

BOTTOM OF FOOTING ABUT.#2
ELEVATION = 640.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-06 SHEET 1 OF 1 DATE STARTED: 6/30/97 DATE COMPLETED: 7/1/97						
PROJECT NAME: RANDOLPH SITE NAME: BRIDGE 42 STATION: 17+43.00 GROUND EL.: 648.22			PROJECT NUMBER: BRF 0241(29) SITE NO.: Rt.12 OFFSET: 21.00 G.W. DEPTH:						
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT E J LOGGER: GAMMELL			BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL						
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
0-5		Ream casing mostly in Rock Fill.							
5		Top of bedrock @ 7.5'							
7.5-9.5		Run #1: BXDC, 7.5'-9.5', Rec. = 1.5' See Geologist's Report.							
9.5-11.5		Run #2: BXDC, 9.5'-11.5', Rec. = 1.4' See Geologist's Report.	RUN 1	45	75	33			
11.5-15.5		Run #3: BXDC, 11.5'-15.5', Rec. = 3.4' See Geologist's Report.	RUN 2	45	70	0			
15.5-21.0		Run #4: BXDC, 15.5'-21.0', Rec. = 4.0' See Geologist's Report.	RUN 3	45	68	50			
21.0		Hole stopped @ 21.0'	RUN 4	55	80	69			
Geologist's Report									
35-45		Run #1: Blue-gray phyllite. Medium hardness. Slightly to very slight weathering. Top 8" of core very broken up by very close spaced joints. (2.0' Run)							
45-55		Run #2: Blue-gray siliceous limestone and blue-gray phyllite. Hard. Slightly weathered to unweathered. Poor ROD. (2.0' Run)							
55-65		Run #3: Blue-gray siliceous limestone. Hard. Slightly weathered to unweathered. Closely spaced jointing. Rock is competent. (5.0' Run)							
65-75		Run #4: Same as Run #3, but no natural jointing. (5.0' Run)							

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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-07 SHEET 1 OF 1 DATE STARTED: 7/10/97 DATE COMPLETED: 7/10/97						
PROJECT NAME: RANDOLPH SITE NAME: BRIDGE 42 STATION: 17+62.00 GROUND EL.: 665.65			PROJECT NUMBER: BRF 0241(29) SITE NO.: Rt.12 OFFSET: -20.00 G.W. DEPTH:						
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT E J LOGGER: TALLMAN			BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL						
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
0-5		No Rec. Loose stone fill, 0.0'-5.0'							
5-10		BXDC, 5.0'-9.5', Rec. = 0.3', Concrete							
10-15		No Rec., 10.0'-12.0'	20						
15-20		A-1-b, GrSa, Wet, br/trace of light brown, Rec. = 0.9'	12	19.3	38.8	44	17.2		
20		Top of bedrock @ 20.0'							
20-25		Run #1: BXMDC, 20.0'-25.0', Rec. = 4.8', See Geologist's Report.							
25-30		Run #2: BXMDC, 25.0'-30.0', Rec. = 4.8', See Geologist's Report.	RUN 1	45	96	95			
30		Hole stopped @ 30.0' In bedrock.	RUN 2	65	96	88			
Geologist's Report									
35-45		Run #1: Blue-gray siliceous limestone. Hard. Unweathered. Rock is competent.							
45-55		Run #2: Blue-gray siliceous limestone. Hard. Unweathered. Rock is competent.							

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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-08 SHEET 1 OF 1 DATE STARTED: 7/8/97 DATE COMPLETED: 7/8/97						
PROJECT NAME: RANDOLPH SITE NAME: BRIDGE 42 STATION: 17+65.00 GROUND EL.: 666.95			PROJECT NUMBER: BRF 0241(29) SITE NO.: Rt.12 OFFSET: 22.00 G.W. DEPTH:						
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT E J LOGGER: TALLMAN			BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL						
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
0-5		Ream casing mostly in Rock Fill, 0.0'-10.0', No Rec.							
5-10		A-1-a, SaGr, Moist, br, Rec. = 0.5'							
10-15		No Rec.	16	14.5	59.2	34.8	6		
15		Top of bedrock @ 18.5'							
18.5-20.5		Run #1: BXDC, 18.5'-20.5', Rec. = 1.0' See Geologist's Report.							
20.5-25.5		Run #2: BXMDC, 20.5'-25.5', Rec. = 3.1' See Geologist's Report.	RUN 1	40	50	29			
25.5-30.5		Run #3: BXMDC, 25.5'-30.5', Rec. = 4.6' See Geologist's Report.	RUN 2	35	62	55			
30.5		Hole stopped @ 30.5' In bedrock.	RUN 3	70	92	77			
Geologist's Report									
35-45		Run #1: Blue-gray siliceous limestone. Hard. Unweathered. Rock is competent.							
45-55		Run #2: Blue-gray siliceous limestone. Hard. Unweathered. Rock is competent.							
55-65		Run #3: Blue-gray siliceous limestone (25.5'-27.0'). Hard. Unweathered. Rock is competent. Blue-gray phyllite limestone (27.0'-30.5'). moderately hard. Unweathered. Rock is competent.							

BORING LOGS #3

PROJECT NAME:	RANDOLPH
PROJECT NUMBER:	BRF 0241 (29)
FILE NAME: /str5/88]096/sj096bor.dgn	PLOT DATE: 29-AUG-2006
PROJECT LEADER: W. SYMONDS	DRAWN BY: J. TOUCHETTE
DESIGNED BY: W. B. SYMONDS	CHECKED BY: T. SUMNER
sj096bo4.i	SHEET 48 OF 135