



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

BORING NUMBER: B-106  
SHEET 1 of 1  
DATE STARTED: 2/09/09  
DATE COMPLETED: 2/11/09

PROJECT NAME: CHESTER  
SITE NAME: VT-103  
STATION: 13+81  
OFFSET: 29.00  
VTSPG: N 276215.83 ft E 1617021.04 ft

PROJECT NUMBER: BRF 025-1(37)SC  
SITE NUMBER: BR-9  
GROUND ELEVATION: 584.78 ft  
GROUNDWATER DEPTH: 10.8 ft 2/10/09  
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

BOTTOM OF PILE CAP = 575.00

ESTIMATED PILE TIP

LOG OF BORING CHESTER BRF 025-1(37)SC.dgn VT AGT.dwt 5/13/09

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)		
10		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft, Very strong petroleum odor.	49	9.0	17.6	58.9	23.5		
		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft, Very strong petroleum odor.	14	6.3	52.1	41.4	6.5		
		A-2-4, GrSa, brn, Moist, Rec. = 0.9 ft	13	7.5	30.3	56.0	13.7		
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	18	9.8	37.7	45.5	16.8		
		A-1-b, GrSa, brn, MTW, Rec. = 0.8 ft	27	7.8	44.7	44.9	10.4		
		A-1-b, GrSa, brn, MTW, Rec. = 0.5 ft	R	10.9	35.5	47.0	17.5		
		BXDC, Boulder, 10.6 ft - 12.0 ft	23	17.9	21.8	63.5	14.7		
		A-2-4, GrSa, gry, Wet, Rec. = 0.8 ft	9	18.3	32.2	59.4	8.4		
		A-3, GrSa, gry, Wet, Rec. = 0.3 ft, There was one stone in sample.	25						
		Field Note: No Recovery, Stone in sampler.	17	16.1	20.3	48.8	30.9		
		A-2-4, GrSiSa, gry, Wet, Rec. = 0.9 ft	36	18.8	10.0	52.8	37.2		
		A-4, SiSa, gry, Wet, Rec. = 1.5 ft							
		A-4, SaSi, gry, Wet, Rec. = 1.6 ft	78	20.2	10.5	29.5	60.0		
30		A-6, SiCl, gry, Wet, Rec. = 0.7 ft	6	35.1	0.0	2.3	97.7	39	15
		BXDC, Boulder, 32.3 ft - 34.5 ft							
		A-2-4, SiSa, gry, Wet, Rec. = 0.4 ft	R	12.1	19.6	50.1	30.3		
40		BXMDC, Boulder, 38.8 ft - 41.8 ft							
		A-2-4, GrSiSa, gry, Wet, Rec. = 0.5 ft	R	11.0	26.6	43.8	29.6		
50		A-2-4, SiSa, gry, Wet, Rec. = 0.7 ft	R	20.1	0.0	69.3	30.7		
		A-2-4, SiSa, gry, Wet, Rec. = 0.7 ft	R	21.2	0.8	74.2	25.0		
		Top of Bedrock @ 58.0 ft							
60		Black and gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 58.0 ft - 63.0 ft, Rec. = 4.9 ft	1	98	52	20	6 10 10 10 10		
		Black and gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 63.0 ft - 68.0 ft, Rec. = 4.2 ft	2	84	48	20	10 10 10 10		
70		Hole stopped @ 68.0 ft					9 8		

PROJECT NAME: CHESTER  
PROJECT NUMBER: BRF 025-1(37)

FILE NAME: s95b168bor.dgn PLOT DATE: 20-SEP-2010  
PROJECT LEADER: C.P.WILLIAMS DRAWN BY: D.D.BEARD  
DESIGNED BY: H.J.SALLS CHECKED BY: R.S.YOUNG  
BRIDGE 9 BORING LOG - SHEET 3 SHEET 77 OF 124