

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-103 SHEET 1 of 1 DATE STARTED: 1/02/10 DATE COMPLETED: 1/22/10					
PROJECT NAME: SPRINGFIELD SITE NAME: TH-6 STATION: 12+87 OFFSET: -18.00 VTSPG NAD83: N 303851.06 ft E 1631139.07 ft		PROJECT NUMBER: BRO 1442(26) SITE NUMBER: BR-57 GROUND ELEVATION: 554.11 ft GROUNDWATER DEPTH: 12.4 ft 1/22/10 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)
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft	7	14.8	32.8	54.5	12.7
5		A-2-4, SiSa, brn, MTW, Rec. = 0.7 ft	10	24.9	5.4	73.0	21.6
		Top of Bedrock @ 9.0 ft					
10		Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Fair to Good Rock, Very hard, Fresh Weathering, BXDC, 9.0 ft - 10.0 ft, Rec. = 0.7 ft	1	70	0	20	6
		Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Fair to Good Rock, Very hard, Fresh Weathering, BXMDC, 10.0 ft - 13.0 ft, Rec. = 1.8 ft	2	60	0	40	6
		Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Fair to Good Rock, Very hard, Fresh Weathering, BXMDC, 13.0 ft - 18.0 ft, Rec. = 2.6 ft	3	52	18	60	6
		Gray, Fine- to medium- grained biotitic schistose Gneiss, with close to very closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 18.0 ft - 23.0 ft, Rec. = 4.3 ft	4	86	40	20	9
		Hole stopped @ 23.0 ft					5
							10
							7
							10

TOP OF FOOTING
ELEV. 546.00

LOG OF BORING SPRINGFIELD BRO 1442(26) B.P.1 VT ANT.G001 4/5/10

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-104 SHEET 1 of 1 DATE STARTED: 2/17/10 DATE COMPLETED: 2/19/10					
PROJECT NAME: SPRINGFIELD SITE NAME: TH-6 STATION: 13+20 OFFSET: 16.00 VTSPG NAD83: N 303803.49 ft E 1631140.29 ft		PROJECT NUMBER: BRO 1442(26) SITE NUMBER: BR-57 GROUND ELEVATION: 553.84 ft GROUNDWATER DEPTH: 15.5 ft 2/19/10 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)
		A-2-4, GrSa, brn, Moist, Rec. = 1.4 ft	22	18.9	23.0	59.3	17.7
5		Field Note, NXDC, Boulders					
10		Field Note, NXDC, Boulders					
15		A-2-4, GrSiSa, brn, MTW, Rec. = 1.1 ft	25	17.9	20.3	55.4	24.3
		Field Note, NXDC, Cobbles					
		Top of Bedrock @ 25.0 ft					
25		Gray, Fine- to medium- grained biotitic schistose Gneiss, and Biotitic Gneiss with close to very closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 25.0 ft - 30.0 ft, Rec. = 4.2 ft	1	84	38	30	5
		Gray, Fine- to medium- grained biotitic Gneiss, with closely spaced stained jointing. Good Rock, Very hard, Fresh Weathering, BXMDC, 30.0 ft - 35.0 ft, Rec. = 5.0 ft	2	100	68	30	6
		Hole stopped @ 35.0 ft					4
							4
							5
							5

TOP OF FOOTING
ELEV. 535.00

LOG OF BORING SPRINGFIELD BRO 1442(26) B.P.1 VT ANT.G001 4/5/10

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: BRO 1442(26)
FILE NAME: s95j282bor.dgn
PROJECT LEADER: K. HIGGINS
DESIGNED BY: J. LACROIX
BORING LOG SHEET - 2
PLOT DATE: 30-AUG-2011
DRAWN BY: R. PELLET
CHECKED BY: J. SALVATORI
SHEET 17 OF 52