

BORING LOG									
Project Name <b>Lyndon BHF 0269 (10) Lyndon, VT</b>					Boring No.: <b>GB-3</b>				
P.O. Box 699 Windsor, VT 05089 Tel: (802) 674-2033					1233 Shelburne Road, Suite E-1 South Burlington, VT 05403 Tel: (802) 652-6140				
Boring Company: <b>M+W Soils Engineering</b>					Casing: <b>H.S.A.</b> Sampler: <b>SS</b>				
Foreman: <b>Mike Hitchcock</b>					Date and Time				
GeoDesign Rep.: <b>Andrew Elms</b>					Date and Time				
Date Started: <b>July 12, 2002</b> Date Finished: <b>July 12, 2002</b>					Date and Time				
N. Coordinate: _____ E. Coordinate: _____					Date and Time				
Ground Surface Elevation (meters): <b>215.49</b>					Date and Time				
Station: <b>#282</b> Offset: <b>13.00 m Right</b>					Date and Time				
Sample Information			Sample Description			Strata Description			
Depth (m)	Casing Blow(s)/1m	Blows / 0.15 m Interval	Classification System: <b>Burnister</b>	Symbol	Elevation & Depth (meters)	Notes			
						Notes			
0						Granular Fill			
1									
2	81	30	1.52	4 4 3 3	213.97	(S1): Loose, brown, fine to medium SAND, trace SILT, dry.			
3									
4	82	61	3.06	2 1 2 2	212.45	(S2): Very loose, dark brown, fine to coarse SAND, trace to little SILT, trace fine Gravel, wet.			
5									
6	83	61	4.67	4 8 4 4		(S3): Similar to S2, except medium dense.			
7									
8	84	88	6.10	4 3 2 3		(S4): Similar to S2, except loose.			
9									
10	84	85	7.63	3 3 4 7		(S5): Dense, brown, fine to coarse SAND, little fine Gravel, trace Silt, wet.			

Remarks: (0 m): Ground surface elevation is estimated from preliminary plan submission cross-sections based on locations tapped from existing features and plotted by GeoDesign. Elevations should be considered accurate only to the degree implied by the method used.  
(2.4-2.7 m): Observed higher drilling resistance through possible cobble/boulder.  
(7.6-7.8 m): Possible pushing cobble or piece of gravel during SS sampling.

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						Notes			
9	86	81	9.14	14 7 8 11		(S6): Medium dense, brown, fine to coarse SAND, little SILT, trace fine Gravel, wet.			
10									
11	87	89	10.07	13 10 10 11		(S7): Medium dense, brown, fine SAND, some Silt, wet.			
12									
13	88	88	12.19	64 20 20 31		(S8): Dense, brown, fine to coarse SAND, little fine Gravel, trace silt, wet.			
14									
15	89	88	13.72	11 20 14 13		(S9): Dense, gray, fine to coarse SAND, some fine to coarse Gravel, little Silt, wet.			
16									
17	810	88	15.24	6 24 42 45		(S10): Very dense, gray, fine to coarse SAND, little Silt, little fine Gravel, wet.			
18									
19	811	88	16.76	830, 102		(S11): Very dense, gray, fine to coarse SAND and fine to coarse GRAVEL, trace Silt, wet.			

Remarks: (18.3-20.4 m): Observed higher HSA drilling resistance.

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						Notes			
20	812	88	18.81	100 74		(S12): Very dense, gray, fine to coarse SAND, some fine Gravel, trace Silt, dry.			
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Remarks: (18.3-20.4 m): Observed higher HSA drilling resistance.

ESTIMATED PILE TIP ELEVATION AT ABUTMENT 2 = 196.26

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town Of	LYNDON	Bridge No.	2
Highway No.	VT 114	Log Sta.	
		Surv. Sta.	
VT 114 OVER PASSUMPSIC RIVER			
BORING LOGS & INFORMATION (3 OF 4)			
Designed By	GEODESIGN, INC.	Drawn By	B.J. MASSE
Checked By	M.A. COLGAN	Date	3/06
		Bridge Design Supervisor	M.A. COLGAN Date 3/06
PROJECT	LYNDON	PROJECT NO.	BRF 0269(10)
I.G.C. Info.			
Bridge Sheet No.	50544BOR	Sheet	22 of 72