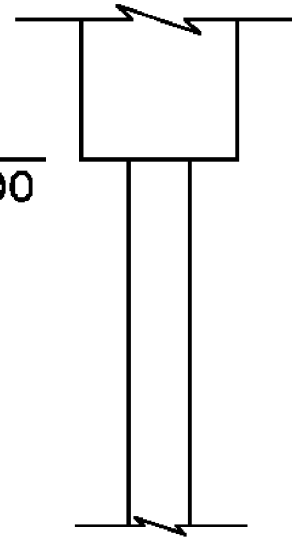


BOTTOM OF PIER
NO. 2 ELEV. 682.00



BORING LOG		Boring No.: B-202								
Project Name		Page No.: 1 of 6								
Mount Vernon Street Bridge (BHI)		File No.: 0750-005.8								
Newport, Vermont		Checked By: JWK								
Boring Company: VTRANS		Casing: HW SS								
Foreman: Glen Porter		Date: 4/14/08								
GeoDesign Rep.: Ray Underwood		Date: 4/17/2008								
Date Started: April 14, 2008		Date Finished: April 17, 2008								
N. Coordinate: 880.9		E. Coordinate: 417708								
Ground Surface Elevation (ft.): 880.9		Rig Type: CME 55								
Station: 14+11		Offset: 8.0 ft North								
Sample Information										
Depth (ft)	Casing Blowcount Number	Blows / 6 inch Interval				Penetration (inches)	Recovery (inches)	Depth (ft)	Classification System	Sample Description
		0-6	6-12	12-18	18-24					
0										Water
5										
10										
15										
20										Soft Lake Sediment
25										
30										
Drilled from bridge deck at approximate El. 690.7 ft. Lake surface at approximately El. 680.9 ft. and mudline at approximately El. 660.7 ft.										
Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual. 2) Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After casing, NR = Not Recorded. 3) Abbreviations: A = Auger, C = Core, D = Drive, G = Grab, FS = Piston Sample, SS = Split Spoon, SSL = 3.5 inch ID Split Spoon, ST = Shelby Tube, V = Vane WOR/E = Weight of Rock/Element 4) Proportions Used: Trace = 1-10%, Lite = 10-20%, Some = 20-35%, And = 35-50%										
										Boring No.: B-202

P - 2

BORING LOG		Boring No.: B-202								
Project Name		Page No.: 2 of 6								
Mount Vernon Street Bridge (BHI)		File No.: 0750-005.8								
Newport, Vermont		Checked By: JWK								
Boring Company: VTRANS		Casing: HW SS								
Foreman: Glen Porter		Date: 4/14/08								
GeoDesign Rep.: Ray Underwood		Date: 4/17/2008								
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Station: 14+11		Offset: 8.0 ft North								
Sample Information										
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		0-6	6-12	12-18	18-24					
0										Soft Lake Sediment (Continuous)
5										
10										
15										
20										
25										
30										
35										
40										
45										
50	1	SS	24	7	90.0	6	6	8	6	60.0 Sand 60.0
52	2	SS	32	0	92.0	6	3	5	6	No recovery
54	3	SS	22	12	91.0	6	7	10	11	54.0 SILT 62.5
56	4	SS	24	6	96.0	3	3	3	4	56.0 Sand 62.9
58	5	SS	24	4	96.0	3	3	5	6	58.0 Sand 62.9
60										
Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual. 2) Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After casing, NR = Not Recorded. 3) Abbreviations: A = Auger, C = Core, D = Drive, G = Grab, FS = Piston Sample, SS = Split Spoon, SSL = 3.5 inch ID Split Spoon, ST = Shelby Tube, V = Vane WOR/E = Weight of Rock/Element 4) Proportions Used: Trace = 1-10%, Lite = 10-20%, Some = 20-35%, And = 35-50%										
										Boring No.: B-202

BORING LOG		Boring No.: B-202								
Project Name		Page No.: 3 of 6								
Mount Vernon Street Bridge (BHI)		File No.: 0750-005.8								
Newport, Vermont		Checked By: JWK								
Boring Company: VTRANS		Casing: HW SS								
Foreman: Glen Porter		Date: 4/14/08								
GeoDesign Rep.: Ray Underwood		Date: 4/17/2008								
Date Started: Apr 14, 2008		Date Finished: April 17, 2008								
N. Coordinate: 880.9		E. Coordinate: 417708								
Ground Surface Elevation (ft.): 880.9		Rig Type: CME 55								
Station: 14+11		Offset: 8.0 ft North								
Sample Information										
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		0-6	6-12	12-18	18-24					
0										Water
5										
10										
15										
20										
25										
30										
35										
40										
45										
50	6	SS	24	11	80.0	5	7	9	10	50.0 Sand (Continuous)
52	7	SS	24	19	82.0	1	3	3	2	52.0 SILT 61.5
54	6	SS	24	16	84.0	WCR	2	1	2	54.0 SILT 61.5
56	9	SS	24	13	69.0	1	4	4	2	56.0 SILT 61.5
58	10	SS	24	7	74.0	6	5	5	3	58.0 SILT 61.5
60	11	SS	24	12	79.0	5	11	10	8	60.0 SILT 61.5
62	2	SS	24	5	84.0	5	4	5	6	62.0 SILT 61.5
64	13	SS	24	4	89.0	7	8	6	6	64.0 SILT 61.5
Remarks: No sampling performed through soft lake sediments. Install casing to 50 feet below lake or 81 feet below road surface on bridge deck before encountering resistance. Begin sampling 61 feet below bridge deck or 60 feet below lake surface.										
Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual. 2) Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After casing, NR = Not Recorded. 3) Abbreviations: A = Auger, C = Core, D = Drive, G = Grab, FS = Piston Sample, SS = Split Spoon, SSL = 3.5 inch ID Split Spoon, ST = Shelby Tube, V = Vane WOR/E = Weight of Rock/Element 4) Proportions Used: Trace = 1-10%, Lite = 10-20%, Some = 20-35%, And = 35-50%										
										Boring No.: B-202

PROJECT NAME: NEWPORT CITY
 PROJECT NUMBER: BRO 1449(25)
 FILE NAME: 96J314/str/96J314bor.dgn PLOT DATE: 22-NOV-2011
 PROJECT LEADER: C. CARLSON DRAWN BY: J. TOUCHETTE
 DESIGNED BY: C. BENDA CHECKED BY: C. BENDA
 BORING LOG 7 SHEET 26 OF 75