

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-104 SHEET 1 OF 3 DATE STARTED: 11/2/00 DATE COMPLETED:							
PROJECT NAME: CORNWALL SITE NAME: BR 9 STATION: 0+790.00 GROUND EL.:		PROJECT NUMBER: BRS 0172 (6) SITE NO.: VT 125 OFFSET: 0.00 G.W. DEPTH: 0.00							
BORING CREW CREW CHIEF: TALLMAN DRILLER: CHABOT LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: TRACTOR 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, Ledge Fill							
		A-8, Organic Silt, brn, Sat, Rec. = 0.23m, Tested 22.04% Organic	2	141.3					
		A-8, Organic Silt, brn, Sat, Rec. = 0.28m, Tested 26.4% Organic	WH	246.3					
5		A-4, SiSa, gry, MTW, Rec. = 0.48m	10	22.1	0.2	61.1	38.7		
		A-4, SaSi, gry, MTW, Rec. = 0.24m	18	21.5		33.9	66.1		
		A-4, SiSa, gry, MTW, Rec. = 0.44m	14	22.1	0.8	59.1	40.1		
		A-3, Sa, gry, MTW, Rec. = 0.15m	7	21.5	4.7	91.9	3.4		
		A-3, Sa, gry, Moist, Rec. = 0.40m	8	20.2	1.4	96.9	1.7		
10		A-3, Sa, gry, Moist, Rec. = 0.33m	5	19.9	6.2	91.4	2.4		
		No Sample, Flowing sand, Casing plugged.							
		A-2-4, Sa, gry, Moist, Rec. = 0.44m	8	19.5	9.6	77.7	12.7		
		A-4, Si, gry, MTW, Rec. = 0.46m	23	28.2	0.8	9	90.2		

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PROJECT NAME: CORNWALL SITE NAME: BR 9 STATION: 0+790.00 GROUND EL.:		PROJECT NUMBER: BRS 0172 (6) SITE NO.: VT 125 OFFSET: 0.00 G.W. DEPTH: 0.00							
BORING CREW CREW CHIEF: TALLMAN DRILLER: CHABOT LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: TRACTOR 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
		A-4, SiSa, gry, Moist, Rec. = 0.56m	36	19.2	2.4	60.6	37		
		A-2-4, Sa, gry, Moist, Rec. = 0.60m	20	14.2	8.8	78	13.2		
		A-4, SaSi, gry, MTW, Rec. = 0.43m	5	22.4	0.3	34	65.7		
20		A-4, SaSi, gry, Moist, Rec. = 0.22m	14	16.7	18.2	27.4	54.4		
		A-3, GrSa, gry, Moist, Rec. = 0.58m	35	14	20.2	72.3	7.5		
		No sample, Stone in sampler.							
		No sample, Stone in sampler.	R						
25		BXDC, 24.90m-25.60m, Boulders							
		BXDC, 26.92m-27.22m, Boulders							
		A-2-4, SiSa, gry, Moist, Rec. = 0.60m	R	14.3	3.4	65.6	31		

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BORING CREW CREW CHIEF: TALLMAN DRILLER: CHABOT LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: TRACTOR 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
		A-2-4, SiSa, gry, Moist, Rec. = 0.60m	92	13.1	0.9	65.9	33.2		
		A-3, Sa, gry, Moist, Rec. = 0.60m	95	18.4		93.5	6.5		
35		No sample, Flowing sand up in casing.							
		A-4, SaSi, gry, Dry, Rec. = 0.51m	53	9	4.9	30.6	64.5		
40		Hole stopped @ 39.60m							

- DRILLER'S NOTES:
- At 22.50m changed over to 88mm casing.
 - Changed casing bit at 26.00m
 - Water flowing above casing at 22.50m, Measured 13.9 gpm.
 - Flow stopped at 28.00m.