



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 (%)	RQD (%)	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
10		Field Note: No Recovery, NXDC, Cleaned out casing, Granite pieces in end of sampler.	9				
15		A-4, SaSi, brn, Wet, Rec. = 1.1 ft	1	27.1	14.3	30.7	55.0
20		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
25		Field Note: Wood pieces, Cored ahead					
25		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
30		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
35		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					
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
40		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	10
45							12
45							10
45							9
Hole stopped @ 49.0 ft							

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

Top of Bedrock @ 37.0 ft