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BORING LOG

Project Name

Route 125 Bridge
 RS 0174 (8)
 Middlebury, VT

Boring No.: B-4A

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File No.: 750-04.1

Checked By: JEL

Boring Company: M & W Soils Engineering, Inc.
 Foreman: Myron Domingue
 GeoDesign Rep.: Jason Gaudette
 Date Started: July 8, 2003 Date Finished: July 8, 2003
 N. Coordinates: _____ E. Coordinates: _____
 Ground Surface Elevation (feet): 538.6
 Station: 14+61.30 Offset: 15.2 ft RT

Type	Casing	Sampler	Groundwater Observations			
	S.S.A	N/A	Date	Depth (ft)	Elev. (ft)	Notes
LD:	4.0 in.	In.				
Hammer Wt.:	NA		7/8/03, 13:20			None
Hammer Fall:	NA					
Rig Type:	B-47 Mobile Drill Track					
Other:	108mm O.D. Flight Auger					

Depth (ft)	Casing Blows/ft	Sample Information								Casing Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description	
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval								
							0 - 6	6 - 12	12 - 18						18 - 24
												Bituminous CONCRETE		Classification System: Burmister	
												Silty SAND and GRAVEL			
5												Bottom of Exploration at 4.0 ft			
10															
15															
20															
25															
30															

Remarks:
 1) Ground surface elevation estimated in the field by GeoDesign using a hand level.
 2) 4.25" O.D. solid stem auger used to advance hole. Light to dark brown, fine to medium SAND, little Silt, little Gravel observed from auger cuttings at ground surface.
 3) Solid stem auger refusal at 4' deep on possible large boulder or bedrock. Moved 1.5' south and attempted boring B-7B.

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.
 A.C. = After casing N.L. = Not Recorded.
 3) Sample Type: Casing-Augers-C-Cores; B-Drivers; O-Grate; PS-Platton Samplers; SS-Split; Barrel Split; Spoon; SI-Shelby Tube; Geo-Gee Probe; Y-Hone
 Wt./ft = Weight of Rod/Hammer
 4) Proportion 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 gradual.

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

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