

**JOURNAL OF THE
BOSTON SOCIETY OF CIVIL ENGINEERS**

Volume 56

JULY-OCTOBER 1969

Number 3-4

BORING DATA FROM GREATER BOSTON

Section 1: Boston Peninsula

Prepared by the Committee on Subsoils of Boston
In cooperation with the United States Geological Survey

The Committee on Subsoils of Boston has been collecting boring data from Boston and adjacent areas since 1920. Accumulated information was first published in the Journal of the Boston Society of Civil Engineers in a number of issues dating from 1949 to 1956. All the information published previously was reprinted and published in one volume in 1961, to make the use of the information more convenient and accessible.

Boring data covering the Boston Peninsula was published in the Journal in 1914; again in September, 1931; and in May, 1949. The large scale construction operations of the last ten years necessitated the taking of a great number of borings. In general, these borings penetrated to greater depths; and the quality of the boring logs has improved considerably over the past years. To make available this wealth of information to the interested parties, the Committee on Subsoils of Boston assumed the responsibility, once more, for collecting and publishing the available boring logs from greater Boston that were not included in the earlier publications. Execution of the project began in October 1967 under the former Chairman, Professor Ronald C. Hirschfeld.

The first step in carrying out this plan was the collection of all available boring information. Mr. Clifford Kaye, of the Engineering Geology Branch, Geologic Division of the U. S. Geological Survey, in Boston, provided helpful assistance in this respect. The Geological Survey has been collecting new boring data from the Boston area during the past decade. Locations of borings are plotted on a large-scale master map covering the inner Boston area. The U. S. Geological Survey agreed to make available to the Committee all the boring logs in their file and also permitted their location map to be photographed for transcribing onto the base used in this publication. The Committee gratefully acknowledges the U. S. Geological Survey's invaluable contribution in regard to collecting the basic boring data. Additional borings were supplied by the Committee members from their own files.

Next, a new base map was prepared that shows the present layout of streets. For this purpose the Boston Redevelopment Authority's maps were used. The grid system used for plotting the boring locations is identical to the original Map No. 1, "Location of Subsoil Data Boston

Peninsula," dated October, 1949. Thus, the two maps supplement each other. It was intended to show all the boring locations; that is, the ones published previously together with the additional locations on the new Map No. 1. This proved to be an impossible task, however, due to the great concentration of borings in certain areas; and it was finally decided to show the new information only.

The tabulation on the following pages covers the Boston Peninsula, and it includes 1,623 borings. Column 1 contains the boring number and defines its location on the map. Columns 2 and 3 give depths from the ground surface (top of boring), and Column 4 describes the soil constituents. The final column is new, and it indicates the average consistency of the material in "Penetration Resistance". This is usually expressed in number of blows required to drive a 2 inch sampler one foot using a 140 pound weight free-falling 30 inches. Not all the logs use this "standard" however, a considerable proportion use other weights, number of blows, or length of free-fall. At the bottom of each boring log the elevation of the existing ground is shown; also, the depth to ground water. The reference elevations shown on the boring logs do not indicate the base used. It is believed however, that in the great majority of cases the elevations given are related to Boston City Base, which is 5.65 feet below Mean Sea Level.

Accompanying the tabulation is Map No. 1 showing locations of all borings covered by the tabulation.

Compilation of boring data covering other sections is presently at a standstill; but it is hoped that additional funds permitting, this vital information can be published in the forthcoming issues of the Journal and ultimately into a book.

Finally, a word of appreciation for the generous donations contributed by the Boston Society of Civil Engineers, consultants, contractors, Government organizations, and others. Without the financial support given, publication of this information would not have been possible. A list of the contributors appears in the Appendix.

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June 30, 1969.

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
1 E8	0.0	— 3.4	Fill Yellow Clay & fine Sand	9	8 F8	0.0	— 6.33	Misc. Fill Blue Clay				
	3.4	— 24.0				6.33	— 25.0					
Elev. Ex. Ground: 17.4'					Elev. Ex. Ground: 15'							
Depth Gr. Water: Not given					Depth Gr. Water: Not given							
2 D8	0.0	— 12.0	Clay, Sand, Gravel Soft silty Peat Medium Clay & Sand Hard yellow Clay & little fine Sand		9 F8	0.0	— 2.0	Fill Peat, little Fill Stiff blue Clay				
	12.0	— 18.0				2.0	— 6.75					
	18.0	— 20.0				6.75	— 24.0					
	20.0	— 34.0				Elev. Ex. Ground: 15'						
Elev. Ex. Ground: 15.4'					Depth Gr. Water: Not given							
Depth Gr. Water: 6'					10 F8	0.0	— 7.5	Fill Stiff blue Clay				
3 E8	0.0	— 14.0	Sand, Gravel, Brick Clay & mud Fill Silty Peat Blue Clay Loose blue Sand Yellow Clay & little fine Sand	5 3 7		7.5	— 31.0					
	14.0	— 24.0				Elev. Ex. Ground: 15'						
	24.0	— 26.0				Depth Gr. Water: Not given						
	26.0	— 29.0			11 D8	0.0	— 13.5	Fill Silt, Sand, Gravel Peat Medium blue Clay				
29.0	— 42.0	13.5	— 15.2									
Elev. Ex. Ground: 16'						15.2	— 38.1					
Depth Gr. Water: 11.0'						38.1	— 40.0					
4 D8	0.0	— 13.5	Misc. Fill Peat Blue Clay Yellow Clay & fine Sand Yellow Clay & fine Sand Soft Clay Soft Clay Soft Clay Sand-Gravel & Clay, Hard Pan Refusal	7 16 9 3 2 1 62	12 D8	0.0	— 11.4	Misc. Fill Peat Silt Medium blue Clay				
	13.5	— 18.0				11.4	— 23.0					
	18.0	— 19.0				23.0	— 30.9					
	19.0	— 23.0				30.9	— 40.0					
	23.0	— 26.0				Elev. Ex. Ground: 16'						
	26.0	— 33.0				Depth Gr. Water: Not given						
	33.0	— 50.0				13 E9	0.0			— 0.33	Concrete Misc. Fill Silty Peat Silt & Shells Fine Sand & Clay	11 2 2 10
	50.0	— 78.0					0.0			— 12.6		
	78.0	— 82.0					12.6			— 18.6		
	82.0	— 82.0					18.6			— 37.0		
Elev. Ex. Ground: 15'					Elev. Ex. Ground: 17'							
Depth Gr. Water: Not given					Depth Gr. Water: 9.5'							
5 D8	0.0	— 10.5	Misc. Fill Peat Blue Clay Clay Yellow Clay & fine Sand Blue Clay & fine Sand Blue Clay & fine Sand Not refusal	14 1 29 13 7 3	14 D8	0.0	— 11.5	Misc. Fill Peat Clay & Sand Clay, Sand & Gravel Clay & Sand Clay & Sand				
	10.5	— 13.5				11.5	— 15.0					
	13.5	— 15.0				15.0	— 17.0					
	15.0	— 21.0				17.0	— 24.0					
	21.0	— 25.0				24.0	— 31.0					
	25.0	— 52.0				31.0	— 35.0					
	52.0	— 78.0				Elev. Ex. Ground: 16' (curb)						
	78.0	— 78.0				Depth Gr. Water: 6.5'						
Elev. Ex. Ground: 16.5'					15 E9	0.0	— 20.3	Misc. Fill Silt & fine Sand Silty Peat Clay & little fine Sand	10 4			
Depth Gr. Water: Not given						20.3	— 35.0					
6 D8	0.0	— 11.6	Ash & Sand Fill Peat Yellow Clay	10		35.0	— 36.0					
	11.6	— 17.0				36.0	— 41.0					
	17.0	— 28.6			41.0	— 49.0						
Elev. Ex. Ground: 16.5'					Elev. Ex. Ground: (15.5'/18') 18.0'							
Depth Gr. Water: Not given					Depth Gr. Water: (5.5'/7.8') 7.5'							
7 D8	0.0	— 10.8	Fill Peat Yellow Clay	15		0.0	— 10.8					
	10.8	— 16.6				10.8	— 16.6					
	16.6	— 19.0				16.6	— 19.0					
Elev. Ex. Ground: 14.3'					Elev. Ex. Ground: 14.3'							
Depth Gr. Water: Not given					Depth Gr. Water: Not given							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
16 D8	0.0	10.0	Fill	16	22 E9	0.0	6.5	Fill	
	10.0	16.0	Peat	2		6.5	40.0	Peaty Silt, strata of Sand & shells	5
	16.0	23.0	Organic Silt	2		40.0	42.0	Course Silty Sand & Wood	15
	23.0	36.0	Yellow Clay	9					
	36.0	108.0	Blue Clay, fine Sand Lenses	6		42.0	55.0	Blue Clay & strata of Sand	5-6
108.0		Refusal							
Elev. Ex. Ground: 17'					Elev. Ex. Ground: 16'				
Depth Gr. Water: 9.2'					Depth Gr. Water: Not given				
17 E8	0.0	5.5	Fill		23 C7	0.0	4.0	Sand Gravel & Clay	
	5.5	20.0	Silt			4.0	10.0	Yellow Clay, trace Sand	22 & 21
	20.0	29.0	Peat			10.0	13.5	Yellow Clay	16
	29.0	45.0	Stiff Clay						
Elev. Ex. Ground: 15'					18.5	108.0	Blue Clay & thin strata fine Sand.	4 to 6	
Depth Gr. Water: Not given					108.0	110.0	Fine Sand, Gravel, Clay & boulders	134 & 24	
18 E9	0.0	8.0	Fill		Elev. Ex. Ground: 20.7'				
	8.0	15.5	Silt	1	Depth Gr. Water: 4.2'				
	15.5	16.5	Boulders		24 C7	0.0	9.0	Misc. Fill	4
	16.5	25.0	Silt & Sea Shells	1		9.0	11.5	Silty Sand	4
Elev. Ex. Ground: 16'						11.5	12.5	Blue Clay, trace Gravel	9
Depth Gr. Water: Not given						12.5	19.0	Yellow Clay	13
19 E9	0.0	8.0	Fill		19.0	24.0	Yellow Clay	7	
	8.0	16.5	Silt & Sea Shells	2	24.0	52.0	Blue Clay		
	16.5	18.0	Silt, Gravel Boulders	8	52.0	54.0	Blue Clay, trace Gravel	10	
	18.0	43.0	Silt & Sea Shells	2	54.0	60.0	Blue Clay	3	
	43.0	46.5	Blue Clay, little fine Sand	7	Elev. Ex. Ground: 20.43'				
	46.5	65.0	Blue Clay	3	Depth Gr. Water: 8.0'				
Elev. Ex. Ground: 16'					25 C7	0.0	12.0	Misc. Fill	5
Depth Gr. Water: Not given						12.0	19.0	Yellow Clay	12
20 E9	0.0	7.0	Fill	12		19.0	25.0	Yellow Clay	8
	7.0	17.0	Peaty Silt, Shells, Sand fill	2		25.0	88.0	Blue Clay	3
	17.0	18.5	Clay, Sand, Gravel, Stone fill			88.0	89.5	Fine Sand, Gravel, some Clay	42
	18.5	42.0	Peaty Silt, Shells, Strata of Sand	4	89.5		Refusal		
42.0	52.0	Blue Clay & Strata of Sand	5-6	Elev. Ex. Ground: 20.16'					
Elev. Ex. Ground: 16'					Depth Gr. Water: 8.0'				
Depth Gr. Water: Not given					26 C7	0.0	4.5	Misc. Fill	8
21 E9	0.0	27.0	Misc. Fill	7		4.5	6.0	Fine Sand & Clay	3
	27.0	35.0	Peaty Silt & Shells	5		6.0	14.5	Yellow & Blue Clay	12
	35.0	40.5	Peaty Silt, Shells & Strata of Sand	5		14.5	109.0	Blue Clay	4
	40.5	54.0	Blue Clay & strata of Sand	6		109.0	115.0	Fine Sand, some Gravel, trace of Clay	18
	54.0	69.5	Blue Clay & strata of Sand	3	115.0		Refusal		
69.5	70.5	Course Sand, Gravel		Elev. Ex. Ground: 14.58'					
70.5	73.0	Blue Clay, strata of Sand	4	Depth Gr. Water: Not given					
Elev. Ex. Ground: 16'					27 C7	0.0	3.5	Misc. Fill	10
Depth Gr. Water: Not given						3.5	11.5	Yellow Clay, trace Gravel	15
21 E9	0.0	27.0	Misc. Fill	7		11.5	19.0	Yellow Clay	7
	27.0	35.0	Peaty Silt & Shells	5		19.0	81.5	Blue Clay	3
	35.0	40.5	Peaty Silt, Shells & Strata of Sand	5		81.5	83.0	Fine Sand & Gravel	22
	40.5	54.0	Blue Clay & strata of Sand	6	83.0		Refusal		
54.0	69.5	Blue Clay & strata of Sand	3	Elev. Ex. Ground: 12.95'					
69.5	70.5	Course Sand, Gravel		Depth Gr. Water: Not given					
70.5	73.0	Blue Clay, strata of Sand	4						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
28 C7	0.0	4.0	Fill	5	36 C6	0.0	8.0	Fill	35
	4.0	12.5	Yellow & Blue Clay	17		8.0	22.0	Yellow Clay	32
	12.5	18.0	Yellow Clay	8		22.0	72.0	Blue Clay	10
	18.0	50.0	Blue Clay	3		72.0	86.5	Fine to coarse Sand & Gravel, little Silt, trace Clay - Till	101
Elev. Ex. Ground:			15.86'	86.5			91.5	Cored Rock, Shale	Cored
Depth Gr. Water:			None	91.5			Bottom of Boring		
29 C7	0.0	6.5	Misc. Fill	3	Elev. Ex. Ground:			Not given	
	6.5	14.5	Yellow & Blue Clay	12	Depth Gr. Water:			12.0'	
	14.5	21.0	Yellow Clay	7	37 C6	0.0	3.5	Misc. Fill	40
	21.0	60.0	Blue Clay	2		3.5	18.0	Yellow Clay	27
Elev. Ex. Ground:			18.03'	18.0		72.0	Blue Clay	9	
Depth Gr. Water:			None	72.0		84.0	Sand, Silt, Rock & Boulder fragments	28	
30 C7	0.0	10.0	Misc. Fill	3	84.0	Refusal			
	10.0	12.5	Peat, trace Sand	2	Elev. Ex. Ground:			Not given	
	12.5	25.0	Yellow Clay	10	Depth Gr. Water:			20'	
	25.0	85.5	Blue Clay	3	38 C6	0.0	5.0	Misc. Fill	16
	85.5	87.0	Fine Sand & Gravel	22		5.0	18.0	Yellow Clay	27
	Elev. Ex. Ground:			20.96'		18.0	80.0	Blue Clay	6
Depth Gr. Water:			9.0'	80.0		111.5	Fine to coarse Sand, some blue Clay - Till	88	
31 D7	0.0	8.5	Fill			111.5	116.5	Cored Rock, Shale	Cored
	8.5	26.5	Hard yellow Clay			Bottom of Boring			
	26.5	36.0	Medium blue Clay		Elev. Ex. Ground:			Not given	
Elev. Ex. Ground:			11'	Depth Gr. Water:			18.0'		
Depth Gr. Water:			None shown	39 C7	0.0	8.5	Misc. Fill	27	
32 C7	0.0	9.5	Misc. Fill		44	8.5	19.0	Yellow Clay	30
	9.5	20.0	Yellow, blue Clay, trace Gravel		22	19.0	36.5	Blue Clay	2
	20.0	26.0	Blue Clay with fine Sand lenses	8-10	Elev. Ex. Ground:			Not given	
Elev. Ex. Ground:			Not given	Depth Gr. Water:			20.0'		
Depth Gr. Water:			9.0'	40 C7	0.0	11.0	Misc. Fill	9	
33 C7	0.0	8.0	Fill		9	11.0	25.0	Yellow Clay	50
	8.0	20.0	Yellow Clay		12	25.0	119.0	Clay	4
	20.0	24.0	Yellow & Blue Clay, fine Sand lenses		5	119.0	126.0	Fine Sand, some Silt & Clay, & Gravel	91
	24.0	25.5		4	126.0	Refusal			
Elev. Ex. Ground:			Not given	Elev. Ex. Ground:			Not given		
Depth Gr. Water:			8'	Depth Gr. Water:			10.0'		
34 C7	0.0	8.0	Misc. Fill	7	41 C7	0.0	10.0	Fill	139
	8.0	21.0	Yellow Clay	3		10.0	25.0	Yellow Clay	48
	21.0	26.5	Blue Clay	2		25.0	113.0	Clay	7
Elev. Ex. Ground:			Not given	113.0		120.0	Sandy Clay with Shale fragments	67	
Depth Gr. Water:			9.0'	120.0		121.0	Fine Sand, Silt & Rock or Boulder fragments	185	
35 C6	0.0	9.5	Misc. Fill	17		121.0	Refusal		
	9.5	19.5	Yellow Clay	32	Elev. Ex. Ground:			Not given	
	19.5	41.5	Blue Clay	8	Depth Gr. Water:			9.0'	
Elev. Ex. Ground:			Not given	Depth Gr. Water:			20.3'		

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
42 C7	0.0	— 9.0	Misc. Fill	11	47	0.0	— 13.0	Fill	15
	9.0	— 22.0	Yellow Clay	23	18	13.0	— 28.0	Peaty Silt & Stones	1
	22.0	— 70.0	Blue Clay	7		28.0	— 38.0	Yellow Clay, some Gravel	17
	70.0	— 119.5	Blue Clay	3		38.0	— 45.0	Medium blue Clay, little Sand	3
	119.5	— 128.0	Fine to medium Sand, fine Gravel, trace Silt & blue Clay	82				Elev. Ex. Ground: 7.9'	
	128.0	— 133.0	Cored Rock, soft Shale	Cored				Depth Gr. Water: 6.0'	
	133.0		Bottom of Boring						
		Elev. Ex. Ground: Not given			48	0.0	— 5.9	Fill	
		Depth Gr. Water: 22.0'			F8	5.9	— 12.0	Soft Silt & Shells	
43 H8	0.0	— 5.0	Fill			12.0	— 20.5	Hard blue Clay	
	5.0	— 20.0	Peaty Silt	1		20.5	— 23.0	Medium blue Clay	
	20.0	— 24.0	Sand, Gravel & blue Clay	19				Elev. Ex. Ground: 15.50'	
	24.0	— 29.5	Yellow Clay, some fine Sand	13				Depth Gr. Water: Not given	
	29.5	— 42.0	Medium blue Clay	4	49	0.0	— 6.3	Fill	
		Elev. Ex. Ground: 6.0'		F8	6.3	— 19.0	Hard blue Clay & little Gravel		
		Depth Gr. Water: Not given					Elev. Ex. Ground: 16.0'		
							Depth Gr. Water: Not given		
44 18	0.0	— 10.0	Fill	5	50	0.0	— 9.2	Fill	
	10.0	— 26.5	Silt & Peat	3	G6	8.8	— 28.7	Silt & Shells	
	26.5	— 30.0	Sand	5		28.7	— 33.0	Peat	
	30.0	— 40.0	Yellow Clay, trace Sand	5		33.0	— 38.5	Fine Sandstone	
	40.0	— 136.0	Medium blue Clay, trace Sand	2		38.5	— 45.0	Medium blue Clay	
		Elev. Ex. Ground: 10.1'					Elev. Ex. Ground: 18'		
		Depth Gr. Water: Not given					Depth Gr. Water: Not given		
45 18	0.0	— 20.0	Fill	3	51	0.0	— 9.2	Fill	
	20.0	— 24.0	Peat	2	G6	9.2	— 28.5	Silt & Shells	
	24.0	— 40.0	Medium yellow Clay, trace Sand	6		28.5	— 33.2	Peat	
	40.0	— 42.0	Medium blue Clay, trace Sand	3		33.2	— 34.7	Fine Sandstone	
			Elev. Ex. Ground: 10.5'			34.7	— 40.0	Medium blue Clay	
		Depth Gr. Water: Not given					Elev. Ex. Ground: 18'		
							Depth Gr. Water: Not given		
46 18	0.0	— 8.0	Fill	10	52	0.0	— 10.5	Fill	
	8.0	— 13.0	Sand, Gravel & Silt	2	G8	10.5	— 18.0	Medium yellow Clay.	
	13.0	— 19.0	Peat, Sand, Gravel	3				Elev. Ex. Ground: 12.91'	
	19.0	— 30.0	Yellow Clay, trace fine Sand	13				Depth Gr. Water: 6.5'	
	30.0	— 40.0	Medium yellow Clay, trace fine Sand & Gravel	3	53	0.0	— 9.2	Fill	
	40.0	— 54.0	Medium blue Clay & fine Sand	3	G8	9.2	— 11.0	Sand, Silt	
	54.0	— 58.0	Sand & Blue Clay	8		11.0	— 15.5	Medium yellow Clay	
	58.0	— 85.0	Blue Clay & fine Sand	4				Elev. Ex. Ground: 10.50'	
	85.0	— 90.0	Sand, Gravel & blue Clay	20				Depth Gr. Water: Not given	
	90.0		Refusal, Rock or Boulders		54	0.0	— 10.0	Fill	
		Elev. Ex. Ground: 10.4'		F6	10.0	— 28.1	Medium blue Clay		
		Depth Gr. Water: Not given			28.1	— 32.0	Medium Clay & little Gravel		
					32.0	— 36.0	Medium Clay		
							Elev. Ex. Ground: 10'		
							Depth Gr. Water: 14' (approx)		

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
55 F6	0.0	17.0	Fill		62 G7	0.0	24.5	Fill	7
	17.0	20.3				24.5	27.0	Yellow Clay	27
	20.3	34.8	Silt, very little fine Sand & Shells			27.0	50.0	Blue Clay	7
	34.8	35.3	Peat			Elev. Ex. Ground: 23.6'			
	35.3	39.0	Hard blue Clay			Depth Gr. Water: Not given			
	39.0	45.0	Medium Clay & little Sand		63 G7	0.0	19.4	Fill	19
Elev. Ex. Ground: 17.61'						19.4	26.9	Organic Silt & Shells	2
Depth Gr. Water: 14' (approx)						26.9	31.0	Blue & yellow Clay	20
56 F6	0.0	12.0	Misc. Fill			31.0	39.0	Yellow Clay	17
	12.0	21.0	Silt, little fine Sand	8		39.0	50.0	Blue Clay	9
	21.0	25.0	Blue Clay	15	Elev. Ex. Ground: 19.6'				
	25.0	35.0	Yellow Clay	11	Depth Gr. Water: Not given				
	35.0	45.0	Blue Clay	3	64 G7	0.0	17.8	Fill	12
Elev. Ex. Ground: 10'						17.8	27.3	Organic Silt & Shells	2
Depth Gr. Water: 1.5'						27.3	31.0	Yellow & blue Clay	29
57 F6	0.0	7.0	Misc. Fill			31.0	42.0	Sandy, gravelly Yellow Clay	27
	7.0	16.0	Sand, Gravel, Clay, Fill	5		42.0	47.0	Yellow Clay & little medium Gravel	11
	16.0	25.5	Silt, little fine Sand	2	47.0	57.8	Sandy blue Clay & some medium Gravel	15	
	25.5	30.5	Yellow Clay	15	57.8	118.0	Blue Clay	7	
	30.5	37.5	Yellow Clay	7	118.0	126.2	Fine Sand, Clay, some Medium Gravel, Rock & Blue fragments	141	
37.5	47.0	Blue Clay	3				141 Cored		
Elev. Ex. Ground: 10'					136.2	141.2	Shale		
Depth Gr. Water: 5'					Elev. Ex. Ground: 17.6'				
58 F6	0.0	10.5	Misc. Fill		Depth Gr. Water: Not given				
	10.5	23.0	Silt, little fine Sand	2/15"	65 G7	0.0	16.0	Fill	4
	23.0	26.5	Blue Clay	15		16.0	19.0	Yellow Clay & some coarse Gravel	30
	26.5	34.0	Yellow Clay	13		19.0	28.0	Yellow Clay	16
	34.0	44.0	Blue Clay	3		28.0	104.0	Blue Clay	7
Elev. Ex. Ground: 10'				104.0		111.0	Fine Sand, some Clay & some medium coarse Gravel	87	
Depth Gr. Water: 2.0'					111.0	113.0	Till	160	
59 F6	0.0	12.0	Misc. Fill		Elev. Ex. Ground: 16.9'				
	12.0	24.5	Silt	2	Depth Gr. Water: Not given				
	24.5	35.0	Yellow Clay	10	66 G7	0.0	16.7	Fill	5
	35.0	45.0	Blue Clay	3		16.7	22.0	Yellow Clay	14
	Elev. Ex. Ground: 10'					22.0	38.0	Yellow & blue Clay	8
Depth Gr. Water: 2.0'				38.0		101.0	Blue Clay	6	
60 F6	0.0	13.5	Misc. Fill			101.0	112.7	Fine Sand & little Clay	21
	13.5	24.0	Silt, little fine Sand	2	112.7	115.0	Fine to medium Sand, little Clay, some medium Gravel & Rock or Boulders		
	24.0	26.5	Yellow Clay	12	115.0	Refusal			
	26.5	34.5	Yellow Clay	9	Elev. Ex. Ground: 17.1'				
	34.5	45.0	Blue Clay	3	Depth Gr. Water: Not given				
Elev. Ex. Ground: 10'				61 F7	0.0	11.5	Fill		
Depth Gr. Water: 2.5'					11.5	19.7	Silt & Shells		
61 F7	0.0	11.5	Fill			19.7	21.0	Hard blue Clay	
	11.5	19.7	Silt & Shells			21.0	26.0	Hard yellow Clay	
	19.7	21.0	Hard blue Clay			Elev. Ex. Ground: 22'			
	21.0	26.0	Hard yellow Clay		Depth Gr. Water: Not given				
	Elev. Ex. Ground: 22'								
Depth Gr. Water: Not given									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
67 F7	0.0	— 27.0	Fill	15	72 E6	0.0	— 14.0	Misc. Fill		
	27.0	— 30.0	Organic Silt & Shells	43		14.0	— 22.5	Silt		
	30.0	— 39.0	Yellow Clay, little fine Gravel	25		22.5	— 27.0	Sandy Clay, Stone, Pebbles, Till	15	
	39.0	— 111.0	Blue Clay	7		27.0	— 32.5	Yellow Clay	6	
	111.0	— 118.0	Fine to coarse Sand & some medium coarse Gravel	34		Elev. Ex. Ground:		12.6'		
	118.0	— 123.0	Sand & little fine Gravel	18		Depth Gr. Water:		4.5'		
	123.0	— 130.0	Fine Sand, little coarse & some medium coarse Gravel	69		73 F6	0.0	— 27.5	Fill	
	130.0		Refusal				27.5	— 45.2	Silt, little fine Sand & Shells	
	Elev. Ex. Ground:		16.9'				45.2	— 46.5	Medium blue Clay	
	Depth Gr. Water:		Not given				46.5	— 47.7	Hard Sand	
				47.7	— 52.0		Coarse Gravel			
68 G7	5.0	— 10.0	Misc. Fill	21	Elev. Ex. Ground:		22.5'			
	10.0	— 13.0	Sand, Gravel,		Depth Gr. Water:		Not given			
	13.0	— 20.0	Silty Peat		74 F5	0.0	— 14.2	Fill		
	20.0	— 29.5	Organic Silt & Shells			14.2	— 33.0	Silt, little fine Sand & Shale		
	29.5	— 35.0	Hard yellow Clay			33.0	— 35.4	Fine Sand & Clay		
	35.0	— 43.0	Very stiff yellow Clay			35.4	— 40.0	Hard blue Clay, little fine Sand & Gravel		
	43.0	— 124.0	Medium blue Clay			Elev. Ex. Ground:		16.5'		
	124.0	— 135.0	Fine to coarse Sand, Clay, some coarse Gravel & Boulders		Depth Gr. Water:		4.0'			
	135.0	— 137.0	Cored Shale		75 E5	0.0	— 18.6	Fill		
	137.0	— 142.0	Cored Rock, soft shale			18.6	— 35.0	Silt, little fine Sand & Shells		
142.0		Bottom of Boring		35.0		— 36.5	Peat	3		
Elev. Ex. Ground:		19.2'		36.5		— 38.0	Sand, little Gravel & Clay	10		
Depth Gr. Water:		10.0'		38.0		— 40.0	Blue Clay	9		
69 G7	0.0	— 25.0	Misc. Fill	49	40.0	— 46.5	Clay & fine Sand	10		
	25.0	— 35.8	Silty Clay & little medium Gravel	18	46.5	— 50.0	Blue Clay	4		
	35.8	— 44.5	Yellow Clay	25	Elev. Ex. Ground:		13.7'			
	44.5	— 120.0	Blue Clay	7	Depth Gr. Water:		4.7'			
	120.0	— 125.0	Cored Rock, soft Shale		76 F6	0.0	— 15.5	Misc. Fill		
	125.0		Bottom of Boring			15.5	— 23.0	Soft Silt & little fine Sand	2	
Elev. Ex. Ground:		19.1'		23.0		— 30.5	Silt, little Shells	14		
Depth Gr. Water:		10.5'		30.5		— 37.0	Blue Clay			
				37.0		— 40.0	Yellow Clay, fine Sand	6		
70 E6	0.0	— 20.0	Misc. Fill		Elev. Ex. Ground:		-4.0' plus/minus			
	20.0	— 25.0	Silt, little Sand & Shells	3	Depth Gr. Water:		8.0'			
	25.0	— 26.0	Sand & Clay	10	77 E2	0.0	— 15.7	Fill		
	26.0	— 32.0	Hard Clay	24		15.7	— 21.3	Silt, Sand & Shells		
	32.0	— 37.0	Clay	8		21.3	— 25.7	Fine Shells, Sand		
Elev. Ex. Ground:		17.3'		25.7		— 33.4	Hard fine Sand & Gravel			
Depth Gr. Water:		11' approx.		Elev. Ex. Ground:		16.1'				
71 E6	0.0	— 18.0	Misc. Fill		Depth Gr. Water:		8.5'			
	18.0	— 28.5	Silt		78 E2	0.0	— 15.5	Fill		
	28.5	— 30.0	Peat	2		15.5	— 21.5	Silt & Sand		
	30.0	— 30.6	Clay & Sand			21.5	— 25	Sharp fine Sand		
	30.6	— 36.5	Hard Clay			25	— 30.7	Hard fine Sand & Gravel		
	36.5	— 41.0	Clay	8		Elev. Ex. Ground:		15.0'		
Elev. Ex. Ground:		17.4'		Depth Gr. Water:		6.0'				
Depth Gr. Water:		Not given								

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
79 E2	0.0	16.7	Fill		85 F3	0.0	12.5	Fill		
	16.7	22.0	Silt & Sand			12.5	19.8	Rather coarse Sand fill		
	22.0	31.0	Hard medium Sand & Gravel			19.8	26.2	Coarse Sand & little Gravel fill		
	31.0	34.7	Hard yellow Clay & fine Sand			26.2	28.7	Fine silty Sand		
Elev. Ex. Ground:			14.9'	Elev. Ex. Ground:			19.5'			
Depth Gr. Water:			Not given	Depth Gr. Water:			11.5'			
80 D3	0.0	12.0	Fill		86 E2	0.0	17.0	Fill		
	12.0	20.0	Loose, medium silty Sand, trace Gravel	4		17.0	27.4	Silty Sand & Shells		
	20.0	25.5	Peat & decayed Vegetable matter	2		27.4	28.8	Fine Shells, Sand		
	25.5	29.0	Coarse Sand & Gravel	56		28.8	30.0	Medium & coarse Sand & Gravel		
	29.0	42.0	Coarse Sand & Gravel	37		30.0	31.3	Medium blue Clay & fine Sand		
	42.0	57.0	Blue Clay	6		31.3	35.5	Hard yellow Clay & fine Sand		
Elev. Ex. Ground:			20.75'	Elev. Ex. Ground:			17.70'			
Depth Gr. Water:			10'	Depth Gr. Water:			11.0'			
81 D3	0.0	22.0	Fill		87 F2	0.0	15.0	Fill		
	22.0	25.0	Peat & Silt	2		15.0	23.8	Fine silty Sand & Shells		
	25.0	29.5	Peat & Decayed Vegetable matter	4		23.8	25.0	Coarse silty Sand & Gravel		
	29.5	32.0	Peaty Sand	8		25.0	31.3	Coarse Sand & Gravel		
	32.0	35.0	Medium Sand, Gravel & Boulders	76		31.3	35.0	Coarse Sand		
	35.0	44.0	Medium Sand, trace Gravel	30		Elev. Ex. Ground:			17.40'	
	44.0	51.0	Coarse Sand	31		Depth Gr. Water:			9.0'	
	51.0	100.0	Blue Clay	4		88 E2	0.0	14.3	Fill	
Elev. Ex. Ground:			23.25'	Elev. Ex. Ground:			17.40'			
Depth Gr. Water:			Not given	Depth Gr. Water:			Not given			
82 D3	0.0	9.5	Cellar		14.3		25.3	Fine silty Sand & Shells		
	9.5	18.5	Fill		25.3		27.5	Coarse Sand & Gravel		
	18.5	24.0	Fine silty Sand	2	27.5		32.0	Fine & Coarse Sand		
	24.0	28.0	Peat	2	Elev. Ex. Ground:			17.40'		
	28.0	30.0	Peaty Sand	7	Depth Gr. Water:			Not given		
	30.0	34.0	Coarse Sand & Gravel	71	89 E3	0.0	18.4	Fill		
	34.0	42.0	Medium Sand, trace Gravel	34		18.4	23.0	Fine silty Sand		
42.0	57.0	Blue Clay	6	23.0		28.6	Coarse Sand	4		
Elev. Ex. Ground:			22.5'	Elev. Ex. Ground:			18'			
Depth Gr. Water:			Not given	Depth Gr. Water:			Not given			
83 F3	0.0	2.0	Loam		90 E2	0.0	7.5	Fill		
	2.0	12.3	Sand & little Gravel Fill			7.5	16.5	Fine Sand & little Gravel fill		
	12.3	22.0	Rather coarse Sand			16.5	18.0	Silt		
	22.0	22.5	Fill			18.0	22.5	Silty Sand & Shells		
	22.5	27.2	Silt			22.5	30.0	Hard Sand & Gravel		
	27.2	35.0	Loose coarse Sand & Gravel			Elev. Ex. Ground:			11.8'	
Elev. Ex. Ground:			20'	Depth Gr. Water:			6.2'			
Depth Gr. Water:			11.0'	84 F3	0.0	11.5	Fill			
83 F3	0.0	2.0	Loam			11.5	18.7	Rather coarse Sand & little Gravel fill		
	2.0	12.3	Sand & little Gravel Fill			18.7	21.5	Coarse silty Sand		
	12.3	22.0	Rather coarse Sand			21.5	30.0	Coarse Sand & Gravel		
	22.0	22.5	Fill		Elev. Ex. Ground:			15.9'		
22.5	27.2	Silt		Depth Gr. Water:			6.75'			
27.2	35.0	Loose coarse Sand & Gravel		Elev. Ex. Ground:			11.8'			
Elev. Ex. Ground:			20'	Depth Gr. Water:			6.2'			
Depth Gr. Water:			11.0'	Elev. Ex. Ground:			11.8'			
84 F3	0.0	11.5	Fill		Depth Gr. Water:			6.2'		
	11.5	18.7	Rather coarse Sand & little Gravel fill		Elev. Ex. Ground:			11.8'		
	18.7	21.5	Coarse silty Sand		Depth Gr. Water:			6.2'		
	21.5	30.0	Coarse Sand & Gravel		Elev. Ex. Ground:			11.8'		
Elev. Ex. Ground:			15.9'	Depth Gr. Water:			6.75'			
Depth Gr. Water:			6.75'	Elev. Ex. Ground:			11.8'			
Elev. Ex. Ground:			15.9'	Depth Gr. Water:			6.75'			
Depth Gr. Water:			6.75'	Elev. Ex. Ground:			11.8'			
Elev. Ex. Ground:			15.9'	Depth Gr. Water:			6.75'			
Depth Gr. Water:			6.75'	Elev. Ex. Ground:			11.8'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
91 D2	0.0	14.5	Misc. Fill		96	0.0	1.5	Granite Blocks	
	14.5	16.0	Silt		E3	1.5	3.5	Fine Sand, some fine to medium Gravel	24
	16.0	19.5	Peat			3.5	16.0	Fine to medium Sand	25
	19.5	21.3	Sharp medium Sand		16.0	21.0	Fine Sand	21	
	21.3	25.6	Firm medium Sand & Gravel		21.0	29.0	Fine Sand & little Clay	21	
	25.6	27.5	Loose, coarse Sand & Gravel		29.0	31.0	Medium to coarse Sand & some fine Gravel	26	
27.5	30.0	Firm coarse Sand & little Gravel		31.0	34.5	Stiff yellow Clay	30		
	Elev. Ex. Ground: 14.5'				34.5	52.0	Blue Clay	6	
	Depth Gr. Water: 7'				Elev. Ex. Ground: 10' below sidewalk				
					Depth Gr. Water: 2.9'				
92 D3	0.0	16.0	Misc. Fill		97 E3	0.0	0.5	Concrete	
	16.0	17.5	Silt & little fine Sand			0.5	23.0	Misc. Fill	10
	17.5	23.7	Peat			23.0	25.0	Fine silty Sand, trace Peat & some fine to medium Gravel	4
	23.7	24.5	Sharp medium Sand			25.0	48.0	Fine to medium Sand & little medium Gravel	38
24.5	30.0	Firm Sand & Gravel		48.0	53.0	Fine to medium Sand	14		
	Elev. Ex. Ground: 17'				53.0	63.0	Blue Clay	8	
	Depth Gr. Water: 9.5'				Elev. Ex. Ground: 7' below sidewalk level				
					Depth Gr. Water: 16.4'				
93 F2	0.0	20.0	Sandy organic Silt	3	98 D3	0.0	7.5	Fill	4
	20.0	32.4	Fine to coarse Sand, little Silt & some fine to coarse Gravel	34		7.5	13.0	Peat	1
	32.4	35.0	Fine Sand	37		13.0	15.5	Organic silty Sand, Gravel	2
	35.0	40.8	Very fine Sand, some yellow Clay	32		15.5	27.0	Fine-coarse Sand & Gravel	32
	40.8	43.0	Sandy blue Clay	12		27.0	34.5	Medium to coarse Sand & Gravel	23
	43.0	45.0				34.5	45.0	Sandy blue Clay	7
	Elev. Ex. Ground: 15.8'				45.0	79.0	Blue Clay	5	
	Depth Gr. Water: Not given				79.0	85.0	Blue Clay & stratum Gravel & fine Sand	14	
94 F2	0.0	30.0	Peat & organic Silt	4	85.0	114.0	Blue Clay	7	
	30.0	32.0	Fine to medium Sand & some fine to coarse Gravel	34	114.0	117.0	Sand, Gravel & Clay	20	
	32.0	35.3	Fine to coarse Sand & some medium to coarse Gravel	13	117.0		Refusal		
	35.3	38.0	Very fine clayey Sand	17	Elev. Ex. Ground: 11.5'				
	38.0	42.5	Blue Clay	7	Depth Gr. Water: 8.3'				
	42.5	47.0			99 D3	0.0	7.2	Fill	9
	Elev. Ex. Ground: 14.6'					7.2	13.0	Peaty Silt	1
	Depth Gr. Water: 10.8'					13.0	17.5	Fine to medium Sand & Gravel	21
95 F2	0.0	27.0	Fine to medium Sand & Silt	4		17.5	34.5	Medium to coarse Sand & Gravel	28
	27.0	31.0	Peat	6		34.5	39.0	Blue Clay	7
	31.0	32.0	Fine to coarse Sand, little coarse Gravel	54		39.0	42.5	Blue Clay & little fine Sand	8
	32.0	35.4	Fine Sand	23	42.5	50.0	Blue Clay	5	
35.4	37.5	Yellow Clay	19	Elev. Ex. Ground: 12.5'					
	Elev. Ex. Ground: 13.2'			Depth Gr. Water: 6.0'					
	Depth Gr. Water: 9.9'								

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
100 D3	0.0	7.5	Fill	5	105 D3	0.0	6.0	Fill	5	
	7.5	13.7	Peaty organic Silt	2		6.0	14.5	Organic Silt	2	
	13.7	17.8	Medium to coarse Sand & Gravel	26		14.5	23.0	Fine medium Sand, some Gravel	18	
	17.8	34.5	Fine to coarse Sand & Gravel	19		23.0	36.0	Fine coarse Sand, some Gravel	12	
	34.5	39.0	Blue Clay	7		36.0	41.0	Blue Clay	7	
	39.0	42.0	Sandy blue Clay	8		Elev. Ex. Ground: 12.0'				
	42.0	50.0	Blue Clay	5		Depth Gr. Water: Not given				
Elev. Ex. Ground: 10.5'					106 C4	0.0	4.0	Misc. Fill		
Depth Gr. Water: 10.5'						4.0	8.0	Fine to coarse Sand & Gravel	3	
101 D3	0.0	7.3	Fill	7		8.0	13.0	Fine to coarse Sand & some Gravel	3	
	7.3	14.8	Peaty organic Silt	1		13.0	18.0	Silt	2	
	14.8	18.0	Fine to coarse Sand, Gravel	39		18.0	33.0	Fine to coarse Sand & Gravel	43	
	18.0	27.0	Fine to coarse Sand & Gravel	36		33.0	39.0	Medium to coarse Sand	31	
	27.0	33.0	Fine to coarse Sand & Gravel	21		39.0	47.0	Yellow to blue Clay	7	
	33.0	82.0	Blue Clay	6	Elev. Ex. Ground: 11'					
	82.0	84.0	Blue Clay, Sand Gravel	26	Depth Gr. Water: 11.0'					
Elev. Ex. Ground: 11.5'					107 C4	0.0	2.0	Fill		
Depth Gr. Water: 11.5'						2.0	14.0	Fine to coarse Sand & Gravel	6	
102 D3	0.0	2.5	Fill	10		14.0	18.0	Silt	2	
	2.5	8.0	Fill	13		18.0	37.0	Fine to coarse Sand & Gravel	43	
	8.0	12.0	Loose medium Sand & Gravel	8		37.0	40.0	Clay	7	
	12.0	22.0	Organic Silt	4		Elev. Ex. Ground: 12'				
	22.0	25.0	Firm medium Sand, Gravel & Stones	18		Depth Gr. Water: 10.0'				
	25.0	30.0	Hard medium Sand, Gravel & Stones	33	108 C4	0.0	14.0	Fill	4	
	30.0	42.0	Hard medium Sand, Gravel & some Stones	35		14.0	21.0	Silt	2	
Elev. Ex. Ground: 21.0'						21.0	37.5	Fine to coarse Sand & Gravel	45	
Depth Gr. Water: Not given						37.5	40.0	Clay	7	
103 D3	0.0	13.0	Fill	10		Elev. Ex. Ground: 12'				
	13.0	16.0	Organic Silt	4		Depth Gr. Water: 11.0'				
	16.0	25.0	Fine coarse Sand & Gravel	21		109 D3	0.0	9.0	Misc. Fill	
	25.0	36.0	Sand, Gravel & some Stones	34	9.0		13.5	Silty Peat	2	
Elev. Ex. Ground: 18.3'					13.5		16.0	Coarse Sand, Gravel, little Clay	3	
Depth Gr. Water: Not given					16.0		18.5	Coarse Sand, Gravel & Boulders	12	
104 D3	0.0	11.0	Fill	10	18.5	25.0	Coarse Sand & Gravel	16		
	11.0	16.5	Organic Silt	2	Elev. Ex. Ground: 17' plus/minus					
	16.5	22.0	Coarse Sand, Gravel & Stones	20	Depth Gr. Water: 6.0'					
	22.0	30.0	Coarse Sand & Gravel	16	110 D3	0.0	9.5	Misc. Fill		
	30.0	37.0	Sand, trace Gravel	11		9.5	13.5	Silty Peat	4	
	37.0	42.0	Blue Clay	6		13.5	16.5	Sand & Gravel	3	
	Elev. Ex. Ground: 15.0'						16.5	18.5	Coarse Sand, Gravel	16
Depth Gr. Water: Not given						18.5	22.0	Coarse Sand, Gravel	10	
						22.0	26.0	Coarse Sand, Gravel	15	
						Elev. Ex. Ground: 17' plus/minus				
					Depth Gr. Water: 6.5'					

BOSTON PENINSULA

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No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
120 D4	0.0	— 9.5	Fine Sand & little fine Gravel	2	125 E4	0.0	— 16.2	Fill	12	
	9.5	— 12.0	Peaty organic Silt	1		16.2	— 25.8	Organic Silt & Shale	2	
	12.0	— 13.5	Medium to coarse Silt & little Clay	14		25.8	— 35.0	Fine to medium Sand & little fine to medium Gravel	15	
	13.5	— 23.5	Fine to coarse Sand & little fine to coarse Gravel	27		35.0	— 41.3	Coarse Sand & some fine to medium Gravel	17	
	23.5	— 43.5	Yellow Clay	6		41.3	— 55.0	Blue Clay	7	
	43.5	— 143.0	Blue Clay	2		Elev. Ex. Ground: 17.72'				
	143.0	— 145.0	Boulders	Cored		Depth Gr. Water: 13.9'				
	145.0	— 150.0	Cambridge Shale with Quartz seams	Cored						
	Elev. Ex. Ground: 11.46'					126 E4	0.0	— 17.0	Misc. Fill	10
	Depth Gr. Water: 7.0'					17.0	— 23.7	Organic Silt & Shells	2	
121 C3	0.0	— 14.5	Misc. Fill	9	23.7	— 30.0	Fine to coarse Sand & some fine to medium Gravel	15		
	14.5	— 19.5	Peat	2	30.0	— 49.0	Fine to coarse Sand & some medium coarse Gravel	22		
	19.5	— 22.5	Compact coarse yellow Sand & Gravel	30	49.0	— 52.0	Yellow Clay	20		
	22.5	— 30.0	Compact coarse Sand & Gravel	45	52.0	— 55.0	Blue Clay	7		
	Elev. Ex. Ground: Not given				Elev. Ex. Ground: 17.52'					
Depth Gr. Water: 12.5'				Depth Gr. Water: 13.9'						
122 D4	0.0	— 2.0	Loam	10	127 C3	0.0	— 11.8	Fill		
	2.0	— 15.5	Misc. Fill	3		11.8	— 19.0	Peat (mud)		
	15.5	— 27.5	Peat & Silt	3		19.0	— 31.0	Compact Sand & Gravel		
	27.5	— 35.0	Coarse Sand & Gravel	4		31.0	— 36.0	Medium blue Clay		
	35.0	— 40.5	Blue Clay	8		Elev. Ex. Ground: 18.0'				
	40.5	— 42.5	Yellow Clay	10		Depth Gr. Water: 10.0'				
	42.5	— 46.0	Blue Clay	7		128 C4	0.0	— 12.0	Fill	
	46.0	— 48.0	Blue Clay	4		12.0	— 18.6	Soft Clay		
	Elev. Ex. Ground: Not given					18.6	— 28.6	Compact Sand & Gravel		
	Depth Gr. Water: 14.0'					28.6	— 40.9	Medium blue Clay		
123 D4	0.0	— 2.0	Loam	12	40.9	— 88.1	Soft blue Clay			
	2.0	— 13.0	Misc. Fill	6	88.1	— 91.9	Hard pan			
	13.0	— 16.0	Peat & Silt Fill	4	Elev. Ex. Ground: 17.5'					
	16.0	— 22.5	Peaty Silt	4	Depth Gr. Water: Not given					
	22.5	— 35.0	Compact medium Sand & Gravel	40	129 C4	0.0	— 13.6	Fill		
	35.0	— 37.0	Compact medium Sand & Gravel	64	13.6	— 19.5	Very soft Clay			
	37.0	— 38.0	Yellow Clay	8	19.5	— 33.5	Compact Sand & Gravel			
38.0	— 44.0	Blue Clay	8	33.5	— 43.5	Medium blue Clay				
Elev. Ex. Ground: Not given				Elev. Ex. Ground: 18.1'						
Depth Gr. Water: 13.0'				Depth Gr. Water: Not given						
124 C4	0.0	— 2.5	Loam	10	130 C3	0.0	— 9.0	Fill		
	2.5	— 15.0	Misc. Fill	4		9.0	— 13.0	Very soft Clay		
	15.0	— 17.0	Silt	6		13.0	— 16.0	Mud & Sand		
	17.0	— 20.5	Blue Clay & Silt	46		16.0	— 30.5	Compact Sand & Gravel		
	20.5	— 30.0	Compact medium Sand & Gravel	17		30.5	— 34.0	Soft Clay & fine Sand		
	30.0	— 32.0	Coarse Sand, Gravel	9		34.0	— 44.0	Medium blue Clay		
	32.0	— 33.0	Yellow Clay			Elev. Ex. Ground: 15.3'				
	33.0	— 39.5	Blue Clay			Depth Gr. Water: 9.0'				
Elev. Ex. Ground: Not given										
Depth Gr. Water: 12.0'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
131 C4	0.0	6.5	Fill		136 C4	0.0	9.0	Misc. Fill	11
	6.5	13.0	Very soft Clay			9.0	11.0	Peat	4
	13.0	23.7	Compact Sand & Gravel			11.0	16.0	Very loose Silt & Shells	3
	23.7	30.0	Medium blue Clay			16.0	37.0	Compact coarse Sand & Gravel	23
	30.0	73.0	Soft blue Clay			37.0	40.0	Yellow Clay	11
Elev. Ex. Ground:			12.2'	Elev. Ex. Ground:			Not given		
Depth Gr. Water:			Not given	Depth Gr. Water:			7.0'		
132 C4	0.0	6.0	Fill		137 D3	0.0	0.1	Black Top	
	6.0	13.8	Peat mud			0.1	14.0	Misc. Fill	37
	13.8	29.0	Compact Sand & Gravel			14.0	19.0	Sandy organic Silt	1
	29.0	41.0	Medium blue Clay			19.0	22.0	Organic Silt, fine to medium Sand, some fine to medium Gravel	12
Elev. Ex. Ground:			12.5'	Elev. Ex. Ground:			19.66'		
Depth Gr. Water:			Not given	Depth Gr. Water:			10.2'		
133 D3	0.0	0.5	Concrete floor	Cored	22.0	32.0	Fine to coarse Sand, trace Silt	18	
	0.5	1.3	Void		32.0	36.0	Fine to coarse Sand some fine Gravel, little Silt	20	
	1.3	6.0	Fill	5	36.0	42.0	Sandy Clay, some fine Gravel	10	
	6.0	9.5	Sandy organic Silt	2	42.0	52.0	Sandy blue Clay	6	
	9.5	11.0	Medium to coarse Sand & little medium Gravel	14	Elev. Ex. Ground:				
	11.0	31.5	Medium coarse Sand & some medium coarse Gravel	36	Depth Gr. Water:				
	31.5	35.5	Yellow Clay	7	138 D3	0.0	0.1	Black Top	
	35.5	47.5	Blue Clay	4		0.1	12.0	Misc. Fill	20
Elev. Ex. Ground:			12.2'	12.0		18.0	Peat		
Depth Gr. Water:			7.9'	18.0		34.0	Fine to coarse Sand, little fine Gravel, trace Silt, Cobbles	28	
134 D3	0.0	1.2	Concrete floor	Cored	34.0	39.0	Silty yellow & blue Clay, little fine Gravel	14	
	1.2	3.0	Medium to coarse Sand & little Gravel	5	39.0	54.0	Silty medium blue Clay, fine Sand lenses	4	
	3.0	18.0	Medium coarse Sand & some fine to medium Gravel	23	Elev. Ex. Ground:			17.95'	
	18.0	24.0	Yellow Clay & little coarse Gravel	12	Depth Gr. Water:			11.1'	
	24.0	93.7	Blue Clay	5	139 D4	0.0	0.1	Black Top	
	93.7	101.0	Medium coarse Sand, little Clay & some fine to coarse Gravel - Till	59		0.1	13.0	Misc. Fill	8
	Elev. Ex. Ground:			2.4'		13.0	23.0	Peaty organic Silt	3
Depth Gr. Water:			2.4'	23.0		30.0	Fine to coarse Sand, some fine to medium Gravel, little Silt & Boulders	110	
135 C5	0.0	13.0	Fill	14	30.0	35.0	Fine to medium Sand, trace Silt	20	
	13.0	16.5	Silt	3	35.0	40.0	Pushed Boulders		
	16.5	37.5	Coarse Sand & Gravel	21	40.0	52.0	Sandy medium blue Clay	4	
	37.5	40.0	Yellow Clay	13	Elev. Ex. Ground:			17.67'	
	Elev. Ex. Ground:			Not given	Depth Gr. Water:			8.1'	
Depth Gr. Water:			6.0'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
140 D4	0.0	— 0.5	Black Top & Cobbles	12	146 C4	0.0	— 12.0	Misc. Fill	8
	6.5	— 12.0	Misc. Fill	16		12.0	— 16.5	Silt	1
	12.0	— 16.0	Sandy organic Silt & Peat	2		16.5	— 21.5	Medium to coarse Sand, Gravel, trace Boulders	22
	16.0	— 19.0	Organic Sandy Clay & trace Peat	4		21.5	— 41.5	Medium to coarse Sand, Gravel, trace Boulders	15
	19.0	— 24.5	Coarse Sand & little coarse Gravel	40		41.5	— 49.0	Soft blue Clay	2
Elev. Ex. Ground:			17.4'	Elev. Ex. Ground:			17.4'		
Depth Gr. Water:			10.5'	Depth Gr. Water:			Not given		
141 D4	0.0	— 0.5	Black Top & Concrete	9	147 C4	0.0	— 0.25	Concrete	
	0.5	— 18.0	Misc. Fill	4		0.25	— 11.0	Medium to coarse Sand & Gravel	3
	18.0	— 24.0	Peaty organic Silt	1		11.0	— 12.0	Silty Sand & Peat	3
	24.0	— 30.0	Medium to coarse Silt, Sand	27		12.0	— 35.0	Medium to coarse Sand, Gravel, trace Boulders	15
Elev. Ex. Ground:			17.7'	Elev. Ex. Ground:			17.8'		
Depth Gr. Water:			10.8'	Depth Gr. Water:			6' plus/minus		
142 D4	0.0	— 0.5	Black Top & Concrete		148 C4	0.0	— 0.25	Concrete	
	0.5	— 4.0	Misc. Fill	34		0.25	— 4.0	Loose Brick, Sand, Gravel	
	4.0	— 13.0	Sand, Gravel, Brick, Wood & Silt	6		4.0	— 11.0	Loose Brick, Sand, Gravel	5
	13.0	— 18.0	Fine to medium Sand, Fill	17		11.0	— 14.0	Peaty Silt	2
	18.0	— 21.0	Sandy peaty organic Silt	2		14.0	— 19.5	Silt	3
	21.0	— 26.0	Medium to coarse Sand & little fine Gravel	30		19.5	— 21.5	Medium to coarse Sand, Gravel & Silt	11
Elev. Ex. Ground:			17.8'	Elev. Ex. Ground:			17.8'		
Depth Gr. Water:			11.5'	Depth Gr. Water:			12.0'		
143 C4	0.0	— 1.5	Coarse Sand & Gravel		149 D4	0.0	— 16.0	Fill	2
	1.5	— 12.0	Misc. Fill	4		16.0	— 20.0	Peaty Sand	2
	12.0	— 20.0	Organic Silt, little fine Sand	2		20.0	— 25.0	No samples	
	20.0	— 25.0	Coarse Sand, trace organic Matter & Shale	10		25.0	— 36.5	Medium to coarse Sand, Gravel	24
	25.0	— 29.0	Coarse Sand & fine Gravel	20		36.5	— 51.0	Medium to coarse Sand, Gravel, trace Boulders	10
29.0	— 42.0	Clay, little Silt	4	51.0	— 57.0	Blue Clay	2		
Elev. Ex. Ground:			16.8'	Elev. Ex. Ground:			17.5'		
Depth Gr. Water:			12.0'	Depth Gr. Water:			4.7'		
144 C4	0.0	— 9.5	Fill	4	145 C4	0.0	— 4.0	Fill	
	9.5	— 21.5	Organic Silt, trace fine Sand	1		4.0	— 11.5	Coarse to fine Sand & Gravel	6
	21.5	— 35.5	Coarse Sand & fine Gravel	28		11.5	— 17.0	Organic Silt	
35.5	— 42.0	Clay, little Silt	5	Elev. Ex. Ground:			17.0'		
Elev. Ex. Ground:			17.4'	Depth Gr. Water:			Not given		
Depth Gr. Water:			14.5'	Depth Gr. Water:			Not given		

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
150 D4	0.0	5.0	Fill		154 D4	0.0	17.5	Misc. Fill	16		
	5.0	13.0	Very loose Sand, Gravel	12		17.5	21.0	Organic Silt, little Sand	7		
	13.0	18.0	Medium to coarse Sand, granular Silt	5		21.0	33.0	Gravel, coarse to fine Sand, little Silt	23		
	18.0	25.0	Medium to coarse Sand, Gravel, trace Boulders	40		33.0	45.0	Gravel, medium to fine Sand	30		
	25.0	31.0	Medium to fine Sand, Gravel	20		45.0	53.0	Clay, little coarse sand & fine Gravel	2		
	31.0	42.0	Medium to fine Sand, Gravel	12		53.0	110.0	Stiff Clay	12		
	42.0	47.0	Medium to coarse Sand & Gravel	14		110.0	171.0	Clay	3		
	47.0	53.0	Medium to coarse Sand & Gravel	17		171.0	184.0	Altered Argillite & Clay, Till	50		
	53.0	60.0	Blue Clay	3		184.0	214.0	Rock	47		
	Elev. Ex. Ground: 17.5'					Elev. Ex. Ground: 17.8'					
	Depth Gr. Water: Not given					Depth Gr. Water: Not given					
151 D4	0.0	10.0	Fill		155 G5	0.0	32.5	Misc. Fill			
	10.0	14.0	Wood, Gravel, Brick			32.5	33.5	Medium Sand & Gravel Fill			
	14.0	18.0	Fill running Sand	2		33.5	44.0	Silt & little fine sand			
	18.0	20.0	Very loose Sand, Gravel	1		44.0	45.0	Fine Sand & little fine Gravel	14		
	20.0	21.0				45.0	51.0	Blue Clay	16		
	21.0	23.0	Silty Peat	3		51.0	52.0	Fine blue Clay	4		
	23.0	38.0	Medium to coarse Sand, Gravel, trace Boulders	25		52.0	56.0	Blue Clay, little fine Sand	6		
	38.0	44.0	Blue Clay, some Gravel	7		56.0	60.0	Fine Sand & little Clay			
	44.0	51.0	Blue Clay	3		60.0	73.0	Blue Clay, little fine Sand			
	Elev. Ex. Ground: 17.9'					Elev. Ex. Ground: 20.7'					
	Depth Gr. Water: 42'					Depth Gr. Water: 16.7'					
152 D4	0.0	18.0	Misc. Fill	8	156 G5	0.0	30.0	Fill			
	18.0	21.0	Silt	3		30.0	37.0	Silt, fine Sand & Shells			
	21.0	25.0	Loose Sand	6		37.0	39.0	Firm sharp dirty Sand	9		
	25.0	53.0	Little medium Sand & some Gravel	15		39.0	42.5	Yellow Clay	24		
	53.0	130.0	Blue Clay & Some Sand	2-10 Va.		42.5	47.0	Blue Clay & fine Sand	8		
	130.0	182.0	Blue Clay & some Sand	8		47.0	61.0	Blue Clay & Sand	6		
	182.0	193.5	Sand, Gravel & Boulders			61.0	111.0	Blue Clay & Sand	4		
	193.5	223.0	Rock	40		111.0	112.0	Sand, Gravel & Hard pan, Rock or Boulders	100		
	Elev. Ex. Ground: 18.6'					Elev. Ex. Ground: 19.0'					
	Depth Gr. Water: 10'					Depth Gr. Water: 12'					
	153 D4	0.0	15.0	Fill		15					
15.0		22.0	Silty Sand & Gravel	2							
22.0		49.0	Hard coarse Sand & Gravel	16							
49.0		136.0	Medium blue Clay & Sand	4							
136.0		186.0	Medium blue Clay & Sand	43							
186.0		212.0	Rock	50							
Elev. Ex. Ground: 18.2'				Elev. Ex. Ground: 12'							
Depth Gr. Water: 12' plus/minus											

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
157 G5	0.0	— 33.0	Misc. Fill		161 G5	0.0	— 0.2	Pavement		
	33.0	— 42.0	Silt, some Sand & Shells			0.2	— 29.0	Misc. Fill	3	
	42.0	— 43.5	Firm Sand			29.0	— 41.0	Soft peaty Silt & some Shells	4	
	43.5	— 47.0	Hard yellow Clay			41.0	— 44.5	Blue Clay & fine Sand	12	
	47.0	— 49.0	Medium blue Clay			44.5	— 48.0	Blue Clay, some fine Sand, Gravel	20	
	49.0	— 52.0	Fine Sand			48.0	— 63.0	Blue Clay, Stratum fine Sand & some Gravel	12	
	52.0	— 53.0	Coarse dirty Sand			63.0	— 82.0	Blue Clay & Stratum fine Sand	7	
	53.0	— 54.0	Dirty Sand & Gravel			82.0	— 99.0	Blue Clay & some fine Sand	8	
	54.0	— 69.0	Clay with Sand, Gravel & Stones mixed or in layers			99.0	— 103.0	Fine Sand	22	
	69.0	— 71.0	Sand, some Stones			103.0	— 125.0	Medium & fine Sand, Gravel, Boulders & little Clay	42	
	71.0	— 89.0	Soft blue Clay					Elev. Ex. Ground: 19.78'		
	89.0	— 91.0	Sand & coarse Gravel, some Clay					Depth Gr. Water: 14.5'		
	91.0	— 92.0	Soft Clay			162 G5	0.0	— 28.0	Misc. Fill	25
	92.0	— 93.0	Sand & Gravel				28.0	— 38.5	Some silty peaty Sand & Shells	3
	93.0	— 100.5	Soft blue Clay with some Stones				38.5	— 43.0	Blue Clay & fine Sand	20
100.5	— 112.0	Clay, Sand, Gravel & Stones		43.0	— 71.0		Blue Clay & some fine Sand	5		
		Elev. Ex. Ground: 20.0'		71.0	— 108.0		Blue Clay, some fine Sand & Stones	9		
		Depth Gr. Water: Not given		108.0	— 115.0		Sand, Gravel & Boulders	58		
158 G5	0.0	— 31.0	Misc. Fill					Elev. Ex. Ground: 19.14'		
	31.0	— 42.5	Silt, Sand & Shells					Depth Gr. Water: 13.5'		
	42.5	— 44.0	Firm Fill, Sand, Clay & little Gravel	9	163 G5		0.0	— 26.0	Misc. Fill	8
	44.0	— 46.5	Yellow Clay	19			26.0	— 34.0	Loose silty Sand, Shells, some Gravel	3
	46.5	— 52.0	Yellow Clay, Sand & Gravel	28			34.0	— 36.0	Peaty Silt	4
	52.0	— 56.0	Fine Sand & Clay	8			36.0	— 39.0	Blue Clay & fine Sand	11
	56.0	— 124.6	Blue Clay & fine Sand	4			39.0	— 43.0	Yellow clay & little fine Sand	22
	124.6	— 129.6	Fine Sand, Gravel & Clay, Hard pan	91			43.0	— 49.0	Yellow Clay, little fine Sand	13
			Elev. Ex. Ground: 19.6'				49.0	— 118.0	Blue Clay, some fine Sand & some Gravel	10
			Depth Gr. Water: 13.0'			118.0	— 123.	Medium Sand, Gravel & Boulders	52	
159 G5	0.0	— 28.0	Fill	8				Elev. Ex. Ground: 18.79'		
	28.0	— 40.0	Sand, some fine Sand & Shells	4				Depth Gr. Water: 13.5'		
	40.0	— 48.0	Blue Clay & fine Sand	17	164 G5	0.0	— 0.6	Pavement		
	48.0	— 54.0	Fine Sand, Gravel & some Clay	16		0.6	— 25.0	Misc. Fill	11	
	54.0	— 104.0	Sand & medium blue Clay, & little fine Sand	6		25.0	— 32.0	Silt	4	
	104.0	— 114.0	Fine Sand, some Gravel, Stone & trace Clay	39		32.0	— 42.5	Silt & Shells	4	
			Elev. Ex. Ground: 19.48'			42.5	— 50.0	Blue Clay	13	
			Depth Gr. Water: 14.0'			50.0	— 58.0	Blue Clay & some Stones	12	
	160 G5	0.0	— 0.5	Pavement			58.0	— 75.0	Blue Clay	7
		0.5	— 27.5	Misc. Fill		23	75.0	— 107.5	Blue Clay	4
27.5		— 41.5	Silt & Shells	4		107.5	— 118.0	Fine Blue Clay & some Gravel	28	
41.5		— 60.0	Blue Clay	7				Elev. Ex. Ground: 19.86'		
60.0		— 105.5	Blue Clay	4			Depth Gr. Water: 15'			
105.5		— 115.0	Fine Sand, some Gravel	24						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
165 G5	0.0	0.4	Pavement		170	0.0	18.7	Fill		
	0.4	18.0	Fill	31	171	18.7	30.6	Silt, Sand, fine Gravel	10	
	18.0	22.0	Loose coarse Sand & Gravel	4		30.6	38.0	Sand, Gravel & Clay	22	
	22.0	40.0	Silt & some Sand	4	Elev. Ex. Ground: 18.0' Depth Gr. Water: Not given					
	40.0	41.0	Loamy silty Peat	9	171 H6	0.0	20.5	Fill		
	41.0	43.0	Blue Clay, some Gravel	38		20.5	24.5	Silt		
	43.0	57.0	Blue Clay & some Sand	14		24.5	30.7	Yellow Clay, Sand & Gravel		
	57.0	115.5	Blue Clay, some Sand & Gravel	8		30.7	35.4	Blue Clay		
	115.5	127.	Sand, Gravel	29		35.4	42.7	Blue Clay, little fine Sand		
	Elev. Ex. Ground: 19.34'						42.7	54.7	Fine Sand, little Clay	
	Depth Gr. Water: 16' plus/minus						54.7	74.2	Blue Clay	
166 G5	0.0	0.5	Pavement		74.2	104.5	Fine Sand, little Clay			
	0.5	21.5	Misc. Fill	14	104.5	111.7	Coarse Gravel, Clay & Sand			
	21.5	36.5	Peaty Silt & some Shells	3	Elev. Ex. Ground: 16' Depth Gr. Water: Not given					
	36.5	41.0	Blue Clay	14	172 G6	0.0	23.7	Fill		
	41.0	42.5	Yellow Clay, some fine Sand	13		23.7	41.5	Silt & very fine Sand		
	42.5	74.5	Blue Clay & stratum fine Sand	6		41.5	45.0	Peat		
	74.5	93.0	Blue Clay, fine Sand & Gravel	12		45.0	53.2	Blue Clay, very fine Sand		
	93.0	111.0	Blue Clay & some stratum of fine Sand	6		53.2	65.5	Blue Clay, very little Gravel		
	111.0	124.0	Blue Clay & stratum fine Sand	4		65.5	70.0	Blue Clay, Sand & Gravel		
	124.0	124.8	Sand, Gravel, Clay & Stones	29		70.0	75.0	Blue Clay		
	124.8	126.5	Sand, Gravel, Boulders, Clay	75	Elev. Ex. Ground: 22.75' Depth Gr. Water: Not given					
Elev. Ex. Ground: 19.4'					173 G6	0.0	32.5	Fill		
Depth Gr. Water: Not given						32.5	41.7	Silt & little fine Sand		
167 G5	0.0	22.0	Misc. Fill	11		41.7	44.0	Peat		
	22.0	33.0	Sandy Silt & Shells	3		44.0	47.0	Blue Clay & fine Sand		
	33.0	38.0	Yellow Clay, fine Sand & Stones	29		47.0	58.2	Blue Clay		
	38.0	44.0	Yellow Clay, fine Sand, some Gravel	15		58.2	66.5	Clay, Sand & Gravel		
	44.0	106.5	Blue Clay & some fine Sand	10		66.5	78.0	Blue Clay		
	106.5	118.0	Fine Sand, Gravel, Stones & little Clay	43	Elev. Ex. Ground: 22.75' Depth Gr. Water: Not given					
	Elev. Ex. Ground: 18.64'					174 G6	0.0	11.5	Fill	
Depth Gr. Water: Not given					11.5		28.0	Silt with Shells		
168 G6	0.	16.8	Fill		28.0		31.0	Peat	2	
	16.8	30.2	Silt & Shells		31.0		40.0	Blue Clay	12	
	30.2	35.0	Medium yellow Clay	12	40.0		47.0	Yellow Clay	17	
	Elev. Ex. Ground: 18'						47.0	53.0	Blue Clay	4
Depth Gr. Water: Not given					Elev. Ex. Ground: 10.0' Depth Gr. Water: Not given					
169 G6	0.0	18.6	Fill							
	18.6	30.6	Silt & Shells							
	30.6	35.0	Clay, Sand & Gravel	12						
Elev. Ex. Ground: 18.0'										
Depth Gr. Water: Not given										

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
175 G6	0.0	11.5	Fill		182 G6	0.0	11.5	Fill	8	
	11.5	25.5	Silt, very little fine Sand			11.5	18.0	Silt & little fine Sand		
	25.5	26.5	Blue Clay			18.0	28.0	Silt, little fine Sand & Shells		
	26.5	32.5	Yellow Clay, little fine Sand			28.0	31.0	Peat		2
	32.5	36.0	Blue Clay & fine Sand			31.0	40.0	Blue Clay		12
					40.0	47.0	Yellow Clay	17		
					47.0	53.0	Blue Clay	4		
	Elev. Ex. Ground: 13.5'				Elev. Ex. Ground: 8'					
	Depth Gr. Water: 10.5'				Depth Gr. Water: 3.5'					
176 G6	0.0	11.5	Fill		183 G6	0.0	10.5	Fill	7	
	11.5	25.5	Silt, little fine Sand			10.5	27.0	Silt, little fine Sand & Shells		
	25.5	26.7	Peat			27.0	30.0	Soft Peat		1
	26.7	32.5	Very stiff blue Clay			30.0	37.5	Clay		9
					37.5	45.5	Yellow Clay	18		
					45.5	50.5	Blue Clay	4		
	Elev. Ex. Ground: 13.7'				Elev. Ex. Ground: 8.0'					
	Depth Gr. Water: 10.7'				Depth Gr. Water: 3.0'					
177 H6	0.0	7.5	Fill		184 G6	0.0	29.0	Fill		
	7.5	17.5	Hard Clay			29.0	45.6	Silt & Shells		
	17.5	36.0	Coarse compact Sand			45.6	47.0	Medium Clay & Sand		
	36.0	40.0	Medium Sand & little Clay			47.0	51.0	Medium Clay & Sand		
	Elev. Ex. Ground: 9.5'				Elev. Ex. Ground: 22.5'					
	Depth Gr. Water: Not given				Depth Gr. Water: Not given					
178 H6	0.0	4.5	Coarse Sand & Gravel		185 G5	0.0	26.5	Fill		
	4.5	10.0	Fine Sand, little Clay			26.5	43.0	Silt, Sand & Shells		
	10.0	16.3	Hard yellow Clay			43.0	45.0	Silty Peat		
	16.3	22.0	Hard Clay, little Sand & Gravel			45.0	47.0	Medium Clay, Sand		
	22.0	30.0	Hard blue Clay, little fine Gravel			47.0	51.5	Hard Clay & Sand		
	Elev. Ex. Ground: 9.5'				Elev. Ex. Ground: 22.5'					
	Depth Gr. Water: Not given				Depth Gr. Water: Not given					
179 H6	0.0	9.0	Misc. Fill		186 G5	0.0	28.5	Fill		
	9.0	9.5	Concrete			28.5	42.0	Silt & Shells		
	9.5	11.0	Loose fine Sand			42.0	45.0	Medium Clay & Sand		
	11.0	21.5	Yellow Clay			45.0	49.0	Medium Clay & Sand		
	21.5	35.0	Fine Sand, little Clay			49.0	54.0	Soft Clay & Sand		
	Elev. Ex. Ground: 17'				Elev. Ex. Ground: 21.8'					
	Depth Gr. Water: 9.5'				Depth Gr. Water: Not given					
180 H6	0.0	7.0	Misc. Fill		187 H7	0.0	5.2	Fill		
	7.0	10.5	Clay & fine Sand			5.2	14.5	Hard yellow Clay		
	10.5	15.0	Clay & fine Sand			14.5	30.0	Medium blue Clay		
	15.0	30.0	Fine Sand, little Clay			30.0	31.5	Fine Sand		
	Elev. Ex. Ground: 20'				Elev. Ex. Ground: 26.8'					
	Depth Gr. Water: Not given				Depth Gr. Water: Not given					
181 H6	0.0	9.0	Fill			31.5	37.5	Clay, little fine Sand		
	9.0	15.0	Yellow Clay, Sand little Gravel			37.5	42.7	Fine Sand		
	15.0	29.0	Fine Sand, little Clay			42.7	50.0	Hard sharp Sand		
	Elev. Ex. Ground: 20.0'				Elev. Ex. Ground: 26.8'					
	Depth Gr. Water: 8.0'				Depth Gr. Water: Not given					

No. and location	Depths From	To	Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths From	To	Formation	Penetr. Resist. (Bl/ft)	
188	0.0	—	3.0	Fill	194	0.0	—	17.2	Misc. Fill	8
H7	3.0	—	18.5	Hard yellow Clay	H5	17.2	—	18.6	Soft Silt, Sand	1
	18.5	—	25.3	Medium blue Clay		18.6	—	25.0	Sharp Sand	4
	25.3	—	28.0	Fine Sand, little Clay		25.0	—	42.2	Soft blue Clay & fine Sand	
	28.0	—	35.0	Medium blue Clay					Rock or Boulders	6
	35.0	—	50.0	Fine Sand, very little Clay						
	Elev. Ex. Ground:		28.4'			Elev. Ex. Ground:		13.0'		
	Depth Gr. Water:		Not given			Depth Gr. Water:		Not given		
189	0.0	—	4.5	Fill	195	0.0	—	16.8	Coarse Sand & Gravel	12
H7	4.5	—	11.3	Hard Sand, Gravel & Clay	H5	16.8	—	17.8	Silty Sand	1
	11.3	—	22.0	Medium yellow Clay		17.8	—	22.0	Sharp fine Sand	1
	22.0	—	35.5	Medium blue Clay		22.0	—	30.4	Clay & fine Sand	4
	35.5	—	37.5	Fine Sand & Clay		30.4	—	43.0	Soft blue Clay	4
	37.5	—	50.0	Hard fine Sand		43.0	—	44.8	Hard coarse Sand & Gravel	18
	Elev. Ex. Ground:		31.6'			Elev. Ex. Ground:		10.5'		
	Depth Gr. Water:		Not given			Depth Gr. Water:		Not given		
190	0.0	—	7.5	Fill	196	0.0	—	17.4	Misc. Fill	
H6	7.5	—	10.5	Hard yellow Clay	H5	17.4	—	18.0	Silty Sand	1
	10.5	—	23.0	Medium yellow Clay, little fine Sand		18.0	—	21.0	Sharp fine Sand	4
	23.0	—	26.3	Fine Sand		21.0	—	32.6	Blue Clay & fine Sand	5
	26.3	—	36.0	Fine Sand & Clay					Sand & Gravel	
	36.0	—	40.0	Fine Sand					Rock or Boulders	
	Elev. Ex. Ground:		28.0'			Elev. Ex. Ground:		12.0'		
	Depth Gr. Water:		Not given			Depth Gr. Water:		Not given		
191	0.0	—	1.0	Concrete	197	0.0	—	24.0	Fine loose sharp Sand	
H6	1.0	—	5.6	Medium yellow Clay	H4	24.0	—	27.0	Silt & very fine Sand	
	5.6	—	16.6	Medium yellow Clay & fine Sand		27.0	—	30.0	Medium blue Clay	
	16.6	—	25.0	Firm fine Sand, little Clay		30.0	—	40.0	Medium Clay, little very fine Sand	
	Elev. Ex. Ground:		14.6'			Elev. Ex. Ground:		13.2'		
	Depth Gr. Water:		10.6'			Depth Gr. Water:		Not given		
192	0.0	—	1.0	Clay, little Concrete Fill	198	0.0	—	19.7	Loose sharp Sand & fine Gravel	
H6	1.0	—	4.6	Medium yellow Clay little fine Sand	H5	19.7	—	24.3	Silt, fine Sand & Shells	
	4.6	—	16.0	Medium yellow Sand, little Clay		24.3	—	26.0	Soft blue Clay	
	16.0	—	25.0	Firm fine Sand, little Clay		26.0	—	35.0	Medium blue Clay	
	Elev. Ex. Ground:		14.6'			Elev. Ex. Ground:		11'		
	Depth Gr. Water:		10.0'			Depth Gr. Water:		Not given		
193	0.0	—	18.0	Sand & Gravel	199	0.0	—	1.7	Fill	
H5	18.0	—	18.8	Fill	16	1.7	—	14.8	Hard Clay	
	18.8	—	21.0	Silty Sand & Shells		14.8	—	30.5	Firm medium Sand	
	21.0	—	33.0	Dirty Sand						
	33.0	—	37.6	Fine Sand		Elev. Ex. Ground:		18.5'		
	37.6	—	39.0	Fine Sand, little blue Clay		Depth Gr. Water:		Not given		
	39.0	—	42.0	Hard coarse Sand & Gravel	200	0.0	—	3.6	Fill	
					16	3.6	—	13.7	Hard Clay	
				13.7		—	21.0	Sand, coarse Gravel & Clay		
	Elev. Ex. Ground:		13.0'			Elev. Ex. Ground:		18.5'		
	Depth Gr. Water:		Not given			Depth Gr. Water:		Not given		

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
201	0.0	2.5	Fill		208	0.0	5.0	Hand augered	
16	2.5	3.7	Silt		H6	5.0	14.5	Hard sandy yellow Clay	43
	3.7	6.7	Hard Clay			14.5	19.0	Stiff yellow Clay	14
	6.7	18.0	Sand, Gravel & Clay, Hard pan			19.0	34.5	Stiff blue Clay	11
	Elev. Ex. Ground:		20.5'			34.5	72.7	Stiff blue Clay with fine Sand in Stratum	23
	Depth Gr. Water:		Not given			72.7	94.6	Fine to medium Sand	28
202	0.0	1.0	Fill			94.6		Refusal	
16	1.0	2.6	Hard Clay & fine Sand			Elev. Ex. Ground:		27.0'	
	2.6	25.7	Firm medium coarse Sand			Depth Gr. Water:		15.0'	
	25.7	29.3	Medium blue Clay		209	0.0	5.0	Hand augered	
	29.3	40.0	Fine Sand, very little Clay		H6	5.0	7.0	Hard yellow sandy Clay	22
	40.0	45.0	Medium blue Clay			7.0	13.1	Medium Sand, some coarse Gravel & Clay	42
Elev. Ex. Ground:		19.5'		13.1		20.0	Very stiff yellow Clay	27	
Depth Gr. Water:		Not given		20.0	26.0	Sandy blue Clay	12		
203	0.0	6.2	Fill			Elev. Ex. Ground:		26.0'	
H6	6.2	14.5	Hard Clay			Depth Gr. Water:		17.4'	
	14.5	27.0	Fine Sand & little Clay		210	0.0	4.0	Sand, Brick & Gravel Fill	26
	27.0	41.0	Firm fine Sand		H6	4.0	13.0	Silty fine Sand & little fine Gravel	12
Elev. Ex. Ground:		25'		13.0		25.0	Fine Sand with Clay lenses	22	
Depth Gr. Water:		Not given		25.0		27.0	Fine silty Sand	24	
204	0.0	1.0				Elev. Ex. Ground:		Not given	
16	1.0	7.6	Fill			Depth Gr. Water:		13.5'	
	7.6	10.0	Hard Clay		211	0.0	5.0	Fill	17
	10.0	11.7	Sand & Gravel		H6	5.0	8.0	Silty Peat & Brick	13
	11.7	16.7	Sand, Gravel, Clay, Hard pan			8.0	13.0	Mottled yellow & blue Clay	27
Elev. Ex. Ground:		24'		13.0		18.0	Stiff yellow Clay	16	
Depth Gr. Water:		Not given		18.0	22.8	Very stiff yellow Clay, trace Sand	22		
205	0.0	10.0	Misc. Fill	5	211	22.8	27.8	Stiff yellow Clay	17
H6	10.0	26.0	Yellow Clay	18	H6	27.8	31.8	Fine Clay with Clay in Stratum	24
	26.0	32.0	Fine Sand	45			Elev. Ex. Ground:		Not given
	Elev. Ex. Ground:		21'			Depth Gr. Water:		8.5'	
	Depth Gr. Water:		7.5'		212	0.0	2.0	Brick & Concrete	
206	0.0	5.0	Hand augered		H6	2.0	8.0	Misc. Fill	34
H6	5.0	8.0	Hard sandy yellow Clay	32		8.0	15.0	Mottled blue & yellow Clay	17
	8.0	18.0	Yellow Clay	21	15.0	16.0	Stiff yellow Clay	13	
	Elev. Ex. Ground:		30.0'			16.0	22.0	Fine to coarse Sand, some fine to coarse Gravel	40
	Depth Gr. Water:		17.4'			22.0	27.0	Fine Sand	27
207	0.0	0.5				Elev. Ex. Ground:		Not given	
H6	0.5	5.0	Hand augered			Depth Gr. Water:		12.2'	
	5.0	14.0	Sandy yellow Clay	28	212	0.0	2.0	Brick & Concrete	
	14.0	17.0	Yellow Clay	32	H6	2.0	8.0	Misc. Fill	34
	17.0	22.5	Blue Clay with fine Sand in Stratum	11		8.0	15.0	Mottled blue & yellow Clay	17
	22.5	31.5	Yellow Clay	20	15.0	16.0	Stiff yellow Clay	13	
	31.5	59.0	Blue Clay with fine Sand in Stratum	11	16.0	22.0	Fine to coarse Sand, some fine to coarse Gravel	40	
	59.0	68.0	Fine Sand	21		22.0	27.0	Fine Sand	27
	68.0	89.1	Fine to medium Sand & Clay	17		Elev. Ex. Ground:		Not given	
	89.1		Refusal			Depth Gr. Water:		12.2'	
		Elev. Ex. Ground:		29.0'			Elev. Ex. Ground:		Not given
	Depth Gr. Water:		17.0'			Depth Gr. Water:		12.2'	

No. and location	Depths From	To	Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths From	To	Formation	Penetr. Resist. (Bl/ft)
213 18	0.0	10.0	Fill		219 17	0.0	7.4	Fill	
	10.0	13.5	Peat			7.4	23.5	Yellow Clay, little fine Sand	
	13.5	26.5	Silt & Sand, Shells			23.5	30.0	Blue Clay, little fine Sand	
	26.5	29.0	Medium Sand & Fill	11		30.0	35.0	Fine Sand & Clay	
	29.0	40.5	Hard yellow Clay Sand, blue Clay, little fine Sand	20		35.0	39.0	Medium blue Clay	
	40.5		3	39.0	55.0	Fine sharp Sand, very little Clay			
	Elev. Ex. Ground: 15'				55.0	81.7	Sand, blue Clay		
	Depth Gr. Water: 5.5'				81.7	82.0	Very coarse Gravel Rock or Boulders		
214 18	0.0	11.0	Fill		Elev. Ex. Ground: 30.5'				
	11.0	25.5	Silt & fine Sand		Depth Gr. Water: Not given				
	25.5	37.0	Hard yellow Clay	20	220 17	0.0	7.5	Fill	
	37.0	45.0	Soft blue Clay, little fine Sand	3		7.5	19.0	Hard yellow Clay, little fine Sand	
	Elev. Ex. Ground: 15'					19.0	25.3	Medium yellow Clay, little fine Sand	
Depth Gr. Water: 5.5'				25.3		31.5	Fine Sand & little Clay		
	0.0	3.5	Fill			31.5	36.5	Medium blue Clay	
215 J8	3.5	4.5	Medium blue Clay, little Gravel	7	36.5	45.2	Fine Sand & very little Clay		
	4.5	12.5	Hard yellow Clay, trace Sand	14	45.2	48.5	Soft Gravel & blue Clay		
	12.5	17.0	Soft blue Clay, trace Sand	3	48.5	53.7	Fine sharp Sand		
	Elev. Ex. Ground: -3.72'				53.7	88.1	Soft blue Clay		
	Depth Gr. Water: 2'				88.1	92.5	Hard Sand, coarse Gravel & little Clay		
216 J8	0.0	12.0	Fill		Elev. Ex. Ground: 26.5'				
	12.0	19.5	Peaty Silt	3	Depth Gr. Water: Not given				
	19.5	22.0	Firm Peat	4	221 17	0.0	2.0	Fill	
	22.0	24.0	Hard Sand, Gravel & Clay	17		2.0	8.5	Fine Sand	
	24.0	29.0	Hard yellow Clay, little fine Sand	15		8.5	22.2	Hard yellow Clay, little fine Sand	
29.0	31.0	Medium yellow Clay	6	22.2		31.5	Medium yellow Clay, little fine Sand		
Elev. Ex. Ground: 12.4'				31.5		32.5	Fine Sand		
	Depth Gr. Water: 9'				32.5	37.0	Medium blue Clay		
217 H8	0.0	6.7	Fill		37.0	45.3	Fine Sand		
	6.7	18.0	Mud Silt		45.3	54.7	Medium blue Clay		
	18.0	20.7	Hard blue Clay, Gravel, little Sand		54.7	75.0	Fine Sand & very little Clay		
	20.7	26.0	Hard Clay & little Sand		75.0	84.0	Soft blue Clay		
	Elev. Ex. Ground: 15'				Elev. Ex. Ground: 29.0'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
218 H8	0.0	5.2	Fill		222 H7	0.0	8.5	Misc. Fill	
	5.2	18.0	Mud Silt			8.5	21.0	Yellow Clay	14
	18.0	20.2	Medium blue Clay			21.0	68.0	Blue Clay & stratum fine Sand	5
	20.2	27.0	Hard yellow Clay			68.0	95.5	Blue Clay	7
	Elev. Ex. Ground: 13.5'					95.5	99.5	Gravel & Sand	48
	Depth Gr. Water: Not given				Elev. Ex. Ground: 19.15'				
					Depth Gr. Water: 9.0'				

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
223 H7	0.0	8.0	Misc. Fill	15	230	0.0	9.0	Fill	18	
	8.0	16.0	Yellow Clay		17	9.0	18.5	Yellow Clay		4
	16.0	54.0	Blue Clay & stratum fine Sand		18.5	75.0	Blue Clay	Sand, Gravel & Clay		32
	54.0	93.0	Blue Clay & little fine Sand		75.0	81.0				
	93.0	97.6	Gravel, little sand							
Elev. Ex. Ground: 15.30'				Elev. Ex. Ground: 12.5'						
Depth Gr. Water: 7.3'				Depth Gr. Water: Not given						
224 J7	0.0	4.0	Fill		231	0.0	11.5	Fill		
	4.0	10.5	Hard yellow Clay		18	11.5	31.0	Peat		
	10.5	23.0	Hard blue Clay		31.0	34.5	Blue Clay	16		
	23.0	30.0	Blue Clay		34.5	40.5	Yellow Clay	21		
	Elev. Ex. Ground: 21'					40.5	60.0	Blue Clay		6
Depth Gr. Water: Not given				60.0	95.5	Blue Clay, little Gravel	7			
225 J7	0.0	4.0	Fill		95.5	108.0	Coarse Gravel & Sand	42		
	4.0	10.5	Hard blue Clay		108.0	116.0	Blue Clay, little Gravel, Hard pan	81		
	13.3	24.2	Blue Clay		116.0	125.0	Slate Rock	Cored		
	24.2	25.7	Loose Sand		Elev. Ex. Ground: 17'					
	25.7	32.0	Blue Clay		Depth Gr. Water: Not given					
Elev. Ex. Ground: 20'				232	0.0	12.5	Fill			
Depth Gr. Water: Not given				18	12.5	17.0	Peat			
226 H8	0.0	15.0	Misc. Fill	17	17.0	32.75	Silt, fine Sand & Shells			
	15.0	18.0	Yellow Clay		32.75	34.5	Loose dirty Gravel & Sand		8	
	18.0	19.0	Sand, Gravel, Clay		34.5	43.25	Yellow Clay		22	
	19.0	30.0	Yellow Clay		43.25	65.0	Blue Clay	6		
	30.0	40.0	Blue Clay		65.0	97.5	Blue Clay, very little Gravel	6		
Elev. Ex. Ground: 15.1'				97.5	107.5	Coarse, loose Gravel, Sand, very little Clay	17			
Depth Gr. Water: 6.5'				107.5	110.5	Sand, very little Clay	56			
227 H8	0.0	7.0	Misc. Fill	19	110.5	119.0	Sand, Gravel & Clay, Hard pan	80		
	7.0	15.0	Peaty Silt, Shells		119.0	135.0	Slate Rock	Cored		
	15.0	24.0	Yellow Clay		Elev. Ex. Ground: 17'					
	24.0	31.0	Yellow Clay		Depth Gr. Water: Not given					
	31.0	37.0	Blue Clay							
Elev. Ex. Ground: 16.6'				233	0.0	3.5	Fill	4		
Depth Gr. Water: Not given				18	3.5	11.33	Mud			
228 I7	0.0	5.0	Fill		11.33	23.08	Silt			
	5.0	7.8	Silt		23.08	26.33	Blue Clay		31	
	7.8	20.2	Fine sandy Sand		26.33	41.08	Yellow Clay			
	20.2	25.7	Stiff blue Clay & little fine Sand		41.08	89.25	Blue Clay			
	25.7	27.0	Sand, Gravel, little Clay		89.25	93.0	Coarse Sand & loose coarse Sand & large Gravel			
27.0	68.5	Stiff blue Clay & little fine Sand		93.0	98.0	Loose coarse Sand & large Gravel	Cored			
68.5	80.0	Firm coarse Sand & very little coarse Gravel		98.0	101.75	Cemented Sand & Gravel, Hard pan				
Elev. Ex. Ground: 17'				101.75	111.75	Slate Rock				
Depth Gr. Water: Not given				Elev. Ex. Ground: 11'						
				Depth Gr. Water: Not given						
229 I7	0.0	13.0	Fill	18						
	13.0	20.5	Yellow Clay		5					
	20.5	25.0	Blue Clay							
Elev. Ex. Ground: 18.0'										
Depth Gr. Water: Not given										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
234 18	0.0	2.75	Fill		239 H8	0.0	5.0	Misc. Fill	12
	2.75	10.67	Mud			5.0	15.5	Peat	2
	10.67	24.0	Silt			15.5	17.0	Organic Silt	3
	24.0	39.75	Yellow Clay	25		17.0	23.0	Yellow Clay	15
	39.75	79.75	Blue Clay	7		23.0	65.0	Blue Clay, Veins fine Sand	5
	79.75	89.5	Loose Sand & large Gravel			65.0	70.0	Sand, Gravel & Boulders	65
	89.5	97.6	Sand, Gravel, Boulders, Hard pan			70.0		Refusal	
	97.6	119.0	Slate Rock	Cored					
Elev. Ex. Ground: 11'					Elev. Ex. Ground: 97.05'				
Depth Gr. Water: Not given					Depth Gr. Water: 8.0'				
235 J7	0.0	8.2	Clay		240 H8	0.0	4.5	Misc. Fill	10
	8.2	9.5	Fine Sand & Clay			4.5	14.5	Peat with Fibers	2
	9.5	10.7	Medium blue Clay			14.5	21.5	Yellow Clay	16
	10.7	16.5	Fine Sand & very little Clay			21.5	28.0	Yellow Clay	9
	16.5	29.0	Medium blue Clay			28.0	92.0	Blue Clay, Veins fine Sand	4
	29.0	35.0	Firm Sand, Gravel & little Clay			92.0		Refusal	
	Elev. Ex. Ground: 10.25'						Elev. Ex. Ground: 95.20'		
Depth Gr. Water: 12.3'					Depth Gr. Water: 11.0'				
236 J7	0.0	53.9	Fill & Clay		241 H8	0.0	6.5	Misc. Fill	7
	53.9	63.0	Fine Sand, little medium Gravel	26		6.5	11.0	Organic Silt, some Peat	2
	63.0	83.0	Fine Sand, little Clay & little medium Gravel	46		11.0	16.0	Organic Silt, some Peat, Trace Shale	2
	83.0	84.5	Nested cobbles	198		16.0	17.0	Blue Clay	12
	84.5	100.0	Fine Sand, little Clay & some medium Gravel	81		17.0	21.5	Yellow & blue Clay, trace fine Sand	18
	100.0	102.0	Fine Sand, little Clay & little medium Gravel	86		21.5	30.0	Yellow Clay	9
	102.0	107.0	Soft Shale	Cored		30.0	72.0	Blue Clay	3
	Elev. Ex. Ground: 23.5' plus/minus						Elev. Ex. Ground: 96.16'		
Depth Gr. Water: 19.3'					Depth Gr. Water: 7.5'				
237 H8	0.0	8.5	Misc. Fill	11	242 H8	0.0	1.0	Loose Loam	5
	8.5	17.0	Organic Silt	2		1.0	6.0	Firm Sand, Gravel, Stones & Brick Fill	14
	17.0	24.0	Yellow Clay, trace fine Sand	16		6.0	9.0	Loose Sand, Gravel, Stones, & Wood Fill	5
	24.0	54.0	Blue Clay, veins fine Sand	5		9.0	16.0	Very soft Peat	1
	54.0	71.0	Blue Clay, veins fine Sand	4		16.0	17.0	Organic silty Sand	3
	71.0	72.0	No recovery	70		17.0	18.0	Blue Clay	12
	Elev. Ex. Ground: 97.98'						Elev. Ex. Ground: 95.98'		
Depth Gr. Water: 11.0'					Depth Gr. Water: 8.6'				
238 H8	0.0	9.5	Firm Sand, Gravel & Brick Fill	15	243 18	0.0	9.0	Misc. Fill	16
	9.5	14.0	Peat	2		9.0	22.0	Organic Silt, some Peat with Fibers	2
	14.0	21.0	Yellow Clay	15		22.0	24.0	Blue Clay	4
	21.0	46.0	Blue Clay, Veins fine Sand	5		24.0	34.0	Yellow Clay, trace fine Sand	15
	46.0	68.0	Blue Clay, Veins fine Sand	4		34.0	105.0	Blue Clay, Veins fine Sand	5
	68.0		Refusal			Not to refusal			
	Elev. Ex. Ground: 96.96'						Elev. Ex. Ground: 96.24'		
Depth Gr. Water: 9.0'					Depth Gr. Water: 9.0'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From:	To				From:	To			
244 17	0.0	8.0	Fill	7	248 H8	0.0	9.0	Fill	4	
	8.0	16.5	Yellow Clay	21		9.0	15.0	Silty, peaty, organic Silt	1	
	16.5	25.75	Yellow Clay, little fine Sand	7		15.0	18.0	Silty Peat	2	
	25.75	27.0	Blue Clay	7		18.0	20.5	Stiff silty Blue Clay	10	
	27.0	50.0	Blue Clay & Sand	5		20.5	36.0	Stiff yellow Clay	17	
Elev. Ex. Ground:			23.85'	36.0			94.8	Medium blue Clay	5	
Depth Gr. Water:			8.5'	94.8			103.0	Clayey fine to coarse Sand & fine to coarse Gravel	46	
245 17	0.0	4.4	Fill	28	103.0	108.0	Silty fine to medium Sand & soft Shale	68	108.8	Refusal
	4.4	13.0	Yellow Clay & Sand							
	13.0	22.0	Yellow Clay, little Sand							
	22.0	30.0	Blue Clay & Sand							
	30.0	75.0	Blue Clay, Sand							
Elev. Ex. Ground:			18.71'	Elev. Ex. Ground:			Not given			
Depth Gr. Water:			Not given	Depth Gr. Water:			12.1'			
246 H8	0.0	2.6	Void	4	249 H8	0.0	9.0	Fill	29	
	2.6	10.0	Lenses, some Gravel, Clay & trace silt			3	9.0	13.0	Silty Peat & Wood	
	10.0	19.0	Organic Silt			5	13.0	17.0	Yellow & blue Clay	18
	19.0	20.0	Blue Clay			12	17.0	29.0	Yellow Clay	46
	20.0	24.5	Yellow Clay			15	29.0	88.0	Blue Clay with fine Sand lenses	8
	24.5	30.5	Blue Clay			5	88.0	90.5	Clayey fine to coarse Sand, some fine Gravel, Till	59
Elev. Ex. Ground:			Not given	90.5			95.5	Rock Shale	Cored	
Depth Gr. Water:			9.67'	95.5			100.5	Rock Shale	Cored	
247 H8	0.0	0.5	Concrete	20	Elev. Ex. Ground:			Not given		
	0.5	6.0	Fill		Depth Gr. Water:			11.6'		
	6.0	20.0	Sandy organic Silt & Peat		3	250 H8	0.0	15.0	Organic silty fine Sand, trace fine Gravel fill	19
	20.0	21.5	Silty blue Clay		6		15.0	18.0	Sandy organic Silt, trace Peat	4
	21.5	34.0	Yellow & blue Clay		32		18.0	21.0	Clayey fine to coarse Sand, some fine to coarse Gravel & Cobbles	39
	34.0	44.0	Yellow Clay, trace fine Gravel		24		21.0	33.0	Yellow Clay	36
	44.0	95.0	Blue Clay & fine Sand lenses		6		33.0	74.0	Blue Clay with fine Sand lenses	
	95.0	100.0	Clay & fine to coarse Gravel		40		74.0	75.0	Clayey fine to coarse Sand, some fine to coarse Gravel & Cobbles	242
	100.0	110.0	Silty fine to coarse Sand & soft Shale		60		75.0	76.0	Clay & soft Shale	186
	110.0	111.0	Shale		50		76.0	81.0	Rock, Shale	Cored
111.0		Refusal		81.0	86.0		Rock, Shale	Cored		
Elev. Ex. Ground:			Not given	Elev. Ex. Ground:			Not given			
Depth Gr. Water:			12.0'	Depth Gr. Water:			10.4'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
251 H8	0.0	— 7.0	Misc. Fill	18	254 H7	0.0	— 0.5	Asphalt		
	7.0	— 14.0	Silty Peat	2		0.5	— 5.0	Misc. Fill	17	
	14.0	— 17.0	Organic Silt	5		5.0	— 8.0	Silty Yellow Clay, some fine Gravel	12	
	17.0	— 20.0	Stiff silty blue & yellow Clay & Shells	15		8.0	— 22.0	Yellow Clay	24	
	20.0	— 27.0	Yellow Clay	24		22.0	— 80.0	Sandy medium blue Clay	8	
	27.0	— 84.0	Blue Clay with fine Sand lenses	5		80.0	— 87.0	Blue Clay & little fine to medium Gravel	6	
	84.0	— 87.0	Silty fine to coarse Sand, some fine to medium Gravel, trace Clay	42		87.0	— 109.0	Blue Clay	1	
	87.0	— 97.0	Clayey fine to coarse Sand, some fine to medium Gravel	70		109.0	— 113.0	Fine to coarse Sand, some fine Gravel & little Clay	89	
	97.0	— 98.0	Soft Shale	100		113.0		Refusal		
	98.0		Refusal							
Elev. Ex. Ground: Not given				Elev. Ex. Ground: 28.7'						
Depth Gr. Water: 12.0'				Depth Gr. Water: 27.3'						
252 H7	0.0	— 0.3	Asphalt		255 H7	0.0	— 32.0	Misc. Fill	6	
	0.3	— 8.0	Misc. Fill	4		32.0	— 34.0	Sandy blue Clay	8	
	8.0	— 9.5	Wood			34.0	— 36.5	Fine Sand	22	
	9.5	— 19.0	Stiff yellow Clay, trace fine Sand & fine Gravel	18		36.5	— 90.0	Sandy medium blue Clay	8	
	19.0	— 69.0	Sandy medium blue Clay	6		90.0	— 91.0	Fine to coarse Sand, some fine to coarse Gravel with Clay	170	
	69.0	— 118.0	Sandy soft blue Clay	2		91.0		Refusal		
	118.0	— 123.0	Fine to coarse Sand & fine to coarse Gravel, little Clay	100		Elev. Ex. Ground: 29'				
	123.0		Refusal			Depth Gr. Water: 33.2'				
	Elev. Ex. Ground: 28.5'					256 H7	0.0	— 7.5	Fill	4
	Depth Gr. Water: 7.5'						7.5	— 25.0	Moist hard yellow sandy Clay	17
253 H7	0.0	— 0.5	Asphalt		25.0		— 40.0	Moist medium blue Clay with fine Sand layers	6	
	0.5	— 8.5	Fill	10	40.0		— 57.0	Blue Clay with fine Sand lenses	6	
	8.5	— 17.0	Sandy hard yellow Clay	25	57.0		— 59.0	Fine Sand	70	
	17.0	— 33.0	Stiff blue Clay with fine Sand seams	14	59.0		— 70.0	Blue Clay with Sand lenses	5	
	33.0	— 45.5	Sandy medium blue Clay	8	70.0		— 106.0	Blue Clay	4	
	45.5	— 48.0	Fine Sand	22	106.0			Refusal		
	48.0	— 105.5	Sandy medium blue Clay	8	Elev. Ex. Ground: 12.40'					
	105.5	— 115.0	Fine to coarse Sand & fine to coarse Gravel, little Clay	80	Depth Gr. Water: 17.0'					
	115.0		Refusal		257 H7	0.0	— 6.5	Fill	9	
	Elev. Ex. Ground: 22.6'					6.5	— 20.0	Yellow Clay	9	
Depth Gr. Water: 26.0'				20.0		— 51.0	Blue clay with fine Sand lenses	5		
258 H7	0.0	— 2.0	Fill	8		51.0	— 105.0	Medium to soft blue Clay	2	
	2.0	— 21.0	Sandy yellow Clay	8		105.0	— 108.0	Shale fragments	40	
	21.0	— 65.0	Blue Clay with fine Lenses of Sand	3		108.0		Refusal		
	65.0	— 103.5	Blue Clay	4		Elev. Ex. Ground: 18.87'				
	103.5	— 108.0	Till	50		Depth Gr. Water: 17.20'				
	108.0		Refusal			258 H7	0.0	— 2.0	Fill	8
	Elev. Ex. Ground: 23.36'						2.0	— 21.0	Sandy yellow Clay	8
	Depth Gr. Water: 20.0'				21.0		— 65.0	Blue Clay with fine Lenses of Sand	3	
					65.0		— 103.5	Blue Clay	4	
					103.5		— 108.0	Till	50	
				108.0			Refusal			
				Elev. Ex. Ground: 23.36'						
				Depth Gr. Water: 20.0'						

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)										
	From	To				From	To												
259 H7	0.0	0.67	Concrete	7	262	0.0	14.0	Fill	7										
	0.67	9.5	Fill		17	14.0	20.0	Moist stiff variable sandy yellow Clay		5									
	9.5	14.0	Sandy yellow Clay		20.0	30.0	Wet medium blue Clay with fine Sand lenses	6											
	14.0	19.5	Yellow Clay, trace fine Gravel		30.0	36.5	Wet blue Clay with Sand layers				4								
	19.5	40.0	Blue Clay & Sand seams		36.5	50.0	Blue Clay					3							
	40.0	45.0	Fine silty Sand		50.0	72.0	Blue Clay						2						
	45.0	72.0	Blue Clay, little fine Gravel		72.0	75.0	Wet compact fine medium Sand, little fine Gravel & Clay, Silt & Clay							6					
	72.0	79.75	Gravel, Shale fragments, little blue Clay, fine Sand		75.0	90.4	Compact fine to medium Sand, some Silt, trace coarse Gravel & Cobbles								35				
	Elev. Ex. Ground: 20.07'					Elev. Ex. Ground: 11.22'													
	Depth Gr. Water: 29.57'					Depth Gr. Water: 14'													
260 17	0.0	1.0	Concrete	4	263	0.0	0.33		Concrete							Cored			
	1.0	15.0	Fill		17	0.33	9.0		Fill	2									
	15.0	20.0	Yellow Clay with Sand seams		9.0	25.0	Yellow Clay	10											
	20.0	30.0	Yellow Clay with Sand seams		25.0	40.0	Blue Clay, fine Sand in stratum		7										
	30.0	40.0	Blue Clay with some Sand seams		40.0	49.0	Blue Clay				6								
	40.0	42.5	Wet compact fine Sand, trace Clay		49.0	55.0	Blue Clay, trace fine Gravel					4							
	42.5	65.0	Blue Clay with Sand seams		55.0	84.33	Blue Clay						3						
	65.0	65.5	Fine Sand, Clay & Shale fragments		84.33	92.5	Clayey fine-coarse Sand & fine-coarse Gravel, little Silt							30					
	65.50		Refusal		92.5		Refusal												
	Elev. Ex. Ground: 18.78'					Elev. Ex. Ground: Not given													
Depth Gr. Water: 17.7'				Depth Gr. Water: 20.9'															
261 17	0.0	4.0	Fill	9	264	0.0	1.0			Concrete						Cored			
	4.0	8.0	Fill		17	1.0	25.0	Misc. Fill		7									
	8.0	15.0	Yellow Clay		25.0	35.0	Blue Clay	3											
	15.0	20.0	Yellow sandy Clay		35.0	72.5	Blue Clay with fine Sand lenses		5										
	20.0	25.0	Wet loose fine Sand & Clay		72.5	78.0	Clayey fine-coarse Sand, some fine-coarse Gravel				25								
	25.0	30.0	Blue Clay with fine Sand layers		78.0	81.5	Silty fine - medium Sand, some fine-coarse Gravel, little Clay					30							
	30.0	45.0	Blue Clay with fine Sand layers		81.5	85.5	Cored Argillite												
	45.0	64.92	Blue Clay		85.5	90.5	Cored Argillite												
	64.92	67.08	Fine to medium Sand, little Silt, trace fine Gravel		90.5	95.5	Cored Argillite												
	67.08		Refusal		95.5	100.5	Cored Argillite												
Elev. Ex. Ground: 13.79'				Elev. Ex. Ground: Not given															
Depth Gr. Water: Not given				Depth Gr. Water: 30.8'															

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
265 17	0.0	— 10.0	Fill	15	269 17	0.0	— 5.0	Misc. Fill	16
	10.0	— 20.0	Sandy, silty yellow Clay	4		5.0	— 20.0	Yellow Clay	20
	20.0	— 25.0	Fine Sand, trace Silt	6		20.0	— 30.0	Silty yellow Clay with Sand lenses	6
	25.0	— 40.0	Blue Clay with fine Sand lenses	5		30.0	— 35.0	Medium blue Clay with Sand lenses	3
	40.0	— 45.0	Fine Sand, little Silt	4		35.0	— 50.0	Sand with blue Clay lenses	5
	45.0	— 70.0	Blue Clay	4		50.0	— 64.0	Blue Clay	4
	70.0	— 74.0	Blue Clay, little fine Gravel	5		64.0	— 66.08	Sand & Gravel, some Clay	24
	74.0	— 82.17	Fine medium Sand, some fine-medium Gravel, little Silt	12		66.08		Refusal	
	82.17		Refusal			Elev. Ex. Ground:		Not given	
	Elev. Ex. Ground:		Not given			Depth Gr. Water:		20.9'	
266 17	0.0	— 0.25	Bituminous Fill		270 17	0.0	— 0.5	Bituminous	
	0.25	— 8.5	Sandy yellow Clay	12		0.5	— 5.0	Misc. Fill	14
	8.5	— 27.0	Silty medium blue Clay with lenses of fine Sand	6		5.0	— 10.5	Sand, Gravel, Clay & Concrete	7
	27.0	— 67.0	Very sandy blue Clay, little fine Gravel	10		10.5	— 20.0	Yellow Clay	12
	67.0	— 72.0	Fine-coarse Sand, some fine-coarse Gravel, little Clay	40		20.0	— 64.0	Blue Clay with layers of fine Sand	5
	72.0	— 78.5	Cored Argillite			64.0	— 68.67	Clayey fine & medium Sand, some fine-medium Gravel	61
	78.5	— 83.5	Cored Argillite			68.67	— 73.67	Cored Argillite	
	83.5	— 88.5	Cored Argillite			73.67	— 78.67	Cored Argillite	
	88.5	— 93.5	Cored Argillite			Elev. Ex. Ground:		Not given	
	93.5	— 98.0	Cored Argillite			Depth Gr. Water:		9.5'	
Elev. Ex. Ground:		Not given		271 17	0.0	— 5.0	Misc. Fill	25	
Depth Gr. Water:		Not given			5.0	— 20.0	Yellow Clay	14	
267 17	0.0	— 5.0	Fill		8	20.0	— 25.0	Yellow Clay with Sand lenses	7
	5.0	— 15.0	Yellow Clay		16	25.0	— 40.0	Blue Clay with Sand lenses	4
	15.0	— 20.0	Silty sandy yellow Clay		7	40.0	— 45.0	Fine Sand, little Clay & Sand	2
	20.0	— 40.0	Silty medium blue Clay with Sand lenses		3	45.0	— 51.0	Blue Clay with Sand lenses	3
	40.0	— 45.0	Fine Sand, little Clay		6	51.0	— 80.0	Blue Clay with Sand lenses	6
	45.0	— 60.0	Blue Clay		4	80.0	— 82.9	Fine-medium Sand & fine-coarse Gravel, little Silt	15
	60.0	— 64.33	Cored Argillite			82.9	— 83.4	Cored Argillite	
	64.33	— 71.33	Cored Argillite			Elev. Ex. Ground:		Not given	
	71.33	— 74.0	Cored Argillite		Depth Gr. Water:		15.6'		
	Elev. Ex. Ground:		Not given		272 H7	0.0	— 5.0	Boulders	
Depth Gr. Water:		11.0'		5.0		— 13.0	Misc. Fill	12	
268 17	0.0	— 0.25	Bituminous	4		13.0	— 20.0	Yellow Clay	4
	0.25	— 9.0	Misc. Fill			20.0	— 30.0	Yellow Clay with fine Sand lenses	5
	9.0	— 20.0	Yellow Clay, trace fine Sand	14		30.0	— 55.0	Silty medium blue Clay with fine Sand lenses	3
	20.0	— 27.0	Silty sandy medium yellow Clay	5		55.0	— 57.5	Blue Clay, some medium Gravel	
	27.0	— 58.6	Blue Clay with lenses of fine Sand	2		57.5	— 60.0	Cored Argillite	
	58.6	— 69.0	Blue Clay	6		60.0	— 65.0	Cored Argillite	
	69.0	— 72.0	Fine-coarse Sand, some fine-coarse Gravel, Clay	23		65.0	— 68.0	Cored Argillite	
						68.0	— 72.0	Cored Argillite	
					72.0	— 74.0	Cored Argillite		
	Elev. Ex. Ground:		Not given		Elev. Ex. Ground:		Not given		
Depth Gr. Water:		27.4'		Depth Gr. Water:		20.2'			

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
273 H7	12.0	— 12.0	Misc. Fill	36	276 H8	0.0	— 1.5	Fill	6
		— 20.0	Yellow Clay, trace fine Gravel	7		1.5	— 5.0	Sandy Clay, Fill	2
	20.0	— 30.0	Yellow Clay with fine Sand lenses	5		5.0	— 7.0	Silty Sand, Brick & Gravel Fill	5
	30.0	— 35.0	Blue Clay with fine Sand lenses	3		7.0	— 10.0	Sandy organic Silt & Clay Fill	5
	35.0	— 47.0	Blue Clay with fine Sand Lenses	3		10.0	— 13.0	Sandy organic Silt & Shells, Fill	4
	47.0	— 62.0	Fine Sand, some Clay	9		13.0	— 18.0	Organic Silt, trace medium Gravel	1
	62.0	— 78.5	Blue Clay Refusal	6		18.0	— 25.0	Sand, yellow Clay	4
	Elev. Ex. Ground: Not given					25.0	— 95.0	Silty medium blue Clay, trace fine Gravel & Sand lenses	3
	Depth Gr. Water: 19.6'					95.0	— 101.5	Fine-medium Sand, some fine-coarse Gravel, little Silt & Clay - Till	16
274 H7	0.0	— 15.0	Fill	6		101.5	— 106.5	Fine Sand, some fine-medium Gravel, little Silt & Clay, Till	55
	15.0	— 20.0	Stiff yellow Clay, trace fine Gravel	7		Elev. Ex. Ground: Not given			
	20.0	— 25.0	Yellow Clay & fine silty Sand (Varved)	5		Depth Gr. Water: 7.2'			
	25.0	— 30.0	Soft blue Clay with fine Sand lenses	2	277 H7	0.0	— 4.0	Fill	8
	30.0	— 40.0	Sand, blue Clay	2		4.0	— 23.0	Stiff yellow Clay, trace fine-medium Gravel	7
	40.0	— 50.0	Stiff blue Clay with fine Sand lenses	7		23.0	— 83.25	Blue Clay with layers fine Sand	3
	50.0	— 70.5	Fine silty Sand, trace Clay	12		83.25	— 88.25	Cored Argillite	
	70.5	— 84.67	Medium blue Clay	3		88.25	— 93.25	Cored Argillite	
	84.67	— 87.2	Clayey fine-coarse Sand, fine-coarse Gravel, little Silt	16		93.25	— 98.25	Cored Argillite	
	87.2		Refusal			Elev. Ex. Ground: Not given			
	Elev. Ex. Ground: Not given					Depth Gr. Water: 12.2'			
	Depth Gr. Water: 16.7'				278 H7	0.0	— 10.0	Fill	2
275 H7	0.0	— 9.0	Fill	11		10.0	— 25.0	Yellow Clay	8
	9.0	— 24.0	Yellow Clay, trace fine Gravel	7		25.0	— 61.0	Blue Clay with layers fine Sand	4
	24.0	— 37.0	Blue Clay with fine Sand lenses	5		61.0	— 63.25	Cored Boulders	
	37.0	— 53.0	Blue Clay	3		63.25	— 75.0	Blue Clay	6
	53.0	— 65.0	Blue Clay, trace fine Gravel	4		75.0	— 86.25	Clayey fine-coarse Sand, some fine Gravel	14
	65.0	— 116.5	Blue Clay, trace fine Gravel	3		86.25	— 90.25	Cored Argillite	
	116.5	— 122.0	Fine-coarse Sand & fine-coarse Gravel, little Silt & Clay	87		90.25	— 94.25	Cored Argillite	
	122.83		Refusal			94.25	— 98.25	Cored Argillite	
	Elev. Ex. Ground: Not given					Elev. Ex. Ground: Not given			
	Depth Gr. Water: 14.83'					Depth Gr. Water: 13.0'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
279 G7	0.0	— 20.0	Misc. Fill	30	282 G7	0.0	— 1.5	Fill	2		
	20.0	— 25.0	Fine Sand, some medium-fine Gravel, little Silt & Wood	7		1.5	— 3.0	Tie Wood	70		
	25.0	— 32.0	Yellow Clay	29		3.0	— 14.0	Sandy organic Silt	3		
	32.0	— 49.0	Moist medium blue Clay	6		14.0	— 27.0	Very stiff yellow Clay	11		
	49.0	— 59.0	Moist Blue Clay with fine Sand lenses	4		27.0	— 33.0	Yellow Clay, trace coarse Sand, trace fine Gravel	6		
	59.0	— 75.0	Moist blue Clay with little fine Gravel	4		33.0	— 38.0	Yellow Clay with Sand lenses	4		
	75.0	— 90.0	Moist medium blue Clay with little medium-fine Gravel	4		38.0	— 53.0	Blue Clay, some medium Gravel	5		
	90.0	— 102.0	Moist medium blue Clay	2		53.0	— 58.0	Blue Clay, some medium Gravel	3		
	102.0	— 106.0	Moist compact medium-fine Sand, some medium-fine Gravel, little Silt	25		58.0	— 74.0	Blue Clay, fine Sand, some medium-fine Gravel	3		
	106.0	— 109.0	Moist compact medium-fine Sand, medium-fine Gravel, some Shale fragments	87		74.0	— 76.5	Blue Clay, fine Sand, some medium-fine Gravel	6		
	109.0		Refusal			Elev. Ex. Ground: 0.20' Depth Gr. Water: 0.80'					
	Elev. Ex. Ground: 17.70' Depth Gr. Water: 19.60'						283 G7	0.0	— 5.0	Misc. Fill	
	280 G7	0.0	— 0.3	Bituminous				5.0	— 17.0	Moist soft sandy organic Silt	2
0.3		— 20.0	Misc. Fill	20	17.0	— 22.0		Peaty organic Silt & Shells			
20.0		— 25.0	Moist very stiff yellow Clay	9	22.0	— 27.0		Moist stiff silty blue Clay, trace medium Gravel, trace Peat	4		
25.0		— 35.0	Sandy yellow Clay moist very stiff	10	27.0	— 40.0		Moist stiff yellow & blue Clay	8		
35.0		— 40.0	Moist stiff yellow Clay	8	40.0	— 107.0		Moist stiff blue Clay	4		
40.0		— 44.0	Moist stiff Clay & fine Sand lenses	3	107.0	— 111.67		Wet compact fine Sand, Clay & Shale	57		
44.0		— 100.6	Stiff Clay, some Sand	5	111.67			Refusal			
100.6		— 105.0	Wet compact fine Sand, some medium-coarse Gravel, Clay, trace Shale	28	Elev. Ex. Ground: -0.24' Depth Gr. Water: 7.0'						
105.0			Refusal		284 G6	0.0		— 7.0	Fill	7	
Elev. Ex. Ground: 15.86' Depth Gr. Water: 12.5'						7.0		— 32.0	Organic Silt	1	
281 G7		0.0	— 3.0	Fill				32.0	— 37.0	Fine Sand, Silt, fine Gravel	3
		3.0	— 4.0	Organic Silt, fine-medium Sand				37.0	— 40.0	Stiff blue Clay	8
		4.0	— 8.0	Organic Silt, trace Peat		4	40.0	— 64.0	Blue Clay, some medium Gravel	4	
	8.0	— 9.0	Blue Clay	12		64.0	— 94.0	Moist stiff blue Clay, with fine Sand lenses	8		
	9.0	— 16.0	Very stiff yellow Clay	10		94.0	— 109.0	Moist medium blue Clay	5		
	16.0	— 52.0	Medium Clay	4		109.0	— 114.0	Fine-medium Sand, some Gravel, trace Clay	17		
	52.0	— 57.0	Medium Clay, little fine-medium Gravel	3		114.0	— 117.1	Fine-medium Sand, little Silt & some Peat & coarse Gravel	32		
	57.0	— 87.0	Medium Clay			117.1		Refusal			
	87.0	— 93.17	Clay & Shale	50		Elev. Ex. Ground: 0.32' Depth Gr. Water: 11.42'					
	Elev. Ex. Ground: 0.15' Depth Gr. Water: 7.25'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
285 G6	0.0	10.0	Misc. Fill	17	289 D9	0.0	24.0	Misc. Fill	16	
	10.0	24.0	Organic Silt & Shells	1		24.0	27.0	Peat	5	
	24.0	30.0	Peaty organic Silt	1		27.0	30.0	Blue Clay, veins fine Sand	8	
	30.0	35.0	Silty Clay	7		30.0	37.0	Yellow Clay & blue Clay, veins fine Sand	18	
	35.0	37.0	Blue Clay with Sand layers	4		37.0	45.0	Blue Clay	5	
	37.0	44.0	Firm Sand, little Silt, trace fine-medium Gravel	5		Elev. Ex. Ground: Not given				
	44.0	51.0	Gravel, stiff sandy Clay, trace coarse Gravel	6		Depth Gr. Water: 8.5'				
	51.0	92.0	Gravel, stiff Clay, trace fine Sand, trace fine-medium Gravel	5		290 D9	0.0	22.0	Misc. Fill	18
	92.0	97.0	Soft blue Clay	12			22.0	25.0	Organic Silt, some Peat	5
	97.0	110.0	Soft blue Clay	10			25.0	29.0	Peat	6
	110.0	114.75	Gravel, silty fine-coarse Sand, trace medium Gravel	24			29.0	35.0	Blue Clay	14
							35.0	42.0	Yellow Clay	12
	115		Refusal			42.0	47.0	Blue Clay	4	
Elev. Ex. Ground: -0.15'				Elev. Ex. Ground: Not given						
Depth Gr. Water: 7.20'				Depth Gr. Water: 8.5'						
286 C8	0.0	12.0	Fill		291 D9	0.0	17.0	Misc. Fill	15	
	12.0	23.0	Peaty Silt			17.0	20.0	Peat	4	
	23.0	31.5	Stiff yellow Clay, layers Sand	22		20.0	30.0	Organic Silt, trace Shells	3	
	31.5	103.3	Blue Clay, layers Sand	4		30.0	32.0	Peat	5	
	103.3	119.5	Shale, Sand & Gravel	92		32.0	37.0	Organic Silt, trace Shells	4	
	113.0		Cored Rock			37.0	42.0	Yellow Clay	12	
Elev. Ex. Ground: 16'				42.0	46.0	Blue Clay	8			
Depth Gr. Water: Not given				46.0	51.0	Blue Clay, trace fine Sand	5			
287 C8	0.0	13.5	Fill		Elev. Ex. Ground: Not given					
	13.5	22.0	Organic Silt, Peat	3	Depth Gr. Water: 10.0'					
	22.0	33.0	Blue Clay & layers Sand	24	292 D9	0.0	21.0	Misc. Fill	50	
	33.0	108.0	Clay & layers Sand	5		21.0	30.5	Peat & organic Silt	6	
	108.0	108.5	Fine-coarse Sand, Gravel, some blue Clay			30.5	32.0	Clay, some Sand	8	
	108.5		Refusal			32.0	35.0	Blue Clay	16	
Elev. Ex. Ground: Not given				35.0		40.0	Yellow Clay	14		
Depth Gr. Water: Not given				40.0		44.0	Yellow Clay, trace Sand & Gravel	11		
288 C8	0.0	11.3	Fill		44.0	50.0	Blue Clay	4		
	11.3	15.0	Organic Silt	2	Elev. Ex. Ground: Not given					
	15.0	19.0	Peat	2	Depth Gr. Water: 9.0'					
	19.0	25.0	Yellow Clay	27	293 D8	0.0	11.0	Fill	17	
	25.0	26.0	Clay, Sand	40		11.0	13.0	Sand, Gravel, Stones	30	
	26.0	29.0	Fine Sand, Clay	17		13.0	14.5	Fine Sand	4	
	29.0	30.5	Clay	6		14.5	23.0	Organic silty Peat	4	
	30.5	104.0	Blue Clay	3		23.0	30.0	Blue Clay, little fine Sand	12	
	104.0	113.0	Fine Sand, Gravel	84		30.0	60.0	Blue Clay	5	
	113.0	126.0	Fine Sand, Shale	128	Elev. Ex. Ground: Not given					
126.0	134.0	Coréd Rock		Depth Gr. Water: 8.0'						
Elev. Ex. Ground: 16'				294 D9	0.0	8.0	Fill	19		
Depth Gr. Water: Not given					8.0	19.0	Organic Silt & trace Shells	2		
					19.0	24.0	Peat	5		
					24.0	26.0	Fine Sand, inorganic Silt	15		
					26.0	28.0	Yellow Clay	20		
				Elev. Ex. Ground: Not given						
				Depth Gr. Water: 4.0'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
295 D9	0.0	18.0	Misc. Fill	16	301 E8	0.0	22.0	Misc. Fill	14
	18.0	19.0	Organic silty Sand	7		22.0	30.6	Organic Silt, trace Shells	3
	19.0	22.0	Organic Silt, trace Shells	2		30.6	33.0	Peat	6
	22.0	24.0	Peat	5		33.0	36.0	Blue Clay, some fine Sand	12
	24.0	30.0	Fine Sand, inorganic Silt	12		36.0	40.0	Blue & yellow Clay, trace fine Sand	19
	30.0	34.0	Yellow Clay, little fine Sand	19		40.0	48.0	Blue Clay, some fine Sand	8
	34.0	45.0	Yellow Clay	6		Elev. Ex. Ground: 98.3'			
	Elev. Ex. Ground: Not given					Depth Gr. Water: 14.6'			
296 D9	0.0	23.5	Misc. Fill	4	302 D9	0.0	25.5	Misc. Fill	5
	23.5	26.0	Organic Silt	2		25.5	28.5	Sand, trace Gravel	4
	26.0	29.0	Yellow & blue Clay	19		28.5	29.5	Blue Clay	4
	29.0	39.0	Yellow Clay	15	Elev. Ex. Ground: Not given				
	39.0	124.0	Blue Clay	3	Depth Gr. Water: Not given				
	124.0	126.0	Shale, Sand & Gravel	47	303 C9	0.0	8.4	Fill	
Elev. Ex. Ground: 14.75'				8.4		11.0	Silt & Shells		
Depth Gr. Water: 8.5'				11.0		18.0	Peat		
297 E9	0.0	7.5	Fill	22		18.0	28.2	Silt & Shells	
	7.5	16.0	Silty Sand, Wood, trace Silt	7	28.2	36.0	Blue Clay		
	16.0	22.0	Organic Silt	3	Elev. Ex. Ground: 19.0'				
	22.0	29.0	Organic Silt, trace Sand	3	Depth Gr. Water: Not given				
	29.0	30.0	Blue Clay	11	304 C9	0.0	9.5	Fill	
30.0	32.0	Yellow Clay	21	9.5		22.7	Silt & Shells		
Elev. Ex. Ground: 16.25'				22.7		25.6	Silty Peat		
Depth Gr. Water: 9.3'				25.6		27.7	Hard dry silty Sand		
298 D8	0.0	12.0	Sand, Loam, Gravel, Stones	8	27.7	35.0	Hard blue Clay		
	12.0	25.0	Organic Silt, trace Fibers	4	Elev. Ex. Ground: 19'				
	25.0	28.0	Yellow Clay, veins fine Sand	17	Depth Gr. Water: Not given				
	28.0	31.0	Yellow Clay	16	305 C9	0.0	5.2	Fill	
	31.0	84.0	Blue Clay	4		5.2	12.6	Fill	
	84.0		Refusal			12.6	18.4	Fill Wood	
Elev. Ex. Ground: 97.6'				Elev. Ex. Ground: 14.0'					
Depth Gr. Water: 4.6'				Depth Gr. Water: Not given					
299 D8	0.0	10.0	Misc. Fill	7	306 C9	0.0	3.5	Fill	
	10.0	13.0	Peat, Silt, trace Fibers	5		3.5	13.5	Misc. Fill	
	13.0	25.5	Organic Silt	4		13.5	23.8	Misc. Fill	
	25.5	28.0	Yellow Clay, trace fine Sand	15	23.8	30.0	Yellow Clay	3	
	28.0	31.5	Yellow Clay	18	Elev. Ex. Ground: 14'				
	31.5	37.0	Blue Clay	4	Depth Gr. Water: Not given				
Elev. Ex. Ground: 94.8'				307 C9	0.0	12.0	Misc. Fill		
Depth Gr. Water: 7.6'					12.0	15.0	Peat		
300 D8	0.0	11.5	Fill		7	15.0	31.0	Sandy Silt & Shells	4
	11.5	18.5	Organic Silt		3	31.0	34.0	Firm Sandy Sand & Gravel	
	18.5	27.5	Peat, trace Fibers		4	34.0	35.5	Blue Clay	20
	27.5	29.0	Blue Clay	14	35.5	38.0			
	29.0	33.0	Yellow & blue Clay	18	38.0	41.0			
33.0	40.0	Blue Clay	4	41.0	43.0				
Elev. Ex. Ground: 97.6'				Elev. Ex. Ground: 17'					
Depth Gr. Water: 7.0'				Depth Gr. Water: 11.0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
308 C9	0.0	— 12.5	Misc. Fill	27	314 C8	0.0	— 5.0	Misc. Fill	27
	12.5	— 34.5	Sandy Sand	2		5.0	— 10.0	Silt, Sand & some Gravel	20
	34.5	— 36.0	Stiff yellow Clay			10.0	— 14.0	Misc. Fill	14
	36.0	— 38.0) No Samples			14.0	— 20.0	Organic Silt	3
	38.0	— 41.0				20.0	— 27.0	Peaty organic Silt	3
	41.0	— 43.0				27.0	— 38.0	Yellow Clay	13
	43.0	— 48.0				38.0	— 98.0	Blue Clay	5
	48.0	— 50.0) Blue Clay & fine Sand	6		98.0	— 105.7	Sandy blue Clay, some Gravel	64
	50.0	— 55.0		Blue Clay & fine Sand		6			Refusal
	55.0	— 118.0	Blue Clay & fine Sand	6		105.7			
118.0	— 123.0	Fine Sand, Gravel & Boulders	59	Elev. Ex. Ground:	16.8'				
				Depth Gr. Water:	20.9'				
		Elev. Ex. Ground:	17'	315 C8	0.0	— 5.0	Misc. Fill	24	
		Depth Gr. Water:	9.5'		5.0	— 10.0	Misc. Fill	18	
309 D3	0.0	— 7.5	Fill		8	10.0	— 14.0	Misc. Fill	15
	7.5	— 8.5	Organic Silt		2	14.0	— 29.4	Peaty organic Silt	3
	8.5	— 13.5	Peat		2	29.4	— 38.0	Yellow Clay	9
	13.5	— 33.5	Coarse Sand & Gravel		26	38.0	— 99.7	Blue Clay	5
	33.5	— 40.0	Blue Clay		7	99.7	— 104.3	Fine Sand & Shale	82
		Elev. Ex. Ground:	12.9'		104.3		Refusal		
		Depth Gr. Water:	10.6'	Elev. Ex. Ground:	16.6'				
				Depth Gr. Water:	20.4'				
310 D3	0.0	— 8.0	Misc. Fill	9	316 C8	0.0	— 0.4	Bituminous	
	8.0	— 14.0	Organic Silt, some Peat Fibers	2		0.4	— 13.0	Misc. Fill	38
	14.0	— 34.6	Medium-coarse Sand & Gravel	26		13.0	— 24.0	Peaty organic Silt	4
34.6	— 40.0	Blue Clay	8	24.0		— 38.0	Blue & yellow Clay	13	
311 C3	0.0	— 9.0	Misc. Fill	9	38.0	— 104.0	Blue Clay	9	
	9.0	— 12.0	Peat, some organic Silt	2	104.0	— 115.0	Sand, some Gravel & Shale	75	
	12.0	— 15.0	Peat	3	115.0	— 135.0	Cored Rock, Shale	Cored	
	15.0	— 36.5	Sand & Gravel	30					
	36.5	— 41.5	Blue Clay	8	Elev. Ex. Ground:	16.6'			
		Elev. Ex. Ground:	13.88'	Depth Gr. Water:	Not given				
		Depth Gr. Water:	9.0'	317 D9	0.0	— 11.5	Misc. Fill	10	
312 C9	0.0	— 0.8	Concrete.			11.5	— 12.0	Organic Silt	2
	0.8	— 5.0	Misc. Fill		5	12.0	— 20.0		
	5.0	— 20.0	Misc. Fill		22	20.0	— 25.0	Organic Silt, little Fibers	1
	20.0	— 23.5	Misc. Fill		24	25.0	— 32.0	Peat	1
	23.5	— 25.5	Organic Silt & Shells		7	Elev. Ex. Ground:	Not given		
	25.5	— 27.4	Peaty organic Silt		2	Depth Gr. Water:	Not given		
	27.4	— 31.0	Peaty Silt, Clay	31	318 D9	0.0	— 18.0	Misc. Fill	10
31.0	— 62.0	Yellow Clay	10	18.0		— 20.0	Organic Sand, trace Shells	2	
		Elev. Ex. Ground:	Not given	20.0		— 25.0			
		Depth Gr. Water:	11.3'	25.0		— 30.0	Organic Silt, some Shells	1	
313 C9	0.0	— 10.3	Misc. Fill	9	Elev. Ex. Ground:	Not given			
	10.3	— 17.8	Coarse Sand & some coarse Gravel	14	Depth Gr. Water:	Not given			
	17.8	— 29.5	Peaty organic Silt	2	319 D9	0.0	— 13.5	Misc. Fill	6
	29.5	— 41.5	Yellow Clay	11		13.5	— 23.0	Organic Silt, trace Shells	2
		Elev. Ex. Ground:	Not given	23.0		— 23.6	Wood Obstruction		
		Depth Gr. Water:	10.3'	Elev. Ex. Ground:	Not given				
				Depth Gr. Water:	8.0'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
320 G8	0.0	12.5	Misc. Fill	8	326 G6	0.0	0.25	Bituminous	15	
	12.5	18.0	Yellow Clay	15		0.25	28.0	Misc. Fill		
	18.0	25.0	Yellow Clay, veins fine Sand	6		28.0	38.0	Organic Silt, trace fine Sand & Shells		6
	Elev. Ex. Ground: 99.47'					38.0	43.0	Yellow Clay, trace fine Sand	14	
	Depth Gr. Water: 9.0'					43.0	48.0	Blue Clay	6	
321 G7	0.0	13.5	Misc. Fill	10	327 D9	0.0	23.6	Misc. Fill	10	
	13.5	19.0	Yellow Clay	14		23.6	30.0	Organic Silt, trace Shells		3
	19.0	30.0	Yellow Clay, veins fine Sand	6		30.0	50.0	Yellow Clay		5
	Elev. Ex. Ground: 101.40'					Elev. Ex. Ground: 20.7'				
	Depth Gr. Water: 8.5'					Depth Gr. Water: 9.0'				
322 G6	0.0	0.5	Bituminous	36	328 D9	0.0	8.6	Misc. Fill	19	
	0.5	20.0	Misc. Fill			8.6	19.0	Organic Silt, little Shells		2
	20.0	37.5	Organic Silt, trace fine Sand & Shells			3	19.0	22.6		Coarse Sand & Gravel, trace organic Silt
	37.5	45.0	Blue Clay	12		22.6	26.0	Organic Silt, little Shells	2	
	45.0	47.0	Blue Clay	6		26.0	32.0	Yellow Clay, little fine Sand	20	
	47.0	93.5	Blue Clay	6		32.0	50.0	Blue Clay	9	
	93.5	100.0	Fine-medium Sand & Gravel, trace Clay	7		Elev. Ex. Ground: 18.52'				
	Elev. Ex. Ground: Not given					Depth Gr. Water: 5.5'				
	Depth Gr. Water: 9.0'				329 D9	0.0	14.0	Misc. Fill	4	
323 G6	0.0	0.5	Bituminous	15		14.0	17.5	Organic Silt, trace Shells		2
	0.5	16.0	Misc. Fill			17.5	24.0	Coarse Sand & Gravel		
	16.0	42.0	Organic Silt, trace fine Sand & Shells		4	24.0	26.5	Loose Sand, Gravel & Silt		
	42.0	50.0	Yellow Clay	15		26.5	34.0	Yellow Clay	23	
	50.0	57.0	Blue Clay, veins fine Sand	7		34.0	39.0	Yellow Clay	6	
	Elev. Ex. Ground: Not given					39.0	50.0	Blue Clay	4	
	Depth Gr. Water: 17.0'					Elev. Ex. Ground: 16.76'				
324 G6	0.0	0.5	Bituminous	10	330 D9	0.0	9.5	Misc. Fill	22	
	0.5	20.0	Misc. Fill			9.5	16.5	Organic Silt, trace Shells		3
	20.0	37.5	Organic Silt, trace fine Sand & Shells			4	16.5	21.0		
	37.5	43.0	Yellow & blue Clay	15		21.0	28.0	Organic Silt, little Peat	3	
	43.0	45.0	Blue Clay, trace	10		28.0	30.0	Blue Clay	7	
	45.0	55.0	Gravel	10		30.0	34.5	Yellow & blue Clay	20	
	Elev. Ex. Ground: Not given					34.5	50.0	Blue Clay	4	
	Depth Gr. Water: 9.0'					Elev. Ex. Ground: 15.48'				
325 G6	0.0	0.5	Bituminous	29	331 D9	0.0	23.0	Misc. Fill	68	
	0.5	22.0	Misc. Fill			23.0	34.6	Organic Silt, trace Shells		3
	22.0	40.0	Organic Silt, trace fine Sand & Shells			3	34.6	38.6		
	40.0	46.0	Blue Clay, veins fine Sand	24		38.6	50.0	Blue Clay	16	
	46.0	48.0	Fine Sand, little organic Silt, trace Clay	8		Elev. Ex. Ground: 15.98'				
	48.0	55.0				Depth Gr. Water: 10.0'				
	Elev. Ex. Ground: Not given					Depth Gr. Water: 10.0'				
	Depth Gr. Water: 11.0'					Depth Gr. Water: 10.0'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
332 F9	0.0	16.0	Fill		341 E9	0.0	21.5	Misc. Fill		
	16.0	31.0	Organic Silt	2		21.5	39.5	Silt, fine Sand, Shells		
	31.0	51.0	Clay	4		39.5	41.5	Coarse Sand, Gravel, Shells	3	
	51.0	60.0	Blue Clay	2		41.5	50.0	Blue Clay	7	
	Elev. Ex. Ground: 15'					Elev. Ex. Ground: 15.35'				
	Depth Gr. Water: 14.5'					Depth Gr. Water: 7.0'				
333 F9	0.0	15.5	Fill		342 F9	0.0	17.5	Fill		
	15.5	31.0	Organic Silt	2		17.5	29.0	Silt, little Sand		
	31.0	41.0	Blue Clay	6		29.0	33.0	Mud & Peat		
	41.0	50.0	Blue Clay	2		33.0	38.0	Hard blue Clay		
	Elev. Ex. Ground: 15'					Elev. Ex. Ground: 18.4'				
	Depth Gr. Water: 13.5'					Depth Gr. Water: 10.0'				
334 F9	0.0	14.0	Fill		343 F9	0.0	16.2	Fill		
	14.0	40.0	Organic Silt	2		16.2	32.0	Silt & little fine Sand		
	40.0	97.0	Blue Clay	3		32.0	45.0	Medium blue Clay		
	97.0	98.5	Fine Sand, Gravel & Clay	15			Elev. Ex. Ground: 18.4'			
	98.5		Refusal				Depth Gr. Water: Not given			
	Elev. Ex. Ground: 15'					Elev. Ex. Ground: 18.4'				
	Depth Gr. Water: 6.6'					Depth Gr. Water: Not given				
335 F9	0.0	26.0	Wood floor & Fill		344 E9	0.0	11.5	Fill		
	26.0	39.0	Organic Silt	2		11.5	18.5	Peaty Silt, little Shells	2	
	39.0	50.0	Blue Clay	2		18.5	27.5	Peaty Silt, little fine Sand	4	
	Elev. Ex. Ground: 15'					27.5	27.5	Peat, little Gravel, Silt & Shells	2	
	Depth Gr. Water: 14.5'					39.0	39.0	Yellow Clay	10	
336 F9	0.0	27.0	Concrete Floor & Misc. Fill	13		47.5	47.5	Blue Clay	3	
	27.0	39.0	Organic Silt	4		Elev. Ex. Ground: 15'				
	39.0	52.0	Blue Clay	3		Depth Gr. Water: Not given				
	Elev. Ex. Ground: 15'				345 F9	0.0	3.0	Fill		
	Depth Gr. Water: 7.5'					3.0	6.5	Fine Silty Sand		
337 F9	0.0	8.5	Fill			6.5	29.2	Soft Silt & fine Sand		
	8.5	30.6	Medium Silt & little fine Sand			29.2	37.0	Silty Peat & fine Sand		
	30.6	38.0	Stiff Blue Clay			37.0	61.3	Soft blue Clay		
	Elev. Ex. Ground: 16.5'				61.3	63.0	Clay & Gravel			
	Depth Gr. Water: Not given					Elev. Ex. Ground: 8.75'				
338 E9	0.0	23.6	Misc. Fill			Depth Gr. Water: Not given				
	23.6	40.0	Silt, fine Sand, Shells		346 F9	0.0	7.7	Fill		
	40.0	55.0	Blue Clay	6		7.7	12.5	Soft Silt & fine Sand		
	Elev. Ex. Ground: 15.85'					12.5	28.8	Soft Silt & Sand		
	Depth Gr. Water: 8.6'				28.8	32.0	Blue Clay, little fine Sand			
339 E9	0.0	20.5	Misc. Fill		32.0	60.5	Soft blue Clay			
	20.5	37.5	Silt, fine Sand, Shells		60.5	61.7	Clay & Gravel, Rock or Boulders			
	37.5	42.0	Blue Clay	16		Elev. Ex. Ground: 7'				
	42.0	100.0	Blue Clay	5		Depth Gr. Water: Not given				
	Elev. Ex. Ground: 16.76'					Elev. Ex. Ground: 7'				
	Depth Gr. Water: 10.00'					Depth Gr. Water: Not given				
340 E9	0.0	18.0	Misc. Fill			Elev. Ex. Ground: 15.25'				
	18.0	31.0	Silty Peat, Shells			Depth Gr. Water: 7.0'				
	31.0	32.0	Blue Clay	6						
	32.0	37.0	Blue Clay	16						
	37.0	45.0	Blue Clay	5						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
347 F9	0.0	3.5	Fill		352 H8	0.0	13.5	Fill	
	3.5	23.5	Silt & fine Sand			13.5	18.5	Silt & Peat	1
	23.5	31.0	Medium blue Clay			18.5	23.5	Silt, little Sand	2
	31.0	60.3	& fine Sand			23.5	25.0	Blue Clay, some Peat	5
	60.3	64.0	Soft blue Clay			25.0	27.0	Yellow & blue Clay	14
		Hard Clay, Sand, Gravel, Rock or Boulders		27.0	28.5	Yellow Clay, little Gravel	14		
	Elev. Ex. Ground:	4.5'			28.5	33.5	Yellow Clay, trace Sand	7	
	Depth Gr. Water:	Not given			33.5	66.0	Yellow Clay	5	
348 F9	0.0	3.3	Fill		66.0	93.5	Blue Clay	2	
	3.3	7.5	Soft Silt, fine Sand			Elev. Ex. Ground:	21.94'		
	7.5	28.0	Soft Silt, fine Sand & Shells			Depth Gr. Water:	Not given		
	28.0	32.0	Medium blue Clay & fine Sand		353 G8	0.0	8.0	Fill	
	32.0	59.3	Soft blue Clay			8.0	18.0	Silt & Peat	1
59.3	59.5	Clay, Gravel, Rock or Boulders		18.0		22.5	Peat	2	
	Elev. Ex. Ground:	6'		22.5		24.0	Blue Clay	6	
	Depth Gr. Water:	Not given		24.0		35	Yellow Clay	11	
349 F9	0.0	19.0	Fill	10	35	101	Blue Clay	3	
	19.0	26.0	Coarse Sand & Gravel, some organic Silt	18		Elev. Ex. Ground:	18.2'		
	26.0	43.0	Organic Silt, trace Shells	3		Depth Gr. Water:	Not given		
	43.0	48.0	Yellow Clay, trace Gravel	10	354 G8	0.0	9.0	Fill	
	48.0	55.0	Blue Clay	4		9.0	18.0	Silt, trace Sand	3
	Elev. Ex. Ground:	Not given		18.0		23.5	Yellow Clay, trace Sand	18	
	Depth Gr. Water:	11.5'		23.5		30.5	Blue Clay	7	
				30.5		35.5	Yellow & blue Clay	5	
350 F9	0.0	21.0	Misc. Fill	7	35.5	88.0	Blue Clay	3	
	21.0	36.0	Organic Silt	2	88.0	91.0	Blue Clay & Fine Sand & sharp Gravel	5	
	36.0	43.0	Yellow Clay	18		Elev. Ex. Ground:	18.5'		
	43.0	50.0	Yellow Clay	5		Depth Gr. Water:	13.5'		
	50.0	80.0	Blue Clay	4	355 G8	0.0	9.0	Fill	
	Elev. Ex. Ground:	Not given		9.0		13.0	Silt & Shells	2	
	Depth Gr. Water:	11.0'		13.0		16.5	Yellow Clay	6	
351 H8	0.0	11.0	Fill			16.5	22.0	Yellow & blue Clay	13
	11.0	13.5	Silt	2		22.0	89.5	Blue Clay	3
	13.5	22.5	Silt & Shells	3	89.5	93.0	Sharp Sand & Gravel	12	
	22.5	37.5	Yellow Clay	12		Elev. Ex. Ground:	15.9'		
	37.5	64.5	Blue Clay, trace Sand	4		Depth Gr. Water:	13.5'		
	64.5	Blue Clay	2	356 G8	0.0	6.5	Fill		
	95.0	Refusal			6.5	16.0	Peat, little Silt	1	
	Elev. Ex. Ground:	21.1'			16.0	20.0	Silty Sand	2	
	Depth Gr. Water:	12.5'			20.0	28.0	Yellow & blue Clay	16	
					28.0	33.5	Yellow Clay	7	
				33.5	73.5	Blue Clay	3		
				73.5	75.5	Sand, sharp Gravel, little Clay	14		
					Elev. Ex. Ground:	16.5'			
					Depth Gr. Water:	8.6'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To			
357 G8	0.0	8.0	Fill		
	8.0	13.0	Peaty Sand, little Silt	2	
	13.0	15.0	Silt	2	
	15.0	17.0	Sand, trace Silt	4	
	17.0	25.0	Yellow Clay	7	
	25.0	31.0	Blue Clay	3	
Elev. Ex. Ground:			15.5'		
Depth Gr. Water:			9.0'		
358 G8	0.0	11.6	Fill		
	11.6	21.0	Silty Sand	2	
	21.0	26.5	Peaty Silt	2	
	26.5	28.0	Blue Clay	6	
	28.0	40.0	Yellow Clay	11	
Elev. Ex. Ground:			13.9'		
Depth Gr. Water:			8.0'		
359 H8	0.0	8.5	Misc. Fill	9	
	8.5	14.5	Peat	3	
	14.5	18.0	Yellow & blue Clay	15	
	18.0	28.5	Yellow Clay	8	
	28.5	87.5	Blue Clay	2	
	87.5	90.0	Boulders		
	90.0	96.0	Sand, Gravel, Stones, Boulders	42	
	96.0	98.0	Shale	68	
98.0	103.0	Rock	Cored		
Elev. Ex. Ground:			14.66'		
Depth Gr. Water:			8.0'		
360 H8	0.0	11.0	Fill	8	
	11.0	16.0	Silty Peat	2	
	16.0	21.0	Silty Sand	2	
	21.0	26.0	Peaty Silt	2	
	26.0	31.0	Peat	3	
	31.0	32.5	Blue Clay, little Sand & Stones	9	
	32.5	38.5	Yellow Clay	7	
	38.5	103.0	Blue Clay	2	
	103.0	107.0	Sand, Gravel & Stones	19	
Elev. Ex. Ground:			15.54'		
Depth Gr. Water:			8.5'		
361 H8	0.0	7.5	Fill	8	
	7.5	14.5	Silty Sand & Shells	2	
	14.5	15.5	Blue Clay	7	
	15.5	29.5	Yellow Clay	9	
	29.5	96.0	Blue Clay	2	
	96.0	99.0	Sand, Gravel & Stones	21	
	99.0		Refusal		
Elev. Ex. Ground:			15.34'		
Depth Gr. Water:			7.0'		
362 G9	0.0	16.0	Fill	2	
	16.0	26.5	Silt & Shells	1	
	26.5	29.0	Blue Clay & fine Silt	9	
	29.0	41.0	Yellow Clay	7	
	41.0	77.0	Blue Clay	2	
	77.0	79.0	Sand	6	
	79.0	89.0	Sand, Gravel & Boulders	20	
	89.0	91.5	Sandy Shale	55	
	Elev. Ex. Ground:			-7.0'	
	Depth Gr. Water:			Not given	

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To		
363 G9	0.0	21.0	River Bed Silt	
	21.0	28.0	Silty Sand & Shells	1
	28.0	31.0	Blue Clay & fine Sand	7
	31.0	45.0	Yellow Clay	6
	45.0	92.5	Blue Clay & stratum fine Sand	2
92.5	101.0	Sand, Gravel & Boulders, some Shells	35	
Elev. Ex. Ground:			-18.5'	
Depth Gr. Water:			Not given	
364 G9	0.0	21.0	Silt	
	21.0	25.0	Silty Sand & Shells	3
	25.0	36.0	Yellow Clay	10
	36.0	50.0	Blue Clay, some fine Sand	5
	50.0	69.0	Blue Clay	3
69.0	79.0	Sand, Gravel	10	
79.0	101.0	Hard pan	40	
Elev. Ex. Ground:			-19'	
Depth Gr. Water:			Not given	
365 G9	0.0	10.5	Silt	
	10.5	20.5	Silt	1
	20.5	23.5	Blue Clay	6
	23.5	33.5	Yellow Clay	7
	33.5	78.5	Blue Clay	2
	78.5	86.5	Fine Sand, Gravel, Boulders	60
	86.5			
Elev. Ex. Ground:			-5.5'	
Depth Gr. Water:			Not given	
366 G9	0.0	22.5	Silt	
	22.5	32.5	Yellow Clay	4
	32.5	82.5	Blue Clay	2
	82.5	84.5	Sand	15
	84.5	101.5	Sand, Gravel, Clay & Shells	18
Elev. Ex. Ground:			-17.5'	
Depth Gr. Water:			Not given	
367 G9	0.0	4.7	Fill	
	4.7	8.7	Peaty Silt	4
	8.7	10.2	Blue Clay, Gravel	9
	10.2	19.7	Yellow Clay	14
	19.7	28.7	Blue Clay, trace Sand	6
	28.7	72.7	Fine Sand & little Clay	37
	72.7	82.2	Fine Sand, Gravel & trace Shells	60
Elev. Ex. Ground:			10.3'	
Depth Gr. Water:			Not given	
368 G9	0.0	8.5	Fill	
	8.5	14.5	Silt	1
	14.5	20.5	Yellow Clay	7
	20.5	50.5	Clay & stratum fine Sand	4
	50.5	80.5	Fine Sand	22
	80.5	95.5	Hard pan	54
Elev. Ex. Ground:			-3.5'	
Depth Gr. Water:			25'	

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
369 H8	0.0	— 13.5	Fill	8	376 H9	0.0	— 9.7	Fill			
	13.5	— 18.5	Silt & Peat	1		9.7	— 16.0	Silt, Sand			
	18.5	— 23.5	Silt, little Sand	2		16.0	— 17.7	Medium blue Clay			
	23.5	— 25.0	Blue Clay & Peat	5		17.7	— 19.7	Hard yellow Clay			
	25.0	— 27.0	Yellow & blue Clay	14		19.7	— 20.9	Yellow Clay, fine Sand			
	27.0	— 28.5	Yellow Clay & Sand	14		20.9	— 24.7	Hard yellow Clay			
	28.5	— 41.0	Yellow Clay	6		Elev. Ex. Ground: 9.2' (River Bed)					
	41.0	— 93.5	Blue Clay	3		Depth Gr. Water: Not given					
	93.5		Refusal			377 H9	0.0	— 5.5		Silty Sand	
	Elev. Ex. Ground: 21.9'						5.5	— 11.5		Medium yellow Clay, fine Sand	
Depth Gr. Water: 10.9'				11.5	— 19.0		Medium yellow Clay				
370 H8	0.0	— 15.5	Misc. Fill	8	Elev. Ex. Ground: -5.5' (River Bed)						
	15.5	— 24.0	Silt & Sand	1	Depth Gr. Water: Not given						
	24.0	— 28.5	Peat	5	378 H9	0.0	— 10.5		Fill		
	28.5	— 31.5	Yellow & blue Clay	16		10.5	— 25.7		Silt & little fine Sand		
	31.5	— 38.0	Yellow Clay	7		25.7	— 26.7		Medium blue Clay		
	38.0	— 95.5	Blue Clay	3	26.7	— 30.0	Hard yellow Clay				
	95.5		Refusal		Elev. Ex. Ground: 15.5'						
Elev. Ex. Ground: 23.5'				Depth Gr. Water: Not given							
Depth Gr. Water: 13.5'				379 G9	0.0	— 11.8	Fill				
371 G8	0.0	— 21.0	Fill		29	11.8	— 31.4		Silt & fine Sand		
	21.0	— 25.0	Yellow Clay		24	31.4	— 57.0		Stiff blue Clay		
	25.0	— 90.7	Blue Clay, fine Sand in stratum		87	Elev. Ex. Ground: 16'					
	90.7	— 98.3	Fine-coarse Sand, Clay, Gravel		75	Depth Gr. Water: Not given					
98.3		Refusal		380 G9	0.0	— 16.7	Fill				
Elev. Ex. Ground: 18'					16.7	— 37.0	Silt & fine Sand				
Depth Gr. Water: 15.3'					37.0	— 55.0	Medium blue Clay				
372 G8	0.0	— 16.7	Fill	9	Elev. Ex. Ground: 14'						
	16.7	— 24.0	Yellow Clay	19	Depth Gr. Water: Not given						
	24.0	— 87.4	Blue Clay	7	381 G9	0.0	— 15.7		Fill		
	87.4	— 93.7	Fine-coarse Sand, Gravel	40		15.7	— 25.0		Silt & Sand		
	93.7		Refusal			25.0	— 45.0		Stiff blue Clay		
Elev. Ex. Ground: 19'				Elev. Ex. Ground: 16'							
Depth Gr. Water: 14.3'				Depth Gr. Water: Not given							
373 G8	0.0	— 12.1	Fill	18	382 G8	0.0	— 3.5	Fill	8		
	12.1	— 19.0	Yellow Clay, fine Sand	16		3.5	— 20.0	Yellow Clay			
	19.0	— 30.0	Blue Clay	5		20.0	— 40.0	Blue Clay			
Elev. Ex. Ground: 19'				Elev. Ex. Ground: 6.5'							
Depth Gr. Water: Not given				Depth Gr. Water: Not given							
374 G8	0.0	— 14.5	Fill	26	383 G9	0.0	— 12.0	Fill			
	14.5	— 19.0	Yellow Clay	14		12.0	— 24.0	Soft Silt			
	19.0	— 30.0	Blue Clay	5		24.0	— 31.4	Blue Clay			
Elev. Ex. Ground: 20'				Elev. Ex. Ground: 16.33'							
Depth Gr. Water: Not given				Depth Gr. Water: 9.7'							
375 H9	0.0	— 23.5	Fill		384 G9	0.0	— 11.0	Fill			
	23.5	— 26.5	Peat			11.0	— 23.0	Soft Silt			
	26.5	— 27.5	Blue Clay			23.0	— 32.0	Hard blue Clay			
	27.5	— 35.0	Hard yellow Clay			Elev. Ex. Ground: 16.7'					
Elev. Ex. Ground: 15.5'				Depth Gr. Water: 8.2'							
Depth Gr. Water: 8.3'											

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
385 G9	0.0	12.5	Fill		393 G8	0.0	7.0	Fill	13		
	12.5	20.5	Soft Silt			7.0	10.0	Organic silty Sand & some Peat		3	
	20.5	29.0	Hard blue Clay			10.0	14.0	Peaty Silt		1	
	Elev. Ex. Ground: 9'					14.0	20.0	Organic Silt	1		
	Depth Gr. Water: 4' plus/minus					20.0	34.0	Yellow Clay	27		
						34.0	36.0	Blue Clay	5		
386 G8	0.0	4.0	Fill	10	Elev. Ex. Ground: 12.3'						
	4.0	6.5	Silty Sand	5	Depth Gr. Water: 14.0'						
	6.5	9.0	Silt & Shells	1	394 H10	0.0	12.0	Misc. Fill	14		
	9.0	15.5	Silt	2		12.0	17.0	Coarse Sand & Shells	11		
	15.5	20.0	Yellow Clay	20		17.0	20.0	Organic Silt & Shells	3		
	20.0	28.0	Sandy yellow Clay	9		20.0	30.0	Silty Peat	4		
	28.0	82.5	Blue Clay	8		30.0	70.0	Yellow Clay, stratum fine Sand	6		
	82.5	91.3	Fine Silty Sand	18		70.0	74.0	Sand	15		
	91.3	91.8	Sandy Clay & some fine Gravel			74.0	79.0	Cored Rock-Shale	Cored		
	91.8	96.8	Grey Shale	Cored		79.0	84.0	Cored Rock-Shale		Cored	
	Elev. Ex. Ground: 17'					Elev. Ex. Ground: Not given					
	Depth Gr. Water: 11.0'					Depth Gr. Water: 9.9'					
387 G8	0.0	6.4	Fill	9	395 O5	0.0	7.0	Fill			
	6.4	12.4	Sandy Clay & Gravel	9		7.0	15.0	Yellow Sand & Clay			
	12.4	15.0	Sandy organic Silt	3		15.0	22.0	Yellow Clay			
	15.0	28.8	Yellow Clay	19		22.0	30.0	Blue Clay			
	28.8	50.0	Blue Clay	7		Elev. Ex. Ground: 26'					
	Elev. Ex. Ground: 17'				Depth Gr. Water: Not given						
	Depth Gr. Water: 12.4'										
388 G8	0.0	7.0	Fill	21	396 O5	0.0	7.0	Fill			
	7.0	8.5	Peat	5		7.0	20.0	Fine silty Sand, Mud			
	8.5	32.0	Yellow Clay	12		20.0	30.0	Stiff blue Clay			
	32.0	51.5	Blue Clay	7		Elev. Ex. Ground: 26'					
		Elev. Ex. Ground: 16.4'					Depth Gr. Water: 7.0'				
	Depth Gr. Water: 14.0'										
389 G8	0.0	8.0	Fill	13	397 O5	0.0	8.0	Fill			
	8.0	16.0	Yellow Clay	18		8.0	20.0	Fine silty Sand			
	16.0	74.5	Blue Clay	6		20.0	30.0	Stiff blue Clay			
	Elev. Ex. Ground: 16'				Elev. Ex. Ground: 26'						
	Depth Gr. Water: 13.0'				Depth Gr. Water: Not given						
390 H8	0.0	18.5	Misc. Fill	11	398 O4	0.0	10.5	Fill	14		
	18.5	38.0	Peaty Silt	2		10.5	15.0	Fine Sand, Gravel & Clay		3	
	38.0	49.5	Yellow Clay	7		Elev. Ex. Ground: 97.40'					
	49.5	51.5	Blue Clay	4		Depth Gr. Water: Not given					
		Elev. Ex. Ground: 27.7'									
	Depth Gr. Water: 13.8'										
391 H8	0.0	10.0	Fill	22	399 O4	0.0	6.0	Misc. Fill	27		
	10.0	19.0	Peaty Silt	1		6.0	12.0	Sand, Gravel & Clay		25	
	19.0	38.0	Yellow Clay	12		12.0		Refusal			
	38.0	90.0	Blue Clay	5		Elev. Ex. Ground: Not given					
		Elev. Ex. Ground: 22.9'				Depth Gr. Water: Not given					
	Depth Gr. Water: 21.5'										
392 H8	0.0	14.0	Misc. Fill	28							
	14.0	32.0	Silty Peat	1							
	32.0	37.0	Yellow Clay	14							
	Elev. Ex. Ground: 18.8'										
	Depth Gr. Water: 11.5'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
400 P5	0.0	— 21.0	Fill		406 P5	0.0	— 5.5	Silt	
	21.0	— 33.0	Silt & fine Sand			5.5	— 19.0	Coarse Sand & fine Gravel	11
	33.0	— 48.5	Yellow Clay	16		19.0	— 29.5	Coarse Sand & coarse Gravel	24
	48.5	— 78.0	Blue Clay	3		29.5	— 34.5	Sand, Gravel & Clay	36
	78.0	— 81.0	Blue Clay & fine Gravel	24		34.5	— 36.0	Sand, Gravel & Clay Hard pan	51
	81.0	— 82.5	Sand, Gravel & Clay	47					
	Elev. Ex. Ground: 14.7'					Elev. Ex. Ground: -30.8'			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			
401 P5	0.0	— 2.5	Fill	6	407 P6	0.0	— 5.5	Silt	
	2.5	— 15.5	Silty Sand	3		5.5	— 19.5	Fine silty Sand	
	15.5	— 29.5	Yellow Clay	10		19.5	— 24.5	Coarse silty Sand	6
	29.5	— 50.5	Blue Clay, little fine Gravel	9		24.5	— 37.0	Coarse Sand & coarse Gravel	12
	50.5	— 82.5	Sand, little Clay	25		37.0	— 43.0	Coarse Sand, coarse Gravel & little Clay	16
	82.5	— 83.5	Sand, Gravel, little Clay	42		43.0	— 54.0	Sand, Gravel & Clay, Hard pan	47
	Elev. Ex. Ground: 1.8'					Elev. Ex. Ground: -13.4'			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			
402 P5	0.0	— 20.0	Silt & fine Sand	1	408 P5	0.0	— 17.0	Fill	
	20.0	— 44.0	Yellow Sand	11		17.0	— 30.5	Silt & fine Sand	
	44.0	— 46.0	Sand, Gravel & Clay	50		30.5	— 36.5	Coarse silty Sand & Gravel	11
	Elev. Ex. Ground: -8.4'					36.5	— 47.0	Yellow Clay	16
	Depth Gr. Water: Not given					47.0	— 64.5	Blue Clay	2
403 P5	0.0	— 15.5	Misc. Fill	15	64.5	— 71.5	Sand, Gravel & Clay	12	
	15.5	— 23.5	Silt, fine Sand & Shells	2	71.5	— 73.0	Sand, Gravel & Clay, Hard pan	58	
	23.5	— 34.0	Sand	12		Elev. Ex. Ground: 11.7'			
	34.0	— 70.5	Yellow Sand	25		Depth Gr. Water: Not given			
	70.5	— 72.0	Sand & Gravel, little Clay	56	409 P5	0.0	— 17.0	Fill	
	Elev. Ex. Ground: 14.8'			17.0		— 25.8	Silt & fine Sand		
	Depth Gr. Water: Not given			25.8		— 32.6	Sand, little fine Gravel	12	
404 P5	0.0	— 9.5	Fill	7		32.6	— 62.0	Yellow Clay	13
	9.5	— 19.2	Fine silty Sand	14		62.0	— 63.0	Sand, Gravel & Clay	57
	19.2	— 22.0	Yellow Clay	8		Elev. Ex. Ground: 14.7'			
	22.0	— 32.5	Fine Sand	38		Depth Gr. Water: Not given			
	32.5	— 45.0	Blue Clay, little fine Gravel	48	410 P5	0.0	— 14.5	Misc. Fill	
45.0	— 54.0	Sand, Gravel & Clay		14.5		— 16.0	Silty Sand & fine Gravel	7	
	Elev. Ex. Ground: 3.2'			16.0		— 26.5	Silt, little fine Sand		
	Depth Gr. Water: Not given			26.5		— 65.5	Sharp Sand	21	
405 P5	0.0	— 8.0	Silty Sand	3		65.5	— 68.0	Sand, coarse Gravel & Clay, Hard pan	55
	8.0	— 27.5	Blue Clay			Elev. Ex. Ground: Not given			
	27.5	— 39.5	Sand, Gravel & Clay	77		Depth Gr. Water: Not given			
	Elev. Ex. Ground: -36.7'					Depth Gr. Water: Not given			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
411 P5	0.0	— 9.5	Silt & fine Sand		417 O5	0.0	— 7.5	Fill	
	9.5	— 17.5	Yellow Clay	15		7.5	— 14.5	Sand, Gravel & Mud	
	17.5	— 21.0	Coarse Sand, coarse Gravel & Clay	23		14.5	— 16.5	Sand, Gravel & Rock	12
	21.0	— 24.0	Sand, fine Gravel & Clay, Hard pan	77		16.5	— 21.0	Clay	15
	24.0	— 27.5	Cemented Sand, coarse Gravel & Clay, Hard pan	79		Elev. Ex. Ground: 9.5'		Depth Gr. Water: Not given	
Elev. Ex. Ground: -20.7'					418 O5				
Depth Gr. Water: Not given					0.0	— 8.0	Fill		
412 P5	0.0	— 4.5	Silt		8.0	— 12.0	Sand & Gravel & Mud		
	4.5	— 17.5	Silty Sand & Shells		12.0	— 15.0	Sand & Mud	4	
	17.5	— 23.0	Coarse Sand & Gravel	14	15.0	— 19.0	Clay	8	15
	23.0	— 29.0	Blue Clay	11	Elev. Ex. Ground: 8.5'		Depth Gr. Water: Not given		
	29.0	— 37.0	Sand, little Clay	7	419 N5	0.0	— 11.0	Fill	
	37.0	— 42.5	Clay, Sand, little fine Gravel	22		11.0	— 14.0	Sand, some Gravel, trace Silt	34
	42.5	— 51.5	Sand & Clay	31		14.0	— 18.5	Sand, Clay, some Gravel	28
51.5	— 55.0	Sand, Gravel & Clay, Hard pan	51	18.5		— 21.0	Clay, Sand, fine Gravel	14	
Elev. Ex. Ground: -18.2'						21.0	— 65.0	Blue Clay, fine Sand, Gravel & some Boulders	12
Depth Gr. Water: Not given					Elev. Ex. Ground: 25.0'		Depth Gr. Water: Not given		
413 P5	0.0	— 6.5	Silt		420 F5	0.0	— 9.5	Fill	28
	6.5	— 9.0	Coarse Sand & Gravel	13		9.5	— 30.0	Silt & Shells	1
	9.0	— 31.0	Sand, Gravel & Clay	35		30.0	— 31.0	Silt, Shells & Peat	1
Elev. Ex. Ground: -35.0'					31.0	— 35.0	Blue Clay	14	
Depth Gr. Water: Not given					35.0	— 39.0	Yellow Clay	24	
414 P5	0.0	— 8.5	Silt		39.0	— 61.5	Medium blue Clay, little Silt	3	
	8.5	— 27.5	Blue Clay & fine Sand	10	Elev. Ex. Ground: 102.7'		Depth Gr. Water: 4.0'		
	27.5	— 47.0	Sharp Sand	11	421 F5	0.0	— 16.0	Fill	6
	47.0	— 52.5	Sand, Gravel & Clay	44		16.0	— 34.0	Very loose Silt, little Sand, trace Shells	1
Elev. Ex. Ground: -24.8'						34.0	— 43.5	Blue Clay, little Sand	17
Depth Gr. Water: Not given						43.5	— 66.5	Medium blue Clay, little Sand & Gravel	4
415 P5	0.0	— 3.5	Silt		Elev. Ex. Ground: 105.6'		Depth Gr. Water: 8.0'		
	3.5	— 7.5	Coarse Sand, coarse Gravel, little Clay		422 F6	0.0	— 5.0	Fill	20
	7.5	— 18.0	Sharp Sand	12		5.0	— 7.0	Sand & Gravel	46
	18.0	— 39.0	Fine Sand	13		7.0	— 26.5	Very loose Silt	1
	39.0	— 42.0	Sand, Gravel & Clay	28		26.5	— 30.0	Blue Clay, little Sand	10
42.0	— 43.5	Hard pan	54	30.0		— 34.0	Blue Clay	11	
Elev. Ex. Ground: -29.5'					34.0	— 40.5	Medium blue Clay, little Sand	4	
Depth Gr. Water: Not given					40.5	— 50.5	Medium Sand, Gravel, Clay, Boulders	14	
416 N5	0.0	— 10.0	Misc. Fill	24	50.5	— 71.5	Medium blue Clay	3	
	10.0	— 15.0	Sand & Boulders	54	Elev. Ex. Ground: 101.8'		Depth Gr. Water: 3.0'		
	15.0		Refusal — Rock or Boulders						
Elev. Ex. Ground: 25'									
Depth Gr. Water: Not given									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
423 F6	0.0	10.0	Fill	4	429	0.0	5.5	Fill	17	
	10.0	18.0	Loose fine Sand	2	G7	5.5	17.0	Yellow Clay, stratum Gravel	10	
	18.0	22.0	Loose Sand & Gravel & Silt	3		17.0	41.5	Blue Clay	5	
	22.0	43.0	Loose Silt, trace Shells	2	Elev. Ex. Ground: 100.0'					
	43.0	75.0	Blue Clay & little Sand	4	Depth Gr. Water: 1.0'					
Elev. Ex. Ground: 117.8'					430	0.0	20.0	Misc. Fill	7	
Depth Gr. Water: 15.0'					H7	20.0	34.0	Yellow Clay	16	
				34.0		56.5	Blue Clay	5		
424 G6	0.0	8.5	Fill	16	Elev. Ex. Ground: 119.0'					
	8.5	28.0	Silt, trace Shells	1	Depth Gr. Water: 20.0'					
	28.0	38.0	Blue Clay, little Sand, Gravel	18	431	0.0	17.5	Misc. Fill	7	
	38.0	61.5	Medium blue Clay, little Sand	3	F5	17.5	34.0	Silt, some Shells, trace Peat	2	
	Elev. Ex. Ground: 100.0'					34.0	51.5	Medium Blue Clay, little Sand	7	
Depth Gr. Water: 1.5'				Elev. Ex. Ground: 107.85'						
				Depth Gr. Water: 12.0'						
425 G6	0.0	25.0	Misc. Fill	5	432 F5	0.0	18.5	Misc. Fill	6	
	25.0	30.0	Silt, Sand, Gravel & Boulders	41		18.5	36.0	Silty Sand & some Shells	2	
	30.0	40.0	Silty Sand	3		36.0	45.0	Yellow Clay	11	
	40.0	45.5	Peaty Silt	6		45.0	56.5	Medium blue Clay	4	
	45.5	52.5	Blue Clay	12	Elev. Ex. Ground: 108.9'					
	52.5	76.5	Blue Clay, little fine Sand	5	Depth Gr. Water: Not given					
	Elev. Ex. Ground: 117.09'				433	0.0	14.0	Fill	10	
Depth Gr. Water: 17.5'				G6	14.0	35.0	Sand & some Shells	2		
426 G7	0.0	3.5	Fill			35.0	40.0	Peat	9	
	3.5	28.0	Silt, little Shells		1	40.0	51.5	Blue Clay, some fine Sand	9	
	28.0	40.0	Blue Clay		8	Elev. Ex. Ground: 104.0'				
	40.0	56.5	Blue Clay, stratum coarse Gravel	6	Depth Gr. Water: 3.5'					
Elev. Ex. Ground: 98.8'				434	0.0	28.4	Fill			
Depth Gr. Water: 1.0'				19	28.4	48.0	Silt & fine Sand			
427 G7	0.0	22.0	Fill		7	48.0	76.5	Blue Clay		
	22.0	30.0	Silt, Sand		3	76.5	87.0	Sand, little Clay & little Gravel	24	
	30.0	38.5	Silt, little Sand, trace Shells		2	87.0	93.0	Clay, Sand, little coarse Gravel	14	
	38.5	42.5	Peat		5	93.0	113.0	Rock		
	42.5	50.0	Blue Clay		10	Elev. Ex. Ground: 24.43'				
	50.0	55.0	Yellow Clay, little Sand	10	Depth Gr. Water: Not given					
55.0	81.5	Blue Clay	5	435	0.0	31.2	Fill			
Elev. Ex. Ground: 116.2'				J9	31.2	38.75	Silt & fine Sand			
Depth Gr. Water: 18.0'					38.75	52.7	Yellow Clay			
428 G7	0.0	15.0	Fill		2	52.7	70.0	Blue Clay		
	15.0	21.0	Clay & Sand		9	70.0	73.5	Sand, Gravel, little Clay	31	
	21.0	25.0	Silt, trace Peat		3	73.5	74.5	Coarse Sand	28	
	25.0	38.0	Silt, trace Shells		3	74.5	80.0	Fine Sand, little Gravel & Clay	48	
	38.0	40.0	Sand		18	80.0	83.6	Coarse Sand & little Gravel	38	
	40.0	50.0	Yellow Clay		12	83.6	85.0	Fine Sand	155	
	50.0	95.0	Medium blue Clay		4	85.0	96.0	Sand & Gravel, little Clay, Boulders, Hard pan		
	95.0	125.0	Medium blue Clay, stratum fine Sand		20	96.0	111.0	Soft Rock		
	125.0	126.0	Rock, Sand, Gravel, Boulders			Elev. Ex. Ground: 24.25'				
	Elev. Ex. Ground: 116.0'					Depth Gr. Water: Not given				
	Depth Gr. Water: 27.5'									

BOSTON PENINSULA

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No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
436 J9	0.0	— 35.5	Fill		442 G6	0.0	— 9.0	Misc. Fill	7
	35.5	— 37.0	Blue Clay			9.0	— 29.5	Silt & some Shells	1
	37.0	— 47.5	Yellow Clay			29.5	— 46.5	Blue Clay & little Sand	4
	47.5	— 65.5	Blue Clay		Elev. Ex. Ground: 101.85'		Depth Gr. Water: Not given		
	65.5	— 79.0	Sand, coarse Gravel, little Clay, Hard pan		443 19	0.0	— 23.0	Misc. Fill	14
	79.0	— 93.0	Sand, little Clay, little Gravel, Hard pan		23.0	— 51.0	Sandy organic Silt & Shells	4	
	93.0	— 114.0	Rock		51.0	— 93.0	Blue Clay	6	
Elev. Ex. Ground: 24.21'					93.0	— 106.0	Fine-medium Sand, some fine-medium Gravel, little Clay	20	
Depth Gr. Water: Not given					106.0	— 118.0	Hard pan	118	
437 J9	0.0	— 27.0	Fill		118.0	— 121.0	Shale	225	
	27.0	— 29.5	Sand, little Clay		121.0	— 131.0	Shale	Cored	
	29.5	— 42.0	Blue Clay, little fine Sand		Elev. Ex. Ground: 22.0'		Depth Gr. Water: 15.0'		
	42.0	— 60.25	Blue Clay		444 19	0.0	— 22.0	Misc. Fill	10
	60.25	— 69.5	Blue Clay, Sand, fine Gravel	6	22.0	— 33.5	Sandy organic Silt & Shells	5	
69.5	— 88.0	Sand, coarse Gravel, little Clay, Boulders, Hard pan	49	33.5	— 35.0	Blue Clay	9		
88.0	— 117.0	Rock		35.0	— 43.0	Sandy yellow Clay	22		
Elev. Ex. Ground: 24.29'					43.0	— 50.0	Yellow Clay	11	
Depth Gr. Water: Not given					50.0	— 99.5	Blue Clay	6	
438 J9	0.0	— 28.5	Fill		99.5	— 107.0	Sand, some Gravel & Clay	39	
	28.5	— 32.7	Yellow Clay, little fine Sand		107.0	— 111.0	Sand, Gravel & Clay	190	
	32.7	— 67.25	Blue Clay		111.0	— 116.0	Hard pan	310	
	67.25	— 76.7	Sand, Gravel & Clay	31	116.0	— 126.0	Shale	Cored	
	76.7	— 105.0	Rock		Elev. Ex. Ground: 21.0'		Depth Gr. Water: Not given		
Elev. Ex. Ground: 20.56'					445 19	0.0	— 8.0	Misc. Fill	
Depth Gr. Water: Not given					8.0	— 34.5	Sandy organic Silt	4	
439 J9	0.0	— 28.7	Fill		34.5	— 43.5	Yellow Clay	17	
	28.7	— 38.0	Silt & fine Sand		43.5	— 68.5	Blue Clay	6	
	38.0	— 53.3	Blue Clay, little fine Sand		68.5	— 85.0	Coarse Sand, Gravel & Clay	19	
	53.3	— 67.7	Blue Clay	28	85.0	— 105.0	Hard pan	80	
	67.7	— 74.3	Sand & Gravel	84	105.0	— 115.0	Shale	Cored	
74.3	— 92.5	Sand & Gravel		Elev. Ex. Ground: 9.0'		Depth Gr. Water: Not given			
92.5	— 109.0	Rock		446 19	0.0	— 20.0	Misc. Fill	6	
Elev. Ex. Ground: 19.25'					20.0	— 21.0	Wood	Cored	
Depth Gr. Water: Not given					21.0	— 26.0	Organic Silt & Shells	7	
440 J9	0.0	— 20.25	Fill		26.0	— 47.0	Sandy organic Sand & Shells	13	
	20.25	— 34.25	Silt & Shells		47.0	— 87.0	Blue Clay	2	
	34.25	— 56.75	Blue Clay		87.0	— 92.0	Coarse Sand, Clay, Gravel	75	
	56.75	— 65.25	Sand, little fine Gravel	26	92.0	— 101.0	Hard pan	124	
	65.25	— 88.75	Sand, Gravel, Boulders, little Clay, Hard pan	84	101.0	— 111.0	Shale	Cored	
88.75	— 102.0	Rock		Elev. Ex. Ground: 20.5'		Depth Gr. Water: 11.0'			
Elev. Ex. Ground: 12.49'					441 19	0.0	— 30.7	Fill	
Depth Gr. Water: Not given						30.7	— 34.2	Silt	
441 19	0.0	— 30.7	Fill			34.2	— 52.75	Fine silty Sand	
	30.7	— 34.2	Silt			52.75	— 71.7	Blue Clay	
	34.2	— 52.75	Fine silty Sand			71.7	— 90.0	Sand, Gravel, little Clay, Hard pan	38
	52.75	— 71.7	Blue Clay		90.0	— 102.0	Rock		
	71.7	— 90.0	Sand, Gravel, little Clay, Hard pan	38	Elev. Ex. Ground: 23.00'		Depth Gr. Water: Not given		
90.0	— 102.0	Rock							
Elev. Ex. Ground: 23.00'									
Depth Gr. Water: Not given									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
447 19	0.0	— 19.0	Fill	20	452 H7	0.0	— 11.0	Fill	4
	19.0	— 46.0	Sandy organic Silt, Wood	5		11.0	— 22.0	Yellow Clay, trace Sand	6
	46.0	— 47.5	Silty Sand	23		22.0	— 73.0	Medium blue Clay, trace Sand	3
	47.5	— 68.0	Blue Clay	18		73.0	— 78.0	Fine Sand, Gravel, Clay & Stones	28
	68.0	— 88.0	Sand, some Clay & Gravel	39	Elev. Ex. Ground: 16.7'		Depth Gr. Water: Not given		
	88.0	— 91.5	Sand, Clay & Shale fragments	50	453 G6	0.0	— 15.5	Misc. Fill	12
	91.5	— 102.0	Shale	Cored		15.5	— 30.0	Silt, trace Shells	1
Elev. Ex. Ground: 21.0'		Depth Gr. Water: 11.2'		30.0		— 34.0	Silt, trace Peat & Shells	1	
448 19	0.0	— 15.0	Fill	5	34.0	— 51.5	Medium blue Clay & little Sand	5	
	15.0	— 18.0	Organic sandy Silt & Peat	3	Elev. Ex. Ground: 107.05'		Depth Gr. Water: 10.0'		
	18.0	— 40.0	Sandy organic silt & Shells	3	454 H8	0.0	— 18.0	Misc. Fill	14
	40.0	— 54.0	Yellow & blue Clay	13		18.0	— 28.0	Yellow Clay, trace Sand	6
	54.0	— 78.5	Blue Clay	7		28.0	— 42.0	Blue Clay, trace Sand	2
	78.5	— 97.5	Shale	80		Elev. Ex. Ground: 16.2'		Depth Gr. Water: Not given	
	97.5	— 107.5	Shale	Cored	455 H8	0.0	— 5.3	Fill	2
Elev. Ex. Ground: 18.0'		Depth Gr. Water: 9.0'		5.3		— 11.5	Silt, Gravel, Peat	2	
449 19	0.0	— 18.5	Misc. Fill	10		11.5	— 18.0	Peat, Gravel, trace Silt	3
	18.5	— 38.0	Sandy organic Silt, little Peat & Shells	6		18.0	— 27.0	Yellow Clay	8
	38.0	— 46.0	Sandy organic Silt, Wood & little Shells	19		27.0	— 32.0	Yellow Clay, fine Sand, trace blue Clay	2
	46.0	— 51	Blue Clay, trace Peat & Shells	22		32.0	— 42.0	Blue Clay	2
	51	— 83	Blue Clay	6		Elev. Ex. Ground: 4.0'		Depth Gr. Water: Not given	
	83	— 86.5	Sand, Gravel & Clay - Till	60	456 H9	0.0	— 32.0	Misc. Fill	20
	86.5	— 104.5	Sand, Clay & Gravel	55		32.0	— 45.0	Organic silty Clay	18
104.5	— 120.0	Shale	Cored	45.0		— 70.0	Yellow Clay	17	
Elev. Ex. Ground: 18.9'		Depth Gr. Water: 12.0'		70.0		— 85.0	Blue Clay	6	
450 J9	0.0	— 20.0	Misc. Fill	13		85.0	— 100.0	Sandy blue Clay	6
	20.0	— 25.0	Sandy organic Silt, Shells & Wood	10		100.0	— 110.0	Blue Clay	5
	25.0	— 50.0	Sandy organic Silt & Shells	6		110.0	— 115.0	Sand, Clay, Gravel	12
	50.0	— 81.0	Blue Clay	7	115.0	— 125.0	Sand, Clay, Gravel	47	
	81.0	— 85.0	Sand & Clay	21	125.0	— 140.0	Shale	Cored	
	85.0	— 90.0	Sand, Gravel & Clay	33	Elev. Ex. Ground: 22.0'		Depth Gr. Water: 11.5'		
	90.0	— 93.0	Hard pan	66	457 H9	0.0	— 23.0	Misc. Fill	28
93.0	— 107.5	Shale	Cored	23.0		— 28.0	Sandy organic Silt & Wood	3	
Elev. Ex. Ground: 18.0'		Depth Gr. Water: 9.5'		28.0		— 40.0	Sandy organic Silt	5	
451 19	0.0	— 28.0	Misc. Fill	10		40.0	— 58.0	Yellow Clay	10
	28.0	— 43.0	Sandy Silt & trace Shells	3		58.0	— 113.0	Blue Clay	4
	43.0	— 44.0	Silty Peat	4		113.0	— 123.0	Sand, Clay & Gravel	37
	44.0	— 49.0	Silty Clay & Peat	9		123.0	— 126.5	Shale	63
	49.0	— 53.0	Yellow & blue Clay	16	126.5	— 166.5	Shale	Cored	
	53.0	— 59.5	Blue Clay	8	Elev. Ex. Ground: 20.4'		Depth Gr. Water: 10.1'		
	Elev. Ex. Ground: 24.2'		Depth Gr. Water: 15.0'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
458 N6	0.0	22.5	Fill		465	0.0	14.0	Fill	
	22.5	33.17	Sand, Gravel & Clay		M7	14.0	24.0	Shells, Sand, Silt	
	33.17	40.7	Hard Sand & Gravel			24.0	29.0	Yellow Clay	
	Elev. Ex. Ground: 15.25'					29.0	58.0	Stiff blue Clay	
	Depth Gr. Water: Not given					58.0	62.0	Fine Sand	
459 N6	0.0	10.3	Fill			62.0	101.0	Stiff blue Clay	
	10.3	13.5	Hard yellow Clay			101.0	104.0	Boulders	
	13.5	20.25	Medium blue Clay, Sand, coarse Gravel			104.0	105.0	Sand	
	20.25	26.5	Firm Sand, little Gravel			105.0	107.0	Boulders	
	26.5	36.75	Hard blue Clay, little fine Gravel			107.0	114.0	Sand	
	Elev. Ex. Ground: 19.2'				114.0	120.0	Sand, Gravel, Clay		
	Depth Gr. Water: Not given				120.0	137.0	Hard Clay		
460 N6	0.0	0.5	Fill			137.0	141.0	Rock	
	0.5	5.0	Soft Silt			Elev. Ex. Ground: 15.5'			
	5.0	6.33	Soft blue Clay			Depth Gr. Water: Not given			
	6.33	13.7	Hard yellow Clay		466	0.0	18.0	Fill	
	13.7	23.0	Soft blue Clay		M7	18.0	26.0	Sand & Shells	
	23.0	33.0	Soft-medium blue Clay, little Sand & Gravel			26.0	31.0	Yellow Clay	
	33.0	36.0	Hard blue Clay & Sand, little Gravel			31.0	47.0	Blue Clay	
		Elev. Ex. Ground: 10.75'				47.0	94.0	Blue Clay, little fine Sand	
		Depth Gr. Water: Not given				94.0	95.0	Gravel	
						95.0	96	Boulders	
461 N7	0.0	20.0	Fill		96	100.0	Boulders & Clay		
	20.0	31.0	Hard Clay		100.0	107.0	Soft Clay		
		Elev. Ex. Ground: 15.0'			107.0	109.0	Hard Clay		
	Depth Gr. Water: Not given			109.0	114.0	Boulders			
462 N6	0.0	17.0	Fill		114.0	116.0	Rock		
	17.0	24.0	Clay, Sand & Rock		Elev. Ex. Ground: 15.5'				
	24.0	30.0	Hard Clay		Depth Gr. Water: Not given				
	Elev. Ex. Ground: 14.7'			467	0.0	17.0	Misc. Fill	15	
	Depth Gr. Water: Not given			M6	17.0	79.0	Sandy Clay	5	
463 M7	0.0	15.0	Fill		79.0	109.0	Fine Sand & trace Clay	8	
	15.0	27.0	Sand & Shells		Elev. Ex. Ground: 9.5'				
	27.0	32.0	Hard yellow Clay		Depth Gr. Water: 12.8'				
	32.0	63.0	Stiff yellow Clay	468	0.0	10.0	Misc. Fill		
		Elev. Ex. Ground: 15.5'		L6	10.0	12.0	Concrete		
	Depth Gr. Water: Not given			12.0	26.0	Gravel & Sand, little Silt	127		
464 M7	0.0	18.0	Fill		26.0	34.0	Sand, fine Gravel, trace Silt	47	
	18.0	24.0	Silty Sand & Shells		34.0	37.6	Clay, little Gravel & Sand	24	
	24.0	30.0	Soft yellow Clay		37.6	44.0	Fine Sand, fine Gravel, Clay & Sand	49	
	30.0	53.0	Fine Sand		44.0	69.0	Gravel & Sand, little Sand, Clay & Boulders	72	
	53.0	58.0	Fine Sand, little Clay		69.0	73.0	Till & Boulders	Cored	
58.0	100.0	Blue Clay, little Sand		73.0	103.0	Rock			
	100.0	101.0	Sand & Gravel		Elev. Ex. Ground: Not given				
	101.0	103.0	Boulders		Depth Gr. Water: Not given				
	Elev. Ex. Ground: 15.5'			469	0.0	16.5	Misc. Fill	5	
	Depth Gr. Water: Not given			M6	16.5	24.0	Sandy yellow Clay	8	
					24.0	60.0	Blue Clay	6	
					60.0	88.0	Sandy Clay	16	
					88.0	91.0	Sand & Gravel Refusal	61	
					91.0				
	Elev. Ex. Ground: 10.0'				Elev. Ex. Ground: 10.0'				
	Depth Gr. Water: Not given				Depth Gr. Water: 17.2'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
470 M6	0.0	— 0.5	Asphalt	31	475	0.0	— 0.5	Asphalt & Concrete	93			
	0.5	— 18.5	Fill		L6	0.5	— 9.0	Fill				
	18.5	— 19.5	Wood			9.0	— 10.0	Concrete				
	19.5	— 24.0	Blue Clay & little fine Sand		13	10.0	— 23.5	Yellow silty Clay		3		
	24.0	— 71.0	Sandy Clay		6	23.5	— 45.0	Blue Clay		3		
	71.0	— 73.0	Sand & Gravel			45.0	— 50.0	Clayey fine Sand, little fine Gravel		10		
	73.0	—	Refusal			50.0	— 61.5	Coarse Gravel & Stones, fine Sand, Till				
Elev. Ex. Ground: Not given				Elev. Ex. Ground: Not given								
Depth Gr. Water: 8.6'				Depth Gr. Water: Not given								
471 L6	0.0	— 15.0	Fill	33	476	0.0	— 0.3	Concrete	8			
	15.0	— 18.0	Sand, Gravel, little Clay		M6	0.3	— 10.0	Fill				
	18.0	— 22.0	Sand, some Gravel		29	10.0	— 24.0	Yellow & blue Clay		8		
	22.0	— 30.0	Clay, some Sand & Gravel		46	24.0	— 61.5	Blue Clay, trace Silt		3		
	30.0	— 34.0	Sand, some Clay & Gravel		38	61.5	— 75.0	Clayey Silt, little fine Gravel & Sand Till		10		
	34.0	— 40.0	Clay, Sand, Gravel & Stones		44	75.0	— 76.5	Argillite		78		
	40.0	— 44.0	Clay, Sand & Gravel		50	76.5	— 78.0	Rock		Cored		
	44.0	— 44.75	Boulders		Cored	Elev. Ex. Ground: Not given						
	44.75	— 54.0	Blue Clay, Sand & Gravel		40	Depth Gr. Water: Not given						
	54.0	— 63.0	Blue Clay & Shale, Sand & Gravel		105	477	0.0	— 2.5		Stone Pavement	12	
	63.0	— 70.0	Rock		Cored	L6	2.5	— 8.0		Yellow Clay, little coarse Sand, trace fine Gravel		
	70.0	— 142.0	Mudstone		Cored		8.0	— 13.0		Blue Clay, trace fine Gravel		3
	Elev. Ex. Ground: Not given						13.0	— 44.0		Blue Clay, coarse Sand, fine Gravel		15
Depth Gr. Water: Not given					44.0	— 54.0	Silt, little Gravel	36				
472 L6	0.0	— 18.0	Yellow Clay, Gravel & Sand	8	54.0	— 64.0	Gravel, blue Clay, fine Gravel, coarse Sand, Rock	31				
	18.0	— 29.5	Sand, some Gravel & Clay	8	64.0	— 68.0	Argillite	Cored				
	29.5	— 44.0	Blue Clay, Gravel, little fine Sand	31	Elev. Ex. Ground: Not given							
	44.0	— 55.0	Sand & Clay, Gravel & Stones	27	Depth Gr. Water: Not given							
	55.0	— 69.0	Fine Sand & Clay, little fine Gravel	43	478	0.0	— 0.5	Concrete Pavement	5			
	69.0	— 202.0	Mudstone	Cored	L6	0.5	— 13.0	Fill				
	Elev. Ex. Ground: Not given					13.0	— 15.0	Yellow Clay		17		
Depth Gr. Water: Not given					15.0	— 35.0	Blue Clay	44				
473 L6	0.0	— 36.5	Sand, some Gravel little Clay	40	35.0	— 43.0	Clayey Silt, trace fine Gravel	70				
	36.5	— 57.0	Sandy Clay	11	43.0	— 60.0	Fine Gravel, blue sandy Clay	44				
	57.0	— 80.0	Sand, some Clay, Gravel & Till	57	60.0	— 64.0	Fine Sand, Silt, fine Gravel, Rock	40				
	80.0	— 122.0	Mudstone	Cored	64.0	— 84.0	Sandy Argillite	Cored				
Elev. Ex. Ground: Not given				Elev. Ex. Ground: Not given								
Depth Gr. Water: Not given				Depth Gr. Water: Not given								
474 L6	0.0	— 24.0	Sand, Gravel & Clay	7								
	24.0	— 33.5	Blue Clay, Sand & Gravel	8								
	33.5	— 38.0	Sand & Gravel & Clay	19								
	38.0	— 48.5	Blue Clay, Sand	17								
	48.5	— 70.0	Sand, Gravel & Till	40								
	70.0	— 99.5	Rock	Cored								
Elev. Ex. Ground: Not given												
Depth Gr. Water: Not given												

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
479 M7	0.0	0.3	Concrete		484 M7	0.0	24.0	Misc. Fill	12	
	0.3	12.0	Fill	5		24.0	27.0	Organic Silt & Shells	3	
	12.0	26.0	Organic Silt	3		27.0	39.0	Yellow Clay	28	
	26.0	27.5	Peat	5		39.0	64.5	Blue Clay	12	
	27.5	30.0	Blue Clay	14		64.5	75.0	Fine Sand	13	
	30.0	44.0	Yellow Clay	20		75.0	89.8	Shale	28	
	44.0	75.0	Blue Clay	8		89.8	104.8	Shale	Cored	
	75.0	80.0	Sandy blue Clay	21				Elev. Ex. Ground:	Not given	
	80.0	90.0	Sand, Gravel, Clay	48				Depth Gr. Water:	Not given	
	90.0	94.0	Sandy Clay, fine Gravel	58		485 N6	0.0	2.5	Fill	11
	94.0	101.0	Fine Sand, coarse Gravel & Boulders	129			2.5	11.0	Yellow Clay, trace Gravel	19
	101.0	101.5	Shale	100			11.0	21.0	Fine Sand & Clay, Gravel	16
	101.5	116.5	Rock - Shale	Cored			21.0	30.0	Blue Clay, trace fine Sand	9
			Elev. Ex. Ground:	15.5'					Elev. Ex. Ground:	92.89'
			Depth Gr. Water:	12.0'				Depth Gr. Water:	2.6'	
480 M7	0.0	0.5	Concrete		486 M6	0.0	15.0	Misc. Fill	7	
	0.5	22.0	Misc. Fill	10		15.0	33.5	Clay, trace Sand & Gravel	12	
	22.0	25.0	Peaty organic Silt	4		33.5	62.0	Clay, trace Silt	6	
	25.0	27.0	Silty Clay & little Peat	8				Elev. Ex. Ground:	21.15'	
	27.0	38.0	Yellow Clay	16				Depth Gr. Water:	8' plus/minus	
	38.0	71.0	Blue Clay	7		487 M6	0.0	10.0	Fill	9
	71.0	74.0	Fine Sand, Clay, some Gravel	18			10.0	16.5	Sand, trace Silt	17
	74.0	87.5	Fine Sand, Gravel, little Clay	131			16.5	35.0	Silty clayey Sand	14
	87.5	90.0	Soft Rock	241			35.0	54.0	Clay, trace Silt	8
	90.0	120.0	Shale	Cored			54.0	57.0	Silty clayey Sand	17
		Elev. Ex. Ground:	16'	57.0	76.0		Clay, Sand, Gravel, Shale fragments	60		
		Depth Gr. Water:	11.0'	76.0	86.0	Rock	Cored			
481 L6	0.0	11.5	Misc. Fill	37			Elev. Ex. Ground:	17.72'		
	11.5	16.0	Brick, Clayey Silt, fine Sand	39			Depth Gr. Water:	10.0'		
	16.0	47.0	Silt, Clay	12	488 M6	0.0	10.0	Fill	14	
	47.0	60.0	Sand, trace Silt & Clay	212		10.0	15.0	Clay, trace Silt, fine Sand & Lenses	20	
		Elev. Ex. Ground:	25.6'	15.0		25.0	Clayey Sand, trace Gravel, little Silt	18		
		Depth Gr. Water:	Not given	25.0		46.5	Clay, trace Silt	6		
482 M7	0.0	7.0	Fill	12	46.5	56.5	Clay, Sand lenses	40		
	7.0	8.5	Concrete	Cored			Elev. Ex. Ground:	16.09'		
	8.5	16.5	Misc. Fill	40			Depth Gr. Water:	10.0'		
	16.5	29.0	Organic Silt	3	489 M6	0.0	2.5	Stones & Concrete	18	
	29.0	81.5	Blue Clay	8		2.5	7.5	Misc. Fill	14	
	81.5	96.0	Fine Sand, Clay, Gravel	64		7.5	24.0	Sand, some Clay & Silt	14	
	96.0	98.0	Shale	10		24.0	50.0	Clay, trace fine Sand	60	
	98.0	113.0	Rock	Cored		50.0	69.0	Clay, fine Gravel, trace Sand	60	
			Elev. Ex. Ground:	15.3'	69.0	82.0	Schist, Shale, Rock	60		
		Depth Gr. Water:	7.0'	82.0	92.0	Rock	Cored			
483 M7	0.0	0.4	Concrete				Elev. Ex. Ground:	14.81'		
	0.4	14.0	Misc. Fill	4			Depth Gr. Water:	7.5'		
	14.0	28.0	Organic Silt	4						
	28.0	42.9	Yellow Clay	32						
	42.9	81.9	Blue Clay	7						
	81.9	94.0	Sand & little Gravel	41						
	94.0	109.0	Shale	42						
109.0	124.0	Shale	Cored							
		Elev. Ex. Ground:	Not given							
		Depth Gr. Water:	Not given							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
490 N4	0.0	9.0	Misc. Fill Fine Sand, Gravel, Boulder Refusal	43	497 L2	0.0	35.0	Fill Fine silty Sand, Shells	6		
	9.0	20.0				35.0	43.0				
	Elev. Ex. Ground: 18.80'					43.0	49.0	Silty Sand, little Gravel, Peat	2		
	Depth Gr. Water: 8.5'					49.0	56.0	Clay, Sand, Gravel	22		
491 N4	0.0	21.5	Fill Fine silty Sand & Shells Sand, fine Gravel Blue Clay, little fine Sand Yellow Clay	4		56.0	63.0	Blue Clay	7		
	21.5	25.0				Elev. Ex. Ground: 22.0'		Depth Gr. Water: Not given			
	25.0	27.6				498 L2	0.0	37.0	Fill Clay, Sand, Gravel Yellow Clay Blue Clay	9 13 5	
	27.6	30.0					37.0	39.0			
	30.0	35.0					39.0	42.5			42.5
	Elev. Ex. Ground: 17.0'				Elev. Ex. Ground: 17.5'		Depth Gr. Water: Not given				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given						
492 M4	0.0	15.5	Fill Silty Sand Stiff blue Clay	9	499 L2	0.0	35.5	Fill Clay, Sand, Gravel & Boulders Yellow Clay Blue Clay	21 15		
	15.5	49.8				35.5	36.5				
	49.8	59.0				36.5	44.0			44.0	46.5
	Elev. Ex. Ground: 15.87'				Elev. Ex. Ground: 14.0'		Depth Gr. Water: Not given				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given						
493 M4	0.0	23.6	Fill Silt, little fine Sand Sand, Gravel, little Clay Stiff blue Clay	20	500 L2	0.0	8.0	Fill Silty Sand, Slate fragments & Gravel Sandy silty Clay, some Slate fragments Clayey Sand, Slate fragments Slate	2 8		
	23.6	49.4				8.0	13.0				
	49.4	51.6				13.0	18.0				
	51.6	57.0				18.0	22.0			22.0	24.0
	Elev. Ex. Ground: 16.73'				Elev. Ex. Ground: 16.0'		Depth Gr. Water: Not given				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given						
494 M4	0.0	21.6	Fill Fine silty Sand Coarse Sand & Gravel, Clay Medium blue Clay	18	501 L2	0.0	10.0	Fill Gravel & Peat, fine sandy Silt Silty clayey Sand Slate, layers silty Clay Silty Clay & Slate fragments Layers silty Clay Slate	4 16 72 200 100		
	21.6	48.6				10.0	11.0				
	48.6	51.8				11.0	15.0			15.0	17.0
	51.8	57.0				17.0	20.0			20.0	25.0
	Elev. Ex. Ground: 16.0'				Elev. Ex. Ground: 15.9'		Depth Gr. Water: Not given				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given						
495 M3	0.0	47.5	Misc. Fill Organic Silt & Shells Sand, Gravel & Stones Rock	8	502 L2	0.0	8.0	Misc. Fill Sand Silty Clay & Slate Layers Clay	5 14 200 50		
	47.5	55.0				8.0	11.0				
	55.0	59.0				11.0	15.0				
	59.0	69.0				15.0	23.0				
		Elev. Ex. Ground: Not given					Elev. Ex. Ground: 19.3'			Depth Gr. Water: 7'	
	Depth Gr. Water: Tidewater			Depth Gr. Water: 7'							
496 M3	0.0	36.0	Organic Silt, trace fine Sand, Wood Organic silty Sand & Gravel Sand, Gravel, little Shale Rock Rock	7	503 L3	0.0	8.0	Fill Sandy silty Clay & Gravel Slate	68 225		
	36.0	49.0				8.0	12.0				
	49.0	54.0				12.0	17.0				
	54.0	61.5									
	61.5	69.0									
	69.0	73.0									
	Elev. Ex. Ground: Not given			Elev. Ex. Ground: 18.7'		Depth Gr. Water: 5'					
	Depth Gr. Water: Tidewater			Depth Gr. Water: 5'							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
504 L3	0.0	— 4.0	Fill	2	511 L2	0.0	— 4.0	Fill	3	
	4.0	— 9.0	Clay, some Gravel			4.0	— 5.0	Sandy Clay, some Gravel		2
	9.0	— 13.0	Slate fragments, sandy Clay			5.0	— 10.5	Silt & Sand		
	13.0	— 15.0	Sand			10.5	— 14.5	Slate, layers silty Clay		102
Elev. Ex. Ground: 19.1'					Elev. Ex. Ground: 16.3'					
Depth Gr. Water: 4'					Depth Gr. Water: 5'					
505 L3	0.0	— 6.0	Fill	24	512 L3	0.0	— 5.0	Fill	25	
	6.0	— 8.0	Sandy Clay, Gravel			5.0	— 10.0	Sandy Clay, Gravel		
	8.0	— 12.0	Sandy Clay, Slate fragments			10.0	— 20.0	Slate		
	12.0	— 18.0	Slate			115				
Elev. Ex. Ground: 79.6'					Elev. Ex. Ground: 19.4'					
Depth Gr. Water: 10.0'					Depth Gr. Water: 8'					
506 L3	0.0	— 3.0	Fill	18	513 L3	0.0	— 4.0	Fill	100	
	3.0	— 7.0	Sandy Clay, some Gravel, Slate fragments			4.0	— 10.0	Slate with silty layers		
	7.0	— 13.0	Slate fragments			100				
Elev. Ex. Ground: 23.8'					Elev. Ex. Ground: 29.5'					
Depth Gr. Water: 12'					Depth Gr. Water: 5.5'					
507 L3	0.0	— 6.0	Fill	5	514 L3	0.0	— 5.0	Misc. Fill	160	
	6.0	— 11.0	Sandy Clay			5.0	— 15.0	Silty Sand, Shale fragments		
	11.0	— 12.0	Slate			15.0	— 15.8	Silty Clay & Shale - Refusal		
Elev. Ex. Ground: 25.8'					Elev. Ex. Ground: 32.5'					
Depth Gr. Water: 11.0'					Depth Gr. Water: Not given					
508 L3	0.0	— 5.5	Fill	14	515 L3	0.0	— 5.0	Fill	100	
	5.5	— 9.0	Sandy Clay, Gravel			5.0	— 7.0	Silt Sand & Gravel, some silty Clay		
	9.0	— 11.0	Slate			100				
Elev. Ex. Ground: 16.3'					Elev. Ex. Ground: 31.2'					
Depth Gr. Water: 9'					Depth Gr. Water: Not given					
509 L3	0.0	— 4.5	Fill	9	516 L3	0.0	— 5.0	Fill	31	
	4.5	— 10.0	Clayey Sand, Gravel			5.0	— 10.0	Sand, trace silt		
	10.0	— 11.5	Silt, Sand & Gravel			10.0	— 20.0	Silty Sand, Cobbles, Slate, Rock fragments		112
	11.5	— 15.5	Sand & Gravel			20.0	— 27.0	Sand & Gravel		100
	15.5	— 23.0	Clayey Sand, Gravel, Slate fragments			27.0	— 55.0	Slate, Quartz fragments		
23.0	— 42.0	Slate fragments Refusal	100							
Elev. Ex. Ground: 16.4'					Elev. Ex. Ground: 26.5'					
Depth Gr. Water: 8.0'					Depth Gr. Water: Not given					
510 L2	0.0	— 8.5	Fill	4	517 L3	0.0	— 7.0	Fill	62	
	8.5	— 12.5	Sandy organic Silt & Peat			7.0	— 25.0	Silty Sand & Gravel & silty Clay		
	12.5	— 21.5	Slate & silty Clay			17				
	21.5	— 54.5	Slate, layers silty Clay			150				
Elev. Ex. Ground: 16.4'					Elev. Ex. Ground: 38.6'					
Depth Gr. Water: 6.0'					Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
518 L3	0.0	13.0	Fill	35	524 L3	0.0	3.0	Fill	43 28 33 Cored
	13.0	16.5	Sand, some Gravel	13		3.0	10.0	Silty Clay & clayey Gravel	
	16.5	20.0	Silty Clay, some Sand	27		10.0	18.5	Silty Clay	
	20.0	27.5	Silty Clay, some clayey Gravel, Slate fragments	43		18.5	25.0	Slaty Shale fragments	
	27.5	33.0	Slaty Shale fragments	45		25.0	55.0	Shale	
	Elev. Ex. Ground: 31.3'				Elev. Ex. Ground: 32.6'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
519 L3	0.0	8.0	Fill	14	525 L3	0.0	5.0	Fill	48 174 72 83 Cored
	8.0	18.0	Silty Clay, Gravel & fine Sand layers	20		5.0	10.0	Sand, & Clay layers	
	18.0	30.0	Sand, some Clay layers	30		10.0	13.0	Shaly & silty Clay, Gravel & Cobbles	
	30.0	32.0	Silty Clay & clayey Gravel	50		13.0	18.0	Sand, Gravel & fractured slaty Shale	
	32.0	45.0	Silty Clay & clayey Gravel, Shale	Cored		18.0	23.5	Rock	
	Elev. Ex. Ground: 30.4'				Elev. Ex. Ground: 36.9'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
520 L3	0.0	8.0	Fill	10	526 L3	0.0	3.0	Fill	60 Cored
	8.0	14.0	Sand, some fine Gravel	25		3.0	8.0	Clayey Silt, Sand & fine Gravel & Boulders	
	14.0	23.0	Silty Sand, Gravel & Clay	37		8.0	32.0	Silty Sand & Gravel	
	23.0	35.0	Slaty Shale, fragments	Cored		32.0	33.0	Rock	
	Elev. Ex. Ground: 32.6'				Elev. Ex. Ground: 37.5'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
521 L3	0.0	4.0	Fill	60	527 L3	0.0	8.0	Fill	Cored
	4.0	19.0	Silty Clay & clayey Gravel & Sand			8.0	18.0	Slaty Shale - Slate fragments	
	19.0	25.0	Soft slaty Shale fragments		Elev. Ex. Ground: 32.3'				
	Elev. Ex. Ground: 33.8'				Depth Gr. Water: Not given				
	Depth Gr. Water: Not given				528 L3	0.0	0.4	Fill	47 Cored
522 L3	0.0	6.5	Fill	60		0.4	24.5	Sand, trace Silt, silty Clay	
	6.5	18.5	Silt Sand & Gravel, some Clay lenses		24.5	37.0	Clay, Argillite, Shale fragments		
	18.5		Refusal		Elev. Ex. Ground: 35.7'				
	Elev. Ex. Ground: 31.5'				Depth Gr. Water: Not given				
	Depth Gr. Water: Not given				529 L3	0.0	3.5	Fill	14 73 49 Cored Cored
523 L3	0.0	5.5	Fill	60		3.5	10.0	Silty Clay, little Sand, some fine Gravel	
	5.5	18.8	Silty Clay, clayey Gravel, some Sand lenses			10.0	14.0	Silty Sand, some Rock fragments	
	18.8		Refusal	14.0		18.0	Boulders, Cobbles, yellow Clay		
Elev. Ex. Ground: 34.6'				18.0		20.5	Silty Sand & Gravel		
Depth Gr. Water: Not given				20.5	28.0	Rock			
	Elev. Ex. Ground: 34.6'				28.0	30.0	Rock		
	Depth Gr. Water: Not given				Elev. Ex. Ground: 37.5'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/t)		No. and location	Depths		Formation	Penetr. Resist. (Bl/t)
	From	To					From	To		
530 E4	0.0	12.0	Fill	28	537 E4	0.0	11.5	Misc. Fill	25	
	12.0	23.0	Silt & Shells	12		11.5	24.0	Sandy Silt & Shells	11	
	23.0	36.0	Sand & fine Gravel	68		24.0	34.5	Sand & fine Gravel	56	
	36.0	113.0	Clay, trace Silt	30		34.5	37.0	Clay, little Silt	54	
	113.0	123.0	Rock, Shells, & Sandstone	Cored		37.0	108.0	Clay, trace Silt	Cored	
	Elev. Ex. Ground: 10.1'				108.0	118.0	Rock	Cored		
	Depth Gr. Water: 7.5'					Elev. Ex. Ground: 10.4'				
	Depth Gr. Water: 7.5'					Depth Gr. Water: 7.5'				
531 E4	0.0	12.5	Misc. Fill	30	538 E4	0.0	16.5	Misc. Fill	17	
	12.5	22.5	Silt, trace Shells	14		16.5	25.6	Silt, trace Shells	15	
	22.5	37.0	Sand	44		25.6	38.0	Sand	45	
	37.0	47.0	Silt, trace Clay			38.0	41.0	Silt, trace Clay	56	
	Elev. Ex. Ground: 11.6'				41.0	128.0	Clay, trace Sand & Gravel	40		
	Depth Gr. Water: Not given				128.0	135.0	Sand, Gravel, Boulders & Clay	Cored		
532 E4	0.0	11.0	Misc. Fill	9	539 E4	0.0	14.0	Misc. Fill	3	
	11.0	25.0	Silt	18		14.0	17.0	Silt, trace Shells & organic Matter	10	
	25.0	39.0	Fine Sand	40		17.0	20.0	Peat	13	
	39.0	47.0	Clay, trace Silt	16		20.0	26.0	Gravel & Sand, trace organic Matter	18	
	Elev. Ex. Ground: 11.9'				26.0	37.0	Sand	50		
	Depth Gr. Water: 9.0'				37.0	46.0	Clay, trace Silt & fine Sand	25		
533 E4	0.0	12.5	Misc. Fill	34		Elev. Ex. Ground: 11.9'				
	12.5	23.0	Silt	14		Depth Gr. Water: 9.0'				
	23.0	37.5	Fine Sand	45	540 D3	0.0	2.0	Fill	10	
	37.5	47.0	Clay, trace Silt		2.0	7.0	Sand & Gravel	3		
	Elev. Ex. Ground: 11.9'				7.0	12.0	Sand, Gravel, trace Silt	2		
	Depth Gr. Water: 15.0'				12.0	17.0	Peat	14		
534 E4	0.0	12.0	Misc. Fill	12	17.0	33.0	Sand & Gravel	7		
	12.0	20.0	Organic Silt, trace Shells	6	33.0	35.0	Yellow Clay	3		
	20.0	34.0	Silt, trace fine Gravel	36	35.0	51.5	Blue Clay	3		
	34.0	47.0	Clay, trace Silt & fine Sand	18		Elev. Ex. Ground: 10.3'				
	Elev. Ex. Ground: 10.4'					Depth Gr. Water: Not given				
	Depth Gr. Water: 16.0'				541 E3	0.0	9.0	Fine Sand, trace Silt & Gravel	3	
535 E4	0.0	8.0	Sand	14	9.0	12.0	Clay & organic Silt	1		
	8.0	20.0	Silt, Sand, trace Shells	7	12.0	25.5	Sand	23		
	20.0	34.0	Sand	30	25.5	30.0	Yellow Clay	8		
	34.0	36.0	Sand & Silt	20	30.0	50.6	Blue Clay	3		
	36.0	48.0	Clay, trace Silt	24		Elev. Ex. Ground: 12.5'				
	Elev. Ex. Ground: 13.5'					Depth Gr. Water: 7.4'				
	Depth Gr. Water: 12.0'					Depth Gr. Water: 7.4'				
536 E4	0.0	11.5	Misc. Fill	35		Elev. Ex. Ground: 12.5'				
	11.5	21.5	Silt	12		Depth Gr. Water: 7.4'				
	21.5	37.5	Sand	45		Depth Gr. Water: 7.4'				
	37.5	47.0	Clay, trace Silt			Depth Gr. Water: 7.4'				
	Elev. Ex. Ground: 11.4'					Depth Gr. Water: 7.4'				
	Depth Gr. Water: 13.0'					Depth Gr. Water: 7.4'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
542 E4	0.0	0.25	Fill	6	0.0	0.5	Cobble stone	3		
	0.25	7.5	Sand, little Gravel		0.5	5.0	Clay			
	7.5	13.5	Fine Sand, Gravel		5.0	10.0	Fine Sand & Gravel			
	13.5	24.0	Sand, some Gravel		10.0	14.0	Silt, trace Sand & Peat			
	24.0	35.0	Sand		14.0	35.0	Fine Sand & Gravel			
	35.0	36.5	Yellow Clay		35.0	44.33	Sandy yellow Clay			
	36.5	51.5	Blue Clay		44.33	48.0	Fine Sand			
Elev. Ex. Ground: 13.0'				48.0			94.0	3		
Depth Gr. Water: 7.5'				131.2			140.0	3		
543 E4	0.0	4.0	Misc. Fill	4	140.0	143.0	Blue Clay & Gravel	5		
	4.0	11.0	Sand		143.0	177.0	Clay, Sand, Gravel			
	11.0	14.0	Sand, fine Gravel		143.0	177.0	Rock			
	14.0	19.0	Mud, Silt		Elev. Ex. Ground: 11.5'				4'	
	19.0	39.0	Sand, some fine Gravel		Depth Gr. Water: 4'					
	39.0	40.0	Yellow Clay		4	0.0	0.5		Fill	5
	40.0	51.5	Clay, Silt, trace fine Sand, Blue Clay			0.5	9.0		Sand & Gravel Organic Silt, fine Sand, Gravel	
Elev. Ex. Ground: 13.3'				9.0	15.0	Sand & Gravel	4			
Depth Gr. Water: Not given				36.5	152.0	Yellow Clay & blue Clay				
544 E4	0.0	10.0	Sand & Gravel	13	152.0	158.0	Boulders & Cobbles	Cored Cored		
	10.0	14.0	Organic Silt		3	158.0	178.0		Rock	
	14.0	16.0	Organic Silt, Sand			Elev. Ex. Ground: 9.8'				
	16.0	30.0	Sand, trace fine Gravel		Depth Gr. Water: Not given					
	30.0	32.0	Fine Gravel		4	0.0	6.0		Fill	7
	32.0	37.5	Blue Clay, fine Sand			6.0	10.0		Sand	
	37.5	171.0	Blue Clay		4	10.0	22.0		Organic Silt	3
	171.0	180.0	Rock			22.0	24.0		Some Boulders	
	180.0	212.0	Rock		Cored Cored	24.0	42.0		Sand & Clay	3
	Elev. Ex. Ground: 11.0'					42.0	140.5		Blue Clay	
Depth Gr. Water: Not given				140.5	146.25	Hard pan, fine Sand & Gravel				
545 E4	0.0	11.0	Sand, Gravel	2	146.25	166.25	Rock, Shale	Cored		
	11.0	19.0	Organic Silt		Elev. Ex. Ground: 14.2'					
	19.0	27.0	Sand & organic Silt		Depth Gr. Water: Not given					
	27.0	34.0	Sand & Gravel		10	0.0	0.5		Hardtop	2
	34.0	109.0	Blue Clay			0.5	1.5		Fill	
	109.0	112.0	Sand & Gravel		4	1.5	14.0		Sand & Gravel	2
	112.0	138.7	Clay, coarse Sand & Gravel			14.0	24.0		Organic Silt	
	138.7	140.0	Boulders		Cored	24.0	39.5		Fine Sand & Gravel, trace Silt	22
	140.0	160.2	Hard fine Sand, Gravel, Clay & hard pan			39.5	45.0		Yellow Clay	
	160.2	188.0	Rock		Cored	45.0	114.0		Blue Clay	Cored
Elev. Ex. Ground: 12.3'				114.0	127.0	Sand, Gravel, Clay, Hard pan				
Depth Gr. Water: Not given				127.0	157.0	Rock				
				Elev. Ex. Ground: 10.9'						
				Depth Gr. Water: 13.4'						

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To		
550 D3	0.0	2.0	Fill	
	2.0	9.0	Coarse Sand, some Gravel	30
	9.0	10.0	Silt	6
	10.0	11.0	Organic Silt	
	11.0	13.0	Silty Sand	
	13.0	24.0	Coarse hard Sand, some Gravel	17
	24.0	28.0	Sand, some Gravel	32
	28.0	30.0	Yellow Clay	21
	30.0	31.0	Soft blue Clay	
	31.0	78.0	Blue Clay	
	78.0	79.5	Sand, Clay	
	79.5	165.0	Blue Clay & Sand	
	165.0	168.5	Coarse Sand & Gravel	
	168.5	184.5	Soft fractured, laminated Slate	Cored
	184.5	188.5	Hard, laminated Slate	Cored
Elev. Ex. Ground: 11.4'				
Depth Gr. Water: Not given				
551 D4	0.0	2.0	Fill	
	2.0	10.0	Coarse Sand & Gravel	10
	10.0	12.5	Organic sandy Silt	18
	12.5	32.0	Coarse Sand, Gravel	45
	32.0	34.5	Yellow Clay	40
	34.5	101.5	Blue Clay	
	101.5	103.0	Blue Clay, Gravel	
	103.0	138.0	Blue Clay	
	138.0	139.0	Gravel, blue Clay	
	139.0	154.0	Blue Clay	
	154.0	163.5	Hard coarse Sand, Cobbles & Gravel	
	163.5	183.5	Hard, fractured Slate	
Elev. Ex. Ground: 11.7'				
Depth Gr. Water: Not given				
552 D3	0.0	0.5	Cobbles	
	0.5	8.5	Coarse Sand & Gravel	23
	8.5	10.5	Organic Silt	
	10.5	13.0	Silt, trace fine Sand	6
	13.0	28.0	Hard coarse Sand & Gravel	110
	28.0	30.0	Yellow Clay	
	30.0	63.0	Blue Clay	
	63.0	67.0	Sand, blue Clay	
	67.0	98.5	Blue Clay	
	98.5	101.0	Sand & blue Clay	
	136.0	138.0	Coarse Sand, blue Clay	
	138.0	143.5	Blue Clay	
	143.5	145.0	Hard coarse Sand	
	145.0	165.0	Hard fractured Slate - Rock	Cored
	Elev. Ex. Ground: 12.4'			
Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To		
553 D3	0.0	0.5	Cobbles	
	0.5	5.0	Sand, Gravel, Cobbles	25
	5.0	10.5	Coarse Sand	25
	10.5	11.5	Sandy Gravel, trace Silt	10
	11.5	18.0	Organic Matter, trace Silt	12
	18.0	36.0	Coarse Sand, Gravel	50
	36.0	37.0	Hard blue Clay	80
	37.0	157.0	Sand, blue Clay	
	157.0	166.0	Coarse Sand & Gravel	
	166.0	186.0	Hard fractured Slate	
	Elev. Ex. Ground: 11.4'			
	Depth Gr. Water: Not given			
554 D3	0.0	3.5	Fill	19
	3.5	9.2	Sandy organic Silt	1
	9.2	20.0	Coarse Sand, little Gravel	17
	20.0	34.5	Coarse Sand	44
	34.5	90.0	Blue Clay	4
	90.0	97.0	Sandy blue Clay, some Gravel	47
	97.0	124.0	Blue Clay	5
	124.0	127.0	Sand, Clay & Gravel, Till	49
	127.0	131.0	Sand, Clay, Gravel, Till	205
	131.0	133.1	Till - Refusal	
Elev. Ex. Ground: 9.2'				
Depth Gr. Water: 3.5'				
555 D4	0.0	1.0	Sandy Gravel	2
	1.0	2.5	Organic Silt	1
	2.5	7.0	Sandy organic Silt	1
	7.0	12.0	Sand & little fine Gravel	27
	12.0	30.8	Sand & Gravel	14
	30.8	42.0	Yellow Clay	14
	42.0	90.5	Clay	5
	90.5	114.0	Fine Sand, little Clay	40
	114.0	136.9	Blue Clay, fine Sand layers	4
	136.9	137.9	Fine Sand, little Gravel, Till	267
	Elev. Ex. Ground: 7.35'			
	Depth Gr. Water: 2.5'			
556 D4	0.0	9.8	Fill	12
	9.8	16.0	Peaty organic Silt	3
	16.0	31.0	Coarse Sand, some Gravel	43
	31.0	38.0	Yellow Clay	11
	Elev. Ex. Ground: 14.0'			
Depth Gr. Water: 6.5'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
557 D4	0.0	10.0	Misc. Fill	7	563 L3	0.0	5.0	Fill	
	10.0	13.5	Peaty sandy organic Silt	1		5.0	10.0	Silty Clay, trace Sand	46
	13.5	14.5	Sand, little fine Gravel	21		10.0	36.0	Till	30
	14.5	19.5	Sand & Gravel	43		36.0	56.5	Gravel, Slate	Cored
	19.5	32.5	Sand	20		Elev. Ex. Ground:		19.7'	
	32.5	38.0	Fine Sand	23		Depth Gr. Water:		8.5'	
	38.0	50.0	Blue Clay	7					
Elev. Ex. Ground: 10.3'					564 L3	0.0	5.0	Fill	
Depth Gr. Water: 9.5'						5.0	14.5	Sand, Gravel, trace Clay	37
558 E4	0.0	27.0	Fill			14.5	24.0	Silty Sand	40
	27.0	47.5	Sandy organic Silt	2		24.0	47.5	Sand & Gravel	30
	47.5	49.0	Fine Sand	24		47.5	48.0	Clay & Gravel	242
49.0	62.0	Blue Clay	13	48.0		Refusal			
Elev. Ex. Ground: Not given					Elev. Ex. Ground:		21.0'		
Depth Gr. Water: Not given					Depth Gr. Water:		3.2'		
559 E4	0.0	28.0	Fill		565 L2	0.0	8.0	Fill	
	28.0	43.7	Organic Silt & Shells	2		8.0	15.0	Siltstone, Shell fragments & Gravel	2
	43.7	55.0	Sand	31		15.0	32.5	Silt, Clay	13
	55.0	58.3	Coarse Sand, some fine Gravel	21		32.5	37.5	Silt, Clay & Gravel	9
	58.3	62.0	Blue Clay	9		37.5	42.0	Clayey Gravel, Slate fragments	39
Elev. Ex. Ground: Not given					42.0	55.0	Silty Sand, Gravel	67	
Depth Gr. Water: 17.5'					55.0	60.0	Slate	Cored	
560 E4	0.0	11.0	Fill		Elev. Ex. Ground:		17.5'		
	11.0	24.4	Silty Peat & Shells	2	Depth Gr. Water:		9.3'		
	24.4	29.4	Silty fine Sand	31	566 L3	0.0	9.5	Fill	
	29.4	34.0	Sand	36		9.5	37.0	Sand & Gravel, Boulders	48
	34.0	39.0	Yellow Clay	10		37.0	41.0	Clay, some Gravel	53
	39.0	60.0	Blue Clay	8		41.0	42.0	Boulders	
Elev. Ex. Ground: 10'					42.0	57.5	Slate		
Depth Gr. Water: 2.5'					Elev. Ex. Ground:		18.5'		
561 L2	0.0	8.0	Fill		Depth Gr. Water:		9.0'		
	8.0	13.0	Silty Sand	4	567 L3	0.0	8.0	Fill	
	13.0	18.0	Silty Sand, Gravel, Lenses fine Sand	20		8.0	41.0	Coarse clayey Sand & Gravel	32
	18.0	30.0	Sand, Gravel, Cobbles	23		41.0	51.0	Clayey Sand & Gravel	83
	30.0	57.0	Sand, Gravel & Cobbles, Boulders	28		51.0	56.5	Slate	
	57.0	80.0	Slate	Cored	Elev. Ex. Ground:		21.5'		
	Elev. Ex. Ground: 17.0'					Depth Gr. Water:		9'	
Depth Gr. Water: 11.0'					568 L3	0.0	9.0	Fill	
562 L3	0.0	8.0	Fill	19		9.0	46.5	Siltstone, Gravel, Cobbles, Boulders & Fragments	48
	8.0	12.0	Silty Clay			46.5	48.5	Siltclay, Gravel	79
	12.0	27.5	Silty Sand, Gravel, Cobbles	80		48.5	50.0	Clayey Sand	127
	27.5	32.0	Silty Clay, some Gravel	38		50.0	50.5	Sand	250
	32.0	39.0	Silty Sand & Gravel	92		Elev. Ex. Ground:		20.0'	
	39.0	40.0	Slate	Cored	Depth Gr. Water:		10.0'		
Elev. Ex. Ground: 17.8'									
Depth Gr. Water: 9.0'									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
569 L3	0.0	6.5	Fill		575 L3	0.0	10.2	Fill	5
	6.5	8.0	Silty Sand, Gravel	5		10.2	28.0	Sand, Gravel & Cobbles	42
	8.0	27.0	Silty Clay	13		28.0	42.0	Sand & Gravel	32
	27.0	29.5	Siltclay			42.0	56.0	Siltclay, Gravel & Cobbles	100
	29.5	41.5	Clayey Sand, Gravel & Cobbles	20		56.0	58.0	Slate	
	41.5	48.0	Clayey Sand, Gravel	128		Elev. Ex. Ground: 18.7'			
	48.0	52.0	Slate		Depth Gr. Water: 6.3'				
Elev. Ex. Ground: 18.1'					576 L2	0.0	10.0	Fill	
Depth Gr. Water: 6.5'						10.0	13.0	Silty Sand & Gravel	3
570 L2	0.0	9.0	Fill			13.0	22.5	Silt & fine Sand	4
	9.0	13.5	Peat, Silt, organic Matter	8		22.5	24.5	Peat	3
	13.5	36.0	Silty Clay	12		24.5	29.5	Yellow & blue Clay	20
	36.0	51.5	Clayey Sand, Gravel, Cobbles & Boulders	136		29.5	34.5	Yellow Clay	20
Elev. Ex. Ground: 16.7'					34.5	41.5	Blue Clay	10	
Depth Gr. Water: 14'					41.5	42.5	Sand, Gravel & Clay	23	
571 L2	0.0	7.0	Fill	9	Elev. Ex. Ground: 19.28'				
	7.0	14.5	Silty Clay & Gravel	5	Depth Gr. Water: 10' plus/minus				
	14.5	24.5	Silty Clay	15	577 L2	0.0	13.0	Misc. Fill	16
	24.5	37.0	Silty Clay & Gravel	11		13.0	16.5	Silty Sand, Gravel & Wood	6
	37.0	45.0	Sand, Gravel & fractured Shale	76		16.5	21.0	Silty Sand & Wood	4
45.0	65.0	Slate	Cored	21.0		28.5	Coarse Sand, Gravel & little Clay	30	
Elev. Ex. Ground: 15.5'						28.5	30.0	Fine Sand, Gravel & Boulders	35
Depth Gr. Water: 9.0'					Elev. Ex. Ground: 19.24'				
572 L3	0.0	7.0	Fill		Depth Gr. Water: 11.0'				
	7.0	27.5	Silty Sand & Shells	6	578 L2	0.0	10.5	Fill	20
	27.5	37.5	Silty Clay	29		10.5	15.0	Yellow Clay & Gravel	14
	37.5	43.5	Silty Sand & Gravel	100		15.0	25.5	Silty fine Sand	4
43.5	45.0	Slate		25.5		28.0	Blue Clay	10	
Elev. Ex. Ground: 17.4'					28.0	30.0	Yellow & blue Clay	20	
Depth Gr. Water: 7'					Elev. Ex. Ground: 19.14'				
573 L3	0.0	6.5	Fill	7	Depth Gr. Water: 10.5'				
	6.5	28.0	Silty Clay		579 L2	0.0	14.0	Misc. Fill	14
	28.0	39.5	Sand, Gravel & Cobbles	25		14.0	24.0	Silty Sand	4
	39.5	41.0	Silty Clay & Gravel	160		24.0	25.0	Peaty Sand	4
41.0	42.0	Slate		25.0		28.5	Coarse Sand & Gravel	14	
Elev. Ex. Ground: 20.0'					28.5	29.5	Blue Clay	10	
Depth Gr. Water: Not given					29.5	31.0	Yellow & blue Clay	20	
574 L3	0.0	9.0	Fill		Elev. Ex. Ground: 19.08'				
	9.0	24.5	Silty Clay, fine Sand	18	Depth Gr. Water: 10'				
	24.5	30.0	Siltclay	11	580 L2	0.0	14.0	Misc. Fill	19
30.0	37.5	Slate	123	14.0		20.5	Silty Sand	4	
Elev. Ex. Ground: 18.5'						20.5	24.5	Coarse Sand & Gravel	15
Depth Gr. Water: 8.5'					Elev. Ex. Ground: 18.25'				
					Depth Gr. Water: 9' plus/minus				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
581 L2	0.0	— 21.0	Misc. Fill	8	587 L3	0.0	— 7.0	Fill	20
	21.0	— 23.0	Silt	4		7.0	— 16.5	Silty Clay, some Sand lenses	
	23.0	— 25.0	Peat	4		16.5	— 21.5	Silty Sand & Gravel, Rock fragments, trace Clay	
	25.0	— 26.5	Silt Gravel & Blue Clay	15		21.5	— 28.5	Silty Clay & Clayey Gravel, Shale fragments, Sand	
Elev. Ex. Ground: 18.25'					Elev. Ex. Ground: Not given				
Depth Gr. Water: 9' plus/minus					Depth Gr. Water: Not given				
582 L3	0.0	— 5.0	Fill	45	588 L3	0.0	— 8.0	Fill	85
	5.0	— 18.0	Silty Sand & Gravel, fragments slaty Shale			8.0	— 33.5	Silty Sand, Gravel & silty Clay	
	18.0	— 21.5	Sand & some Silt			33.5	— 37.0	Clayey Gravel	
	21.5	— 26.0	Silty Clay & clayey Gravel			37.0	— 38.5	Soft Rock	
	26.0	— 46.0	Slaty Shale, Silica fragments			83	38.5	— 49.0	
Elev. Ex. Ground: 39.4'					Elev. Ex. Ground: Not given				
Depth Gr. Water: 25.0'					Depth Gr. Water: Not given				
583 L3	0.0	— 12.0	Fill	24	589 L3	0.0	— 17.5	Fill	40
	12.0	— 24.5	Slaty Shale fragments			17.5	— 34.5	Silty Sand & Shells	
Elev. Ex. Ground: 32.3'					Elev. Ex. Ground: Not given				
Depth Gr. Water: 11.5'					Depth Gr. Water: Not given				
584 L3	0.0	— 4.0	Fill	36	34.5	— 36.0	Silt & fine Sand	26	
	4.0	— 35.0	Silty Sand & Gravel		36.0	— 43.0	Coarse Sand & Gravel		
	35.0	— 36.0	Rock		43.0	— 50.0	Yellow Clay		
Elev. Ex. Ground: 37.2'					Elev. Ex. Ground: 10.5'				
Depth Gr. Water: Not given					Depth Gr. Water: 3.3'				
585 L3	0.0	— 4.0	Fill	13	590 L3	0.0	— 17.5	Fill	28
	4.0	— 7.0	Silty Sand - loose Sand			17.5	— 38.6	Fine silty Sand & Shells	
	7.0	— 40.0	Silty Sand, Gravel, some Clay			38.6	— 44.6	Coarse Sand & Gravel	
Elev. Ex. Ground: 38.7'					Elev. Ex. Ground: 13.7'				
Depth Gr. Water: 23.7'					Depth Gr. Water: 5.2'				
586 L3	0.0	— 7.0	Fill	5	591 H4	0.0	— 6.0	Fill	8
	7.0	— 32.0	Silty Sand & Gravel, fractured Slate			6.0	— 18.0	Silty Sand	
Elev. Ex. Ground: 37.6'					Elev. Ex. Ground: 15'				
Depth Gr. Water: 22.0'					Depth Gr. Water: Not given				
	32.0	— 47.5	Shale & Slate, some fragments	60	18.0	— 29.0	Fine silty Sand, trace Shells	11	
	Elev. Ex. Ground: 37.6'					Elev. Ex. Ground: 13.4'			
Depth Gr. Water: 22.0'					Depth Gr. Water: 5.5'				
589 L3	0.0	— 4.0	Fill	13	29.0	— 39.0	Sandy Silt & Shells	5	
	4.0	— 7.0	Silty Sand - loose Sand		39.0	— 44.0	Fine Sand & Gravel		
	7.0	— 40.0	Silty Sand, Gravel, some Clay		44.0	— 47.0	Blue Clay		
	40.0	— 50.0	Slaty Shale		Elev. Ex. Ground: 15'				
Elev. Ex. Ground: 38.7'					Depth Gr. Water: Not given				
Depth Gr. Water: 23.7'					592 H3	0.0	— 8.0	Fill	6
Elev. Ex. Ground: 37.6'					8.0	— 11.0	Soft silty Peat		
Depth Gr. Water: 22.0'					11.0	— 43.9	Soft sandy Silt & Shells		
Elev. Ex. Ground: 37.6'					Elev. Ex. Ground: 13.4'				
Depth Gr. Water: 22.0'					Depth Gr. Water: 5.5'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
593 G3	0.0	48.0	Fill Medium blue Clay, fine Sand		601 G3	0.0	8.0	Fill Silty Peat Blue Clay	4 3
	48.0	92.0				8.0	28.0		
	Elev. Ex. Ground: 13.4'					Elev. Ex. Ground: 15'			
	Depth Gr. Water: 6.0'					Depth Gr. Water: Not given			
594 H4	0.0	24.3	Misc. Fill Silt, fine Sand & Shells Hard Sand & Gravel		602 G3	0.0	20.0	Misc. Fill Fine silty Sand Organic Silt & Shells Peaty organic Silt Silty Sand, little Gravel Blue Clay Sand, Clay & some coarse Gravel Boulders Fine Sand, Silt, coarse Gravel, Till Shale Shale	13 19 4 6 34 6 12 Cored 46 Cored 246
	24.3	43.2				20.0	23.0		
	43.2	48.5				23.0	30.0		
	Elev. Ex. Ground: 15.0'					30.0	47.5		
	Depth Gr. Water: Not given					47.5	51.0		
595 H4	0.0	23.5	Misc. Fill Silt, fine Sand & Shells Hard Sand & Gravel			51.0	114.9		
	23.5	35.7				114.9	118.8		
	35.7	41.0				118.8	122.0		
	Elev. Ex. Ground: 6.7'					122.0	132.5		
	Depth Gr. Water: 6.1'					132.5	142.5		
596 G3	0.0	22.0	Misc. Fill Silty Sand & Shells Coarse Sand & coarse Gravel Blue Clay	13 3 13 9	603 G3	0.0	9.0	Fill Sandy organic Silt Silty Peat Sandy organic Silt & Shells Sandy organic Silt Sand, fine Gravel Blue Clay Coarse Sand, Clay, coarse Gravel Sand, Silt, coarse Gravel, Till Refusal	6 3 4 6 14 29 5 39 84
	22.0	43.5				9.0	12.0		
	43.5	49.5				12.0	18.5		
	49.5	57.0				18.5	40.0		
	Elev. Ex. Ground: 16.3'					40.0	44.0		
	Depth Gr. Water: 9.33'					44.0	47.0		
597 G3	0.0	18.5	Misc. Fill Silty Sand, little Shells Coarse Sand & coarse Gravel Blue Clay	14 12		47.0	93.0		
	18.5	40.75				93.0	98.0		
	40.75	45.0				98.0	104.0		
	45.0	52.0				104.0	104.0		
	Elev. Ex. Ground: 12.6'					104.0	104.0		
	Depth Gr. Water: 8.8'								
598 H4	0.0	19.5	Misc. Fill Fine silty Sand & Shells Silt, fine Sand & Shells Hard coarse Sand & some Gravel		604 G3	0.0	10.0	Fill Peaty organic Silt Organic silty Sand & Shells Sandy organic Silt & Shells Silty Sand & Shells Coarse Sand, some coarse Gravel Blue Clay Sandy blue Clay & Gravel Till, Sand, Silt & Gravel Shale Refusal	5 4 38 13 28 43 6 10 24 86
	19.5	28.7				10.0	16.0		
	28.7	37.8				16.0	22.0		
	Elev. Ex. Ground: 13.3'					22.0	41.0		
	Depth Gr. Water: 6.8'					41.0	47.0		
599 H3	0.0	2.5	Fill Silty Sand Peat Silty Sand & Shells Hard coarse Sand & Gravel Medium blue Clay			47.0	50.5		
	2.5	11.5				50.5	98.0		
	11.5	18.5				98.0	102.0		
	18.5	35.33				102.0	104.5		
	35.33	40.0				104.5	106.0		
	40.0	45.0				106.0	106.0		
	Elev. Ex. Ground: 15'								
	Depth Gr. Water: Not given								
600 G3	0.0	12.0	Fill Silty Peat	4 3		0.0	12.0		
	12.0	25.0				12.0	25.0		
	Elev. Ex. Ground: 15'					Elev. Ex. Ground: 13.4'			
	Depth Gr. Water: 5.5'					Depth Gr. Water: 6.0'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
605 H3	0.0	9.0	Fill		609 G4	0.0	15.5	Fill	30	
	9.0	19.0	Sandy organic Silt, Shells, trace Peat	1		15.5	25.0	Sandy organic Silt & little Peat	7	
	19.0	45.0	Sandy organic Silt & Shells	6		25.0	32.0	Organic Silt & Shells	4	
	45.0	47.0	Sand, fine Gravel	8		32.0	37.0	Yellow & blue Clay	28	
	47.0	50.0	Fine silty Sand & Gravel	19		37.0	72.0	Blue Clay & layers fine Sand	10	
	50.0	55.0	Blue Clay	4		72.0	77.0	Sandy Clay, little fine Gravel	24	
Elev. Ex. Ground: 16'					Elev. Ex. Ground: 18'					
Depth Gr. Water: 9.0'					Depth Gr. Water: 15.5'					
606 G3	0.0	5.0	Fill		610 G4	0.0	0.5	Concrete		
	5.0	15.0	Sandy organic Silt	2		0.5	18.5	Fill	4	
	15.0	20.0	Peaty organic Silt	1		18.5	37.0	Organic Silt, Shells & Peat	3	
	20.0	23.0	Peaty organic Silt & Shells	1		37.0	46.0	Sandy Clay	30	
	23.0	41.5	Organic Silt & Shells	7		46.0	90.0	Blue Clay	7	
	41.5	44.4	Fine Sand	5		90.0	100.0	Sand, Clay & Gravel	30	
	44.4	49.0	Sand & Gravel	21		100.0	106.0	Sand, Gravel, Clay & Boulders	65	
	49.0	88.0	Blue Clay	3		106.0	116.0	Fine Sand	45	
	88.0	95.0	Sandy Clay	12		116.0	122.0	Sandy blue Clay, little fine Gravel	15	
	95.0	97.7	Shale	26		122.0	130.0	Sandy blue Clay, little Gravel, Boulders	35	
	97.7	102.7	Shale	Cored		130.0	133.0	Till, fine Sand, fine Gravel & Clay	60	
Elev. Ex. Ground: 16'					Elev. Ex. Ground: 18'					
Depth Gr. Water: 8.8'					Depth Gr. Water: 11.0'					
607 H4	0.0	21.8	Misc. Fill	4	611 G4	0.0	16.0	Misc. Fill	6	
	21.8	39.2	Sandy organic Silt & Shells	4		16.0	31.0	Sandy organic Silt & Shells	5	
	39.2	40.2	Gravel, little Clay	20		31.0	33.0	Peaty, sandy blue Clay	10	
	40.2	41.4	Sand, some fine Gravel & little Clay	28		33.0	44.0	Yellow & blue Clay	30	
	41.4	47.0	Blue Clay	12		44.0	50.0	Blue Clay	8	
Elev. Ex. Ground: 17'					Elev. Ex. Ground: 18'					
Depth Gr. Water: 4.7'					Depth Gr. Water: 11.0'					
608 G4	0.0	9.0	Fill	9	611 G4	50.0	69.0	Blue Clay & layers fine Sand	6	
	9.0	13.0	Sand, some Gravel	15		69.0	84.0	Sand, Clay, Gravel	30	
	13.0	16.0	Sandy organic Silt & Peat	3		84.0	97.0	Blue Clay	10	
	16.0	31.0	Sandy organic Silt & Shells	4		97.0	103.0	Sand, Clay, Gravel	90	
	31.0	42.0	Sandy yellow Clay	17		103.0	122.0	Blue Clay & little Gravel	24	
	42.0	66.5	Blue Clay	9		122.0	126.0	Fine Sand, some Gravel	46	
	66.5	83.9	Sand, Clay & coarse Gravel	42		126.0	135.0	Shale	39	
	83.9	89.0	Sandy blue Clay	27		135.0	141.5	Shale	Cored	
	89.0	94.0	Blue Clay	9		Elev. Ex. Ground: 18'				
	94.0	99.0	Sand & Gravel	137		Depth Gr. Water: Not given				
	99.0	116.0	Sand, Clay & Gravel	39						
	116.0	116.4	Shale fragments Refusal							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
612 G5	0.0	— 19.5	Fill	4	618 F5	0.0	— 22.5	Fill		
	19.5	— 30.0	Silt & Silty Sand	4		22.5	— 41.5	Silt & little fine Sand		
	30.0	— 37.0	Silty Sand	4		41.5	— 44.5	Medium blue Clay		
	37.0	— 37.5	Blue Clay			44.5	— 50.0	Hard yellow Clay		
	37.5	— 44.5	Yellow Clay	20		Elev. Ex. Ground: 17'				
	44.5	— 73.5	Blue Clay & layers fine Sand	5		Depth Gr. Water: Not given				
	73.5	— 80.0	Blue Clay, Sand, Gravel	18		619 G5	0.0	— 22.6	Misc. Fill	
	80.0	— 131.0	Blue Clay	4			22.6	— 33.0	Silt, Sand & Shells	4
	131.0		Refusal				33.0	— 37.5	Silt, little fine Sand	
	Elev. Ex. Ground: 17.89'						37.5	— 48.0	Yellow Clay, little Sand & Gravel	18
Depth Gr. Water: 11.5'				48.0	— 55.0		Blue Clay & fine Sand	10		
613 G5	0.0	— 18.0	Fill	6	55.0		— 69.5	Sand, Gravel & Clay	20	
	18.0	— 28.0	Fine silty Sand	4	69.5		— 80.0	Sand & Clay		
	28.0	— 36.0	Silt	4	80.0		— 113.0	Blue Clay	4	
	36.0	— 39.0	Fine Sand	24	113.0		— 122.5	Sand, Gravel & Clay Hard pan	52	
	39.0	— 40.5	Blue Clay	14	122.5		— 135.0	Coarse Sand & coarse Gravel	26	
	40.5	— 46.0	Yellow Clay	18	135.0	— 146.0	Sand, Gravel, Clay Hard pan	89		
	46.0	— 120.0	Blue Clay, some Gravel	5	146.0		Refusal			
	120.0	— 125.0	Refusal		Elev. Ex. Ground: 20.0'					
	Elev. Ex. Ground: 17.22'				Depth Gr. Water: 16.0'					
	Depth Gr. Water: 11.5'				620 G5	0.0	— 33.0	Misc. Fill	4	
614 G5	0.0	— 9.0	Fill	25		33.0	— 40.0	Silt & Sand		
	9.0	— 18.0	Fine silty Sand	4		40.0	— 45.5	Silt, little fine Sand		
	18.0	— 27.0	Silt			45.5	— 52.5	Yellow Clay	16	
	27.0	— 29.0	Blue Clay	15		52.5	— 68.0	Blue Clay	4	
	29.0	— 36.0	Yellow Clay	14		Elev. Ex. Ground: 20.5'				
	36.0	— 103.0	Blue Clay	5		Depth Gr. Water: 16.7'				
	103.0	— 118.0	Coarse Sand, Gravel & Clay	30		621 G5	0.0	— 23.0	Fill	7
	118.0		Refusal				23.0	— 34.5	Silty Sand	10
	Elev. Ex. Ground: 14.67'						34.5	— 42.5	Silt, little fine Sand	
	Depth Gr. Water: 9.5'				42.5		— 51.0	Yellow Clay	16	
615 G5	0.0	— 12.0	Fill		51.0		— 60.0	Sand	13	
	12.0	— 23.0	Fine silty Sand	3	60.0		— 69.0	Blue Clay, Sand, little fine Gravel	10	
	23.0	— 34.0	Silt	2	69.0		— 80.0	Blue Clay	5	
	34.0	— 125.0	Clay	4	Elev. Ex. Ground: 20.0'					
	125.0	— 127.0	Hard Clay, Sand, Gravel		Depth Gr. Water: 16.5'					
	127.0		Refusal		622 G5		0.0	— 23.5	Fill	
Elev. Ex. Ground: 15'				23.5		— 29.0	Silty Sand & Shells			
Depth Gr. Water: Not given				29.0		— 44.5	Silt & Shells			
616 G5	0.0	— 17.0	Fill	8		44.5	— 52.0	Medium blue Clay		
	17.0	— 25.0	Fine silty Sand	5		52.0	— 132.0	Soft blue Clay, layers fine Sand & Stones		
	25.0	— 32.0	Silt	4		132.0	— 137.5	Hard fine Sand & Gravel		
	32.0	— 33.5	Blue Clay	15		137.5	— 142.0	Hard Sand, Gravel & Clay, Hard pan		
	33.5	— 39.0	Yellow Clay	18		142.0	— 162.0	Rock, Slate	Cored	
	39.0	— 120.0	Blue Clay	5		Elev. Ex. Ground: 18.2'				
120.0	— 122.5	Hard Sand & Gravel		Depth Gr. Water: Not given						
122.5		Refusal		617 F5	0.0	— 21.5	Fill			
Elev. Ex. Ground: 14.38'					21.5	— 42.0	Silt & little fine Sand			
Depth Gr. Water: 9.0'					42.0	— 45.5	Medium blue Clay			
45.5	— 50.0	Hard yellow Clay			45.5	— 50.0	Hard yellow Clay			
Elev. Ex. Ground: 17.'				Elev. Ex. Ground: 17.2'						
Depth Gr. Water: 13.5'				Depth Gr. Water: 13.5'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
623 G5	0.0	25.0	Misc. Fill		628 G4	0.0	5.0	Fill		
	25.0	30.5	Silty Sand & Shells			5.0	10.0	Fine silty Sand & Gravel	9	
	30.5	42.0	Silt & Shells			10.0	12.0	Silty Sand	5	
	42.0	43.5	Fine Sand & Gravel			12.0	17.0	Silt & Shells	7	
	43.5	50.0	Medium blue Clay			17.0	20.0	Silty Sand	13	
	50.0	65.0	Soft blue Clay			20.0	40.0	Yellow Clay & blue Clay	32	
	65.0	66.5	Sand, Gravel & Clay			40.0	45.0	Yellow Clay	6	
	66.5	133.0	Soft blue Clay			Elev. Ex. Ground:		Not given		
	133.0	151.0	Hard Sand, Gravel & Clay, Hard pan			Depth Gr. Water:		6.0'		
	151.0	171.0	Rock, Slate	Cored		629 G5	0.0	19.5	Fill	
Elev. Ex. Ground: 19.7'					19.5	28.0	Fine Silty Sand	4		
Depth Gr. Water: Not given					28.0	39.0	Silt & Shells	3		
					39.0	50.0	Clay	6		
624 F4					Elev. Ex. Ground: 20.0'					
0.0	14.0	Fill		Depth Gr. Water: 12.5'						
14.0	27.3	Silt, fine Sand & Shells	2	630 G5	0.0	20.0	Fill			
27.3	29.8	Clay, Sand & Gravel	18	0.0	20.0	Fine silty Sand	3			
29.8	33.4	Clay & little fine Sand	12	20.0	27.0	Silt	3			
33.4	45.0	Clay	4	27.0	37.0	Clay	9			
Elev. Ex. Ground: 11.7'					37.0	44.0	Clay	3		
Depth Gr. Water: Not given					44.0	125.0	Sand & Gravel			
					125.0	127.0	Refusal			
625 F4					Elev. Ex. Ground: 20.5'					
0.0	19.0	Fill	7	Depth Gr. Water: 13.5'						
19.0	36.0	Organic Silt	4	631 G5	0.0	19.5	Fill			
36.0	42.0	Fine Sand & Clay	8	0.0	19.5	Silt & fine Sand				
42.0	45.0	Yellow Clay	44	19.5	29.0	Sand	3			
45.0	75.0	Blue Clay	4	29.0	39.0	Silt & Shells	3			
75.0	107.0	Coarse Sand, Gravel, Stones, trace Clay	25	39.0	51.0	Clay	8			
Elev. Ex. Ground: 17.87'					Elev. Ex. Ground: 20.5'					
Depth Gr. Water: 10.0'					Depth Gr. Water: 13.0'					
626 F4					632 G5	0.0	20.5	Fill		
0.0	18.0	Fill	6	20.5	30.5	Siltstone & Shells	3			
18.0	37.5	Organic Silt & Shells	4	30.5	37.0	Silt, little fine Sand & Shells				
37.5	41.5	Fine Sand, some Clay	25	37.0	40.0	Blue Clay, little fine Sand	16			
41.5	44.5	Yellow Clay	20	40.0	47.0	Yellow Clay	17			
44.5	50.0	Blue Clay	5	47.0	55.0	Blue Clay	4			
Elev. Ex. Ground: 16.52'					Elev. Ex. Ground: 20.0'					
Depth Gr. Water: 9.6'					Depth Gr. Water: 14.5'					
627 F4					633 G5	0.0	20.4	Fill		
0.0	17.5	Fill	7	20.4	30.0	Fine Silty Sand & Shells				
17.5	34.0	Organic Silt	3	30.0	35.17	Silt, fine Sand & Shells				
34.0	36.0	Fine Sand & Clay	13	35.17	38.0	Blue Clay, little fine Sand	24			
36.0	41.0	Sand, little fine Gravel	27	38.0	45.0	Yellow Clay, little fine Sand	14			
41.0	44.0	Yellow Clay	12	45.0	53.0	Blue Clay	4			
44.0	78.6	Blue Clay	4	Elev. Ex. Ground: 20.0'						
78.6	87.0	Sand, Gravel, Stones	42	Depth Gr. Water: 14.0'						
87.0		Refusal								
Elev. Ex. Ground: 15.6'										
Depth Gr. Water: 9.0'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
634 G5	0.0	21.5	Fill	3	640 G5	0.0	65.0	Blue Clay, Clay, fine Sand, trace Gravel & Stones	15			
	21.5	28.0	Silty Sand									
	28.0	35.33	Silt, Sand & Shells									
	35.33	37.5	Blue Clay, little fine Sand			18						
	37.5	47.5	Clay, little fine Sand			14						
	47.5	55.0	Blue Clay			4						
	Elev. Ex. Ground: 20.0'						Elev. Ex. Ground: 10.69'					
Depth Gr. Water: 13.5'				Depth Gr. Water: 4.5'								
635 G5	0.0	20.5	Fill	3	641 F4	0.0	29.5	Fill Silt, little silty Sand Coarse Sand, fine Gravel Blue Clay Blue Clay, little fine Sand Sand, Gravel, little Clay Refusal	15			
	20.5	29.0	Silty Sand									
	29.0	33.5	Fine Sand, Silt & Shells									
	33.5	37.0	Blue Clay & fine Sand			12						
	37.0	44.5	Yellow Clay			13						
44.5	53.0	Blue Clay	4									
Elev. Ex. Ground: 20.0'				Elev. Ex. Ground: 18'								
Depth Gr. Water: Not given				Depth Gr. Water: Not given								
636 G5	0.0	14.0	Fill	3	642 G5	0.0	8.5	Fill Silt & Sand Silt Hard blue Clay Soft blue Clay	6			
	14.0	22.0	Fine Sand & Silt									
	22.0	32.5	Silt									
	32.5	48.0	Clay			7						
Elev. Ex. Ground: 20.0'				Elev. Ex. Ground: 7'								
Depth Gr. Water: 10.5'				Depth Gr. Water: Not given								
637 G5	0.0	17.0	Fill	3	643 G5	0.0	6.0	Fill Fine silty Sand Silt Hard blue Clay Soft blue Clay Boulders, Clay	20			
	17.0	23.0	Fine silty Sand									
	23.0	34.0	Silt									
	34.0	125.0	Clay			7						
	Elev. Ex. Ground: 20.0'						Elev. Ex. Ground: 6.0'					
	Depth Gr. Water: Not given						Depth Gr. Water: Not given					
	638 G5	0.0	19.5			Fill	6			644 F4	0.0	16.5
19.5		34.0	Organic Silt & Sand									
34.0		39.0	Blue & yellow Clay	26								
39.0		45.0	Yellow Clay	14								
45.0		71.0	Blue Clay, layers Sand	6								
71.0		112.0	Blue Clay	5								
112.0		118.0	Sand & Gravel, some Stones	66								
118.0			Refusal									
Elev. Ex. Ground: 18.62'				Elev. Ex. Ground: 14'								
Depth Gr. Water: 12'				Depth Gr. Water: Not given								
639 G5	0.0	20.5	Fill	6	644 F4	16.5	19.5	Silt, little fine Sand Peat Sand & Gravel Clay, little fine Sand Yellow Clay Blue Clay	9			
	20.5	35.0	Organic Silt & Shells, fine Sand									
	35.0	41.0	Blue Clay, trace fine Sand			28						
	41.0	45.5	Yellow Clay			18						
	45.5	50.0	Blue Clay			11						
	Elev. Ex. Ground: 18.29'						Elev. Ex. Ground: 14'					
Depth Gr. Water: 18.0'				Depth Gr. Water: Not given								

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
645 F4	0.0	17.6	Fill		650 F4	0.0	20.0	Fill		
	17.6	22.0	Fine silty Sand	2		20.0	31.0	Sandy Silt & Shells		
	22.0	26.0	Silt, little fine Sand & Shells	2		31.0	33.0	Peat	2	
	26.0	29.0	Peat	2		33.0	35.5	Blue Clay	9	
	29.0	31.5	Sand & Gravel	25		35.5	38.5	Yellow Clay, little fine Sand	17	
	31.5	32.6	Blue Clay, little fine Sand	9		38.5	43.0	Yellow Clay & Blue Clay & fine Sand	7	
	32.6	40.0	Yellow Clay, little fine Sand	10	43.0	48.0	Blue Clay & fine Sand	3		
	Elev. Ex. Ground: 14.0'					Elev. Ex. Ground: 18.5'				
	Depth Gr. Water: 7.5'					Depth Gr. Water: 13.0'				
646 F4	0.0	17.5	Fill		651 F4	0.0	25.0	Fill	12	
	17.5	19.0	Silty Sand			25.0	36.0	Sandy Silt & Shells	2	
	19.0	27.0	Silt & fine Sand			36.0	39.0	Yellow Clay	17	
	27.0	30.5	Peat, Sand			39.0	43.5	Yellow Clay, little fine Sand	9	
	30.5	32.0	Fine Gravel	7		43.5	50.0	Blue Clay & fine Sand	3	
	32.0	33.0	Medium blue Clay, little fine Sand	17				Elev. Ex. Ground: 18.0'		
	33.0	38.0	Yellow Clay, little fine Sand	4			Depth Gr. Water: 12.5'			
	38.0	45.0	Blue Clay	4	652 F5	0.0	22.0	Fill		
	Elev. Ex. Ground: 14.5'					22.0	44.0	Silt, little fine Sand		
	Depth Gr. Water: 8.0'					44.0	48.0	Sand, Gravel & Clay		
						48.0	72.0	Medium blue Clay		
647 F4	0.0	23.0	Fill	18		Elev. Ex. Ground: 19.5'				
	23.0	37.0	Sandy Silt & Shells	2		Depth Gr. Water: 16.0'				
	37.0	45.5	Sand, little Gravel	23	653 F5	0.0	25.0	Fill		
	45.5	47.0	Yellow Clay	9		25.0	47.0	Silt		
47.0	51.0	Blue Clay & fine Sand	4	47.0		50.0	Compact fine Sand & Clay			
				50.0		58.0	Medium blue Clay			
	Elev. Ex. Ground: 19.0'					Elev. Ex. Ground: 22.5'				
	Depth Gr. Water: 14.0'					Depth Gr. Water: Not given				
648 F4	0.0	25.0	Fill		654 F5	0.0	22.5	Fill		
	25.0	35.5	Silty Sand & Gravel	6		22.5	45.5	Silt, little Sand & Shells		
	35.5	38.0	Sandy Silt & Shells	2		45.5	50.33	Compact fine Sand		
	38.0	40.5	Peat	3		50.33	59.0	Medium yellow Clay		
	40.5	42.5	Blue Clay, fine Sand	9			Elev. Ex. Ground: Not given			
	42.5	46.0	Yellow Clay	16			Depth Gr. Water: Not given			
	46.0	49.5	Yellow Clay & fine Sand	8	655 F5	0.0	24.0	Fill		
	49.5	55.0	Clay & fine Sand	4		24.0	42.0	Silt		
	Elev. Ex. Ground: 20.9'					42.0	44.0	Compact fine Sand		
	Depth Gr. Water: 14.0'					44.0	60.0	Hard yellow Clay		
649 F4	0.0	14.0	Fill	11		Elev. Ex. Ground: Not given				
	14.0	26.5	Silty Sand & Shells	2		Depth Gr. Water: Not given				
	26.5	29.5	Peaty Sand & Gravel	11						
	29.5	38.5	Yellow Clay	11						
	38.5	45.0	Blue Clay & fine Sand	4						
	Elev. Ex. Ground: 10.9'									
	Depth Gr. Water: 6.0'									

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
656 F5	0.0	21.5	Fill	3	661 F5	0.0	22.8	Misc. Fill				
	21.5	42.5	Silt, fine Sand & Shells			22.8	41.5	Silt, little fine Sand				
	42.5	45.0	Peat			41.5	44.0	Peat				
	45.0	54.0	Blue Clay, little Sand			44.0	46.0	Hard blue Clay				
	54.0	74.5	Blue Clay			46.0	55.0	Medium blue Clay				
	74.5	76.5	Blue Clay, Sand & Gravel					Elev. Ex. Ground: 20'				
	76.5	120.0	Blue Clay, little fine Sand					Depth Gr. Water: 12.5'				
	120.0	123.0	Fine Sand, Gravel & Clay			48	662 F5	0.0		27.0	Misc. Fill	
			Elev. Ex. Ground: 18.0'					27.0		41.0	Silt, little fine Sand & Shells	
			Depth Gr. Water: 12.6'					41.0		43.8	Peat	
				43.8	45.5	Hard blue Clay						
				45.5	55.0	Medium blue Clay						
657 F5	0.0	21.5	Fill	22	663 G4	0.0	18.0	Fill				
	21.5	41.0	Silt, fine Sand & Shells			18.0	36.5	Sandy Silt				
	41.0	44.5	Peat			36.5	50.0	Blue Clay				
	44.5	52.0	Blue Clay & Sand			50.0	70.0	Blue Clay				
	52.0	118.5	Blue Clay			70.0	74.0	Clay & fine Sand				
	118.5	128.0	Blue Clay, little Clay & Gravel			8	74.0	79.0		Fine Sand, Clay, little Gravel		
	128.0	134.25	Fine Sand & little Clay			4	79.0	107.0		Blue Clay & fine Sand		
	134.25	145.0	Fine Sand, Gravel & Clay			4	107.0	135.5		Sand, Gravel, Clay		
			Elev. Ex. Ground: 18.0'				135.5	153.0		Hard pan		
			Depth Gr. Water: 12.0'				153.0	157.0		Slate		
				157.0	179.8	Slate						
						Elev. Ex. Ground: 18.4'						
						Depth Gr. Water: 16.6'						
658 F5	0.0	21.5	Fill	5	664 G4	0.0	20.75	Misc. Fill				
	21.5	42.5	Silt, fine Sand & Shells			20.75	38.0	Silt & fine Sand				
	42.5	46.0	Blue Sand & Clay			38.0	63.5	Blue Clay				
	46.0	52.5	Blue Clay & little Sand			63.5	72.75	Coarse Sand				
	52.5	70.0	Blue Clay			72.75	112.0	Blue Clay Hard pan				
		Elev. Ex. Ground: 17.5'				Elev. Ex. Ground: Not given						
		Depth Gr. Water: Not given				Depth Gr. Water: Not given						
659 F5	0.0	21.5	Fill	12	665 G4	0.0	22.5	Misc. Fill				
	21.5	42.0	Silt, fine Sand, Shells			22.5	36.5	Silt, fine Sand & Shells				
	42.0	47.5	Peat			36.5	38.0	Peat				
	47.5	51.0	Blue Clay & Sand			38.0	39.5	Blue Clay				
	51.0	55.0	Blue Clay			39.5	48.5	Yellow Clay				
	55.0	74.5	Blue Clay, little Sand			5	48.5	62.0		Blue Clay		
	74.5	75.0	Fine Sand, Clay & Gravel			27	62.0	72.0		Clay & fine Sand		
		Elev. Ex. Ground: 18.0'		72.0	74.5	Fine Sand, little Gravel						
		Depth Gr. Water: 12.5'		74.5	79.0	Sand, Gravel & Clay						
660 F5	0.0	29.0	Fill	10	665 G4	79.0	101.0	Blue Clay, fine Sand				
	29.0	43.7	Silt, little fine Sand			101.0	103.0	Coarse Sand				
	43.7	52.0	Medium blue Clay			103.0	105.0	Sand, Gravel, little Clay				
	52.0	70.0	Soft blue Clay					Elev. Ex. Ground: 18.6'				
			Elev. Ex. Ground: 20.0'					Depth Gr. Water: 17.5'				
		Depth Gr. Water: 13.5'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
666 G5	0.0	— 22.0	Fill	4	672 F5	0.0	— 30.5	Misc. Fill	12 5			
	22.0	— 35.5	Silt, fine Sand & Shells			30.5	— 49.0	Silt, fine Sand, Shells				
	35.5	— 37.0	Blue Clay			49.0	— 50.33	Peat, little Sand				
	37.0	— 45.5	Yellow Clay			50.33	— 56.0	Blue Clay, fine Sand				
	45.5	— 60.5	Blue Clay			56.0	— 70.0	Blue Clay				
	60.5	— 78.5	Fine Sand & Clay					Elev. Ex. Ground: 24.0'				
	78.5	— 80.5	Coarse Sand, coarse Gravel, little Clay			26		Depth Gr. Water: 19.6'				
	80.5	— 118.0	Blue Clay			11	673 F5	0.0		— 14.0	Fill	15
	118.0	— 123.0	Sand, Gravel & Clay			21		14.0		— 41.25	Silt, fine Sand	
	123.0	— 125.6	Cemented Sand, Gravel, Clay & Hard pan			60		41.25		— 44.0	Fine Sand	
125.6		Refusal		44.0	— 62.0	Blue Clay						
	Elev. Ex. Ground:	19.1'				Elev. Ex. Ground: 13'						
	Depth Gr. Water:	Not given				Depth Gr. Water: 10.5'						
667 G4	0.0	— 21.75	Fill	20 16 4	674 F3	0.0	— 20.4	Fill	10.50'			
	21.75	— 37.0	Silt, fine Sand & Shells			20.4	— 26.5	Silty Sand				
	37.0	— 38.0	Peat			26.5	— 32.3	Silt, little fine Sand & Shells				
	38.0	— 41.5	Blue Clay			32.3	— 34.2	Soft Peat				
	41.5	— 46.0	Yellow Clay			34.2	— 36.7	Hard coarse Sand & little Gravel				
	46.0	— 51.0	Blue Clay			36.7	— 40.3	Medium yellow Clay				
	Elev. Ex. Ground:	18.1'				Elev. Ex. Ground: 10.50'						
	Depth Gr. Water:	11.25'				Depth Gr. Water: Not given						
668 G4	0.0	— 22.0	Fill	22 16 5	675 F4	0.0	— 12.17	Fill	17.6'			
	22.0	— 37.0	Silt, fine Sand & Shells			12.17	— 23.0	Soft silt & little fine Sand				
	37.0	— 38.25	Peat			23.0	— 29.5	Coarse Sand & little Gravel				
	38.25	— 40.0	Blue Clay					Elev. Ex. Ground: 17.6'				
	40.0	— 46.0	Yellow Clay			22		Depth Gr. Water: Not given				
46.0	— 51.0	Blue Clay	16									
	Elev. Ex. Ground:	17.9'				0.0	— 18.5	Misc. Fill	9			
	Depth Gr. Water:	14.5'				18.5	— 35.0	Organic sandy Silt	4			
669 G4	0.0	— 21.5	Fill	15 8 5	676 G3	35.0	— 35.5	Sand & Gravel	8 12 9			
	21.5	— 36.75	Fine silty Sand & Shells			35.5	— 36.5	Organic silty fine Sand				
	36.75	— 44.0	Blue Clay			36.5	— 39.0	Sand				
	44.0	— 47.5	Yellow Clay			39.0	— 44.0	Yellow Clay				
	47.5	— 54.0	Blue Clay					Elev. Ex. Ground: 15'				
	Elev. Ex. Ground:	18.1'				Depth Gr. Water: 7.3'						
	Depth Gr. Water:	11.75'										
670 F5	0.0	— 35.0	Fill	9	677 G3	0.0	— 15.0	Misc. Fill	7			
	35.0	— 48.0	Silt, fine Sand, Shells			15.0	— 31.0	Organic Silt & fine Sand				
	48.0	— 75.0	Blue Clay			31.0	— 36.0	Organic fine Sand & Gravel				
	Elev. Ex. Ground:	27.31'				36.0	— 46.0	Yellow Clay	41 24			
	Depth Gr. Water:	23.2'										
671 F5	0.0	— 30.5	Misc. Fill	6 15	678 G4	0.0	— 16.5	Misc. Fill	4 3 25 4			
	30.5	— 46.5	Silt, fine Sand, Shells			16.5	— 32.5	Silty Sand, trace Shells				
	46.5	— 47.0	Fine silty Sand			32.5	— 36.5	Coarse Sand, Gravel & Sand				
	47.0	— 51.0	Blue Clay			36.5	— 98.0	Blue Clay				
	Elev. Ex. Ground:	25.87'				98.0	— 105.5	Fine Sand, Gravel & Stones, trace Clay	41			
	Depth Gr. Water:	22.0'				105.5		Refusal				
	Elev. Ex. Ground:	15'										
	Depth Gr. Water:	6.5'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
679 G4	0.0	14.0	Misc. Fill	5	683 K8	0.0	10.0	Fill		
	14.0	30.0	Silty Sand, trace Shells	3		10.0	14.0	Yellow Clay	16	
	30.0	34.0	Sand, Gravel & Stones, some Clay	18		14.0	20.0	Blue Clay & fine Sand	10	
	34.0	36.0	Sand, Gravel & Stones	26		20.0	25.0	Blue Clay	9	
	36.0	101.0	Blue Clay	4		25.0	35.0	Blue Clay, Sand & Gravel	16	
	101.0	111.0	Fine Sand, Gravel, Boulders & Clay	46		35.0	55.0	Blue Clay, fine Sand & Gravel	24	
	111.0		Refusal			55.0	76.0	Fine Sand, Gravel & Clay	98	
Elev. Ex. Ground: 15'					Elev. Ex. Ground: 26.5'					
Depth Gr. Water: 4.5'					Depth Gr. Water: 18.0'					
680 K7	0.0	9.0	Fill		684 K7	0.0	6.5	Fill		
	9.0	16.5	Yellow Clay, fine Sand, Clay			6.5	13.0	Yellow Clay, fine Sand	12	
	16.5	19.0	Blue Clay			13.0	25.0	Blue Clay, layers fine Sand	10	
	19.0	34.5	Sand, Gravel & blue Clay, Sand lenses			25.0	40.0	Blue Clay	5	
	34.5	38.0	Compact coarse Sand, Gravel, Boulders & Clay			40.0	70.5	Blue Clay, Sand, Gravel	49	
	38.0	45.5	Hard fine Sand & Gravel & Clay			70.5	72.0	Shale		
	45.5	53.0	Sand, Gravel, Boulders & Clay, fine Sand	39		Elev. Ex. Ground: 24.5'				
	53.0	67.0	Till	102		Depth Gr. Water: 19'				
	67.0	70.2	Shale			685 K8	0.0	7.0	Fill	
	Elev. Ex. Ground: 29.5'							7.0	13.5	Yellow Clay, little fine Sand
Depth Gr. Water: 12'					13.5		22.0	Blue Clay	9	
681 K7	0.0	6.0	Fill		22.0		61.0	Fine Sand, Clay & Gravel	45	
	6.0	8.5	Yellow Clay, fine Sand, some Gravel	18	61.0		66.5	Sand, Clay, Gravel & Boulders	133	
	8.5	14.0	Yellow Clay, fine Sand	7	66.5	67.0	Shale			
	14.0	25.0	Blue Clay, layer fine Sand	2	Elev. Ex. Ground: 28'					
	25.0	33.0	Sand, Gravel, Clay & layers fine Sand	12	Depth Gr. Water: 9'					
	33.0	42.0	Sand, Gravel & Clay, Stones	21	686 K7	0.0	1.0	Fill		
	42.0	47.5	Sand, Gravel, Boulders & Clay	65		1.0	6.0	Yellow Clay & fine Sand	11	
	47.5	53.5	Fine Sand, Gravel, Stones & Clay	32		6.0	16.0	Blue Clay, some fine Sand	4	
	53.5	55.5	Sand, Gravel, Boulders & Clay	58		16.0	21.0	Blue Clay	7	
	55.5	61.0	Fine Gravel, Sand, Boulders & Clay	83		21.0	23.0	Sand, Gravel & Clay	64	
Elev. Ex. Ground: 27.0'					Elev. Ex. Ground: 17.2'					
Depth Gr. Water: 9'					Depth Gr. Water: Not given					
682 K7	0.0	6.5	Fill		687 K7	0.0	1.0	Concrete		
	6.5	14.5	Yellow Clay, trace fine Sand	8		1.0	5.5	Yellow Clay, fine Sand	12	
	14.5	35.0	Blue Clay, layer fine Sand	3		5.5	10.0	Blue Clay, fine Sand	4	
	35.0	59.0	Blue Clay, Sand & Gravel	27		10.0	19.5	Blue Clay	5	
	59.0	69.0	Fine Sand, Gravel, Clay	99		19.5	49.0	Blue Clay & Gravel	37	
	69.0	70.5	Shale			49.0	61.0	Sand & Gravel	110	
	Elev. Ex. Ground: 24.5'						Elev. Ex. Ground: Not given			
Depth Gr. Water: 35'					Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
688 L8	0.0	30.0	Clay, fine Sand, Gravel & Boulders	72	694	0.0	1.5	Fill	4
	30.0	50.0			K7	1.5	7.5	Medium blue Clay	
						7.5	38.5	Blue Clay	9
						38.5	43.3	Sand	
						43.3	49.0	Coarse Sand, coarse Gravel, little Clay	36
	50.0	78.0	Clay, Sand, & Gravel	70					
	78.0	79.0	Boulders			49.0	52.0	Sand, coarse Gravel, little Clay, Hardpan	96
	79.0	90.0	Clay, Sand, Gravel & Boulders	84					
	90.0	101.0	Boulders						
	101.0	107.0	Fine Sand, Gravel, Boulders						
	Elev. Ex. Ground: 27.0'					Elev. Ex. Ground: 11.92'			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			
689 L8	0.0	12.0	Fill		695	0.0	11.0	Fill	
	12.0	19.0	Blue Clay, little fine Sand	7	L8	11.0	18.0	Sandy Clay	4
	19.0	23.5	Blue Clay	7		18.0	42.0	Clay, little Sand	5
	23.5	27.0	Blue Clay, little fine Sand	15		42.0	53.0	Sand	40
	27.0	31.0	Fine Sand, little Clay	19		53.0	85.0	Sand, Gravel, Boulders, little Clay	90
	31.0	35.0	Clay, Sand & Gravel	45		85.0	120.0	Compact Sand, Gravel, Boulders, little Clay	
	35.0	50.0	Sand, Gravel, Clay, Boulders	73					
	Elev. Ex. Ground: 32.33'					Elev. Ex. Ground: 25.0'			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			
690 L8	0.0	14.0	Fill		696	0.0	12.0	Fill	
	14.0	16.0	Clay, Sand & Gravel	34	L7	12.0	43.0	Blue Clay, layers Sand	6
	16.0	38.0	Clay, fine Sand & Gravel	88		43.0	57.0	Sand & Gravel, little Clay	39
	38.0	50.0	Clay, Sand, Gravel & Boulders	62		57.0	76.0	Fine Sand, Gravel & Boulders, little Clay	76
	Elev. Ex. Ground: 30.0'					76.0	108.0	Sand & Gravel, little Clay	75
	Depth Gr. Water: Not given					108.0	126.0	Compact Sand, Gravel, Boulders & little Clay	
691 L8	0.0	10.0	Fill			126.0	140.0	Little Sand, little Clay & Gravel	150
	10.0	27.0	Blue Clay & Gravel	27					
	27.0	44.0	Clay, Sand, Gravel	53					
	Elev. Ex. Ground: 29.8'					Elev. Ex. Ground: 23'			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			
692 L8	0.0	11.0	Fill		697	0.0	1.5	Fill	
	11.0	32.5	Clay, fine Sand & Gravel Refusal	38	K8	1.5	5.0	Medium blue Clay	
	32.5					5.0	28.1	Blue Clay, little fine Sand	2
	Elev. Ex. Ground: 26.0'					28.1	38.0	Sand, Gravel & Clay	43
	Depth Gr. Water: Not given					Elev. Ex. Ground: 17.69'			
	Depth Gr. Water: Not given					Depth Gr. Water: Not given			
693 L8	0.0	14.0	Fill		698	0.0	14.5	Fill	
	14.0	16.0	Sand, some Gravel, Silt & Clay	91	K7	14.5	20.0	Yellow Clay	12
	16.0	19.0	Fine Sand, little Clay	31		20.0	48.0	Blue Clay	3
	19.0	43.0	Yellow & blue Clay, Gravel, Sand, Boulders, Till	43		48.0	62.0	Sand	20
	43.0		Refusal			62.0	69.5	Sand, Gravel, Clay & Hardpan Refusal	68
	Elev. Ex. Ground: 29.5'					69.5			
	Depth Gr. Water: 17'					Elev. Ex. Ground: 20.0'			
	Depth Gr. Water: 17'					Depth Gr. Water: Not given			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
699 K8	0.0	10.0	Fill		704 L7	0.0	2.0	Fill	
	10.0	15.5	Yellow Clay, little fine Sand	8		2.0	40.0	Hard blue Clay, fine Sand & coarse Gravel	
	15.5	40.0	Blue Clay, little Fill, Sand	4	Elev. Ex. Ground: 7.33'				
	40.0	46.0	Sand	20	Depth Gr. Water: Not given				
	46.0	49.0	Sand, Gravel & Clay	38	705 K8	0.0	1.0	Fill	
	49.0	55.0	Sand, Gravel, Clay, & Hardpan	68		1.0	5.5	Medium yellow Clay	
Elev. Ex. Ground: 29.0'						5.5	15.7	Medium blue Clay	
Depth Gr. Water: Not given						15.7	21.5	Clay, Sand, Gravel	35
700 L8	0.0	10.5	Fill			21.5	27.5	Coarse Sand & Gravel	40
	10.5	16.5	Yellow Clay, little fine Sand	7		27.5	36.0	Sand, Gravel, little Clay	55
	16.5	41.5	Soft blue Clay		36.0	41.0	Fine Sand, little Clay	45	
	41.5	42.0	Fine Sand		41.0	55.5	Blue Clay, Sand & Gravel	75	
	42.0	44.5	Sand, Gravel, Clay, Boulders	78	55.5	62.5	Sand, Gravel, Clay	95	
	44.5	50.6	Sand, Gravel & Clay	67	62.5	75.33	Sand, little fine Gravel	95	
	50.6	65.0	Sand, fine Gravel & Clay	43	75.33	84.75	Coarse Sand & Gravel	90	
	65.0	68.0	Sand, Gravel, Clay, Boulders & Hardpan	88	84.75	92.5	Sand, Gravel & Clay	100	
	68.0		Refusal		Elev. Ex. Ground: 15.0'				
	Elev. Ex. Ground: 28'					Depth Gr. Water: Not given			
Depth Gr. Water: Not given					706 K7	0.0	1.0	Fill	
701 L8	0.0	10.5	Fill			1.0	15.25	Medium blue Clay, little fine Sand	
	10.5	16.5	Yellow Clay, little fine Sand	7		15.25	21.5	Sand, Gravel & Clay	41
	16.5	41.5	Blue Clay	3		21.5	28.0	Hard Clay, Sand, Gravel	
	41.5	42.0	Fine Sand			28.0	52.5	Blue Clay, Sand, & Gravel	50
	42.0	44.5	Sand, Gravel, Clay & Boulders	78		52.5	67.0	Blue Clay, Sand & little Gravel	61
	44.5	50.0	Sand, Gravel, Clay	67	Elev. Ex. Ground: 15'				
50.0	65.0	Sand, fine Sand, Gravel, Clay	42	Depth Gr. Water: Not given					
65.0	68.0	Sand, Gravel, Clay, Boulders & Hardpan	88	707 K8	0.0	9.17	Basement		
68.0		Refusal			9.17	10.8	Clay, fine Sand		
Elev. Ex. Ground: 30.0'						10.8	11.5	Clay, Sand & Gravel	
Depth Gr. Water: Not given						11.5	17.33	Hard yellow Clay	
702 L8	0.0	10.6	Fill			17.33	25.5	Hard blue Clay	
	10.6	18.6	Yellow Clay & fine Sand		11	25.5	41.5	Hard Sand, Gravel & Clay	
	18.6	37.0	Blue Clay	3	41.5	57.0	Hard blue Clay, Sand & Gravel		
	37.0	39.0	Yellow Clay	20	57.0	71.0	Hard Sand, Gravel & Clay		
	39.0	44.0	Sand, Gravel & Clay	21	Elev. Ex. Ground: 26.5'				
44.0	50.0	Sand, Gravel, Clay, Boulders & Hardpan	75	Depth Gr. Water: Not given					
Elev. Ex. Ground: 32.0'					703 L7	0.0	5.5	Fill	
Depth Gr. Water: Not given						5.5	10.2	Clay, Gravel, little Sand	
				10.2		22.0	Hard blue Clay, little fine Gravel		
Elev. Ex. Ground: 7.0'					Depth Gr. Water: 4.2'				
Depth Gr. Water: 4.2'									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
708	0.0	— 1.0	Fill		714	0.0	— 0.25	Concrete	
K8	1.0	— 10.33	Hard yellow Clay		0.25	— 13.38	Fill		
	10.33	— 20.0	Medium blue Clay		13.38	— 15.75	Concrete		
	20.0	— 26.5	Sand & Gravel		15.75	— 17.0	Fine Sand, Gravel & Clay	14	
	26.5	— 62.5	Hard blue Clay, Sand & Gravel		17.0	— 18.0	Yellow Clay & fine Sand	14	
					18.0	— 54.0	Blue Clay, layers fine Sand	7	
	Elev. Ex. Ground: 19'				54.0	— 63.5	Sand	33	
	Depth Gr. Water: Not given				63.5	— 78.0	Sand, Clay, Gravel & Boulders	75	
709	0.0	— 8.0	Fill		Elev. Ex. Ground: Not given				
L7	8.0	— 13.3	Mud		Depth Gr. Water: Not given				
	13.3	— 16.0	Medium yellow Clay		715	0.0	— 2.5	Fill	
	16.0	— 50.5	Medium blue Clay		2.5	— 10.0	Hard yellow Clay		
	50.5	— 60.0	Hard Sand, Gravel & Clay		10.0	— 12.0	Medium blue Clay		
					12.0	— 14.5	Fine Sand & Clay		
	Elev. Ex. Ground: 11.5'			14.5	— 48.8	Medium blue Clay			
	Depth Gr. Water: Not given			48.8	— 51.6	Compact medium Sand			
710	0.0	— 7.4	Fill		51.6	— 54.3	Hard Sand & Gravel Rock or Boulders		
L7	7.4	— 15.2	Silt		Elev. Ex. Ground: 20'				
	15.2	— 18.5	Hard yellow Clay		Depth Gr. Water: Not given				
	18.5	— 24.0	Medium blue Clay		716	0.0	— 1.5	Fill	
	24.0	— 29.5	Medium blue Clay & Sand		1.5	— 7.0	Hard yellow Clay		
	29.5	— 60.2	Medium blue Clay, little fine Sand		7.0	— 14.0	Medium blue Clay		
	60.2	— 67.0	Hard Sand, Gravel & Clay		14.0	— 18.0	Fine Sand & Clay		
711	0.0	— 7.5	Fill		18.0	— 39.5	Medium blue Clay		
L7	7.5	— 10.7	Peat		39.5	— 40.5	Compact fine Sand		
	10.7	— 18.0	Hard yellow Clay		40.5	— 46.0	Hard Clay, fine Sand & Gravel Rock or Boulders		
	18.0	— 58.0	Medium blue Clay		Elev. Ex. Ground: 11.0'				
	58.0	— 74.0	Medium Sand & little Clay		Depth Gr. Water: Not given				
					717	0.0	— 3.5	Fill	
	Elev. Ex. Ground: 18'			3.5	— 10.0	Hard yellow Clay			
	Depth Gr. Water: Not given			10.0	— 33.5	Medium blue Clay			
712	0.0	— 8.2	Fill		33.5	— 44.0	Medium blue Clay & fine Sand		
L7	8.2	— 13.5	Mud		44.0	— 45.3	Sand		
	13.5	— 16.0	Hard yellow Clay		45.3	— 72.0	Hard Sand & Gravel & Clay		
	16.0	— 21.0	Medium yellow Clay, fine Sand		Elev. Ex. Ground: 11.6'				
	21.0	— 45.0	Medium blue Clay		Depth Gr. Water: Not given				
	Elev. Ex. Ground: 12'			718	0.0	— 2.6	Fill		
	Depth Gr. Water: Not given			2.6	— 8.0	Hard yellow Clay			
713	0.0	— 0.25	Concrete		8.0	— 47.0	Medium blue Clay		
K7	0.25	— 17.75	Misc. Fill		47.0	— 48.5	Sand, little Clay		
	17.75	— 19.5	Concrete		48.5	— 54.0	Medium blue Clay		
	19.5	— 59.5	Blue Clay, layers fine Sand	12	54.0	— 58.0	Compact hard Sand		
	59.5	— 61.0	Sand	27	Elev. Ex. Ground: 11.8'				
	61.0	— 74.0	Fine Sand, Clay, Gravel & Boulders	88	Depth Gr. Water: Not given				
	74.0	— 81.5	Sand, fine Gravel & trace Boulders	36					
	81.5	— 88.5	Shale	48					
	Elev. Ex. Ground: 20'								
	Depth Gr. Water: Not given								

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
719 K7	0.0	5.5	Fill		725 K7	0.0	10.5	Fill	5	
	5.5	8.8	Medium blue Clay			10.5	13.0	Yellow Clay	9	
	8.8	13.3	Fine Sand & Clay			13.0	22.0	Blue Clay	5	
	13.3	23.2	Hard blue Clay			22.0	25.0	Fine Sand, Gravel, Clay	11	
	23.2	24.1	Fine Sand			25.0	33.0	Sand, Gravel, some Clay	41	
	24.1	37.5	Medium blue Clay					Elev. Ex. Ground: 27.0'		
	37.5	43.0	Soft blue Clay					Depth Gr. Water: 14.5'		
	43.0	48.8	Firm Sand			726 K8	0.0	13.0	Fill	9
	48.8	51.3	Fine Sand & Clay				13.0	22.0	Yellow Clay	17
	51.3	56.0	Hard Sand, Clay & Gravel				22.0	31.0	Sand, Gravel, Clay	41
		Elev. Ex. Ground: 12'					Elev. Ex. Ground: 20.0'			
		Depth Gr. Water: Not given					Depth Gr. Water: 7.8'			
720 K7	0.0	7.5	Fill		727 K8		0.0	8.5	Fill	19
	7.5	12.8	Hard blue Clay				8.5	13.0	Yellow Clay	7
	12.8	13.3	Clay & Sand				13.0	31.5	Blue Clay	4
	13.3	29.2	Hard blue Clay				31.5	33.5	Fine Sand, Gravel & some Clay	30
	29.2	42.0	Medium blue Clay						Elev. Ex. Ground: 29.0'	
	42.0	47.7	Fine Sand & Clay					Depth Gr. Water: 9.0'		
	47.7	52.0	Hard Sand & Gravel			728 L7	0.0	1.0	Concrete	
			Elev. Ex. Ground: 12'				1.0	2.5	Yellow & blue Clay	13
			Depth Gr. Water: Not given				2.5	15.0	Yellow Clay	17
	721 L7	0.0	13.5	Fill			10	15.0	24.0	Blue Clay
13.5		17.0	Yellow Clay	6	24.0		25.0	Fine Sand, Clay & little Gravel	12	
17.0		24.0	Blue Clay	6				Elev. Ex. Ground: Not given		
24.0		72.0	Blue Clay, layers fine Sand	3				Depth Gr. Water: 1.5'		
72.0		75.0	Sand, Gravel & Clay	25	729 K8		0.0	5.0	Fill	5
			Elev. Ex. Ground: 17.5'				5.0	10.5	Yellow Clay	19
			Depth Gr. Water: Not given				10.5	15.5	Blue Clay	9
722 L7		0.0	9.0	Fill		2	15.5	23.0	Sand, Gravel, Clay	17
		9.0	16.0	Peat & Silt		2	23.0	26.0	Sand, Gravel, Stones, Clay	48
		16.0	19.0	Yellow Clay & blue Clay		17	26.0	34.5	Rock or Boulders Refusal	
	19.0	77.5	Blue Clay, layers fine Sand	3				Elev. Ex. Ground: Not given		
			Elev. Ex. Ground: 18'					Depth Gr. Water: 9.5'		
			Depth Gr. Water: Not given			730 K8	0.0	1.0	Concrete	14
	723 L7	0.0	16.0	Fill			12	1.0	2.0	Fill
		16.0	20.0	Yellow Clay	7		2.0	5.0	Yellow Clay	34
		20.0	24.0	Yellow & Blue Clay	4		5.0	15.0	Yellow Clay, trace Sand & Gravel	34
		24.0	29.0	Blue Clay	2		15.0	17.0	Fine Sand & Clay some Gravel	34
29.0		76.0	Blue Clay, layers fine Sand	2				Elev. Ex. Ground: 91.0'		
76.0		79.0	Fine Sand & Gravel	24				Depth Gr. Water: 3.0'		
			Elev. Ex. Ground: 15.9'		731 K8		0.0	1.0	Hard Till & Stones	38
			Depth Gr. Water: Not given				1.0	4.6	Fill	39
724 K8		0.0	11.5	Fill			12	4.6	10.0	Fine Sand, some Clay, little Gravel
		11.5	13.0	Yellow Clay		14	10.0	17.0	Fine Sand & Clay some Gravel	40
	13.0	29.5	Blue Clay	6				Elev. Ex. Ground: 91.0'		
	29.5	40.0	Sand, Gravel, Clay	32				Depth Gr. Water: 3.0'		
			Elev. Ex. Ground: 29.5'							
			Depth Gr. Water: Not given							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
732 K8	0.0	— 8.0	Fill	22	738 L4	0.0	— 13.0	Misc. Fill	10
	8.0	— 13.0	Fine Sand, Gravel, Clay & Boulders	40		13.0	— 20.0	Fine Sand, some Gravel, trace Clay	30
	Elev. Ex. Ground: Not given					20.0	— 34.0	Fine Sand & Gravel	75
	Depth Gr. Water: 7.0'					Elev. Ex. Ground: 51.78'			
733 K8	0.0	— 6.5	Fill	15		Depth Gr. Water: 18.0'			
	6.5	— 8.5	Yellow Clay	22	739 L4	0.0	— 14.0	Misc. Fill	16
	8.5	— 10.5	Fine Sand, Clay, some Gravel & Boulders	34		14.0	— 25.0	Fine Sand & Gravel, trace Clay	52
	Elev. Ex. Ground: Not given					25.0	— 37.0	Fine Sand & Gravel	102
	Depth Gr. Water: 6.0'					Elev. Ex. Ground: 50.14'			
734 K7	0.0	— 0.5	Hard Till			Depth Gr. Water: 15.0'			
	0.5	— 10.5	Fill	37	740 L4	0.0	— 7.0	Misc. Fill	12
	10.5	— 23.0	Yellow Clay, little fine Sand	23		7.0	— 25.0	Fine Sand & Gravel	63
	23.0	— 67.0	Blue Clay, layers fine Sand	5		Elev. Ex. Ground: 41.86'			
	67.0	— 68.0	Sand & Gravel			Depth Gr. Water: 7.0'			
68.0	— 69.0	Rock, Shale	200	741 L4	0.0	— 12.0	Misc. Fill	17	
Elev. Ex. Ground: 22.6'					12.0	— 18.0	Sand & Gravel	52	
	Depth Gr. Water: 16.0'				18.0	— 29.0	Fine Sand & Gravel	89	
735 K7	0.0	— 1.5	Hard Till & Stone, Concrete			Elev. Ex. Ground: 45.9'			
	1.5	— 8.5	Misc. Fill	8		Depth Gr. Water: 14.0'			
	8.5	— 12.0	Yellow Clay, trace fine Sand	28	742 L4	0.0	— 14.0	Misc. Fill	17
	12.0	— 13.5	Blue Clay, trace fine Sand	10		14.0	— 29.0	Sand & Gravel	70
	13.5	— 46.5	Blue Clay, veins fine Sand	6		Elev. Ex. Ground: 45.90'			
	46.5	— 47.0	Shale, little Gravel			Depth Gr. Water: 14.0'			
47.0		Refusal	200	743 L4	0.0	— 6.0	Fill	8	
Elev. Ex. Ground: 21.0'					6.0	— 13.0	Fine Sand, some Clay	9	
	Depth Gr. Water: 11.0'				13.0	— 23.5	Fine Sand, some Gravel	32	
736 L7	0.0	— 0.5	Macadam			Elev. Ex. Ground: 43.48'			
	0.5	— 9.5	Fill	12		Depth Gr. Water: Not given			
	9.5	— 38.0	Fine Sand & Clay, Gravel	92	744 M4	0.0	— 9.0	Fill	20
38.0		Refusal		9.0		— 25.4	Peaty organic Silt	3	
	Elev. Ex. Ground: Not given				25.4	— 31.0	Yellow Clay, some fine Sand layers	24	
	Depth Gr. Water: Not given				31.0	— 44.9	Yellow Clay	22	
737 K8	0.0	— 8.0	Fill		44.9	— 47.3	Gravel, sandy Clay, Till	48	
	8.0	— 11.5	Peat	4	47.3		Refusal		
	11.5	— 20.7	Blue Clay, little fine Sand	7	Elev. Ex. Ground: 15.8'				
	20.7	— 34.5	Blue Clay, Sand & Gravel & Boulders	32	Depth Gr. Water: 9.0'				
	34.5	— 38.0	Clay, Sand & Gravel	68					
	38.0	— 43.0	Hard Sand						
	43.0	— 52.25	Hardpan						
	52.25	— 66.0	Hard Sand & Clay						
	66.0	— 73.4	Hard Sand, little Gravel & Boulders						
	73.4	— 82.25	Hardpan						
	82.25	— 99.4	Hard fine Sand & Boulders						
99.4	— 101.0	Hard fine Sand & little Clay							
Elev. Ex. Ground: 19.0'									
Depth Gr. Water: 4.8'									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
745 L4	0.0	— 9.0	Fill	9	750 L4	0.0	— 3.0	Fill	6	
	9.0	— 18.4	Peaty organic Silt	2		3.0	— 5.4	Peaty organic Silt	3	
	18.4	— 26.1	Blue Clay & some Gravel	19		5.4	— 12.5	Sand	22	
	26.1	— 26.7	Fine Sand, Clay, some Gravel, Till	93		12.5	— 20.7	Sand, little Clay, little fine Gravel	38	
	26.7		Refusal			20.7	— 38.0	Sand & little Clay	33	
						38.0	— 40.0	Coarse Sand & some Clay	37	
	Elev. Ex. Ground: 18.2'					Elev. Ex. Ground: 45.2'				
	Depth Gr. Water: 5.3'					Depth Gr. Water: 8.2'				
746 L4	0.0	— 7.0	Fill	12	751 L4	0.0	— 11.0	Fill	38	
	7.0	— 11.0	Sandy Clay	24		11.0	— 17.0	Fine Sand & little Clay	37	
	11.0	— 16.0	Yellow Clay	19		17.0	— 27.0	Yellow Clay & fine Sand layers	16	
	16.0	— 21.4	Sandy yellow Clay & some coarse Gravel	56		27.0	— 37.0	Blue Clay & fine Sand layers	12	
	21.4	— 27.0	Sand	32		37.0	— 68.0	Blue Clay	14	
	27.0	— 31.0	Blue Clay	33		68.0	— 73.0	Sand, Clay, some coarse Gravel	29	
	31.0	— 37.0	Sand	33		73.0	— 74.4	Soft Shale	73	
	37.0	— 37.7	Soft Shale	73		74.4		Refusal		
	37.7		Refusal				Elev. Ex. Ground: 43.6'			
		Elev. Ex. Ground: 19.9'					Depth Gr. Water: 11.0'			
	Depth Gr. Water: 8.5'				752 L4	0.0	— 7.0	Misc. Fill	17	
747. L4	0.0	— 7.0	Fill	4		7.0	— 11.0	Sandy yellow Clay	38	
	7.0	— 9.0	Sandy yellow Clay	29		11.0	— 25.7	Fine Sand	42	
	9.0	— 15.0	Fine Sand	33		25.7	— 36.0	Blue Clay	15	
	15.0	— 21.5	Sandy yellow Clay	50		36.0	— 40.0	Sandy blue Clay & little Gravel	48	
	21.5	— 27.7	Sand	42			Elev. Ex. Ground: 32.0'			
	27.7	— 38.0	Fine Sand, some Clay & Gravel, Till	73		Depth Gr. Water: 6.1'				
38.0	— 40.0	Fine Sand, little Clay, Gravel, Till	117	753 L6	0.0	— 12.0	Fill	21		
40.0		Refusal			12.0	— 13.5	Yellow Clay			
	Elev. Ex. Ground: 25.0'					13.5	— 35.0	Blue Clay, trace Gravel, veins Sand	10	
	Depth Gr. Water: 7.0'					35.0	— 52.0	Fine Sand, Clay, Gravel, Boulders, veins Sand	31	
748 L4	0.0	— 0.9	Concrete		7	52.0	— 61.0	Sand, Gravel, Clay & Boulders		
	0.9	— 8.5	Fill		23	61.0	— 61.5	Shale	Cored	
	8.5	— 14.0	Yellow Clay	38	61.5	— 71.5	Rock			
	14.0	— 18.0	Fine Sand, little Yellow Clay	40		Elev. Ex. Ground: 22'				
	18.0	— 28.0	Sand, little Clay, some coarse Gravel	23		Depth Gr. Water: 40.5'				
	28.0	— 39.0	Sandy blue Clay, & Gravel	88	754 L6	0.0	— 7.5	Fill	12	
39.0	— 42.0	Sand, little Clay, Gravel - Till	15	7.5		— 12.0	Yellow & blue Clay			
42.0	— 75.5	Rock		12.0		— 32.0	Blue Clay, veins Sand, veins Gravel	11		
	Elev. Ex. Ground: 19.6'			32.0		— 47.0	Sand, Gravel, veins Clay, Boulders	17		
	Depth Gr. Water: 9.9'			47.0		— 61.0	Fine yellow Sand, trace Gravel, veins Clay, Boulders	13		
749 L4	0.0	— 6.4	Fill	4		61.0	— 62.0	Shale	Cored	
	6.4	— 10.0	Sand & Clay	29	62.0	— 72.0	Shale			
	10.0	— 19.0	Clayey Sand	38		Elev. Ex. Ground: 25.5'				
	19.0	— 25.0	Sandy yellow Clay	22		Depth Gr. Water: 41.5'				
	25.0	— 40.0	Yellow Clay	15						
		Elev. Ex. Ground: 32.2'								
	Depth Gr. Water: 10.0'									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
755 M6	0.0	9.5	Fill		759 L6	0.0	10.5	Fill	
	9.5	16.5	Yellow Clay & fine Sand	12		10.5	14.0	Yellow Clay	20
	16.0	46.0	Blue Clay, veins Sand, veins Gravel	9		14.0	28.0	Blue Clay, trace Gravel, veins fine Sand	12
	46.0	52.5	Sand, veins Gravel	9		28.0	47.0	Sand, Gravel, Boulders, Clay	48
	52.5	65.5	Sand, Clay, Shale	118		47.0	57.0	Fine Sand, veins Sand, Clay, veins Clay	18
	65.5	66.5	Shale			57.0	65.0	Fine Sand, Gravel, Clay, trace Shale	87
	66.5	76.5	Shale	Cored		65.0	66.0	Shale	
Elev. Ex. Ground: 20.5'					Elev. Ex. Ground: 24'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
756 L6	0.0	6.5	Fill		760 M5	0.0	0.4	Concrete	
	6.5	11.0	Sand & Clay	13		0.4	11.5	Fill	
	11.0	36.0	Blue Clay, veins Sand, fine Gravel	11		11.5	40.5	Clay & Sand	22
	36.0	63.0	Blue Clay, fine Sand, Gravel, veins Sand & Gravel, Boulders	24		40.5	55.5	Blue Clay & some Gravel	60
	63.0	68.5	Fine Sand, Gravel, Boulders			55.5	59.5	Yellow Sand	24
	68.5	69.0	Shale			59.5	74.5	Fine Sand, Gravel, Boulders & Shale	169
	69.0	79.0	Shale	Cored		Elev. Ex. Ground: 20.1'			
Elev. Ex. Ground: 20.0'					Depth Gr. Water: Not given				
Depth Gr. Water: Not given					761 M5	0.0	0.25	Hard Till	
757 L6	0.0	12.0	Fill			0.25	10.0	Fill	
	12.0	18.0	Yellow & blue Clay	17		10.0	12.5	Yellow Clay	28
	18.0	37.0	Yellow Clay, Sand, Gravel & Boulders	43		12.5	21.5	Yellow, blue Clay	13
	37.0	51.5	Fine Sand, veins Clay, veins Gravel	19		21.5	39.0	Blue Clay	10
	51.5	59.0	Fine Sand, Gravel, Clay, Boulders			39.0	64.0	Sand, little Clay, some Boulders	36
	59.0	60.0	Shale			64.0	68.0	Sand, Gravel, Clay, some Boulders	113
	60.0	70.5	Shale	Cored	68.0	108.0	Fine Sand, Clay & Shale	200	
Elev. Ex. Ground: 21'					Elev. Ex. Ground: 19.7'				
Depth Gr. Water: Not Given					Depth Gr. Water: 8.5'				
758 L6	0.0	12.0	Fill		762 M5	0.0	10.5	Fill	
	12.0	19.0	Yellow Clay & fine Sand	20		10.5	12.5	Yellow Clay, trace Sand & Gravel	9
	19.0	51.5	Blue Clay, veins fine Sand & Gravel, Boulders			12.5	14.5	Sand, Gravel, Clay & trace Boulders	29
	51.5	61.5	Fine Sand, Clay, Gravel, Shale, Boulders	58		14.5	15.5	Yellow Clay, Sand, Gravel & Clay	10
	61.5	71.5	Shale	Cored		15.5	42.0	Blue Clay, trace Sand & Gravel	12
	Elev. Ex. Ground: 22'						42.0	46.0	Gravel, Sand, Gravel & trace Boulders
Depth Gr. Water: Not given					46.0	53.0	Sand, Gravel, Clay & Boulders	19	
					53.0	60.0	Sand, Gravel & little Clay	51	
					60.0		Refusal Rock or Boulders		
					Elev. Ex. Ground: 22.1'				
					Depth Gr. Water: 6.0'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
763 M5	0.0	— 0.33	Hard Till		766 L5	0.0	— 8.5	Misc. Fill	
	0.33	— 1.0	Cobbles			8.5	— 15.0	Yellow Clay, Sand, Gravel, trace Boulders	27
	1.0	— 13.5	Fill	23		15.0	— 25.5	Blue Clay, Sand & Gravel	16
	13.5	— 15.0	Sand & Gravel	18		25.5	— 30.0	Sand, Gravel & trace Clay	41
	15.0	— 16.0	Yellow blue Clay & trace Gravel	17		30.0	— 43.0	Blue Clay & Gravel, trace Boulders	41
	16.0	— 31.0	Blue Clay	28		43.0	— 50.0	Blue Clay, trace Gravel	12
	31.0	— 37.0	Yellow blue Clay	12		50.0	— 54.0	Sand, Gravel, Clay & trace Boulders	49
	37.0	— 38.0	Unclassified			54.0	— 64.0	Sand & trace Gravel	27
	38.0	— 56.0	Sand, Gravel & Clay, veins Sand & Gravel	17		64.0	— 69.0	Rock	Cored
						69.0	— 85.0	Rock	Cored
	56.0	— 68.0	Fine Sand & Gravel Fill, & Boulders	115					
	68.0	— 71.0	Fine Sand, Gravel & Clay	53					
	71.0	— 71.5	Shale						
71.5	—	Refusal							
Elev. Ex. Ground: 23.3'				Elev. Ex. Ground: 22.4'					
Depth Gr. Water: Not given				Depth Gr. Water: 9.5'					
764 M5	0.0	— 11.5	Misc. Fill		767 L5	0.0	— 0.25	Hard Till	
	11.5	— 15.5	Unclassified			0.25	— 11.5	Fill	
	15.5	— 24.0	Sand, Gravel, trace Clay, Boulders	105		11.5	— 16.5	Yellow blue Clay	12
	24.0	— 29.0	Sand, some Clay, Gravel & Boulders	57		16.5	— 42.0	Blue Clay	10
	29.0	— 54.0	Sand, some Clay, Gravel, Boulders, veins Sand	40		42.0	— 46.0	Sand, Gravel & Boulders	39
	54.0	— 59.0	Fine Sand, Gravel, Clay & Boulders	78		46.0	— 56.0	Fine Sand, Gravel & Boulders	83
	59.0	— 64.0	Shale	187		56.0	— 63.0	Sand & little Clay	40
						63.0	— 83.0	Fine Sand, Gravel & Boulders	200
Elev. Ex. Ground: 20.3'				Elev. Ex. Ground: 23.8'					
Depth Gr. Water: 14.0'				Depth Gr. Water: 7.5'					
765 L5	0.0	— 0.25	Hard Till		768 L5	0.0	— 0.17	Hard Till	
	0.25	— 11.0	Fill			0.17	— 10.5	Fill	
	11.0	— 12.5	Yellow Clay, Sand & Gravel	20		10.5	— 35.0	Unclassified	20
	12.5	— 14.0	Yellow Clay	14		35.0	— 42.0	Sand, veins Clay, trace Gravel	14
	14.0	— 15.0	Blue Clay & Gravel	12		42.0	— 76.0	Fine Sand, veins Clay, veins Gravel	20
	15.0	— 60.0	Blue Clay, Gravel & Boulders	35		76.0	— 76.5	Shale, Rock or Boulders	
	60.0	— 63.0	Fine Sand & Clay	24		76.5	—	Refusal	
	63.0	— 92.0	Shale	Cored					
92.0	— 107.0	Rock	Cored						
Elev. Ex. Ground: 21.5'				Elev. Ex. Ground: 25.0'					
Depth Gr. Water: 7.0'				Depth Gr. Water: 24.5'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
769 L5	0.0	— 3.0	Misc. Fill		773 L5	0.0	— 9.0	Misc. Fill	
	3.0	— 9.5	Tunnel			9.0	— 14.5	Yellow Clay, Gravel & Sand	
	9.5	— 11.5	Fill	17		14.5	— 27.0	Blue Clay	8
	11.5	— 13.0	Yellow Clay			27.0	— 33.0	Sand, Gravel, trace Boulders, Clay	29
	13.0	— 18.0	Yellow Clay & trace Sand	13		33.0	— 35.0	Coarse Sand, Gravel, Boulders & trace Shale	89
	18.0	— 42.5	Blue Clay, veins Sand, veins Gravel	9		35.0	— 36.0	Sand, Gravel, trace Shale	122
	42.5	— 52.0	Sand, Gravel, Clay, Boulders, veins Sand, veins Gravel	35		36.0	— 42.0	Blue Clay & trace Gravel & Sand	43
	52.0	— 61.0	Yellow Sand, veins Clay, veins Gravel	26		42.0	— 86.0	Sand, trace Gravel, veins Clay	35
	61.0	— 66.0	Sand, Gravel, Clay & Boulders	40		86.0	— 90.0	Shale, trace Gravel & Sand	146
	66.0	— 71.0	Shale	270		90.0	— 95.0	Shale	Cored
Elev. Ex. Ground: 26.3'					Elev. Ex. Ground: 34.8'				
Depth Gr. Water: 10.0'					Depth Gr. Water: 34.8'				
770 L5	0.0	— 10.0	Misc. Fill		774 L6	0.0	— 4.0	Fill	17
	10.0	— 23.0	Yellow Clay	16		4.0	— 19.0	Sand & Gravel	29
	23.0	— 58.5	Sand, Gravel, Boulders & Clay	34		19.0	— 24.0	Sandy Gravel, yellow Clay in layers	33
	58.5	— 63.5	Fine Sand & Clay	23		24.0	— 33.5	Fine Sand	50
	63.5	— 84.0	Fine Sand, veins Clay, veins Gravel	20		33.5	— 40.0	Fine Sand & Clay in layers	25
	84.0	— 85.0	Shale	189		40.0	— 42.0	Yellow Clay & Gravel	36
	Elev. Ex. Ground: 31.0'						42.0	— 47.0	Fine Sand, some Gravel & Clay
Depth Gr. Water: 23.0'					47.0	— 51.8	Shale Refusal	300	
771 L5	0.0	— 13.0	Misc. Fill	10	Elev. Ex. Ground: 22'				
	13.0	— 21.0	Yellow Clay, trace Gravel	15	Depth Gr. Water: 6.5'				
	21.0	— 25.5	Sand & Gravel, some Clay	33	775 L6	0.0	— 8.0	Blue Clay	4
	25.5	— 60.0	Fine Sand, Clay, Gravel & Boulders	56		8.0	— 20.0	Sandy Gravel, Clay	45
	60.0	— 85.0	Fine Sand, trace Gravel	23		20.0	— 22.0	Boulders	Cored
	85.0	— 110.0	Shale	143		22.0	— 35.0	Fine Sand, some Gravel & Boulders	70
	110.0	— 125.0	Rock	Cored		35.0	— 49.0	Fine Sand, some fine Gravel, Clay	80
Elev. Ex. Ground: 37.6'						49.0	— 50.0	Rotten Rock	133
Depth Gr. Water: Not given						50.0	— 61.0	Rock	Cored
772 L5	0.0	— 12.0	Fill		Elev. Ex. Ground: 20.0'				
	12.0	— 17.0	Yellow & blue Clay, some Gravel	23	Depth Gr. Water: 0.5'				
	17.0	— 40.0	Yellow & blue Clay	14	776 L6	0.0	— 2.0	Fine Sand, some coarse Gravel	
	40.0	— 70.0	Fine Sand, Clay, Gravel & Boulders	52		2.0	— 14.0	Sand & some Gravel	65
	70.0	— 88.0	Sand, veins Clay, veins Gravel	25		14.0	— 22.0	Sand, some Gravel & Clay	42
	88.0	— 88.5	Shale			22.0	— 24.0	Sandy yellow Clay & Gravel	39
	88.5	— 103.5	Rock	Cored		24.0	— 31.0	Fine Sand	47
	Elev. Ex. Ground: 32.6'						31.0	— 36.0	Fine Sand, & Clay in layers
Depth Gr. Water: Not given						36.0	— 50.5	Sandy Clay & some Gravel, Till	78
						50.5	— 61.0	Rock	Cored
					Elev. Ex. Ground: 22.0'				
					Depth Gr. Water: 3.3'				

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
777	0.0	10.0	Fill	15	782	0.0	1.0	Fill	
K5	10.0	15.0	Yellow Clay	22	L5	1.0	8.0	Yellow Clay	
	15.0	18.0	Blue Clay, veins fine Sand, trace Gravel	18		8.0	10.0	Sand, little Clay	
	18.0	26.0	Blue Clay	14		10.0	14.0	Blue Clay, layers Sand	
	26.0	30.0	Sand, Gravel & Boulders, trace Clay	126		14.0	17.0	Sand & Clay	
			Elev. Ex. Ground: 101.72'			17.0	27.0	Blue Clay, Sand	
			Depth Gr. Water: Not given			27.0	34.0	Medium blue Clay, little Gravel	
778	0.0	8.0	Fill	15		34.0	37.0	Hard Clay, little Gravel	
K5	8.0	14.0	Yellow Clay	20		37.0	41.5	Hard Clay, Gravel, Boulders	
	14.0	30.0	Blue Clay	10		41.5	48.5	Medium blue Clay, Sand, Gravel	
	30.0	51.0	Blue Clay, veins fine Sand	7		48.5	67.0	Rock	
	51.0	60.0	Fine Sand, Gravel, & Stones	114				Elev. Ex. Ground: 30'	
			Elev. Ex. Ground: 97.05'					Depth Gr. Water: Not given	
779	0.0	7.0	Fill	16	783	0.0	8.0	Hard Sand & Clay	
K5	7.0	8.6	Fine Sand & Clay	20	L5	8.0	10.0	Hard yellow Clay	
	8.6	16.0	Yellow Clay, trace fine Sand	22		10.0	12.5	Medium Clay	
	16.0	19.6	Blue Clay	12		12.5	20.5	Medium blue Clay	
	19.6	22.0	Sand, Gravel & Clay	15		20.5	25.0	Medium blue Clay, Sand	
	22.0	52.5	Blue Clay, veins fine Sand	7		25.0	37.0	Medium blue Clay & Gravel	
	52.5	60.0	Sand & Gravel	96		37.0	41.5	Medium blue Clay	
			Elev. Ex. Ground: 99.21'			41.5	48.0	Medium blue Clay, Sand & Gravel	
			Depth Gr. Water: Not given			48.0	53.0	Medium blue Clay, Sand & Gravel & Boulders	
780	0.0	10.6	Fill	26		53.0	60.0	Rock	
K5	10.6	14.0	Yellow Clay	22				Elev. Ex. Ground: 29.75'	
	14.0	29.6	Blue Clay	15				Depth Gr. Water: Not given	
	29.6	30.0	Sand, Gravel & Clay	37	784	0.0	7.5	Hard Sand & Clay	
			Elev. Ex. Ground: 102.70'		L5	7.5	12.0	Sand & Clay	
			Depth Gr. Water: Not given			12.0	15.0	Yellow Clay, Sand	
781	0.0	6.0	Fill	14		15.0	17.0	Hard yellow Clay	
K4	6.0	12.0	Fine Sand & Clay	18		17.0	22.5	Sand & Clay	
	12.0	16.0	Yellow Clay	24		22.5	27.0	Hard Sand, little Clay	
	16.0	25.0	Yellow Clay, veins fine Sand	12		27.0	31.5	Medium blue Clay & fine Sand	
	25.0	33.0	Blue Clay, veins fine Sand	7		31.5	35.0	Hard blue Clay	
	33.0	62.0	Sand, trace Clay	12		35.0	41.0	Hard blue Clay, little Gravel	
	62.0	70.0	Fine Sand, Gravel, trace Clay	94		41.0	43.5	Clay, Sand, Gravel, Boulders	
			Elev. Ex. Ground: 97.32'			43.5	54.0	Hard Clay, fine Sand	
			Depth Gr. Water: Not given			54.0	57.0	Medium blue Clay, fine Sand	
						57.0	61.75	Hard blue Clay, Sand, Gravel, Boulders	
						61.75	62.2	Sof Rock	
						62.2	80.0	Rock	
								Elev. Ex. Ground: 28.75'	
								Depth Gr. Water: Not given	

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
785 L5	0.0	— 16.2	Fill Fine Sand & little Clay		787 K5	0.0	— 3.0	Coarse Sand, Gravel & Clay				
	16.2	— 21.25				3.0	— 10.0			Silt, little Clay	30	
	21.25	— 25.33	Medium blue Clay			10.0	— 34.0	Sand, trace fine Gravel		31		
	25.33	— 28.5	Hard Sand, Gravel, Clay			34.0	— 35.0	Refusal		131		
	28.5	— 36.5	Medium blue Sand, little Clay			Elev. Ex. Ground: 89'		Depth Gr. Water: 21.5'				
	36.5	— 41.8	Hard Sand			788 K5		0.0		— 9.0	Fill	12
	41.8	— 47.5	Soft blue Clay			9.0	— 48.0	Sand, trace Silt		36		
	47.5	— 48.7	Hard Sand, Gravel & Clay, Hard pan			48.0	— 60.5	Fine Sand, little Silt		42		
	48.7	— 55.2	Medium blue Clay			Elev. Ex. Ground: 90.0'		Depth Gr. Water: 31.5'				
	55.2	— 65.5	Hard fine Sand			789 L5		0.0		— 5.5	Fill	33
65.5	— 68.5	Hard Shale, Rock or Boulders	5.5	— 16.5	Sand & Gravel, little Clay	16.5	— 21.0	Sand, Gravel, little Clay & Hard pan				
Elev. Ex. Ground: 28.5'		Depth Gr. Water: Not given		Elev. Ex. Ground: 63.7'				Depth Gr. Water: Not given				
786 L5	0.0	— 6.0	Fine Sand		790 L5	0.0	— 8.0	Fill				
	6.0	— 9.0	Medium blue Clay & fine Sand			8.0	— 15.5	Sand & Gravel		33		
	9.0	— 19.0	Hard blue Clay			15.5	— 25.0	Fine Sand, fine Gravel		30		
	19.0	— 28.0	Hard blue Clay, Stones Hard pan			25.0	— 31.5	Sand, Gravel, little Clay		75		
	28.0	— 29.33	Fine Hard Sand			31.5		Refusal				
	29.33	— 33.7	Fine Sand			Elev. Ex. Ground: 61.9'		Depth Gr. Water: Not given				
	33.7	— 36.75	Hard blue Clay, Stones, Hard pan			791 L5		0.0		— 30.0	Misc. Fill	19
	36.75	— 39.0	Hard fine Sand, Gravel & Clay			30.0	— 32.25	Sand, Gravel, little Clay		37		
	39.0	— 41.0	Fine Sand, little Clay			32.25	— 37.0	Sand, Gravel, Clay, Boulders		40		
	41.0	— 48.0	Hard fine Sand, little Clay & coarse Gravel			37.0		Rock or Boulders				
	48.0	— 52.0	Coarse Sand & Gravel, little Clay			Elev. Ex. Ground: 63.5'		Depth Gr. Water: Not given				
	52.0	— 55.5	Hard blue Clay, Sand, Gravel, Hard pan			792 L5		0.0		— 6.5	Fill	22
	55.5	— 58.0	Rock			6.5	— 8.0	Clay, Sand & Gravel		8.0	— 8.75	
	Elev. Ex. Ground: 30.75'		Depth Gr. Water: Not given			8.75	— 9.25	Boulders				35
				9.25	— 25.0	Yellow Clay, Sand, little fine Gravel	25.0	— 27.5	Sand, Gravel & Clay			
				Elev. Ex. Ground: 68.3'		Depth Gr. Water: Not given						

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No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
793 L5	0.0	6.5	Fill	14	798 L6	0.0	10.0	Fill	15
	6.5	18.0	Sandy yellow Clay	24		10.0	11.0	Sand, trace Clay	7
	18.0	28.0	Fine Sand	34		11.0	20.0	Yellow Clay & Sand	17
	28.0	38.0	Fine Sand & Clay	32		20.0	22.0	Unclassified	
	38.0	45.0	Fine Sand & Clay layers	41		22.0	34.0	Blue Clay, veins Sand & veins Gravel	12
Elev. Ex. Ground: 28'				34.0			50.0	Sand, Gravel, Boulders & some Clay	30
Depth Gr. Water: 12.9'				50.0			57.0	Fine Sand, Gravel & Clay	28
794 L5	0.0	14.0	Fill	8	799 L6	0.0	0.33	Concrete	
	14.0	28.0	Blue Clay, veins fine Sand, veins Gravel	10		0.33	7.0	Open Space	
	28.0	36.4	Sand	28		7.0	7.33	Concrete	
	36.4	51.0	Gravel, veins Clay, some Boulders	27		7.33	12.0	Fill	40
	51.0	62.0	Blue Clay, fine Sand, Gravel, some Boulders	36		12.0	17.0	Fine Sand, some yellow Clay	35
Elev. Ex. Ground: 36.4'				17.0			20.0	Sand & Clay	26
Depth Gr. Water: 24'				20.0			26.0	Blue Clay, fine Sand	9
795 L5	0.0	13.0	Fill	20	800 M5	26.0	32.0	Unclassified	
	13.0	21.0	Yellow Clay & fine Sand	11		32.0	40.0	Blue Clay, veins Sand & Gravel	7
	21.0	26.0	Fine Sand, Gravel & Boulders	27		40.0	42.0	Unclassified	
	26.0	27.5	Coarse Gravel	6		42.0	50.5	Blue Clay, some Gravel	16
	27.5	37.5	Coarse Sand, Gravel & trace Clay	17		50.5	61.0	Shale & Gravel	39
Elev. Ex. Ground: 28.5'				61.0			62.0	Shale	40
Depth Gr. Water: 22.5'				62.0			72.0	Rock	Cored
796 L6	0.0	10.0	Fill	10	Elev. Ex. Ground: 21.8'				
	10.0	14.5	Sand & Gravel	32	Depth Gr. Water: 7.0'				
	14.5	16.5	Blue Clay, some Sand	15	797 L6	0.0	9.5	Fill	14
	16.5	26.5	Blue Clay, veins fine Sand, veins Gravel	16		9.5	19.5	Yellow Clay	10
	26.5	35.0	Blue Clay, fine Sand	16		19.5	52.5	Blue Clay, veins fine Sand, veins Gravel	13
Elev. Ex. Ground: 41.2'				Elev. Ex. Ground: 28.1'					
Depth Gr. Water: 33.0'				Depth Gr. Water: 17.5'					
797 L6	0.0	9.5	Fill	14	799 L6	0.0	0.33	Concrete	
	9.5	19.5	Yellow Clay	10		0.33	7.0	Open Space	
	19.5	52.5	Blue Clay, veins fine Sand, veins Gravel	13		7.0	7.33	Concrete	
	Elev. Ex. Ground: 28.1'					7.33	12.0	Fill	40
	Depth Gr. Water: 17.5'					12.0	17.0	Fine Sand, some yellow Clay	35
				17.0			20.0	Sand & Clay	26
				20.0			26.0	Blue Clay, fine Sand	9
				26.0			32.0	Unclassified	
				32.0			40.0	Blue Clay, veins Sand & Gravel	7
				40.0			42.0	Unclassified	
				42.0			50.5	Blue Clay, some Gravel	16
				50.5			61.0	Shale & Gravel	39
				61.0			62.0	Shale	40
				62.0			72.0	Rock	Cored
				Elev. Ex. Ground: 21.8'					
				Depth Gr. Water: 7.0'					
				800 M5	0.0	0.25	Concrete		
					0.25	8.5	Open		
					8.5	8.83	Concrete		
					8.83	13.0	Fill	36	
					13.0	20.5	Fine Sand, trace Clay	15	
				20.5			24.5	Sand, little Clay	12
				24.5			36.0	Blue Clay, fine Sand	10
				36.0			56.0	Blue Clay & Sand, veins fine Sand, veins Gravel	12
				56.0			59.0	Fine Sand, Gravel & Clay	300
				59.0			67.0	Fine Sand, Gravel, Clay, Boulders & trace Shale	72
				Elev. Ex. Ground: 22.5'					
				Depth Gr. Water: 15.0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To					From	To				
801	0.0	0.1	Clay			804	0.0	14.5	Misc. Fill	4		
L5	0.1	4.0	Fill			M5	14.5	21.0	Organic Silt, trace Sand & Gravel	6		
	4.0	5.5	Concrete	Cored			21.0	33.5	Sand, Gravel, Clay	30		
	5.5	14.5	Yellow Clay	30			33.5	44.5	Blue Clay, little Gravel, veins fine Sand	11		
	14.5	24.0	Fine Sand, Clay, Gravel	65			44.5	59.5	Clay, Sand & Gravel	15		
	24.0	44.0	Sand & Gravel	53			59.5	109.6	Shale	Cored		
	44.0	48.0	Shale	97								
	48.0		Refusal									
	Elev. Ex. Ground: 22.6'						Elev. Ex. Ground: 19.5'					
	Depth Gr. Water: 5.5'						Depth Gr. Water: 9.7'					
802	0.0	13.0	Fill			805	0.0	12.0	Misc. Fill	8		
M5	13.0	31.0	Yellow Clay, Sand, Gravel, Boulders, blue Clay	24		M5	12.0	21.5	Peat, Stone, Sand & Gravel, organic Silt, fine Sand, Clay	5		
	31.0	36.5	Fine Sand, Gravel	11			21.5	23.0	Sandy Clay & Silt			
	36.5	43.0	Sand, Gravel, trace Silt	11			23.0	28.0	Yellow Clay, trace fine Sand	12		
	43.0	79.0	Sand, Gravel, some Clay, trace Silt, Till	50			28.0	29.0	Boulders			
	79.0	90.0	Gravel Clay, Shale	85			29.0	50.5	Yellow Clay, Sand & Gravel, fine Sand, Clay	15		
	90.0	100.0	Shale	Cored			50.5	75.0	Sand, Clay, some Stones, Shale	50		
							75.0	90.0	Shale	Cored		
	Elev. Ex. Ground: Not given						Elev. Ex. Ground: Not given					
	Depth Gr. Water: 7.8'						Depth Gr. Water: Not given					
803	0.0	10.5	Misc. Fill	14		806	0.0	8.5	Misc. Fill	2		
M5	10.5	15.5	Sand, Gravel, Stones, some Clay	18		M5	8.5	13.5	Sand, some Gravel & organic Silt	4		
	15.5	16.5	Clay, trace Gravel	4			13.5	18.5	Organic Silt, Peat	6		
	16.5	17.5	Coarse Sand & Clay	22			18.5	61.0	Fine Sand, some Gravel & Clay	15		
	17.5	19.5	Blue Clay, trace Gravel & Stones	19			61.0	73.5	Fine Sand, Gravel & Clay	14		
	19.5	27.0	Yellow Clay	18			73.5	81.0	Rock	Cored		
	27.0	29.0	Sand, Gravel, Stones, Clay	36			81.0	101.0	Shale Rock	Cored		
	29.0	33.0	Clay, Gravel, Stones	23								
	33.0	40.0	Sand, Gravel, Stones, Clay	18								
	40.0	45.0	Blue Clay, trace Sand, Gravel, & Stones	9								
	45.0	49.0	Blue Clay, veins fine Sand	11								
	49.0	51.5	Sand, Gravel, Stones, trace Clay	43			807	0.0	14.5	Misc. Fill	10	
	51.5	53.5	Blue Clay, Sand, Gravel & Stones	22			M5	14.5	36.0	Yellow Clay, Sand, blue Clay, Gravel & Silt	20	
	53.5	58.5	Coarse Sand, Gravel, trace Clay	25				36.0	43.0	Blue Clay, Gravel, trace Silt	13	
	58.5	63.5	Sand, trace Gravel	24				43.0	54.0	Shale		
	63.5	66.0	Coarse Sand, Gravel & Shells	22				54.0	80.5	Shale	Cored	
	Elev. Ex. Ground: 18.9'						Elev. Ex. Ground: Not given					
	Depth Gr. Water: 5.5'						Depth Gr. Water: 8.2'					
						808	0.0	12.0	Misc. Fill			
						M5	12.0	23.0	Organic Silt, Shells, trace fine Sand	2		
					23.0		34.0	Yellow Clay	18			
					34.0		47.0	Blue Clay, trace Gravel & Sand	16			
					47.0		52.0	Fine Sand, some Gravel, little Clay	18			
					52.0		82.0	Fine Sand, some Gravel & Clay	22			
							Elev. Ex. Ground: 17.0'					
							Depth Gr. Water: 7.0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
809 M5	0.0	— 10.5	Misc. Fill	16	812 M5	0.0	— 11.0	Misc. Fill	10	
	10.5	— 11.5	Peat, trace Sand, Fibers	1		11.0	— 14.0	Fine Sand, Silt, trace Shells	2	
	11.5	— 12.5	Clay, trace Gravel	2		14.0	— 17.0	Peat, Sand layers, Blue Clay, Silt	2	
	12.5	— 14.0	Blue Clay, trace fine Sand	4		17.0	— 30.0	Yellow Clay, blue Clay, trace Silt	15	
	14.0	— 25.0	Yellow Clay, trace fine Sand	9		30.0	— 42.0	Yellow Clay, Sand, Gravel, Silt	12	
	25.0	— 30.0	Yellow Clay, some Gravel, trace fine Sand	10		42.0	— 57.0	Clay, Sand, Gravel, Boulders, Silt	32	
	30.0	— 36.0	Fine Sand, some Gravel, Clay & Stones	10		57.0	— 60.5	Blue Clay, some fine Gravel, little Sand	70	
	36.0	— 41.5	Sand, Gravel, Stones	6		60.5	— 62.75	Sand, Shale		
	41.5	— 58.0	Clay, some Gravel, little fine Sand	20		Elev. Ex. Ground: Not given				
	58.0	— 60.0	Shale	30		Depth Gr. Water: 8.5'				
	60.0	— 68.0	Shale, some Gravel	25		813 L5	0.0	— 28.0	Misc. Fill	12
	68.0	— 73.5	Shale, trace fine Sand	70			28.0	— 38.0	Blue Clay & fine Sand layers	16
	73.5	— 75.0	Shale	Cored			38.0	— 46.0	Blue Clay & little Gravel	12
	Elev. Ex. Ground: 16.9'							46.0	— 58.0	Sandstone & some Gravel Till
Depth Gr. Water: 24.0'					58.0		— 68.25	Cored Rock		
					Elev. Ex. Ground: 98.7'					
810 M5	0.0	— 7.0	Misc. Fill	8	Depth Gr. Water: 19.0'					
	7.0	— 14.0	Void		814 L5	0.0	— 15.0	Misc. Fill	12	
	14.0	— 16.5	Organic Silt, little gravel	8		15.0	— 27.0	Yellow Clay & some Gravel	27	
	16.5	— 33.0	Trace fine Sand, little Gravel	16		27.0	— 29.0	Fine Sand	22	
	33.0	— 71.5	Fine Sand, Gravel & Clay	22		29.0	— 45.0	Sandy blue Clay & little fine Gravel	17	
71.5	— 84.0	Shale, Rock	Cored	45.0		— 54.0	Sand, little Clay & some Gravel	72		
Elev. Ex. Ground: 18.3'					54.0		Refusal			
Depth Gr. Water: 7.33'					Elev. Ex. Ground: 100.7'					
811 M5	0.0	— 10.0	Fill	18	Depth Gr. Water: 19.5'					
	10.0	— 13.0	Peat	3	815 M5	0.0	— 12.0	Misc. Fill	13	
	13.0	— 20.0	Yellow Clay, some Sand, Gravel & Stones	22		12.0	— 16.75	Silty Clay	6	
	20.0	— 25.5	Sand, Gravel, Clay, Stones	20		16.75	— 26.75	Blue Clay & little fine Gravel	20	
	25.5	— 32.0	Blue Clay, trace Gravel, some Stones	8		26.75	— 32.0	Blue Clay	32	
	32.0	— 37.5	Gravel, Stones, Clay, trace Shale	32		32.0	— 43.0	Sand, little Gravel & Clay	65	
	37.5	— 52.5	Sand, Gravel, Stones & Clay	27		43.0		Refusal		
	52.5	— 63.0	Blue Clay, trace Gravel & Stones, veins fine Sand	11		Elev. Ex. Ground: 84.6'				
	63.0	— 76.0	Fine Sand & Shale, some Gravel, little Clay	40		Depth Gr. Water: 12.0'				
	76.0	— 83.0	Sand, Gravel, some Shale, trace Clay							
	83.0	— 92.0	Shale, little Gravel, trace Sand & Clay	70						
	92.0	— 104.0	Shale, trace Sand	95						
	104.0	— 124.0	Shale	Cored						
	Elev. Ex. Ground: 20.5'									
Depth Gr. Water: 7.0'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
816 L5	0.0	— 7.0	Sand & little Gravel	12	821 L6	0.0	— 12.0	Fill	15
	7.0	— 18.0	Fine Sand & Clay in layers	20		12.0	— 19.5	Fine Sand, trace fine Gravel	50
	18.0	— 23.0	Blue Clay	15		19.5	— 38.0	Sand, fine Gravel & Boulders	57
	23.0	— 28.0	Blue Clay & Sand layers	21		38.0	— 58.0	Coarse Sand & Gravel	
	28.0	— 33.0	Sand, Clay & little Gravel	46		58.0	— 61.0	Coarse Sand & fine Gravel	12
	33.0	— 48.0	Fine Sand, Clay & some fine Gravel	51		61.0	— 90.0	Sand, trace fine Gravel	11
	48.0	— 51.4	Clay & some Gravel	80		90.0	— 100.0	Fine Sand	32
	51.4		Refusal			Elev. Ex. Ground:	45.6'		
				Depth Gr. Water:	Not given				
	Elev. Ex. Ground:	95.4'		822 L5	0.0	— 14.5	Fill	10	
	Depth Gr. Water:	16.2'			14.5	— 20.0	Silt, Clay, fine Sand & Gravel	36	
817 L5	0.0	— 10.0	Fill		12	20.0	— 25.0	Fine Sand	37
	10.0	— 15.0	Fine Sand		21	25.0	— 50.0	Gravel & Sand, trace Silt	75
	15.0	— 20.0	Blue Clay & little Gravel	14	Elev. Ex. Ground:	43.31'			
	20.0	— 31.0	Yellow Clay	22	Depth Gr. Water:	Not given			
	31.0	— 53.0	Fine Sand, Silt, some Gravel, little Clay	80	823 L5	0.0	— 14.0	Misc. Fill	8
53.0		Refusal		14.0		— 21.0	Silt, Clay, lenses fine Sand	40	
Elev. Ex. Ground:	97.2'			21.0		— 30.0	Fine Sand, trace Gravel	32	
Depth Gr. Water:	15.0'			30.0		— 70.0	Gravel, Sand & Boulders	52	
818 L5	0.0	— 10.0	Fill		Elev. Ex. Ground:	65.5'			
	10.0	— 20.0	Sand, trace Gravel	14	Depth Gr. Water:	Not given			
	20.0	— 24.5	Coarse Sand, Gravel, Boulders, trace Clay	58	824 L5	0.0	— 2.5	Fill	
	24.5	— 33.0	Blue Clay, trace fine Sand & Gravel	24		2.5	— 4.0	Fine Sand & Gravel, trace Clay	15
	33.0	— 40.5	Blue Clay	6		4.0	— 28.0	Silt, Gravel & Sand, Boulders, trace Clay	41
	40.5	— 51.0	Coarse Sand, Gravel, Boulders, trace Clay	95		28.0	— 53.0	Sand	36
	Elev. Ex. Ground:	39.0'			53.0	— 70.0	Sand & Gravel, trace Boulders	61	
Depth Gr. Water:	27'			Elev. Ex. Ground:	66.9'				
				Depth Gr. Water:	28.0'				
819 L5	0.0	— 13.5	Fill		825 L5	0.0	— 30.0	Fill	
	13.5	— 29.0	Coarse Sand, Gravel & Boulders	55		30.0	— 50.0	Sand, Gravel, trace Clay & Boulders	87
	29.0	— 50.0	Coarse Sand, Boulders, trace Clay	82	Elev. Ex. Ground:	42.0'			
Elev. Ex. Ground:	45.1'			Depth Gr. Water:	Not given				
Depth Gr. Water:	Not given			826 J3	0.0	— 29.5	Fill		
820 L5	0.0	— 17.0	Fill			29.5	— 35.5	Sandy Silt & Shells	
	17.0	— 22.0	Sand & Gravel		35	35.5	— 39.5	Peaty Silt	4
	22.0	— 34.0	Hard Sand, Gravel, Boulders, trace Clay			39.5	— 42.0	Sand & Gravel	11
	34.0	— 45.0	Coarse Sand, Gravel & Boulders, trace Clay		76	42.0	— 49.0	Sand, Gravel, little Clay	26
Elev. Ex. Ground:	46.8'				49.0	— 52.0	Blue Clay, little Sand & Gravel	13	
Depth Gr. Water:	45.0'				52.0	— 54.5	Sand & Gravel	62	
					54.5	— 63.0	Sand & Gravel	59	
				Elev. Ex. Ground:	13'				
				Depth Gr. Water:	Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
827 J3	0.0	— 16.0	Fill	4	833	0.0	— 18.5	Fill	35 8		
	16.0	— 27.5	Silty Sand		J3	18.5	— 32.5	Silty Sand			
	27.5	— 30.5	Sandy Silt & Shells			32.5	— 43.0	Blue Clay			
	30.5	— 38.0	Blue Clay, fine Sand, Gravel			43.0	— 65.0	Blue Clay			
	38.0	— 43.0	Fine Sand, Gravel, little Clay		26	Elev. Ex. Ground: 18'					
	43.0	— 51.0	Fine Sand		15	Depth Gr. Water: Not given					
51.0	— 64.5	Fine Sand, Gravel, little Clay	35	834 J3	0.0	— 17.4	Fill	36 32			
64.5	—	Refusal			17.4	— 21.2	Hard Silt				
Elev. Ex. Ground: 14.41'					21.2	— 24.75	Coarse Silt, Sand, fine Gravel, little Shells				
Depth Gr. Water: Not given					24.75	— 26.5	Soft Blue Clay				
828	0.0	— 15.5	Fill		26.5	— 34.2	Yellow Clay		36		
J3	15.5	— 21.0	Silt, Sand		34.2	— 42.0	Coarse Sand, coarse Gravel, Clay		32		
	21.0	— 24.6	Coarse Sand & Gravel	Elev. Ex. Ground: 17'							
	24.6	—	Refusal	Depth Gr. Water: Not given							
Elev. Ex. Ground: 17.4'				835 L4	0.0	— 7.5	Fill	14 8			
Depth Gr. Water: Not given					7.5	— 16.0	Yellow Clay				
829 J3	0.0	— 14.5	Fill		16.0	— 23.0	Blue Clay				
	14.5	— 29.0	Silty Sand		23.0	— 36.0	Hard fine Sand & Clay, some Gravel & Stones				
	29.0	— 39.5	Fine Sand & Gravel		Elev. Ex. Ground: 21'						
	39.5	— 46.0	Fine Sand		Depth Gr. Water: Not given						
46.0	— 57.6	Fine Sand & Gravel	20 24 39	836 J3	0.0	— 19.7	Fill	59			
Elev. Ex. Ground: 15.6'					19.7	— 22.0	Silty fine Sand				
Depth Gr. Water: Not given					22.0	— 25.0	Clay, Sand, Gravel				
830	0.0	— 16.5	Fill		Elev. Ex. Ground: 19'						
J3	16.5	— 19.0	Silty Sand		Depth Gr. Water: Not given						
	19.0	— 21.0	Sand & Gravel, little Clay		837 J3	0.0	— 26.9		Fill	48	
	21.0	— 29.0	Coarse Sand & Gravel	26.9		— 32.5	Fine silty Sand, little coarse Gravel				
	29.0	— 32.0	Fine Sand, little Clay	32.5		— 45.8	Fine silty Sand & Shells				
	32.0	— 41.5	Sand & Gravel	45.8		— 50.5	Coarse Sand & Gravel				
Elev. Ex. Ground: 18.0'				50.5		— 57.0	Blue Clay				
Depth Gr. Water: Not given				Elev. Ex. Ground: 19.64'							
Depth Gr. Water: Not given				Depth Gr. Water: Not given							
831 J3	0.0	— 13.5	Fill	3	838 J3	0.0	— 19.0	Fill	38 27 16		
	13.5	— 23.5	Silty Sand			19.0	— 25.5	Silty Sand & Wood			
	23.5	— 27.0	Sand, Gravel, little Clay			25.5	— 36.5	Silt, fine Sand & Shells			
	27.0	— 31.0	Coarse Sand, Gravel, little Clay			36.5	— 39.5	Blue Clay, little Gravel			
	31.0	— 38.5	Fine Sand, little Gravel & Clay			39.5	— 45.0	Yellow Clay			
	38.5	— 57.0	Sand & Gravel			45.0	— 56.0	Yellow Clay			
57.0	—	Refusal	55	Elev. Ex. Ground: 17.59'							
Elev. Ex. Ground: 16.8'				Depth Gr. Water: Not given							
Depth Gr. Water: Not given				832 L3	0.0	— 15.0	Fill	16 7 5 61			
832 L3	0.0	— 15.0	Fill		15.0	— 19.0	Yellow Clay, veins fine Sand				
	15.0	— 19.0	Yellow Clay, veins fine Sand		19.0	— 25.5	Yellow Clay				
	19.0	— 25.5	Yellow Clay		25.5	— 31.0	Blue Clay				
	25.5	— 31.0	Blue Clay		31.0	— 36.0	Sand, Gravel, Stones				
	31.0	— 36.0	Sand, Gravel, Stones		36.0	—	Refusal				
36.0	—	Refusal		Elev. Ex. Ground: 26.0'							
Elev. Ex. Ground: 26.0'				Depth Gr. Water: 9'							
Depth Gr. Water: 9'											

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
839 J3	0.0	— 23.0	Fill		844 K4	0.0	— 12.0	Fill	8
	23.0	— 26.0	Silty Sand			12.0	— 23.0	Yellow & blue silty Clay, fine Sand, trace fine Gravel	9
	26.0	— 36.0	Silty Sand & Shells			23.0	— 61.0	Blue silty Clay	3
	36.0	— 38.5	Coarse Gravel & Clay	56		61.0	— 84.0	Sand & Gravel, blue silty Clay	37
	38.5	— 43.0	Yellow Clay	29		84.0	— 85.0	Shale	
	43.0	— 57.0	Yellow Clay	12	85.0	—	Refusal		
	Elev. Ex. Ground: 17.6'				Elev. Ex. Ground: 18.0'				
	Depth Gr. Water: Not given				Depth Gr. Water: 11.0'				
840 K3	0.0	— 9.0	Fill	5	845 K4	0.0	— 10.0	Fill	
	9.0	— 14.0	Blue-yellow Clay, Cobbles	17		10.0	— 30.0	Yellow-blue Clay, yellow Clay, trace Gravel, Sand lenses	5
	14.0	— 20.0	Yellow Clay	15		30.0	— 35.0	Blue Clay, trace coarse Gravel	4
	20.0	— 35.0	Blue Clay	4		35.0	— 50.0	Blue Clay, Sand lenses	3
	35.0	— 55.0	Blue Clay, Sand lenses	3		50.0	— 57.0	Sand, fractured Gravel	60
	55.0	— 57.0	Blue Clay, trace Gravel	3		57.0	— 59.0	Soft Shale	135
	57.0	— 63.0	Sand, some Silt, trace Gravel	22		59.0	— 69.0	Cored	
	63.0	— 73.75	Shale	Cored		Elev. Ex. Ground: 18.1'			
	Elev. Ex. Ground: 18.3'			Depth Gr. Water: 4.7'					
	Depth Gr. Water: 4.0'								
841 K4	0.0	— 12.0	Fill	4	846 L4	0.0	— 10.5	Fill	10
	12.0	— 22.0	Yellow silty Clay, little Gravel	8		10.5	— 12.0	Yellow Clay, some fine Sand	30
	22.0	— 43.0	Blue silty Clay	3		12.0	— 19.0	Yellow Clay	14
	43.0	— 56.5	Sand & Gravel, little Silt	29		19.0	— 23.0	Blue Clay	5
	56.5	— 57.5	Shale - Refusal			23.0	— 39.0	Blue Clay, little Sand, little Gravel	4
	Elev. Ex. Ground: 18.5'				39.0	— 44.0	Sand, some Gravel, trace Clay, little Silt	67	
	Depth Gr. Water: 7.0'				44.0	— 50.0	Fine Sand, some Silt, Gravel, Cobbles	77	
842 L4	0.0	— 8.0	Fill	2	50.0	— 58.0	Fine Sand, some Silt, Gravel	40	
	8.0	— 13.0	Yellow silty Clay, fine Sand, fine Gravel	11	58.0	— 70.0	Mud Stone	Cored	
	13.0	— 18.0	Yellow-blue Silty Clay	2	Elev. Ex. Ground: Not given				
	18.0	— 33.0	Blue silty Clay	3	Depth Gr. Water: 6'				
	33.0	— 39.0	Sand, some Gravel, silty Clay	25					
	39.0	— 63.0	Blue silty Clay, fine Sand, some Gravel	36	847 K4	0.0	— 9.5	Fill	
	63.0	— 65.0	Refusal, Shale	75		9.5	— 12.0	Peat	
Elev. Ex. Ground: 24.2'				12.0		— 13.33	Organic Silt	1	
Depth Gr. Water: 5.0'				13.33		— 28.0	Yellow Clay	9	
				28.0		— 65.0	Blue Clay	3	
843 L4	0.0	— 7.0	Fill	16	65.0	— 70.0	Clay, Sand, & Gravel	4	
	7.0	— 22.0	Sand & fine Gravel, little Silt	24	70.0	— 94.0	Fine Sand, some Silt, trace Clay, little Gravel	85	
	22.0	— 32.0	Sand, & Gravel, trace Silt	22	Elev. Ex. Ground: 17.3'				
	32.0	— 37.0	Sand, coarse Gravel, little Silt	33	Depth Gr. Water: 12'				
	37.0	— 57.0	Sand, Gravel, little Sand	35					
	57.0	— 67.0	Fine Sand, blue silty Clay & fine Gravel, Till	45					
	67.0	— 69.0	Shale	105					
	69.0	—	Refusal						
	Elev. Ex. Ground: 30.4'								
	Depth Gr. Water: 16.5'								

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
848 K4	0.0	— 10.0	Fill		853 K4	0.0	— 10.5	Fill	
	10.0	— 18.0	Yellow silty Clay, trace Gravel, fine Sand	8		10.5	— 11.5	Organic Peat & Silt	1
	18.0	— 60.0	Blue silty Clay	2		11.5	— 13.0	Silty Clay	1
	60.0	— 68.0	Blue silty Clay, Sand, Gravel	16		13.0	— 24.0	Yellow Clay	37
	68.0	— 73.0	Fine Sand, Gravel, some Silt	38		24.0	— 65.0	Blue Clay	4
	73.0	— 74.0	Shale - Refusal			65.0	— 68.0	Silty Clay, little Gravel	16
	Elev. Ex. Ground: 17.8'					68.0	— 73.0	Gravel, fine Sand, some Silt, little Gravel	55
	Depth Gr. Water: 16.0'					73.0	— 75.0	Silty Clay, Sand & Gravel	55
849 K4	0.0	— 7.0	Fill		75.0	— 75.7	Refusal	104	
	7.0	— 17.0	Yellow silty Clay, trace fine Sand	7	Elev. Ex. Ground: 17.1'				
	17.0	— 23.0	Yellow-blue Silty Clay	3	Depth Gr. Water: 19.9'				
	23.0	— 45.0	Blue silty Clay	3	854 K4	0.0	— 10.3	Fill	30
	45.0	— 52.0	Sand & Gravel, Clay, Silt	33		10.3	— 15.3	Yellow Clay, fine Sand, some Silt & Gravel	17
	52.0	— 53.0	Shale - Refusal			15.3	— 20.3	Yellow Clay, Sand lenses, trace fine Gravel	8
Elev. Ex. Ground: Not given				20.3		— 25.3	Yellow Clay, Sand lenses	2	
Depth Gr. Water: 13.6'				25.3		— 30.3	Blue Clay, Sand lenses	2	
850 L4	0.0	— 8.0	Fill	10		30.3	— 45.0	Blue silty Clay, Cobbles, trace fine Gravel	1
	8.0	— 23.0	Sand, fine Gravel, little Silt	12	45.0	— 50.0	Blue Clay, Sand lenses	2	
	23.0	— 35.0	Sand & Gravel, little Silt	22	50.0	— 60.0	Blue Clay, Sand lenses, trace Gravel	4	
	35.0	— 48.0	Sand & fine Gravel, trace Silt	30	60.0	— 77.0	Shale	Cored	
	48.0	— 55.0	Sand, Gravel, little Silt, Clay	54	Elev. Ex. Ground: 18.3'				
	55.0	— 57.0	Shale - Refusal	100	Depth Gr. Water: 5.6'				
	Elev. Ex. Ground: Not given				855 K4	0.0	— 10.0	Fill	
Depth Gr. Water: 8.5'				10.0		— 11.0	Organic Peat	7	
851 K4	0.0	— 10.0	Fill			11.0	— 19.0	Silty Clay	7
	10.0	— 13.0	Organic Silt, little Peat	2		19.0	— 29.0	Yellow silty Clay	8
	13.0	— 25.0	Yellow Clay	28		29.0	— 59.0	Blue Clay, Sand lenses, trace fine Gravel	
	25.0	— 65.0	Blue Clay	2		59.0	— 70.0	Rock	Cored
	65.0	— 78.0	Blue Clay, trace fine Gravel	4	Elev. Ex. Ground: 27.6'				
Elev. Ex. Ground: Not given				Depth Gr. Water: 6.0'					
852 K4	0.0	— 10.0	Fill	19	856 L3	0.0	— 13.0	Fill	
	10.0	— 20.0	Yellow silty Clay	15		13.0	— 23.0	Compact Sand, Gravel, Boulders	
	20.0	— 60.0	Blue silty Clay	3		23.0	— 36.0	Compact fine Sand & Shale	
	60.0	— 70.0	Blue silty Clay, fine Sand layers	4		36.0	— 39.0	Boulders	Cored
	70.0	— 77.0	Fine Sand, Silt & fine Gravel	32		39.0	— 41.0	Compact fine Sand, Gravel, Shale	
	77.0	— 78.5	Shale	35		41.0	— 51.0	Rock	Cored
	Elev. Ex. Ground: 17.6'					Elev. Ex. Ground: 19.4'			
Depth Gr. Water: 15.25'				Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
857 L3	0.0	— 10.5	Fill	1	862 L3	0.0	— 9.5	Fill	6
	10.5	— 13.0	Sand, some Gravel	12		9.5	— 13.0	Sand, Clay, trace Gravel	8
	13.0	— 17.5	Fine Sand, Gravel, trace Clay	25		13.0	— 20.0	Yellow Clay, trace Silt, little varved	12
	17.5	— 20.0	Fine Sand, little Gravel, trace Clay	19		20.0	— 36.0	Varved Clay, trace fine Sand, trace Silt	8
	20.0	— 21.0	Boulders			36.0	— 40.0	Sand, little Gravel, trace Clay	150
	21.0	— 24.0	Clay, fine Sand, little Gravel	13		40.0		Refusal	
	24.0	— 26.0	Fine Sand, some Clay, Gravel, Stones	42				Elev. Ex. Ground: Not given	
	26.0	— 31.0	Fine Sand & Clay, some Gravel	14				Depth Gr. Water: Not given	
	31.0	— 37.5	Fine Sand, Clay, Gravel, Stones	24					
			Elev. Ex. Ground: 13.0'						
		Depth Gr. Water: Not given							
858 L3	0.0	— 20.5	Organic Silty Loam	2	863 L3	0.0	— 10.5	Fill	2
	20.5	— 35.0	Sandy Clay	3		10.5	— 23.0	Sand, trace yellow Clay, trace Sand, little varved	4
	35.0	— 46.0	Blue Clay	11		23.0	— 27.5	Sand, little Gravel, trace Clay	1
	46.0	— 79.0	Yellow Clay	9		27.5	— 33.0	Clay, trace Sand, trace Gravel, trace Silt	7
	79.0	— 89.0	Sand & Gravel	35		33.0	— 39.5	Sand, little Gravel, trace Clay & Silt	9
	89.0	— 94.0	Fine Sand & some Gravel	5				Elev. Ex. Ground: Not given	
	94.0	— 96.0	Blue Clay	64				Depth Gr. Water: Not given	
		Elev. Ex. Ground: 17'							
		Depth Gr. Water: 10.7'							
859 K4	0.0	— 12.9	Fill	11	864 L3	0.0	— 11.0	Sand	
	12.9	— 17.0	Fibrous silty Peat	4		11.0	— 30.0	Yellow Clay, trace Silt	
	17.0	— 19.5	Clayey organic Silt	7		30.0	— 33.9	Boulders	Cored
	19.5	— 20.5	Sand & Clay	24		33.9	— 45.0	Sand, Gravel	
	20.5	— 33.0	Yellow Clay	14				Elev. Ex. Ground: Not given	
	33.0	— 70.9	Clay	4				Depth Gr. Water: Not given	
	70.9	— 77.2	Sand, Clay, some Gravel	72					
	77.2		Refusal						
		Elev. Ex. Ground: Not given							
		Depth Gr. Water: 12.9'							
860 K3	0.0	— 10.0	Misc. Fill		865 L3	0.0	— 9.0	Fill	
	10.0	— 28.0	Organic Sand			9.0	— 34.0	Yellow Clay, trace Silt	3
	28.0	— 76.0	Clay					Sand, Gravel, little Clay, trace Silt	7
	76.0	— 95.0	Clay & Gravel					Elev. Ex. Ground: Not given	
	95.0	— 99.0	Shale & Clay, Rock					Depth Gr. Water: Not given	
99.0	— 118.0	Rock	Cored						
		Elev. Ex. Ground: 19.67'							
		Depth Gr. Water: Not given							
861 K3	0.0	— 9.5	Misc. Fill		866 L3	0.0	— 9.0	Fill	2
	9.5	— 11.0	Peat			9.0	— 26.0	Yellow varved Clay, trace Silt	4
	11.0	— 12.5	Silt			26.0	— 45.0	Varved Clay, trace Silt, Sand, little Gravel	7
	12.5	— 13.5	Clay, trace fine Sand & Gravel					Elev. Ex. Ground: Not given	
	13.5	— 56.5	Clay					Depth Gr. Water: Not given	
	56.5	— 66.0	Clay, veins Gravel						
	66.0	— 71.0	Shale						
71.0	— 80.0	Rock	Cored						
		Elev. Ex. Ground: 18.90'							
		Depth Gr. Water: Not given							
867 L3	0.0	— 4.0	Fill	1	867 L3	0.0	— 4.0	Fill	1
	4.0	— 8.0	Sand, trace Gravel	2		4.0	— 8.0	Sand, trace Gravel	2
	8.0	— 26.0	Yellow varved Clay, trace Silt	4		8.0	— 26.0	Yellow varved Clay, trace Silt	4
	26.0	— 43.0	Varved Clay, trace Silt	8		26.0	— 43.0	Varved Clay, trace Silt	8
	43.0	— 44.0	Sand, Gravel, Shells	9		43.0	— 44.0	Sand, Gravel, Shells	9
		Elev. Ex. Ground: Not given				Elev. Ex. Ground: Not given			
		Depth Gr. Water: Not given				Depth Gr. Water: Not given			

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
868 L3	0.0	— 8.0	Fill	22	874 K3	0.0	— 2.0	Loam	7
	8.0	— 10.0	Yellow Clay, trace Sand & Gravel	27		2.0	— 19.5	Fill	3
	10.0	— 13.0	Sand, Gravel, Stones, Boulders, little Clay	38		19.5	— 30.0	Organic silty Sand, little Shells	3
	13.0	— 16.0	Fine Sand, some Shale, little Gravel	45		30.0	— 35.0	Silty Sand & Gravel	29
	16.0	— 18.0	Shale, little Sand & Gravel	40		35.0	— 42.5	Yellow Clay	18
	18.0	— 28.0	Rock	Cored		42.5	— 47.0	Sand, Gravel, Stones	54
	Elev. Ex. Ground: 25.6' Depth Gr. Water: 15.0'						47.0	— 50.0	Coarse Sand, Gravel, Boulders
869 L3	0.0	— 4.0	Fill	12	875 K3	0.0	— 2.7	Loam	3
	4.0	— 10.5	Yellow Clay	10		2.7	— 20.0	Fill	3
	10.5	— 16.5	Blue Clay	5		20.0	— 35.0	Coarse Sand, Gravel, Boulders, trace Clay	35
	16.5	— 18.0	Sand, Gravel, some Clay, little Shale	17		35.0	— 41.5	Sand, Gravel, Boulders, trace Clay	85
	18.0	— 22.5	Fine Sand, little Gravel & Shale	57		41.5	— 44.0	Shale	120
	22.5	— 25.0	Sand, Gravel & Clay, some Shale	40		Elev. Ex. Ground: 16.9' Depth Gr. Water: 9.0'			
	25.0	— 27.0	Rock	Cored		Elev. Ex. Ground: 18.9' Depth Gr. Water: 11.0'			
870 L3	0.0	— 6.5	Fill	14	876 K4	0.0	— 9.0	Fill	7
	6.5	— 9.5	Yellow Clay, little fine Sand	16		9.0	— 13.5	Peat	3
	9.5	— 27.5	Fine Sand, some Gravel, Boulders, Clay	27		13.5	— 17.0	Yellow Clay, little fine Sand	25
	27.5	— 33.0	Shale, trace Gravel	60		17.0	— 23.0	Yellow Clay	10
	33.0	— 35.5	Rock	Cored		Elev. Ex. Ground: Not given Depth Gr. Water: 8.5'			
871 L3	0.0	— 1.6	Loam		877 K4	0.0	— 10.5	Fill	15
	1.6	— 16.5	Fill	9		10.5	— 19.0	Peat, some organic Silt	4
	16.5	— 26.5	Organic Silt, trace Shells	4		19.0	— 27.0	Yellow Clay	20
	26.5	— 30.0	Blue Clay	10		27.0	— 58.0	Blue Clay	7
872 L3	Elev. Ex. Ground: 17.0' Depth Gr. Water: 13.5'				878 K3	0.0	— 15.0	Fill	2
	0.0	— 6.5	Fill	17		15.0	— 31.0	Silty Sand	
	6.5	— 7.5	Fine Sand	28		31.0	— 32.5	Clay, silty Gravel, Sand, Gravel	6
	7.5	— 10.0	Yellow Clay, little Sand & Gravel	24		32.5	— 33.5	Blue Clay, fine Sand	16
	10.0	— 12.0	Sand, Gravel & Clay	53		33.5	— 43.0	Yellow Clay	14
	12.0	— 14.0	Sand, Gravel, Clay, little Shale	68		43.0	— 46.0	Blue Clay & Gravel	8
873 K3	Elev. Ex. Ground: 14.2' Depth Gr. Water: 6.5'					46.0	— 53.0	Gravel, Sand, little Clay	24
	0.0	— 9.5	Fill	4		53.0	Refusal		
	9.5	— 11.0	Sand & Clay	16		Elev. Ex. Ground: 16.5' Depth Gr. Water: Not given			
	11.0	— 21.0	Sand, Gravel, Clay, Boulders	31					
	21.0	— 23.0	Rock	Cored					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
879 K3	0.0	— 17.5	Fill		885 K3	0.0	— 13.5	Fill		
	17.5	— 28.5	Clay, Sand, Gravel	20		13.5	— 15.0	Silt, little Sand	1	
	28.5	— 36.0	Sand, Gravel, Clay & Boulders	25		15.0	— 27.0	Silty Sand	1	
						27.0	— 29.0	Silty Sand & Gravel	7	
	Elev. Ex. Ground: 18.5'					29.0	— 31.5	Blue Clay, little Sand	18	
	Depth Gr. Water: Not given					31.5	— 35.5	Yellow Clay	12	
880 L3	0.0	— 13.0	Fill			35.5	— 45.0	Yellow Clay, little Sand	8	
	13.0	— 18.0	Yellow Clay	20		45.0	— 47.0	Blue Clay, little Sand	2	
	18.0	— 20.0	Clay, Sand & Gravel	13		47.0	— 49.5	Blue Clay, Sand & Gravel	4	
	20.0	— 26.5	Sand & Gravel	50		49.5	— 55.0	Sand, Gravel & Boulders	14	
	26.5	—	Refusal			55.0	— 60.0	Fine Gravel, Sand	10	
	Elev. Ex. Ground: 24.5'					60.0	— 63.0	Fine Sand, Gravel, little Clay, Boulders	26	
	Depth Gr. Water: Not given							Refusal		
881 K3	0.0	— 5.0	Fill			Elev. Ex. Ground: 16.5'				
	5.0	— 6.5	Clay, Sand & Gravel	7		Depth Gr. Water: 8'				
	6.5	— 12.0	Yellow Clay, little Sand	14	886 K3	0.0	— 16.5	Fill		
	12.0	— 20.5	Medium yellow Clay	3		16.5	— 29.5	Soft Silt		
	20.5	— 24.0	Blue Clay	3		29.5	— 31.0	Blue Clay	5	
	24.0	— 28.0	Clay, Sand, Gravel	8		31.0	— 35.5	Clay	8	
	28.0	— 30.0	Sand, Gravel, Clay	15		35.5	— 61.0	Blue Clay	3	
30.0	— 31.0	Shale	59	61.0		— 64.5	Clay, Sand, Gravel	22		
31.0	—	Refusal				64.5	— 67.5	Sand, Gravel, Stones, Clay	38	
	Elev. Ex. Ground: 25.5'					67.5	— 76.0	Sand & Clay		
	Depth Gr. Water: 6.5'					76.0	— 79.0	Sand & Gravel, Clay	64	
882 L3	0.0	— 3.0	Fill			79.0	—	Refusal		
	3.0	— 7.0	Sand & Gravel	30		Elev. Ex. Ground: 17'				
	7.0	— 10.0	Sand & Gravel	15		Depth Gr. Water: 10.33'				
	10.0	— 11.5	Sand & Gravel	6	887 K3	0.0	— 12.5	Fill		
	11.5	— 41.0	Blue Clay	5		12.5	— 25.0	Silt, little fine Sand		
	41.0	—	Refusal			25.0	— 27.5	Clay & Gravel	12	
	Elev. Ex. Ground: 22.5'			27.5		— 33.0	Yellow Clay, little fine Sand	14		
	Depth Gr. Water: Not given			33.0		— 38.0	Clay, little fine Sand	6		
				38.0		— 45.0	Blue Clay	4		
883 K3	0.0	— 7.5	Fill			Elev. Ex. Ground: 17'				
	7.5	— 26.0	Yellow Clay	12		Depth Gr. Water: 6.17'				
	26.0	— 49.5	Blue Clay	5	888 K3	0.0	— 21.0	Fill		
	49.5	— 59.0	Sand, little Gravel, Clay	48		21.0	— 22.0	Blue Clay	5	
	59.0	— 61.0	Sand, Clay, little fine Gravel, Hardpan	72		22.0	— 23.5	Little Gravel, yellow Clay	18	
	Elev. Ex. Ground: 20.0'			23.5		— 26.0	Sand, Gravel, Boulders	35		
	Depth Gr. Water: Not given			26.0		— 33.0	Sand, Gravel, Boulders	45		
884 K3	0.0	— 21.0	Fill			Elev. Ex. Ground: 18.4'				
	21.0	— 27.0	Silty Sand & Shells			Depth Gr. Water: 11'				
	27.0	— 29.0	Silty Sand, little Gravel & Shells	3						
	29.0	— 35.0	Yellow Clay & little Sand	11						
	35.0	— 37.0	Blue Clay, little Sand, Gravel	6						
	37.0	— 41.5	Clay, Sand, Gravel, & Boulders	18						
	41.5	— 42.5	Sand, Gravel, little Clay & Boulders	35						
	42.5	—	Refusal							
		Elev. Ex. Ground: 17.0'								
		Depth Gr. Water: 11.5'								

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
889 K3	0.0	— 14.5	Fill		894 N8	0.0	— 23.0	Misc. Fill	
	14.5	— 20.0	Silt, fine Sand & Shells			23.0	— 30.0	Organic Silt	3
	20.0	— 21.5	Silty Sand & Gravel			30.0	— 34.0	Yellow Clay	26
	21.5	— 28.0	Yellow Clay	10		34.0	— 34.5	Yellow Clay & Wood	
	28.0	— 37.5	Blue Clay	4		34.5	— 45.0	Wood, trace Clay	
	37.5	— 40.0	Sand, Gravel, little Clay	15		Elev. Ex. Ground:		Not given	
	40.0	— 46.0	Coarse Sand & Gravel	10		Depth Gr. Water:		Not given	
	46.0	— 48.0	Sand, Gravel, Boulders	40					
	Elev. Ex. Ground:	13.1'		895 N8	0.0	— 15.0	Misc. Fill		
	Depth Gr. Water:	6.6'			15.0	— 20.0	Soft organic fibrous Peat		
890 K3	0.0	— 14.5	Fill			20.0	— 31.0	Silt, little fine Sand	2
	14.5	— 25.5	Fine silty Sand & Shells			31.0	— 36.0	Blue Clay, trace fine Gravel	13
	25.5	— 26.5	Blue Clay		4	36.0	— 46.0	Yellow Clay	9
	26.5	— 35.0	Yellow Clay		10	46.0	— 51.0	Silty Clay	6
	35.0	— 67.5	Blue Clay, little fine Sand		4	51.0	— 82.0	Blue Clay	3
	67.5	— 78.0	Clay, Sand, Gravel		8	82.0	— 91.0	Compact Sand, Gravel & Boulders	3
	78.0	— 81.0	Sand, fine Gravel	6	91.0		Refusal		
	81.0	— 85.0	Sand, Gravel, little Clay	45	Elev. Ex. Ground:		Not given		
	Elev. Ex. Ground:	15.2'		Depth Gr. Water:		Not given			
	Depth Gr. Water:	8.33'		896 N8	0.0	— 30.5			
891 K3	0.0	— 16.5	Fill			30.5	— 32.5	Peaty Sand, Wood	3
	16.5	— 18.0	Silt, fine Sand, Shells			32.5	— 34.5	Blue Clay, Wood	10
	18.0	— 30.0	Yellow Clay		11	34.5	— 46.0	Yellow Clay	10
	30.0	— 57.0	Blue Clay, little Gravel		4	46.0	— 52.0	Clay	5
	57.0	— 65.7	Fine Sand, Gravel, Clay		28	Elev. Ex. Ground:		Not given	
	65.7	— 68.0	Sand		32	Depth Gr. Water:		Not given	
	68.0	— 73.0	Shale		34	897 M8	0.0	— 30.0	
	73.0	— 74.0	Sand, Gravel, Clay, Hardpan	38	30.0		— 31.6	Silt	1
74.0	— 74.5	Shale		31.6	— 32.0		Peat	3	
74.5		Refusal		32.0	— 34.0				
	Elev. Ex. Ground:	15.5'		34.0	— 36.0		Clay, Peat	3	
	Depth Gr. Water:	9'		36.0	— 45.0		Yellow Clay	8	
892 K3	0.0	— 11.0	Fill		45.0		— 49.5	Clay	4
	11.0	— 14.0	Silty Sand & Shells		49.5		— 60.0	Blue Clay	6
	14.0	— 20.0	Yellow Clay	15	Elev. Ex. Ground:		Not given		
	20.0	— 39.5	Blue Clay, little Gravel	7	Depth Gr. Water:		Not given		
	39.5	— 45.0	Fine Sand, Gravel, Boulders	48	898 N7	0.0	— 17.0	Organic Silt, trace Shells	1
		Elev. Ex. Ground:	18.3'			17.0	— 19.5	Organic Silt	2
		Depth Gr. Water:	8.5'			19.5	— 34.0	Blue Clay, some Sand & Gravel	25
	893 N8	0.0	— 23.0	Peat			34.0	— 37.0	Coarse Sand & Gravel, trace Shale
23.0		— 31.5	Soft sandy Silt & Shells			37.0	— 40.0	Fine Sand, little organic Silt	30
31.5		— 37.5	Hard blue Clay			40.0		Refusal	
37.5		— 57.5	Yellow Clay			Elev. Ex. Ground:		-8.6'	
57.5		— 82.5	Soft blue Clay			Depth Gr. Water:		Tide	
82.5		— 87.5	Till						
87.5			Refusal						
		Elev. Ex. Ground:	Not given						
	Depth Gr. Water:	Not given							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)				
	From	To				From	To						
899 N7	0.0	— 11.0	Soft organic Silt		904 M8	0.0	— 2.0	Organic Silt & Gravel	10				
	11.0	— 13.0	Blue Clay	6		2.0	— 19.0	Organic Silt	2				
	13.0	— 14.5	Yellow Clay	10		19.0	— 24.0	Peaty organic Silt & Shells	9				
	14.5	— 27.0	Blue Clay, trace Stone, little Sand	14		24.0	— 36.0	Yellow & blue Clay	23				
	27.0	— 35.0	Blue Clay	4		36.0	— 47.5	Yellow Clay	13				
	35.0	— 42.0	Coarse Sand, Gravel, Stones, some Clay	39		47.5	— 59.0	Blue & yellow Clay	10				
Elev. Ex. Ground: 17.8'					59.0				— 69.0	Sand, little Gravel, some Boulders	41		
Depth Gr. Water: Tide					69.0				— 80.0	Boulders	Cored		
900 N7	0.0	— 6.0	Organic Silt		905 M8	0.0	— 25.0	Fill					
	6.0	— 7.5	Organic Silt, trace fine Sand	2		25.0	— 30.0	Organic Silt					
	7.5	— 17.0	Yellow Clay	10		30.0	— 42.0	Yellow Clay	22				
	17.0	— 45.0	Blue Clay	3		42.0	— 63.0	Blue Clay & little fine Gravel	9				
	45.0	— 49.0	Sand, Gravel, Boulders, little Clay	94		63.0	— 72.0	Sandy Clay, Gravel	62				
49.0				Refusal	72.0				Refusal				
Elev. Ex. Ground: 18.9'					Elev. Ex. Ground: -0.8'								
Depth Gr. Water: Tide					Depth Gr. Water: Not given								
901 N7	0.0	— 13.5	Organic Silt, trace fine Sand	1	906 M8	0.0	— 18.0	Fill	15				
	13.5	— 27.0	Yellow Clay	15		18.0	— 21.0	Organic Silt	5				
	27.0	— 59.0	Blue Clay	4		21.0	— 24.0	Silty Clay, Fill	8				
	59.0	— 61.0	Coarse Sand, some Clay, little Gravel	47		24.0	— 36.5	Peaty Silt & Wood	3				
	61.0					Refusal	36.5				— 40.0	Yellow & blue Clay	10
Elev. Ex. Ground: -4.5'					40.0				— 57.0	Sandy blue Clay, little coarse Gravel	18		
Depth Gr. Water: Tide					57.0				— 64.0	Fine Sand, little Clay & some coarse Gravel	29		
902 N7	0.0	— 3.6	Organic Silt		907 M8	0.0	— 7.0	Organic Silt	3				
	3.6	— 7.0	Organic trace fine Sand	2		7.0	— 9.5	Organic Silt & Gravel					
	7.0	— 10.5	Peat	4		9.5	— 14.5	Blue & yellow Clay					
	10.5	— 16.0	Yellow Clay, trace Gravel & Sand	18		14.5	— 21.0	Sandy blue & yellow Clay	25				
	16.0	— 21.0	Yellow Clay	11		21.0	— 32.0	Blue Clay	9				
	21.0	— 57.0	Blue Clay	3		32.0	— 42.0	Fine Sand, Clay & little fine Gravel	64				
	57.0	— 61.0	Sand, Gravel, little Clay	59		42.0	— 47.0	Fine Sand, Clay & little Gravel	110				
61.0				Refusal	47.0				Refusal				
Elev. Ex. Ground: -8.9'					Elev. Ex. Ground: -9.4'								
Depth Gr. Water: Tide					Depth Gr. Water: Not given								
903 M8	0.0	— 8.0	Misc. Fill		908 M8	0.0	— 7.0	Organic Silt	3				
	8.0	— 23.0	Sandy organic Silt			7.0	— 9.5	Organic Silt & Gravel					
	23.0	— 34.0	Hard yellow Clay			9.5	— 14.5	Blue & yellow Clay					
	34.0	— 43.5	Sandy yellow Clay, some coarse Gravel	14		14.5	— 21.0	Sandy blue & yellow Clay	25				
	43.5	— 50.0	Coarse Sand & some coarse Gravel	35		21.0	— 32.0	Blue Clay	9				
50.0				— 60.0	Fine Sand & some fine Gravel, Till	95	32.0				— 42.0	Fine Sand, Clay & little fine Gravel	64
Elev. Ex. Ground: 15.4'					42.0				— 47.0	Fine Sand, Clay & little Gravel	110		
Depth Gr. Water: 11.0'					47.0				Refusal				

BOSTON PENINSULA

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No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
908 M7	0.0	8.0	Organic Silt		913 N8	0.0	15.5	Wood & Bituminous, Space & Water	
	8.0	26.0	Yellow & blue Clay	17		15.5	22.5	Organic Silt	1
	26.0	36.5	Yellow & blue Clay, fine Sand lenses	7		22.5	32.0	Organic Silt & Wood	10
	36.5	46.5	Blue Clay	7		32.0	47.0	Organic silty Sand	7
	46.5	59.0	Blue Clay, fine Sand lenses	6		47.0	67.0	Blue Clay	6
	59.0	68.4	Blue Clay	16		67.0	90.5	Blue Clay, fine Sand lenses	14
	68.4	71.5	Fine Sand	71		90.5	92.4	Sand, Silt, Clay & some Gravel	51
	71.5	78.5	Silty Sand & little coarse Gavel, Till	51		92.4	96.5	Sand	13
	78.5	80.0	Boulders	Cored		96.5	99.8	Fine Sand, little Silt & little Gravel	61
	80.0	81.0	Shale	100		99.8	114.8	Rock	Cored
81.0	91.0	Rock	Cored						
Elev. Ex. Ground: -12.51'					Elev. Ex. Ground: 13.4'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
909 M8	0.0	9.0	Wood deck, Space, Water		914 N8	0.0	1.5	Fill	22
	9.0	32.0	Organic Silt			1.5	9.0	Organic Silt	
	32.0	36.3	Peat			9.0	18.0	Yellow & blue Clay	40
	36.3	50.0	Silty blue Clay, some yellow Clay	35		18.0	22.0	Yellow Clay	13
	50.0	64.0	Blue Clay	9		22.0	50.0	Blue Clay	
	64.0	65.5	Fine Sand, Clay	65		50.0	51.5	Fine Sand	32
Elev. Ex. Ground: 15.66'					Elev. Ex. Ground: -22.21'				Depth
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
910 M8	0.0	6.0	Wood deck, Space, Water		915 N8	0.0	24.3	Wood deck, Space & Water	
	6.0	20.0	Fill	3		24.3	28.5	Organic Silt	1
	20.0	32.0	Organic Silt	2		28.5	50.3	Yellow & blue Clay	18
	32.0	43.0	Blue & yellow Clay	21		50.3	60.0	Blue Clay	9
	43.0	53.7	Yellow Clay	24		60.0	64.9	Sandy blue Clay	14
	53.7	72.0	Sandy blue Clay	17		64.9	73.9	Fine Sand & Clay layers	42
	72.0	85.0	Sand, Clay, some Gravel & Shale, Till	76		73.9	84.9	Sandy blue Clay	10
	85.0	100.07	Rock	Cored		84.9	87.0	Fine Sand, Clay, some Gravel, Till	17
Elev. Ex. Ground: 15.6'					Elev. Ex. Ground: 15.03'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
911 M8	0.0	16.0	Wood deck, Space, Water		916 N8	0.0	9.1	Organic Silt	
	16.0	35.0	Organic Silt			9.0	10.0	Blue & yellow Clay	10
	35.0	63.0	Yellow Clay	27		10.0	58.0	Blue Clay	
	63.0	83.9	Sand, Clay, some Gravel, Till	81		Elev. Ex. Ground: 27.01'			
83.9	93.9	Rock	Cored	Depth Gr. Water: Not given					
Elev. Ex. Ground: 15.9'					917 M8	0.0	18.0	Wood deck, Space & Water	
Depth Gr. Water: Not given						18.0	42.0	Organic Silt	
912 M8	0.0	15.2	Wood deck, Space, Water			42.0	52.0	Yellow Clay	30
	15.2	17.2	Fill	1		52.0	64.0	Blue Clay	
	17.2	40.2	Organic Silt	1	Elev. Ex. Ground: Not given				
40.2	60.0	Yellow Clay	19	Depth Gr. Water: Not given					
Elev. Ex. Ground: 15.45'					918 N8	0.0	19.0	Misc. Fill	6
Depth Gr. Water: Not given						19.0	21.0	Silty Sand	20
				21.0		35.5	Blue Clay	8	
Elev. Ex. Ground: 14.5'					Elev. Ex. Ground: 14.5'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To					From	To		
919 M8	0.0	— 1.0	Concrete	Cored	925 M7	0.0	— 14.0	Misc. Fill	9	
	1.0	— 19.0	Misc. Fill	10		14.0	— 36.5	Organic Silt	3	
	19.0	— 25.0	Yellow Clay, little Gravel	20		36.5	— 46.0	Blue & yellow Clay	25	
	25.0	— 71.5	Fine Sand, little Silt, Gravel, some Clay, Till	93		46.0	— 56.0	Blue Clay	6	
Elev. Ex. Ground:			16.0'		Elev. Ex. Ground:			13.95'		
Depth Gr. Water:			14.0'		Depth Gr. Water:			6.8'		
920 M8	0.0	— 1.0	Concrete & Bituminous	Cored	926 M8	0.0	— 13.0	Misc. Fill	10	
	1.0	— 23.0	Sandy yellow Clay, some Shale			38	13.0	— 38.0	Organic Silt, little fine Sand, Cobbles	5
	23.0	— 28.0	Yellow Clay			41	38.0	— 46.0	Yellow & blue silty Clay	32
	28.0	— 70.0	Sandy Clay, little fine Gravel			33	46.0	— 74.0	Blue Clay	7
	70.0	— 125.0	Fine Sand, little Silt, some Clay, some Gravel, Till			55	74.0	— 96.0	Fine Sand, Clay, some Silt, little Gravel, Boulders, Till	136
	125.0	— 135.0	Rock			Cored	96.0	— 111.0	Rock	Cored
Elev. Ex. Ground:			16.06'		Elev. Ex. Ground:			14.9'		
Depth Gr. Water:			12.5'		Depth Gr. Water:			Not given		
921 M8	0.0	— 7.0	Misc. Fill	28	927 M8	0.0	— 1.0	Clay	Cored	
	7.0	— 36.0	Sandy yellow Clay, little Gravel	57		1.0	— 16.0	Misc. Fill	9	
	36.0	— 46.0	Fine Sand, Clay, & some Gravel	43		16.0	— 24.0	Organic Silt	6	
	46.0	— 50.0	Sandy Clay	44		24.0	— 26.5	Fibrous Peat	4	
	50.0	— 71.5	Fine Sand, Clay, & little Gravel, Till	73		26.5	— 31.0	Sandy blue Clay	13	
Elev. Ex. Ground:			16.2'		31.0	— 54.4	Clay	9		
Depth Gr. Water:			7.0'		54.4	— 55.6	Boulders	Cored		
922 M7	0.0	— 0.3	Concrete	Cored	55.6	— 109.6	Fine Sand, Silt, some Gravel, Till	107		
	0.3	— 4.9	Fill		25	109.6	— 119.6	Rock	Cored	
	4.9	— 6.3	Sand & Gravel		23	Elev. Ex. Ground:			15.7'	
	6.3	— 15.0	Sandy organic Silt		5	Depth Gr. Water:			11.2'	
	15.0	— 31.0	Yellow Clay		23	928 M7	0.0	— 15.0	Misc. Fill	60
	31.0	— 40.0	Yellow & blue Clay, little Gravel		45		15.0	— 30.0	Organic Silt	5
40.0	— 80.0	Sandy Clay, little Gravel, Till	54	30.0	— 48.0		Yellow Clay	63		
80.0	— 98.0	Fine Sand, some Gravel, little Silt, Till	90	48.0	— 72.5		Blue Clay	7		
Elev. Ex. Ground:			16.1'	72.5	— 74.0		Sand, some Gravel, Silt, Till			
Depth Gr. Water:			15.0'	Elev. Ex. Ground:			14.5'			
923 M8	0.0	— 24.0	Misc. Fill	14	Depth Gr. Water:			9.0'		
	24.0	— 26.0	Organic Silt		929 L8	0.0	— 3.0	Fill	2	
	26.0	— 42.5	Yellow Clay	50		3.0	— 15.0	Clayey organic Silt	3	
	Elev. Ex. Ground:			16.9'		15.0	— 21.0	Clayey sandy organic Silt, & little Gravel	13	
Depth Gr. Water:			4.8'	21.0		— 23.5	Silty Sand	14		
924 M8	0.0	— 5.5	Fill	9	23.5	— 33.5	Sandy yellow Clay	9		
	5.5	— 30.0	Organic Silt & Shells	2	33.5	— 70.0	Sandy blue Clay	4		
	30.0	— 47.0	Blue & yellow Clay	19	70.0	— 123.5	Blue Clay	4		
	47.0	— 60.5	Blue Clay	7	123.5	— 130.0	Sand, some Clay, Gravel, trace Clay	18		
	Elev. Ex. Ground:			15.22'	130.0	— 135.0	Sand, Clay, some Gravel	43		
Depth Gr. Water:			7.1'	135.0	— 139.0	Fine Sand, Silt, some Gravel, Till	4			
				139.0	— 143.0	Soft Shale	112			
				Elev. Ex. Ground:			10.8'			
				Depth Gr. Water:						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
930 L8	0.0	— 4.0	Fill	21	933 L8	0.0	— 20.0	Wood deck & Misc. Fill	7
	4.0	— 18.0	Clayey organic Silt	2		20.0	— 28.0	Peaty organic Silt	4
	18.0	— 26.0	Clayey fine Sand	19		28.0	— 30.5	Yellow Clay	12
	26.0	— 32.0	Sandy yellow Clay	12		30.5	— 40.0	Sandy blue Clay	18
	32.0	— 129.0	Sandy blue Clay	6		40.0	— 129.5	Blue Clay	7
	129.0	— 136.0	Fine Sand, little Clay, some Gravel	64		129.5	— 135.0	Coarse Sand, some Gravel & little Clay	56
	136.0	— 141.0	Rock	Cored		135.0	— 137.0	Fine Sand, some Gravel & little Clay	81
						137.0	— 138.0	Shale	112
						138.0		300 lb. Wt. Refusal	
								300 lb. Wt. Refusal	
	Elev. Ex. Ground:	Not given			Elev. Ex. Ground:	Not given			
	Depth Gr. Water:	11.1'			Depth Gr. Water:	9.4'			
931 M8	0.0	— 4.0	Wood deck & Fill	9	934 M8	0.0	— 20.0	Fill	8
	4.0	— 14.0	Clayey organic Silt	3		20.0	— 24.0	Sandy organic Silt	3
	14.0	— 21.0	Organic Silt, some coarse Gravel, Shells	12		24.0	— 26.5	Sand	36
	21.0	— 33.0	Sandy organic Silt, Shells	8		26.5	— 31.0	Sandy yellow Clay	13
	33.0	— 51.0	Sandy blue Clay	12		31.0	— 43.0	Fine Sand, little Clay	21
	51.0	— 129.0	Sandy blue Clay	5		43.0	— 129.5	Blue Clay	6
	129.0	— 138.0	Fine sandy Clay, some Gravel	46		129.5	— 134.5	Sandy blue Clay, Gravel	48
	138.0	— 141.0	Shale	98		134.5		Refusal	
	141.0		300 lb. Wt. Refusal						
		Elev. Ex. Ground:	Not given				Elev. Ex. Ground:	Not given	
	Depth Gr. Water:	4.0'			Depth Gr. Water:	5.0'			
932 M8	0.0	— 3.5	Wood deck & Fill	12	935 M8	0.0	— 7.0	Fill	6
	3.5	— 13.0	Clayey organic Silt, Shells	4		7.0	— 11.0	Sandy organic Silt	6
	13.0	— 17.0	Organic Silt, Shells, some coarse Gravel	54		11.0	— 14.0	Organic silty Sand & Gravel	14
	17.0	— 24.0	Sandy organic Silt & Shells	8		14.0	— 26.0	Silty Sand, some Gravel	10
	24.0	— 30.0	Sandy yellow Clay	13		26.0	— 32.5	Sandy yellow Clay	13
	30.0	— 42.0	Sandy blue Clay	8		32.5	— 43.0	Clayey fine Sand	28
	42.0	— 116.0	Blue Clay	4		43.0	— 120.0	Blue Clay	3
	116.0	— 121.0	Sandy blue Clay, some Gravel	41		120.0	— 127.0	Fine Sand, Clay & some Gravel	46
	121.0	— 123.0	Shale, Boulders			127.0	— 131.0	Fine Sand, Clay & little fine Gravel, Till	82
	123.0		300 lb. Wt. Refusal			131.0		300 lb. Wt. Refusal	
	Elev. Ex. Ground:	Not given			Elev. Ex. Ground:	Not given			
	Depth Gr. Water:	11.5'			Depth Gr. Water:	4.0'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
936 M8	0.0	8.0	Fill	6	939 M8	0.0	23.0	Fill	10
	8.0	14.0	Sandy organic Silt	6		23.0	37.0	Organic Silt, trace Shells	5
	14.0	20.0	Organic Silt & Shells	9		37.0	74.0	Yellow Clay	9
	20.0	24.5	Sandy organic Silt, some coarse Gravel	18		74.0	80.0	Fine Sand, some Silt, little fine Sand	36
	24.5	28.0	Silt, Gravel & Boulders	114		80.0	91.6	Cobbles	Cored
	28.0	32.5	Organic Silt, Gravel & Shells	8		91.6	95.0	Fine Sand, some Silt, & fine Gravel	40
	32.5	38.0	Clayey organic Silt	3		95.0	110.0	Cobbles	Cored
	38.0	100.0	Blue Clay	5		110.0	130.17	Talc & Shale	Cored
	100.0	105.0	Fine Sand, Clay, some fine Gravel, Till	41		Elev. Ex. Ground:		Not given	
	105.0	118.5	Fine Sand, some Clay & some fine Gravel, Till 300 lb. Wt.	81		Depth Gr. Water:		Not given	
	118.5		Refusal			940 N7	0.0	17.6	Fill & Wood
Elev. Ex. Ground: Not given				17.6	33.6		Organic Silt	4	
Depth Gr. Water: 5.0'				33.6	60.0		Yellow Clay	6	
937 M8	0.0	10.0	Fill	40	60.0		95.0	Yellow Clay, trace Sand	5
	10.0	16.5	Organic Silt & trace Peat	3	95.0		103.0	Sand, some Gravel, trace Silt	30
	16.5	18.0	Fine Sand, some Silt, some Gravel, little Clay	4	103.0	129.0	Talc, Rock	Cored	
	18.0	20.0	Wood, Cobbles & little fine Sand	16	Elev. Ex. Ground: Not given				
	20.0	24.0	Silty Sand, some Gravel, trace Wood	14	Depth Gr. Water: Not given				
	24.0	34.0	Organic Silt, trace Peat	2	941 14	0.0	15.5	Fill	
	34.0	37.5	Organic Silt & Peat	2		15.5	21.25	Silt	
	37.5	65.0	Yellow Clay	14		21.25	21.25	Silt & Shells	
	65.0	83.0	Fine Sand, some Silt, little fine Gravel	35	21.25	38.5	Soft Peat		
	83.0	96.0	Fine Sand, Silt, some Gravel, Rock	33	38.5	47.5	Medium blue Clay	5	
	96.0	116.0	Rock	Cored	47.5	55.5	Sand, Gravel & Clay	25	
Elev. Ex. Ground: Not given				Elev. Ex. Ground:		14.5'			
Depth Gr. Water: 12.9'				Depth Gr. Water:		Not given			
938 M8	0.0	10.0	Misc. Fill	2	942 14	0.0	9.8	Fill	
	10.0	24.5	Sandy organic Silt	2		9.8	12.0	Silt	
	24.5	27.5	Blue Clay	4		12.0	15.0	Silty Sand & Gravel	
	27.5	36.5	Yellow Clay	10		15.0	16.2	Hard blue Clay, little Gravel	
	36.5	55.0	Sandy blue Clay, some coarse Gravel	14		16.2	24.0	Hard yellow Clay, little Sand & Gravel	
	55.0	75.0	Fine Sand, some Gravel, little Clay	18	Elev. Ex. Ground: Not given				
	75.0	77.0	Boulders	Cored	Depth Gr. Water: Not given				
	77.0	107.0	Till, fine Sand, Gravel, some Clay	150	943 13	0.0	1.0	Loam	
	107.0	126.75	Rock	Cored		1.0	31.0	Misc. Fill	3
	Elev. Ex. Ground: Not given					31.0	46.5	Organic Silt	1
	Depth Gr. Water: Not given					46.5	51.4	Sand, some Gravel	30
				51.4	63.0	Medium blue Clay	7		
				Elev. Ex. Ground:		15.0'			
				Depth Gr. Water:		12.0'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
944 13	0.0	4.0	Basement		949 H5	0.0	27.0	Fill			
	4.0	22.25	Space			27.0	30.0	Silt			
	22.25	33.5	Silt & Shells			30.0	31.0	Coarse Sand & Gravel			
	33.5	34.25	Wood			31.0	35.0	Hard yellow Clay, little Sand			
	34.25	36.25	Siltstone								
	36.25	37.75	Soft blue Clay								
	37.75	45.3	Hard Sand, Gravel & Clay					Elev. Ex. Ground: 19.0'			
					Depth Gr. Water: Not given						
		Elev. Ex. Ground: 15'									
		Depth Gr. Water: Not given									
945 14	0.0	15.3	Fill		950 H5	0.0	25.0	Fill			
	15.3	18.0	Soft Silt & Sand			25.0	27.5	Silty Sand			
	18.0	22.8	Silt, little fine Sand			27.5	30.5	Sand & Gravel			
			Soft Silt, little fine Sand			30.5		Yellow Clay			
	22.8	34.8	Soft Silt, little fine Sand					Elev. Ex. Ground: 19'			
	34.8	39.6	Silty Peat, little fine Sand					Depth Gr. Water: Not given			
	39.6	40.5	Sand, little Peat			951 H5	0.0	18.0		Fill	3
40.5	46.0	Hard blue Clay, little fine Sand	18.0	22.5	Silt, Sand						
		Elev. Ex. Ground: 12'			22.5	26.0	Fine Sand, Gravel, little Clay	9			
		Depth Gr. Water: Not given			26.0	35.0	Hard fine Sand, little fine Gravel				
								16			
							Elev. Ex. Ground: 18'				
							Depth Gr. Water: Not given				
946 14	0.0	22.5	Fill		952 H5	0.0	9.0	Fill			
	22.5	24.0	Sand, Gravel, little Silt			9.0	15.0	Silt, Sand			
	24.0	26.0	Wood & Silt			15.0	21.0	Fine Sand, little Clay			
	26.0	38.5	Silt & little fine Sand			21.0	28.0	Hard fine Sand, little Clay			
	38.5	40.3	Silty Peat								
	40.3	42.0	Hard fine Sand, little Peat			28.0	35.0	Hard Sand			
	42.0	45.0	Hard Sand, coarse Gravel, little Clay					Elev. Ex. Ground: 19.0'			
45.0	50.0	Hard blue Clay			Depth Gr. Water: Not given						
		Elev. Ex. Ground: 13.7'									
		Depth Gr. Water: Not given									
947 14	0.0	18.0	Misc. Fill		953 H5	0.0	10.6	Fill			
	18.0	21.5	Soft Silt & little Sand			10.6	35.0	Hard coarse Sand, Gravel & Boulders			
	23.5	29.0	Fine silty Sand					Elev. Ex. Ground: 12.0'			
	21.5	23.5	Silt, little fine Sand					Depth Gr. Water: Not given			
	29.0	40.5	Soft Silt & Shells			954 I5	0.0	3.5		Gravel & Boulders	17
	40.5	42.5	Peat				3.5	18.0		Hard Sand, Gravel, Boulders	
	42.5	43.5	Fine Sand, Gravel, little Clay			18.0	35.0	Hard fine Sand, little Gravel, Boulders			
43.5	45.0	Hard blue Clay, little Gravel			Elev. Ex. Ground: 6.5'						
45.0	48.0	Hard Clay & Gravel			Depth Gr. Water: Not given						
		Elev. Ex. Ground: 14'									
		Depth Gr. Water: Not given									
948 14	0.0	7.8	Fill		955 I5	0.0	7.5	Fill			
	7.8	16.0	Peat			7.5	10.0	Fine Sand, little Clay			
	16.0	35.5	Silt & Sand			10.0	14.5	Hard yellow Clay, little Sand & Gravel			
	35.5	41.5	Medium coarse Sand								
	41.5	50.0	Coarse Sand & Gravel, little Clay			14.5	17.0	Fine Sand			
			Elev. Ex. Ground: 17'					17.0		26.0	Hard coarse Sand, Gravel & Boulders
			Depth Gr. Water: Not given					26.0		35.0	Hard coarse Sand
							Elev. Ex. Ground: 13.5'				
							Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
956 15	0.0	12.0	Fill		962 15	0.0	22.0	Fill	
	12.0	18.5	Soft Peat			22.0	35.5	Peat	4
	18.5	19.5	Soft Dirt, Coarse Dirt, Sand & Gravel			35.5	38.0	Blue Clay, Sand & Gravel	2
	19.5	23.5	Fine Sand, little Clay			38.0	42.0	Medium blue Clay, little Sand, Gravel	8
	23.5	27.6	Medium blue Clay, little Sand & Gravel			42.0	46.0	Medium blue Clay, little Gravel	9
	27.6	36.6	Hard yellow Clay Hard medium Sand			46.0	50.0	Coarse Sand & Gravel	
Elev. Ex. Ground: 14.0'					Elev. Ex. Ground: 18.9'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
957 15	0.0	16.5	Fill		963 15	0.0	12.5	Fill	
	16.5	37.0	Peat	4		12.5	15.5	Peat, Silt Hard Clay, Sand & Gravel	3
	37.0	40.0	Soft blue Clay, little Gravel	5		20.0	23.0	Hard yellow Clay	14
	40.0	45.0	Medium blue Clay, little Sand	14		23.0	26.0	Hard Sand, Gravel, Clay	47
	Elev. Ex. Ground: 14'						26.0	35.0	Hard coarse Sand & Gravel
Depth Gr. Water: Not given					35.0	45.0	Soft coarse Sand & Gravel	8	
958 15	0.0	22.0	Fill		45.0	61.0	Hard coarse Sand & Gravel	11	
	22.0	36.0	Peat		61.0	68.0	Hard Sand & Gravel, little Clay	13	
	36.0	38.5	Soft blue Clay	12	68.0	80.0	Hard Sand, Gravel, Clay & Boulders	33	
	38.5	45.5	Medium blue Clay, little Gravel	5	Elev. Ex. Ground: 20.0'				
	45.5	53.6	Soft blue Clay, little Sand	15	Depth Gr. Water: Not given				
Elev. Ex. Ground: 17'					964 15	0.0	3.5	Loam Sand, Gravel & Boulders	
Depth Gr. Water: Not given						3.5	12.0	Fine Sand, little fine Gravel	6
959 15	0.0	22.5	Fill			12.0	17.5	Fine Sand, little fine Gravel	10
	22.5	30.0	Peat	4		17.5	21.5	Fine Sand	8
	30.0	40.0	Peat, Silt Sand, Gravel & Clay	3		21.5	27.0	Fine sand & little Clay	10
	40.0	46.0	Sand, Gravel & Clay	5	27.0	35.0	Coarse Sand & fine Gravel	25	
46.0	50.0	Medium blue Clay, Sand, Gravel	13	35.0	38.0	Coarse Sand, Gravel, Boulders			
Elev. Ex. Ground: 18'					Elev. Ex. Ground: 18.4'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
960 H5	0.0	25.5	Soft Sand & Gravel		965 15	0.0	5.5	Fill Sand, Gravel, Clay	
	25.5	28.0	Dirty Sand, little Gravel	6		5.5	9.0	Hard Sand, Gravel, Clay	18
	28.0	35.0	Hard yellow Clay, little fine Sand	16		9.0	14.0	Medium yellow Clay	11
Elev. Ex. Ground: 18.0'					14.0	23.0	Fine Sand, Gravel, Clay	16	
Depth Gr. Water: Not given					23.0	30.0	Blue Clay	5	
961 H5	0.0	30.0	Fill		30.0	45.0	Hard Sand, Gravel & Clay	13	
	30.0	32.0	Peat	4	45.0	53.0	Hard Sand, Gravel, Clay & Boulders	32	
	32.0	35.0	Medium blue Clay		53.0	65.0	Hard Sand, Gravel, Clay & Boulders		
Elev. Ex. Ground: 18'					Elev. Ex. Ground: 19.0'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
966	0.0	— 14.0	Yellow Clay & little Gravel	16	971 16	0.0	— 7.5	Sand & Gravel	24	
	14.0	— 25.0	Medium yellow Clay, little Gravel	9		7.5	— 10.5	Hard yellow Clay		
	25.0	— 34.5	Medium yellow Clay	7		10.5	— 23.0	Sand, Gravel & Boulders		
	34.5	— 54.0	Blue Clay	5		23.0	— 27.5	Coarse Sand & Gravel		
	54.0	— 62.0	Fine Sand, & little Clay			27.5	— 50.0	Coarse Sand, Gravel & Boulders		
Elev. Ex. Ground: 22.0'					Elev. Ex. Ground: 27'					
Depth Gr. Water: Not given					Depth Gr. Water: Not given					
967 15	0.0	— 12.0	Fill		972 15	0.0	— 22.0	Fill	9	
	12.0	— 17.5	Medium Sand & Gravel	14		22.0	— 53.0	Peat		
	17.5	— 23.5	Medium Sand, Gravel, little Clay	16		53.0	— 60.0	Clay, Sand & Gravel		
	23.5	— 34.5	Fine Sand & Gravel, little Clay	12		Elev. Ex. Ground: 18'				
	34.5	— 42.5	Hard medium Sand, Gravel, Stones			Depth Gr. Water: Not given				
Elev. Ex. Ground: 23'					973 15					
Depth Gr. Water: Not given					0.0	— 3.2	Fill	8		
968 15	0.0	— 14.0	Fill		3.2	— 9.5	Yellow Clay, trace Sand, Gravel, Boulders	44		
	14.0	— 21.0	Peaty Silt	3	9.5	— 21.4	Yellow Clay trace Sand	33		
	21.0	— 27.5	Sand, Gravel & Clay	16	21.4	— 28.8	Yellow Clay	16		
	27.5	— 31.0	Sand, Gravel, Clay, Boulders	31	28.8	— 45.0	Blue Clay, fine Sand, Gravel, Boulders	19		
	31.0	— 43.0	Coarse Sand, Gravel, Boulders	22	45.0	— 63.0	Medium Sand, Gravel, Boulders, layer Clay	22		
Elev. Ex. Ground: 20.0'					63.0	— 75.0	Sand & Gravel trace Clay & Boulders	87-6"		
Depth Gr. Water: Not given					75.0	— 87.5	Fine Sand, trace Clay & Boulders	170-6"		
969 15	0.0	— 3.0	Loam, Sand, Gravel		87.5	— 91.5	Fine Sand, trace Clay	150-6"		
	3.0	— 6.5	Sand, Gravel & Clay	15	91.5		Refusal			
	6.5	— 11.0	Yellow Clay	15	Elev. Ex. Ground: 33.6'					
	11.0	— 25.0	Medium yellow Clay	11	Depth Gr. Water: 11.0'					
	25.0	— 34.0	Blue Clay, little Sand & Gravel	6	974 15	0.0	— 10.0	Fill	1	
34.0	— 52.0	Blue Clay, little Sand	6	10.0		— 52.5	Till & Clay	8		
52.0	— 60.0	Sand, Gravel & Clay	29	52.5		— 63.0	Sand, trace Gravel, Boulders	22		
Elev. Ex. Ground: 34'						63.0	— 77.0	Clay, Gravel, trace Sand	32	
Depth Gr. Water: Not given						77.0		Refusal		
970 15	0.0	— 25.0	Sand, Gravel, Clay & Boulders	31	Elev. Ex. Ground: 20.3'					
	25.0	— 40.0	Sand, Gravel, little Clay	13	Depth Gr. Water: 9.6'					
	40.0	— 48.0	Coarse Sand, Gravel & Boulders	28	975 15	0.0	— 2.7	Loam, Boulders, Gravel		
	48.0	— 48.6	Shale			2.7	— 12.8	Fine Sand & Boulders	22	
	Elev. Ex. Ground: 30'						12.8	— 32.0	Clay, Boulders, Gravel, trace Sand	19
Depth Gr. Water: Not given						32.0	— 63.0	Medium coarse Sand, Gravel, Boulders	20	
				63.0		— 71.5	Sand, Gravel, Boulders	54		
				71.5	— 96.0	Fine Sand, trace Silt, Clay, Gravel	140			
				96.0	— 100.4	Sand, Silt, Clay, Till	170-6"			
Elev. Ex. Ground: 32.7'					Elev. Ex. Ground: 32.7'					
Depth Gr. Water: 24.6'					Depth Gr. Water: 24.6'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
976 15	0.0	— 2.1	Loam	23	981	0.0	— 1.5	Loam	3			
	2.0	— 12.3	Fill		982	1.5	— 8.6	Sand, trace		14		
	12.3	— 24.6	Coarse Sand, Gravel, trace yellow Clay		983	8.6	— 87.0	Sand, Gravel & Boulders			50	
	24.6	— 88.0	Medium coarse Sand, Gravel, trace Clay		984	87.0	— 101.0	Olive Clay, trace Gravel				16
	88.0	— 118.0	Fine Sand, trace Silt, Boulders		985	101.0	— 118.0	Clay, Sand, Gravel, Boulders, Till				
Elev. Ex. Ground: 20.5'				Elev. Ex. Ground: 31.0'								
Depth Gr. Water: 19.2'				Depth Gr. Water: 28.6'								
977 15	0.0	— 29.4	Misc. Fill	14	986	0.0	— 10.0	Misc. Fill	5			
	29.4	— 39.5	Peat		987	10.0	— 25.0	Shale		4		
	39.5	— 52.2	Clay		988	Elev. Ex. Ground: Not given		16				
	52.2	— 78.0	Clay, Sand, some Gravel		989	Depth Gr. Water: Not given					150-6"	
	78.0	— 78.5	Till		990	0.0	— 13.5					Fill
78.5	— 78.5	Refusal	991	13.5	— 27.0	Silt, Sand	7					
Elev. Ex. Ground: 18.1'				992	27.0	— 29.0			Silt, Sand, Gravel	18		
Depth Gr. Water: 15'				993	29.0	— 31.5		Blue Clay, little Sand	12			
978 15	0.0	— 8.0	Fill	18	994	31.5		— 35.5			Yellow Clay	9
	8.0	— 23.4	Yellow Clay, fine Sand		995	35.5		— 45.0			Medium yellow Clay, little Sand	
	23.4	— 24.6	Sand, Gravel, Clay		996	45.0	— 47.0	Blue Clay, little Sand			14	
	24.6	— 35.0	Coarse Sand		997	47.0	— 55.0	Medium Sand, Gravel & Boulders		10		
	35.0	— 81.0	Coarse Sand & Gravel		998	55.0	— 60.0	Fine Sand	26			
81.0	— 97.5	Sand, Gravel, Clay	999	60.0	— 63.0	Fine Sand, Gravel, little Clay & Boulders	17					
97.5	— 117.7	White Clay & Sand	1000	63.0	— 63.0	Refusal		Not given				
117.7	— 117.7	Refusal	Elev. Ex. Ground: 17'									
Depth Gr. Water: 24.5'				Depth Gr. Water: Not given								
979 15	0.0	— 24.6	Fill	14	1001	0.0			— 15.0	Fill	2	
	24.6	— 32.0	Yellow Clay, fine Sand		1002	15.0	— 31.0		Silt & Sand	6		
	32.0	— 36.8	Coarse Sand & Gravel		1003	31.0	— 32.5	Silt, Sand, Gravel	16			
	36.8	— 60.0	Medium Sand & Gravel		1004	32.5	— 33.5	Blue Clay, fine Sand				18
	60.0	— 73.0	Blue Clay, Sand, Till		1005	33.5	— 37.0	Yellow Clay				
73.0	— 83.0	Sand, Gravel & Clay	1006	37.0	— 43.0	Medium yellow Clay	8					
Elev. Ex. Ground: 19.8'				1007	43.0	— 46.0		Medium blue Clay & Gravel		16		
Depth Gr. Water: 15.0'				1008	46.0	— 53.0		Sand, Gravel, little Clay & Boulders	Refusal			
980 16	0.0	— 14.8	Fill	12	1009	53.0		— 53.0			Refusal	17
	14.8	— 24.5	Sand & Gravel, yellow Clay		1010	Elev. Ex. Ground: 17'		Not given				
	24.5	— 48.5	Sand & Gravel		1011	Depth Gr. Water: Not given					18	
	48.5	— 62.0	Sand, Gravel, Clay		1012	0.0	— 7.5			Fill		
	62.0	— 72.5	Olive Clay, trace Sand		1013	7.5	— 16.5		Yellow Clay	4		
72.5	— 86.5	Sand & Boulders	1014	16.5	— 26.0	Medium yellow Clay	8					
Elev. Ex. Ground: Not given				1015	26.0	— 49.5		Blue Clay	8			
Depth Gr. Water: Not given				1016	49.5	— 54.5		Sand, Gravel & Clay			48	
54.5	— 59.0	Sand, little Gravel, Clay	1017	54.5	— 59.0	Sand, little Gravel, Clay		69				
59.0	— 61.0	Cemented Sand, Gravel, Clay, Hard pan	1018	59.0	— 61.0	Cemented Sand, Gravel, Clay, Hard pan				16.6'		
Elev. Ex. Ground: 16.6'				Depth Gr. Water: Not given								
Depth Gr. Water: Not given				Depth Gr. Water: Not given								

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
986 K3	0.0	— 5.0	Fill		991 L7	0.0	— 17.0	Fill	
	5.0	— 6.6	Coarse Sand	7		17.0	— 39.4	Medium blue Clay	8
	6.6	— 12.0	Yellow Clay, little Sand	14		39.4	— 50.0	Sandy blue Clay	87
	12.0	— 20.6	Medium yellow Clay	8	Elev. Ex. Ground: 25.9'				
	20.6	— 24.	Blue Clay	3	Depth Gr. Water: Not given				
	24	— 28	Coarse Sand, yellow Clay	8	992 L8	0.0	— 14.0	Fill	
28	— 30	Sand, Gravel & Clay Shale		14.0		— 22.0	Sandy blue Clay	9	
				22.0		— 25.0	Medium blue Clay	8	
				25.0		— 34.0	Fine Sand	41	
Elev. Ex. Ground: Not given					34.0	— 50.0	Sandy gravelly blue Clay	124	
Depth Gr. Water: Not given					Elev. Ex. Ground: 26.5'				
987 K7	0.0	— 14.0	Concrete & Void, Steel		Depth Gr. Water: Not given				
	14.0	— 28.0	Void		993 L7	0.0	— 13.8	Fill	
	28.0	— 34.5	Concrete & Steel Sand			13.8	— 28.0	Sandy Clay	28
	34.5	— 38.0	Layers Silt & fine Sand, Clay layers			28.0	— 31.0	Fine Sand, trace Clay	42
	38.0	— 54.0	Layers Silt & fine Sand, Clay layers		31.0	— 45.0	Fine Sand, some Clay, Gravel	63	
	54.0	— 56.0	Fine Sand, Clay layers, Sand, Gravel	150	Elev. Ex. Ground: 28.1'				
	56.0	— 78.0	Layers Sand & Gravel		Depth Gr. Water: Not given				
	78.0	— 92.0	Gravel, Sand, Boulders		994 L8	0.0	— 13.0	Fill	
92.0	— 126			13.0		— 18.5	Sandy Clay	20	
Elev. Ex. Ground: 19.6'					18.5	— 50.0	Sandy Clay	103	
Depth Gr. Water: Not given					Elev. Ex. Ground: 28.9'				
988 K7	0.0	— 11.0	Concrete & Void		Depth Gr. Water: Not given				
	11.0	— 13.0	Concrete & Steel Sand & Gravel		995 L8	0.0	— 11.0	Fill	
	13.0	— 15.0	Sand, Clay, Gravel			11.0	— 50.0	Fine Sand, Clay, some Gravel & Cobbles	102
	15.0	— 20.0	Sand, Clay, Gravel		Elev. Ex. Ground: Not given				
	20.0	— 58.0	Layers Silt & fine Sand, Clay	10	Depth Gr. Water: Not given				
	58.0	— 63.0	Layers Siltstone Sand	192	996 L8	0.0	— 13.3	Fill	
	63.0	— 79.0	End of hole			13.3	— 50.0	Fine Sand, little Clay, some Gravel, Cobbles & Boulders	96
Elev. Ex. Ground: 20.0'					Elev. Ex. Ground: 25.6'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
989 K7	0.0	— 9.0	Concrete & Void		997 L7	0.0	— 57.5	Fill	
	9.0	— 11.0	Concrete	17		57.5	— 61.4	Sandy blue Clay	74
	11.0	— 20.0	Fine Sand			Elev. Ex. Ground: 22.7'			
	20.0	— 59.0	Layers fine Sand & Silt, Clay	125	Depth Gr. Water: Not given				
	59.0	— 74.0	Sand		998 L8	0.0	— 12.0	Fill	
74.0	— 111.0	End of hole		12.0		— 21.0	Sandy blue Clay	25	
Elev. Ex. Ground: Not given						21.0	— 27.0	Sand, little Clay, some Gravel	130
Depth Gr. Water: Not given						27.0		Refusal	
990 K7	0.0	— 0.5	Concrete		Elev. Ex. Ground: 27.9'				
	0.5	— 4.0	Void		Depth Gr. Water: Not given				
	4.0	— 36.0	Fill		999 L8	0.0	— 11.0	Fill	
	36.0	— 38.0	Concrete			11.0	— 130.0	Sand, Gravel, Clay & Boulders	13
	38.0	— 46.0	Layers fine Sand & Silt, Clay			Elev. Ex. Ground: 26.5'			
	46.0	— 56.0	Fine Sand		Depth Gr. Water: Not given				
	56.0	— 60.0	Silt, fractured Rock						
60.0	— 68.0	Sand & Gravel							
68.0	— 169.0	End of hole, Shale							
Elev. Ex. Ground: 21.6'									
Depth Gr. Water: Not given									

No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1000 L7	0.0	15.0	Fill	118	0.0	11.5	Misc. Fill	26		
	15.0	23.0	Boulders		11.5	13.0	Fine Sand, some fine Gravel	15		
	23.0	61.0	Sand, Gravel, Clay & Boulders		13.0	13.5	Sandy yellow Clay	7		
	Elev. Ex. Ground: 24.1'				13.5	14.5	Medium Sand	24		
	Depth Gr. Water: Not given				14.5	15.0	Yellow Clay	8		
1001 M8	0.0	3.0	Organic Silt, Sand, trace Wood	1	15.0	17.0	Yellow Clay	20		
	3.0	14.0	Organic Silt	1	17.0	18.0	Fine Sand, trace Clay	8		
	14.0	16.5	Fine Sand, inorganic Silt	4	18.0	19.5	Sandy yellow Clay	28		
	16.5	21.0	Yellow Clay, veins fine Sand	9	19.5	20.0	Fine Sand	8		
	21.0	27.0	Medium blue Clay	4	20.0	26.0	Yellow Clay, Gravel & Shale	60		
	27.0	32.0	Blue Clay	2	26.0	29.0	Sand, little fine Gravel	22		
	Elev. Ex. Ground: -12.30'				29.0	44.0	Fine Sand, Silt, fine Gravel, Till	42		
	Depth Gr. Water: Tide				Elev. Ex. Ground: Not given					
1002 M8	0.0	12.0	Misc. Fill	9	Depth Gr. Water: 18.0'					
	12.0	15.0	Organic silty Sand, trace Shells	2	1007 L6	0.0	19.0	Misc. Fill	50	
	15.0	30.0	Organic Silt, trace Shells	2		19.0	21.0	Fine Sand	40	
	30.0	33.0	Organic Silt, trace Shells	2		21.0	23.0	Sand & trace Clay	30	
	33.0	36.0	Yellow Clay, veins fine Sand	8		23.0	33.0	Sand, some Gravel, little Clay	30	
	36.0	40.0	Medium Blue Clay	5		33.0	35.5	Fine Sand	33	
40.0	45.0	Blue Clay	2	35.5		38.5	Sand, some medium Gravel	68		
	Elev. Ex. Ground: 5.0'				38.5	41.0	Fine Sand	40		
	Depth Gr. Water: Tide				41.0	44.0	Fine Sand, Clay & little fine Gravel	40		
1003 M8	0.0	9.0	Misc. Fill	1	44.0	81.0	Fine Sand, Clay, little fine Gravel, Till	45		
	9.0	11.0	Organic Silt	2	81.0	92.5	Rock Refusal	Cored		
	11.0	15.0	Organic Silt, veins fine Sand, trace Gravel	2	Elev. Ex. Ground: Not given					
	15.0	26.0	Organic Silt	2	Depth Gr. Water: 40.5'					
	26.0	31.5	Yellow & blue Clay	5	1008 L6	0.0	9.0	Misc. Fill	25	
	31.5	42.0	Blue Clay	2		9.0	10.5	Sand, some Gravel	45	
	Elev. Ex. Ground: -1.00'			10.5		13.5	Fine Sand	45		
	Depth Gr. Water: Tide			13.5		15.0	Yellow Clay	25		
1004 14	0.0	16.0	Misc. Fill	28		15.0	20.0	Sand, some coarse Gravel & Clay	48	
	16.0	30.0	Medium Sand & Gravel, trace inorganic Silt	27		20.0	28.0	Sand & Gravel	33	
	30.0	42.5	Fine Sand, Gravel, some Clay	48	28.0	49.0	Sand, Gravel, some Clay	40		
	Elev. Ex. Ground: Not given			49.0	55.5	Fine Sand	40			
	Depth Gr. Water: 11.5'			55.5	58.5	Fine Sand, little Clay, some Gravel Till	43			
1005 K7	0.0	0.5	Concrete	17	Elev. Ex. Ground: Not given					
	0.5	1.5	Misc. Fill		Depth Gr. Water: 45.0'					
	1.5	6.0	Medium blue Clay, trace fine Sand		14	1006 L6	0.0	11.5	Misc. Fill	26
	6.0	30.0	Medium blue Clay, little fine Sand		10		11.5	13.0	Fine Sand, some fine Gravel	15
	30.0	32.0	Blue, Clay		3		13.0	13.5	Sandy yellow Clay	7
	Elev. Ex. Ground: 20.3'			13.5	14.5		Medium Sand	24		
	Depth Gr. Water: 8.5'			14.5	15.0		Yellow Clay	8		

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1009 L6	0.0	— 12.0	Misc. Fill	43	1013 K7	0.0	— 20.0	Medium blue Clay, Sand lenses	3	
	12.0	— 13.0	Concrete	Cored 38		20.0	— 26.0			
	13.0	— 14.0	Fine Sand			26.0	— 29.5	Fine Sand	16	
	14.0	— 17.0	Fine Sand, trace Clay	29		29.5	— 37.0	Fine Sand, some Silt, Gravel & little Clay	17	
	17.0	— 43.0	Sand, Gravel	40		37.0	— 39.5	Fine Sand, Gravel & Silt	25	
	43.0	— 56.0	Fine Sand, trace Silt	27		39.5	— 41.0	Fine Sand, some Silt, Gravel, some Clay	35	
	56.0	— 56.5	Boulders	Cored 30		41.0	— 42.5	Talc, some Gravel & Silt	22	
	56.5	— 64.5	Fine Sand, Silt, little fine Gravel			42.5	— 44.0	Talc	57	
Elev. Ex. Ground: Not given				Elev. Ex. Ground: -7.8'						
Depth Gr. Water: 43'				Depth Gr. Water: Not given						
1010 L6	0.0	— 13.0	Misc. Fill	14	1014 L6	0.0	— 10.0	Fill		
	13.0	— 16.0	Yellow Clay	21		10.0	— 18.5	Fine Sand, some Silt, trace fine Gravel	16	
	16.0	— 18.5	Yellow Clay, fine Sand layers	15		18.5	— 22.5	Blue Clay, trace Gravel, fine Sand	17	
	18.5	— 22.0	Fine Sand	30		22.5	— 33.0	Sand, trace Silt		
	22.0	— 24.0	Sandy blue & yellow Clay	16		33.0	— 38.0	Coarse Sand & Gravel		
	24.0	— 25.0	Sandy blue Clay	12		38.0	— 58.0	Sand, some Gravel, some Silt	15	
	25.0	— 27.0	Fine Sand & Clay	39		58.0	— 66.0	Sand, Gravel, some Silt		
	27.0	— 30.5	Boulders	Cored 42		Elev. Ex. Ground: Not given				
30.5	— 37.0	Fine Sand, little Clay & little fine Gravel, Till		Depth Gr. Water: Not given						
Elev. Ex. Ground: Not given				Elev. Ex. Ground: 25.92'						
Depth Gr. Water: 34.5'				Depth Gr. Water: 15'						
1011 K7	0.0	— 20.0	Medium blue Clay, Sand lenses	2	1015 L4	0.0	— 0.3	Fill		
	20.0	— 32.0				Fine varved Clay, Sand lenses	4	0.3	— 14.0	Sand, little Silt, Gravel
	32.0	— 34.0	Fine varved Clay, Sand lenses	4		14.0	— 32.0	Blue Clay, little silty Sand, trace Gravel	17	
	34.0	— 35.5	Sand	10		32.0	— 37.0	Sand, gravelly Clay, some Cobbles, little Silt	32	
	35.5	— 42.0	Sand, Gravel, trace Silt	12		Elev. Ex. Ground: 25.92'				
	42.0	— 43.5	Fine Sand, some Silt, some Gravel, trace Clay	19		Depth Gr. Water: 15'				
	43.5	— 45.0	Sand, some Silt, some Gravel			1016 L5	0.0	— 13.0	Fill	19
	Elev. Ex. Ground: -7.8'						13.0	— 18.0	Fine Sand, little Silt, trace Clay	25
Depth Gr. Water: Not given				18.0	— 23.0		Yellow Clay, trace fine Gravel	24		
1012 K7	0.0	— 20.0	Blue Clay, some Sand lenses	3	23.0		— 28.0	Clay, medium Sand, Little medium Gravel		
	20.0	— 28.0			Fine Sand, some Shale fragments		10	28.0	— 30.5	Coarse Sand, little Silt
	28.0	— 29.0	Fine Sand, some Shale fragments	40	30.5		— 31.75	Clay	14	
	29.0	— 29.5	Shale fragments		31.75		— 35.0	Fine Gravel, Silt, little Clay		
	29.5	— 37.0	Fine Sand, some Silt, Gravel, little Clay, little Clay lenses	16	35.0		— 40.0	Shale	31	
	37.0	— 40.5	Talc	28	Elev. Ex. Ground: 27.19'					
	Elev. Ex. Ground: -7.8'				Depth Gr. Water: 24.8'					
	Depth Gr. Water: Not given									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
1017 L5	0.0	— 10.0	Fill	24	1022 L5	0.0	— 5.0	Fill	10			
	10.0	— 19.0	Yellow Clay, fine Sand, trace Silt & fine Gravel	24		5.0	— 10.0	Clay & Gravel	23			
	19.0	— 22.0	Sand, trace Silt	14		10.0	— 60.0	Medium Sand, Gravel & Stones	30			
	22.0	— 24.0	Clay & Gravel, little Sand & Silt	20		60.0	— 65.0	Medium Sand, Gravel & Clay	27			
	24.0	— 27.0	Yellow Clay, layers fine Sand, trace Silt & fine Gravel	16		65.0	— 77.0	Medium Sand, Gravel, Clay & Boulders	27			
	27.0	— 40.0	Sand, trace Silt	13		Elev. Ex. Ground: 42.76'						
	40.0	— 45.0	Clay, Gravel, little Silt & Sand, some Cobbles, Boulders - Till	33		Depth Gr. Water: 42'						
	Elev. Ex. Ground: 27.74'						1023 L6		0.0	— 10.0	Misc. Fill	11
	Depth Gr. Water: 16'						10.0	— 18.5	Sand, Gravel, trace Clay, & Boulders	35		
	1018 L5	0.0	— 15.0	Fill			18.5	— 23.5	Yellow Clay	14		
15.0		— 21.0	Layers fine Sand, Gravel, little Clay, trace Silt	38	23.5	— 36.0	Fine yellow Clay	103				
21.0		— 25.0	Fine Sand, little Clay, trace Silt	30	36.0	— 45.0	Coarse Sand, Gravel & Boulders	116				
25.0		— 40.0	Yellow Clay, layers fine Sand, little fine Gravel, trace Silt	27	45.0	— 65.0	Medium Sand, Gravel & Boulders	120				
40.0		— 45.0	Clay, Sand, Gravel, Cobbles, Boulders, little Silt, Till	42	Elev. Ex. Ground: 56.0'							
Elev. Ex. Ground: 31.80'					Depth Gr. Water: 10.0'							
Depth Gr. Water: 24.0'					1024 L5	0.0	— 9.5	Fill	5			
0.0		— 8.0	Fill			9.5	— 20.0	Fine Sand	19			
8.0		— 19.0	Silty yellow Clay, trace Gravel	25		20.0	— 34.0	Fine Sand, trace Clay	21			
19.0		— 25.5	Yellow Clay, little Gravel	42		34.0	— 53.0	Blue Clay, trace fine Sand & Gravel	31			
25.5	— 31.0	Fine-medium Gravel, Siltstone, little Clay	95	53.0		— 73.0	Medium Sand, Gravel & Boulders	95				
31.0	— 47.0	Shale		73.0		— 80.0	Coarse Sand, Gravel, Boulders	110				
Elev. Ex. Ground: 24.64'						Elev. Ex. Ground: 56.0'						
Depth Gr. Water: 17.0'						Depth Gr. Water: 23'						
1019 L5	0.0	— 8.0	Fill	6		1025 L5	0.0	— 8.8	Fill	7		
	8.0	— 19.0	Fine Sand, some Gravel	16			8.8	— 9.5	Concrete			
	19.0	— 24.5	Medium blue Clay	7	9.5		— 15.0	Sandy yellow Clay				
	24.5	— 31.5	Refusal		15.0		— 18.0	Fine Sand, some coarse Gravel, little Clay	19			
Elev. Ex. Ground: 25.7'					18.0	— 37.0	Sandy blue Clay, trace fine Gravel	7				
Depth Gr. Water: 11.1'					37.0	— 47.0	Fine Sand, Clay, Gravel, Boulders	45				
1020 K4	0.0	— 11.1	Fill	6	47.0	— 49.0	Shale, Clay					
	11.1	— 24.5	Fine Sand, some Gravel	16	49.0	— 59.0	Shale					
	24.5	— 31.5	Medium blue Clay	7	Elev. Ex. Ground: 28.9'							
Elev. Ex. Ground: 25.7'					Depth Gr. Water: 24.3'							
Depth Gr. Water: 11.1'					1026 L5	0.0	— 3.5	Fill				
1021 L4	0.0	— 12.5	Fill	16		3.5	— 8.6	Fine Sand & Clay	7			
	12.5	— 50.0	Sand, some coarse Gravel & little Clay	50		8.6	— 15.0	Silty Clay, little fine Gravel	8			
	Elev. Ex. Ground: 29.3'						15.0	— 29.0	Sandy Clay, some coarse Gravel, fine Sand lenses	18		
	Depth Gr. Water: 16.5'						29.0	— 39.0	Sand, some Silt & Clay, Gravel, Till	17		
	0.0	— 12.5	Fill	16		39.0	— 47.0	Clay, some Sand, little Gravel	27			
	12.5	— 50.0	Sand, some coarse Gravel & little Clay	50		47.0	— 57.0	Shale	Cored			
	Elev. Ex. Ground: 29.3'						Elev. Ex. Ground: 25.9'					
	Depth Gr. Water: 16.5'						Depth Gr. Water: 19.9'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1027 L5	0.0	— 5.0	Fill	4	1032 L6	0.0	— 8.0	Fill	50	
	5.0	— 20.2	Sand, some Gravel, little Clay	33		8.0	— 14.5	Sandy Silt, some Clay	15	
	20.2	— 25.7	Blue Clay, fine Sand lenses	14		14.5	— 26.0	Silty Clay, trace fine Sand	12	
	25.7	— 30.0	Fine Sand & Clay layers	24		26.0	— 31.5	Silty Clay, some Sand & Gravel	15	
	30.0	— 50.0	Clay, fine Sand lenses	16		31.5	— 32.5	Sand & Gravel	68	
	50.0	— 55.0	Fine Sand, little Clay, Boulders	83		Elev. Ex. Ground: 35.0'				
	55.0	— 66.2	Shale	Cored		Depth Gr. Water: 8.0'				
	Elev. Ex. Ground: 29.06'					Depth Gr. Water: 24.5'				
1028 L5	0.0	— 11.0	Fill		1033 L6	0.0	— 9.0	Fill	31	
	11.0	— 18.0	Fine Sand, little Gravel & Cobbles	25		9.0	— 18.0	Sand, some Gravel	40	
	18.0	— 25.25	Clay, fine Sand & Gravel lenses	8		18.0	— 31.5	Sand, some Gravel, trace Silt		
	25.25	— 34.0	Blue Clay	4	Elev. Ex. Ground: 39.0'					
	34.0	— 44.0	Sand, little Silt, Clay, some Gravel	40	Depth Gr. Water: 12.0'					
	44.0	— 48.0	Clay	11	1034 L6	0.0	— 13.5	Fill	80	
	48.0	— 50.75	Fine Sand, Clay & Shale	47		13.5	— 18.0	Silty Sand, some Gravel, trace Clay	64	
	50.75	— 55.75	Shale			18.0	— 40.0	Sand, some Gravel, trace Silt	130	
Elev. Ex. Ground: 30.7'				40.0		— 49.0	Silty Clay, trace fine Sand & fine Gravel	33		
Depth Gr. Water: 14.0'				49.0		— 54.0	Sand, trace fine Gravel	94		
1029 L5	0.0	— 5.0	Fill	16	54.0	— 67.0	Sand, some Gravel	62		
	5.0	— 11.5	Sandy silty yellow Clay	33	67.0	— 74.5	Sand, Gravel 300 lb. Wt.	92		
	11.5	— 42.0	Clay, fine Sand & Gravel lenses	8	Elev. Ex. Ground: 40.0'					
	42.0	— 54.0	Fine Sand, Clay lenses	20	Depth Gr. Water: 11.5'					
	54.0	— 60.0	Fine Sand, Clay, Gravel & Shale	55	1035 K5	0.0	— 14.0	Fill	8	
	60.0	— 61.25	Silty Clay	6		14.0	— 40.0	Fine Sand, some Gravel, some Clay - Till	35	
	61.25	— 71.25	Boulders & Shale	Cored	Elev. Ex. Ground: 14.0'					
Elev. Ex. Ground: 32.41'				Depth Gr. Water: 14.0'						
Depth Gr. Water: 22.0'				1036 K5	0.0	— 0.3	Bituminous Sand & Gravel	16		
1030 L6	0.0	— 0.2	Bituminous		Cored	0.3	— 1.5	Fine to medium Sand	12	
	0.2	— 1.2	Concrete		Cored	1.5	— 10.0	Fine to medium Sand, some Clay	14	
	1.2	— 8.0	Void Basement			10.0	— 16.5	Fine Sand, some Gravel & Clay	41	
Elev. Ex. Ground: Not given					16.5	— 18.0	Shale fragments	115		
Depth Gr. Water: Not given					18.0	— 19.5	Refusal			
1031 L6	0.0	— 8.0	Fill	38	Elev. Ex. Ground: Not given					
	8.0	— 18.0	Sand, some Gravel, trace Silt	42	Depth Gr. Water: 9.8'					
	18.0	— 32.5	Silty Clay, fine Sand lenses	7	1037 K5	0.0	— 0.3	Concrete	3	
32.5	— 34.5	Sand & Gravel	76	0.3		— 22.0	Fill			
Elev. Ex. Ground: 37.0'				22.0		— 28.0	Concrete, Boulders	Cored		
Depth Gr. Water: 8.3'				28.0		— 40.0	Fine Sand, little Gravel & Clay, Till	16		
Elev. Ex. Ground: 37.0'				Elev. Ex. Ground: Not given						
Depth Gr. Water: 8.3'				Depth Gr. Water: 10.3'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1048 L6	0.0	10.0	Fill		1053 D3	0.0	16.5	Fill	3	
	10.0	18.5	Fine Sand, some Silt, trace fine Gravel	15		16.5	20.0	Clay, trace Peat Sand, Gravel, little Clay	2	
	18.5	22.5	Blue Clay, Gravel, fine Sand	17		20.0	27.0	Sand, Gravel, little Clay	44	
	22.5	33.0	Sand & Silt			27.0	35.0	Sand, trace Clay	16	
	33.0	38.0	Coarse Sand & Gravel			35.0	42.5	Sand, layer Gravel, trace Clay	15	
	38.0	58.0	Sand, Gravel, some Silt	15		42.5	58.0	Medium Clay	4	
	58.0	66.0	Sand, Gravel & some Silt			58.0	64.0	Medium Clay, layers Sand	3	
Elev. Ex. Ground:			Not given	Elev. Ex. Ground:			116.5'			
Depth Gr. Water:			Not given	Depth Gr. Water:			14.5'			
1049 J6	0.0	0.5	Concrete		1054 D3	0.0	19.5	Fill	6	
	0.5	6.0	Sand			19.5	23.0	Silt, trace Sand	3	
	6.0	16.0	Sand, little Clay	19		23.0	29.0	Sand, Gravel, trace Clay	42	
	16.0	21.5	Medium Clay & fine Sand	9		29.0	39.0	Sand, layers Gravel	27	
	21.5	31.0	Fine Sand, little Clay	13		39.0	42.0	Sand, layers Gravel, Trace Clay	43	
	31.0	41.0	Blue Clay, little fine Sand	3		Elev. Ex. Ground:			115.2'	
	41.0	53.5	Blue Clay & fine Sand	3		Depth Gr. Water:			12.5'	
53.5	56.5	Sand, Gravel & Boulders, little Clay	65	1055 D3	0.0	5.0	Fill	1		
Elev. Ex. Ground:			22.8'		5.0	15.0	Clay, trace organic Matter	2		
Depth Gr. Water:			Not given		15.0	31.0	Sand, Gravel, trace Clay	20		
1050 D3	0.0	22.5	Misc. Fill		5	31.0	70.0	Clay	2	
	22.5	28.5	Coarse Sand		3	70.0	75.0	Clay, layers Sand	2	
	28.5	37.5	Silt	2	75.0	82.0	Clay	2		
	37.5	52.5	Coarse Sand & Gravel	45	Elev. Ex. Ground:			104.2'		
52.5	80.0	Blue Clay, some layers fine Sand	2	Depth Gr. Water:			6.0'			
Elev. Ex. Ground:			124.2'	1056 D3	0.0	8.0	Fill	12		
Depth Gr. Water:			24.5'		8.0	16.0	Peat	2		
1051 J7	0.0	4.5	Fill			16.0	17.5	Peaty Sand, trace Gravel	6	
	4.5	15.0	Fine Sand & Clay		20	17.5	35.0	Coarse Sand & Gravel	14	
	15.0	25.0	Sand, very little Clay		18	35.0	45.0	Blue Clay, trace fine Sand	5	
	25.0	34.5	Blue Clay		4	45.0	109.0	Blue Clay	2	
	34.5	38.0	Sand, Gravel, little Clay	20	109.0	112.5	Boulders	35		
	38.0	46.0	Sand & Gravel, Clay, Hard pan Refusal	62	112.5	127.0	Blue Clay	1		
46.0				Elev. Ex. Ground:			104.3'			
Elev. Ex. Ground:			25.6'	Depth Gr. Water:			3.0'			
Depth Gr. Water:			Not given	1057 D3	0.0	5.0	Fill	25		
1052 D3	0.0	11.0	Sand, Gravel, Clay		4	5.0	10.0	Sand, Gravel, trace Clay	20	
	11.0	16.0	Silty Peat		2	10.0	15.0	Silty Peat	2	
	16.0	18.0	Sand, trace Clay		8	15.0	20.0	Sand	10	
	18.0	32.0	Sand, Gravel, trace Clay		20	20.0	31.0	Sand, layers Gravel, trace Clay	10	
32.0	82.0	Clay	2	31.0	82.0	Clay	3			
Elev. Ex. Ground:			104.8'	Elev. Ex. Ground:			104.2'			
Depth Gr. Water:			6.0'	Depth Gr. Water:			5.3'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1058 D3	0.0	8.0	Fill	15	1063 F5	0.0	18.5	Fill	3	
	8.0	13.5	Coarse Sand, Gravel, trace Silt	2		18.5	32.5	Coarse Sand	2	
	13.5	21.0	Peat	2		32.5	52.5	Silty Sand, Silt & trace Shells	2	
	21.0	31.5	Coarse Sand & Gravel	11		52.5	62.0	Blue Clay	10	
Elev. Ex. Ground:			109.5'	Elev. Ex. Ground:			120.9'			
Depth Gr. Water:			7.5'	Depth Gr. Water:			23.9'			
1059 D3	0.0	8.0	Medium Sand & Gravel	8	1064 F5	0.0	10.5	Fill	2	
	8.0	15.0	Fine Sand	12		10.5	32.5	Silt, trace Shells	2	
	15.0	23.0	Medium Sand	15		32.5	65.0	Blue Clay	6	
	23.0	38.0	Medium Sand & Gravel	15	Elev. Ex. Ground:			103.9'		
	38.0	57.0	Medium yellow Clay	4	Depth Gr. Water:			6.0'		
Elev. Ex. Ground:			104.6'	1065 F5	0.0	10.0	Fill	8		
Depth Gr. Water:			6.3'		10.0	28.0	Silt, some Sand, trace Shells	2		
					28.0	31.5	Sand & Clay	12		
1060 D3	0.0	15.5	Fill	10	31.5	35.0	Clay	12		
	15.5	20.0	Sand & Gravel, trace Clay	12	Elev. Ex. Ground:			102.3'		
	20.0	30.0	Sand, layers Gravel, trace Clay	6	Depth Gr. Water:			4.0'		
	30.0	35.0	Sand, Gravel, & trace Clay	13	1066 F5	0.0	8.5	Fill	10	
	35.0	45.0	Clay	4		8.5	28.5	Silt, trace Shells	2	
	45.0	72.0	Medium Clay, layers Sand	2		28.5	31.0	Blue Clay, little fine Sand	12	
Elev. Ex. Ground:			103.9'	31.0		62.0	Clay	8		
Depth Gr. Water:			4.25'	Elev. Ex. Ground:			102.5'			
				Depth Gr. Water:			4.5'			
1061 D3	0.0	21.0	Misc. Fill	2	1067 F5	0.0	7.0	Fill	15	
	21.0	28.5	Sand, Gravel, trace Clay	7		7.0	31.5	Silt, trace Sand	2	
	28.5	34.0	Silt	3		31.5	36.0	Yellow Clay	20	
	34.0	51.5	Sand, trace Clay	24		36.0	41.0	Medium yellow Clay	2	
	51.5	71.0	Clay	4	41.0		Rock, Refusal			
	71.0	79.0	Clay, layers Sand	2	Elev. Ex. Ground:			104.3'		
	79.0	155.0	Clay	3	Depth Gr. Water:			Not given		
	155.0	157.0	Sand, Gravel, Clay	83	1068 F5	0.0	17.5	Misc. Fill	4	
	157.0	159.5	Boulders & fine Sand	Cored		17.5	41.5	Silty Sand, Silt & Shells	2	
	Elev. Ex. Ground:			125.4'		41.5	45.0	Blue Clay	12	
	Depth Gr. Water:			Not given	Elev. Ex. Ground:			109.7'		
				Depth Gr. Water:			11.5'			
1062 F5	0.0	30.0	Misc. Fill	4	1069 F5	0.0	21.0	Misc. Fill	3	
	30.0	50.0	Fine silty Sand	2		21.0	41.0	Silt, some Sand, trace Shells	2	
	50.0	65.0	Blue Clay	7		41.0	43.0	Clay, some Sand	12	
	65.0	82.0	Medium blue Clay	3		Elev. Ex. Ground:			112.1'	
	82.0	87.0	Fine Sand, Clay, Gravel & Boulders	21	Depth Gr. Water:			13.0'		
	87.0	92.0	Medium blue Clay & Gravel	3	1070 F5	0.0	31.0	Misc. Fill	5	
	92.0	114.0	Medium blue Clay	2		31.0	44.0	Silt, some Sand, trace Shells	2	
	114.0	117.0	Shale	23		44.0	47.0	Clay	10	
117.0	126.0	Rock	Cored	Elev. Ex. Ground:			113.6'			
Elev. Ex. Ground:			120.6'	Depth Gr. Water:			14.6'			
Depth Gr. Water:			21.0'							

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/f)	No. and location	Depths		Formation	Penetr. Resist. (Bl/f)		
	From	To				From	To				
1071 E5	0.0	8.5	Fill	4	1076 E4	0.0	25.0	Fill	7		
	8.5	35.5	Silt & organic Shells	2		25.0	31.0	Sand & Boulders	30		
	35.5	41.5	Yellow Clay	6		31.0	49.0	Some Shells, layer Sand, trace Peat	3		
	41.5	71.0	Medium-soft Blue Clay	2		49.0	54.0	Blue Clay, some yellow Clay	8		
Elev. Ex. Ground: 104.2'					54.0				117.0	Medium yellow Clay	4
Depth Gr. Water: 4.5'					117.0				128.0	Yellow Clay, Sand, Gravel & Boulders	17
1072 F5	0.0	10.5	Fill	2	1077 E4	0.0	27.5	Fill	2		
	10.5	34.5	Silt, some Sand, trace Shells	2		27.5	47.5	Silt & Shells	2		
	34.5	67.0	Blue Clay	4		47.5	82.0	Blue Clay	4		
Elev. Ex. Ground: 103.5'					Elev. Ex. Ground: 121.6'						
Depth Gr. Water: 4.5'					Depth Gr. Water: Not given						
1073 E5	0.0	13.5	Fill	2	1078 E4	0.0	18.5	Fill	5		
	13.5	36.5	Silt & Shells	2		18.5	28.5	Coarse Sand	3		
	36.5	47.5	Yellow Clay	5		28.5	37.5	Silt & Shells	2		
	47.5	67.0	Blue Clay	2		37.5	47.5	Sand, little fine Gravel	25		
Elev. Ex. Ground: 105.0'					47.5				82.0	Medium-soft blue Clay	2
Depth Gr. Water: 4.5'					Elev. Ex. Ground: 121.7'						
1074 E4	0.0	33.0	Misc. Fill	9	Depth Gr. Water: 24.5'						
	33.0	45.0	Silt, some Shells	1	1079 F5	0.0	9.5	Misc. Fill	25		
	45.0	55.0	Coarse Sand & Gravel	21		9.5	32.0	Silt, trace Shells	1		
	55.0	130.0	Medium-soft blue Clay	2		32.0	35.0	Blue Clay, little Sand	10		
	130.0	135.0	Fine Sand, Gravel, Clay & Shale	39		35.0	39.0	Blue Clay	17		
	135.0	137.0	Soft Shale			39.0	60.0	Medium blue Clay, little Sand	4		
137.0	143.0	Rock	Cored	60.0		107.0	Medium blue Clay, little Sand & Gravel	5			
Elev. Ex. Ground: 121.9'					107.0				107.5	Sand, Gravel, Clay, Boulders	60
Depth Gr. Water: 21.0'					Elev. Ex. Ground: 102.9'						
1075 E4	0.0	15.0	Misc. Fill	4	Depth Gr. Water: 5.0'						
	15.0	20.0	Sand	3	1080 F5	0.0	28.0	Misc. Fill	6		
	20.0	27.0	Sand & Gravel	2		28.0	46.5	Silt, little Sand, trace Shells	1		
	27.0	30.0	Sand, Gravel, Silt, trace Peat	2		46.5	49.0	Silt	6		
	30.0	44.0	Sand, organic Shells, little Sand, trace Peat	2		49.0	128.0	Medium blue Clay	6		
	44.0	47.0	Sand, Gravel, trace Clay	16		128.0	130.5	Soft Shale	43		
	47.0	55.0	Clay	8		Elev. Ex. Ground: 116.8'					
	55.0	75.0	Medium Clay	3		Depth Gr. Water: 21.0'					
	75.0	76.0	Stones								
76.0	79.0	Sand, Gravel, Clay	20								
79.0	82.0	Clay	6								
Elev. Ex. Ground: 122.1'											
Depth Gr. Water: 24.0'											

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1081 G6	0.0	— 3.5	Fill	2	1085 G6	0.0	— 24.5	Misc. Fill	7	
	3.5	— 27.0	Silt, trace Shells	1		24.5	— 39.0	Silt, trace Shells	2	
	27.0	— 28.5	Loamy Peat	2		39.0	— 42.0	Silty Peat	3	
	28.5	— 34.0	Blue Clay, little Sand	9		42.0	— 68.0	Blue Clay, little Sand, medium blue Clay	9	
	34.0	— 40.0	Medium blue Clay, little Sand	4		68.0	— 79.0	Yellow Clay, little Sand	7	
	40.0	— 68.0	Medium blue Clay, little Sand & Gravel	4		79.0	— 82.5	Blue Clay, little Sand & Gravel	5	
	68.0	— 82.0	Sand, Gravel, Clay & Boulders	35		82.5	— 86.0	Medium Sand, Gravel & Boulders	16	
	82.0		Refusal — Rock or Boulders			86.0	— 95.5	Sand, Gravel, Clay & Boulders	27	
			Elev. Ex. Ground: 100.0'			95.5	— 132.5	Blue Clay, little Sand & Gravel	2	
			Depth Gr. Water: 1.5'			132.5	— 138.0	Medium Sand, Gravel, Clay & Boulders	30	
1082 G6	0.0	— 27.5	Misc. Fill	9	Elev. Ex. Ground: 114.30'					
	27.5	— 41.5	Silty Sand	3	Depth Gr. Water: 18.0'					
	41.5	— 43.0	Peat	10	1086 G6	0.0	— 24.0	Fill	10	
	43.0	— 55.0	Sand, Gravel, Clay	6		24.0	— 30.0	Silty Sand	5	
	55.0	— 129.5	Blue Clay	5		30.0	— 43.5	Silt, trace Shells	2	
	129.5	— 131.5	Sand, Gravel, Shale	48		43.5	— 50.0	Blue Clay	15	
	131.5		Refusal — Rock or Boulders			50.0	— 75.0	Blue Clay, little Sand	7	
		Elev. Ex. Ground: 117.24'		75.0		— 76.5	Blue Clay, little Gravel	5		
		Depth Gr. Water: 17.5'		Elev. Ex. Ground: 114.1'						
				Depth Gr. Water: Not Given						
1083 F6	0.0	— 7.5	Fill	10	1087 G6	0.0	— 4.0	Fill		
	7.5	— 29.5	Silt, trace Peat	1		4.0	— 27.5	Silt, little Sand	1	
	29.5	— 34.0	Blue Clay, little Sand	17		27.5	— 112.0	Medium blue Clay		
	34.0	— 38.0	Yellow Clay & little Sand	6		112.0	— 112.5	Sand & Gravel		
	38.0	— 107.5	Medium blue Clay, little Sand	4		112.5		Refusal, Rock or Boulders		
	107.5	— 109.0	Rock or Boulders, Refusal			Elev. Ex. Ground: 100.2'				
			Elev. Ex. Ground: 102.0'			Depth Gr. Water: 1.0'				
		Depth Gr. Water: 3.5'		1088 G7	0.0	— 15.0	Fill	2		
1084 F6	0.0	— 27.0	Fill		3	15.0	— 21.0	Clay & Sand	18	
	27.0	— 43.0	Sand, little Sand, trace Shells		3	21.0	— 25.0	Silt, trace Peat	3	
	43.0	— 55.0	Yellow Clay & fine Sand		6	25.0	— 38.0	Silt, trace Shells	3	
	55.0	— 123.0	Blue Clay, layer fine Sand, little Gravel		5	38.0	— 40.0	Sand, Gravel & Clay	20	
	123.0	— 123.5	Rock or Boulders — Refusal			40.0	— 50.0	Yellow Clay	11	
			Elev. Ex. Ground: 113.5'			50.0	— 95.0	Blue Clay	4	
		Depth Gr. Water: 18.5'			95.0	— 125.0	Medium blue Clay, layer fine Sand	3		
					125.0	— 126.0	Sand, Gravel & Boulders			
					126.0		Rock or Boulders Refusal			
				Elev. Ex. Ground: 115.0'						
				Depth Gr. Water: 27.5'						
1089 G7	0.0	— 5.0	Fill	11	1089 G7	0.0	— 5.0	Fill	11	
	5.0	— 15.0	Yellow Clay	9		5.0	— 15.0	Yellow Clay	9	
	15.0	— 35.0	Blue Clay & little Gravel	6		15.0	— 35.0	Blue Clay & little Gravel	6	
	35.0	— 66.0	Medium blue Clay	4		35.0	— 66.0	Medium blue Clay	4	
	66.0		Refusal — Rock or Boulders			66.0		Refusal — Rock or Boulders		
		Elev. Ex. Ground: 100.0'		Elev. Ex. Ground: 100.0'						
		Depth Gr. Water: 1.0'		Depth Gr. Water: 1.0'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1090 G7	0.0	— 14.5	Fill	7	1096 H8	0.0	— 10.0	Fill	
	14.5	— 21.0	Yellow Sand, Gravel & Clay	7		10.0	— 20.0	Clay, trace Peat & Silt	3
	21.0	— 25.0	Yellow Clay	16		20.0	— 24.0	Yellow Clay	8
	25.0	— 34.0	Yellow Clay, trace Gravel	7		24.0	— 30.0	Medium yellow Clay & Sand	3
	34.0	— 45.0	Blue Clay	6		30.0	— 83.5	Blue Clay	3
	45.0	— 103.5	Medium blue Clay, layer fine Sand	4	83.5	— 88.0	Clay & Gravel	18	
	103.5		Refusal — Rock or Boulders				Elev. Ex. Ground: 16.8'		
							Depth Gr. Water: Not given		
	Elev. Ex. Ground:	118.24'			1097 H8	0.0	— 20.0	Fill	7
	Depth Gr. Water:	19.0'				20.0	— 30.0	Yellow Clay	2
1091 G8	0.0	— 3.0	Fill			30.0	— 75.0	Medium blue Clay	3
	3.0	— 17.0	Medium yellow Clay, some fine Sand	4		75.0	— 80.0	Sand, Gravel, trace Clay	55
	17.0	— 40.0	Blue Clay, some fine Sand	2		80.0	— 90.0	Rock	Cored
	40.0	— 65.1	Blue Clay, some Gravel	2			Elev. Ex. Ground: 17.0'		
	65.1		Refusal — Rock or Boulders	2			Depth Gr. Water: Not given		
	Elev. Ex. Ground:	0.05'		1098 H8	0.0	— 15.5	Fill	4	
	Depth Gr. Water:	0.0'				15.5	— 19.0	Peat, Sand & Gravel	1
1092 H7	0.0	— 5.0	Fill			19.0	— 25.5	Silt, little Wood	1
	5.0	— 11.0	Medium yellow Clay			25.5	— 50.0	Yellow Clay	11
	11.0	— 14.0	Blue Clay		2	50.0	— 101.0	Medium blue Clay, trace fine Sand & Gravel	3
	Elev. Ex. Ground:	0.0'			101.0	— 103.5	Sand & Gravel	47	
	Depth Gr. Water:	Not given			103.5		Refusal, Rock or Boulders		
							Elev. Ex. Ground: 17.0'		
							Depth Gr. Water: Not given		
1093 H8	0.0	— 19.0	Fill	10	1099 H8	0.0	— 5.0	Fill	1
	19.0	— 25.0	Yellow Clay	8		5.0	— 9.0	Silt	1
	25.0	— 82.0	Medium blue Clay, trace Sand	2		9.0	— 20.0	Peat & Silt, trace Shells	2
	82.0	— 88.5	Sand, Gravel, Clay	22		20.0	— 29.0	Yellow Clay	10
	Elev. Ex. Ground:	17.0'			29.0	— 92.5	Medium blue Clay, some Gravel & fine Sand	3	
	Depth Gr. Water:	Not given			92.5	— 102.5	Soft Shale		
1094 H8	0.0	— 10.0	Fill	3		102.5	Refusal — Rock or Boulders		
	10.0	— 23.0	Yellow Clay, some fine Sand	14			Elev. Ex. Ground: 4.5'		
	23.0	— 87.0	Medium blue Clay, some fine Sand	4			Depth Gr. Water: Not given		
	87.0	— 90.0	Fine Sand & Gravel	44	1100 H8	0.0	— 7.5	Fill	13
	90.0	— 99.5	Rock	Cored		7.5	— 16.0	Silt, organic Shells	2
	Elev. Ex. Ground:	16.4'				16.0	— 20.0	Silt, Shells & Peat	4
	Depth Gr. Water:	Not given				20.0	— 22.0	Blue Clay, Sand	13
1095 H8	0.0	— 5.0	Sand, Gravel & Wood	9			22.0	— 29.0	Yellow Clay
	5.0	— 8.0	Yellow Clay, some Gravel	11		29.0	— 40.0	Blue Clay	2
	8.0	— 14.0	Medium yellow Clay	3		40.0	— 93.0	Medium blue Clay, trace Sand & Gravel	3
	14.0	— 70.0	Blue Clay	1		93.0	— 97.0	Sand, Gravel, Clay	24
	70.0	— 73.5	Sand, Gravel & Shale	20			Elev. Ex. Ground: 4.30'		
	73.5		Refusal — Rock or Boulders				Depth Gr. Water: 4.5'		
	Elev. Ex. Ground:	0.5'							
	Depth Gr. Water:	8.5'							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
1101 H8	0.0	— 0.5	Fill	1	1106 18	0.0	— 13.0	Fill	6		
	0.5	— 19.5	Sand, Gravel & Silt	2		13.0	— 20.0	Silt, Shells, Gravel & Sand	2		
	19.5	— 21.5	Sand, Gravel, Stones & Silt	9		20.0	— 24.0	Peat, Sand, Shells, Silt & Gravel	3		
	21.5	— 30.0	Yellow Clay, trace fine Sand & Gravel	16		24.0	— 39.0	Medium yellow Clay, trace blue Clay	12		
	30.0	— 33.5	Yellow Clay & fine Sand	6		39.0	— 129.5	Medium blue Clay, Gravel	3		
	33.5	— 99.5	Medium blue Clay, Gravel & layer Sand	3		129.5	— 130.0	Shale & Gravel	75		
	99.5	— 102.0	Sand, Gravel & Shale	21		Elev. Ex. Ground: 10.1'		Depth Gr. Water: Not given			
	102.0	— 112.0	Shale	Cored		1107 18		0.0	— 8.0	Fill	10
	Elev. Ex. Ground: 5.0'					8.0	— 13.0	Sand, Gravel & Sand	2		
	Depth Gr. Water: 3.5'					13.0	— 19.0	Peat, Sand & Gravel	3		
1102 18	0.0	— 20.0	Fill		19.0	— 30.0	Yellow Clay, trace fine Sand	13			
	20.0	— 34.0	Peat & Sand	2	30.0	— 40.0	Medium yellow Clay, trace fine Sand	6			
	34.0	— 44.0	Yellow Clay, trace blue Clay & Sand	6	40.0	— 54.0	Medium blue Clay & fine Sand	3			
	44.0	— 153.0	Medium blue Clay, trace Sand	2	54.0	— 58.0	Fine Sand & blue Clay	8			
	153.0	— 154.0	Gravel, Sand, & Clay	26	58.0	— 85.0	Medium blue Clay & fine Sand	4			
	154.0		Refusal, Rock or Boulders		85.0	— 90.0	Sand, Gravel & blue Clay	16			
	Elev. Ex. Ground: 16.8'				Elev. Ex. Ground: 10.4'		Depth Gr. Water: Not given				
Depth Gr. Water: Not given				1108 18	0.0	— 21.0	Fill	1			
1103 H8	0.0	— 25.0	Misc. Fill		7	21.0	— 39.0	Yellow Clay	7		
	25.0	— 41.0	Peat, Gravel & Silt		6	39.0	— 82.0	Medium blue Clay	3		
	41.0	— 48.0	Yellow Clay, trace blue Clay		8	82.0	— 86.0	Sand, Clay & Gravel	27		
	48.0	— 151.0	Medium blue Clay, little Sand & Gravel		4	Elev. Ex. Ground: 9.8'		Depth Gr. Water: Not given			
151.0	— 152.5	6" Boulders	Cored	1109 18	0.0	— 20.0	Fill	10			
152.5	— 159.0	Sand, Gravel, Shale & Boulders			20.0	— 37.0	Yellow Clay	15			
159.0	— 169.0	Rock	Cored		37.0	— 86.5	Medium blue Clay & some fine Sand	3			
Elev. Ex. Ground: 20.9'				86.5	— 94.0	Fine Sand, Gravel & Shale	25				
Depth Gr. Water: Not given				94.0	— 104.0	Shale	Cored				
1104 18	0.0	— 10.0	Fill	5	Elev. Ex. Ground: 10.6'		Depth Gr. Water: Not given				
	10.0	— 26.5	Silt & Peat	2	1110 18	0.0	— 14.0	Fill	14		
	26.5	— 30.0	Sand	4		14.0	— 35.0	Peaty sandy Silt & Shells	2		
	30.0	— 40.0	Yellow Clay, trace Sand	5		35.0	— 38.0	Sand & Clay	8		
	40.0	— 136.0	Medium blue Clay, trace Sand	3		38.0	— 40.0	Medium yellow Clay	3		
	136.0	— 138.0	Sand & Gravel	38		40.0	— 103.0	Medium blue Clay & fine Sand	3		
Elev. Ex. Ground: 10.1'				103.0		— 104.5	Fine Sand & Gravel	110			
Depth Gr. Water: Not given				104.5	— 105.0	Shale	75				
1105 18	0.0	— 16.0	Fill		105.0		Refusal, Rock or Boulders				
	16.0	— 29.0	Peat & Silt	2	Elev. Ex. Ground: 9.3'		Depth Gr. Water: 6.0'				
	29.0	— 38.0	Yellow Clay, trace Sand	8	1105 18		0.0	— 16.0	Fill		
	38.0	— 136.5	Medium blue Clay, trace Sand	3	16.0	— 29.0	Peat & Silt	2			
136.5	— 138.0	Sand, Gravel, Clay	58	29.0	— 38.0	Yellow Clay, trace Sand	8				
138.0		Refusal, Rock or Boulders		38.0	— 136.5	Medium blue Clay, trace Sand	3				
Elev. Ex. Ground: 12.5'				136.5	— 138.0	Sand, Gravel, Clay	58				
Depth Gr. Water: Not given				138.0		Refusal, Rock or Boulders					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
1111 18	0.0	10.0	Fill		1117 H8	0.0	7.0	Fill			
	10.0	34.0	Silty Peat	2		7.0	19.0	Silty Peat	1		
	34.0	36.0	Blue Clay	11		19.0	34.0	Yellow Clay	12		
	36.0	88.0	Medium blue Clay	3		34.0	131.0	Medium blue Clay, trace Sand & Gravel	3		
	88.0	90.5	Sand, Gravel, Clay & Shale	32		131.0	134.5	Sand, Gravel Till Clay	120		
	90.5	100.5	Shale	Cored	134.5	144.0	Rock	Cored			
Elev. Ex. Ground: 9.1'					Elev. Ex. Ground: 6.95'						
Depth Gr. Water: Not given					Depth Gr. Water: 7.0'						
1112 18	0.0	7.0	Fill	8	1118 H9	0.0	6.0	Fill	21		
	7.0	20.0	Sandy Peat, Silt & organic Shells	2		6.0	18.0	Silty Peat	2		
	20.0	27.0	Peat	2		18.0	32.0	Yellow Clay, trace Sand	11		
	27.0	29.0	Medium blue Clay	19		32.0	135.0	Blue Clay, trace Sand	5		
	29.0	37.0	Yellow Clay & Stones	23		135.0	140.0	Sand, Gravel, trace Clay	55		
	37.0	40.0	Yellow Clay	6		140.0	152.0	Rock	Cored		
	40.0	122.0	Medium blue Clay, little fine Sand	3		Elev. Ex. Ground: 10.1'					
122.0	125.0	Fine Sand, Gravel Shale	81	Depth Gr. Water: Not given							
Elev. Ex. Ground: 8.20'					Elev. Ex. Ground: 9.2'						
Depth Gr. Water: 6.5'					Depth Gr. Water: 5.5'						
1113 18	0.0	9.5	Fill	7	1119 19	0.0	5.5	Fill			
	9.5	25.0	Peaty Silt, trace Shells	1		5.5	17.0	Peaty Silt			
	25.0	38.0	Yellow Clay	10		17.0	29.0	Yellow Clay & Sand	12		
	38.0	119.0	Medium blue Clay, little Sand & Stones	3		29.0	119.5	Medium blue Clay & fine Sand	4		
	119.0	135.0	Fine Sand & Gravel	45		119.5	124.0	Fine Sand, Gravel, Stones, little Shale	26		
135.0	140.0	Shale	Cored	Elev. Ex. Ground: 9.2'							
Elev. Ex. Ground: 9.0'					Depth Gr. Water: 5.5'						
Depth Gr. Water: 3.0'					Elev. Ex. Ground: 9.52'						
					Depth Gr. Water: Not given						
1114 18	0.0	10.0	Fill	8	1120 H9	0.0	5.5	Fill	11		
	10.0	24.0	Silty Peat	2		5.5	17.0	Silty Peat, some organic Shells	1		
	24.0	35.0	Yellow Clay, trace Sand	16		17.0	37.0	Yellow Clay	17		
	35.0	47.0	Medium blue Clay	3		37.0	135.0	Medium blue Clay, little Sand	3		
Elev. Ex. Ground: 9.33'					135.0				148.0	Fine Sand, Gravel & Stones	50
Depth Gr. Water: 6.0'					148.0				163.0	Shale	Cored
					Elev. Ex. Ground: 9.52'						
					Depth Gr. Water: Not given						
1115 18	0.0	11.5	Sand & Gravel	6	1121 19	0.0	7.0	Fill	2		
	11.5	19.0	Silt	1		7.0	18.0	Peat, trace Silt	1		
	19.0	24.5	Peat, Silt & organic Shells	4		18.0	30.0	Sand, trace Silt	8		
	24.5	34.0	Yellow Clay, trace fine Sand, Gravel	11		30.0	80.0	Medium blue Clay, trace Sand	4		
	34.0	40.0	Medium blue Clay, Gravel	3		80.0	118.0	Blue Clay, trace Gravel	4		
	40.0	48.0	Blue Clay, layer fine Sand	5		118.0	137.0	Sand, Gravel & Boulders	34		
	48.0	114.0	Blue Clay, fine Sand, Gravel	4		Elev. Ex. Ground: 9.6'					
	114.0	118.5	Sand, Gravel, Shale	50		Depth Gr. Water: Not given					
	Elev. Ex. Ground: 9.05'										
Depth Gr. Water: Not given											
1116 H8	0.0	6.0	Fill	3							
	6.0	19.5	Silty Peat	1							
	19.5	37.0	Yellow Clay, trace Sand	14							
	37.0	42.0	Blue Clay	5							
Elev. Ex. Ground: 7.09'											
Depth Gr. Water: Not given											

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1122 19	0.0	— 9.0	Fill		1127 C9	0.0	— 22.0	Misc. Fill	
	9.0	— 13.0	Peat			22.0	— 43.0	Hard yellow Clay	
	13.0	— 19.0	Sandy Silt & organic Shells	2	Elev. Ex. Ground: 15.67'				
	19.0	— 20.0	Fine silty Sand & Gravel		Depth Gr. Water: Not given				
	20.0	— 24.0	Fine Sand & little Clay	7	1128 C9	0.0	— 12.0	Clay & Gravel	
	24.0	— 31.0	Fine Sand	16		12.0	— 23.0	Fine silty Sand & Mud	
	31.0	— 135.0	Medium blue Clay & fine Sand	3		23.0	— 50.0	Hard blue Clay	
135.0	— 141.0	Fine Sand & Gravel	53	Elev. Ex. Ground: 15.67'					
Elev. Ex. Ground: 9.5'				Depth Gr. Water: Not given					
1123 19	0.0	— 20.0	Fill	5	1129 C9	0.0	— 6.0	Clay & Gravel	
	20.0	— 28.0	Silt & organic Shells	3		6.0	— 25.5	Fine silty Sand & Mud	
	28.0	— 35.0	Fine Sand	16	25.5	— 27.0	Loose Sand		
	35.0	— 38.0	Fine Sand	16	27.0	— 42.0	Medium blue Clay		
	38.0	— 42.0	Yellow Clay	8	Elev. Ex. Ground: 14.5'				
	42.0	— 48.0	Blue Clay & Fine Sand	6	Depth Gr. Water: Not given				
	48.0	— 126.0	Medium blue Clay & fine Sand	4	1130 B9	0.0	— 12.0	Clay & Gravel	
126.0	— 133.0	Fine Sand, Gravel & Stones	50	12.0		— 29.0	Fine silty Sand & Mud		
Elev. Ex. Ground: 13.1'				29.0		— 45.0	Hard blue Clay		
Depth Gr. Water: 9.0'				Elev. Ex. Ground: 17'					
1124 19	0.0	— 21.0	Fill	9	Depth Gr. Water: Not given				
	21.0	— 32.0	Sandy Silt & organic Shells	2	1131 C8	0.0	— 1.25	Loam	
	32.0	— 34.0	Medium blue Clay			1.25	— 17.0	Fill	
	34.0	— 39.0	Yellow Clay	25		17.0	— 29.0	Peat & Mud	
	39.0	— 43.0	Blue Clay	8		29.0	— 37.0	Hard yellow Clay	
	43.0	— 119.0	Blue Clay & fine Sand	3	37.0	— 50.0	Medium blue Clay		
	119.0	— 125.0	Fine Sand, Gravel, Stones, trace Clay	47	Elev. Ex. Ground: 15.0'				
Elev. Ex. Ground: 12.7'				Depth Gr. Water: Not given					
Depth Gr. Water: 10.5'				1132 C8	0.0	— 1.5	Loam		
1125 19	0.0	— 22.0	Fill		8	1.5	— 12.0	Fill	
	22.0	— 34.0	Sandy peaty Silt & organic Shells		2	12.0	— 27.5	Peat & Mud	
	34.0	— 39.8	Blue Clay & fine Sand		10	27.5	— 35.0	Hard yellow Clay	
	39.8	— 43.8	Yellow Clay		5	35.0	— 50.0	Medium blue Clay	
	43.8	— 114.0	Medium blue Clay & little Sand	3	Elev. Ex. Ground: 15.0'				
114.0	— 121.0	Fine Sand, Gravel, & Boulders	46	Depth Gr. Water: Not given					
Elev. Ex. Ground: 12.7'				1133 L7	0.0	— 5.0	Fill		
Depth Gr. Water: 10.5'					5.0	— 48.0	Clay		
1126 19	0.0	— 7.0	Fill		2	48.0	— 59.75	Sand & Clay	
	7.0	— 26.0	Peat & Silt		Elev. Ex. Ground: 10.0'				
	26.0	— 34.0	Sand, trace Clay & Silt	9	Depth Gr. Water: 0'				
34.0	— 116.0	Sand, Gravel, Boulders, trace Clay	55	1134 L7	0.0	— 5.0	Fill		
Elev. Ex. Ground: 9.3'					5.0	— 10.0	Silt		
Depth Gr. Water: 7.0'					10.0	— 40.0	Clay		
					Elev. Ex. Ground: 10'				
					Depth Gr. Water: 0'				
1126 19	0.0	— 5.0	Fill		1135 L7	0.0	— 5.0	Fill	
	5.0	— 13.0	Clay			5.0	— 13.0	Clay	
	13.0	— 15.0	Sand & Clay			13.0	— 15.0	Sand & Clay	
	15.0	— 37.0	Clay			15.0	— 37.0	Clay	
	37.0	— 41.5	Sand			37.0	— 41.5	Sand	
Elev. Ex. Ground: 10'				Elev. Ex. Ground: 10'					
Depth Gr. Water: 0'				Depth Gr. Water: 0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/f)	No. and location	Depths		Formation	Penetr. Resist. (Bl/f)
	From	To				From	To		
1136 L7	0.0	5.0	Fill		1143 F2	0.0	18.0	Fill	
	5.0	48.0	Clay			18.0	30.0	Fine silty Sand & Mud	
	48.0	59.0	Fine Sand			30.0	38.0	Hard Sand & Gravel	
	59.0	66.0	Gravel			38.0	45.0	Medium blue Clay	
Elev. Ex. Ground: 10.0'				Elev. Ex. Ground: 12.5'					
Depth Gr. Water: 0.0'				Depth Gr. Water: Not given					
1137 L7	0.0	5.0	Fill		1144 F3	0.0	13.0	Fill	
	5.0	37.0	Clay			13.0	34.5	Fine silty Sand & Mud	
	37.0	40.0	Sand			34.5	42.0	Hard Sand & Gravel	
	40.0	51.0	Fine Sand						
51.0	55.0	Gravel							
Elev. Ex. Ground: 10.0'				Elev. Ex. Ground: 16'					
Depth Gr. Water: 0.0'				Depth Gr. Water: Not given					
1138 L7	0.0	5.0	Fill		1145 C8	0.0	1.5	Loam	
	5.0	47.0	Clay			1.5	12.0	Fill	
	47.0	51.0	Sand & Gravel			12.0	27.6	Mud	
	51.0	58.0	Coarse Gravel			27.6	35.0	Hard yellow Clay	
Elev. Ex. Ground: 10.0'				Elev. Ex. Ground: 15'					
Depth Gr. Water: 0.0'				Depth Gr. Water: Not given					
1139 L7	0.0	5.0	Fill		1146 C8	0.0	1.25	Loam	
	5.0	35.0	Clay			1.25	17.0	Fill	
	35.0	45.0	Sand			17.0	29.0	Peat & Mud	
	45.0	47.0	Gravel			29.0	37.0	Hard yellow Clay	
Elev. Ex. Ground: 10.0'				Elev. Ex. Ground: 15'					
Depth Gr. Water: 0.0'				Depth Gr. Water: Not given					
1140 L7	0.0	5.0	Fill		1147 C8	0.0	1.5	Loam	
	5.0	35.0	Clay			1.5	12.0	Fill	
	35.0	42.0	Coarse Gravel			12.0	27.5	Mud, Peat	
Elev. Ex. Ground: 10.0'				Elev. Ex. Ground: 15'					
Depth Gr. Water: 0.0'				Depth Gr. Water: Not given					
1141 N5	0.0	8.83	Fill	27	1148 C9	0.0	13.5	Fill	
	8.83	14.0	Yellow Sand, some Gravel, trace Silt			13.5	31.0	Fine silty Sand & Mud	
	14.0	18.5	Fine Sand, Clay, some Gravel			31.0	40.0	Hard blue Clay	
	18.5	21.0	Coarse Sand, fine Gravel, trace Clay			40.0	52.0	Medium blue Clay	
21.0	85.0	Medium blue Clay, fine Sand, Gravel, some Boulders	14						
Elev. Ex. Ground: 25'				Elev. Ex. Ground: 17'					
Depth Gr. Water: 11.0'				Depth Gr. Water: Not given					
1142 G3	0.0	8.33	Fill	12	1149 C9	0.0	8.0	Fill	
	8.33	17.5	Coarse silty Sand & fine Gravel			8.0	12.0	Mud	
	17.5	33.5	Fine silty Sand			12.0	33.75	Fine silty Sand & Mud	
	33.5	40.5	Coarse Sand & coarse Gravel			33.75	40.0	Hard blue Clay	
40.5	48.0	Medium blue Clay	14	40.0	52.0	Medium blue Clay			
Elev. Ex. Ground: 12.0'				Elev. Ex. Ground: 17'					
Depth Gr. Water: 3.0'				Depth Gr. Water: Not given					
1150 C9	0.0	8.0	Fill		1150 C9	0.0	8.0	Fill	
	8.0	12.0	Mud			8.0	12.0	Mud	
	12.0	33.0	Fine Siltstone & Mud			12.0	33.0	Fine Siltstone & Mud	
	33.0	39.5	Hard blue Clay			33.0	39.5	Hard blue Clay	
39.5	52.0	Medium blue Clay							
Elev. Ex. Ground: 17'				Elev. Ex. Ground: 17'					
Depth Gr. Water: Not given				Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1151 B9	0.0	— 9.0	Fill		1159 N4	0.0	— 22.5	Fill & River		
	9.0	— 10.0	Mud				22.5	— 33.0	Mud	1
	10.0	— 33.5	Fine silty Sand & Mud				33.0	— 39.0	Silty Sand	3
	33.5	— 39.6	Hard blue Clay				39.0	— 42.0	Coarse Sand, Gravel & Boulders	22
	39.6	— 52.0	Medium blue Clay				42.0	— 50.0	Sand, Gravel & Clay	31
Elev. Ex. Ground:			17'	Elev. Ex. Ground:			-11.5'			
Depth Gr. Water:			Not given	Depth Gr. Water:			Tide			
1152 B9	0.0	— 16.5	Fill		1160 N4	0.0	— 15.0	Fill	7	
	16.5	— 31.0	Fine silty Sand & Gravel				15.0	— 25.0	Silt & Shells	2
	31.0	— 40.0	Medium blue Clay				25.0	— 47.0	Sand, Gravel, & Clay	10
	40.0	— 45.0	Hard blue Clay				47.0	— 53.0	Blue Clay	3
Elev. Ex. Ground:			17'	Elev. Ex. Ground:			9.9'			
Depth Gr. Water:			Not given	Depth Gr. Water:			Tide			
1153 C9	0.0	— 22.7	Fill		1161 N4	0.0	— 25.0	Fill	10	
	22.7	— 28.0	Silt & Peat				25.0	— 44.5	Silty Sand	3
	28.0	— 30.0	Soft blue Clay				44.5	— 47.0	Gravel & Boulders	25
	30.0	— 37.0	Hard yellow Clay				47.0	— 55.0	Sand, Gravel & Clay	30
	37.0	— 40.0	Medium blue Clay				55.0	— 61.5	Shale	15
Elev. Ex. Ground:			18.0'	Elev. Ex. Ground:			9.6'			
Depth Gr. Water:			Not given	Depth Gr. Water:			Tide			
1154 C9	0.0	— 23.0	Fill		1162 M4	0.0	— 14.5	Fill	8	
	23.0	— 28.33	Fine Silty Sand & Mud				14.5	— 29.5	Silt & Shells	2
	28.33	— 37.0	Hard yellow Clay				29.5	— 36.0	Silty Sand, & Shells	3
	37.0	— 45.0	Medium blue Clay				36.0	— 43.5	Medium yellow Clay	7
Elev. Ex. Ground:			18.0'	Elev. Ex. Ground:			11.0'			
Depth Gr. Water:			11'	Depth Gr. Water:			Tide			
1155 I9	0.0	— 11.9	Mud & Slag		1163 M4	0.0	— 14.5	Fill	7	
	11.9	— 29.9	Sand & Clay	15			14.5	— 20.0	Silty Sand & Shells	3
	29.9	— 74.9	Soft Clay	6			20.0	— 27.5	Silt & Shells	2
	74.9	— 97.9	Clay Refusal	6			27.5	— 33.5	Medium yellow Clay	8
Elev. Ex. Ground:			5.0'	Elev. Ex. Ground:			10.6'			
Depth Gr. Water:			Tide	Depth Gr. Water:			3.9'			
1156 I9	0.0	— 12.6	Mud & Silt		1157 E4	0.0	— 12.5	Fill	5	
	12.6	— 37.6	Sandy Clay	24			12.5	— 28.5	Loose Silt & organic Shells	2
	37.6	— 88.6	Clay	6			28.5	— 62.0	Blue Clay	4
	88.6	—	Refusal			Elev. Ex. Ground:			104.3'	
Elev. Ex. Ground:			5.0'	Depth Gr. Water:			5.0'			
Depth Gr. Water:			Tide	Elev. Ex. Ground:			10.6'			
1158 N4	0.0	— 10.0	Fill		1158 N4	0.0	— 10.0	Fill		
	10.0	— 30.0	Silt	2			10.0	— 30.0	Silt	2
	30.0	— 34.5	Silty Sand	4			30.0	— 34.5	Silty Sand	4
	34.5	— 36.0	Coarse Sand & coarse Gravel	20			34.5	— 36.0	Coarse Sand & coarse Gravel	20
	36.0	— 40.0	Shale	150			36.0	— 40.0	Shale	150
Elev. Ex. Ground:			-21.1'	Elev. Ex. Ground:			-21.1'			
Depth Gr. Water:			Tide	Depth Gr. Water:			Tide			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1164 M5	0.0	— 15.5	Fill	5	1169 N3	0.0	— 39.0	Fill	6
	15.5	— 19.0	Silty Sand, Silt & Shells	2		39.0	— 45.0	Sandy Silt	3
	19.0	— 22.5	Peaty Silt	2		45.0	— 47.5	Coarse Sand & Gravel	23
	22.5	— 24.0	Medium blue Clay	7		47.5	— 50.5	Yellow Clay	11
	24.0	— 30.0	Yellow Clay	20		50.5	— 58.0	Fine Sand, Gravel & Clay	24
	30.0	— 37.5	Medium yellow Clay	8		58.0	— 61.0	Shale	110
	37.5	— 58.0	Blue Clay	3				Refusal	
	58.0	— 61.0	Sand, Gravel, Clay & Boulders	60					
	61.0	— 62.0	Shale	150				Elev. Ex. Ground:	11.0'
	62.0		Refusal					Depth Gr. Water:	Not given
		Elev. Ex. Ground:	10.9'	1170 M3	0.0	— 18.5	Fill	13	
		Depth Gr. Water:	11.0'		18.5	— 33.0	Silty Sand	6	
1165 N4	0.0	— 18.0	Fill		4	33.0	— 45.0	Silty Sand & Shells	9
	18.0	— 26.5	Silt & Shells		2	45.0	— 50.5	Coarse Sand & Gravel	24
	26.5	— 48.0	Silty Sand		3	50.5	— 54.0	Fine Sand, Gravel & little Clay	23
	48.0	— 49.5	Coarse blue Clay		18	54.0	— 58.0	Fine Sand, Gravel & Boulders	58
	49.5	— 52.5	Blue Clay		4	58.0		Refusal	
	52.5	— 58.0	Sand, Gravel, & Clay		25			Elev. Ex. Ground:	10.9'
	58.0	— 62.0	Sand, Gravel, Clay, Hardpan		150			Depth Gr. Water:	11'
	62.0		Refusal						
		Elev. Ex. Ground:	9.7'	1171 M3	0.0	— 17.0	Fill	17	
		Depth Gr. Water:	Tide		17.0	— 23.0	Sandy Silt	2	
1166 N3	0.0	— 8.0	Soft Silt			23.0	— 39.0	Silty Sand	6
	8.0	— 13.5	Coarse silty Sand, Gravel & Wood		4	39.0	— 45.5	Peaty & sandy Silt	3
	13.5	— 20.5	Coarse Sand & Gravel		29	45.5	— 47.5	Medium blue Clay & little fine Sand	9
	20.5	— 23.5	Cemented Sand, Gravel, Clay, & Hardpan			47.5	— 51.5	Fine Sand, Gravel, Boulders & Clay	
		Elev. Ex. Ground:	-20.8' Riverbed	51.5		Refusal			
		Depth Gr. Water:	Tide			Elev. Ex. Ground:	10.4'		
1167 N3	0.0	— 3.0	Fill				Depth Gr. Water:	7.5'	
	3.0	— 16.5	Silt, little Sand, Gravel & Shells		1172 M3	0.0	— 19.0	Misc. Fill	16
	16.5	— 21.0	Fine silty Sand & Mica	3		19.0	— 39.5	Silty Sand & Shells	4
	21.0	— 24.0	Fine silty Sand, Gravel, Shells	13		39.5	— 47.5	Yellow Clay & little fine Sand	10
	24.0	— 27.0	Coarse Sand, Gravel & Stones	36		47.5	— 54.0	Medium yellow Clay	8
	27.0	— 30.0	Fine Sand, Gravel, Boulders, Clay	40		54.0	— 59.5	Fine Sand, Gravel, Boulders & Clay	34
		Elev. Ex. Ground:	-17.2 Riverbed	59.5			Refusal		
		Depth Gr. Water:	Tide			Elev. Ex. Ground:	10.4'		
1168 N3	0.0	— 8.0	Soft Silt				Depth Gr. Water:	11.0'	
	8.0	— 16.5	Coarse silty Sand & fine Gravel	4	1173 M3	0.0	— 16.0	Misc. Fill	14
	16.5	— 21.5	Coarse Sand, Gravel, very little Clay	24		16.0	— 19.5	Siltstone & Shells	5
	21.5	— 25.5	Cemented Sand, Gravel, Clay & Hardpan	53		19.5	— 22.5	Fine Sand, Gravel & little Clay	13
			Elev. Ex. Ground:	-21.6' Riverbed		22.5	— 26.0	Blue Clay	20
		Depth Gr. Water:	Not given	26.0		— 30.5	Yellow Clay	10	
				30.5	— 35.0	Fine Sand, Gravel & little Clay	17		
				35.0	— 48.5	Sand & very little Clay	36		
						Elev. Ex. Ground:	10.9'		
						Depth Gr. Water:	12.0'		

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1174 M3	0.0	— 16.0	Misc. Fill	12	1178 L2	0.0	— 12.1	Misc. Fill	
	16.0	— 21.0	Yellow Clay & little fine Sand	21		12.1	— 14.5	Loose fine peaty Sand	3
	21.0	— 28.0	Yellow Clay & Stones	11		14.5	— 18.5	Medium silty Sand, Gravel & Boulders	18
	28.0	— 34.0	Medium blue Clay & little fine Sand	7		18.5	— 25.5	Yellow Clay	15
	34.0	— 43.0	Fine Sand, Gravel, Boulders & Clay	30		25.5	— 30.5	Medium yellow Clay & little fine Sand	7
	43.0		Refusal			30.5	— 32.5	Soft yellow Clay	
						32.5	— 42.5	Medium Sand, Gravel, Boulders & little Clay	65
Elev. Ex. Ground:			11.1'	Elev. Ex. Ground:			10.8'		
Depth Gr. Water:			11.0'	Depth Gr. Water:			4.5'		
1175 M3	0.0	— 16.0	Granular Fill	18	1179 M3	0.0	— 28.0	Misc. Fill	7
	16.0	— 24.5	Yellow Clay & Stones	16		28.0	— 44.0	Silty Sand	4
	24.5	— 27.0	Fine Sand, Gravel & Clay	11		44.0	— 49.0	Coarse Sand & Gravel	27
	27.0	— 32.0	Medium blue Clay & little fine Sand	6		49.0	— 52.0	Blue Clay	10
	32.0	— 40.5	Medium Sand, Gravel & Stones	24		52.0	— 57.0	Medium blue Clay	7
	40.5	— 47.5	Fine Sand, Gravel, Boulders & Clay	32		57.0	— 67.0	Blue Clay	5
Elev. Ex. Ground:			12.7'	Elev. Ex. Ground:			10.6'		
Depth Gr. Water:			11.0'	Depth Gr. Water:			9.0'		
1176 L3	0.0	— 14.0	Misc. Fill	20	1180 M5	0.0	— 13.5	Misc. Fill	
	14.0	— 23.5	Fine Sand, Gravel & Boulders	32		13.5	— 20.0	Silt & Shells	2
	23.5	— 29.0	Fine Sand, Gravel & little Clay	21		20.0	— 22.5	Peat	3
	29.0	— 35.5	Fine Sand, Gravel & Boulders	41		22.5	— 24.0	Medium blue Clay & fine Sand	7
	35.5		Refusal			24.0	— 33.5	Yellow Clay	18
Elev. Ex. Ground:			12.6'	Elev. Ex. Ground:			10.2'		
Depth Gr. Water:			11.5'	Depth Gr. Water:			13.0'		
1177 M2	0.0	— 20.5	Granular Fill		1181 M5	0.0	— 15.5	Misc. Fill	4
	20.5	— 24.5	Peaty Silt	2		15.5	— 19.0	Silt & Shells	2
	24.5	— 27.0	Medium silty Sand & Gravel	14		19.0	— 23.5	Stiff Peat	3
	27.0	— 31.0	Sandy Silt	4		23.5	— 24.5	Medium blue Clay	7
	31.0	— 37.5	Yellow Clay	13		24.5	— 29.0	Yellow Clay	20
	37.5	— 41.0	Medium yellow Clay, little fine Sand	7		29.0	— 35.5	Medium yellow Clay	8
	41.0	— 44.0	Clay & little Sand, Boulders			35.5	— 54.0	Medium blue Clay	7
	44.0	— 53.0	Fine Sand, Gravel & little Clay	32		54.0	— 59.5	Sand, Gravel & Clay	20
	53.0	— 58.5	Fine Sand, Gravel & Boulders			59.5	— 64.0	Sand, Gravel, Clay, Hardpan	65
58.5		Refusal		Elev. Ex. Ground:			11.5'		
Elev. Ex. Ground:			11.5'	Depth Gr. Water:			11.0'		
Depth Gr. Water:			10.0'	Elev. Ex. Ground:			11.5'		
				Depth Gr. Water:			11.0'		

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1182 M5	0.0	6.6	Misc. Fill	8	1185 M6	0.0	12.5	Misc. Fill	4
	6.6	18.5	Sand, Gravel, Clay & Boulders	30		12.5	15.5	Wood	
	18.5	24.5	Medium blue Clay, Sand & Gravel	10		15.5	20.0	Medium yellow Clay	9
	24.5	31.0	Sand, Gravel, Boulders, little Clay	50		20.0	26.5	Medium blue Clay & fine Sand	5
	31.0	45.5	Coarse Sand & Gravel	20		26.5	40.0	Blue Clay & fine Sand	3
	45.5	53.0	Sand, Gravel & Clay	40		40.0	60.0	Blue Clay, fine Sand, some coarse Gravel	2
	53.0	67.5	Medium blue Clay, Sand & Gravel	10		60.0	75.0	Blue Clay	1
	67.5	71.0	Sand, Gravel, Clay & Boulders	60		75.0	87.0	Fine Sand, little fine Gravel	14
	71.0		Refusal			87.0		Refusal	
	Elev. Ex. Ground: 16.6'					Elev. Ex. Ground: 10.9'			
Depth Gr. Water: 8.0'				Depth Gr. Water: 7.0'					
1183 M5	0.0	8.5	Misc. Fill	4	1186 M6	0.0	9.5	Misc. Fill	7
	8.5	14.5	Yellow Clay, Sand, coarse Gravel	22		9.5	16.0	Fine Sand, Gravel, Stones & Clay	27
	14.5	18.0	Fine Sand & Clay	14		16.0	17.5	Yellow Clay	9
	18.0	23.5	Medium blue Clay, Sand & Gravel	10		17.5	31.0	Medium blue Clay	7
	23.5	33.0	Sand, Gravel & Clay & Boulders	25		31.0	38.0	Medium blue Clay, little Sand & Gravel	8
	33.0	55.5	Medium blue Clay, Sand, Gravel & Boulders	12		38.0	50.5	Medium Sand & Gravel	26
	55.5		Refusal			50.5	57.0	Medium Sand, Gravel & Boulders	48
Elev. Ex. Ground: 13.5'				Elev. Ex. Ground: 18.4'					
Depth Gr. Water: 7.0'				Depth Gr. Water: 8.5'					
1184 M6	0.0	9.5	Misc. Fill	8	1187 M6	0.0	12.5	Misc. Fill	8
	9.5	16.5	Yellow Clay	20		12.5	22.5	Medium yellow Clay, little fine Gravel	10
	16.5	22.0	Medium yellow Clay, little Gravel	9		22.5	35.0	Medium blue Clay & Stones	7
	22.0	32.5	Medium blue Clay, layer Sand & Gravel	7		35.0	50.0	Medium blue Clay	6
	32.5	40.0	Blue Clay & little fine Sand	4		50.0	58.5	Sand, Gravel & Clay	25
	40.0	50.5	Fine Sand & Clay	6		58.5	65.0	Fine Sand & Clay	10
	50.5	83.0	Blue Clay	3		65.0	77.0	Blue Clay	4
	83.0	86.5	Fine Sand, little Gravel & Clay	15		77.0	80.0	Shale	100
	86.5	88.0	Sand, Gravel, Boulders, Hardpan	125		80.0		Refusal	
	88.0		Refusal			Elev. Ex. Ground: 11.7'			
Elev. Ex. Ground: 12.1'				Depth Gr. Water: 10.0'					
Depth Gr. Water: 8.0'				1188 M6	0.0	18.5	Misc. Fill		
					18.5	26.0	Yellow Clay, little fine Sand	18	
					26.0	58.0	Blue Clay, little fine Sand	4	
					58.0	85.5	Blue Clay	2	
					85.5	97.0	Medium blue Clay, layers fine Sand	6	
					97.0	100.0	Sand, Gravel & Clay, Hardpan	60	
					100.0		Refusal		
Elev. Ex. Ground: 10.8'				Elev. Ex. Ground: 10.8'					
Depth Gr. Water: 8.0'				Depth Gr. Water: 10.0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1189 M6	0.0	8.5	Granular Fill	10	1193 M6	0.0	11.0	Misc. Fill	9
	8.5	15.0	Sand, Gravel, Clay & Boulders	30		11.0	21.5	Medium yellow Clay & fine Sand	10
	15.0	19.0	Medium yellow Clay	9		21.5	26.5	Medium yellow Clay	7
	19.5	33.5	Medium blue Clay	7		26.5	65.0	Blue Clay & fine Sand	3
	33.5	47.5	Sand, Gravel & Clay	10		65.0	90.5	Medium Sand, Gravel & Clay	10
	47.5	56.0	Medium blue Clay	7		90.5	92.5	Sand, Gravel & Clay	35
	56.0	83.0	Blue Clay & little layers fine Sand	4		92.5	93.0	Shale	40
	83.0	86.0	Shale	100		93.0		Refusal - Rock or Boulders	
	Elev. Ex. Ground: 17.8'						Elev. Ex. Ground: 9.4'		
Depth Gr. Water: 8.0'					Depth Gr. Water: 9.5'				
1190 M6	0.0	10.0	Misc. Fill	8	1194 M6	0.0	1.5	Pavement	
	10.0	16.5	Yellow Clay	20		1.5	15.5	Misc. Fill	
	16.5	24.0	Medium yellow Clay	8		15.5	17.0	Silt	2
	24.0	34.5	Medium blue Clay	6		17.0	18.5	Medium blue Clay	7
	34.5	40.0	Blue Clay	4		18.5	23.5	Yellow Clay & little fine Sand	14
	40.0	55.0	Fine Sand & Clay	6		23.5	27.5	Medium yellow Clay	7
	55.0	86.5	Blue Clay, little layers fine Sand	4		27.5	45.0	Blue Clay	3
	86.5	90.0	Shale	100		45.0	80.0	Blue Clay & Stones	3
	90.0		Refusal			80.0	95.0	Blue Clay Sand, Gravel, & Clay	2
Elev. Ex. Ground: 10.4'					Elev. Ex. Ground: 9.8'				
Depth Gr. Water: 8.5'					Depth Gr. Water: 8.0'				
1191 M5	0.0	14.5	Misc. Fill	8	1195 M7	0.0	12.0	Misc. Fill	
	14.5	16.0	Medium yellow Clay	7		12.0	17.0	Sandy Silt & Shells	3
	16.0	18.5	Sand, Gravel, & Clay	25		17.0	19.0	Medium blue Clay	10
	18.5	22.0	Medium yellow Clay	10		19.0	25.5	Yellow Clay & little fine Sand	13
	22.0	24.5	Sand, Gravel, & Clay	20		25.5	36.5	Medium yellow Clay	8
	24.5	30.0	Medium blue Clay	6		36.5	41.0	Blue Clay	5
	30.0	47.5	Medium blue Clay, Sand & Gravel	10		41.0	53.0	Blue Clay, fine Sand, Gravel & Boulders	18
	47.5	51.0	Fine blue Clay	35		53.0	78.0	Medium blue Clay, little fine Sand, Gravel & Stones	8
	51.0		Refusal			78.0	81.5	Gravel, Boulders & Clay	25
Elev. Ex. Ground: 11.0'					Elev. Ex. Ground: 9.8'				
Depth Gr. Water: 10.0'					Depth Gr. Water: 7.5'				
1192 M6	0.0	17.0	Misc. Fill	4					
	17.0	18.5	Silt & Shells	5					
	18.5	23.0	Medium yellow Clay & fine Sand	10					
	23.0	27.0	Medium yellow Clay	7					
	27.0	34.0	Blue Clay & fine Sand	4					
	34.0	77.5	Blue Clay	2					
	77.5		Refusal						
Elev. Ex. Ground: 11.0'									
Depth Gr. Water: 9.5'									

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1196 M7	0.0	2.0	Pavement		1200 M7	0.0	15.0	Misc. Fill		
	2.0	12.5	Misc. Fill	4		15.0	26.5	Silty Sand & Shells	3	
	12.5	22.0	Silt	2		26.5	31.0	Yellow Clay & little fine Sand	22	
	22.0	28.5	Yellow Clay, little fine Sand	18		31.0	46.0	Medium yellow Clay & little fine Sand	9	
	28.5	39.0	Medium yellow Clay & Stones	7		46.0	83.5	Blue Clay, Sand, Gravel & Stones	4	
	39.0	65.0	Blue Clay & Stones	4		83.5	86.0	Sand, Gravel, Boulders & Clay	60	
	65.0	78.5	Blue Clay	3		86.0	89.0	Medium Sand, Gravel, Boulders, Hardpan	81	
	78.5	81.0	Sand, Gravel, Clay & Boulders	40		89.0		Refusal		
	81.0	85.0	Sand, Gravel & Clay	18						
	85.0	87.0	Shale	75						
	87.0		Refusal							
Elev. Ex. Ground: 9.8'					Elev. Ex. Ground: 9.5'					
Depth Gr. Water: 8.5'					Depth Gr. Water: 7.5'					
1197 M7	0.0	11.0	Misc. Fill		1201 M7	0.0	1.5	Pavement		
	11.0	21.0	Sandy Silt, little Gravel & Boulders	5		1.5	13.5	Misc. Fill	9	
	21.0	27.0	Yellow Clay, little fine Sand	18		13.5	22.0	Timbers	2	
	27.0	38.0	Medium yellow Clay, little Sand & Gravel	10		22.0	30.5	Silt & Shells	6	
	38.0	65.0	Medium blue Clay, fine Sand, Gravel & Stones	12		30.5	34.0	Peat	6	
	65.0	80.0	Medium blue Clay, fine Sand, Gravel & Boulders	19		34.0	35.5	Medium blue Clay, Sand & Gravel	7	
	80.0	85.0	Sand, Gravel, Boulders & Clay	60		35.5	40.0	Medium yellow Clay	9	
	85.0		Refusal			40.0	52.0	Blue Clay & layers fine Sand	2	
	Elev. Ex. Ground: 10.2'						Elev. Ex. Ground: 8.5'			
	Depth Gr. Water: 8.0'						Depth Gr. Water: -7.0'			
	1198 M7	0.0	18.5	Misc. Fill			1202 M7	0.0	19.5	Misc. Fill
18.5		22.0	Silt & Shells	2	19.5	32.0		Sandy Silt & Shells	3	
22.0		31.5	Yellow Clay	18	32.0	35.5		Yellow Clay, little Sand & Gravel	17	
31.5		41.0	Yellow Clay, Sand, Gravel, & Stones	22	35.5	44.0		Medium yellow Clay & little fine Sand	8	
41.0		49.5	Sand, Gravel & Clay	16	44.0	65.0		Blue Clay & fine Sand	3	
49.5		72.5	Medium blue Clay, Sand & Gravel	10	65.0	86.0		Blue Clay & Sand	5	
72.5		78.0	Sand, Gravel, Clay & Boulders	40	86.0	92.0		Fine Sand, Gravel & Boulders	67	
78.0		80.0	Shale	50	92.0			Refusal		
80.0			Refusal		Elev. Ex. Ground: 9.3'					
Elev. Ex. Ground: 10.0'					Depth Gr. Water: 8.0'					
Depth Gr. Water: 8.0'					1203 M7	0.0		10.0	Granular Fill	5
1199 M7	0.0	12.0	Misc. Fill			10.0	17.5	Concrete Fill	4	
	12.0	18.0	Sandy peaty Silt & Shells	2		17.5	23.5	Silt	10	
	18.0	32.5	Yellow Clay, little Sand & Gravel	10		23.5	35.0	Yellow Clay	3	
	32.5	43.5	Medium blue Clay, Sand & Gravel	7		35.0	66.5	Blue Clay	25	
	43.5	76.0	Fine Sand, Gravel & Stones	18		66.5	68.0	Sand, Gravel & Clay		
	76.0	78.5	Shale	80		68.0		Refusal		
	78.5		Refusal			Elev. Ex. Ground: 8.8'				
	Elev. Ex. Ground: 9.4'						Depth Gr. Water: 9.0'			
	Depth Gr. Water: 7.0'						Depth Gr. Water: 9.0'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1204 M8	0.0	— 14.5	Misc. Fill	6	1208 L8	0.0	— 5.0	Misc. Fill	24
	14.5	— 17.5	Peaty Silt			5.0	— 10.5	Sand, Gravel & Clay	
	17.5	— 19.0	Medium yellow Clay			10.5	— 16.5	Blue Clay, Sand & Gravel	
	19.0	— 30.0	Yellow Clay, fine Sand & Gravel			16.5	— 20.0	Medium blue Clay, Sand & Gravel	
	30.0	— 44.5	Coarse Sand, Gravel & Clay			20.0	— 30.5	Blue Clay, Sand, Gravel & Boulders	
	44.5	— 50.0	Cemented Sand, Gravel & Clay			30.5	— 34.0	Blue Clay, Sand & Gravel	
	50.0		Refusal			34.0	— 42.5	Blue Clay, Sand, Gravel & Boulders	
							Refusal	70	
	Elev. Ex. Ground: 8.9'				Elev. Ex. Ground: 14.1'				
	Depth Gr. Water: 3.5'				Depth Gr. Water: Not given				
1205 M8	0.0	— 3.0	Misc. Fill	17	1209 L8	0.0	— 2.0	Misc. Fill	36
	3.0	— 25.0	Sand, Clay & Gravel			2.0	— 33.0	Sand, Clay & Gravel	
	25.0	— 41.0	Hard Sand, Clay & Gravel			33.0		Refusal	
	41.0		Refusal						
	Elev. Ex. Ground: 13.7'				Elev. Ex. Ground: 16.5'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
1206 M8	0.0	— 1.5	Misc. Fill	15	1210 L8	0.0	— 8.0	Misc. Fill	37
	1.5	— 6.5	Hard Sand, Gravel & Clay			8.0	— 38.0	Sand, Clay & Gravel	
	6.5	— 20.5	Blue Clay, Sand & Gravel			38.0		Refusal	
	20.5	— 28.5	Blue Clay, Gravel & Sand						
	28.5	— 35.0	Blue Clay, Sand, little Gravel						
	35.0	— 61.5	Blue Clay, Sand, Gravel & Boulders						
	61.5		Refusal						
	Elev. Ex. Ground: 16.6'				Elev. Ex. Ground: 14.3'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
1207 L8	0.0	— 1.5	Pavement	50.	1211 L8	0.0	— 1.0	Misc. Fill	39
	1.5	— 2.5	Misc. Fill			1.0	— 32.0	Sand, Clay & Gravel	
	2.5	— 9.5	Sand, Gravel, Clay & Boulders			32.0		Refusal	
	9.5	— 15.5	Blue Clay, Sand & Gravel						
	15.5	— 28.5	Blue Sand, Gravel, Clay & Boulders						
	28.5	— 41.5	Blue Clay, Sand, & Gravel						
	41.5	— 50.0	Sand, Gravel, Clay & Boulders						
	50.0		Refusal						
	Elev. Ex. Ground: 15.5'				Elev. Ex. Ground: 18.1'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
1208 L8	0.0	— 1.0	Loam	41	1212 L8	0.0	— 1.0	Loam	41
	1.0	— 3.0	Misc. Fill			1.0	— 3.0	Misc. Fill	
	3.0	— 37.0	Sand, Clay & Gravel			3.0	— 37.0	Sand, Clay & Gravel	
	37.0		Refusal			37.0		Refusal	
	Elev. Ex. Ground: 21.0'				Elev. Ex. Ground: 21.0'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				
1213 L8	0.0	— 11.5	Fill	18	1213 L8	0.0	— 11.5	Fill	18
	11.5	— 20.5	Fine Sand & Gravel, little Clay			11.5	— 20.5	Fine Sand & Gravel, little Clay	
	20.5	— 54.0	Sand, Gravel & little Clay			20.5	— 54.0	Sand, Gravel & little Clay	
	54.0	— 57.0	Cemented Sand, Gravel, little Clay, Hardpan			54.0	— 57.0	Cemented Sand, Gravel, little Clay, Hardpan	
	57.0		Refusal			57.0		Refusal	
	Elev. Ex. Ground: 15.7'				Elev. Ex. Ground: 15.7'				
	Depth Gr. Water: Not given				Depth Gr. Water: 22.0'				

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1214 L8	0.0	— 6.0	Misc. Fill	7	1219 K8	0.0	— 15.0	Misc. Fill	11
	6.0	— 8.0	Organic Silt & Wood	4		15.0	— 26.0	Sand, Gravel & Clay	31
	8.0	— 19.0	Fine Sand, Gravel & Clay	23		26.0	— 37.0	Cemented Sand, Gravel & little Clay	63
	19.0	— 31.0	Clay, Sand & fine Gravel	37		37.0	— 61.0	Cemented Sand, Gravel & little Clay, Hardpan	102
	31.0	— 47.5	Fine Sand, fine Gravel & Clay	44					
	47.5	— 52.0	Cemented Sand, Gravel & Clay, Hardpan	81					
	Elev. Ex. Ground: 13.8'					Elev. Ex. Ground: 11.9'			
	Depth Gr. Water: 8.0'					Depth Gr. Water: 7.5'			
1215 L8	0.0	— 1.0	Concrete		1220 K8	0.0	— 1.5	Paving & Concrete	
	1.0	— 7.5	Misc. Fill	8		1.5	— 11.0	Misc. Fill	72
	7.5	— 9.0	Fine Sand & Clay	10		11.0	— 19.0	Sand, little Clay & Gravel	37
	9.0	— 17.5	Blue Clay	10		19.0	— 34.5	Fine Sand, Gravel & Clay	34
	17.5	— 25.5	Fine Sand, Gravel & Clay	14		34.5	— 43.0	Cemented Sand, Gravel & Clay	76
	25.5	— 48.5	Fine Sand, Gravel & Clay	24	43.0	— 51.0	Cemented Sand, Gravel & Clay, Hardpan	97	
	48.5	— 53.0	Fine Sand, Gravel & Boulders	24					
	53.0		Refusal - Rock or Boulders						
	Elev. Ex. Ground: 18.6'					Elev. Ex. Ground: 17.8'			
	Depth Gr. Water: 9.6'					Depth Gr. Water: 14.5'			
1216 K8	0.0	— 13.5	Misc. Fill		1221 K8	0.0	— 5.5	Granular Fill	4
	13.5	— 18.0	Medium blue Clay	8		5.5	— 18.0	Sand, Gravel & Clay	22
	18.0	— 30.0	Fine Sand, Gravel & Clay	27		18.0	— 65.0	Sand, Gravel, Clay & Boulders	47
	30.0	— 50.0	Cemented Sand, fine Gravel & little Clay	54	65.0	— 70.0	Sand, Gravel, little Clay & Boulders	80	
	50.0	— 56.5	Cemented Sand, Gravel & little Clay, Hardpan	87					
	Elev. Ex. Ground: 16.9'					Elev. Ex. Ground: 14.3'			
	Depth Gr. Water: 14.5'					Depth Gr. Water: 19.5'			
1217 K8	0.0	— 7.5	Rip Rap Fill		1222 K8	0.0	— 6.0	Misc. Fill	
	7.5	— 17.5	Organic Silt & little Fine Sand	2		6.0	— 16.0	Fine Sand, Gravel & Clay	27
	17.5	— 52.5	Sand, Gravel & Clay	26		16.0	— 28.0	Blue Clay, fine Sand & Gravel	22
	52.5	— 55.0	Sand, Gravel, Clay & Boulders, Hardpan	80		28.0	— 32.0	Sand, Gravel, Clay & Boulders	37
	55.0		Refusal			32.0	— 34.0	Boulders	
	Elev. Ex. Ground: 11.5'				34.0	— 39.0	Medium Sand, Gravel, Clay & Boulders	16	
	Depth Gr. Water: 5.5'				39.0	— 59.0	Sand, Gravel, Clay & Boulders	38	
1218 K8	0.0	— 17.5	Misc. Fill	34	59.0	— 62.0	Fine Sand	35	
	17.5	— 42.0	Cemented Sand, Gravel & little Clay	43	62.0	— 65.0	Sand, Gravel, Clay & Boulders	87	
	42.0	— 51.0	Sand, Gravel & little Clay, Hardpan	102					
	51.0		Refusal						
	Elev. Ex. Ground: 15.5'					Elev. Ex. Ground: 17.3'			
	Depth Gr. Water: 12.5'					Depth Gr. Water: Not given			

No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1234 18	0.0	— 10.5	Misc. Fill		1238 H8	0.0	— 4.0	Misc. Fill	10
	10.5	— 14.0	Medium organic Silty Sand, Gravel	13		4.0	— 21.0	Peaty Silt	3
	14.0	— 20.5	Peaty Silt & Shells	2		21.0	— 33.5	Yellow Clay & coarse Sand	28
	20.5	— 26.0	Medium yellow Clay	12		33.5	— 128.5	Blue Clay	3
	26.0	— 108.0	Blue Clay, little fine Sand & Stones	4		128.5	— 135.0'	Coarse Sand, Gravel & Clay	35
	108.0	— 110.0	Fine Sand, Gravel & Boulders			135.0	— 135.5	Shale	100
	110.0		Refusal			135.5		Refusal	
	Elev. Ex. Ground: 10.2'				Elev. Ex. Ground: 5.3'				
	Depth Gr. Water: 10.0'				Depth Gr. Water: 9.0'				
1235 18	0.0	— 9.0	Misc. Fill	16	1239 H8	0.0	— 9.5	Granular Fill	
	9.0	— 27.5	Silty Peat & Shells	1		9.5	— 23.0	Silt & Peat	
	27.5	— 33.0	Medium blue Clay & little fine Sand	8		23.0	— 26.5	Coarse Sand, trace Clay	8
	33.0	— 40.0	Medium yellow Clay	12		26.5	— 37.0	Yellow Clay	19
	40.0	— 130.0	Blue Clay & little fine Sand	4		37.0	— 101.0	Blue Clay	3
	130.0	— 134.0	Fine Sand, Gravel & little Clay, Boulders	42		101.0	— 110.0	Sand, Gravel & Clay	18
	134.0		Refusal			110.0	— 111.0	Shale	97
	Elev. Ex. Ground: 9.9'				Elev. Ex. Ground: 8.2'				
	Depth Gr. Water: 10.0'				Depth Gr. Water: Not given				
1236 18	0.0	— 9.0	Misc. Fill	11	1240 H8	0.0	— 0.5	Pavement	
	9.0	— 23.5	Silt & fine Sand	3		0.5	— 3.0	Misc. Fill	10
	23.5	— 37.5	Yellow Clay	14		3.0	— 21.5	Peaty Silt	3
	37.5	— 120.5	Blue Clay	3		21.5	— 25.0	Fine Sand, Gravel & little Clay	6
	120.5	— 123.0	Sand, Gravel & little Clay	40		25.0	— 31.5	Yellow Clay	20
	123.0	— 125.0	Medium Sand, Gravel & Clay	25		31.5	— 138.5	Blue Clay	3
	125.0	— 128.5	Coarse Sand, Gravel & little Clay			138.5	— 143.5	Coarse Sand, Gravel & Clay	35
	128.5	— 129.2	Shale	100		143.5	— 148.5	Sand, Gravel & Clay	65
	129.2		Refusal			148.5	— 149.5	Shale	130
		Elev. Ex. Ground: 9.0'					Elev. Ex. Ground: 7.0'		
	Depth Gr. Water: 14.8'				Depth Gr. Water: 5.0'				
1237 H8	0.0	— 1.3	Paving	3	1241 H9	0.0	— 0.5	Pavement	
	1.3	— 9.0	Misc. Fill	3		0.5	— 13.0	Misc. Fill	10
	9.0	— 30.0	Peaty Silt			13.0	— 22.0	Silt & fine Sand	3
	30.0	— 32.5	Blue Clay & medium Sand	15		22.0	— 37.5	Yellow Clay	15
	32.5	— 38.5	Yellow Clay	14		37.5	— 82.5	Blue Clay	3
	38.5	— 133.5	Blue Clay	3		82.5	— 90.5	Fine Sand, Gravel, & little Clay	65
	133.5	— 135.5	Sand, Gravel & Clay	100		90.5	— 91.0	Shale	120
	Elev. Ex. Ground: 13.0'				Elev. Ex. Ground: 9.8'				
	Depth Gr. Water: 10.0'				Depth Gr. Water: 17.0'				
1242 H9	0.0	— 7.5	Misc. Fill		1242 H9	0.0	— 7.5	Misc. Fill	
	7.5	— 25.5	Organic Silt & fine Sand	2		7.5	— 25.5	Organic Silt & fine Sand	2
	25.5	— 33.0	Blue Clay & little fine Sand			25.5	— 33.0	Blue Clay & little fine Sand	
	33.0	— 127.0	Blue Clay	3		33.0	— 127.0	Blue Clay	3
	127.0	— 130.5	Cemented Sand, Gravel, little Clay, Hardpan	76		127.0	— 130.5	Cemented Sand, Gravel, little Clay, Hardpan	76
	130.5		Refusal			130.5		Refusal	
		Elev. Ex. Ground: 10.0'					Elev. Ex. Ground: 10.0'		
	Depth Gr. Water: 9.5'				Depth Gr. Water: 9.5'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1243 G9	0.0	10.0	Misc. Fill	6	1248 G9	0.0	10.0	River Bed	4
	10.0	19.5	Organic Silt & fine Sand	2		10.0	27.0	Silt	2
	19.5	30.0	Yellow Clay	19		27.0	78.5	Blue Clay	3
	30.0	110.0	Blue Clay	3		78.5	89.0	Coarse blue Clay, Gravel, Clay	26
	110.0	114.5	Fine Sand, Gravel & Clay	37		89.0	89.3	Fine Sand, Gravel, Clay & Boulders	100
	114.5		Refusal			89.3		Refusal	
Elev. Ex. Ground: 10.0'					Elev. Ex. Ground: -3.0'				
Depth Gr. Water: 8.5'					Depth Gr. Water: Not given				
1244 G9	0.0	13.0	Misc. Fill	3	1249 G9	0.0	27.0	Misc. Fill	7
	13.0	27.0	Organic sandy Silt & Shells	8		27.0	41.0	Fine organic sandy Silt	8
	27.0	35.0	Medium blue Clay	8		41.0	60.0	Yellow Clay	13
	35.0	107.5	Blue Clay	4		60.0	93.0	Blue Clay	3
	107.5	112.0	Fine Sand, Gravel, Boulders & little Clay	33		93.0	99.3	Medium Sand, Clay, Gravel & Boulders	43
	112.0		Refusal	100		99.3		Refusal	100
Elev. Ex. Ground: 10.0'					Elev. Ex. Ground: 17.0'				
Depth Gr. Water: 8.0'					Depth Gr. Water: 8.5'				
1245 G9	0.0	12.4	Misc. Fill	7	1250 G9	0.0	27.0	Misc. Fill	14
	12.4	39.0	Organic Sandy Silt & Shells	2		27.0	48.5	Organic Silt & fine Sand	3
	39.0	45.0	Blue Clay & little fine Sand	19		48.5	60.0	Medium blue Clay	6
	45.0	89.0	Blue Clay	4		60.0	108.0	Blue Clay	4
	89.0	93.0	Fine Sand & little Clay	12		108.0	117.0	Sand, Gravel & Clay	26
	93.0	100.0	Fine Sand, Gravel, Boulders & little Clay	42		117.0	120.0	Cemented Sand, Gravel & Clay	54
Elev. Ex. Ground: 12.4'					Elev. Ex. Ground: 19.3'				
Depth Gr. Water: 11.5'					Depth Gr. Water: Not given				
1246 G9	0.0	37.0	Misc. Fill	11	1251 G9	0.0	10.0	Misc. Fill	9
	37.0	46.0	Organic Silt & fine Sand	2		10.0	24.5	Peaty Silt	3
	46.0	56.0	Blue Clay	16		24.5	38.5	Organic Silt	2
	56.0	102.0	Blue Clay	2		38.5	45.0	Yellow Clay	10
	102.0	110.0	Sand, Gravel & Clay	37		45.0	70.0	Blue Clay	3
	110.0	111.0	Sandy Shale	90		70.0	78.0	Coarse Sand, Gravel	17
Elev. Ex. Ground: 16.4'					Elev. Ex. Ground: 11.3'				
Depth Gr. Water: 8.5'					Depth Gr. Water: 11.0'				
1247 G9	0.0	19.5	Granular Fill	7	1252 G9	0.0	22.5	Misc. Fill	10
	19.5	27.0	Organic Silt & trace Peat	3		22.5	37.5	Organic Silt & little fine Sand	3
	27.0	30.0	Medium blue Clay	7		37.5	46.0	Medium blue Clay	9
	30.0	41.0	Yellow Clay	12		46.0	70.0	Blue Clay	3
	41.0	103.0	Blue Clay	3		70.0	73.0	Coarse Gravel & Boulders	48
	103.0	112.0	Coarse Sand, Clay, Gravel & Boulders	40		73.0		Refusal	100
Elev. Ex. Ground: 9.8'					Elev. Ex. Ground: 13.6'				
Depth Gr. Water: -10.0'					Depth Gr. Water: 11.0'				
1249 G9	0.0	6.5	Misc. Fill	2	1253 F9	0.0	6.5	Misc. Fill	2
	6.5	24.5	Organic Silt & trace fine Sand	12		6.5	24.5	Organic Silt & trace fine Sand	2
	24.5	31.5	Yellow Clay	3		24.5	31.5	Yellow Clay	12
	31.5	51.5	Blue Clay	3		31.5	51.5	Blue Clay	3
	51.5	57.5	Coarse Sand, Gravel & Clay	55		51.5	57.5	Coarse Sand, Gravel & Clay	55
	57.5	60.5	Coarse Sand, Gravel, Clay & Boulders	100		57.5	60.5	Coarse Sand, Gravel, Clay & Boulders	100
Elev. Ex. Ground: -0.8'					Elev. Ex. Ground: -0.8'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1254 G9	0.0	— 29.0	Misc. Fill	9	1259 F9	0.0	— 24.5	Misc. Fill	10	
	29.0	— 34.0	Organic Silt & fine Sand	3		24.5	— 45.5	Organic Silt, Shells & little fine Sand	4	
	34.0	— 42.5	Yellow Clay	19		45.5	— 77.0	Blue Clay	3	
	42.5	— 55.0	Medium blue Clay	8		77.0	— 86.0	Blue Clay, medium Sand & Gravel	12	
	55.0	— 77.5	Blue Clay	4		86.0	— 90.0	Clay, medium Sand, Gravel & Boulders	35	
	77.5	— 81.0	Sand, coarse Gravel & Clay	23		90.0		Refusal	100	
	81.0	— 82.5	Sand, Gravel & Clay	67						
	82.5		Refusal	100						
	Elev. Ex. Ground: 11.7'						Elev. Ex. Ground: 11.0'			
	Depth Gr. Water: 9.7'						Depth Gr. Water: 5.5'			
1255 F9	0.0	— 27.5	Misc. Fill	10	1260 F9	0.0	— 16.0	Misc. Fill	7	
	27.5	— 36.0	Organic Silt & fine Sand	3		16.0	— 34.0	Organic Sand, little fine Sand	2	
	36.0	— 45.5	Yellow Clay	16		34.0	— 45.0	Yellow Clay	12	
	45.5	— 71.5	Blue Clay	4		45.0	— 60.0	Blue Clay	3	
	71.5	— 80.0	Sand, Gravel & Clay	59		60.0	— 68.0	Clay, medium Sand & Gravel	12	
	Elev. Ex. Ground: 8.0'						68.0	— 73.0	Medium Sand, Clay & Gravel	25
Depth Gr. Water: Tide					73.0	— 75.0	Sand, Gravel & Clay	57		
1256 F9	0.0	— 17.0	Misc. Fill	5	Elev. Ex. Ground: 10.0'					
	17.0	— 34.5	Organic sandy Silt	3	Depth Gr. Water: 4.0'					
	34.5	— 46.5	Yellow Clay	12	1261 F9	0.0	— 19.0	Misc. Fill	10	
	46.5	— 68.5	Blue Clay	3		19.0	— 31.0	Organic Silt & fine Sand	3	
	68.5	— 75.0	Coarse Sand, Gravel, Clay & Boulders	42		31.0	— 43.0	Yellow Clay	16	
75.0		Refusal	50	43.0		— 75.5	Blue Clay	2		
Elev. Ex. Ground: 10.6'						75.5	— 83.0	Sand, Gravel & Clay	37	
Depth Gr. Water: 9.0'					83.0	— 85.5	Cemented Sand, Gravel & Clay	68		
1257 F9	0.0	— 25.5	Misc. Fill	10	Elev. Ex. Ground: 8.3'					
	25.5	— 42.0	Organic Silt & fine Sand	3	Depth Gr. Water: Not given					
	42.0	— 52.5	Medium blue Clay	9	1262 E9	0.0	— 6.0	Silt	2	
	52.5	— 60.0	Cemented Sand, Gravel & Clay	74		6.0	— 24.0	Yellow Clay	14	
	60.0		Refusal			24.0	— 71.5	Blue Clay	3	
Elev. Ex. Ground: 10.8'						71.5	— 77.0	Coarse Sand, Gravel & Clay	16	
Depth Gr. Water: 9.5'						77.0	— 79.0	Coarse Sand, Gravel & Clay	59	
1258 F9	0.0	— 17.0	Misc. Fill	6	79.0		Refusal			
	17.0	— 41.0	Organic Silt & little fine Sand	1	Elev. Ex. Ground: -10.5'					
	41.0	— 43.0	Blue Clay, some fine Sand & Gravel	14	Depth Gr. Water: Tide					
	43.0	— 79.0	Blue Clay	2	1263 N3	0.0	— 16.0	River Bed Silt		
	79.0	— 90.5	Coarse Sand, Gravel, Boulders & little Clay	24		16.0	— 22.5	Fine silty Sand, Gravel & Shells	6	
90.5		Refusal		22.5		— 28.5	Coarse Sand & Gravel	18		
Elev. Ex. Ground: 10.9'						28.5	— 31.5	Fine Sand, Gravel, little Clay	31	
Depth Gr. Water: Not given						31.5	— 38.0	Fine Sand, Gravel, Boulders, little Clay		
					38.0	— 53.0	Rock	Cored		
					Elev. Ex. Ground: -11.0'					
					Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1264 N3	0.0	6.5	River Bed Silt	40	1269 K6	0.0	12.0	Void	103	
	6.5	25.5	Sand, Gravel, Clay & Boulders			12.0	14.0	Fill		
	25.5	30.5	Coarse Sand, coarse Gravel, Boulders, Hard pan	14.0		45.75	Sand, Gravel, Boulders, little Clay, trace Silt			
	30.5	40.5	Fine Sand, little Clay	Elev. Ex. Ground:	Not given					
	40.5	41.05	Boulders	Depth Gr. Water:	36.0'					
	41.05	51.05	Rock							
Elev. Ex. Ground: -22.0'					1270 K6	0.0	0.5	Concrete		44
Depth Gr. Water: Not given						0.5	11.0	Void		
1265 N3	0.0	5.0	River Bed Silt	40		11.0	18.5	Medium Sand & medium-coarse Gravel		
	5.0	25.5	Sand, Gravel, Clay & Boulders		18.5	Refusal				
	25.5	32.5	Fine Sand & Clay	100						
	32.5	44.0	Sand, Gravel, Clay, Boulders, Hard pan	Cored	Elev. Ex. Ground:	Not given				
	44.0	45.5	Boulders		Depth Gr. Water:	Not given				
	45.5	48.0	Sand, Gravel, Clay, Boulders, Hard pan	Cored						
48.0	50.0	Shale	Cored	1271 K6	0.0	0.5	Concrete	20		
50.0	60.0	Rock			0.5	11.0	Void			
Elev. Ex. Ground: -24.5'						11.0	15.0		Sand, Gravel, Clay, little Silt	
Depth Gr. Water: Not given						15.0	25.0		Sand, Gravel, Clay, Boulders, trace Silt	
1266 N3	0.0	3.0	Silty Sand, Gravel & Shells	30		25.0	Refusal	75		
	3.0	16.0	Coarse Sand, Gravel, Boulders & Clay		Elev. Ex. Ground:	Not given				
	16.0	25.5	Sand, Gravel & blue Clay	24	Depth Gr. Water:	Not given				
	25.5	30.5	Medium Sand, little fine Gravel & Clay	30						
	30.5	35.0	Sand, Gravel, Clay & Boulders	50						
	Elev. Ex. Ground: -13.2'					1272 L6	0.0	0.4	Pavement	8
Depth Gr. Water: Not given						0.4	13.5	Misc. Fill		
1267 K7	0.0	2.5	Paving	9		13.5	26.0	Fine Sand, silty fine Sand, trace Clay layers		
	2.5	9.0	Misc. Fill		26.0	35.5	Yellow silty Clay, trace fine Sand layers, Boulders & Cobbles			
	9.0	19.5	Yellow Clay	12			35.5	46.0	Silty fine Sand, sandy silty Clay, Sand layers	
	19.5	29.0	Blue Clay, little fine Sand	29			46.0	66.3	Sand layers, trace Silt, trace Sand, fine Gravel, fine Clay layers	
	29.0	35.0	Sand layers	66			66.3	69.4	Sand, Gravel, Silt, Cobbles, Argillite	
	35.0	56.0	Gravel & fine Sand, little Silt, little coarse Gravel				69.4	89.5	Sandy silty Clay, little fine Gravel, Till, sandy Gravel, sandy Silt, trace fine Gravel & Clay	
Elev. Ex. Ground: Not given						89.5	123.0	Rock		
Depth Gr. Water: 17.0'						Elev. Ex. Ground: 39.94'		83 Cored		
						Depth Gr. Water: 42.1'				
1268 K7	0.0	0.25	Pavement	9						
	0.25	10.0	Misc. Fill		10					
	10.0	32.0	Clay, layers fine Sand & Silt	30						
	32.0	48.0	Fine Sand, layers yellow Clay & Silt, trace Gravel	90						
	48.0	60.0	Fine Sand, some Silt & Clay, trace Gravel							
	60.0	70.0	Shale	Cored						
Elev. Ex. Ground: Not given										
Depth Gr. Water: 15'										

BOSTON PENINSULA

No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1273 L6	0.0	0.4	Pavement	25	1277 J6	0.0	9.5	Fill	16
	0.4	18.0	Misc. Fill		9.5	12.5	Yellow Clay & Sand		
	18.0	25.0	Fine sandy Clay & silty Sand, Clay & fine silty Sand layers	6	12.5	16.5	Blue Clay	12	
	25.0	46.8	Sand, Cobbles, trace Silt, Gravelly Sand, Gravel, Sand layers, trace fine Gravel	20	16.5	20.5	Sand & little Clay	1	
	46.8	82.0	Sandy silty Clay, Till, Gravel, Cobbles, clayey sandy Silt, Argillite	80	20.5	26.0	Medium blue Clay & little Sand	9	
	82.0	117.4	Rock	Cored	Elev. Ex. Ground: 30.5'		Depth Gr. Water: 8.5'		
	Elev. Ex. Ground: 39.29'		Depth Gr. Water: 45.7'		1278 J7	0.0	5.0	Fill	11
					5.0	14.0	Coarse Sand & Gravel		
					14.0	23.0	Yellow Clay & some fine Sand	19	
					23.0	37.5	Medium blue Clay & some fine Sand	8	
				37.5	45.0	Blue Clay	6		
				45.0	56.0	Blue Clay & fine Sand	5		
Elev. Ex. Ground: 30.0'		Depth Gr. Water: 9.5'		Elev. Ex. Ground: 30.0'		Depth Gr. Water: 9.5'			
1274 L6	0.0	0.17	Pavement	17	1279 J7	0.0	9.0	Fill	18
	0.17	18.5	Misc. Fill		9.0	12.0	Coarse Sand & Gravel		
	18.5	25.0	Layers Sand, little Gravel, Sand, little Silt, Cobbles	17	12.0	22.5	Medium blue Clay & Sand	12	
	25.0	45.0	Stratified Sand, little Gravel, trace Silt, Cobbles	62	22.5	34.0	Blue Clay	4	
	45.0	52.0	Sand, little Gravel, Sand veins, Schist stratified, little Silt	14	34.0	39.0	Coarse Sand	17	
	52.0	83.0	Sand, fine Gravel, Clay, Till, sandy Silt, silty Sand, Cobbles	73	39.0	53.0	Blue Clay & some Sand	5	
	83.0	128.0	Argillite Rock	Cored	53.0	58.5	Medium blue Clay & Gravel	7	
	Elev. Ex. Ground: 37.64'		Depth Gr. Water: 36.0'		58.5	64.0	Blue Clay, Sand & Gravel	17	
					64.0	70.0	Sand, Gravel & blue Clay	87	
	Elev. Ex. Ground: 28.7'		Depth Gr. Water: 13.0'		Elev. Ex. Ground: 28.7'		Depth Gr. Water: 13.0'		
1275 L6	0.0	8.0	Fill	12	1280 J7	0.0	10.5	Basement & Concrete	14
	8.0	23.0	Silty Clay, Sand veins, trace fine Gravel		10.5	13.0	Coarse Sand & Gravel		
	23.0	41.5	Sand, Gravel, Silt, Cobbles	9	13.0	18.5	Fine Sand, Gravel & Clay	10	
	41.5	66.5	Sand, some Gravel, trace Silt, trace Clay, Cobbles	50	18.5	24.0	Blue Clay & Sand	10	
	66.5	85.0	Sand, Gravel, trace Silt, trace Clay, Cobbles, Rock fragments	16	24.0	33.0	Medium blue Clay & little Sand	5	
	85.0	130.0	Argillite Rock	86	33.0	52.5	Fine Sand	15	
	Elev. Ex. Ground: 37.70'		Depth Gr. Water: Not given		52.5	62.5	Medium blue Clay, little fine Sand & Gravel	8	
	Elev. Ex. Ground: 30.0'		Depth Gr. Water: 13.9'		Elev. Ex. Ground: 30.0'		Depth Gr. Water: 13.9'		
1276 K7	0.0	0.5	Concrete	17	1276 K7	0.0	0.5	Concrete	17
	0.5	1.5	Misc. Fill		0.5	1.5	Misc. Fill		
	1.5	6.0	Blue Clay, trace fine Sand	14	1.5	6.0	Blue Clay, trace fine Sand	14	
	6.0	30.0	Medium blue Clay, little fine Sand	9	6.0	30.0	Medium blue Clay, little fine Sand	9	
	30.0	32.0	Blue Clay	8	30.0	32.0	Blue Clay	8	
Elev. Ex. Ground: 20.3'		Depth Gr. Water: 8.5'		Elev. Ex. Ground: 20.3'		Depth Gr. Water: 8.5'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1300 J7	0.0	— 2.5	Coarse Sand & Gravel		1304 K6	0.0	— 0.25	Concrete		
	2.5	— 16.5	Medium Sand	10		0.25	— 7.0	Blue Clay, little fine Sand	3	
	16.5	— 27.0	Medium yellow Clay, fine Sand	8		7.0	— 9.0	Sand, Gravel, Boulders	53	
	27.0	— 31.5	Fine Sand & Clay	4		9.0	— 16.5	Sand, little fine Gravel	43	
	31.5	— 54.0	Blue Clay	4		16.5	— 18.2	Sand, Gravel, little Clay, Hardpan	85	
	54.0	— 60.0	Sand, Gravel & Clay	25		Elev. Ex. Ground:		13.2'		
	60.0	— 61.0	Boulders			Depth Gr. Water:		Not given		
	61.0	— 65.5	Sand, Gravel, Boulders, Hardpan	250		1305 K6	0.0	— 0.33	Concrete	
	65.5	— 70.5	Sand, Gravel, Clay & Hardpan				0.33	— 9.0	Medium Clay, little Sand, fine Gravel	9
	70.5	— 71.5	Boulders				9.0	— 14.0	Sand & Gravel	32
	71.5	— 78.0	Sand, Gravel, Clay, Boulders, Hardpan				14.0	— 20.0	Sand	29
	78.0	— 123.0	Shale	Cored			20.0	— 26.5	Coarse Sand, fine Gravel	20
123.0	— 134.0	Shale	Cored	26.5	— 44.0		Coarse Sand & little fine Gravel	60		
Elev. Ex. Ground:		20.9'		Elev. Ex. Ground:		25.81'				
Depth Gr. Water:		Not given		Depth Gr. Water:		Not given				
1301 J7	0.0	— 0.5	Concrete		1306 K6	0.0	— 9.0	Hard fine Sand & little Gravel		
	0.5	— 6.5	Sand			9.0	— 22.5	Hard fine Sand		
	6.5	— 14.0	Sand, little Clay	18		22.5	— 27.0	Hardpan		
	14.0	— 20.0	Fine Sand, little Clay	17		Elev. Ex. Ground:		36.6'		
	20.0	— 31.5	Blue Clay, little fine Sand	3		Depth Gr. Water:		Not given		
	31.5	— 33.0	Fine Sand	18		1307 J7	0.0	— 11.5	Fill	
33.0	— 40.0	Sand, Gravel & Boulders	35	11.5	— 19.0		Medium yellow Clay, fine Sand			
Elev. Ex. Ground:		22.8'		19.0	— 27.7		Fine Sand			
Depth Gr. Water:		Not given		27.7	— 33.0		Medium blue Clay & fine Sand			
1302 K7	0.0	— 0.25	Concrete		33.0		— 46.9	Fine Sand		
	0.25	— 5.0	Sand & Clay		46.9		— 56.3	Medium blue Clay, very little fine Sand		
	5.0	— 13.0	Medium Clay, little Sand	8	56.3	— 59.5	Clay & Gravel			
	13.0	— 19.0	Medium Clay, little Sand	7	Elev. Ex. Ground:		31.1'			
	19.0	— 30.0	Medium Sand, little Clay	6	Depth Gr. Water:		Not given			
	30.0	— 45.0	Blue Clay	3	1308 J7	0.0	— 13.5	Fill		
45.0	— 51.5	Clay, Sand & Gravel	18	13.5		— 14.4	Silty Peat			
51.5	— 56.0	Sand, Gravel & Clay	35	14.4		— 17.0	Sand & little Clay			
Elev. Ex. Ground:		29.9'		17.0		— 19.0	Blue Clay & Sand			
Depth Gr. Water:		Not given		19.0		— 24.3	Coarse Sand, very little Clay			
1303 K7	0.0	— 0.7	Concrete			24.3	— 34.7	Medium yellow Clay, very fine Sand		
	0.7	— 3.5	Sand & Gravel		34.7	— 50.5	Fine Sand & little Clay			
	3.5	— 15.0	Sand, little Clay	20	50.5	— 58.7	Medium blue Clay			
	15.0	— 20.5	Medium yellow Clay, little fine Sand	10	58.7	— 65.0	Sand, Gravel, Clay			
	20.5	— 29.5	Sand, little Clay	14	Elev. Ex. Ground:		30.79'			
	29.5	— 51.0	Blue Clay & fine Sand	4	Depth Gr. Water:		Not given			
	51.0	— 54.5	Sand, Gravel, Clay & Boulders	42	1300 J7	0.0	— 2.5	Coarse Sand & Gravel		
	54.5	— 60.0	Sand & Gravel, little Clay, Boulders, Hardpan	93		2.5	— 16.5	Medium Sand	10	
Elev. Ex. Ground:		22.8'		16.5		— 27.0	Medium yellow Clay, fine Sand	8		
Depth Gr. Water:		Not given		27.0		— 31.5	Fine Sand & Clay	4		
1301 J7	0.0	— 0.5	Concrete			31.5	— 54.0	Blue Clay	4	
	0.5	— 6.5	Sand			54.0	— 60.0	Sand, Gravel & Clay	25	
	6.5	— 14.0	Sand, little Clay	18	60.0	— 61.0	Boulders			
	14.0	— 20.0	Fine Sand, little Clay	17	61.0	— 65.5	Sand, Gravel, Boulders, Hardpan	250		
	20.0	— 31.5	Blue Clay, little fine Sand	3	65.5	— 70.5	Sand, Gravel, Clay & Hardpan			
	31.5	— 33.0	Fine Sand	18	70.5	— 71.5	Boulders			
33.0	— 40.0	Sand, Gravel & Boulders	35	71.5	— 78.0	Sand, Gravel, Clay, Boulders, Hardpan				
Elev. Ex. Ground:		22.8'		78.0	— 123.0	Shale	Cored			
Depth Gr. Water:		Not given		123.0	— 134.0	Shale	Cored			

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1309 J7	0.0	— 0.7	Concrete		1314 H7	0.0	— 6.0	Fill	6
	0.7	— 7.5	Coarse Sand			6.0	— 13.5	Yellow Clay	28
	7.5	— 12.5	Clay & fine Sand			13.5	— 22.5	Medium yellow Clay, fine Sand	13
	12.5	— 18.3	Fine Sand, little Clay			22.5	— 27.5	Medium blue Clay, fine Sand	10
	18.3	— 23.5	Medium blue Clay, little fine Sand			27.5	— 57.0	Blue Clay & layers fine Sand	5
	23.5	— 26.7	Fine Sand, little Clay					Elev. Ex. Ground: 21.51'	
	26.7	— 47.0	Blue Clay & fine Sand					Depth Gr. Water: Not given	
47.0	— 51.0	Hard Sand, Gravel, Clay		1315 H7	0.0	— 8.0	Medium coarse Sand, Gravel & Boulders		
		Elev. Ex. Ground: 20.7'			8.0	— 22.5	Hard yellow Clay, little Sand & Gravel		
		Depth Gr. Water: Not given			22.5	— 33.0	Medium yellow Clay Sand, blue Clay		
					33.0	— 71.0			
1310 17	0.0	— 7.5	Fill	7			Elev. Ex. Ground: 21.86'		
	7.5	— 14.0	Yellow Clay, little Sand, Gravel	13			Depth Gr. Water: Not given		
	14.0	— 17.0	Medium yellow Clay, little Sand	8	1316 G8	0.0	— 12.0	Fill	4
	17.0	— 28.0	Fine Sand & Clay	5		12.0	— 25.0	Yellow Clay, little Sand & Gravel	14
	28.0	— 39.0	Blue Clay & fine Sand	7		25.0	— 29.0	Medium blue Clay, little Sand & Gravel	13
	39.0	— 42.0	Fine Sand & Clay	12		29.0	— 72.0	Blue Clay, little Sand & Gravel	3
		Elev. Ex. Ground: 16.06'				Elev. Ex. Ground: 21.0'			
		Depth Gr. Water: Not given				Depth Gr. Water: Not given			
1311 17	0.0	— 5.5	Fill	6	1317 G8	0.0	— 8.0	Medium Sand & Gravel	
	5.5	— 13.5	Yellow Clay	18		8.0	— 13.0	Yellow Clay	23
	13.5	— 19.0	Medium yellow Clay & fine Sand	14		13.0	— 28.0	Medium yellow Clay	11
	19.0	— 46.0	Blue Clay & fine Sand	6		28.0	— 46.0	Blue Clay	4
		Elev. Ex. Ground: 21.21'				Elev. Ex. Ground: 15.36'			
		Depth Gr. Water: Not given				Depth Gr. Water: Not given			
1312 H7	0.0	— 20.5	Fill	3	1318 F8	0.0	— 13.0	Fill	5
	20.5	— 23.5	Medium yellow Clay, fine Sand	12		13.0	— 23.0	Yellow Clay, little Sand & Stones	18
	23.5	— 53.0	Blue Clay & fine Sand	6		23.0	— 28.0	Medium yellow Clay & Stones	10
	53.0	— 55.0	Fine Sand & little Clay			28.0	— 51.0	Blue Clay, little Sand & Stones	19
		Elev. Ex. Ground: 27.34'				Elev. Ex. Ground: 13.74'			
		Depth Gr. Water: Not given				Depth Gr. Water: Not given			
1313 L5	0.0	— 8.0	Fill	8	1319 F8	0.0	— 9.0	Fill	
	8.0	— 13.0	Clay, fine Sand & Gravel, trace Clay	27		9.0	— 13.0	Yellow Clay & fine Sand	13
	13.0	— 18.0	Clay, little fine Sand	5		13.0	— 23.0	Medium yellow Clay	16
	18.0	— 82.0	Blue Clay, little Gravel, fine Sand			23.0	— 46.0	Blue Clay	5
	82.0	— 107.0	Sand & fine Gravel in Clay Matrix, Boulders, Hardpan					Elev. Ex. Ground: 11.31'	
	107.0	— 113.0	Rock, Shale	Cored				Depth Gr. Water: Not given	
		Elev. Ex. Ground: 46.8'		1320 F7	0.0	— 9.0	Fill	5	
		Depth Gr. Water: 26.0'			9.0	— 13.0	Silty Sand	4	
					13.0	— 22.0	Yellow Clay & Stones	16	
					22.0	— 46.0	Blue Clay & fine Sand	6	
					46.0	— 47	Fine Sand	15	
						Elev. Ex. Ground: 13.54'			
						Depth Gr. Water: Not given			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1321 E7	0.0	11.0	Fill		1327 C7	0.0	4.0	Fill		
	11.0	12.5	Silt, Sand & Shells			4.0	13.0	Medium blue Clay & little Sand	9	
	12.5	17.5	Hard yellow Clay			13.0	51.0	Blue Clay	5	
	17.5	26.0	Medium blue Clay		Elev. Ex. Ground:		15.35'			
	26.0	33.0	Soft blue Clay		Depth Gr. Water:		Not given			
	33.0	43.0	Hard medium Sand		1328 C7	0.0	8.0	Fill	3	
	43.0	51.0	Sand, blue Clay, & little fine Sand			8.0	18.0	Yellow Clay & little Gravel	17	
Elev. Ex. Ground:		13.21'		18.0		23.0	Medium blue Clay & little Sand	3		
Depth Gr. Water:		Not given		23.0	55.0	Blue Clay & veins fine Sand	6			
1322 E7	0.0	14.0	Fill	2	Elev. Ex. Ground:		16.36'			
	14.0	19.0	Yellow Clay	13	Depth Gr. Water:		Not given			
	19.0	24.0	Medium blue Clay	8	1329 C7	0.0	5.5	Fill		
	24.0	50.0	Blue Clay & little fine Sand	6		5.5	32.0	Medium blue Clay	15	
Elev. Ex. Ground:		14.73'		32.0		71.0	Blue Clay & fine Sand	4		
Depth Gr. Water:		Not given		Elev. Ex. Ground:		16.88'				
Depth Gr. Water:		Not given		Depth Gr. Water:		Not given				
1323 E7	0.0	11.5	Fill	3	1330 L5	0.0	7.0	Fill	3	
	11.5	17.0	Yellow Clay	24		7.0	24.0	Sand, trace Silt	5	
	17.0	22.5	Medium yellow Clay & little fine Sand	10		24.0	33.0	Blue Clay, trace fine Sand	5	
	22.5	37.5	Medium blue Clay & little fine Sand	9		33.0	52.0	Blue Clay, some Sand, trace Clay	6	
	37.5	51.0	Blue Clay	5		52.0	59.0	Fine Sand, little Silt	8	
Elev. Ex. Ground:		13.97'		59.0	80.0	Blue Clay, some Sand, trace Gravel	5			
Depth Gr. Water:		Not given		80.0	94.0	Sand & fine Gravel in Clay Matrix, Hardpan	45	Cored		
1324 E7	0.0	4.0	Fill		Elev. Ex. Ground:		43.6'			
	4.0	12.5	Yellow Clay & Stones	18	Depth Gr. Water:		36.0'			
	12.5	19.0	Medium yellow Clay & little Sand	9	1331 L5	0.0	8.0	Fill	10	
	19.0	38.0	Medium blue Clay & little Sand	8		8.0	14.0	Yellow Clay, trace Gravel	9	
	38.0	49.0	Blue Clay & little Sand	5		14.0	18.0	Fine Sand, some Clay, trace fine Gravel	6	
	49.0	51.0	Fine Sand, Gravel, Stones	50		18.0	22.0	Medium blue Clay, trace fine Sand, trace Gravel	4	
Elev. Ex. Ground:		14.74'		22.0		39.0	Medium blue Clay, layers Sand	10		
Depth Gr. Water:		Not given		39.0		68.0	Sand, some Gravel, trace Silt, Hardpan	50		
1325 D7	0.0	6.0	Fill		68.0	104.0	Gravel, Sand, Boulders in Clay Matrix, Hardpan	60		
	6.0	14.5	Yellow Clay	25	104.0	115.0	Shale	Cored		
	14.5	20.0	Medium yellow Clay & little fine Sand	9	Elev. Ex. Ground:		50.3'			
	20.0	37.0	Medium blue Clay	7	Depth Gr. Water:		16.1'			
37.0	51.0	Blue Clay	5	Depth Gr. Water:		Not given				
Elev. Ex. Ground:		14.43'		Depth Gr. Water:		Not given				
Depth Gr. Water:		Not given		1326 D7	0.0	7.0	Fill	6		
1326 D7	7.0	14.0	Yellow Clay, little Sand & fine Gravel		28	7.0	14.0	Yellow Clay, little Sand & fine Gravel	12	
	14.0	20.0	Medium yellow Clay		12	14.0	20.0	Medium yellow Clay	10	
	20.0	25.0	Medium blue Clay & little fine Sand		10	20.0	25.0	Medium blue Clay & little fine Sand	5	
	25.0	46.0	Blue Clay & little fine Sand		5	Elev. Ex. Ground:		16.13'		
	Depth Gr. Water:		Not given		Depth Gr. Water:		Not given			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1339 L5	0.0	— 8.0	Fill	10	1343 L5	0.0	— 10.0	Fill	10
	8.0	— 29.0	Clay, trace fine Gravel, varved Sand	8		10.0	— 22.0	Sand, some Gravel, trace Silt	20
	29.0	— 88.0	Sand & Gravel, trace Silt, Hardpan	42		22.0	— 35.0	Gravel, Boulder fragments, some Sand, trace Clay, Hardpan	80
	88.0	— 98.0	Fine Sand, layers Clay	69		35.0	— 51.5	Sand, some Gravel, little Clay, Hardpan	75
	98.0	— 106.0	Fine Sand, Gravel, trace Clay, Hardpan	150				Elev. Ex. Ground: 58.3'	
	106.0	— 131.0	Shale seams	Cored			Depth Gr. Water: 21.0'		
	Elev. Ex. Ground: 43.9'				1344 K5	0.0	— 8.0	Fill	13
	Depth Gr. Water: 41.3'					8.0	— 27.0	Sand & Gravel, Boulder fragments, trace Silt	40
1340 L5	0.0	— 10.0	Fill	14		27.0	— 56.5	Gravel, some Sand, little Clay, Hardpan	78
	10.0	— 14.0	Yellow Clay, trace Gravel	13				Elev. Ex. Ground: 65.8'	
	14.0	— 24.0	Medium blue Clay, some layers fine Sand, some Gravel	9				Depth Gr. Water: Not given	
	24.0	— 63.0	Sand, some Gravel, trace Clay, some Boulder fragments, Hardpan	12	1345 K5	0.0	— 8.0	Fill	10
	63.0	— 79.5	Gravel & Sand, trace Clay, Hardpan	30		8.0	— 37.0	Sand, some fine Gravel, little Silt, Hardpan	48
79.5	— 88.0	Clay, trace fine Gravel	21	37.0		— 48.0	Yellow Clay, Hardpan	52	
88.0	— 110.5	Sand & Gravel in blue Clay Matrix, Boulders, Hardpan	80	48.0		— 52.5	Sand, some fine Gravel, little Clay, Hardpan	63	
110.5	— 120.0	Shale	Cored	52.5		— 62.0	Sand & Gravel, little Silt, Hardpan	63	
	Elev. Ex. Ground: 45.1'						Elev. Ex. Ground: 71.0'		
	Depth Gr. Water: 11.8'						Depth Gr. Water: 23.5'		
1341 L5	0.0	— 15.0	Fill	24	1346 K5	0.0	— 19.0	Fill	14
	15.0	— 28.0	Yellow-blue Clay, little Gravel	16		19.0	— 48.0	Sand, some Gravel, trace Silt, Boulders	36
	28.0	— 46.5	Sand & Gravel, trace Clay, some Boulder fragments, Hardpan	25		48.0	— 52.5	Yellow Clay, some Gravel, little fine Sand	36
	Elev. Ex. Ground: 48.3'						52.5	— 64.5	Fine Sand, some fine Gravel, Clay, Boulder fragments, Hardpan
	Depth Gr. Water: 17.0'						64.5	— 77.0	Blue Clay, trace Sand
1342 L5	0.0	— 11.5	Fill	12	77.0	— 81.5	Trace Sand, some Clay & fine Gravel	16	
	11.5	— 23.5	Fine Sand, little fine Gravel, trace Clay	10			Elev. Ex. Ground: 90.0'		
	23.5	— 68.0	Sand, some Gravel, little yellow Clay, Cobbles & Boulders, Hardpan	50			Depth Gr. Water: 31.7'		
	68.0	— 112.0	Blue Clay & Sand, some Gravel, Boulders, Hardpan	30					
	112.0	— 127.0	Shale	Cored					
	Elev. Ex. Ground: 51.5'								
	Depth Gr. Water: 18.5'								

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1347 L5	0.0	— 10.0	Fill	12	1353 O6	0.0	— 9.0	Silt		
	10.0	— 25.0	Sand & Silt, Boulders	13		9.0	— 15.0	Soft-medium Clay		
	25.0	— 40.0	Sand & Gravel, trace Silt, trace Clay, Boulders, Hardpan	43	Elev. Ex. Ground: 80.0'					
	40.0	— 52.0	Sand, little Gravel, trace Silt, Hardpan	33	Depth Gr. Water: Not given					
Elev. Ex. Ground: 59.1'					1354 P6	0.0	— 5.0	Silt		
Depth Gr. Water: 24.0'						5.0	— 12.0	Soft blue Clay		
1348 L5	0.0	— 4.0	Fill	2	Elev. Ex. Ground: 78'					
	4.0	— 17.0	Sand & yellow Clay, trace fine Gravel	12	Depth Gr. Water: Not given					
	17.0	— 57.0	Sand & Gravel, trace Silt	25	1355 P6	0.0	— 3.0	Silt		
	57.0	— 71.5	Sand & Gravel, trace Silt & Hardpan	40		3.0	— 37.0	Medium blue Clay		
Elev. Ex. Ground: 45.3'					37.0	— 41.0	Hard Clay, some Sand & Gravel			
Depth Gr. Water: 9.0'					41.0	— 60.0	Sand, Gravel, Clay & Boulders			
1349 N6	0.0	— 7.0	Misc. Fill		Elev. Ex. Ground: 60.0'					
	7.0	— 18.0	Hard Sand, Gravel, Clay & Boulders		Depth Gr. Water: Not given					
	18.0	— 40.0	Hard yellow Clay		1356 P6	0.0	— 2.5	Silt		
	40.0	— 50.0	Hard Sand, Gravel, Clay & Boulders			2.5	— 50.5	Medium blue Clay, layers medium Sand		
50.0	— 58.0	Very hard Sand, Gravel & Clay		50.5	— 51.5	Rock				
Elev. Ex. Ground: 120'					Elev. Ex. Ground: 51'					
Depth Gr. Water: Not given					Depth Gr. Water: Not given					
1350 O6	0.0	— 10.0	Silt		1357 M5	0.0	— 1.0	Asphalt & Concrete		
	10.0	— 20.0	Medium blue Clay			1.0	— 5.0	Fill	6	
	20.0	— 51.0	Hard blue Clay, Gravel, Boulders, trace Sand			5.0	— 7.0	Gravel & Sand	4	
	Elev. Ex. Ground: 86'						7.0	— 14.0	Sand, some fine Gravel, trace Brick	5
Depth Gr. Water: Not given					14.0	— 29.5	Organic Silt	3		
1351 O6	0.0	— 8.0	Misc. Fill		29.5	— 55.0	Clay, trace Silt	6		
	8.0	— 16.0	Very loose Sand & Silt		55.0	— 56.0	Gravel & Sand, some Silt, trace Clay	35		
	16.0	— 37.0	Hard yellow Clay		Elev. Ex. Ground: 118.4'					
	37.0	— 48.0	Soft blue Clay		Depth Gr. Water: Not given					
48.0	— 85.0	Very compact Sand, Gravel, Clay & Boulders		1358 M5	0.0	— 3.0	Concrete			
Elev. Ex. Ground: 111.0'						3.0	— 8.5		Fill	
Depth Gr. Water: Not given						8.5	— 21.0		Organic Silt, trace fine Sand & Shells	
1352 O6	0.0	— 6.0	Silt			21.0	— 35.0		Clay, little fine Sand, trace Silt	3
	6.0	— 13.0	Soft blue Clay		35.0	— 56.0	Clay, trace fine Sand & Silt	20		
	Elev. Ex. Ground: 77.0'					56.0	— 61.5	Gravel, Sand, Boulders & Clay, little Silt	11	
	Depth Gr. Water: Not given					Elev. Ex. Ground: 117.2'				
Elev. Ex. Ground: 111.0'					Depth Gr. Water: Not given					
Depth Gr. Water: Not given					1359 M5	0.0	— 10.0	Fill		
1352 O6	0.0	— 6.0	Silt			10.0	— 21.5	Organic Silt & fine Sand, trace Shells		9
	6.0	— 13.0	Soft blue Clay			21.5	— 54.0	Clay		4
	Elev. Ex. Ground: 77.0'						54.0	— 57.1		Compact Sand & Boulders
	Depth Gr. Water: Not given					Elev. Ex. Ground: 116.7'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1360 M4	0.0	— 10.0	Misc. Fill	3	1364 M4	0.0	— 0.5	Cobbles	
	10.0	— 26.0	Organic Silt, little fine Sand, trace Shells	1		0.5 — 7.5	Fill		
	26.0	— 62.0	Clay, little Silt, trace fine Gravel & Shells	24		7.5 — 8.0	Wood		
	62.0	— 70.0	Gravel, Sand, Silt & Clay	32		8.0 — 14.5	Organic Silt & Shells		
						14.5 — 45.0	Fine Sand	10	
		Elev. Ex. Ground: 115.7'		45.0 — 52.5	Coarse Sand, Gravel & Clay	100			
		Depth Gr. Water: Not given		52.5 — 54.0	Clay	12			
1361 M4	0.0	— 9.5	Fill	4	54.0 — 56.0	Boulders			
	9.5	— 35.5	Organic Silt, trace Shells & fine Sand	2	56.0 — 58.5	Clay			
	35.5	— 39.0	Fine Sand, trace Silt	3	58.5 — 67.0	Sand, Gravel & Clay	55		
	39.0	— 60.0	Clay, trace Silt & fine Sand	4	67.0 — 67.5	Shale	50		
	60.0	— 65.0	Clay, Silt, Gravel & Sand	50					
		Elev. Ex. Ground: 116.8'			Elev. Ex. Ground: 115 ±				
		Depth Gr. Water: Not given			Depth Gr. Water: Not given				
1362 M4	0.0	— 4.0	Fill		1365 M3	0.0	— 35.0	Misc. Fill	7
	4.0	— 15.0	Organic Silt & fine Sand, trace Shells	2		35.0 — 40.0	Organic Silt & fine Sand		
	15.0	— 20.0	Fine Sand, trace Organic Silt	3		40.0 — 55.0	Gravel, Sand & Boulders	20	
	20.0	— 39.0	Organic Silt, little fine Sand, trace Shells	2		55.0 — 63.0	Weathered Shale	18	
	39.0	— 59.0	Clay, trace Silt	8			Elev. Ex. Ground: 115.1'		
59.0	— 62.0	Gravel, Sand, Boulders, Clay, & Silt	50		Depth Gr. Water: 7.5'				
		Elev. Ex. Ground: 115 ±							
		Depth Gr. Water: Not given		1366 N3	0.0	— 0.5	Asphalt		
1363 M4	0.0	— 7.5	Fill			0.5 — 34.5	Misc. Fill	5	
	7.5	— 43.0	Organic Silt, some fine Sand, trace Shells		3	34.5 — 44.5	Clay, organic Silt, fine Sand & Gravel	2	
	43.0	— 55.0	Fine Sand & Boulders, trace fine Gravel		10	44.5 — 49.5	Gravel, Sand & Boulders	34	
	55.0	— 60.0	Clay, some fine Sand & Gravel		14	49.5 — 54.5	Sand, some fine Gravel	31	
	60.0	— 62.0	Fine Gravel, Sand & Boulders, little Silt & Clay	20	54.5 — 62.0	Gravel, Sand & Boulders	48		
		Elev. Ex. Ground: 115.3'		62.0 — 65.0	Weathered Shale	105			
		Depth Gr. Water: 11.0'			Elev. Ex. Ground: 115.5'				
					Depth Gr. Water: 7.5'				
1363 M4	0.0	— 7.5	Fill		1367 N3	0.0	— 39.0	Misc. Fill	4
	7.5	— 43.0	Organic Silt, some fine Sand, trace Shells	3		39.0 — 49.5	Organic & inorganic Silt	3	
	43.0	— 55.0	Fine Sand & Boulders, trace fine Gravel	10		49.5 — 54.0	Sand & fine Gravel	25	
	55.0	— 60.0	Clay, some fine Sand & Gravel	14		54.0 — 59.6	Clay, some Gravel & Sand	10	
	60.0	— 62.0	Fine Gravel, Sand & Boulders, little Silt & Clay	20		59.6 — 67.5	Gravel & some Silt, Clay & Boulders	40	
		Elev. Ex. Ground: 115.3'		67.5 — 68.0	Weathered Shale				
		Depth Gr. Water: 11.0'			Elev. Ex. Ground: 116.1'				
					Depth Gr. Water: 8.0'				
1363 M4	0.0	— 7.5	Fill		1368 N3	0.0	— 38.0	Misc. Fill	7
	7.5	— 43.0	Organic Silt, some fine Sand, trace Shells	3		38.0 — 41.0	Gravel, trace organic Matter	10	
	43.0	— 55.0	Fine Sand & Boulders, trace fine Gravel	10		41.0 — 46.0	Fine Sand, some organic Silt, trace Shells	2	
	55.0	— 60.0	Clay, some fine Sand & Gravel	14		46.0 — 55.0	Sand, Gravel, trace Boulders & Silt	23	
	60.0	— 62.0	Fine Gravel, Sand & Boulders, little Silt & Clay	20		55.0 — 60.0	Weathered Shale	90	
		Elev. Ex. Ground: 115.3'			Elev. Ex. Ground: 114.7'				
		Depth Gr. Water: 11.0'			Depth Gr. Water: 5.5'				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1369 N3	0.0	— 4.5	Organic Silt	15 160	1375 E4	0.0	— 9.0	Fill	10	
	4.5	— 20.5	Sand & Gravel, trace Shells			9.0 — 16.0	Organic Silt	4		
	20.5	— 26.5	Weathered Shale			16.0 — 20.8	Coarse Sand, some fine Gravel	26		
Elev. Ex. Ground: 81.5'				20.8 — 37.3			Medium Sand, trace fine Gravel	15		
Depth Gr. Water: Not given				37.3 — 42.8			Blue Clay	5		
1370 N3	0.0	— 6.0	Organic Silt	1 20 23 11 25 75	Elev. Ex. Ground: 11.0'					
	6.0	— 15.0	Fine Sand, Silt & Shells		Depth Gr. Water: 3.5'					
	15.0	— 21.0	Gravel & Sand, little Silt, Clay & Boulders		1376 E4	0.0	— 16.5	Fill	9	
	21.0	— 30.0	Silt & very fine Sand		16.5 — 21.5	Sand & Gravel	18			
	30.0	— 30.5	Clay & Silt		21.5 — 32.2	Sand	14			
	30.0	— 34.0	Silt		32.2 — 37.2	Clay	4			
Elev. Ex. Ground: 83.8'				Elev. Ex. Ground: 10.5'						
Depth Gr. Water: Not given				Depth Gr. Water: 3.5'						
1371 N2	0.0	— 4.0	Organic Silt	12 20 20 20 143	1377 E4	0.0	— 9.5	Misc. Fill	8	
	4.0	— 22.0	Clay, little Silt			9.5 — 15.5	Organic Silt	3		
	22.0	— 30.0	Silt, trace Clay			15.5 — 20.5	Coarse Sand, trace fine Gravel	24		
	30.0	— 32.0	Fine Gravel, Sand, Silt & Boulders			20.5 — 31.0	Sand	15		
	32.0	— 36.0	Weathered Shale			31.0 — 35.0	Fine Sand & Clay	10		
Elev. Ex. Ground: 83.0'				35.0 — 40.0			Blue Clay, trace fine Sand	5		
Depth Gr. Water: Not given				Elev. Ex. Ground: 10.2'						
				Depth Gr. Water: 4.0'						
1372 N2	0.0	— 22.0	Misc. Fill	7 2 2 14 13 21	1378 E4	0.0	— 11.0	Misc. Fill	12	
	22.0	— 26.5	Organic Silt & Shells			11.0 — 14.5	Organic Silt	4		
	26.5	— 34.0	Fine Sand, some organic Silt			14.5 — 25.0	Medium Sand, trace fine Gravel	19		
	34.0	— 39.0	Clay & Silt, trace fine Gravel			25.0 — 36.0	Blue Clay	5		
	39.0	— 59.5	Silt, Clay, fine Sand & Gravel			Elev. Ex. Ground: 10.0'				
59.5	— 65.0	Weathered Shale	Depth Gr. Water: 3.5'							
Elev. Ex. Ground: 114.4'				1379 E4			0.0 — 10.0	Misc. Fill	15	
Depth Gr. Water: 12.0'				10.0 — 16.0			Organic Silt	4		
1373 E4	0.0	— 0.5	Macadam	7 3 4 14 17 3	16.0 — 30.0			Medium Sand, some Gravel	26	
	0.5	— 19.0	Fill		30.0 — 35.0			Blue Clay	6	
	19.0	— 27.0	Organic Silt		Elev. Ex. Ground: 11.0'					
	27.0	— 30.0	Peat		Depth Gr. Water: 3.5'					
	30.0	— 31.5	Peaty Sand, some Gravel		1380 E4	0.0	— 10.0	Misc. Fill	12	
	31.5	— 53.0	Coarse Sand, trace fine Gravel			10.0 — 13.0	Organic Silt	4		
53.0	— 58.0	Blue Clay	13.0 — 28.0	Medium Sand		20				
Elev. Ex. Ground: 19.0'			28.0 — 35.0			Coarse Sand, some Fill, Gravel, trace Clay	10			
Depth Gr. Water: 12.0'			35.0 — 40.0			Blue Clay	5			
			Elev. Ex. Ground: 11.5'							
			Depth Gr. Water: 4.0'							
1374 E4	0.0	— 16.0	Fill	8 4 8 18 4	1374 E4			0.0 — 16.0	Fill	8
	16.0	— 27.0	Organic Silt, some fine Sand		16.0 — 27.0	Organic Silt, some fine Sand	4			
	27.0	— 31.5	Loose peaty Sand, trace fine Gravel		27.0 — 31.5	Loose peaty Sand, trace fine Gravel	8			
	31.5	— 46.0	Coarse Sand		31.5 — 46.0	Coarse Sand	18			
46.0	— 51.0	Blue Clay	46.0 — 51.0	Blue Clay	4					
Elev. Ex. Ground: 17.5'				Elev. Ex. Ground: 17.5'						
Depth Gr. Water: 10'				Depth Gr. Water: 10'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1381 E4	0.0	— 13.0	Misc. Fill	17	1386 K2	0.0	— 1.0	Loam		
	13.0	— 16.5	Organic Silt	4		1.0	— 24.5	Misc. Fill		
	16.5	— 21.5	Coarse Sand & Gravel	18		24.5	— 46.5	Silt, silty Sand & Shells	3	
	21.5	— 23.5	Medium Sand	22		46.5	— 76.5	Blue Clay	4	
	23.5	— 28.5	Coarse Sand & Gravel	30		76.5	— 90.0	Blue Clay, veins fine Sand	4	
	28.5	— 33.5	Medium Sand	27		90.0	— 91.0	Shale	75	
	33.5	— 53.0	Coarse Sand, trace fine Gravel	15		Elev. Ex. Ground: 116.0'				
	53.0	— 57.0	Coarse Sand	12		Depth Gr. Water: 9.5'				
	57.0	— 60.0	Blue Clay	5		1387 K3	0.0	— 2.0	Loamy Sand	
	Elev. Ex. Ground: 13.0'							2.0	— 6.0	Fill
Depth Gr. Water: 5.5'					6.0		— 13.0	Misc. Fill	3	
1382 K2	0.0	— 19.5	Fill		13.0		— 15.5	Loose coarse silty Sand & Gravel	6	
	19.5	— 23.0	Silt	2	15.5		— 42.5	Silty Sand, Shells & little Gravel	3	
	23.0	— 42.5	Silty Sand	6	42.5		— 52.5	Medium Sand & Gravel	27	
	42.5	— 45.0	Silty Sand & Gravel	7	52.5		— 57.5	Medium blue Clay	8	
	45.0	— 49.5	Medium blue Clay	7	Elev. Ex. Ground: 116.0'					
	49.5	— 78.0	Blue Clay	2	Depth Gr. Water: 8.5'					
	78.0	— 92.0	Medium blue Clay, little Sand & Gravel	16	1388 K3		0.0	— 1.5	Loamy Sand & Gravel	
	Elev. Ex. Ground: 110.2'						1.5	— 12.5	Misc. Fill	
	Depth Gr. Water: 5.5'						12.5	— 25.0	Medium silty Sand, Gravel & Stones	10
	1383 K2	0.0	— 20.0	Misc. Fill			25.0	— 43.0	Silty Sand & Shells	3
20.0		— 24.5	Silt	4		43.0	— 46.0	Medium blue Clay & fine Sand	8	
24.5		— 41.0	Silty Sand	5		46.0	— 49.0	Medium Sand, Gravel & Boulders	34	
41.0		— 45.0	Sand & Gravel	17		49.0	— 54.0	Blue Clay	14	
45.0		— 48.0	Medium blue Clay	11		Elev. Ex. Ground: 116.8'				
48.0		— 77.0	Blue Clay	2		Depth Gr. Water: 9.0'				
77.0		— 82.5	Medium blue Clay	11		1389 K2	0.0	— 13.0	Misc. Fill	
Elev. Ex. Ground: 112.3'					13.0		— 19.5	Loose silty Sand & Gravel	5	
Depth Gr. Water: 7.0'					19.5		— 24.5	Sandy Silt & Shells	1	
1384 K2		0.0	— 12.0	Fill			24.5	— 43.0	Silty Sand, little Gravel & Shells	2
	12.0	— 23.5	Silt & fine Sand	2	43.0		— 47.0	Coarse Sand, Gravel & Shells	31	
	23.5	— 40.5	Fine silty Sand	4	47.0		— 52.0	Blue Clay	15	
	40.5	— 47.0	Coarse Sand & Gravel	23	Elev. Ex. Ground: 115.6'					
	47.0	— 56.5	Yellow Clay	18	Depth Gr. Water: 8.5'					
	56.5	— 83.5	Blue Clay	3	1390 K2		0.0	— 16.0	Misc. Fill	6
	83.5	— 91.0	Hard blue Clay & fine Sand	3			16.0	— 19.0	Coarse silty Sand & Gravel	8
	Elev. Ex. Ground: 113.5'						19.0	— 21.5	Sandy Silt	2
	Depth Gr. Water: 5.5'						21.5	— 43.5	Silty Sand, Gravel & Shells	2
	1385 K2	0.0	— 1.0	Loam			43.5	— 46.5	Medium Sand, Gravel & Stones	32
1.0		— 17.5	Misc. Fill	2		46.5	— 51.5	Blue Clay	13	
17.5		— 23.0	Silt	1		Elev. Ex. Ground: 114.3'				
23.0		— 43.5	Silty Sand	4		Depth Gr. Water: 9.0'				
43.5		— 48.0	Coarse Sand & coarse Gravel	25		1391 K2	0.0	— 16.0	Misc. Fill	6
48.0		— 66.0	Blue Clay	4			16.0	— 19.0	Coarse silty Sand & Gravel	8
66.0		— 77.5	Sand, Gravel & Clay	25	19.0		— 21.5	Sandy Silt	2	
77.5		— 85.0	Sand, Gravel & Clay, hard pan	95	21.5		— 43.5	Silty Sand, Gravel & Shells	2	
Elev. Ex. Ground: 113.2'					43.5		— 46.5	Medium Sand, Gravel & Stones	32	
Depth Gr. Water: 7.5'					46.5		— 51.5	Blue Clay	13	

BOSTON PENINSULA

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No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1391 H4	0.0	19.0	Misc. Fill		1397 H3	0.0	17.5	Misc. Fill		
	19.0	39.0	Silt	2		17.5	33.0	Silty Sand	3	
	39.0	45.0	Sand & Gravel	16		33.0	39.5	Silt & Shells	5	
	45.0	50.5	Blue Clay	22		39.5	44.5	Medium Sand & Gravel		
	50.5	88.0	Blue Clay	3		44.5	51.0	Blue Clay	11	
	88.0	95.0	Very soft blue Clay	2		51.0	78.5	Blue Clay	16	
Elev. Ex. Ground: 114.6'					Elev. Ex. Ground: 113.2'					
Depth Gr. Water: 5.0'					Depth Gr. Water: Not given					
1392 H3	0.0	18.0	Misc. Fill		1398 G3	0.0	15.0	Misc. Fill	2	
	18.0	32.0	Silt & Shells	3		15.0	18.0	Silt & little fine Sand	2	
	32.0	39.5	Loose fine silty Sand	2		18.0	25.5	Silty Sand	3	
	39.5	44.0	Coarse Sand & Gravel	18		25.5	37.0	Silt	2	
	44.0	49.5	Blue Clay	21		37.0	43.0	Silty Peat	2	
	49.5	89.0	Blue Clay	4		43.0	45.0	Sand & Gravel	9	
Elev. Ex. Ground: 111.7'					Elev. Ex. Ground: 112.97'					
Depth Gr. Water: 4.0'					Depth Gr. Water: 7.0'					
1393 H3	0.0	18.0	Fill	1	1399 G3	0.0	6.0	Fill		
	18.0	22.0	Silt, little Sand	4		6.0	18.5	Silty Sand	3	
	22.0	29.5	Fine silty Sand	7		18.5	22.0	Coarse silty Sand & Gravel	14	
	29.5	39.5	Silt & Shells	3		22.0	44.0	Silty Sand	2	
	39.5	44.5	Medium Sand & Gravel	17		44.0	46.5	Coarse Sand & Gravel	14	
	44.5	49.0	Yellow Clay	29		46.5	70.0	Blue Clay	3	
	49.0	54.0	Medium blue Clay	14		Elev. Ex. Ground: 112.7'				
	54.0	83.0	Soft blue Clay	3		Depth Gr. Water: 5.0'				
Elev. Ex. Ground: 115.5'					1400 G3	0.0	9.5	Fill	14	
Depth Gr. Water: 5.0'						9.5	19.5	Silty Sand & Wood	3	
1394 G3	0.0	21.0	Misc. Fill	1		19.5	25.0	Coarse silty Sand, Gravel & Shells	5	
	21.0	42.0	Silty Sand	4		25.0	40.0	Silty Sand	3	
	42.0	47.0	Coarse Sand	9		40.0	46.5	Coarse Sand & Gravel	15	
	47.0	49.0	Medium blue Clay	7		46.5	60.0	Blue Clay	2	
	49.0	85.0	Blue Clay	4	Elev. Ex. Ground: 112.3'					
	85.0	86.0	Loose Sand	4	Depth Gr. Water: 5.0'					
Elev. Ex. Ground: 111.3'					1401 E2	0.0	32.0	Misc. Fill	8	
Depth Gr. Water: 4.5'						32.0	37.5	Coarse Sand & Gravel	25	
1395 H3	0.0	15.5	Misc. Fill	2		37.5	45.0	Fine Sand, little Clay	12	
	15.5	20.5	Loose silty Sand	3		45.0	70.0	Blue Clay	4	
	20.5	26.5	Silty Sand & Shells	4		Elev. Ex. Ground: 111.2'				
	26.5	41.5	Silty Sand	5		Depth Gr. Water: 4.0'				
	41.5	46.0	Coarse Sand & Gravel	9	1402 E1	0.0	5.5	Fill	6	
	46.0	49.0	Medium blue Clay	13		5.5	18.2	Silt, Shell fragments	3	
49.0	88.0	Blue Clay	4	18.2		22.0	Sand & Gravel	18		
Elev. Ex. Ground: 110.9'						22.0	24.8	Fine medium Sand	8	
Depth Gr. Water: 3.5'						24.8	31.0	Clay	6	
1396 H3	0.0	17.5	Misc. Fill			Elev. Ex. Ground: 111.0'				
	17.5	24.5	Silt & Shells	3	Depth Gr. Water: Not given					
	24.5	41.5	Silt	6						
	41.5	45.0	Sand & Gravel	17						
	45.0	56.5	Blue Clay	17						
	56.5	87.5	Soft blue Clay	17						
Elev. Ex. Ground: 111.3'										
Depth Gr. Water: 4.0'										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1403 E2	0.0	— 17.0	Misc. Fill	5	1409 J3	0.0	— 28.5	Misc. Fill	14	
	17.0	— 28.5	Silt, little fine Sand	4		28.5	— 43.5	Loose Silt & silty Sand	15	
	28.5	— 32.5	Coarse Sand	11		43.5	— 65.0	Coarse Sand, Gravel & trace Clay	78	
	32.5	— 47.0	Fine Sand, little Clay	14						
	47.0	— 70.0	Blue Clay	4						
	Elev. Ex. Ground: 111.1'					Elev. Ex. Ground: 111 ±				
	Depth Gr. Water: 4.0'					Depth Gr. Water: Not given				
1404 F2	0.0	— 4.5	Fill		1410 C7	0.0	— 9.0	Misc. Fill	11	
	4.5	— 8.7	Very fine silty Sand			9.0	— 22.0	Very stiff yellow Clay	23	
	8.7	— 12.2	Mud			22.0	— 70.0	Medium blue Clay	7	
	12.2	— 22.0	Hard coarse Sand & Gravel			70.0	— 119.5	Soft blue Clay	3	
	22.0	— 36.7	Hard Sand & Gravel, little Clay			119.5	— 128.0	Fine to medium Sand, fine Gravel, trace Silt & blue Clay	3	
	36.7	— 50.0	Medium Clay		128.0	— 133.0	Rock, soft Shale	Cored		
	Elev. Ex. Ground: 111.2'					Elev. Ex. Ground: 9'				
	Depth Gr. Water: 4.0'					Depth Gr. Water: 22.0'				
1405 F2	0.0	— 5.0	Fill		1411 C7	0.0	— 9.5	Misc. Fill	17	
	5.0	— 12.5	Fine silty Sand			9.5	— 19.5	Stiff yellow Clay	32	
	12.5	— 19.5	Silt, Sand & Gravel			19.5	— 30.0	Medium blue Clay	12	
	19.5	— 37.5	Hard Sand & Gravel			30.0	— 41.5	Soft blue Clay	3	
	37.5	— 50.0	Very fine Sand, some Clay			Elev. Ex. Ground: 10'				
	Elev. Ex. Ground: 111.5'					Depth Gr. Water: Not given				
	Depth Gr. Water: 4.0'				1412 C7	0.0	— 10.0	Misc. Fill	17	
1406 J3	0.0	— 26.5	Misc. Fill	4		10.0	— 22.0	Very stiff yellow Clay	39	
	26.5	— 40.5	Loose Silt, silty Sand & trace Shells	3		22.0	— 113.0	Medium Clay	8	
	40.5	— 43.0	Coarse Sand & Gravel	25		113.0	— 136.0	Rock	Cored	
43.0	— 46.0	Blue Clay	22			Elev. Ex. Ground: 9'				
	Elev. Ex. Ground: 112.10'					Depth Gr. Water: 11.0'				
	Depth Gr. Water: Not given				1413 C7	0.0	— 8.7	Fill	26	
1407 J3	0.0	— 25.5	Misc. Fill	6		8.7	— 18.5	Stiff yellow Clay	17	
	25.5	— 36.5	Loose Silt, silty Sand & trace Shells	4		18.5	— 72.0	Soft blue Clay	2	
	36.5	— 40.0	Coarse Sand & Gravel	25		72.0	— 82.0	Fine to medium Sand, little medium Gravel, trace Boulders, Till	93	
40.0	— 42.5	Clay	8	82.0		Refusal				
	Elev. Ex. Ground: 112.10'					Elev. Ex. Ground: 11'				
	Depth Gr. Water: Not given					Depth Gr. Water: 19.5'				
1408 J3	0.0	— 29.5	Misc. Fill	5	1414 C7	0.0	— 15.0	Sand Fill	22	
	29.5	— 44.0	Loose Silt, silty Sand, trace Shells	3		15.0	— 24.0	Stiff yellow & blue Clay	13	
	44.0	— 45.5	Sand & Gravel	18		24.0	— 36.5	Medium blue Clay	8	
	45.5	— 49.0	Blue Clay	18			Elev. Ex. Ground: 10'			
	49.0	— 60.5	Soft blue Clay	4			Depth Gr. Water: 24.0'			
	60.5	— 70.0	Coarse Sand, Gravel & some Clay	35	1415 C7	0.0	— 5.0	Misc. Fill	16	
	Elev. Ex. Ground: 111.78'			5.0		— 11.0	Organic Silt	11		
	Depth Gr. Water: Not given			11.0		— 20.0	Hard yellow Clay, trace fine Gravel	48		
					20.0	— 23.0	Medium Clay	8		
					Elev. Ex. Ground: 10'					
					Depth Gr. Water: 12.1'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1416 C6	0.0	5.0	Fill	16	1422 15	0.0	16.0	Fill	
	5.0	18.0	Stiff yellow Clay	27		16.0	32.0	Peat	
	18.0	80.0	Soft blue Clay	5		32.0	49.0	Medium Clay, Sand	
	80.0	111.5	Sand, some blue Clay, Till	55*		49.0	52.0	Yellow Clay, Sand & Gravel	
	111.5	116.5	Rock - Cored Shale		52.0	58.0	Yellow Clay, Sand		
					58.0	69.0	Stiff yellow Clay		
	Elev. Ex. Ground: 11.0'				Elev. Ex. Ground: 16'				
	Depth Gr. Water: 18'				Depth Gr. Water: Not given				
1417 D7	0.0	8.6	Misc. Fill	77	1423 15	0.0	19.0	Fill	
	8.6	22.0	Stiff yellow Clay, trace Gravel	34		19.0	36.0	Peat	
	22.0	27.0	Soft blue Clay, fine Sand lenses	7		36.0	46.0	Medium blue Clay	
				46.0		54.0	Stiff yellow Clay		
	Elev. Ex. Ground: Not given				54.0	56.0	Hard Sand & Gravel		
	Depth Gr. Water: 9.8'				Elev. Ex. Ground: 16'				
	Depth Gr. Water: 9.8'				Depth Gr. Water: Not given				
1418 K4	0.0	8.5	Fill		1424 H4	0.0	25.33	Fill	
	8.5	15.5	Yellow Clay, veins fine Sand, trace Gravel	20		25.33	27.83	Soft Silt & fine Sand	
	15.5	20.5	Yellow Clay	11		27.83	36.5	Medium blue Clay	
	20.5	35.0	Blue Clay	7		36.5	45.6	Yellow Clay, layers fine Sand	35
	35.0	37.5	Sand, Gravel, Stones & Clay	37	Elev. Ex. Ground: 11'				
	37.5	Refusal		Depth Gr. Water: Not given					
	Elev. Ex. Ground: 22.6'				1425 H4	0.0	28.0	Fill	
	Depth Gr. Water: 8.5'					28.0	31.83	Silt, little fine Sand & Shells	
1419 K4	0.0	7.5	Fill			31.83	33.5	Sand & little Gravel	
	7.5	10.0	Fine Sand, some Gravel, trace Clay	22		33.5	37.0	Soft silty Sand	
	10.0	30.0	Blue Clay	6	37.0	47.6	Hard yellow Clay		
	30.0	35.0	Blue Clay, trace Gravel	20	Elev. Ex. Ground: 19'				
	Elev. Ex. Ground: 24.45'				Depth Gr. Water: 11.0'				
	Depth Gr. Water: 5.0'				1426 H4	0.0	26.0	Fill	
1420 K4	0.0	10.0	Fill			26.0	29.33	Silt, little fine Sand	
	10.0	11.6	Fine Sand, some Gravel	21		29.33	41.0	Hard yellow Clay	
	11.6	15.0	Yellow Clay, some Gravel	23	Elev. Ex. Ground: 19'				
	15.0	20.0	Yellow Clay	13	Depth Gr. Water: 11.0'				
	20.0	30.0	Blue Clay	4	1427 H4	0.0	19.33	Fill	
	Elev. Ex. Ground: 22.19'					19.33	23.0	Silt, Sand & Shells	
	Depth Gr. Water: 7.5'					23.0	25.2	Silty Sand	
1421 15	0.0	14.0	Fill			25.2	26.5	Sand & Gravel	45
	14.0	20.0	Peat			26.5	27.75	Peat	
	20.0	22.0	Hard Clay, Sand, Gravel		27.75	31.0	Sand	17	
	22.0	30.0	Stiff blue Clay, Sand & Gravel		31.0	35.0	Yellow Clay	25	
	Elev. Ex. Ground: 16'				Elev. Ex. Ground: 10.8'				
	Depth Gr. Water: Not given				Depth Gr. Water: 4.0'				
	Depth Gr. Water: Not given				1428 H4	0.0	27.0	Fill	
	Depth Gr. Water: Not given					27.0	30.0	Silt	
	Depth Gr. Water: Not given					30.0	31.0	Sand & Gravel	
	Depth Gr. Water: Not given					31.0	35.0	Hard yellow Clay, little Sand	
	Depth Gr. Water: Not given				Elev. Ex. Ground: 19'				
	Depth Gr. Water: Not given				Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
1429 14	0.0	10.83	Fill		1435 14	0.0	9.0	Fill				
	10.83	30.5	Mud			9.0	17.2	Silt & Shells				
	30.5	38.0	Hard Sand, Gravel & Stones			17.2	22.3	Fine silty Sand				
	Elev. Ex. Ground: 14.0'					22.3	33.0	Silt & little very fine Sand				
	Depth Gr. Water: Not given					33.0	35.7	Silt, Peat & little very fine Sand				
1430 14	0.0	12.5	Fill	22	1436 14	0.0	10.0	Fill				
	12.5	16.5	Medium Peat			10.0	16.0	Soft Silt				
	16.5	29.25	Silt, fine Sand & Shells			16.0	22.0	Fine silty Sand				
	29.25	31.5	Medium blue Clay, little Gravel			22.0	33.2	Silt & little very fine Sand				
	31.5	36.5	Blue Clay, little Sand & Gravel			33.2	37.0	Silty Peat				
	Elev. Ex. Ground: 14.3'					37.0	37.5	Silty Sand & Gravel				
	Depth Gr. Water: 7.2'					37.5	42.0	Stiff blue Clay				
1431 14	0.0	10.0	Fill	23	1437 14	0.0	18.0	Misc. Fill				
	10.0	13.25	Medium Peat			18.0	26.2	Silt				
	13.25	27.25	Silt, fine Sand & Shells			26.2	38.0	Silt & little very fine Sand				
	27.25	29.0	Medium blue Clay, little fine Sand			38.0	43.5	Silty Peat				
	29.0	34.0	Blue Clay, little fine Sand			43.5	44.5	Firm silty Sand & Gravel				
	Elev. Ex. Ground: 11.83'					44.5	50.0	Stiff blue Clay				
	Depth Gr. Water: 6.75'					Elev. Ex. Ground: 2.0'						
	Depth Gr. Water: Not given					Depth Gr. Water: Not given						
1432 14	0.0	12.5	Fill	26	1438 G7	0.0	19.0	Fill	19			
	12.5	13.0	Medium Peat			19.0	36.8	Organic Silt & Shells		3		
	13.0	14.5	Silty Sand			36.8	44.0	Blue & yellow Clay			16	
	14.5	27.7	Silt, fine Sand & Shells			44.0	49.0	Sandy blue Clay, little medium Gravel				10
	27.7	33.0	Blue Clay, Sand & Gravel			49.0	61.0	Sandy blue Clay, some Gravel				
33.0	36.5	Hard Sand & Gravel, little Clay	61.0	126.3	Medium blue Clay	9						
	Elev. Ex. Ground: 14.25'				126.3		129.0	Fine Sand, some Gravel	24			
	Depth Gr. Water: 7.0'				129.0		141.9	Fine Sand, some Silt & some Gravel		92		
	Depth Gr. Water: Not given				Elev. Ex. Ground: 22.4'							
	Depth Gr. Water: Not given				Depth Gr. Water: Not given							
1433 14	0.0	12.0	Fill		1434 14	0.0	12.6	Fill				
	12.0	14.33	Mud, Peat			12.6	22.2	Peat & Mud				
	14.33	36.3	Mud, fine Sand & Shells			22.2	32.7	Silt, fine Sand, & Shells				
	36.3	44.0	Hard blue Clay & fine Sand			32.7	35.2	Silt, little fine Sand				
	Elev. Ex. Ground: 13.4'				35.2	43.0	Hard blue Clay & fine Sand					
	Depth Gr. Water: 12.0'				Elev. Ex. Ground: 11.2'							
	Depth Gr. Water: Not given				Depth Gr. Water: Not given							

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1439 G7	0.0	— 23.0	Fill	29	1443 G7	0.0	— 17.8	Fill	12
	23.0	— 35.2	Peaty organic Silt & Shells	3		17.8	— 27.3	Organic Silt & Shells	2
	35.2	— 37.0	Blue Clay & medium Gravel	29		27.3	— 31.0	Yellow & blue Clay	29
	37.0	— 42.0	Yellow Clay	32		31.0	— 42.0	Sandy gravelly yellow Clay	27
	42.0	— 47.0	Yellow & blue Clay	10		42.0	— 47.0	Medium yellow Clay & little Gravel	11
	47.0	— 56.9	Medium yellow & blue Gravel	9		47.0	— 57.8	Sandy blue Clay & some Gravel	15
	56.9	— 62.0	Sand, Clay, some Gravel & Boulders	21		57.8	— 118.0	Medium blue Clay	7
	62.0	— 70.0	Sandy blue Clay, some medium Gravel & Boulders	12		118.0	— 126.2	Fine Sand, Clay, some Gravel, Rock or Boulder fragments	141
	70.0	— 126.0	Medium blue Clay	9		126.2	— 141.2	Cored Shale	
	126.0	— 135.2	Fine Sand, little Clay & some Gravel, Till	80		Elev. Ex. Ground: 17.6' Depth Gr. Water: Not given			
Elev. Ex. Ground: 22.9' Depth Gr. Water: Not given					1444 G7	0.0	— 18.0	Fill	28
1440 G7	0.0	— 18.0	Fill	23		18.0	— 31.9	Organic Silt & Shells	3
	18.0	— 28.0	Organic Silt & Shells	3		31.9	— 42.5	Blue & yellow Clay	8
	28.0	— 45.0	Blue & yellow Clay	26		42.5	— 132.5	Sand, some Gravel, Till	51
	45.0	— 117.0	Medium blue Clay	7		132.5	— 145.0	Cored Shale	
	117.0	— 124.0	Sandy blue Clay, some Gravel	22	Elev. Ex. Ground: 18.2' Depth Gr. Water: Not given				
124.0	— 127.2	Sandy blue Clay, some Gravel, & Rock or Boulder fragments	97	1445 G7	0.0	— 13.5	Fill	8	
127.2		Refusal			13.5	— 20.0	Peaty organic Silt & Shells	3	
Elev. Ex. Ground: 21.4' Depth Gr. Water: Not given						20.0	— 22.0	Blue & yellow Clay	12
1441 G7	0.0	— 23.8	Fill		8	22.0	— 32.0	Yellow Clay	39
	23.8	— 25.0	Blue Clay		24	32.0	— 50.0	Medium blue Clay	10
	25.0	— 27.0	Yellow Clay & Gravel	29	Elev. Ex. Ground: 17.8' Depth Gr. Water: Not given				
	27.0	— 44.9	Medium blue Clay & some Gravel	9	1446 G7	0.0	— 17.0	Fill	7
	44.9	— 53.0	Sandy blue Clay & some Gravel	12		17.0	— 31.0	Yellow Clay	18
53.0	— 116.0	Medium blue Clay	5	31.0		— 113.5	Medium blue Clay	7	
116.0	— 124.7	Fine Sand, Clay, some Gravel	72	113.5		— 124.0	Sand, Silt & some Gravel	80	
124.7		Refusal		124.0		— 125.0	Fine Sand & Rock or Boulder fragments	89	
Elev. Ex. Ground: 22.3' Depth Gr. Water: Not given					125.0		Refusal		
1442 G7	0.0	— 24.5	Fill	9	Elev. Ex. Ground: 17.6' Depth Gr. Water: Not given				
	24.5	— 27.0	Yellow Clay	27	1447 G7	0.0	— 17.5	Fill	6
	27.0	— 50.0	Medium blue Clay	6		17.5	— 27.5	Organic Silt & Shells	4
	Elev. Ex. Ground: 23.6' Depth Gr. Water: Not given						27.5	— 40.0	Sandy gravelly yellow Clay
				40.0		— 60.0	Blue Clay	4	
				60.0	— 109.0	Medium blue Clay	4		
				109.0	— 116.0	Sand	24		
				116.0	— 124.0	Fine Sand, little Clay, some Gravel, Till	41		
				124.0		Refusal			
				Elev. Ex. Ground: 17.3' Depth Gr. Water: Not given					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1448 G7	0.0	17.0	Fill	8	1454 F7	0.0	16.7	Fill	5	
	17.0	33.0	Yellow Clay	14		16.7	22.0	Yellow Clay	14	
	33.0	125.0	Medium blue Clay	7		22.0	38.0	Medium yellow & blue Clay	8	
	125.0	134.0	Sand, some Silt, some Gravel	69		38.0	101.0	Medium blue Clay	6	
	134.0	140.0	Sand & Silt, Gravel, Till	64		101.0	112.7	Fine Sand & little Clay	21	
	140.0		Refusal			112.7	115.0	Rock or Boulder fragments	61	
	Elev. Ex. Ground: 16.9'				115.0	Refusal				
	Depth Gr. Water: Not given				Elev. Ex. Ground: 17.1'					
	Depth Gr. Water: Not given				Depth Gr. Water: Not given					
1449 G7	0.0	14.0	Fill	6	1455 F7	0.0	26.5	Sandy organic Silt & Shells	3	
	14.0	24.0	Organic Silt & Shells	4		26.5	36.0	Yellow Clay	21	
	24.0	36.0	Yellow Clay	23		36.0	42.0	Yellow & blue Clay	17	
	36.0	50.0	Medium blue Clay	8		42.0	128.5	Medium blue Clay	29	
	Elev. Ex. Ground: 17.6'				128.5	129.7	Sand, little Clay, some Gravel, Till	78		
	Depth Gr. Water: Not given				129.7	149.7	Cored Shale			
1450 G7	0.0	16.0	Fill	4	Elev. Ex. Ground: 18.2'					
	16.0	19.0	Yellow Clay, some coarse Gravel	30	Depth Gr. Water: Not given					
	19.0	28.0	Yellow Clay	15	1456 G7	0.0	19.5	Fill	6	
	28.0	104.0	Medium blue Clay	6		19.5	31.0	Yellow Clay	14	
	104.0	111.0	Fine Sand, some Clay, some Gravel	87		31.0	50.0	Medium blue Clay	8	
111.0	113.0	Till	160	Elev. Ex. Ground: 17.6'						
	Elev. Ex. Ground: 16.9'			Depth Gr. Water: Not given						
	Depth Gr. Water: Not given			1457 F6	0.0	19.33	Misc. Fill			
1451 F7	0.0	24.4	Organic Silt & Shells		3	19.33	30.5	Medium Silt		
	24.4	28.0	Sandy yellow Clay, little coarse Gravel		17	30.5	33.0	Coarse silty Sand, little fine Gravel & Shells	6	
	28.0	50.0	Blue Clay		9	33.0	38.0	Hard yellow Clay		
	Elev. Ex. Ground: 15.0'			Elev. Ex. Ground: 18.0'						
	Depth Gr. Water: Not given			Depth Gr. Water: 12.33'						
1452 F7	0.0	16.0	Fill	4	1458 F7	0.0	23.25	Misc. Fill		
	16.0	28.0	Yellow Clay, little Gravel	23		23.25	33.0	Medium Silt & very little fine Sand		
	28.0	43.0	Medium yellow & blue Clay	8		33.0	34.7	Medium blue Clay		
	43.0	117.3	Medium blue Clay	6		34.7	40.0	Hard blue Clay		
	117.3	121.7	Sand, Clay, some Gravel	63		Elev. Ex. Ground: 18.0'				
	Elev. Ex. Ground: 13.5'			Depth Gr. Water: 12.33'						
	Depth Gr. Water: Not given			1459 F6	0.0	10.0	Fill			
1453 F7	0.0	16.5	Fill		4	10.0	27.2	Silt, little fine Sand & Shells		
	16.5	38.0	Yellow Clay		13	27.2	30.0	Hard blue Clay		
	38.0	114.0	Medium blue Clay		4	30.0	35.0	Medium Clay & little very fine Sand		
	114.0	118.0	Clayey fine Sand		21	Elev. Ex. Ground: 10.1'				
	118.0	124.3	Sand & some Gravel	63	Depth Gr. Water: Not given					
124.3		Refusal		1460 F6	0.0	22.0	Fill			
Elev. Ex. Ground: 17.7'					22.0	34.8	Silt, little fine Sand & Shells			
Depth Gr. Water: Not given					34.8	35.3	Peat			
					35.3	45.0	Medium Clay & little Sand			
				Elev. Ex. Ground: 17.6'						
				Depth Gr. Water: Not given						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1461 G7	0.0	13.0	Misc. Fill	25	1470 E8	0.0	11.0	Fill	
	13.0	20.0	Silty Peat	2		11.0	19.3	Silty Peat	
	20.0	25.9	Organic Silt & Shells	1		19.3	21.0	Clay, little Sand	4
	25.9	43.0	Yellow Clay	29		21.0	31.0	Yellow Clay & fine Sand	12
	43.0	124.0	Medium blue Clay	7					
	124.0	135.0	Sand, Clay, some Gravel & Boulders	34					
	135.0	142.0	Cored Shale						
	Elev. Ex. Ground: 19.2'					Elev. Ex. Ground: 15.3'			
	Depth Gr. Water: 10.0'					Depth Gr. Water: Not given			
1462 G7	0.0	13.5	Fill	41	1471 E8	0.0	14.0	Fill	
	13.5	26.0	Clayey organic Silty Sand	4		14.0	24.0	Silty Peat	
	26.0	42.0	Yellow Clay	28		24.0	26.0	Blue Clay & Sand	5
	42.0	127.5	Medium blue Clay	10		26.0	28.0	Blue Clay & Sand	3
					28.0	42.0	Yellow Clay & fine Sand	7	
	Elev. Ex. Ground: 18.1'								
	Depth Gr. Water: 10.3'					Elev. Ex. Ground: 16.0'			
1463 G8	0.0	12.5	Misc. Fill	7	1472 D8	0.0	11.0	Fill	
	12.5	18.0	Yellow Clay	15		11.0	18.5	Soft silty Peat	
	18.0	25.0	Yellow Clay, veins fine Sand	6		18.5	20.0	Medium Clay & Sand	6
	Elev. Ex. Ground: 99.47'					20.0	34.4	Hard yellow Clay, little fine Sand	13
	Depth Gr. Water: 9.0'					Elev. Ex. Ground: 15.4'			
						Depth Gr. Water: Not given			
1464 G7	0.0	13.6	Misc. Fill	10	1473 D8	0.0	15.0	Fill	
	13.6	19.0	Yellow Clay	14		15.0	19.5	Silty Peat	
	19.0	30.0	Medium yellow Clay, veins fine Sand	6		19.5	22.0	Medium blue Clay & Sand	6
	Elev. Ex. Ground: 101.40'					22.0	33.0	Yellow Clay, little fine Sand	14
	Depth Gr. Water: 8.5'					Elev. Ex. Ground: 16.3'			
1465 D8	0.0	6.5	Fill			Depth Gr. Water: 7.0'			
	6.5	24.5	Yellow Clay & fine Sand	8	1474 D8	0.0	13.5	Fill	
	Elev. Ex. Ground: 14.5'			13.5		21.3	Peat		
	Depth Gr. Water: Not given			21.3		23.0	Clay & Sand	3	
				23.0		41.5	Yellow Clay, little fine Sand	14	
1466 D8	0.0	7.0	Fill			41.5	46.0	Blue Clay & little Sand	3
	7.0	24.9	Yellow Clay & fine Sand	6		Elev. Ex. Ground: 16.3'			
	Elev. Ex. Ground: 15.9'					Depth Gr. Water: 6.3'			
	Depth Gr. Water: Not given				1475 D8	0.0	10.0	Fill	
1467 E8	0.0	6.0	Fill			10.0	12.5	Medium blue Clay	7
	6.0	36.2	Yellow Clay & fine Sand	8		12.5	24.0	Yellow Clay & fine Sand	13
	Elev. Ex. Ground: 18.2'						24.0	74.0	Clay
	Depth Gr. Water: Not given					74.0	78.0	Sand, Gravel & Clay	40
1468 E8	0.0	8.0	Fill			78.0		Refusal	
	8.0	23.0	Yellow Clay & fine Sand	11		Elev. Ex. Ground: 16.5'			
	Elev. Ex. Ground: 18.4'					Depth Gr. Water: Not given			
	Depth Gr. Water: Not given				1476 E8	0.0	7.0	Fill	
1469 E8	0.0	11.0	Misc. Fill	12		7.0	24.0	Yellow Clay, little fine Sand	16
	11.0	24.0	Yellow Clay	5			24.0	35.5	Medium yellow Clay & little Sand
	24.0	30.0	Blue Clay			Elev. Ex. Ground: 17.6'			
	Elev. Ex. Ground: 15.3'					Depth Gr. Water: Not given			
	Depth Gr. Water: 8.0'								

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)			
	From	To				From	To					
1477 D8	0.0	6.0	Fill		1484 E8	0.0	11.5	Fill				
	6.0	12.5	Silty Peat			11.5	17.5	Peat				
	12.5	13.5	Clay & Sand	3		17.5	20.0	Blue Clay & Sand	3			
	13.5	27.5	Yellow Clay & little fine Sand	15		20.0	21.0	Sharp Sand & little Clay	5			
	27.5	33.0	Blue Clay & little Sand	3		21.0	27.5	Yellow Clay & little fine Sand	14			
Elev. Ex. Ground: 12.3'					Elev. Ex. Ground: 12.5'							
Depth Gr. Water: 5.0'					Depth Gr. Water: 6.5'							
1478 D8	0.0	10.0	Fill		1485 E8	0.0	12.0	Fill				
	10.0	14.0	Peat			12.0	20.5	Silty Peat				
	14.0	27.0	Yellow Clay	9		20.5	23.0	Blue Clay	6			
	27.0	30.5	Blue Clay, little fine Sand	3		23.0	28.0	Yellow Clay & fine Sand	10			
Elev. Ex. Ground: 14.0'					28.0				71.0	Clay	2	
Depth Gr. Water: Not given					71.0				76.0	Sand, Gravel & Clay, Hardpan	40	
1479 E8	0.0	8.5	Fill		76.0				Refusal			
	8.5	12.5	Silty Peat		Elev. Ex. Ground: 14.5'							
	12.5	13.5	Blue Clay & Sand	3	Depth Gr. Water: Not given							
	13.5	27.5	Yellow Clay & little Sand	14	1486 E6	0.0	25.5	Misc. Fill	2			
Elev. Ex. Ground: 13.4'						25.5	27.0	Clay & Sand	24			
Depth Gr. Water: 7.0'						27.0	36.0	Clay	24			
						36.0	40.0	Medium Clay	8			
1480 D8	0.0	10.3	Fill		Elev. Ex. Ground: 17.6'							
	10.3	14.0	Peat		Depth Gr. Water: 10.0'							
	14.0	15.5	Clay & Sand	3	1487 E6	0.0	14.0	Fill				
	15.5	26.0	Yellow Clay & little fine Sand	14		14.0	22.5	Silt				
	26.0	40.3	Blue Clay & little fine Sand	3		22.5	27.0	Sandy Clay, Stones, Till	15			
Elev. Ex. Ground: 15.3'					27.0				32.5	Medium yellow Clay	6	
Depth Gr. Water: 5.3'					Elev. Ex. Ground: 12.6'							
					Depth Gr. Water: 4.5'							
1481 D8	0.0	10.6	Fill		1488 E6	0.0	14.0	Fill				
	10.6	16.5	Peat			14.0	22.5	Silt				
	16.5	21.0	Yellow Clay & fine Sand	9		22.5	27.0	Sandy Clay, Stones, Till	15			
	21.0	74.6	Blue Clay	2		27.0				32.5	Medium yellow Clay	6
	74.6	76.0	Boulders, Hardpan Refusal			Elev. Ex. Ground: 12.6'						
Elev. Ex. Ground: 14.6'					Depth Gr. Water: 4.5'							
Depth Gr. Water: Not given					1489 D6	0.0	7.5	Fill	21			
1482 D8	0.0	10.0	Fill			7.5	18.0	Organic Silt, little Shells	3			
	10.0	14.5	Silty Peat			18.0	21.5	Coarse Sand, Gravel & Stones	14			
	14.5	16.0	Clay & Sand	3		21.5	29.0	Organic Silt, little Shells	3			
	16.0	31.0	Yellow Clay	14		29.0	33.0	Blue Clay	21			
	31.0	46.0	Blue Clay & little fine Sand	3		33.0	36.5	Yellow Clay	20			
Elev. Ex. Ground: 11.0'						36.5				50.0	Blue Clay	5
Depth Gr. Water: 5.5'					Elev. Ex. Ground: 18.52'							
1483 D8	0.0	13.0	Fill		Depth Gr. Water: 5.5'							
	13.0	18.0	Peat		1489 D6	0.0	7.5	Fill	21			
	18.0	19.0	Blue Clay	7		7.5	18.0	Organic Silt, little Shells	3			
	19.0	26.0	Yellow Clay & fine Sand	12		18.0	21.5	Coarse Sand, Gravel & Stones	14			
	26.0	78.0	Clay	2		21.5	29.0	Organic Silt, little Shells	3			
	78.0	81.5	Sand, Gravel & Clay, Hardpan	62		29.0	33.0	Blue Clay	21			
81.5		Refusal		33.0		36.5	Yellow Clay	20				
Elev. Ex. Ground: 15.0'					36.5				50.0	Blue Clay	5	
Depth Gr. Water: Not given					Elev. Ex. Ground: 18.52'							
					Depth Gr. Water: 5.5'							

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1490 D9	0.0	14.0	Misc. Fill	3	1494 M2	0.0	5.0	Misc. Fill	5	
	14.0	17.6	Organic Silt, trace Shells	2		5.0	12.5	Organic Silt, trace fine Sand	3	
	17.6	24.0	Coarse Sand & Gravel	10		12.5	17.0	Sand, organic Silt	3	
	24.0	26.5	Sand, Gravel & Silt	23		17.0	22.5	Sand & Gravel	3	
	26.5	34.0	Yellow Clay	6		22.5	29.0	Sand & Gravel, trace organic Silt & Shells, Stones	8	
	34.0	39.0	Medium yellow Clay	4		29.0	33.0	Clay, trace fine Sand	9	
	39.0	50.0	Blue Clay	4		33.0	49.0	Clay, some fine Sand	4	
	Elev. Ex. Ground: 16.76'						49.0	53.0	Sand, Gravel, stones, some Clay	13
	Depth Gr. Water: 8.5'						53.0	55.0	Fine Sand, Gravel, trace Clay & Shale	82
	1491 D9	0.0	9.5	Fill		22	Elev. Ex. Ground: -7.6'			
9.5		16.5	Organic Silt, trace Shells	3	Depth Gr. Water: Tide					
16.5		21.0	Coarse Sand, Gravel, Wood fibers	13	1495 M2	0.0	52.0	Misc. Fill	8	
21.0		28.0	Organic Silt, little Peat	3		52.0	67.0	Rock	Cored	
28.0		30.0	Medium blue Clay	7		Elev. Ex. Ground: 15.8'				
30.0		34.5	Yellow & blue Clay	20		Depth Gr. Water: Not given				
34.5	50.0	Blue Clay	4	1496 M2		0.0	39.0	Misc. Fill	9	
Elev. Ex. Ground: 15.48'							39.0	48.0	Organic Silt, trace Wood	16
Depth Gr. Water: 8.5'						48.0	54.0	Sand & Gravel, some Stones	19	
1492 D9	0.0	23.0	Misc. Fill		48	54.0	70.0	Fine Sand, some Gravel, Stones, trace inorganic Silt	28	
	23.0	34.5	Organic Silt, trace Shells		3	70.0	70.5	Sand, Gravel, some Clay	132	
	34.5	38.5	Blue Clay, little fine Sand		16	70.5		Refusal		
	38.5	50.0	Blue Clay	4	Elev. Ex. Ground: 16.4'					
Elev. Ex. Ground: 15.98'					Depth Gr. Water: 6.5' (Tide)					
Depth Gr. Water: 10.0'				1497 N2	0.0	8.0	Organic Silt	1		
1493 L2	0.0	14.5	Misc. Fill		10	8.0	13.0	Yellow Clay	9	
	14.5	16.0	Organic Silt, trace Stones, Shells		5	13.0	17.0	Fine Sand, Clay, some Gravel	18	
16.0	25.0	Fine Sand, trace Gravel & organic Silt	10		17.0	25.5	Fine Sand, some Gravel & Clay, Stones	17		
25.0	28.5	Very coarse Sand & Gravel, Stones	15		25.5	35.5	Fine Sand & Clay, little Gravel	41		
28.5	29.5	Clay, trace fine Sand	10		35.5	61.0	Fine Sand, some Clay & Shale, little Gravel	142		
29.5	30.5	Clay, Stones	9		61.0	76.0	Rock, Shale	Cored		
30.5	32.5	Fine Sand, Gravel, Boulders, trace Clay	130		Elev. Ex. Ground: -17.0'					
Elev. Ex. Ground: -1.6'				Depth Gr. Water: Tide						
Depth Gr. Water: Tide										

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1498 N2	0.0	— 30.0	Misc. Fill	7	1502 N2	0.0	— 30.0	Misc. Fill	7	
	30.0	— 35.5	Sand, Gravel, some organic Silt	4		30.0	— 38.0	Organic Silt, trace Sand, Gravel, Shells	2	
	35.5	— 39.0	Clay, little fine Sand, Gravel	9		38.0	— 42.0	Organic Silt	1	
	39.0	— 44.0	Fine Sand & Clay, some Gravel	21		42.0	— 44.0	Sand, some stones, trace organic Silt	17	
	44.0	— 45.5	Sand, Gravel & Clay	8		44.0	— 46.0	Clay, some Sand & Gravel	10	
	45.5	— 49.0	Fine Sand & Clay	17		46.0	— 54.0	Clay, veins fine Sand	9	
	49.0	— 52.0	Shale, some Clay	30		54.0	— 59.0	Blue Clay	7	
	52.0	— 53.0	Fine Sand, Gravel & yellow Clay	9		59.0	— 65.0	Sand, Stones, Clay	14	
					65.0	— 85.0	Soft Rock, Shale	74		
					85.0	— 95.0	Rock	Cored		
	Elev. Ex. Ground: 15.3'					Elev. Ex. Ground: 14.1'				
	Depth Gr. Water: Tide					Depth Gr. Water: 6.0' (Tide)				
1499 N2	0.0	— 11.0	Misc. Fill	2	1503 N2	0.0	— 20.5	Misc. Fill	15	
	11.0	— 15.5	Sand, Gravel, trace organic Silt, Shells	3		20.5	— 31.0	Sand, some organic Silt, trace Gravel	6	
	15.5	— 18.5	Clay, some Sand & Gravel	10		31.0	— 38.0	Sand, some organic Silt, trace Shells	8	
	18.5	— 21.5	Clay, some Gravel & Stones	17		38.0	— 45.0	Blue Clay	21	
	21.5	— 36.0	Fine Sand & Clay, little Gravel, Stones	17		45.0	— 46.5	Sand, Gravel & Clay	60	
	36.0	— 40.0	Fine Sand & Gravel, trace Shale	31						
	40.0	— 70.0	Rock	Cored						
	Elev. Ex. Ground: — 5.0'					Elev. Ex. Ground: 12.8'				
	Depth Gr. Water: Tide					Depth Gr. Water: 5.5' (Tide)				
1500 N2	0.0	— 19.0	Misc. Fill	10	1504 L2	0.0	— 20.0	Misc. Fill	5	
	19.0	— 35.5	Organic Silt, trace Shells	2		20.0	— 34.0	Sand, Gravel & Stones	8	
	35.5	— 41.5	Fine Sand, organic Silt, little Gravel	3		34.0	— 36.0	Shale, trace Gravel	2	
	41.5	— 43.0	Fine Sand & Clay, some Gravel	17		36.0	— 38.0	Fine Sand & Gravel, little Clay	67	
	43.0	— 50.0	Fine Sand & Gravel, some Stones, Clay	28						
	50.0	— 51.25	Fine Sand & Gravel, trace Clay	53						
	Elev. Ex. Ground: 13.4'					Elev. Ex. Ground: 18.0'				
	Depth Gr. Water: 6.0'					Depth Gr. Water: 5.0' (Tide)				
1501 N2	0.0	— 21.5	Misc. Fill	16	1505 M2	0.0	— 9.6	Misc. Fill	8	
	21.5	— 27.0	Organic Silt, trace Sand & Shells	3		9.6	— 16.0	Fine Sand, some Gravel & Shale	15	
	27.0	— 37.0	Fine Sand, little organic Silt	5		16.0	— 26.0	Fine Sand & Gravel, some Shale	22	
	37.0	— 42.0	Coarse Sand, Gravel & Stones	9		26.0	— 27.0	Fine Sand	155	
	42.0	— 51.5	Yellow Clay	7		27.0	— 47.0	Rock	Cored	
	51.5	— 55.0	Clay, some fine Sand, Gravel, Stones	14						
	55.0	— 59.0	Clay, little Sand & Gravel	18						
		Elev. Ex. Ground: 12.9'						Elev. Ex. Ground: 1.1'		
	Depth Gr. Water: 5.0' (Tide)					Depth Gr. Water: Tide				
1506 N2	0.0	— 9.6	Organic Silt	7	1506 N2	0.0	— 9.6	Organic Silt	7	
	9.6	— 12.0	Blue Clay	10		9.6	— 12.0	Blue Clay	10	
	12.0	— 22.0	Yellow Clay	6		12.0	— 22.0	Yellow Clay	6	
	22.0	— 25.5	Blue Clay	13		22.0	— 25.5	Blue Clay	13	
	25.5	— 32.0	Yellow Clay, trace fine Sand	42		25.5	— 32.0	Yellow Clay, trace fine Sand	42	
	32.0	— 38.5	Fine Sand, some Gravel & Shale	52		32.0	— 38.5	Fine Sand, some Gravel & Shale	52	
	38.5	— 43.0	Shale	Cored		38.5	— 43.0	Shale	Cored	
	43.0	— 53.0	Rock			43.0	— 53.0	Rock		
	Elev. Ex. Ground: — 9.5'					Elev. Ex. Ground: — 9.5'				
	Depth Gr. Water: Tide					Depth Gr. Water: Tide				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1507 N2	0.0	— 9.5	Organic Silt		1510 N2	0.0	— 23.0	Misc. Fill	6
	9.5	— 15.5	Clay, trace fine Sand	9		23.0	— 26.0	Organic Silt, trace fine Sand	3
	15.5	— 20.0	Clay, little Gravel, trace fine Sand	10		26.0	— 30.0	Organic Silt & Wood	16
	20.0	— 24.5	Boulders, trace Clay, Sand	76		30.0	— 35.0	Organic Silt, trace fine Sand & Shells	3
	24.5	— 30.0	Fine Sand, Gravel, some Boulders & Clay	21		35.0	— 38.0	Fine Sand, some organic Silt, trace Shells	3
	30.0	— 37.0	Fine Sand & Clay	13		38.0	— 41.0	Blue Clay, trace fine Sand	13
	37.0	— 37.5	Shale	44		41.0	— 44.0	Clay, veins fine Sand, trace Gravel	23
	37.5	— 57.5	Rock	Cored		44.0	— 50.0	Veins fine Sand & Gravel	30
	Elev. Ex. Ground: -9.5'					50.0	— 60.0	Sand & Gravel	43
	Depth Gr. Water: Tide					60.0	— 63.0	Fine Sand, Gravel & Clay	58
1508 N2	0.0	— 12.6	Organic Silt		1511 N2	0.0	— 30.0	Misc. Fill	5
	12.6	— 17.0	Fine Sand & organic Silt	4		30.0	— 35.0	Fine Sand & Gravel, trace organic Silt	16
	17.0	— 20.5	Clay, some fine Sand, Gravel	10		35.0	— 37.0	Coarse Sand & Gravel	22
	20.5	— 24.5	Fine Sand, some Gravel & Clay	15		37.0	— 42.0	Fine Sand & Gravel, Stones	50
	24.5	— 27.5	Fine Sand; some Gravel & Clay, Boulders	57		42.0	— 46.0	Coarse Sand & Gravel, Stones	26
	27.5	— 31.5	Fine Sand, Gravel, Clay, Boulders	83		46.0	— 51.0	Fine Sand, Gravel, Stones	73
	31.5	— 33.0	Shale	56		51.0	— 56.0	Sand, Gravel & Stones, trace Clay	82
	33.0	— 64.0	Rock	Cored		56.0	— 60.0	Fine Sand, Gravel, some Clay, Boulders	103
	Elev. Ex. Ground: -0.6'					60.0	— 64.0	Drilled Boulders	
	Depth Gr. Water: Tide					64.0	— 70.0	Fine Sand, Gravel, Boulders, Clay	194
1509 N2	0.0	— 24.0	Misc. Fill	34	70.0	— 72.0	Fine Sand, Gravel, Boulders, Clay, trace Shale	102	
	24.0	— 27.0	Organic Silt, trace Shells	4	72.0	— 87.0	Rock	Cored	
	27.0	— 33.0	Fine Sand, some organic Silt	1	Elev. Ex. Ground: 13.0'				
	33.0	— 40.0	Sand, Gravel & Clay	8	Depth Gr. Water: 5.6' (Tide)				
	40.0	— 45.0	Yellow Clay	10	1512 O7	0.0	— 0.2	Bituminous	
	45.0	— 49.0	Clay	28		0.2	— 1.0	Cobbles, Stones	
	49.0	— 51.5	Fine Sand, Gravel, some yellow Clay	51		1.0	— 8.0	Fill	
	51.5	— 55.5	Clay, trace Sand, Gravel	38		8.0	— 23.0	Sandy organic Silt	
	55.5	— 58.83	Shale	5		23.0	— 34.0	Very stiff yellow Clay	
	58.83	— 93.6	Rock	Cored		34.0	— 43.5	Very sandy yellow Clay & some coarse Gravel	14
Elev. Ex. Ground: 14.0'				43.5		— 50.0	Sand & some Gravel	35	
Depth Gr. Water: Tide				50.0		— 61.0	Fine Sand & some fine Gravel, Till	95	
				Elev. Ex. Ground: 15.4'					
				Depth Gr. Water: 11.0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1513 O7	0.0	— 2.0	Organic Silt & Gravel	10	1516 O7	0.0	— 7.0	Organic Silt	3	
	2.0	— 19.0	Organic Silt	2		7.0	— 9.5	Organic Silt & Gravel		
	19.0	— 24.0	Peaty organic Silt & Shells	9		9.5	— 14.5	Stiff, sandy blue & yellow Clay		
	24.0	— 36.0	Yellow & blue Clay	23		14.5	— 21.0	Sandy blue & yellow Clay	25	
	36.0	— 47.5	Yellow Clay	13		21.0	— 32.0	Medium blue Clay	9	
	47.5	— 59.0	Medium blue & yellow Clay	10		32.0	— 42.0	Fine Sand, Clay & little fine Gravel	64	
	59.0	— 69.0	Sand, little medium Clay & Boulders	41		42.0	— 47.0	Fine Sand & little Gravel, Till	110	
	69.0	— 70.0	Boulders	Cored				Elev. Ex. Ground: -9.4'		
	70.0	— 80.0	Medium Sand, little Clay & some coarse Gravel	69				Depth Gr. Water: Not given		
	80.0	— 81.0	Boulders	Cored		1517 K6	0.0	— 0.5	Bituminous	
	81.0	— 93.0	Shale	122*			0.5	— 35.0	Fill	14
93.0	— 105.0	Rock, Shale Cored		35.0	— 50.0		Sand, Gravel, some Silt, trace Boulder fragments	52		
		Elev. Ex. Ground: -0.8'		50.0	— 57.0		Cobbles & Boulders	Cored		
		Depth Gr. Water: Not given		57.0	— 65.0		Sand, Gravel, Boulder fragments, Till	141		
1514 O7	0.0	— 25.0	Fill		65.0		— 71.5	Sand, Gravel, some Silt, trace Rock or Boulder fragments	95	
	25.0	— 30.0	Organic Silt					Elev. Ex. Ground: 76.7'		
	30.0	— 42.0	Yellow Clay	21				Depth Gr. Water: 33.0'		
	42.0	— 63.0	Sandy blue Clay & little fine Gravel	9	1518 K6		0.0	— 0.5	Bituminous	
	63.0	— 72.0	Sandy Clay & little Gravel	62			0.5	— 38.0	Fill	7
		Elev. Ex. Ground: 15.5'		38.0			— 50.0	Sand, Gravel, little Silt	90	
		Depth Gr. Water: Not given		50.0		— 55.0	Sand, some Gravel, Cobbles	200		
1515 O6	0.0	— 18.0	Fill	15		55.0	— 60.0	Sand, some Gravel, little Silt	103	
	18.0	— 21.0	Organic Silt	5		60.0	— 80.0	Sand, some Gravel, some Silt, trace Clay	62	
	21.0	— 24.0	Silty Clay - Fill	8		80.0	— 105.0	Sand, some fine Gravel, some Clay, some Silt, Till	227*	
	24.0	— 36.5	Peaty organic Silt & Wood	3		105.0		*300 lb. Wt. Refusal		
	36.5	— 40.0	Medium yellow & blue Clay	10				Elev. Ex. Ground: 69.1'		
	40.0	— 57.0	Sandy blue Clay, little coarse Gravel	20				Depth Gr. Water: 47.0'		
	57.0	— 64.0	Fine Sand, little Clay & some coarse Gravel	65		1519 K6	0.0	— 0.5	Bituminous	53
	64.0	— 65.0	Boulders	Cored	0.5		— 30.0	Fill	8	
	65.0	— 81.0	Fine Sand, little Clay, some coarse Gravel & Boulders, Till	87	30.0		— 38.0	Sand, some Gravel, little Silt	146	
	81.0	— 85.0	Boulders	Cored	38.0		— 43.0	Sand, some Gravel, little Clay, some Silt	34	
	85.0	— 90.0	Rock, Shale	Cored				Elev. Ex. Ground: Not given		
		Elev. Ex. Ground: 14.7'					Depth Gr. Water: Not given			
		Depth Gr. Water: 9.0'								

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1526 F6	0.0	— 21.5	Fill	6	1530 F5	0.0	— 19.0	Fill	31	
	21.5	— 40.0	Organic Silt & Shells	3		19.0	— 38.0	Organic Silt & Shells	4	
	40.0	— 44.0	Silty Peat	8		38.0	— 47.0	Sandy organic Silt	1	
	44.0	— 70.0	Clay	6		47.0	— 53.0	Fine Sand & Clay	5	
	70.0	— 77.0	Fine Sand, trace fine Gravel	8		53.0	— 74.3	Clay, fine Sand lenses	4	
	77.0	— 133.0	Clay	5		74.3	— 78.0	Clay, little coarse Gravel	17	
	133.0	— 136.5	Sandy silty Clay	33		78.0	— 81.5	Fine Sand, little coarse Gravel	5	
	136.5	— 160.83	Shale	Cored		81.5	— 135.0	Clay, fine Sand lenses	5	
	Elev. Ex. Ground: 17.1'						Elev. Ex. Ground: 7.0'			
	Depth Gr. Water: 12.0'						Depth Gr. Water: 11.8'			
1527 F5	0.0	— 19.0	Misc. Fill	12	1531 F5	0.0	— 0.08	Bituminous	2	
	19.0	— 46.0	Organic Silt & Shells	2		0.08	— 13.0	Fill		
	46.0	— 52.0	Blue Clay, little medium Gravel	8		13.0	— 30.0	Organic Silt, trace Shells	1	
	52.0	— 119.6	Clay	4		30.0	— 105.0	Blue Clay, fine Sand lenses	3	
	119.6	— 123.0	Decomposed Rock	58		105.0	— 116.0	Sand, some fine Gravel, little Clay, Till	40	
	123.0	— 145.2	Rock, Slate	Cored		116.0	— 151.0	Rock, Argillite & soft Shale	Cored	
	Elev. Ex. Ground: 17.4'						Elev. Ex. Ground: 8.3'			
Depth Gr. Water: 13.3'					Depth Gr. Water: Not given					
1528 F5	0.0	— 22.0	Misc. Fill	10	1532 F5	0.0	— 0.08	Bituminous		
	22.0	— 39.5	Sandy organic Silt & Shells	1		0.08	— 15.0	Fill		
	39.5	— 44.0	Silty Peat	4		15.0	— 35.0	Soft organic Silt		
	44.0	— 80.0	Clay	2		35.0	— 99.0	Blue Clay, fine Sand seams, trace medium Gravel	3	
	80.0	— 124.5	Sandy Clay, some fine Gravel	11		99.0	— 117.0	Silty Sand, Rock or Boulder fragments	Dense	
	124.5	— 140.5	Clayey Sand, some Gravel	32		117.0	— 142.0	Rock, Shale or Argillite	Cored	
	140.5	— 146.0	Clayey Sand & Gravel	61		Elev. Ex. Ground: 9.0'				
	146.0	— 149.83	Soft Shale			Depth Gr. Water: Not given				
	Elev. Ex. Ground: 17.5'						Elev. Ex. Ground: 9.0'			
	Depth Gr. Water: 12.6'						Depth Gr. Water: Not given			
1529 F5	0.0	— 18.0	Fill	12	1533 F5	0.0	— 0.08	Bituminous		
	18.0	— 37.0	Sandy organic Silt, Shells	3		0.08	— 17.0	Fill	4	
	37.0	— 47.0	Sandy silty Peat	6		17.0	— 32.6	Organic silty Peat	1	
	47.0	— 54.0	Blue Clay, trace fine Gravel, Sand lenses	7		32.6	— 42.0	Sandy blue Clay	10	
	54.0	— 74.0	Clay	4		42.0	— 115.0	Blue Clay	4	
	74.0	— 83.0	Sand, some Gravel, little Silt & Clay	23		115.0	— 148.0	Rock, Argillite or Shale	Cored	
	83.0	— 119.0	Silty Clay	4		Elev. Ex. Ground: 9.1'				
	119.0	— 125.0	Clayey Sand & Gravel & Cobbles	28	Depth Gr. Water: Not given					
	125.0	— 128.0	Sandy Clay, some coarse Gravel Cobbles	60						
	128.0	— 132.0	Clayey Sand & Gravel							
			Boulders - Till	24						
	132.0	— 164.0	Boulders	Cored						
	Elev. Ex. Ground: 16.9'									
Depth Gr. Water: 11.83'										

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1534 F5	0.0	20.0	Misc. Fill	15	1539 F5	0.0	29.0	Fill	7
	20.0	34.0	Organic clayey Silt, some fine Sand	2		29.0	42.0	Organic Silt, little fine Sand & Shells	2
	34.0	39.0	Yellow blue Clay, fine Sand lenses	9		42.0	45.0	Organic silty Sand, little medium Gravel, trace Shells	4
	39.0	106.0	Blue Clay, fine Sand lenses	3		45.0	51.0	Yellow blue Clay, some Gravel, little Sand	10
	106.0	107.0	Decomposed Rock or Boulders	Cored		51.0	55.0	Yellow blue Clay, fine lenses	6
	107.0	109.0	Decomposed Rock	60		55.0	120.0	Blue Clay, fine Sand lenses	2
	109.0	136.0	Rock, Shale & Argillite	Cored		120.0	127.0	Sand, some fine Gravel & Clay, Till	72
Elev. Ex. Ground: 8.8'					Elev. Ex. Ground: 20.0'				
Depth Gr. Water: Not given					Depth Gr. Water: Not given				
1535 F5	0.0	20.0	Fill	10	1540 F5	0.0	0.5	Sandy Loam	3
	20.0	30.0	Organic Silt, Shells	2		0.5	20.0	Misc. Fill	30
	30.0	100.0	Sandy Clay	2		20.0	25.0	Organic Silt, some Sand, trace Shells	2
	100.0	105.0	Fine Sand, Silt, Clay & Rock fragments	52		25.0	38.0	Organic Silt	2
105.0	140.0	Rock, Argillite & Shale	Cored	38.0	42.0	Peat	3		
Elev. Ex. Ground: 8.5'					42.0	105.0	Blue Clay, fine Sand seams	2	
Depth Gr. Water: Not given					105.0	107.0	Blue Clay & Rock	Cored	
1536 F5	0.0	20.0	Fill	10	Elev. Ex. Ground: 14.4'				
	20.0	30.0	Peaty organic Silt & organic blue Clay	1	Depth Gr. Water: Not given				
	30.0	85.0	Silty blue Clay	3	1541 F5	0.0	22.0	Misc. Fill	14
	85.0	92.0	Fine Sand, some Gravel, fractured Argillite, Till	97		22.0	39.0	Organic Silt	4
92.0	107.0	Rock	Cored	39.0		47.5	Organic silty Clay, trace Peat & fine Sand	7	
Elev. Ex. Ground: 8.8'						47.5	70.0	Yellow Clay	4
Depth Gr. Water: Not given					70.0	90.0	Silty blue Clay, trace medium Gravel	2	
1537 F5	0.0	0.25	Bituminous		90.0	103.0	Blue Clay	2	
	0.25	30.0	Fill	8	103.0	105.5	Till & Rock fragments	74	
	30.0	40.0	Silty Peat	3	105.5	110.5	Rock	Cored	
	40.0	45.0	Silty blue Clay	8	Elev. Ex. Ground: 15.9'				
	45.0	120.0	Blue Clay, fine Sand lenses		Depth Gr. Water: Not given				
	120.0	125.0	Clayey Sand & Argillite	51	1542 F5	0.0	23.0	Misc. Fill	6
125.0	130.0	Boulders	Cored	23.0		40.0	Organic Silt	1	
130.0	150.0	Argillite	Cored	40.0		115.0	Blue Clay, some fine Sand lenses	3	
Elev. Ex. Ground: 18.7'						115.0	121.5	Sand, some Gravel, some Clay, Rock or Boulders, Till	29
Depth Gr. Water: Not given					121.5		Refusal		
1538 F5	0.0	25.0	Fill	5	Elev. Ex. Ground: 16.9'				
	25.0	30.0	Organic Silt, trace Shells	2	Depth Gr. Water: Not given				
	30.0	105.0	Blue Clay	2					
	105.0	119.0	Clayey Sand, Gravel, Till	26					
119.0	139.0	Rock, Shale	Cored						
Elev. Ex. Ground: 17.5'									
Depth Gr. Water: Not given									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1543 L4	0.0	13.0	Fill	18	1547 L4	0.0	12.0	Misc. Fill	12
	13.0	18.0	Hard sandy yellow Clay	21		12.0	19.0	Medium silty blue Clay	4
	18.0	30.0	Fine Sand, trace Clay	19		19.0	23.0	Yellow blue Clay	14
	30.0	39.0	Sandy Clay, Shale fragments	50		23.0	32.0	Yellow Clay, little fine Sand & Gravel	13
	39.0	61.0	Argillite	75		32.0	41.5	Fine Sand, Silt, some Gravel, Till	71
	61.0	72.0	Rock	Cored		41.5		Refusal	
Elev. Ex. Ground: 24.4'					Elev. Ex. Ground: 17.4'				
Depth Gr. Water: 16.5'					Depth Gr. Water: 9.8'				
1544 L4	0.0	9.0	Misc. Fill	8	1548 L4	0.0	10.0	Fill	7
	9.0	17.0	Sandy yellow Clay	11		10.0	14.0	Organic silty Sand, Gravel	8
	17.0	27.5	Sandy Clay, trace Gravel	14		14.0	32.0	Organic Silt, trace Shells & Peat	1
	27.5	36.5	Sand, some Boulders	15		32.0	40.0	Yellow blue Clay, little fine Sand	10
	36.5	44.0	Fine Sand, Clay, some Gravel & Shale	24		40.0	45.0	Medium blue Clay, trace fine Gravel	9
	44.0	46.0	Soft Argillite	53		45.0	54.0	Sandy Clay & Shale	18
46.0	56.0	Rock	Cored	54.0	56.0	Sandy Clay, little fine Gravel	87		
Elev. Ex. Ground: 25.4'					Elev. Ex. Ground: 16.0'				
Depth Gr. Water: 16.6'					Depth Gr. Water: 12.4'				
1545 L4	0.0	10.0	Fill	9	1549 L4	0.0	15.0	Fill	4
	10.0	11.5	Organic silty Sand	3		15.0	31.0	Organic Silt	2
	11.5	20.0	Blue silty Clay, Gravel	17		31.0	35.0	Not described	15
	20.0	25.0	Yellow Clay, fine Sand stratum	14		35.0	46.8	Yellow Clay	8
	25.0	29.0	Fine Sand & Clay	7		46.8	56.5	Clay, fractured Argillite	37
	29.0	43.0	Sandy blue Clay, some coarse Gravel, Shale, Till	14		56.5	57.0	Rock, Argillite, Shale *300 lb. Wt.	64*
43.0	62.7	Fractured Argillite	Cored	57.0		Refusal			
Elev. Ex. Ground: 21.5'					Elev. Ex. Ground: 16.7'				
Depth Gr. Water: 15.0'					Depth Gr. Water: 12'				
1546 L4	0.0	13.0	Misc. Fill	22	1550 K7	0.0	13.0	Fill	11
	13.0	18.0	Yellow blue silty Clay, some Shale	18		13.0	15.0	Yellow Clay	10
	18.0	23.0	Yellow Clay, little fine Sand & Gravel	14		15.0	42.0	Medium blue Clay	
	23.0	38.0	Sandy Clay, fractured Shale	14		42.0	82.5	Sand, Gravel, Clay, Boulders	20
	38.0	43.0	Fine Sand, Silt, Clay & Shale, Till	12		82.5	87.5	Rock, Shale	Cored
	43.0	44.0	Shale	105		Elev. Ex. Ground: 20.88'			
44.0	54.0	Rock	Cored	Depth Gr. Water: 20.0'					
Elev. Ex. Ground: 20.5'					1551 K7	0.0	0.67	Cobbles	
Depth Gr. Water: 11.2'						0.67	30.0	Misc. Fill	3
				30.0		33.0	Yellow Clay	10	
				33.0		47.0	Medium blue Clay	3	
				47.0		50.0	Medium Sand, little Clay	8	
				50.0		80.0	Sand, Gravel, Boulders	60	
				80.0	90.0	Rock	Cored		
Elev. Ex. Ground: 20.5'					Elev. Ex. Ground: 19.03'				
Depth Gr. Water: 11.2'					Depth Gr. Water: 9'				

BOSTON PENINSULA

No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and lo- cation	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1552 K7	0.0	10.0	Pavement & Fill	3	1558 C8	0.0	12.0	Misc. Fill	24
	10.0	15.0	Yellow Clay	7		12.0	19.0	Organic Silt, & fibrous Peat	4
	15.0	45.0	Medium blue Clay	3		19.0	22.0	Blue Clay, little yellow Clay	21
	45.0	52.0	Medium Sand	21		22.0	33.0	Yellow Clay, trace Silt & fine Gravel	24
	52.0	58.0	Medium Sand & Gravel Refusal	30		33.0	103.0	Medium blue Clay	7
	Elev. Ex. Ground: 19.76'				103.0	107.0	Not described		
	Depth Gr. Water: 7'				107.0	117.0	Decayed Shale, trace Clay & Silt	53	
1553 K7	0.0	9.0	Fill	8	Elev. Ex. Ground: Surface				
	9.0	14.0	Medium yellow Clay	6	Depth Gr. Water: 11.83'				
	14.0	44.0	Medium blue Clay	5	1559 C8	0.0	1.0	Concrete	
	44.0	56.25	Medium Sand & Gravel & Clay Refusal	36		1.0	13.0	Misc. Fill	17
	56.25					13.0	19.0	Organic Silt & fibrous Peat	4
Elev. Ex. Ground: 22.33'				19.0	33.0	Yellow Clay, stratum Silt & blue Clay	16		
Depth Gr. Water: Not given				33.0	103.0	Medium blue Clay	4		
1554 K8	0.0	14.0	Misc. Fill		103.0	108.0	Till		
	14.0	16.0	Yellow Clay, Sand		108.0	135.0	Sharp decayed Shale, little Silt, trace Clay, Refusal	89	
	16.0	37.0	Blue Clay, Sand	5			Rock	Cored	
	37.0	38.0	Boulders	Cored	Elev. Ex. Ground: Surface				
	38.0	70.0	Sand, Gravel, Boulders Refusal	30	Depth Gr. Water: 12'				
Elev. Ex. Ground: Not given				1560 K8	0.0	9.0	Misc. Fill & Concrete Sidewalk		
Depth Gr. Water: 20'					9.0	18.0	Oxidized Till	41	
1555 K8	0.0	10.0	Misc. Fill			18.0	37.0	Fill	18
	10.0	14.0	Medium yellow Sand		5	37.0	60.0	Till	39
	14.0	39.0	Blue Clay, Sand	7	Elev. Ex. Ground: 24.59'				
	39.0	74.0	Sand, Gravel, Boulders	40	Depth Gr. Water: Not given				
Elev. Ex. Ground: Not given				1561 K8	0.0	7.0	Fill	14	
Depth Gr. Water: 22.0'					7.0	18.0	Yellow Clay & some fine Sand & Silt	21	
1556 K7	0.0	10.0	Misc. Fill & Concrete		10	18.0	60.0	Till & fine Sand	54
	10.0	16.0	Yellow Clay, Sand		9	Elev. Ex. Ground: 23.71'			
	16.0	43.0	Blue Clay, Sand	4	Depth Gr. Water: 19'				
	43.0	70.83	Sand, Gravel, Boulders, Clay Refusal	20	1562 K8	0.0	0.5	Asphalt	
70.83				0.5		7.0	Fill	10	
Elev. Ex. Ground: Not given				7.0		13.0	Sand, some Clay & Gravel	22	
Depth Gr. Water: 22'				13.0		44.0	Sand, Gravel, Clay, trace Boulders	25	
1557 D8	0.0	12.5	Misc. Fill	21	44.0	70.0	Sand & Gravel, trace Clay & Boulders	60	
	12.5	20.5	Stratum organic Silt & fibrous Peat	4	Elev. Ex. Ground: 26.2'				
	20.5	22.0	Blue Clay	7	Depth Gr. Water: 22'				
	22.0	103.0	Medium blue Clay	5					
	103.0	108.0	Not described						
	108.0	120.3	Sharp decayed Shale, trace Clay & Silt	63					
	120.3		Refusal						
120.3	132.0	Rock	Cored						
Elev. Ex. Ground: Surface									
Depth Gr. Water: 11.6'									

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	
	From	To				From	To			
1571 H9	0.0	12.5	Misc. Fill	27	1576 K8	0.0	12.0	Fill	8	
	12.5	30.0	Organic Silt	6		12.0	15.0	Clay, trace fine Sand	12	
	30.0	35.0	Yellow Clay	14		15.0	47.0	Medium Clay, Gravel, trace Boulders & fine Sand	21	
Elev. Ex. Ground:			Surface		47.0			91.5	21	
Depth Gr. Water:			12.0' (Tide)		91.5			106.5	74	
1572 G9	0.0	18.0	Misc. Fill	14	1577 E4	0.0	8.5	Fill	22	
	18.0	20.0	Organic Silt, trace Sand, Gravel	1		8.5	22.0	Silt, trace Shale	4	
	20.0	23.0	Fill	3		22.0	38.5	Medium Sand, trace fine Gravel	22	
	23.0	26.0	Organic Silt, trace Shells, Gravel	4		38.5	41.5	Yellow Clay	9	
	26.0	28.0	Medium blue Clay, veins fine Sand	6		41.5	147.0	Blue Clay		
	28.0	32.0	Yellow Clay, trace fine Sand	22		147.0	161.5	Sand, Shale, Gravel, some Boulders	77	
	32.0	34.5	Fine Sand, little Clay	16		161.5	171.5	Rock	Cored	
Elev. Ex. Ground:			Surface		Elev. Ex. Ground:			12.21'		
Depth Gr. Water:			9.0' (Tide)		Depth Gr. Water:			5.0'		
1573 G8	0.0	4.0	Fill	10	1578 E4	0.0	13.0	Fill	12	
	4.0	6.5	Silt, Sand	5		13.0	20.5	Silt, trace Shells	3	
	6.5	9.0	Silt & Shells	1		20.5	39.5	Sand, some fine Gravel	15	
	9.0	15.5	Inorganic Silt	2		39.5	138.0	Soft blue Clay		
	15.5	20.0	Yellow Clay	20		138.0	155.0	Till & Shale	80	
	20.0	28.0	Sandy yellow Clay	9		155.0	165.0	Rock	Cored	
	28.0	82.5	Blue Clay	8		Elev. Ex. Ground:			11.75'	
	82.5	91.3	Fine silty Sand	18		Depth Gr. Water:			11.5'	
	91.3	91.8	Sandy Clay & some fine Gravel			1579 E4	0.0	13.0	Fill	15
	91.8	96.8	Shale	Cored			13.0	22.0	Silt, trace Shells	3
Elev. Ex. Ground:			Surface	22.0	39.5		Medium Sand, trace fine Gravel	21		
Depth Gr. Water:			11.0'	39.5	41.5		Yellow Clay	8		
1574 G8	0.0	8.0	Fill	13	41.5		140.0	Blue Clay	3	
	8.0	16.0	Yellow Clay	18	140.0		150.0	Till, trace Shale, Boulders, Sand	150	
	16.0	69.5	Blue Clay	6	150.0		160.0	Rock	Cored	
	69.5	74.5	Shale	Cored	Elev. Ex. Ground:			12.75'		
Elev. Ex. Ground:			Surface	Depth Gr. Water:			10.0'			
Depth Gr. Water:			13.0'	1575 K8	0.0		0.17	Asphalt		
1575 K8	0.0	0.17	Asphalt			0.17	9.5	Fill	4	
	0.17	9.5	Fill		4	9.5	15.5	Yellow Clay	17	
	9.5	15.5	Yellow Clay		17	15.5	18.5	Medium blue Clay, trace Sand	5	
	15.5	18.5	Medium blue Clay, trace Sand		5	18.5	28.0	Fine Sand, Gravel, little Clay	20	
	18.5	28.0	Fine Sand, Gravel, little Clay		20	28.0	54.0	Fine Sand, Gravel, Clay, & Boulders	30	
	28.0	54.0	Fine Sand, Gravel, Clay, & Boulders		30	54.0	94.0	Clay, trace Sand, little Gravel, & Boulders	43	
	54.0	94.0	Clay, trace Sand, little Gravel, & Boulders		43	94.0	101.5	Rock	Cored	
	94.0	101.5	Rock		Cored	Elev. Ex. Ground:			24.4'	
	Elev. Ex. Ground:				24.4'	Depth Gr. Water:			18.5'	
	Depth Gr. Water:			18.5'	1580 E4	0.0	11.0	Fill	10	
1580 E4	0.0	11.0	Fill	10		11.0	19.5	Silt, trace Shells	3	
	11.0	19.5	Silt, trace Shells	3		19.5	37.0	Medium Sand, fine Gravel	14	
	19.5	37.0	Medium Sand, fine Gravel	14		37.0	145.0	Clay	6	
	37.0	145.0	Clay	6		14 .0	166.0	Sand, Gravel, trace Boulders & Clay		
	145.0	166.0	Sand, Gravel, trace Boulders & Clay			166.0	176.0	Rock	85	
	166.0	176.0	Rock	85		Elev. Ex. Ground:			11.35'	
	Elev. Ex. Ground:			11.35'		Depth Gr. Water:			11.0'	
	Depth Gr. Water:			11.0'						

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
1581 M6	0.0	— 10.0	Fill	1	1585 M5	0.0	— 17.0	Fill	7		
	10.0	— 39.0	Clay, trace Sand, some Gravel	13		17.0	— 30.0	Yellow Clay, trace Sand & trace Gravel	13		
	39.0	— 47.0	Clay, some fine Sand & Gravel	5		30.0	— 44.0	Blue Clay, fine Sand & little Clay	12		
	47.0	— 60.0	Sand & Gravel, some Silt & Clay, some Shale fragments & Boulders	24		44.0	— 65.0	Blue Clay, fine Sand & Gravel	20		
	60.0	— 90.0	Clay, some medium Sand & Gravel	13		65.0	— 74.0	Blue Clay & trace Sand & trace Gravel	11		
	90.0	— 99.0	Sand, Gravel & Shale fragments & Silt	75		74.0	— 78.5	Clay, fine Sand, Gravel & Boulders	48		
	99.0	— 100.0	Weathered Shale	49		78.5	— 79.0	Soft Shale, Rock	Cored		
	100.0	— 110.5	Rock	Cored		79.0	— 90.0	Rock			
	Elev. Ex. Ground: 21.59'						Elev. Ex. Ground: 19.80'				
Depth Gr. Water: 18.0'					Depth Gr. Water: 23.0'						
1582 M5	0.0	— 12.0	Fill	19	1586 L6	0.0	— 0.67	Concrete	Cored		
	12.0	— 23.0	Yellow Clay & Gravel	9		0.67	— 12.5	Space			
	23.0	— 30.0	Medium blue Clay	4		12.5	— 14.5	Wood, Concrete, Space, Granite			
	30.0	— 65.0	Medium blue Clay & Gravel	5		14.5	— 19.0	Yellow Clay			
	65.0	— 85.0	Sand & Gravel, trace Clay	52		19.0	— 27.0	Very stiff yellow Clay, Sand, Gravel, Shale			
	85.0	— 97.0	Rock	Cored		27.0	— 29.0	Yellow Clay, Gravel, Cobbles & Boulders			
Elev. Ex. Ground: 21.74'					Elev. Ex. Ground: Surface						
Depth Gr. Water: 6'					Depth Gr. Water: Not given						
1583 M5	0.0	— 10.0	Silt, Gravel, Sand & Clay	13	1587 L6	0.0	— 0.5	Sand, Wood	Cored		
	10.0	— 24.0	Yellow Clay, Sand & Gravel	17		0.5	— 11.33	Space			
	24.0	— 40.0	Medium blue Clay & some Gravel	8		11.33	— 12.0	Wood & Concrete			
	40.0	— 43.0	Sand & Gravel	38		12.0	— 21.0	Stiff yellow Clay			
	43.0	— 75.0	Medium blue Clay & veins Sand & Gravel	15		21.0	— 24.33	Yellow Clay, Sand & Gravel			
	75.0	— 86.0	Fine Sand, Gravel & Clay	20		24.33	— 28.0	Sand, little Gravel			
	86.0	— 97.5	Rock	Cored		28.0	— 34.0	Hard blue Clay			
	Elev. Ex. Ground: 21.58'						Elev. Ex. Ground: Surface				
Depth Gr. Water: 11.5'					Depth Gr. Water: Not given						
1584 M5	0.0	— 10.0	Fill	2	1587 L6	0.5	— 11.33	Space	Cored		
	10.0	— 15.0	Clay, trace organic Matter	10		11.33	— 12.0	Wood & Concrete			
	15.0	— 20.0	Sand, some Gravel, Silt, little Clay	67		12.0	— 21.0	Stiff yellow Clay			
	20.0	— 50.0	Clay, some medium Sand & large Gravel, trace Silt	10		21.0	— 24.33	Yellow Clay, Sand & Gravel			
	50.0	— 65.0	Sandy Clay, some medium Gravel, trace Silt, some Shale fragments	20		24.33	— 28.0	Sand, little Gravel			
	65.0	— 77.0	Clay	7		28.0	— 34.0	Hard blue Clay			
	77.0	— 83.0	Sand & Gravel, trace Sand, Clay, some large Shale fragments	100		34.0	— 43.5	Sand, Clay & some Gravel			
	83.0	— 93.0	Rock	Cored		43.5	— 49.0	Fine Sand			
	Elev. Ex. Ground: 20.32'						Elev. Ex. Ground: Surface				
	Depth Gr. Water: 18'						Depth Gr. Water: Not given				

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1588 M3	0.0	— 34.0	Fill	4	1594 K6	0.0	— 0.5	Hardtop & Stones	12
	34.0	— 44.0	Organic Silt	1		0.5	— 3.0	Fill	
	44.0	— 45.0	Wood	16		3.0	— 12.0	Fine Sand, little Gravel, trace Clay	
	45.0	— 52.0	Sand, little Gravel, trace Silt			12.0	— 33.0	Fine Sand, some Gravel, little Clay	
	52.0	— 54.0	Wood			Elev. Ex. Ground: 100.0' Depth Gr. Water: Not given			
	54.0	— 54.5	Cobbles	20					
	54.5	— 65.0	Sand, little fine Gravel, trace Silt						
	65.0	— 67.0	Rock	Cored	1595 K6	0.0	— 0.33	Concrete	55
	67.0	— 74.0	Silty fine Sand, little Gravel	77		0.33	— 1.5	Fill	
	74.0	— 75.5	Rock	Cored		1.5	— 14.5	Fine Sand, some Gravel, little Clay	
Elev. Ex. Ground:	11.35'			14.5			Refusal		
Depth Gr. Water:	17.7'			Elev. Ex. Ground:		89.0'			
1589 M3	0.0	— 45.0	Fill	6	Depth Gr. Water:	2.0'			
	45.0	— 48.0	Wood	28	1596 L6	0.0	— 8.0	Silt, fine Sand	5
	48.0	— 53.0	Sand & Gravel, trace Clay	26		8.0	— 18.0	Fine Sand & Clay	
	53.0	— 66.5	Sand, Gravel, trace Silt & Clay	Cored		18.0	— 21.0	Clay	
	66.5	— 75.0	Rock			21.0	— 24.0	Sand, Gravel, trace Silt	
Elev. Ex. Ground:	12.11'					24.0	— 26.0	Sand, trace coarse Sand & Silt	
Depth Gr. Water:	15.5'			26.0	— 30.0	Gravel, Sand, little Silt			
1590 M3	0.0	— 31.5	Misc. Fill	11	30.0	— 31.5	Clay, Sand, Clay, trace Silt & fine Gravel, Till	36	
	31.5		Refusal		31.5	— 41.5	Gravel, Silt, Sand, trace Gravel, trace Clay - Till		
	Elev. Ex. Ground:	11.60'			Elev. Ex. Ground:	-26'			
Depth Gr. Water:	11.0'			Depth Gr. Water:	Not given				
1591 E9	0.0	— 12.0	Organic Silt	0	1597 L6	0.0	— 4.0	Fill	2
	12.0	— 81.0	Blue Clay & layers fine Sand	4		4.0	— 8.0	Sand, Clay, little Silt, trace fine Gravel	
	81.0	— 106.0	Blue Clay	0		8.0	— 17.0	Gravel, Clay, trace fine Sand	
	106.0	— 107.0	Fine Sand, Gravel & Clay	52		17.0	— 23.0	Sand, trace fine Gravel & Sand	
	107.0	— 107.5	Fine Sand, Gravel & Clay	55		23.0	— 30.0	Gravel, Sand, trace Silt	
	107.5		Refusal			30.0	— 47.0	Sand, trace fine Gravel, trace Silt, trace coarse Sand	
Elev. Ex. Ground:	-13.8'			47.0	— 51.3	Gravel, Silt, Sand, trace Clay, Till			
Depth Gr. Water:	Not given			Elev. Ex. Ground:	-12.9'				
1592 E9	0.0	— 20.0	Silt	2	Depth Gr. Water:	Not given			
	20.0	— 26.0	Yellow Clay	14	1593 L6	0.0	— 14.5	No samples	76
	26.0	— 111.0	Blue Clay	3		14.5	— 15.0	Concrete	
	111.0	— 117.0	Coarse Sand, Gravel & Clay	35		15.0	— 24.0	Void	
	117.0	— 120.0	Coarse Sand, Gravel, Clay, & Boulders	55		24.0	— 25.0	Concrete	
	120.0		Refusal			25.0	— 32.0	Fine Sand, some Gravel, some Clay, Till	
	Elev. Ex. Ground:	-4.0'				Elev. Ex. Ground:	Surface		
Depth Gr. Water:	Not given			Depth Gr. Water:		24.0'			

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)		
	From	To				From	To				
1598 L2	0.0	— 2.0	Fine Sand, Top Soil, trace fine Gravel	3	1600 L1	0.0	— 12.0	Fill	8		
	2.0	— 7.0	Medium Sand, fine Gravel, Stones, trace Silt	24		12.0	— 17.0	Sand, little medium Gravel, trace Silt	3		
	7.0	— 10.0	Fine Sand, some Silt, little Gravel	18		17.0	— 21.5	Sand, little fine Gravel, Shells, trace Silt	3		
	10.0	— 12.0	Sand, little fine Gravel, trace Silt	10		21.5	— 30.0	Sand, fine Gravel, little Silt, trace Clay	4		
	12.0	— 17.0	Clay, little fine Sand, little Silt, little fine Gravel	2		30.0	— 48.0	Sand, fine Gravel, trace Silt	10		
	17.0	— 25.0	Sand & fine Gravel	7		48.0	— 52.0	Fine Sand, some fine Gravel, trace Silt	21		
	25.0	— 30.0	Clay, Gravel, trace Silt	1		52.0	— 56.5	Fine Sand, little Gravel, trace Sand & Clay	13		
	30.0	— 34.0	Coarse Sand, fine Gravel	23		56.5	— 80.0	Blue Clay	5		
	34.0	— 45.0	Sand, Gravel, trace Silt	6		80.0	— 95.0	Clay	6		
	45.0	— 53.0	Fine Sand & Silt, trace Gravel	16		95.0	— 99.0	Fine Sand & fine Gravel, trace Clay	39		
	53.0	— 97.0	Blue Clay	12		99.0	— 106.0	Fine Sand, little Silt	36		
	97.0	— 109.0	Sand & fine Gravel, little Clay	22		106.0	— 111.0	Fine Sand, some fine Gravel, little Silt	55		
	109.0	— 120.0	Fine Sand, trace Silt	83		111.0	— 120.0	Sand, some Gravel, little Silt	133		
	120.0	— 128.0	Fine Sand, Clay, little fine Gravel, trace Silt	140		120.0	— 125.0	Fine Sand, some Gravel, Till, little Silt in Clay Matrix	150		
	128.0	— 133.0	Rock, Argillite	Cored		125.0	— 133.5	Fine Sand & Slate	173		
	Elev. Ex. Ground: 122.7'						Elev. Ex. Ground: 122.0'				
	Depth Gr. Water: 29'						Depth Gr. Water: 30'				
1599 L1	0.0	— 2.0	Sand & Gravel, Top Soil	9	1601 L1	0.0	— 10.0	Misc. Fill	4		
	2.0	— 7.0	Fill	12		10.0	— 25.0	Sand, some Gravel, trace Silt	5		
	7.0	— 12.5	Sand, Gravel, little Silt	41		25.0	— 26.0	Sandstone	Cored		
	12.5	— 17.0	Fine Sand & Silt	4		26.0	— 40.25	Sand & Gravel, Trace Silt & Clay	3		
	17.0	— 23.0	Sand, fine Gravel, some Silt	4		40.25	— 46.5	Sand, Gravel, trace Clay	5		
	23.0	— 29.0	Silt, fine organic Sand, trace fine Gravel	1		46.5	— 57.0	Sand, little fine Gravel, little org. Silt	6		
	29.0	— 30.0	Boulders	Cored		57.0	— 80.0	Blue Clay	7		
	30.0	— 32.0	Silt, fine Sand, little fine Gravel	2		80.0	— 90.0	Sand, some Gravel, little Clay	6		
	32.0	— 50.0	Sand & fine Gravel, trace Silt	11		90.0	— 95.0	Fine Sand & Silt	6		
	50.0	— 53.0	Fine Sand, trace Silt	17		95.0	— 96.0	Fine Sand & Silt, trace fine Gravel	130		
	53.0	— 94.0	Blue Clay	6		96.0		Refusal			
	94.0	— 102.0	Fine Sand, trace Silt	42		Elev. Ex. Ground: 117.0'					
	102.0	— 131.0	Fine Sand, little Silt, little fine Gravel	110		Depth Gr. Water: Not given					
131.0	— 131.25	Rock, Argillite	Cored								
Elev. Ex. Ground: 122.8'											
Depth Gr. Water: 31'											

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1602 L1	0.0	— 2.0	Org. Silt	Pushed	0.0	— 8.5	Misc. Fill	10	
	2.0	— 4.0	Sand & Gravel little org. Silt		8.5	— 19.0	Org. Silt, some fine Sand	5	
	4.0	— 6.0	Sand, some org. Silt, trace Clay	2	19.0	— 22.0	Sand, trace Silt & fine Gravel	6	
	6.0	— 8.5	Yellow-blue Clay, little Sand	2	22.0	— 45.0	Sand, little fine Gravel & org. Silt	5	
	8.5	— 28.0	Org. Silt	4	45.0	— 50.0	Sand, little Gravel, trace org. Silt	4	
	28.0	— 34.0	Yellow Sand & Clay, trace Gravel	17	50.0	— 54.0	Sand, little org. silty Clay	3	
	34.0	— 37.0	Talc Rock & Clay	37	54.0	— 57.0	Sand, trace Gravel, org. Silt	3	
	37.0	— 44.0	Sand, some Gravel, trace Silt	35	57.0	— 80.0	Blue Clay	5	
	44.0	— 49.0	Sand & Gravel	53	80.0	— 81.6	Clay	5	
	49.0	— 66.5	Fine Sand, trace Silt, some Cobbles	20	81.6	— 87.0	Blue Clay & Gravel, little Sand	12	
	66.5	— 80.0	Sand, trace Gravel & Clay, Till	126	87.0	— 122.0	Fine Sand, trace fine Gravel, little Clay	100	
	80.0	— 85.0	Sand, trace Gravel & Clay	Cored	122.0	— 130.75	Rock, Shale	Cored	
	85.0	— 90.0	Rock						
Elev. Ex. Ground: 88.0'				Elev. Ex. Ground: 116.5'					
Depth Gr. Water: 20' of river				Depth Gr. Water: 6'					
1603 L1	0.0	— 0.5	Concrete	5	0.0	— 10.0	Fill	10	
	0.5	— 2.5	Sand, some Gravel		10.0	— 31.0	Peaty Org. Silt	3	
	2.5	— 6.5	Org. Silt, some Sand, trace fine Gravel	3	31.0	— 36.0	Medium yellow Clay	5	
	6.5	— 10.0	Sand & fine Gravel, some org. Silt	4	36.0	— 48.9	Sandy blue Clay & little fine Gravel, Till	23	
	10.0	— 19.0	Fine Gravel, little Sand, trace Shells	2	48.9	— 53.9	Rock	Cored	
	19.0	— 30.0	Sand, some fine Gravel, trace org. Silt	3	Elev. Ex. Ground: 16.4'				
	30.0	— 32.0	Org. Silt, some fine Sand	1	Depth Gr. Water: 8.0'				
	32.0	— 54.0	Sand	2	1606 L4	0.0	— 6.5	Fill	31
	54.0	— 68.0	Sand, trace Silt	6		6.5	— 27.4	Peaty Org. Silt	1
	68.0	— 71.5	Sand & Gravel, little Silt & Clay	125		27.4	— 34.0	Blue & yellow Clay	28
	71.5	— 113.5	Fine Sand, trace Silt	120		34.0	— 44.0	Sandy, gravelly blue Clay	7
	113.5	— 118.5	Rock	Cored		44.0	— 65.0	Medium Sand, some Gravel, little Clay	45
	Elev. Ex. Ground: 110.0'					65.0	— 66.0	Soft Rock	109
Depth Gr. Water: 4'				66.0		Refusal			
				Elev. Ex. Ground: 15.8'					
				Depth Gr. Water: 12.9'					
1607 L4	0.0	— 1.0	Concrete	Cored	0.0	— 1.0	Concrete	Cored	
	1.0	— 6.0	Fill		1.0	— 6.0	Fill	3	
	6.0	— 10.0	Medium yellow Clay	7	6.0	— 10.0	Medium yellow Clay	7	
	10.0	— 18.0	Sandy yellow Clay	20	10.0	— 18.0	Sandy yellow Clay	20	
	18.0	— 22.0	Sandy blue Clay	14	18.0	— 22.0	Sandy blue Clay	14	
	22.0	— 39.0	Fine Sand, little Clay, some fine Gravel, Till	64	22.0	— 39.0	Fine Sand, little Clay, some fine Gravel, Till	64	
	39.0	— 49.0	Rock	Cored	39.0	— 49.0	Rock	Cored	
Elev. Ex. Ground: 19.8'				Elev. Ex. Ground: 19.8'					
Depth Gr. Water: 6.0'				Depth Gr. Water: 6.0'					

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1608 L4	0.0	— 3.0	Fill	6	1613 M3	0.0	— 16.0	Misc. Fill	5
	3.0	— 13.0	Fill, Sand & Clay	28		16.0	— 21.0	Sand	3
	13.0	— 32.0	Medium Sand, trace Clay	22		21.0	— 26.0	Sand, trace Silt	5
	32.0	— 39.5	Blue Clay, trace Gravel, Sand	20		26.0	— 35.0	Org. Clay, Silt, some Gravel	2
	39.5	— 48.0	Fill Sand, Gravel, some Shale	82		35.0	— 45.0	Org. Clay, Silt, Wood	4
	48.0	— 59.0	Shale	41		45.0	— 49.0	Peaty org. Silt, Sand Stratum	8
	59.0	— 65.0	Shale, trace Sand	80		50.0	— 55.0	Yellow Clay	13
	65.0	— 66.0	Rock	Cored		55.0	— 66.0	Clayey Sand & Gravel	45
						66.0		Refusal	
		Elev. Ex. Ground:	29.2'				Elev. Ex. Ground:	Surface	
	Depth Gr. Water:	12.0'			Depth Gr. Water:	15.5'			
1609 L4	0.0	— 2.0	Fill	13	1614 M3	0.0	— 33.0	Misc. Fill	11
	2.0	— 40.0	Fine Sand, some Clay	30		33.0	— 49.0	Org. Silt, & Clay, Wood	15
	40.0	— 45.0	Medium blue Clay	12		49.0	— 57.0	Sand & Clay little Gravel & Wood	90
	45.0	— 50.5	Fine Sand, some Gravel, Boulders, trace Clay	51		57.0	— 67.5	Shale	340
	50.5		Refusal			67.5	— 80.0	Rock, Slate	Cored
	Elev. Ex. Ground:	30.4'			Elev. Ex. Ground:	17'			
	Depth Gr. Water:	16.0'			Depth Gr. Water:	6.3'			
1610 L4	0.0	— 7.5	Fill	34	1615 M3	0.0	— 29.0	Misc. Fill	15
	7.5	— 29.0	Fine Sand	24		29.0	— 44.0	Fine Sand, Clay, Org. Silt	10
	29.0	— 35.0	Sandy blue Clay	16		44.0	— 50.0	Sand	48
	35.0	— 46.0	Fine Sand	48		50.0	— 56.5	Sandy Clay, some Gravel & soft Shale	200
	46.0	— 59.0	Fine Sand, little Clay & little Gravel, Hard pan	61		56.5	— 70.5	Rock, slate	Cored
	59.0	— 68.5	Sandy gravelly blue Clay	28					
	68.5	— 75.0	Soft Rock	68			Elev. Ex. Ground:	17'	
	75.0	— 80.0	Rock	Cored			Depth Gr. Water:	6.0'	
	Elev. Ex. Ground:	39.6'							
	Depth Gr. Water:	21.0'							
1611 L4	0.0	— 14.5	Fill	19	1616 L6	0.0	— 0.33	Bituminous	
	14.5	— 18.0	Sandy yellow Clay	23		0.33	— 19.0	Fill	30
	18.0	— 35.0	Medium yellow Clay	15		19.0	— 21.0	Fine Sand	40
	35.0	— 45.0	Fine Sand	57		21.0	— 23.0	Sand & trace Clay	30
	45.0	— 61.0	Medium blue Clay & fine Sand stratum	10		23.0	— 33.0	Sand, some Gravel, little Clay	30
	61.0	— 69.3	Soft Rock	94		33.0	— 33.5	Fine Sand	33
	69.3		Refusal			33.5	— 41.0	Sand, Gravel	54
	Elev. Ex. Ground:	41.0'			41.0	— 44.0	Fine Sand, Clay & fine Gravel	40	
	Depth Gr. Water:	14.5'			44.0	— 81.0	Fine Sand, Clay, fine Gravel, Till	43	
1612 M3	0.0	— 20.0	Misc. Fill	8	81.0	— 92.5	Rock, Shale	Cored	
	20.0	— 21.0	Sand, trace Org. Silt	9					
	21.0	— 25.0	Sandy org. Silt, some Sand	2		Elev. Ex. Ground:	Surface		
	25.0	— 30.0	Sandy org. Silt, trace Brick	3		Depth Gr. Water:	40.5'		
	30.0	— 35.5	Org. Silt, trace fine Gravel & Clay	3	1617 L6	0.0	— 12.0	Misc. Fill	43
	35.5	— 40.0	Org. Silt & Clay, some fine Gravel	4		12.0	— 13.0	Concrete	Cored
	40.0	— 49.0	Peaty org. Clay - Silt, little Wood & fine Sand	4		13.0	— 14.0	Fine Sand	38
	49.0	— 51.5	Clayey Sand, some Gravel	19		14.0	— 17.0	Very fine Sand, trace Clay	29
						17.0	— 43.0	Sand, some Gravel	44
						43.0	— 56.0	Fine Sand, trace Silt	27
				56.0		— 56.5	Boulders	Cored	
				56.5		— 64.5	Fine Sand, Silt, little fine Gravel, Till	30	
	Elev. Ex. Ground:	Surface				Elev. Ex. Ground:	Surface		
	Depth Gr. Water:	16'			Depth Gr. Water:	43'			

BOSTON PENINSULA

No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)	No. and location	Depths		Formation	Penetr. Resist. (Bl/ft)
	From	To				From	To		
1618 19	0.0	— 0.5	Asphalt	15	1622 K9	0.0	— 3.0	Organic Silt	1
	0.5	— 19.0	Fill		3.0	— 14.5	Sandy organic Silt	1	
	19.0	— 28.0	Gravel, coarse Sand, Boulders, trace Wood		14.5	— 19.0	Fine Sand, some inorganic Silt	3	
	28.0	— 38.0	Organic Silt, trace Shells	3	19.0	— 28.0	Silty yellow Clay	7	
	38.0	— 45.0	Organic Silt, very fine Sand & Shells		28.0	— 34.0	Clay	2	
	45.0	— 49.0	Medium fine Sand, Gravel, Boulders, Clay	4	34.0	— 45.5	Sand	10	
	49.0	— 82.0	Clay		45.5	— 57.0	Silty Sand & Gravel, some fine Sand, Boulders	27	
	82.0	— 92.0	Fine silty Sand, Gravel, Boulders & Clay, Till	54	57.0	— 80.0	Silty Sand, Gravel & Clay, some Boulders	26	
	92.0		Refusal		80.0	— 86.5	Silty Clay, trace fine Gravel & very fine Sand	111	
	Elev. Ex. Ground: 17.31'					Elev. Ex. Ground: -2.51'			
Depth Gr. Water: Tide					Depth Gr. Water: Tide				
1619 19	0.0	— 11.5	Organic Silt	Pushed	1623 K9	0.0	— 17.0	Soft organic Silt	1
	11.5	— 28.0	Sandy organic Silt, trace Shells		17.0	— 41.0	Clay		
	28.0	— 32.0	Medium sandy silty Clay, trace Gravel	6	41.0	— 62.0	Fine Sand, inorganic Silt & Clay, some fine Gravel, Boulders	31	
	32.0	— 76.0	Silty Clay		48	62.0	— 72.0	Rock	Cored
	76.0	— 96.0	Clay	Cored		Elev. Ex. Ground: -3.35'			
	96.0	— 113.0	Shale		Depth Gr. Water: 6.25'				
Elev. Ex. Ground: 1.04'									
Depth Gr. Water: 4.5'									
1620 J9	0.0	— 7.0	Soft sandy organic Silt	2					
	7.0	— 10.0	Loose Sand & organic Silt, some Shells						
	10.0	— 15.0	Soft organic Silt, fine Sand, Shells	4					
	15.0	— 18.0	Sandy organic Silt						
	18.0	— 21.0	Medium inorganic Silt, some Clay	8					
	21.0	— 32.0	Silty yellow Clay						
	32.0	— 48.0	Clay, trace very fine Sand	3					
	48.0	— 60.0	Silty Sand & Gravel, some coarse Sand & Clay, Boulders						
	60.0	— 70.0	Silty Clay, some fine Gravel, Boulders	10					
	70.0	— 106.0	Silty, gravelly Clay		77				
106.0	— 116.0	Rock	Cored						
Elev. Ex. Ground: -2.43'									
Depth Gr. Water: 8.0'									
1621 J9	0.0	— 2.0	Fill						
	2.0		Refusal						
Elev. Ex. Ground: 17.0'									
Depth Gr. Water: Tide									

CONTRIBUTIONS TO BORING DATA

- Aberthaw Construction Company, 60 State Street, Boston, Mass.
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