9		--	112SRFD	Cobbles
SAW 55	0	10	112SRFD	Sand, fine
	10	15	112SRFD	Sand, coarse and fine gravel
	15	18	112MRIN	Clay, gray-brown
	18	23	112SRFD	Gravel, medium to coarse
	23	25	112MRIN	Clay, light gray
	25	30	112SRFD	Gravel, fine to medium
	30	--	BEDROCK	
SAW 56	0	2	111SOIL	Topsoil
	2	8	112SRFD	Sand, fine to medium
	8	16	112SRFD	Sand, fine, silty, dark brown
	16	41	112SRFD	Sand, fine to coarse
	41	51	112SRFD	Sand, fine
	51	86	112MRIN	Clay, smooth, light gray
	86	--	BEDROCK	Biotite schist bedrock
SAW 208	0	27	112SRFD	Sand and gravel
	27	--	BEDROCK	

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Seabrook				
SGA 6	0	4	112SRFD	Sand, medium, brown
	4	--	112MRIN	Clay and silt, gray
SGA 7	0	4	112SRFD	Sand, brown
	4	17	112MRIN	Clay, compact, brown
	17	--	112MRIN	Silt, gray
SGA 9	0	--	112TILL	Hardpan
SGA 10	0	--	112TILL	Hardpan and sand
SGA 11	0	12	112MRIN	Clay and fine, brown sand
	12	31	112MRIN	Clay, gray
	31	37	112MRIN	Clay and fine, gray sand
	37	--	112SRFD	Sand, fine, gray
SGA 12	0	2	111SWMP	Peat
	2	--	112TILL	Hardpan and boulders
SGA 13	0	--	112MRIN	Clay, gray
SGA 16	0	--	112MRIN	Clay
SGA 19	0	--	112TILL	Hardpan
SGA 20	0	--	112TILL	Hardpan
SGA 22	0	15	112SRFD	Sand, medium, brown
	15	--	112MRIN	Clay, gray; trace of gravel
SGA 24	0	12	112SRFD	Sand, medium, brown
	12	--	112MRIN	Clay, gray; some gravel
SGA 25	0	12	112MRIN	Clay, brown and very fine sand
	12	--	112MRIN	Clay, brown and gray
SGA 29	0	--	112GLCL	Clay and gravel, compact, gray
SGA 30	0	--	112GLCL	Clay and gravel, compact, gray
SGA 32	0	18	112SRFD	Sand, fine, brown; some gravel
	18	--	112MRIN	Clay, gray-brown; some very fine sand
SGA 34	0	20	112MRIN	Clay and very fine, brown sand
	20	40	112MRIN	Clay and very fine sand, gray
	40	49.5	112MRIN	Clay, gray
	49.5	--	112MRIN	Clay, gray and fine sand
SGA 36	0	1	111SOIL	Mud and topsoil
	1	5.5	112SRFD	Sand, brown
	5.5	9.3	112MRIN	Clay, gray sand, and gravel
	9.3	--	112MRIN	Clay and fine sand
SGA 37	0	5	112SRFD	Sand, medium, brown
	5	35	112MRIN	Clay, gray
	35	--	112GLCL	Clay, gray and "sharp" gravel
SGA 39	0	6	112SRFD	Sand, fine to medium, brown
	6	12	112MRIN	Clay and fine to medium, brown sand
	12	--	112MRIN	Clay and fine, gray sand

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Seabrook, continued				
SGA 40	0	8	112SRFD	Sand, fine to coarse, brown
	8	15	112SRFD	Sand, fine to coarse; some gravel
	15	30	112MRIN	Clay and fine to medium, gray sand
	30	35	112MRIN	Clay and fine to medium, brown sand
	35	--	112MRIN	Clay and fine to medium, gray sand
SGA 41	0	--	112MRIN	Clay and fine sand, gray
SGA 43	0	1	111SOIL	Loam
	1	3	112SRFD	Sand, gray
	3	8	112GLCL	Clay, coarse gravel and boulders
	8	16.5	112MRIN	Clay and fine, brown sand
	16.5	--	112MRIN	Clay, gravel and "sharp", gray sand
SGA 44	0	6	112SRFD	Sand, brown
	6	7	112SRFD	Sand, oily, black
	7	13.5	112SRFD	Sand, light brown; some gravel
	13.5	17.8	112MRIN	Clay, gray
	17.8	24.2	112MRIN	Clay and fine, brown sand
	24.2	36.5	112MRIN	Clay and fine, gray sand
	36.5	42.3	112MRIN	Clay, soft, gray
	42.3	--	112GLCL	Clay and "sharp", gray gravel
SGA 45	0	2.2	111SWMP	Peat
	2.2	6	112MRIN	Clay and fine, gray sand
	6	8.5	112MRIN	Clay and fine, brown sand
	8.5	26.5	112MRIN	Clay and fine, gray sand
	26.5	30	112SRFD	Sand, fine, gray
	30	--	112MRIN	Clay, gravel, and "sharp", gray sand
SGA 46	0	3	111SOIL	Loam, sandy
	3	12.8	112SRFD	Sand, fine to medium, brown
	12.8	25.5	112MRIN	Clay and fine to medium, brown sand
	25.5	28.8	112MRIN	Clay and fine, gray sand
	28.8	35	112MRIN	Clay, gray-blue; some fine sand
	35	--	112MRIN	Clay and fine, gray sand
SGA 48	0	0.5	111SWMP	Peat
	0.5	21.6	112MRIN	Clay, gray
	21.6	--	112MRIN	Clay and fine, gray sand
SGA 49	0	1	111SWMP	Peat
	1	31.3	112MRIN	Clay, gray
	31.3	--	112MRIN	Clay and fine, gray sand
SGA 50	0	--	112MRIN	Clay, gray
SGA 51	0	34	112MRIN	Clay, gray
	34	--	112TILL	Till
SGA 52	0	36	112MRIN	Clay, gray
	36	--	112MRIN	Sand, fine, gray
SGA 53	0	2	111SOIL	Topsoil; some gravel
	2	--	112MRIN	Clay, gray, "flowing"
SGA 54	0	3	112SRFD	Sand, fine to cobble, brown; mostly very coarse sand
	3	15	112SRFD	Sand, fine to pebble (15mm), brown; mostly very coarse sand
	15	28	112SRFD	Sand, very fine to fine, brown; well sorted
	28	32	112SRFD	Sand, fine to pebble (25mm), brown; mostly coarse sand
	32	35	112SRFD	Sand, medium to small pebble, brown; mostly very coarse sand
	35	--	112TILL	Till

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Seabrook, continued				
SGB 1	0	16	111MRIN	Muck
	16	21	112MRIN	Clay
	21	--	112SRFD	Gravel, silty
SGB 2	0	3	111MRIN	Sand, silty
	3	27.5	112SRFD	Sand and gravel, coarse
	27.5	42.5	112MRIN	Clay, blue
	42.5	--	112TILL	Till, sandy
SGB 3	0	1	111EOLN	Topsoil
	1	20	112SRFD	Sand, fine
	20	33	112MRIN	Clay and silt
	33	--	112TILL	Till, sandy, firm
SGW 1	0	23.3	112SRFD	Sand and gravel, coarse
	23.3	33.9	112SRFD	Sand and gravel, fine
	33.9	38.9	112SRFD	Sand, coarse and gravel
	38.9	49.1	112SRFD	Sand and gravel, fine
	49.1	--	112TILL	Till; some clay
SGW 12	0	4	111SOIL	Loam and topsoil
	4	4.5	112SRFD	Sand, coarse, brown
	4.5	10.5	112MRIN	Clay and sand, light brown
	10.5	15.7	112MRIN	Clay, hard, gray
	15.7	--	112TILL	Till; clay, gray and broken stones and bedrock
SGW 14	0	1.7	111SWMP	Peat
	1.7	9	112SRFD	Sand, light brown; some small gravel
	9	13	112MRIN	Clay, hard, brown
	13	14.3	112MRIN	Sand, fine, brown
	14.3	22.5	112MRIN	Clay and fine sand, gray
	22.5	41	112MRIN	Clay, soft, gray
	41	--	112TILL	Till; clay, sand, and "sharp" gravel, gray
SGW 15	0	14	112SRFD	Sand and gravel, brown
	14	34	112MRIN	Clay and fine sand, gray
	34	--	112TILL	Till; clay, sand, and "sharp" gravel, gray-blue
SGW 16	0	8	112SRFD	Sand; some small gravel
	8	13	112SRFD	Sand, fine, brown
	13	18.3	112MRIN	Clay and fine sand, brown
	18.3	19.8	112MRIN	Clay and sand, red-brown
	19.8	32	112MRIN	Clay and fine sand, light gray
	32	35.5	112MRIN	Clay, dark gray
	35.5	37	112MRIN	Sand, fine to medium, brown
	37	42	112MRIN	Clay and fine sand, gray
	42	70	112MRIN	Clay and fine sand, gray; some clay layers
	70	77.9	112MRIN	Clay, gray sand, and "sharp" gravel
	77.9	87.5	112GLCL	Gravel, "sharp", gray and boulders; some clay
	87.5	--	112TILL	Till; clay, sand and "sharp" gravel, gray
	SGW 17	0	3.5	112SRFD
3.5		21.7	112MRIN	Clay, gray
21.7		--	112MRIN	Clay and sand, fine, gray
SGW 18	0	10.1	112SRFD	Sand, fine, brown
	10.1	15.3	112MRIN	Clay, gray and fine, brown sand
	15.3	30.1	112MRIN	Clay, gray
	30.1	35	112MRIN	Clay and sand, gray
	35	--	112MRIN	Clay, gray; some sand

Table 3.--Stratigraphic logs of selected wells and borings--continued

Local site number	Depth to top (feet)	Depth to bottom (feet)	Aquifer code	Lithology
Seabrook, continued				
SGW 19	0	1	111SOIL	Loam
	1	3	112SRFD	Sand, brown
	3	6	112SRFD	Sand and gravel
	6	8	112MRIN	Clay and sand, fine, brown
	8	22.6	112MRIN	Sand, gray changing to fine sand and clay
	22.6	24	112MRIN	Clay, hard, brown
	24	39	112SRFD	Sand, medium, gray; some small gravel
	39	--	112TILL	Clay, sand, and gravel, gray
SGW 20	0	10	112SRFD	Sand, medium to coarse
	10	19	112SRFD	Sand and gravel (boulder at 19 feet)
	19	47.5	112MRIN	Clay and fine sand, gray
	47.5	--	112SRFD	Sand and gravel, fine, gray
SGW 22	0	8	112MRIN	Clay, brown
	8	35.9	112MRIN	Clay, gray
	35.9	--	112SRFD	Sand and gravel, blue
SGW 23	0	7.1	112SRFD	Sand and gravel, brown
	7.1	12.3	112SRFD	Sand, fine, brown
	12.3	56.3	112SRFD	Sand, fine to medium, brown
	56.3	--	112MRIN	Sand, fine to medium; clay towards bottom
SGW 24	0	7.1	112MRIN	Clay
	7.1	17.9	112MRIN	Clay, gray
	17.9	33.7	112MRIN	Clay, gray and fine sand
	33.7	--	112TILL	Clay, gray, fine sand and blue gravel
SGW 25	0	19.5	112SRFD	Sand, fine, brown
	19.5	29.8	112SRFD	Sand, fine; trace of clay, brown
	29.8	40.5	112SRFD	Sand, fine, brown
	40.5	--	112TILL	Clay, sand, and gravel, gray
SGW 26	0	1.5	111SOIL	Topsoil
	1.5	36	112MRIN	Clay, gray-blue
	36	73	112MRIN	Clay, gray and very fine, silty sand
	73	--	112MRIN	Clay and sand
SGW 27	0	1	111SOIL	Topsoil
	1	33	112MRIN	Clay and fine sand, gray-brown
	33	36	112SRFD	Sand, medium to coarse, gray; some fine sand
	36	--	112MRIN	Clay, gray and fine sand; trace gravel
SGW 29	0	2.5	111SWMP	Peat
	2.5	17.2	112MRIN	Clay, gray
	17.2	43.2	112SRFD	Sand, fine, gray; trace of clay
	43.2	--	112SRFD	Sand, fine, gray and gravel; trace of clay
SGW 30	0	0.5	111SOIL	Topsoil
	0.5	22.3	112MRIN	Clay, gray
	22.3	29.2	112SRFD	Sand, fine to medium, brown
	29.2	38	112MRIN	Clay and fine sand, gray
	38	43	112MRIN	Sand, fine, gray; trace of clay
	43	--	112SRFD	Sand, fine, gray and gravel; trace of clay
SGW 32	0	5	111SWMP	Peat
	5	10	112MRIN	Clay, brown and fine sand
	10	42	112MRIN	Clay, gray
	42	48	112SRFD	Sand, fine to medium
	48	54	112SRFD	Sand, fine to medium, gray
	54	--	112SRFD	Sand, coarse; some gravel