

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-103 SHEET 1 of 1 DATE STARTED: 12/15/09 DATE COMPLETED: 1/05/10				
PROJECT NAME: BARRE TOWN SITE NAME: TH-7 STATION: 14+14 OFFSET: -31.00 VTSPG NAD83: N 611727.69 ft E 1638756.09 ft		PROJECT NUMBER: BRF 6100(7) SITE NUMBER: BR-11 GROUND ELEVATION: 732.45 ft GROUNDWATER DEPTH: NO WATER TO DEPTH PROJECT PIN NUMBER: 06J002						
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER		BORING RIG: SEE NOTES BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL CHECKED BY: CAA						
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	
			RUN	REC (%)	RDD (%)	Dip (deg)	Drill Rate (min/ft)	
		Field Note: 0.3'-1.5', Granite Block						
5		Cleaned out casing, 3.8 ft - 5.0 ft						
		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	4	34.0	7.3	25.5	67.2	
10		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft	7	13.1	0.3	78.5	21.2	
		Top of Bedrock @ 14.1 ft						
15		Gray, Meta-Limestone, Closely spaced stained jointing. Fair Rock, Hard, Fresh Weathering, NXMDC, 14.1 ft - 15.6 ft, Rec. = 1.3 ft	1	87	27	?	20	
		Gray, Meta-Limestone, Closely spaced stained jointing. Fair Rock, Hard, Fresh Weathering, NXMDC, 15.6 ft - 19.1 ft, Rec. = 3.5 ft	2	100	0	60	20	
20		Gray, Meta-Limestone, Closely spaced stained jointing. Fair Rock, Hard, Fresh Weathering, NXMDC, 19.1 ft - 24.1 ft, Rec. = 5.0 ft	3	100	52	65	15	
		Hole stopped @ 24.1 ft					7	
25		DRILLER'S NOTES: 1. Before breaking down, the small skid rig was used until the drillers hit bedrock. 2. The large track rig #10 was used for coring rock.					8	
30		GEOLOGIST'S NOTES: 1. The Dip on Run #1 could not be determined.					8	
35							7	
40							8	
45							8	

LOG OF BORING BARRE TOWN BRF 6100(7) REV. VT ADT.GDT 4/5/10

ABUTMENT NO. 2
BOTTOM OF FOOTING
ELEV. 723.00

ESTIMATED
PILE TIP
ELEV. ASSUMED

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-105 SHEET 1 of 1 DATE STARTED: 1/07/10 DATE COMPLETED: 1/21/10				
PROJECT NAME: BARRE TOWN SITE NAME: TH-7 STATION: 14+27 OFFSET: 16.50 VTSPG NAD83: N 611678.60 ft E 1638762.30 ft		PROJECT NUMBER: BRF 6100(7) SITE NUMBER: BR-11 GROUND ELEVATION: 730.44 ft GROUNDWATER DEPTH: 25.2 ft 1/21/10 PROJECT PIN NUMBER: 06J002						
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER		BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL CHECKED BY: CAA						
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	
			RUN	REC (%)	RDD (%)	Dip (deg)	Drill Rate (min/ft)	
5		A-1-b, SaGr, brn, Wet, Rec. = 0.9 ft	8	23.2	46.3	39.8	13.9	
9		Field Note: No Recovery, NXDC, Cleaned out casing., Granite pieces in end of sampler.						
10		A-4, SaSi, brn, Wet, Rec. = 1.1 ft	1	27.1	14.3	30.7	55.0	
15		A-4, SiSa, brn, Wet, Rec. = 0.9 ft, Small amounts of Wood were within sample.	1	35.0	16.4	46.2	37.4	
20		Field Note: Wood pieces, Cored ahead						
		A-2-4, SiSa, gry, Wet, Rec. = 0.8 ft, Lots of Wood was within sample and was removed before gradation.	7	48.3	5.5	68.3	26.2	
25		A-4, SiSa, gry, Wet, Rec. = 1.6 ft, Small amounts of Wood were within sample.	3	42.9	0.0	61.6	38.4	
30		A-4, SiSa, gry, Wet, Rec. = 0.4 ft, Small amounts of Wood were within sample.	4	46.4	7.8	53.3	38.9	
35		Field Note: Cobbles & Broken rock						
		Top of Bedrock @ 37.0 ft						
40		Gray, Meta-Limestone, with closely spaced stained jointing. Fair Rock, Hard, Slightly weathered, NXMDC, 37.0 ft - 39.0 ft, Rec. = 2.0 ft	1	100	0	70	10	
		Gray, Meta-Limestone, with closely spaced stained jointing. Fair Rock, Hard, Slightly weathered, NXMDC, 39.0 ft - 44.0 ft, Rec. = 4.5 ft	2	90	40	70	11	
45		Gray, Meta-Limestone, with closely spaced stained jointing. Fair Rock, Hard, Fresh Weathering, NXMDC, 44.0 ft - 49.0 ft, Rec. = 5.0 ft	3	100	72	70	11	
		Hole stopped @ 49.0 ft					10	
							11	
							12	
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							10	
							12	
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LOG OF BORING BARRE TOWN BRF 6100(7) REV. VT ADT.GDT 4/5/10

PROJECT NAME: BARRE TOWN
PROJECT NUMBER: BRF 6100(7)

FILE NAME: s06j002bor.dgn
PROJECT LEADER: J. LACROIX
DESIGNED BY: T. FILLBACH
BORING LOGS 2

PLOT DATE: 27-SEP-2012
DRAWN BY: R. PELLETT
CHECKED BY: T. FILLBACH
SHEET 25 OF 70