

South Street Bridge Replacement SUBSURFACE LOG HOLE NUMBER B-201A										
PROJECT NUMBER: 22718.1000.32000 Page 1 of 3										
LOCATION: Bristol, Vermont										
CLIENT: VTrans										
CONTRACTOR: New Hampshire Boring, Inc.										
DRILLER: B. Thompson INSPECTOR: K. Owens										
START DATE and TIME: 3/18/2011 8:00:00 AM										
FINISH DATE and TIME: 3/22/2011 5:00:00 PM										
SURFACE ELEV: 490.80 (ft; Estimated) CHECKED BY: K. Adnams										
SAMP./CORE NUMBER	SAMP. ADV. LEN. (ft)	RECOVERY (%)	Blows Per 6" on Split Spoon Sampler	"N" Value or RQD% SAMPLE	DEPTH (ft)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (ft)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								490	B-201A offset from B-201 due to roller bit fragments remaining in B-201. Advance roller bit and casing to 25'.	
					2			488		
					4			486	Lab results are included for each sample. When insufficient sample mass was recovered for testing the description of the sample was based on field observations and denoted with " ** ".	
					6			484		
					8			482		
					10			480		
					12			478		
					14			476	Roller bit grinding 15.0'-17.0'.	
					16			474		
					18			472	Roller bit grinding 19.0'-19.3'. Roller bit grinding	

BOTTOM OF PILE CAP
ELEV. 479.00

SUBSURFACE LOG - BRIDGE REPLACEMENT LOGS.GPJ UPDATED: 8/9/11

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PROJECT NUMBER: 22718.1000.32000 Page 2 of 3										
SAMP./CORE NUMBER	SAMP. ADV. LEN. (ft)	RECOVERY (%)	Blows Per 6" on Split Spoon Sampler	"N" Value or RQD% SAMPLE	DEPTH (ft)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (ft)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
							(continued)	470	19.6'-20.3'.	
					22			468		
					24			466	Groundwater observations made during drilling may not represent static conditions. **Gravel: 23.7%, Sand: 54.4%, Fines: 21.9%.	
SS-1	2	0.4	9-11-24-12	35	26		f.c. SAND, Some Silt, little f.c. gravel, trace m.c. sand, light brown/gray, compact, moist (SM)	464	Roller bit grinding 27.0'-29.3'.	
					28			462		
SS-2	2	0.3	16-22-21-23	43	30		f.m.c. SAND, little silt, little f. gravel, brown, compact, wet (SM)	460	**Gravel: 44.5%, Sand: 39.5%, Fines: 16.0%.	
					32			458	End of 3/18/11 at 32.0'.	
					34			456		
SS-3	2	0.1	1-1-1-10	2	36		f.c. GRAVEL, trace silt, trace f.m.c. sand, brown/red, very loose, wet (GP)	454	Due to small recovery of sample SS-3 and high gravel content of sample, the 3" spoon was advanced after SS to obtain sample to determine in-situ material. **Gravel: 91.9%, Sand 3.9%, Fines: 4.2%.	
					38			452		
SS-4	0.8	0	40-100/4"	R	40		No recovery	450	Coarse gravel blocking shoe of sample SS-4. The 3" spoon was advanced after SS to obtain sample but no material was recovered. Hard roller bit 40.0'-41.0'. 4" FJC casing will not advance past 41.0'. Install 3" FJC casing.	
					42			448		
					44					

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PROJECT NAME: BRISTOL
 PROJECT NUMBER: BRO 1445(32)
 FILE NAME: s05J352Boring_logs.dgn PLOT DATE: 04-JUN-2013
 PROJECT LEADER: J. LACROIX DRAWN BY: R. PELLET
 DESIGNED BY: G. LAROCHE CHECKED BY: T. FILLBACH
 BORING LOG SHEET *2 SHEET 22 OF 66