

VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION			BORING NUMBER: BB-DMB-104A SHEET 1 of 3 DATE STARTED: 11/06/12 DATE COMPLETED: 11/07/12		
PROJECT NAME: CLD Dish Mill Brook Bridge SITE NAME: Burke, VT STATION: 26+24 OFFSET: 2.0 RT VTSPG: N 761622.00 ft E 1785222.00 ft				PROJECT NUMBER: 123-87446 SITE NUMBER: Burke BHF-0269(13) GROUND ELEVATION: 830.5 ft GROUNDWATER DEPTH: 9.1 ft 11/07/12 PROJECT PIN NUMBER:			
BORING CREW: DRILLER: W. Hoeckle LOGGER: N. Chinburg BORING RIG: Diedrich D-50 Track				BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL HAMMER TYPE: CHECKED BY:			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 6 IN (N VALUE)	M.C. (%)	AASHTO GRAVEL (%)	AASHTO SAND (%)	AASHTO FINES (%)
		0.0 ft. Note: Borehole advanced to depth of last sample interval at BB-DMB-104 before abandonment.					
2.5							
5.0							
7.5		8.0 ft - 8.5 ft, Cobble based on drill behavior					
10.0							
12.5		13.0 ft - 13.5 ft, Wood chips in water return					
15.0		14.0 ft - 16.0 ft, A-1-B, SaGr, gray, Saturated, Rec. = 0.33 ft	NA (36)				
17.5							
20.0		19.0 ft - 21.0 ft, A-1-B, SiGrSa, brown-gray, Saturated, Rec. = 0.75 ft	NA (30)		5.0	91.0	4.0
22.5							
		24.0 ft - 26.0 ft, A-4, GrSaSi, brown, Saturated, Rec. = 0.66 ft	NA (30)				

BOTTOM OF
ABUT. 2
EL. 822.0'

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PROJECT NAME: CLD Dish Mill Brook Bridge SITE NAME: Burke, VT STATION: 26+24 OFFSET: 2.0 RT VTSPG: N 761622.00 ft E 1785222.00 ft				PROJECT NUMBER: 123-87446 SITE NUMBER: Burke BHF-0269(13) GROUND ELEVATION: 830.5 ft GROUNDWATER DEPTH: 9.1 ft 11/07/12 PROJECT PIN NUMBER:			
BORING CREW: DRILLER: W. Hoeckle LOGGER: N. Chinburg BORING RIG: Diedrich D-50 Track				BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL HAMMER TYPE: CHECKED BY:			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 6 IN (N VALUE)	M.C. (%)	AASHTO GRAVEL (%)	AASHTO SAND (%)	AASHTO FINES (%)
				24.6	2.0	38.0	60.0
27.5							
30.0		29.0 ft - 31.0 ft, A-3, SiSa, brown, Saturated, Rec. = 1.16 ft	NA (41)				
32.5							
35.0		34.0 ft - 36.0 ft, A-3, SiSa, brown, Saturated, Rec. = 1.08 ft	NA (46)	18.7	0.0	91.0	9.0
37.5							
40.0		38.0 ft - 39.0 ft, Gravel based on drill behavior					
40.0		39.0 ft - 40.2 ft, A-4, GrSa, brown, Saturated, Rec. = 1.41 ft	NA (21)				
42.5		40.2 ft - 41.0 ft, A-3, SiSa, brown, Saturated					
45.0		44.0 ft - 46.0 ft, A-3, Sa, brown, Saturated, Rec. = 0.66 ft	NA (38)				
47.5							
		49.0 ft - 51.0 ft, A-3, SiSa, brown-gray, Saturated, Rec. = 0.33 ft	NA (40)				

APPROX.
PILE TIP
EL. 769.0'

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PROJECT NAME: CLD Dish Mill Brook Bridge SITE NAME: Burke, VT STATION: 26+24 OFFSET: 2.0 RT VTSPG: N 761622.00 ft E 1785222.00 ft				PROJECT NUMBER: 123-87446 SITE NUMBER: Burke BHF-0269(13) GROUND ELEVATION: 830.5 ft GROUNDWATER DEPTH: 9.1 ft 11/07/12 PROJECT PIN NUMBER:			
BORING CREW: DRILLER: W. Hoeckle LOGGER: N. Chinburg BORING RIG: Diedrich D-50 Track				BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL HAMMER TYPE: CHECKED BY:			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 6 IN (N VALUE)	M.C. (%)	AASHTO GRAVEL (%)	AASHTO SAND (%)	AASHTO FINES (%)
52.5							
55.0		54.0 ft - 56.0 ft, A-4, SiSa, brown-gray, Saturated, Rec. = 1.0 ft	NA (50)				
57.5							
60.0		59.0 ft - 60.7 ft, A-1-B, SiGrSa, Light brown, Saturated, Refusal on spoon at 60.7', Rec. = 1.66 ft	NA (74)				
60.0		61.0 ft, Advanced roller cone to 62.0 ft.					
62.5		R1: 62.0 ft - 67.0 ft, Rec. = 4.91 ft. R1: Medium gray (N5) to medium dark gray (N4), very fine grained, slightly weathered, strong (R4), biotite-muscovite-quartz SCHIST; moderately to strongly foliated; discontinuities very close to closely spaced, generally parallel to foliation, dipping 35-45 degrees, planar to irregular to stepped, rough to smooth, tight to open. Calcite veins parallel to foliation up to 1 inch thick. Rock Mass Quality = Fair (Waits River Formation) NQ core size	R1	98	1320	6:30, 4:30, 5:00, 5:35	
65.0							
67.5		Hole stopped @ 67.0 ft					
70.0							
72.5							

PROJECT NAME: BURKE
PROJECT NUMBER: BRF 0269(13)

FILE NAME: I0c412/cos/zi0c412bor.dgn
PROJECT LEADER: J. BYATT
DESIGNED BY: S. BEAUMONT
BORING LOGS (5 OF 5)

PLOT DATE: 10/14/2014
DRAWN BY: M. SMITH
CHECKED BY: J. BYATT
SHEET 33 OF 73

