



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

BORING NUMBER: B-4  
SHEET 1 of 1  
DATE STARTED: 1/20/06  
DATE COMPLETED: 1/25/06

PROJECT NAME: RANDOLPH  
SITE NAME: TH-64  
STATION: 101+54.5  
OFFSET: 14.00  
VTSPG: N 520647.972 ft E 1625906.016 ft

PROJECT NUMBER: BHO 1444(44)  
SITE NUMBER: Braley Covered Bridge  
GROUND ELEVATION: 582.43 ft  
GROUNDWATER DEPTH: 12.0 ft 1/25/06

BORING CREW  
CREW CHIEF: GARROW  
DRILLER: GARROW  
LOGGER: DAVISON

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

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft	2	19.0	22.8	51.7	25.5
		A-1-a, SaGr, brn, Moist, Rec. = 0.75 ft	5	6.9	52.2	38.6	9.2
		A-2-4, SiSa, brn, Moist, Rec. = 0.9 ft	2	14.5	18.6	58.8	22.6
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.0 ft	5	17.9	26.6	41.2	32.2
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft	14	12.9	29.4	51.3	19.3
10		A-2-4, GrSiSa, brn, MTW, Rec. = 1.0 ft, Cleaned out casing	7	23.6	20.2	56.4	23.4
		A-1-b, Sa, brn, MTW, Rec. = 0.8 ft	7	20.4	20.0	63.6	16.4
		A-1-b, GrSa, brn, MTW, Rec. = 0.55 ft	6	23.6	21.8	61.6	16.6
		A-1-b, GrSa, brn, Wet, Rec. = 1.0 ft	6	22.4	26.9	59.0	14.1
		A-1-b, GrSa, brn, MTW, Rec. = 0.75 ft	7	18.6	31.8	54.5	13.7
20		A-1-b, GrSa, brn, Wet, Rec. = 0.8 ft	11	15.5	32.7	49.4	17.9
		A-4, SaSi, brn, MTW, Rec. = 1.15 ft	13	26.0	0.0	49.2	50.8
30		A-1-b, GrSa, brn, MTW, Rec. = 1.15 ft	35	14.5	28.8	57.3	13.9
		A-1-b, Sa, brn, MTW, Rec. = 1.15 ft	14	21.7	5.8	77.1	17.1
40		A-2-4, Sa, brn, Wet, Rec. = 1.0 ft	12	21.9	8.3	75.4	16.3
		A-1-b, SaGr, brn, Wet, Rec. = 0.95 ft	32	12.8	48.0	36.2	15.8
50		A-1-b, SiGrSa, gry, MTW, Rec. = 0.5 ft	R	12.1	31.6	46.5	21.9
		Top of Bedrock @ 51.7 ft					
		Gray, Meta-Limestone, interbedded with phyllite. Competent., Moderately hard, Unweathered, NXMDC, 51.7 ft - 56.7 ft, Rec. = 5.0 ft	1	100	86	50	7 10 8 7 6
60		Gray, Meta-Limestone, interbedded with phyllite. Competent., Moderately hard, Unweathered, NXMDC, 56.7 ft - 61.7 ft, Rec. = 4.75 ft	2	95	95	50	6 5 4 4 5
		Hole stopped @ 61.7 ft					

LOG OF BORING RANDOLPH BHO 1444(44).GPI VT AOT.GDT 1/23/06