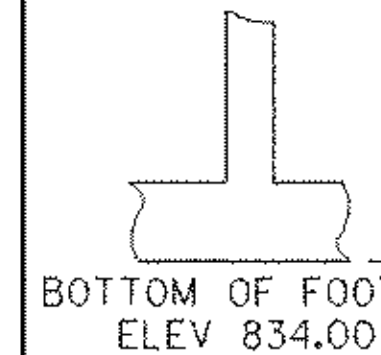
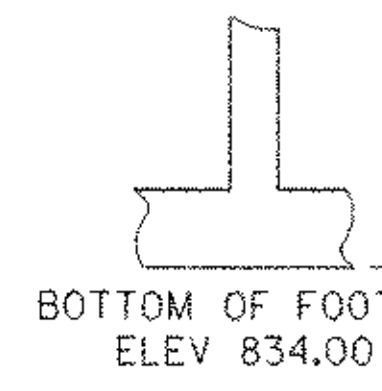


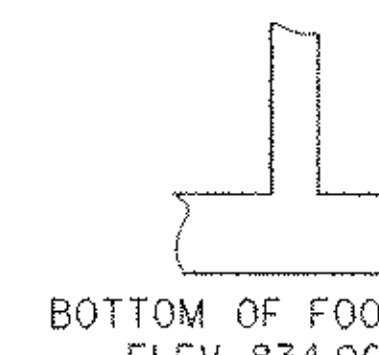
STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-1 SHEET 1 OF 1 DATE STARTED: 9/4/96 DATE COMPLETED: 9/9/96							
PROJECT NAME: READING SITE NAME: VT 44 STATION: 13+50.00 GROUND EL.: 847.97		PROJECT NUMBER: BRS 0148(6)S SITE NO.: BRIDGE #1 OFFSET: 25.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT 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-2-4, GrSa, Moist, br, Rec. = 1.0'	28	17.8	32.8	55.8	11.4		
10		A-1-a, SaGr, Moist, br, Rec. = 1.2'	44	21.6	49.8	41.3	8.9		
15		A-2-4, SiSa, Wet, br, Rec. = 1.1'	17	27.3	2.2	76.6	21.2		
20		A-2-4, Sa, Moist, br, Rec. = 1.2'	15	22.4	11.3	83.4	5.3		
25		A-2-4, Sa, Wet, br, Rec. = 1.1'	9	28.7	0.1	94.4	5.5		
30		A-1-b, GrSa, Wet, br, Rec. = 1.1'	24	23.4	34.6	55.4	10		
35		A-1-b, GrSa, Moist, br, Rec. = 1.8'	21	22.5	32.8	55.2	12		
40		A-1-b, SaGr, Moist, br, Rec. = 1.0'	55	16.3	47	42.8	10.2		
45		Run #1: BXMDC 43.5' - 48.5', Rec. = 3.5' Seam 47.5' - 48.3' See Geologist's Report	Run#1	0	70	0			
50		Run #2: BXMDC 48.5' - 53.5', Rec. = 4.4' See Geologist's Report.	Run#2	0	88	13			
55		Hole stopped @ 53.5'							
60		Geologist's Report							
65		Run #1: Lt. gray, plagioclase-rich granodiorite gneiss. Moderately hard. Unweathered.							
70		Low RQD due to mechanical breakage. Competent							
75		Run #2: Same as Run #1							
80									
85									
90									
95									



STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-2 SHEET 1 OF 1 DATE STARTED: 8/26/96 DATE COMPLETED: 8/30/96							
PROJECT NAME: READING SITE NAME: VT 44 STATION: 13+70.00 GROUND EL.: 846.39		PROJECT NUMBER: BRS 0148(6)S SITE NO.: BRIDGE #1 OFFSET: 0.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: HOLT DRILLER: CHABOT LOGGER: HOLT		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, SaGr, Moist, brn, rec. = 1.0'	19	13.1	44.2	43.8	12		
10		A-1-a, Gr, Wet, brn, rec. = 0.4'	71	11.2	82.9	13.9	3.2		
15		A-1-b, GrSa, Sat., brn, rec. = 0.1'	13	17.2	33.1	64	2.9		
20		A-1-b, GrSa, Sat., brn, rec. = 0.1'	11	23.4	1.1	77	21.9		
25		A-2-4, SiSa, Sat., brn, rec. = 0.8'	9	27.5	6.4	78.2	14.4		
30		A-2-4, Sa, Sat., rd, brn, rec. = 0.8'	9	23.9	9.5	77.8	12.7		
35		A-2-4, Sa, Sat., brn, rec. = 1.1'	6	26.5	0.7	65.6	33.6		
40		A-2-4, Sa, Sat., brn, rec. = 1.2'	6	21.7	3.2	90.1	6.7		
45		A-3, Sa, Sat., brn, rec. = 0.1'	11	17	16.9	76.8	6.3		
50		A-2-4, SiSa, Sat., brn, rec. = 1.2'	6	29.1	18.2	73.9	7.8		
55		A-3, Sa, Sat., brn, rec. = 0.1'	15	26.7	33.6	58.1	8.3		
60		A-2-4, Sa, Sat., red brn, rec. = 1.2'	13	20.1	53.3	41.8	4.9		
65		A-3, Sa, Sat., red brn, rec. = 1.1'	14	18.1	59.7	34.2	6.1		
70		A-1-b, GrSa, Sat., red brn, rec. = 0.7'	16	21.5	18.7	68.7	12.6		
75		A-1-b, GrSa, Sat., red brn, rec. = 0.7'	20	23.3	55.4	35.4	9.2		
80		A-1-a, SaGr, Sat., red brn, rec. = 0.1'	22	19.4	25.5	62.6	11.9		
85		A-1-a, SaGr, Sat., brn, rec. = 0.2'	92	13	40.5	46.4	13.1		
90		A-1-b, Sa, Sat., brn, rec. = 0.4'							
95		A-1-a, SaGr, Wet, brn, rec. = 0.3'							
		A-2-4, GrSa, Wet, brn, rec. = 0.7'	Run#1	0	32	0			
		A-1-b, GrSa, Wet, brn, rec. = 1.3'	Run#2	0	100	92			
		No recovery.	Run#3	0	58	33			
		BXDC, 36.2' - 38.6', boulders, no recovery.							
		Run#1: BXDC 40.2' - 42.2', rec. = 1.6' See Geologist's Report.							
		Run#2: BXMDC 42.2' - 47.2', rec. = 5.0' See Geologist's Report.							
		Run#3: BXMDC 47.2' - 50.2', rec. = 2.9' See Geologist's Report.							
		Geologist's Report							
		Run #1: Lt. gray plagioclase- rich granodiorite gneiss. Moderately hard. Weathered.							
		Low RQD due to mechanical breakage. Competent.							
		Run #2: same as Run #1.							
		Run #3: same as Run #1.							



STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 1 OF 1 DATE STARTED: 9/10/96 DATE COMPLETED: 9/11/96							
PROJECT NAME: READING SITE NAME: VT 44 STATION: 13+75.00 GROUND EL.: 847.70		PROJECT NUMBER: BRS 0148(6)S SITE NO.: BRIDGE #1 OFFSET: -25.00 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		No recovery, sampler plugged with stone.	50						
10		A-1-a, SaGr, Sat., brn, rec. = 0.4'	14	10.1	63.4	33.5	3.1		
15		A-2-4, Sa, Wet., brn, rec. = 1.0'	10	21	6.3	88.2	5.4		
20		A-1-b, Sa, Wet., brn, rec. = 0.8'	15	18.2	45.2	46.3	8.5		
25		No recovery.	27						
30		No recovery.	27						
35		A-1-b, SaGr, hd. pkd., Moist, brn, rec. = 0.5'	R	14.6	57	31.4	11.6		
40		Run#1: BXDC 37.5' - 38.5', rec. = 0.7' See Geologist's Report.							
45		Run#2: BXMDC 38.5' - 43.5', rec. = 3.9' See Geologist's Report.							
50		Run#3: BXMDC 43.5' - 48.5', rec. = 5.0' See Geologist's Report.							
55		Hole stopped @ 48.5'							
60		Geologist's Report							
65		Run #1: Gray plagioclase- rich granodiorite gneiss. Moderately hard. Unweathered.							
70		Poor recovery.							
75		Run #2: Same as Run #1.							
80		Low RQD due to mechanical breakage. Core contains vertical fractures. Competent.							
85		Run #3: Same as Run #1.							
90		Competent.							
95									



SHEET NAME: BORING LOG SHEET #1

PROJECT NAME: READING
PROJECT NUMBER: BRS 0148(6)S
FILE NAME: PW/85e034/Structures/se034bor.dgn
PROJECT MANAGER: R. WHITCOMB
DESIGNED BY: C. CARLSON
BRIDGE SHEET NUMBER:

HIGHWAY NO.: VT 44
BRIDGE NO.: 1
OVER: THE MILL BROOK
PLOT DATE: 17-FEB-2006
DRAWN BY: MATERIALS
IPARM NAME: se034br2.i
SHEET 41 OF 83