



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

BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 2/04/10
 DATE COMPLETED: 2/10/10

PROJECT NAME: BARRE TOWN
 SITE NAME: TH-7
 STATION: 13+04
 OFFSET: -27.00
 VTSFG NAD83: N 611718.46 ft E 1638636.14 ft

PROJECT NUMBER: BRF 6100(7)
 SITE NUMBER: BR-11
 GROUND ELEVATION: 740.05 ft
 GROUNDWATER DEPTH: NO WATER TO DEPTH
 PROJECT PIN NUMBER: 06J002

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: SMALL SKID RIG
 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)
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft	6	25.6	24.6	42.8	32.6
				Top of Bedrock @ 1.7 ft			
		Gray, Meta-Limestone, with closely spaced stained jointing. Fair Rock, Hard, Fresh Weathering, NXMDC, 1.7 ft - 2.7 ft, Rec. = 0.9 ft	1	90	40	?	39
		Gray, Meta-Limestone, with thin quartz veins and closely spaced stained jointing. Fair Rock, Hard, Fresh Weathering, NXMDC, 2.7 ft - 4.7 ft, Rec. = 1.5 ft	2	75	50	65	17 16
5		Gray, Meta-Limestone, with thin quartz veins and very closely spaced stained jointing. Fair Rock, Hard, Slightly weathered, NXMDC, 4.7 ft - 6.7 ft, Rec. = 1.6 ft	3	80	0	65	14 24
		Gray, Meta-Limestone, with thin quartz veins and very closely spaced stained jointing. Fair Rock, Hard, Slightly weathered, NXMDC, 6.7 ft - 9.2 ft, Rec. = 2.2 ft	4	88	0	40	13 19
10		Gray, Meta-Limestone, with closely spaced stained jointing. A stained joint dipping 70 degrees was at the bottom of Run. Fair Rock, Hard, Slightly weathered, NXMDC, 9.2 ft - 11.7 ft, Rec. = 2.4 ft	5	96	30	45	8 7 18 20
		Gray, Meta-Limestone, with closely spaced stained jointing. Stained near vertical joint (continuation of 70 degree joint in Run #5). Fair Rock, Hard, Slightly weathered, NXMDC, 11.7 ft - 12.7 ft, Rec. = 0.8 ft	6	80	0	45	11
		Gray, Meta-Limestone, with closely spaced stained jointing. Stained near vertical joint (continuation of jointing in Runs #5 & #6). Fair Rock, Hard, Fresh Weathering, NXMDC, 12.7 ft - 16.7 ft, Rec. = 3.9 ft	7	98	55	40	13 19 16 25
		Hole stopped @ 16.7 ft					
		GEOLOGIST'S NOTES: 1. The Dip on Run #1 could not be determined.					
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LOG OF BORING BARRE TOWN BRF 6100(7).GPJ VT AOT.GDI 4/5/10