



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

BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 1/27/10
 DATE COMPLETED: 2/16/10

PROJECT NAME: SPRINGFIELD
 SITE NAME: TH-6
 STATION: 11+71
 OFFSET: 15.00
 VTSPG NAD83: N 303897.04 ft E 1631026.52 ft

PROJECT NUMBER: BRO 1442(26)
 SITE NUMBER: BR-57
 GROUND ELEVATION: 559.24 ft
 GROUNDWATER DEPTH: 15.1 ft 1/28/10
 PROJECT PIN NUMBER: 95J282

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: MAHMUTOVIC

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)
0		A-2-4, GrSa, brn, Moist, Rec. = 1.0 ft	4	15.4	21.0	65.7	13.3
5		A-1-a, Gr, brn, Wet, Rec. = 1.0 ft, Broken Rock was within sample.	33	9.8	75.2	19.6	5.2
10		Field Note: NXDC, Cobbles, Cleaned out casing.					
15		A-1-b, SaGr, brn, Wet, Rec. = 0.4 ft, Broken Rock was within sample.	21	15.7	44.4	44.1	11.5
20		Field Note: NXDC, Cobbles					
25		Visual Classification, Broken Rock with sand, brn, Wet, Rec. = 0.4 ft	R				
30		Possible Boulders, BXMDC, 27.5 ft - 32.5 ft, Rec. = 3.8 ft	1	76			5 7 7 8 7
35		Gray, Fine- to medium- grained biotitic schistose Gneiss, Good Rock, Very hard, Fresh Weathering, BXMDC, 32.5 ft - 37.5 ft, Rec. = 2.2 ft	2	44	30	80	6 7 7 8 7
40		Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 37.5 ft - 40.0 ft, Rec. = 2.1 ft	3	84	56	20	7 7 6
40		Hole stopped @ 40.0 ft					
45		DRILLER'S NOTES: 1. Broke the core bit at 40.0 ft.					

LOG OF BORING SPRINGFIELD BRO 1442(26) GPJ VT.AOT.GDT 4/5/10

Top of Bedrock @ 32.5 ft