



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

BORING NUMBER: B-101  
 SHEET 1 of 1  
 DATE STARTED: 6/26/09  
 DATE COMPLETED: 6/26/09

PROJECT NAME: RANDOLPH  
 SITE NAME: TH-66  
 STATION: 1+60  
 OFFSET: -10.00  
 VTSPG NAD83: N 516173.53 ft E 1625950.38 ft

PROJECT NUMBER: BHO 1444(53)  
 SITE NUMBER: BR-34  
 GROUND ELEVATION: 564.5 ft  
 GROUNDWATER DEPTH: 8.3 ft 6/29/09  
 PROJECT PIN NUMBER: 06J092

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

BORING RIG: SMALL SKID RIG  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-1-b, GrSa, gry, Moist, Rec. = 0.5 ft	7	9.1	39.0	42.5	18.5
		A-4, SiSa, brn, MTW, Rec. = 1.0 ft	4	22.0	16.4	46.0	37.6
5		Field Note: No Recovery. Appears to be Sand	9				
		Field Note: No Recovery. Appears to be Sand	5				
		A-4, SaSi, brn, Wet, Rec. = 0.9 ft	4	37.8	0.0	36.0	64.0
10		Visual Classification, SiGrSa, brn, Wet, Rec. = 0.5 ft	16				
15		A-4, SaSi, brn, Wet, Rec. = 1.0 ft	11	27.5	5.0	41.2	53.8
20		A-4, SaSi, brn, Wet, Rec. = 1.1 ft	12	28.2	2.9	47.7	49.4
25		A-2-4, SiSa, brn, Wet, Rec. = 1.5 ft	7	31.8	2.8	72.2	25.0
30		A-4, SiSa, brn, Wet, Rec. = 1.3 ft	11	29.5	5.4	53.9	40.7
35		A-2-4, SiSa, gry, Wet, Rec. = 1.4 ft	11	23.9	0.0	68.2	31.8
40		A-2-4, SiSa, gry, Wet, Rec. = 1.7 ft	16	22.2	0.0	67.8	32.2
		Hole stopped @ 40.0 ft					
		DRILLER'S NOTES: 1. No ledge to depth.					
45							

LOG OF BORING RANDOLPH BHO 1444(53).GPJ VT AOT.GDT 8/20/09



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BORING NUMBER: B-102  
 SHEET 1 of 1  
 DATE STARTED: 6/24/09  
 DATE COMPLETED: 6/25/09

PROJECT NAME: RANDOLPH  
 SITE NAME: TH-66  
 STATION: 1+50  
 OFFSET: 21.00  
 VTSPG NAD83: N 516145.89 ft E 1625932.95 ft

PROJECT NUMBER: BHO 1444(53)  
 SITE NUMBER: BR-34  
 GROUND ELEVATION: 558.02 ft  
 GROUNDWATER DEPTH: 2.3 ft 6/29/09  
 PROJECT PIN NUMBER: 06J092

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		A-4, SiSa, blk, Moist, Rec. = 0.7 ft	3	29.2	5.0	49.8	45.2
		A-2-4, SiSa, blk, MTW, Rec. = 0.6 ft	5	32.9	2.0	68.5	29.5
5		A-2-4, SiSa, blk, Wet, Rec. = 0.9 ft	7	27.2	12.4	65.1	22.5
		Field Note: No Recovery, Appears to be SaSi	13				
		A-4, SaSi, gry, Wet, Rec. = 1.5 ft	8	24.1	6.0	26.0	68.0
10		Field Note: No Recovery, Appears to be SaSi	10				
15		A-2-4, SiSa, gry, Wet, Rec. = 1.0 ft	6	25.1	0.0	71.2	28.8
20		A-4, Si, gry, Wet, Rec. = 1.3 ft, Roller coned ahead.	3	31.3	0.4	9.2	90.4
25		A-4, SiSa, gry, Wet, Rec. = 1.4 ft, Roller coned ahead.	8	25.4	0.0	52.7	47.3
30		A-2-4, Sa, gry, Wet, Rec. = 1.5 ft	10	19.4	5.0	76.3	18.7
35		Field Note: No Recovery	R	Top of Bedrock @ 35.2 ft			8
		Interbedded dark gray, Biotite Phyllite, and meta-limestone. Competent, Moderately hard, Unweathered, BXMDC, 35.2 ft - 40.2 ft, Rec. = 4.0 ft	1	80	78	75	8
40		Hole stopped @ 40.2 ft					10
45							10

LOG OF BORING RANDOLPH BHO 1444(53) GPJ VT AGT.GDT 8/20/09