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BORING LOG

Project Name

Route 125 Bridge
 RS 0174 (8)
 Middlebury, VT

Boring No.: B-1A

Page No.: 1 of 1

File No.: 750-04.1

Checked By: JEL

Boring Company: M & W Soils Engineering, Inc.
 Foreman: Myron Domingue
 GeoDesign Rep.: Jason Gaudette
 Date Started: June 30, 2003 Date Finished: June 30, 2003
 N. Coordinates: E. Coordinates:
 Ground Surface Elevation (feet): 530
 Station: 13+48.70 Offset: 18.2 ft RT

Type	Casing		Sampler		Groundwater Observations			
	None	SS			Date	Depth (ft)	Elev. (ft)	Notes
LD:	N/A in.	1.38 in.			6/30/03, 13:45			None
Hammer Wt.:	N/A	140 lbs						
Hammer Fall:	N/A	30 in.						
Rig Type:	B-47 Mobile Drill Track							
Other:								

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Casing Time (min./ft)				Moisture Content (%)	
							0 - 6	6 - 12	12 - 18	18 - 24						
		S1	SS	24	12	1	11	11	12	17			529.6	Bituminous CONCRETE		Classification System: Burmister
		S2	SS	24	4	3	17	15	18	24				SAND and GRAVEL FILL (with Cobbles and Boulders)		S1): Medium dense, light brown, fine to medium SAND, little Gravel, trace to little Silt, dry. S2): Medium dense, similar to S1, except darker brown, with coarse Sand and little Silt.
5		S3	SS	8	6	5.5	8	50/2"					6.2	Bottom of Exploration at 6.2 ft		S3): Very dense / refusal. Top 4": Similar to S1. Bottom 2": Similar to S2, except dark brown to black, moist. Piece of coarse Gravel in spoon tip.
10																
15																
20																
25																
30																

Remarks:
 1) Ground surface elevation estimated in the field by GeoDesign using a hand level.
 2) Coarse Gravel and Cobbles estimated during solid stem auger advance between 3' and 5.5' deep.
 3) Split spoon refusal on possible Cobble, Boulder, or Bedrock at 6' deep. Solid stem auger used to advance hole to 6.2' deep prior to refusal. Borehole location moved 2.5' north - see boring log B-1.

Notes:
 1) Stratification lines represent approximate boundary between material types, transitions may be gradal.
 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.
 A.C. = After casing N.L. = Not Recorded.
 3) Sample Type: Casing-Augers-C-Cores-B-Drivers-D-Grate-P5-Platform Samplers-SS-Split Barral Split Spoon-S1-Shelby Tube-Geo-Gad Probe-Y-Holes
 Wt./ft=Weight of Rod/Hammer
 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%.
 5) Stratification lines represent approximate boundary between material types, transitions may be gradal.

Boring No.: B-1A

RTE. 125 BRIDGE CONVERSION 750-03.10 (EDITED TO IMPERICAL).GPJ GEODESIGN STANDARD.GDT 12/17/09