

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION				HOLE NO.: B-4 SHEET 1 OF 1 DATE STARTED: 9/12/96 DATE COMPLETED: 9/13/96					
PROJECT NAME: READING SITE NAME: VT 44 STATION: 14+35.00 GROUND EL.: 844.33		PROJECT NUMBER: BRS 0148(6)S SITE NO.: BRIDGE #1 OFFSET: 0.00 G.W. DEPTH:		BORING CREW CREW CHIEF: WILLIS DRILLER: WILLIS LOGGER: WILLIS		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
5		A-1-b, GrSa, Moist, brn, rec. = 1.0'	13	27.6	37.9	51.7	10.4		
		A-1-a, SaGr, Moist, brn, rec. = 0.8'	41	15.1	57.3	33.6	9.1		
		A-1-b, SaGr, Moist, brn, rec. = 0.9'	23	13.7	50.6	41.8	7.6		
		A-1-a, SaGr, Moist, brn, rec. = 1.2'	6	25.2	9.3	64.3	26.4		
		A-2-4, SiSa, Moist, brn, rec. = 1.0'	8	18.6	27.4	63.1	9.5		
		A-1-b, GrSa, Moist, brn, rec. = 1.2'	12	21.9	42.3	49.7	8		
		A-1-b, GrSa, Wet, brn, rec. = 0.3'	12	19	38.8	51.4	9.8		
		A-1-b, GrSa, Wet, brn, rec. = 0.8'	8	0	53.4	36.2	10.4		
		A-1-b, GrSa, Moist, brn, rec. = 0.8'	10						
		A-1-a, SaGr, Moist, brn, rec. = 0.2'	8						
		No recovery, stone in sampler.	19						
		No recovery.	7	18.8	29.6	62.5	7.9		
		No recovery.	17	17.1	62.1	32	5.9		
		No recovery.	23	13.1	42.2	45.7	12.1		
		Insufficient sample for testing. Field classification: moist, brn, SaGr.	51	12.9	48.1	39.6	12.3		
		Insufficient sample for testing. Field classification: moist, brn, Sa w/ stones, rec. = 0.1'	Top of rock @ 33.9'						
		A-1-b, GrSa, Moist, brn, rec. = 0.8'	Run#1: 20						
		A-1-a, SaGr, Wet, brn, rec. = 0.5'	Run#2: 20						
		A-1-b, GrSa, Moist, brn, rec. = 0.7'	Hole stopped @ 43.9'						
		A-1-b, GrSa, Moist, brn, rec. = 0.6'							
		RUN#1: BXMDC 33.9'-38.9', rec. = 4.9'. See Geologist's Report.							
		RUN#2: BXMDC 38.9'-43.9', rec. = 5.0'. See Geologist's Report.							
		Geologist's Report							
		Run #1: Gray plagioclase- rich granodiorite gneiss. Moderately hard. Unweathered.							
		Competent.							
		Run #2: Same as Run #1.							
		Competent							

BOTTOM OF FOOTING
ELEV 834.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION				HOLE NO.: B-5 SHEET 1 OF 1 DATE STARTED: 9/17/96 DATE COMPLETED: 9/17/96					
PROJECT NAME: READING SITE NAME: VT 44 STATION: 14+40.00 GROUND EL.: 845.17		PROJECT NUMBER: BRS 0148(6)S SITE NO.: BRIDGE #1 OFFSET: 27.00 G.W. DEPTH:		BORING CREW CREW CHIEF: WILLIS DRILLER: CHABOT LOGGER: CHABOT		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
5		A-1-b, GrSa, Moist, brn, rec. = 1.5'	48	15.9	45.6	45.9	8.5		
		No recovery.	14						
		A-2-4, Sa, Moist, brn, rec. = 1.0'	11	27.2	0.9	83.5	15.6		
		A-4, SiSa, Wet, brn, rec. = 1.2'	6	28.4	1.1	56.1	42.8		
		A-1-b, GrSa, Wet, brn, rec. = 0.7'	8	22.9	43.9	49.5	6.6		
		A-1-a, SaGr, Wet, brn, rec. = 0.4'	4	21.7	54.6	40.1	5.3		
		A-1-b, GrSa, Moist to Wet, brn, rec. = 0.4'	66	14.7	34.7	52.8	12.5		
		boulders, seam with sand 41.0'-43.0', no recovery	Top of rock @ 43.0'						
		RUN#1: BXMDC 43.0'-48.0', rec. = 4.0'. See Geologist's Report	Run#1: 10						
		Geologist's Report	Hole stopped @ 48.0'						
		Run #1: Alternating Gray plagioclase-rich granodiorite gneiss and gray to black biotite plagioclase-rich granodiorite gneiss.. Moderately hard. Unweathered.							
		Low ROD due to mechanical breakage. Competent.							

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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION				HOLE NO.: B-6 SHEET 1 OF 1 DATE STARTED: 9/18/96 DATE COMPLETED: 9/18/96					
PROJECT NAME: READING SITE NAME: VT 44 STATION: 14+50.00 GROUND EL.: 845.18		PROJECT NUMBER: BRS 0148(6)S SITE NO.: BRIDGE #1 OFFSET: -17.00 G.W. DEPTH:		BORING CREW CREW CHIEF: WILLIS DRILLER: CHABOT LOGGER: CHABOT		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
5		A-1-a, SaGr, Wet, gry, rec. = 0.5'	27	19.2	65.7	29.9	4.4		
		No recovery.	8						
		No recovery.	10						
		A-1-b, GrSa, Wet, brn, rec. = 0.7'	19	14	41.8	52.1	6.1		
		A-1-b, GrSa, Wet, brn, rec. = 0.5'	39	16.1	38.5	52.4	9.1		
		boulders and gravel, no recovery	Top of rock @ 35.0'						
		RUN#1: BXMDC 35.0'-40.0', rec. = 3.3'. See Geologist's Report	Run#1: 0						
		RUN#2: BXMDC 40.0'-45.0', rec. = 4.6'. See Geologist's Report	Run#2: 0						
		Geologist's Report	Hole stopped @ 45.0'						
		Run #1: Gray plagioclase- rich granodiorite gneiss. Moderately hard. Unweathered.							
		Low ROD due to mechanical breakage. Competent							
		Run #2: Same as Run #1. Competent							

SHEET NAME: BORING LOG SHEET #2

PROJECT NAME: READING
PROJECT NUMBER: BRS 0148(6)S

HIGHWAY NO.: VT 44
BRIDGE NO.: 1
OVER: THE MILL BROOK

FILE NAME: PW/85e034/Structures/se034bor.dgn
PROJECT MANAGER: R. WHITCOMB
DESIGNED BY: C. CARLSON
BRIDGE SHEET NUMBER:

PLOT DATE: 17-FEB-2006
DRAWN BY: MATERIALS
IPARM NAME: se034br2.i
SHEET 42 OF 83