

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-3 SHEET 1 of 1 DATE STARTED: 2/15/06 DATE COMPLETED: 2/22/06					
PROJECT NAME: RANDOLPH SITE NAME: TH-64 STATION: 101+46.0 OFFSET: -5.00 VTSPG: N 520668.394 ft E 1625902.209 ft		PROJECT NUMBER: BHO 1444(44) SITE NUMBER: Braley Covered Bridge GROUND ELEVATION: 582.71 ft GROUNDWATER DEPTH: 13.0 ft 2/22/06					
BORING CREW CREW CHIEF: GARROW DRILLER: GARROW LOGGER: RUSSELL		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)
	***	Fill Material, No sample, 0.0 ft - 2.0 ft					
	A-2-4	SiSa with some Wood material, brn, Moist, Rec. = 0.5 ft	2	16.8	5.3	70.2	24.5
10	A-2-4	SiSa with some Wood material, brn, Moist, Rec. = 0.9 ft	4	27.5	10.1	65.8	24.1
	A-1-b	GrSa, brn, MTW, Rec. = 0.7 ft	8	22.5	20.3	66.6	13.1
20	A-1-b	GrSa, brn, MTW, Rec. = 1.0 ft	6	18.9	27.4	60.1	12.5
		Cleaned out casing, 23.6 ft - 25.0 ft					
	A-1-b	GrSa, gry-brn, MTW, Rec. = 1.2 ft	16	15.0	32.2	51.8	16.0
30	A-4	SaSi, gry-brn, MTW, Rec. = 1.2 ft	15	25.7	2.0	43.0	55.0
	A-2-4	Sa, brn-gry, MTW, Rec. = 1.1 ft	18	18.3	18.0	68.1	13.9
40		Cleaned out casing, 39.2 ft - 40.0 ft					
	A-1-b	GrSa, brn-gry, MTW, Rec. = 1.1 ft	17	16.4	24.7	59.8	15.5
	A-2-4	Sa, gry, MTW, Rec. = 1.0 ft	13	22.1	5.1	80.2	14.7
50	A-1-b	Sa, gry, MTW, Rec. = 0.5 ft	15	18.3	18.9	66.5	14.6
	A-1-b	SaGr with Broken Rock within sample, gry, MTW, Rec. = 1.3 ft	R	9.9	52.7	31.2	16.1
		Gray, Phyllite, Poor competency, Moderately soft, Unweathered, BXMDC, 56.5 ft - 58.0 ft, Rec. = 0.5 ft	1	33	0	40	
		Gray, Phyllite, Fair competency, Moderately soft, Unweathered, BXMDC, 58.0 ft - 61.0 ft, Rec. = 1.8 ft	2	60	50	40	
		Gray, Phyllite, Competent, Moderately soft, Unweathered, BXMDC, 61.0 ft - 64.0 ft, Rec. = 2.7 ft	3	90	73	40	
		Hole stopped @ 64.0 ft					

LOG OF BORING RANDOLPH BHO 1444(44) (P.1) VT AOT.GBT 3/23/06

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
10	A-1-b	GrSa, brn, Moist, Rec. = 0.5 ft	14	12.9	29.4	51.3	19.3
	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
20	A-1-b	GrSa, brn, MTW, Rec. = 0.75 ft	7	18.6	31.8	54.5	13.7
	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
		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	5
							4
							4
							4
							5
		Hole stopped @ 61.7 ft					

LOG OF BORING RANDOLPH BHO 1444(44) (P.1) VT AOT.GBT 3/23/06

PROJECT NAME: RANDOLPH	PROJECT NUMBER: BHO 1444(50)
FILE NAME: s06j094bor.dgn	PLOT DATE: 17-JAN-2007
PROJECT LEADER: J. WEAVER	DRAWN BY: D. GELFENBEIN
DESIGNED BY:	CHECKED BY:
BORING LOGS - SHEET 2	SHEET 16 OF 18