



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

BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 3/20/09
 DATE COMPLETED: 4/09/09

PROJECT NAME: CHESTER
 SITE NAME: VT-103
 STATION: 12+18
 OFFSET: 10.00
 VTSPG: N 276342.22 ft E 1616923.35 ft

PROJECT NUMBER: BRF 025-1(37)SC
 SITE NUMBER: BR-9
 GROUND ELEVATION: 585.45 ft
 GROUNDWATER DEPTH: 13.0 ft 4/08/09
 PROJECT PIN NUMBER: 95B168

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: PORTER

BORING RIG: LAG TRACK RIG #09 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)
0.0		Asphalt Pavement, 0.0 ft - 0.8 ft					
0.8		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft	37	13.6	48.3	39.3	12.4
1.8		A-2-4, GrSa, brn, Moist, Rec. = 1.0 ft, Advanced & cleaned out casing to 8.0 ft.	7	18.3	27.7	54.2	18.1
10.0		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Broken Rock was within sample.	40	9.6	62.1	30.7	7.2
11.0		BXDC, Cobbles, 10.0 ft - 11.0 ft					
15.0		A-2-4, GrSa, brn, Moist, Rec. = 1.5 ft	30	13.5	25.4	60.0	14.6
20.0		BXDC, Cobbles, 18.0 ft - 20.0 ft					
30.0		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	44	20.5	5.1	30.6	64.3
32.0		A-2-4, GrSa, gry, Moist, Rec. = 1.2 ft, Broken Rock was within sample.	68	14.1	35.9	46.0	18.1
34.0		A-4, SaGrSi, gry, Moist, Rec. = 1.4 ft, Broken Rock was within sample.	88	12.8	35.7	28.0	36.3
40.0		Visual Classification, Very Fine Sand					
41.0		BXMDC, Cobbles, 37.8 ft - 41.8 ft					
45.0		Visual Classification, Appears to be Sand					
50.0		Visual Classification, Appears to be Silty Sand					
60.8		Top of Bedrock @ 60.8 ft					
60.8		Gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 60.8 ft - 65.8 ft, Rec. = 4.8 ft	1	96	58	35	7
65.8		Hole stopped @ 65.8 ft					6
							7
							7
							7
70.0							

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