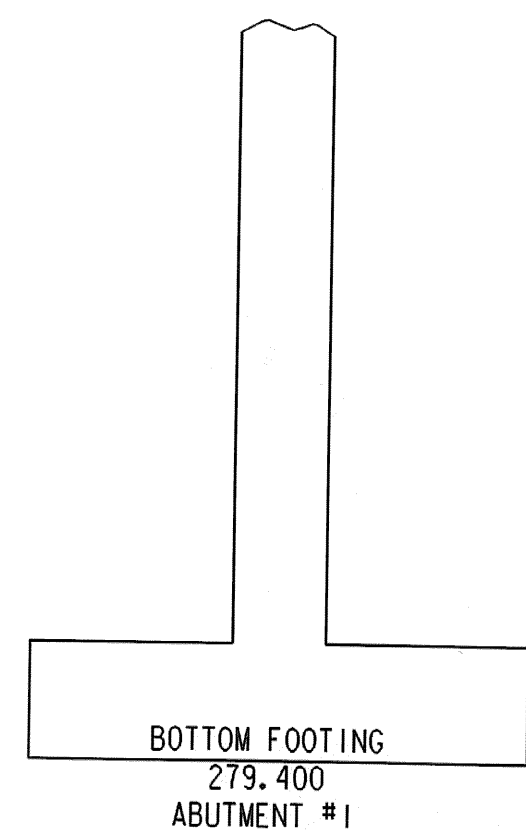
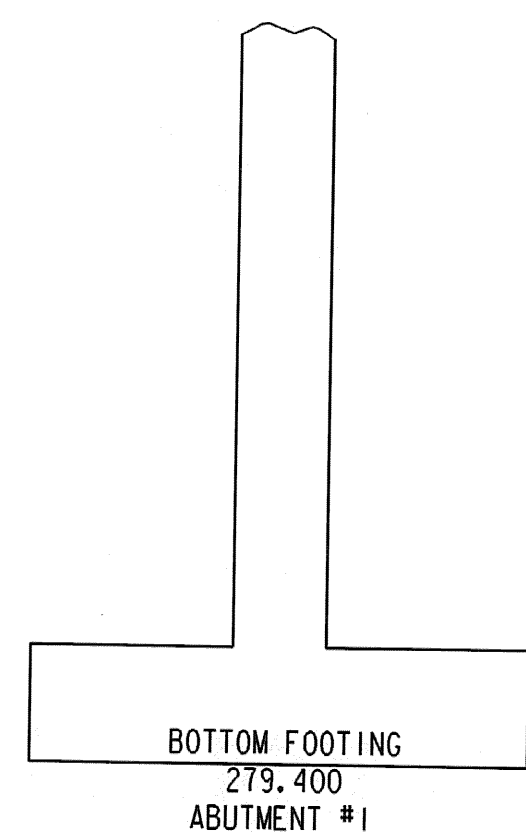


STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-1 SHEET 1 OF 1 DATE STARTED: 7/31/00 DATE COMPLETED: 8/1/00						
PROJECT NAME: SUNDERLAND SITE NAME: BR 14 STATION: 3+625.00 GROUND EL.: 283.441			PROJECT NUMBER: BRF 0114 (2) SITE NO.: TH 3 OFFSET: -8.00 G.W. DEPTH: 1.7						
BORING CREW CREW CHIEF: YOUNG DRILLER: YOUNG LOGGER: CHABOT ADDITIONAL CREW:			BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL						
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
	▽	No Sample, Boulders							
		No Sample, Boulders							
		BXDC, 3.95m-4.25m, Boulders							
5		No Sample, Boulders	R						
		BXDC, 5.70m-6.00m, Boulders							
		A-1-b, SaGr HP, brn-yel, Dry, Rec. = 0.15m	R	8.4	46.5	33.9	19.6		
		A-1-a, Gr HP, brn, Dry, Rec. = 0.08m	R	3.8	70.7	19.6	9.7		
			R						
Hole stopped @ 9.00m									
10	Drillers Notes: No water return through-out drilling operation. 4.25m - Changed casing bit. 7.22m - Changed casing bit.								
GEOLOGISTS REPORT:									



STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-3 SHEET 1 OF 1 DATE STARTED: 7/27/00 DATE COMPLETED: 7/28/00						
PROJECT NAME: SUNDERLAND SITE NAME: BR 14 STATION: 3+624.00 GROUND EL.: 284.313			PROJECT NUMBER: BRF 0114 (2) SITE NO.: TH 3 OFFSET: 6.00 G.W. DEPTH:						
BORING CREW CREW CHIEF: YOUNG DRILLER: YOUNG LOGGER: CHABOT ADDITIONAL CREW:			BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL						
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No Sample, Boulders							
		BXDC, 3.0m-3.6m, No Sample, Boulders							
5		BXDC, 4.5m-5.4m, No Sample, Boulders							
		BXDC, 6.0m-6.6m, No Sample, Boulders							R
		BXDC, 7.5m-7.8m, No Sample, Boulders							
		BXDC, 8.1m-9.5m, No Sample, Boulders							
10	Hole stopped @ 9.50m								
	Drillers Notes: 6.80m - Changed casing bit. No water return through-out drilling operation.								
GEOLOGISTS REPORT:									



SHEET NAME: BORING LOG SHEET		
PROJECT NAME: SUNDERLAND	HIGHWAY NO.: TH 3	
PROJECT NUMBER: BRF 0114(2)	BRIDGE NO.: 14	RIVER: ROARING BRANCH
FILE NAME: /PW/93J009/sj009bor.dgn	PLOT DATE: 14-DEC-2005	
PROJECT MANAGER: R. R. WHITCOMB	DRAWN BY: T. TOUCHETTE	
DESIGNED BY: C.C. BENDA	IPARM NAME: sj009br2.1	
	SHEET 19 OF 67	