

GeoDesign, Inc. 44 Main Street Middlebury, Vermont 05759		Project Name ROUTE 125 BRIDGE BOOTH (8) MIDDLEBURY, VERMONT		Test Pit No.: TP-3 File No.: 150-0310 Date: 8/1/03	
Engineer: JASON GALDETTI	Contractor: MADRONSKI EXCAVATING	Operator: LINDY BOVEN	Model: EW170	Ground Elev.: +1157.5	
Weather: RAINY 60'S	Capacity: 4-1 C.Y. BUCKET	Reach: +1-23'	Time Started: 0945	Time Stopped: 1020	

Depth (ft)	Soil Description	Field Testing (PID)	Excavation Effort	Boulder Count Qty. Class	Remark No.
1'	+1-0.5' DARK BROWN TO SOIL LIGHT BROWN, FINE TO MEDIUM SAND, SOME SILT.	-	E		①
2'	+1-2' SAND, SOME SILT.	-	E		
3'	+1-0.5' DARK BROWN, FINE TO COARSE SAND AND GRAVEL (FILL).	-	E	Ax6	
4'	CEMENTED ASPHALT SLABS (UP TO 12" DIA) AND CONCRETE REBAR (UP TO 1.5" DIA).	-	M	Ax4	
5'	+1-5' ORANGE BROWN, FINE SAND	-	M	Bx4	
6'	+1-6.5' ORANGE BROWN, FINE SAND	-	E	Ax2	
7'	+1-8' SOME SILT, TR. GRAVEL	-	E		
8'					
9'	END OF EXPLORATION AT 6' (SIDENACK) TO 6.5' (CLASS) - NO BUCKET REFUSAL -				
10'					
11'					
12'					
13'					
14'					
15'					

Remarks: ① GROUND SURFACE ELEVATIONS ESTIMATED IN THE FIELD BY GEODESIGN.

Test Pit Plan	Boulder Count	Proportions Used	Abbreviations	Groundwater
5.0' x 5.05'	Size Range: 6-18" A, 18-36" B, >36" C Excavation Effort: E=Easy, M=Moderate, D=Difficult	Trace (Tr.) 0-10%, Little (Li.) 10-20%, Some (So.) 20-35%, And 35-50%	F-Fine, M-Medium, C-Coarse, F/M-Fine to Medium, F/C-Fine to Coarse, V-Very	Elapsed Time: NONE OBSERVED Depth: -

GeoDesign, Inc. 44 Main Street Middlebury, Vermont 05759		Project Name ROUTE 125 BRIDGE BOOTH (8) MIDDLEBURY, VERMONT		Test Pit No.: TP-9 File No.: 150-0310 Date: 8/1/03	
Engineer: JASON GALDETTI	Contractor: MADRONSKI EXCAVATING	Operator: LINDY BOVEN	Model: EW170	Ground Elev.: +1157.5	
Weather: RAINY 60'S	Capacity: 4-1 C.Y. BUCKET	Reach: +1-23'	Time Started: 0940	Time Stopped: 1010	

Depth (ft)	Soil Description	Field Testing (PID)	Excavation Effort	Boulder Count Qty. Class	Remark No.
1'	+1-0.5' LIGHT TO DARK BROWN, FINE TO MEDIUM SAND AND SILT, LITTLE GRAVEL (FILL).	-	E	Cx3	①
2'		-	E		
3'	+1-2.5' BLACK SAND AND GRAVEL (FILL) UP TO 6-10" PIECES	-	E	Ax2	
4'	+1-4.5' APPROX. BOTTOM OF FILL SOILS	-	E	Ax2	
5'	+1-7' BROWN, FINE TO COARSE SAND, SOME GRAVEL, TRACE SILT (POSSIBLY NATIVE SOILS)	-	M		
6'		-	M		
7'		-	D		
8'					
9'	END OF EXPLORATION AT 9' (ON PROBABLE BEDROCK) - BUCKET REFUSAL -				
10'					
11'					
12'					
13'					
14'					
15'					

Remarks: ① GROUND SURFACE ELEVATIONS ESTIMATED IN THE FIELD BY GEODESIGN.  
② LARGE BOULDERS (UP TO 4' DIA) REMOVED FROM EXISTING GRADED SURFACE PRIOR TO EXCAVATION. A TOTAL OF THREE BOULDERS WERE REMOVED.  
③ BEDROCK ESTIMATED AT 9' DEPTH BASED ON BUCKET REFUSAL AND NEARBY OUTCROPS.

Test Pit Plan	Boulder Count	Proportions Used	Abbreviations	Groundwater
4.0' x 4.05'	Size Range: 6-18" A, 18-36" B, >36" C Excavation Effort: E=Easy, M=Moderate, D=Difficult	Trace (Tr.) 0-10%, Little (Li.) 10-20%, Some (So.) 20-35%, And 35-50%	F-Fine, M-Medium, C-Coarse, F/M-Fine to Medium, F/C-Fine to Coarse, V-Very	Elapsed Time: NONE OBSERVED Depth: -

GeoDesign, Inc. 44 Main Street Middlebury, Vermont 05759		Project Name ROUTE 125 BRIDGE BOOTH (8) MIDDLEBURY, VERMONT		Test Pit No.: TP-5 File No.: 150-0310 Date: 8/1/03	
Engineer: JASON GALDETTI	Contractor: MADRONSKI EXCAVATING	Operator: LINDY BOVEN	Model: EW170	Ground Elev.: +1163.5	
Weather: RAINY 60'S	Capacity: 4-1 C.Y. BUCKET	Reach: +1-23'	Time Started: 0900	Time Stopped: 0930	

Depth (ft)	Soil Description	Field Testing (PID)	Excavation Effort	Boulder Count Qty. Class	Remark No.
1'	+1-1-1.5' DARK BROWN TO SOIL W/ ROOTS, GRAVEL AND GLASS SHARD	-	E		①
2'	+1-2' ORANGE BROWN, FINE TO MED. SAND, SOME GRAVEL, LITTLE SILT (WITH COBBLES AND BOULDERS)	-	E	Ax6	
3'		-	M	Bx9	
4'	END OF EXPLORATION AT 2' (WEST) AND 3' (EAST) - BUCKET REFUSAL ON PROBABLE BEDROCK -				
5'					
6'					
7'					
8'					
9'					
10'					
11'					
12'					
13'					
14'					
15'					

Remarks: ① GROUND SURFACE ELEVATIONS ESTIMATED IN THE FIELD BY GEODESIGN.

Test Pit Plan	Boulder Count	Proportions Used	Abbreviations	Groundwater
4.0' x 2.1'	Size Range: 6-18" A, 18-36" B, >36" C Excavation Effort: E=Easy, M=Moderate, D=Difficult	Trace (Tr.) 0-10%, Little (Li.) 10-20%, Some (So.) 20-35%, And 35-50%	F-Fine, M-Medium, C-Coarse, F/M-Fine to Medium, F/C-Fine to Coarse, V-Very	Elapsed Time: NONE OBSERVED Depth: -

PROJECT NAME: MIDDLEBURY  
PROJECT NUMBER: RS 0174(8)  
FILE NAME: 278f217borlog.dgn  
PROJECT LEADER: M.A. COLGAN  
DESIGNED BY: VTRANS  
BORING LOGS (7 OF 7)  
PLOT DATE: 8/27/2013  
DRAWN BY: B.J. MASSE  
CHECKED BY: G.S. GOODRICH  
SHEET 45 OF 104

