



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

BORING NUMBER: B-1
SHEET 1 of 1
DATE STARTED: 1/26/06
DATE COMPLETED: 2/08/06

PROJECT NAME: RANDOLPH
SITE NAME: TH-64
STATION: 100+81.0
OFFSET: -1.00
VTSPG: N 520679.569 ft E 1625838.865 ft

PROJECT NUMBER: BHO 1444(44)
SITE NUMBER: Braley Covered Bridge
GROUND ELEVATION: 579.4 ft
GROUNDWATER DEPTH: 10.3 ft 2/08/06

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-1-b, SiGrSa, brn, Moist, Rec. = 2.0 ft, Frozen material	R	11.8	31.1	45.3	23.6
		A-1-b, GrSiSa, brn, Moist, Rec. = 1.4 ft	27	13.4	24.5	50.2	25.3
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.8 ft	11	6.7	29.0	50.3	20.7
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.45 ft	10	11.1	23.5	56.3	20.2
10		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	8	24.3	10.4	57.5	32.1
		A-1-b, GrSa, brn, Wet, Rec. = 0.8 ft	9	18.9	24.4	61.9	13.7
		A-1-b, SaGr, brn, MTW, Rec. = 0.8 ft	10	16.4	43.8	43.0	13.2
		No Recovery, 14.0 ft - 16.0 ft	8				
		No Recovery, 16.0 ft - 18.0 ft	18				
20		A-4, Si, gry, Moist, Rec. = 1.05 ft, Sample tested "NP" for Limits	10	32.5	0.0	1.7	98.3
		A-4, Si, gry, Moist, Rec. = 1.7 ft, Sample tested "NP" for Limits	10	27.5	0.0	12.1	87.9
		A-4, SiSa, brn-gry, Moist, Rec. = 1.0 ft	10	24.5	2.7	54.0	43.3
30		A-2-4, Sa, brn, MTW, Rec. = 1.2 ft	8	24.8	8.3	76.9	14.8
		A-2-4, Sa, brn, MTW, Rec. = 1.15 ft	17	23.6	9.9	73.2	16.9
40		A-2-4, SiSa, brn, MTW, Rec. = 1.4 ft, Started using drillers mud	16	24.4	7.8	64.0	28.2
		A-4, SiSa, brn-gry, Moist, Rec. = 1.3 ft	17	20.1	0.1	54.6	45.3
50		A-2-4, SiSa, gry, Moist, Rec. = 1.0 ft	9	22.3	0.8	66.4	32.8
		Top of Bedrock @ 53.5 ft					
		Gray, Meta-Limestone, with interbedded phyllite. Moderately hard. Drilling brecks from 55.5 feet to 56.2 feet. Intact rock is unweathered. Rock fragments from 55.5 feet to 56.2 feet are slightly weathered. Poor competency., Moderately hard, NXMDC, 53.5 ft - 58.5 ft, Rec. = 3.5 ft	1	70	44	35	6 5 6 6 7
60		Gray, Phyllite, Fair competency., Moderately soft, Slightly weathered, NXMDC, 58.5 ft - 59.5 ft, Rec. = 1.0 ft	2 3	100 100	60 100	40 40	18 13 17
		Gray, Meta-Limestone, with interbedded phyllite. Competent., Moderately hard, Unweathered, NXMDC, 59.5 ft - 61.5 ft, Rec. = 2.0 ft					
		Hole stopped @ 61.5 ft					

LOG OF BORING: RANDOLPH BHO 1444(44).GPI VT.ADT.GDT 3/23/06