



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

BORING NUMBER: B-005  
SHEET 1 of 2  
DATE STARTED: 3/22/06  
DATE COMPLETED: 3/28/06

PROJECT NAME: EAST MONTPELIER  
SITE NAME: RT-14  
STATION: 127+79  
OFFSET: 37.00  
VTSPG: N 644340.09 ft E 1643453.20 ft

PROJECT NUMBER: BRF 037-1(7)  
SITE NUMBER: BR-68  
GROUND ELEVATION: 661.45 ft  
GROUNDWATER DEPTH: 7.5 ft 3/28/06  
PROJECT PIN NUMBER: 98B252

BORING CREW  
CREW CHIEF: TALLMAN  
DRILLER: TALLMAN  
LOGGER: PORTER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-1-b, GrSa with some topsoil, brn, Moist, Rec. = 2.0 ft	3	21.3	23.6	64.8	11.6
		A-3, Sa, brn, Moist		9.7	0.9	91.7	7.4
5		Field Class., Boulders and cobbles, No sample, Cored ahead					
10		A-2-4, SiGrSa, brn, Moist, Rec. = 1.1 ft	40	12.8	29.7	42.5	27.8
15		A-4, SaSi, gry, Moist, Rec. = 1.2 ft	75	12.0	17.7	26.9	55.4
20		A-4, SaSi, gry, Moist, Rec. = 0.35 ft, Cleaned out casing.	R	10.5	19.3	23.5	57.2
25		A-4, SaSi, gry, Moist, Rec. = 0.8 ft, Cleaned out casing.	R	9.5	11.7	24.8	63.5
30		A-4, SaSi, gry, Moist, Rec. = 0.8 ft, Cleaned out casing.	R	9.6	15.5	23.0	61.5
35		A-4, SaGrSi, gry, Moist, Rec. = 1.4 ft, Cleaned out casing.	91	9.8	26.4	22.3	51.3
40		A-4, SaSi, gry, Moist, Rec. = 0.8 ft	R	10.4	16.8	23.2	60.0
45		A-4, SaGrSi, gry, Moist, Rec. = 0.95 ft	86	9.7	23.1	22.0	54.9

LOG OF BORING EAST MONTPELIER BRF 037-1(7).GPJ VT\_AOT.GDT 12/12/06



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaGrSi, gry, Moist, Rec. = 0.85 ft	86	9.6	25.6	20.4	54.0
55		A-4, SaSi, gry, Moist, Rec. = 0.5 ft	R	10.3	16.1	22.8	61.1
60		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft	81	10.6	20.1	23.4	56.5
65		A-4, SaSi, gry, Moist, Rec. = 1.1 ft	73	10.8	16.4	23.6	60.0
70		A-4, Si, gry, Moist, Rec. = 1.5 ft	42	14.3	13.5	15.4	71.1
75		A-4, SaSi, gry, Moist, Rec. = 0.95 ft	79	10.4	14.4	22.0	63.6
80		A-4, SaSi, gry, Moist, Rec. = 0.75 ft	R	18.1	19.3	30.2	50.5
85		A-4, SaGrSi, gry, Moist, Rec. = 0.9 ft	77	10.7	20.3	20.1	59.6
90		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	31	11.5	10.1	23.2	66.7
95		Hole stopped @ 92.0 ft					

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