

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-106 SHEET 1 OF 4 DATE STARTED: 10/17/00 DATE COMPLETED: 10/26/00							
PROJECT NAME: CORNWALL SITE NAME: BR 9 STATION: I+159.20 GROUND EL.: 42.62		PROJECT NUMBER: BRS 0172 (6) SITE NO.: VT 125 OFFSET: -28.00 G.W. DEPTH: 0.00							
BORING CREW CREW CHIEF: YOUNG 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-8, Organic Silt, brn, Sat, Rec. = 0.15m Tested 33.5% Organic	3	393.4					
		A-8, Organic Silt, brn, Sat, Rec. = 0.17m Tested 24.1% Organic	WH	319.7					
		A-8, Organic Silt, brn, Sat, Rec. = 0.60m Tested 20.6% Organic	2	322.8					
		A-4, Silt with Little Organics, brn-gry, Sat, Rec. = 0.45m Tested 15.4% Organic	3	113.4					
5		A-2-4, SiSa, gry, MTW, Rec. = 0.30m	5	45.4	0.9	67.3	31.8		
		A-3, GrSa, gry, Moist, Rec. = 0.40m	18	14	31	64.2	4.8		
		A-3, Sa, gry, MTW, Rec. = 0.60m	28	20.8	2.8	93.5	3.7		
		A-3, Sa, gry, MTW, Rec. = 0.12m	7	24.6		95.4	4.6		
		A-1-b, Sa, gry, MTW, Rec. = 0.10m	11	21.4	7.7	91.3	1		
10		A-3, Sa, gry, MTW, Rec. = 0.28m	9	21	1	97.6	1.4		
		A-3, Sa, gry, Moist, Rec. = 0.33m	16	20.4	1.2	97.3	1.5		
		A-2-4, Sa, gry, Moist, Rec. = 0.50m	33	20.2	0.4	88.4	11.2		
		A-2-4, SiSa, gry, Moist, Rec. = 0.60m	8	17.4	2.2	76.7	21.1		

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PROJECT NAME: CORNWALL SITE NAME: BR 9 STATION: I+159.20 GROUND EL.: 42.62		PROJECT NUMBER: BRS 0172 (6) SITE NO.: VT 125 OFFSET: -28.00 G.W. DEPTH: 0.00							
BORING CREW CREW CHIEF: YOUNG 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, SeSi, gry, MTW, Rec. = 0.20m	6	20.8	1.6	41.4	57		
		A-3, GrSa, gry, Moist, Rec. = 0.22m	3	14.7	27.3	66.3	6.4		
		A-2-4, SiSa, gry, Moist, Rec. = 0.60m	4	19	2.1	65.9	32		
20		A-2-4, SiSa, gry, Moist, Rec. = 0.60m	23	14.4	19.9	47	33.1		
		BXDC, 21.5m-22.8m, Boulders							
		No Rec.	38						
25		A-2-4, GrSa, gry, Dry, Rec. = 0.50m	24	9.2	34.6	46.7	18.7		
		No sample, Stone in casing.							
		A-1-a, SaGr, gry, Dry, Rec. = 0.49m	74	9.5	61.5	32.3	6.2		
		A-2-4, GrSa, gry, Moist, Rec. = 0.33m	R	13.1	26.9	53.2	19.9		

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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-4, SiSa, gry, Moist, Rec. = 0.36m	R	13.3	1	50.4	48.6		
		A-4, SiSa, gry, Moist, Rec. = 0.60m	R	13.8	1	53.3	45.7		
35		A-2-4, Sa, gry, MTW, Rec. = 0.23m	R	21.9	0.2	81.5	18.3		
		No Rec.	R						
40		Visual Classification: A-4, Si, brn, Moist, Insufficient sample for testing.	R						

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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		Visual Classification: Broken Rock, Insufficient sample for testing.	R						
		Hole stopped @ 45.60m							

DRILLER'S NOTES:
 1. Monitoring well installed.
 0.21m of well casing extends above ground elevation.
 2. Water table observed at ground surface on 03/15/01.

BORING LOG SHEET 4

DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83(92)

PROJECT: CORNWALL PROJECT NO.: BRS 0172 (6)
 DESIGN FILE NAME: z85e042bor logs.dgn PLOT DATE: 3/15/2010
 IPARM FILE NAME: SURVEYED BY: SURVEY DATE:
 SQUAD LEADER: C. C. BENDA DRAWN BY: J. TOUCHETTE
 DATE: 03/01 SHEET: 72 OF 144