



STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 MATERIALS & RESEARCH SECTION  
 SUBSURFACE INFORMATION

BORING NUMBER: B-301  
 SHEET 1 of 1  
 DATE STARTED: 9/18/07  
 DATE COMPLETED: 9/20/07

PROJECT NAME: CAMBRIDGE  
 SITE NAME: VT-108  
 STATION: 10+227  
 OFFSET: 2.00  
 VTSPG: N 238855.85 m E 473777.84 m

PROJECT NUMBER: BRF 027-1(4)  
 SITE NUMBER: BR-21  
 GROUND ELEVATION: 133.45 m  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 78F163

BORING CREW  
 CREW CHIEF: PORTER  
 DRILLER: PORTER  
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CCB

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/0.3m)
0.5		A-1-b, GrSa, brn, Wet, Rec. = 0.27 m	12	12.9	39.8	51.2	9.0
1.0		Field Class., Cobbles, Cored ahead NXDC					
1.5		A-3, Sa, brn, Wet, Rec. = 0.24 m	6	17.9	9.2	82.4	8.4
2.0							
3.0		A-1-b, GrSa, brn, Wet, Rec. = 0.46 m	13	14.4	25.3	64.9	9.8
3.5							
4.0							
4.5		No recovery. Rock was all ground up., NXDC, 4.18 m - 4.78 m	1	Top of Bedrock @ 4.18 m			8
4.5				9			
5.0		Gray to silver-gray, Quartz-albite-muscovite schist, with quartz veins. Competent, Moderately hard, Unweathered, NXMDC, 4.78 m - 5.39 m, Rec. = 0.54 m	2	89	75	50	10
5.0							11
5.5		Gray to silver-gray, Quartz-albite-muscovite schist, with thin quartz veins. Competent, Moderately hard, Unweathered, NXMDC, 5.39 m - 6.61 m, Rec. = 1.22 m	3	100	90	50	11
5.5							10
6.0							9
6.0							9
6.5		Gray to silver-gray, Quartz-albite-muscovite schist, with thin quartz veins. Competent, Moderately hard, Unweathered, NXMDC, 6.61 m - 7.83 m, Rec. = 1.22 m	4	100	100	50	8
6.5							7
7.0							8
7.0							7
7.5							8
7.5							7
8.0		Hole stopped @ 7.83 m					
8.5							
9.0							
9.5							

LOG OF BORING CAMBRIDGE BRF 027-1(4).CPJ VT AOT.GDT 4/17/08