



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

BORING NUMBER: B-101  
 SHEET 1 of 1  
 DATE STARTED: 2/02/10  
 DATE COMPLETED: 2/23/10

PROJECT NAME: SPRINGFIELD  
 SITE NAME: TH-6  
 STATION: 11+47  
 OFFSET: -6.50  
 VTSPG NAD83: N 303927.40 ft E 1631019.28 ft

PROJECT NUMBER: BRO 1442(26)  
 SITE NUMBER: BR-57  
 GROUND ELEVATION: 560.74 ft  
 GROUNDWATER DEPTH: 16.7 ft 2/04/10  
 PROJECT PIN NUMBER: 95J282

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

BORING RIG: LARGE SKID RIG 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)
		Asphalt Pavement, 0.0 ft - 0.2 ft					
		Concrete, 0.2 ft - 1.5 ft					
		Field Note:, BXDC, Cobbles, Cleaned out casing.					
		A-1-b, SaGr, brn, MTW, Rec. = 0.6 ft	8	11.1	54.0	34.3	11.7
10		Field Note:, BXDC, Cobbles					
		Field Note:, No Recovery	11				
20		A-3, Sa, brn, Wet, Rec. = 1.2 ft	13	25.9	0.2	89.7	10.1
		A-1-b, GrSa, brn, Wet, Rec. = 0.8 ft	49	12.3	41.5	45.2	13.3
30		Field Note:, BXDC, Cobbles, Cleaned out casing.					
		Visual Classification, Broken Rock, Rec. = 0.2 ft, Advanced casing to 40.0 ft.	43				
40		Top of Bedrock @ 40.0 ft					
		Gray, Fine- to medium- grained biotitic schistose Gneiss, with closely spaced stained jointing. Fair to Good Rock, Very hard, Fresh Weathering, BXMDC, 40.0 ft - 41.0 ft, Rec. = 1.0 ft	1	100	0	30	12
		Gray, Fine- to medium- grained biotitic Gneiss, with closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 41.0 ft - 46.0 ft, Rec. = 4.9 ft	2	98	82	30	6 7 7 7 7
50		Gray, Fine- to medium- grained biotitic Gneiss, with 0.6 ft quartz vein at bottom of run. Closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 46.0 ft - 50.0 ft, Rec. = 3.3 ft	3	83	63	30	7 7 7 7
		Hole stopped @ 50.0 ft					7

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