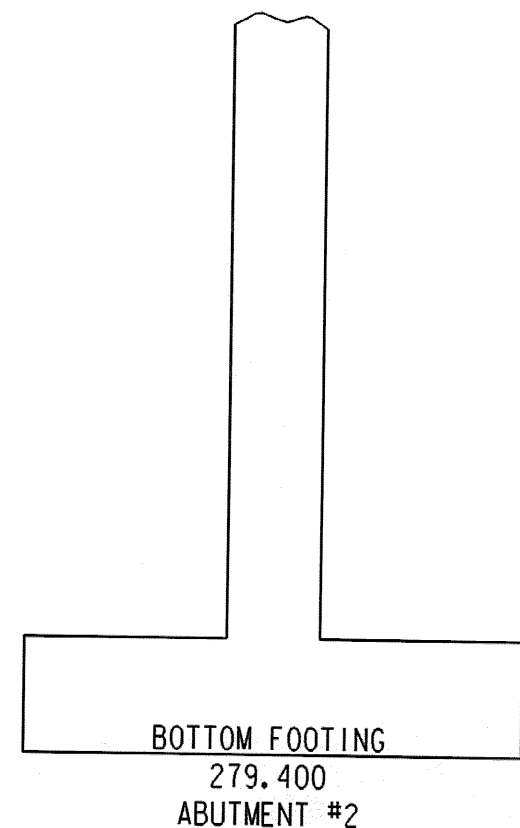


STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 1 OF 2 DATE STARTED: 6/23/00 DATE COMPLETED: 7/11/00							
PROJECT NAME: SUNDERLAND SITE NAME: BR 14 STATION: 3+656.00 GROUND EL.: 283.705		PROJECT NUMBER: BRF 0114 (2) SITE NO.: TH 3 OFFSET: -5.50 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: YOUNG LOGGER: CHABOT ADDITIONAL CREW:		BORING RIG: UNI-MOG 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
		BXDC, 0.30m-5.35m, Boulders							
5		BXDC, 6.0m-7.5m, Boulders	R						
		A-l-b, SaGr, Lt/brn, Moist, Rec. = 0.20m	R	10.4	56.8	26.8	16.4		
		BXDC, 7.7m-9.0m, Boulders							
		A-l-b, SiSaGr, Lt/brn, Moist, Rec. = 0.05m	R	13.7	41.3	35	23.7		
10		A-l-a, Gr, Lt/brn, Moist, Rec. = 0.05m	R	12.8	79.5	15.2	5.3		
		BXDC, 11.01m-15.00m, Boulders	R						
15			R						
GEOLOGISTS REPORT:									



STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 2 OF 2 DATE STARTED: 6/23/00 DATE COMPLETED: 7/11/00							
PROJECT NAME: SUNDERLAND SITE NAME: BR 14 STATION: 3+656.00 GROUND EL.: 283.705		PROJECT NUMBER: BRF 0114 (2) SITE NO.: TH 3 OFFSET: -5.50 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: YOUNG LOGGER: CHABOT ADDITIONAL CREW:		BORING RIG: UNI-MOG 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
15		BXDC, 15.0m-16.20m, Boulders	R						
		A-l-b, GrSiSa, yel-brn, Moist, Rec. = 0.03m	R	19.4	23.3	51.8	24.9		
		BXDC, 16.67m-18.00m, Boulders							
			R						
Hole stopped @ 18.00m									
Drillers Notes: Changed casing bit at 0.83m, and 3.00m. Changed core barrel bit at 1.65m, 5.35m, & 12.35m. No water return through-out drilling operation.									
20									
25									
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: sj009br3.1
	SHEET 20 OF 67