



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

BORING NUMBER: R-42  
 SHEET 1 of 1  
 DATE STARTED: 2/21/08  
 DATE COMPLETED: 2/21/08

PROJECT NAME: BRISTOL  
 SITE NAME: VT 116  
 STATION: 10+720.00  
 OFFSET: -10.00  
 VTSPG: N 177654.09 m E 452361.22 m

PROJECT NUMBER: STP F021-1(15)  
 SITE NUMBER:  
 GROUND ELEVATION: 109.14 m  
 GROUNDWATER DEPTH: No Water Found 2/21/08  
 PROJECT PIN NUMBER: 78F187

BORING CREW  
 CREW CHIEF: HOLT  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL & TUBE  
 CHECKED BY: CCB

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
0.5									
1.0		Field Class., Cl, brn, Moist, Rec. = 0.50 m, Shelby Tube saved for future use.							
1.5									
1.78		A-7-6, Cl, brn, Moist, Rec. = 0.28 m	5	42.6	0.0	3.8	96.2	53	27
2.10		A-6, SiCl, brn, Moist, Rec. = 0.32 m		38.1	0.0	1.3	98.7	38	16
2.5									
2.57		A-7-6, Cl, brn, Moist, Rec. = 0.57 m, Hydrometer Analysis: Particles smaller than 0.002mm = 48.9%		39.0	0.0	0.2	99.8	49	23
2.82		A-7-5, Cl, brn, Moist		39.4	0.0	0.8	99.2	66	36
3.07		A-7-6, Cl, brn, Moist, Hydrometer Analysis: Particles smaller than 0.002mm = 67.6%		44.9	0.0	0.2	99.8	64	28
3.5									
3.59		A-7-6, Cl, brn, Moist, Rec. = 0.59 m, Hydrometer Analysis: Particles smaller than 0.002mm = 51.5%		40.9	0.0	0.2	99.8	50	27
3.84		A-6, SiCl, brn, Moist, Hydrometer Analysis: Particles smaller than 0.002mm = 35.0%		39.2	0.0	2.4	97.6	40	19
4.07		A-7-6, Cl, brn, Moist, Hydrometer Analysis: Particles smaller than 0.002mm = 43.3%		41.7	0.0	0.4	99.6	43	20
4.0		Hole stopped @ 4.00 m							
4.5									

LOG OF BORING BRISTOL STP F021-1(15) GPJ VT AOT.GDT 7/17/08