GEODESIGN INCORPORATED
Geotechnical Engineers and Environmental Consultants
984 Southford Road
Middlebury, Connecticut 06762
Telephone: 203-758-8825 Fax: 203-758-8842

BORING LOG

Project Name: Mount Vernon Street Bridge (BHI)
Newport, Vermont

Boring No.: B-202
Page No.: 4 of 8
File No.: 0750-005.6
Checked By: JWK

Boring Company: VTRANS
Foreman: Glen Porter
GeoDesign Rep.: Ray Underwood
Date Started: April 14, 2006 Date Finished: April 17, 2006
N. Coordinate: E. Coordinate:
Ground Surface Elevation (feet): 680.9
Station: 14+10 Offset: 6.0 ft Nt

Casing: Type	Casing: I.D.	Sampler: Type	Sampler: I.D.	Sampler: Hammer Wt.	Sampler: Hammer Fall	Rig Type	Hammer Type
HW	4.0 in.	SS	1.38 in.	N/A	30 in.	CME 55	Auto

Groundwater Observations: Date	Depth (ft)	Elev. (ft)	Notes
4/14/06	0.0	680.9	Lake Surface
4/17/06	0.0	680.9	Lake Surface

Sample Information: Depth (ft)	Casing Blowsft	Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval: 0 - 6	6 - 12	12 - 18	18 - 24	Casing Time (min./ft)	Moisture Content (%)	Strata Description: Depth & Elevation(feet)	Symbol	Sample Description: Classification System: Burmister
													Silt (Continued)		trace fine Gravel, (wet)
95		14	SS	24	13	94.0	3	3	4	4					Loose, gray SILT, some fine Sand, (wet)
100		15	SS	24	13	99.0	2	5	7	9					Medium dense, dark gray SILT, little fine to coarse Sand, trace fine Gravel, (wet)
													102.0 Glacial Till 578.9		
105		16	SS	24	13	104.0	28	30	36	35					Very dense, gray fine to coarse SAND, some Silt, some fine to coarse Gravel, (moist)
110		17	SS	24	8	109.0	38	45	44	32					Very dense, gray SILT, some fine to coarse Sand, some fine to coarse Gravel, (moist)
115		18	SS	24	4	114.0	38	69	38	25					Very dense, gray fine to coarse SAND, some Silt, trace fine Gravel, (moist)
120		19	SS	21	12	119.0	20	17	41	50/3"					Very dense, gray fine to coarse SAND, some

Remarks: Top of glacial till inferred at approximately 102 feet due to increased drilling effort.

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 coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; D = Driven; G = Grab; PS = Piston Sampler; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

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ESTIMATED SHAFT TIP
ELEV. 547.00

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													Glacial Till (Continued)		Silt, little fine to coarse Gravel, (moist)
125		20	SS	13	12	124.0	38	44	50/5"						Very dense, gray fine to coarse SAND, some fine to coarse Gravel, some Silt, (moist)
130		21	SS	9	3	129.0	48	50/5"							Very dense, gray fine to coarse SAND, some Silt, little fine Gravel, (moist)
135		22	SS	9	2	134.0	48	50/5"							Very dense, gray fine to coarse SAND, some Silt, little fine Gravel, (moist)
140		23	SS	11	4	139.0	9	50/5"							Very dense, gray fine to coarse SAND, some Silt, some fine Gravel, (moist)
145		24	SS	22	14	144.0	20	35	80	50/4"					Very dense, gray fine to coarse SAND and SILT, little fine Gravel, (moist)
150		25	SS	10	8	149.0	33	/0/4"							Very dense, gray fine to coarse SAND, some

Remarks:

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													Glacial Till (Continued)		Silt, some fine to coarse Gravel, (moist)
165		26	SS	6	3	164.0	100/5"						165.0 Bottom of Exploration at 165.0 ft 526.9		Very dense, gray GRAVEL
170															
175															
180															

Remarks:

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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 8

PLOT DATE: 22-NOV-2011
DRAWN BY: J. TOUCHETTE
CHECKED BY: C. BENDA
SHEET 27 OF 75