

BOTTOM OF PIER NO. 1,
ELEVATION 682.00

GEO DESIGN INCORPORATED <small>Geotechnical Engineers and Environmental Consultants</small> 984 Southford Road Middlebury, Connecticut 06762 Telephone: 203-758-8836 Fax: 203-758-8842		BORING LOG		Boring No.: B-203		
Project Name: Mount Vernon Street Bridge (BHI)		Page No.: 1 of 6		File No.: 0750-005.6		
Location: Newport, Vermont		Checked By: JWK				
Boring Company: VTRANS		Casing: HW		Sampler: SS		
Foreman: Glen Porter		Type: HW		Date: 4/14/08		
GeoDesign Rep: Ray Underwood		LD: 4.0 in. / 1.38 in.		Depth (ft): 0.0		
Date Started: April 9, 2008		Date Finished: April 14, 2008		Notes: Lake Surface		
N. Coordinate: 880.7		E. Coordinate: 880.7		Notes: Lake Surface		
Ground Surface Elevation (feet): 880.7		Rig Type: CME 55		Notes: Lake Surface		
Station: 12+62		Offset: 6.0 ft North		Notes: Lake Surface		
Sample Information				Strata Description		
Depth (ft)	Casing Blowoff Number	Type	Penetration (blows/feet)	Blows / 6 inch Interval		
				0-6	6-12	12-18
				Depth & Elevation (feet)		
				Symbol		
				Classification System: Birmister		
				Water		
				21.5 Organic Silty Clay with Shells		
Drilled from bridge deck at approximately El. 680.7 feet. Lake surface at approximately El. 880.9 feet and mudline at approximately El. 659.2 ft. No sampling performed through soft lake sediments.						
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, PS = Packer Sample, SS = Split Spoon, SSL = 3.5 inch ID Split Spoon, ST = Shelby Tube, V = Vane, WOH = Weight of Rod/hammer. 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%.						
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				Symbol		
				Classification System: Birmister		
				Organic Silty Clay with Shells (Continued)		
				M1.0 Sand & Gravel		
				Dense, dark gray fine to coarse SAND and fine to coarse GRAVEL, little Silt, (wet)		
				Medium dense, dark gray fine to coarse SAND and fine Gravel, trace Silt, (wet)		
				No recovery		
				Loose, gray medium to coarse SAND, little fine Gravel, trace Silt, (wet)		
				Dense, dark gray fine GRAVEL and fine to coarse SAND, trace Silt, (wet)		
				Medium dense, dark gray fine to coarse SAND and fine to coarse GRAVEL, trace Silt, (wet)		
				Medium dense, gray SILT and fine to coarse SAND, little fine Gravel, (wet)		
				Medium dense, gray fine to coarse SAND and fine to coarse GRAVEL, trace Silt, (wet)		
Remarks: Inferred cobbles and boulders from 62 to 85 feet.						
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, PS = Packer Sample, SS = Split Spoon, SSL = 3.5 inch ID Split Spoon, ST = Shelby Tube, V = Vane, WOH = Weight of Rod/hammer. 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%.						
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				Depth & Elevation (feet)		
				Symbol		
				Classification System: Birmister		
				Sand & Gravel (Continued)		
				61.0 Silty		
				Very dense, gray fine to coarse SAND, some fine to coarse Gravel, trace Silt, (wet)		
				Medium dense, gray fine to coarse GRAVEL and fine to coarse SAND, trace Silt, (wet)		
				63.7 Silty		
				Medium dense, gray SILT, trace fine Sand, (wet)		
				Dense, gray SILT, (wet)		
				Medium dense, gray SILT, trace fine Sand, (wet)		
				Medium dense, gray SILT, trace fine to medium Sand, (wet)		
Remarks: Inferred cobbles and boulders from 62 to 85 feet.						
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PROJECT NAME: NEWPORT CITY
PROJECT NUMBER: BRO 1449(25)
FILE NAME: 96J314/str/96J314bor.dgn
PROJECT LEADER: C. CARLSON
DESIGNED BY: C. BENDA
BORING LOG 9

PLOT DATE: 22-NOV-2011
DRAWN BY: J. TOUCHETTE
CHECKED BY: C. BENDA
SHEET 28 OF 75