

BOTTOM OF
ABUT. I
EL. 564.75'

		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: BB-WRB-105 SHEET 1 of 3 DATE STARTED: 6/25/13 DATE COMPLETED: 6/25/13			
PROJECT NAME: Randolph Bro 1444(57) TH 65 BR35 SITE NAME: Randolph, VT STATION: 99+98 OFFSET: 0.00 VTSPG:				PROJECT NUMBER: 123-87463 SITE NUMBER: TH 65 BR 35 GROUND ELEVATION: 575.95 ft GROUNDWATER DEPTH: 11.25 ft 6/25/13 PROJECT PIN NUMBER:			
BORING CREW: New Hampshire Boring CREW CHIEF: W. Hoeckle DRILLER: W. Hoeckle LOGGER: C. Stuart				BORING RIG: Diedrich D-50 Track BORING TYPE: Wash Bore SAMPLE TYPE: Split Barrel CHECKED BY: JDL			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-1-b, SaGr, Rec. = 1.42 ft, brown, dry , medium dense, subrounded gravely fine to coarse SAND, (SW), [Sample 1D].	26				
2.5							
		A-4, SaSiGr, Rec. = 1.0 ft, brown to gray, wet, medium dense, silty fine SAND, trace gravel, (SM), [Sample 2D].	23				
5.0							
		A-4, SaSi, Rec. = 1.5 ft, gray, wet, loose, silty fine SAND, (SM), [Sample 3D]. Note: Some oxidized coloring @ 10.5ft, wood encountered in bottom 3".	6	34.5	0.0	53.0	47.0
10.0		10.75 ft, End of fill layer.					
		A-1-b, SaGrSi, Rec. = 0.58 ft, gray, wet, dense, gravely fine to coarse SAND, some silt, (SW), [Sample 4D].	41				
12.5		12.5 ft - 13.0 ft, Driller notes harder material. Casing driven from this point on.					
		A-4, SiSa, Rec. = 1.25 ft, gray, wet, medium dense, SILT, trace fine sand, (ML), [Sample 5D].	17	28.3	0.0	4.0	96.0
15.0							
		A-4, SiSa, Rec. = 1.25 ft, gray, wet, medium dense, SILT, trace fine sand, (ML), [Sample 6D].	17				
17.5							
20.0							
22.5							

ESTIMATED
PILE TIP
EL. 529.75'



STATE OF VERMONT

AGENCY OF TRANSPORTATION

MATERIALS & RESEARCH SECTION

SUBSURFACE INFORMATION

BORING NUMBER: BB-WRB-105

SHEET 2 of 3

DATE STARTED: 6/25/13

DATE COMPLETED: 6/25/13

PROJECT NAME: Randolph Bro 1444(57) TH 65 BR35

PROJECT NUMBER: 123-87463

SITE NAME: Randolph, VT

SITE NUMBER: TH 65 BR 35

STATION: 99+98

GROUND ELEVATION: 575.95 ft

OFFSET: 0.00

GROUNDWATER DEPTH: 11.25 ft 6/25/13

VTSPG:

PROJECT PIN NUMBER:

BORING CREW: New Hampshire Boring

BORING RIG: Diedrich D-50 Track

CREW CHIEF: W. Hoeckle

BORING TYPE: Wash Bore

DRILLER: W. Hoeckle

SAMPLE TYPE: Split Barrel

LOGGER: C. Stuart

CHECKED BY: JDL

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
27.5							
30.0		A-2-4, SaSi, Rec. = 1.33 ft, gray, wet, medium dense, fine to medium SAND, little silt, (SM), [Sample 7D].	24	16.7	5.0	78.0	17.0
32.5		32.5 ft, Driller reported possible cobble.					
35.0		A-1-b, SaSi, Rec. = 0.92 ft, gray, wet, medium dense, medium SAND, trace silt, (SP), [Sample 8D].	15				
40.0		A-3, SaGrSi, Rec. = 0.83 ft, brown, wet, dense, fine SAND, little coarse sand, trace gravel, trace silt, gap graded, (SP), [Sample 9D]. End of casing. Open hole from 39 ft to 52.3 ft.	44				
45.0		Rec. = 0.0 ft, 44.0 ft - 46.0 ft, No recovery [Sample 10D].	42				
47.5		Run 1: 47.3-52.3 ft Dark grey (N3) to medium light grey (N6), fine to medium grained, strongly foliated, slightly weathered to fresh, strong (R4), muscovite-biotite-quartz SCHIST. Foliation dips 50-60 degrees. Discontinuities very closely to closely spaced, dipping 25-30 degrees, planar, very rough. Trace dark red garnets to 0.25 inch diameter. [Gile Mountain Formation]	1	100	99.6	60	0.3

Top of Bedrock @ 46.3 ft

		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: BB-WRB-105 SHEET 3 of 3 DATE STARTED: 6/25/13 DATE COMPLETED: 6/25/13			
PROJECT NAME: Randolph Bro 1444(57) TH 65 BR35 SITE NAME: Randolph, VT STATION: 99+98 OFFSET: 0.00 VTSPG:				PROJECT NUMBER: 123-87463 SITE NUMBER: TH 65 BR 35 GROUND ELEVATION: 575.95 ft GROUNDWATER DEPTH: 11.25 ft 6/25/13 PROJECT PIN NUMBER:			
BORING CREW: New Hampshire Boring CREW CHIEF: W. Hoeckle DRILLER: W. Hoeckle LOGGER: C. Stuart				BORING RIG: Diedrich D-50 Track BORING TYPE: Wash Bore SAMPLE TYPE: Split Barrel CHECKED BY: JDL			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		R1: Core times (min:sec) 47.3-48.3' (4:00) 48.3-49.3' (5:05) 49.3-50.3' (4:00) 50.3-51.3' (2:45) 51.3-52.3' (3:20), 46.3 ft NX, Rec. = 5.0 ft Hole stopped @ 52.3 ft Safe-T hydraulic 140 lb winch hammer used.					

PROJECT NAME: RANDOLPH
PROJECT NUMBER: BRO 1444(57)

FILE NAME: z11j078bor.dgn
PROJECT LEADER: J. BYATT
DESIGNED BY: N. CARON
BORING LOGS (2 OF 4)

PLOT DATE: 8/12/2014
DRAWN BY: M. SMITH
CHECKED BY: J. BYATT
SHEET 16 OF 39

