



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-101
SHEET 1 of 1
DATE STARTED: 2/03/09
DATE COMPLETED: 2/05/09

PROJECT NAME: CHESTER
SITE NAME: VT-103
STATION: 12+76
OFFSET: -31.00
VTSPG: N 276326.55 ft E 1616990.57 ft

PROJECT NUMBER: BRF 025-1(37)SC
SITE NUMBER: BR-9
GROUND ELEVATION: 583.47 ft
GROUNDWATER DEPTH: 9.5 ft 2/04/09
PROJECT PIN NUMBER: 95B168

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: MAHMUTOVIC

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		Visual Classification, A-2-4, GrSiSa with roots & leaves, brn, Moist, Rec. = 0.8 ft	30	29.8			
		A-2-4, GrSa, brn, MTW, Rec. = 0.5 ft	16	23.5	23.4	58.6	18.0
		A-1-b, SaGr, brn, MTW, Rec. = 0.7 ft	15	18.8	43.9	43.0	13.1
		A-1-b, GrSa, brn, MTW, Rec. = 1.4 ft	12	14.5	32.7	57.4	9.9
		A-1-a, SaGr, brn, Wet, Rec. = 1.0 ft	28	19.0	63.0	31.6	5.4
		A-1-a, SaGr, brn, Wet, Rec. = 1.1 ft	41	10.7	61.7	26.7	11.6
		A-4, GrSiSa, gry, MTW, Rec. = 1.2 ft	41	14.8	24.2	38.0	37.8
		A-4, SaGrSi, gry, MTW, Rec. = 0.7 ft	25	14.8	37.1	23.4	39.5
		A-4, SaSi, gry, MTW, Rec. = 1.4 ft	35	17.0	16.1	41.6	42.3
		A-2-4, SiSa, gry, MTW, Rec. = 1.3 ft	43	22.1	0.7	68.7	30.6
		A-3, Sa, gry, MTW, Rec. = 1.7 ft	62	17.8	4.8	86.2	9.0
		Field Class:, BXMDC, Cobbles					
		Field Class:, BXMDC, Boulder, Advanced casing.					
		Field Class:, BXMDC, Cobbles, Advanced casing.					
		Field Note:, No recovery, Appears to be cobbles and silt, Changed bit	R				
		A-1-a, SaGr, gry, MTW, Rec. = 0.4 ft, Broken rock was within sample.	R	8.3	65.4	28.0	6.6
		A-3, Sa, gry, MTW, Rec. = 0.3 ft	R	17.3	0.8	92.2	7.0
		Field Note:, No recovery, Appears to be sand	R				
		Gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 57.1 ft - 62.1 ft, Rec. = 5.0 ft	1	100	48	20	14 12 12 12
		Gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 62.1 ft - 67.1 ft, Rec. = 5.0 ft	2	100	44	20	12 12 12 12
		Hole stopped @ 67.1 ft					12

LOG OF BORING CHESTER BRF 025-1(37)SC.GPJ VT AOT.GDT 5/13/09