

PROJECT NAME: EAST MONTPELIER  
 SITE NAME: RT-14  
 STATION: 129+40  
 OFFSET: 55.00  
 VTSPG: N 644490.6443 ft E 1643393.7302 ft

PROJECT NUMBER: BRF 037-1(7)  
 SITE NUMBER: BR-68  
 GROUND ELEVATION: 665.97 ft  
 GROUNDWATER DEPTH: 13.7 ft 2/23/06  
 PROJECT PIN NUMBER: 98B252

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

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

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0		A-2-4, Sa with small root material, brn, Moist, Rec. = 0.25 ft	2	38.2	8.3	79.5	12.2
5		A-2-4, SiSa, brn, Moist, Rec. = 0.25 ft	2	15.1	11.1	68.7	20.2
5		A-2-4, GrSa, brn, Moist, Rec. = 0.5 ft	2	15.2	21.3	67.4	11.3
5		A-4, SaSi with Little Organics (12.7%), gry, Moist, Rec. = 1.1 ft	4	78.0	2.1	35.6	62.3
10		A-4, Si with a Trace of Organics (9.8%), gry, Moist, Rec. = 1.4 ft	4	57.1	2.4	16.8	80.8
10		A-4, SaSi with Wood particles, gry, Moist, Rec. = 0.4 ft	4	60.8	3.0	28.7	68.3
15		Visual Class.: Wood, brn, Moist, Rec. = 0.9 ft, Lost water at 13.0', Cleaned out casing	2				
15		A-4, SaSi, gry, Moist, Rec. = 0.2 ft, Water returned at the start of the day	2	12.1	13.1	25.6	61.3
15		A-4, SaGrSi, gry, Moist, Rec. = 1.1 ft, Cleaned out casing	21	10.2	27.3	25.1	47.6
20		A-4, GrSaSi, gry, Moist, Rec. = 0.4 ft	R	7.8	21.6	29.0	49.4
20		A-4, SaSi, gry, Moist, Rec. = 0.9 ft, Cleaned out casing	R	10.1	13.8	24.5	61.7
25		A-4, SaSi, gry, Moist, Rec. = 0.95 ft	R	10.0	13.6	25.5	60.9
25		A-4, SaSi, gry, Moist, Rec. = 0.9 ft	R	9.8	18.1	25.3	56.6
30		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft, Cleaned out casing	R	9.3	21.6	24.4	54.0
30		A-4, SaSi, gry, Moist, Rec. = 0.8 ft	R	9.0	19.0	27.7	53.3
30		A-4, SaSi, gry, Moist, Rec. = 1.2 ft, Cleaned out casing	88	10.4	16.9	24.6	58.5
35		A-4, SaSi, gry, Moist, Rec. = 0.6 ft, Cleaned out casing	R	10.7	19.2	26.2	54.6
40		A-4, SaGrSi, gry, Moist, Rec. = 0.65 ft, Cleaned out casing	R	9.2	24.5	24.3	51.2
45		A-4, SaSi, gry, Moist, Rec. = 1.25 ft, Cleaned out casing	73	10.7	15.7	24.4	59.9

LOG OF BORING EAST MONTPELIER BRF 037-1(7) SPT - VT ADT/06T 5/24/06

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55		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing	R	9.3	17.5	24.4	58.1
55		A-4, GrSaSi, gry, Moist, Rec. = 1.3 ft, Cleaned out casing	80	10.0	20.7	24.3	55.0
60		A-4, SaSi, gry, Moist, Rec. = 0.9 ft, Cleaned out casing	R	10.1	16.5	23.2	60.3
65		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing	R	11.0	19.2	20.4	60.4
70		A-4, SaSi, gry, Moist, Rec. = 1.4 ft, Cleaned out casing	73	10.9	14.1	23.6	62.3
80		A-4, SaSi, gry, Moist, Rec. = 1.3 ft, Cleaned out casing	55	11.0	17.0	25.7	57.3
85		Field Note: Cobbles					
90		A-4, GrSi, gry, Moist, Rec. = 1.6 ft	64	10.0	30.3	18.8	50.9

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PIER NO. 2 DRILLED SHAFT  
TIP EL. 581.00

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105		A-4, SaSi, gry, Moist, Rec. = 1.75 ft	64	11.0	18.2	20.9	60.9
110		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	65	11.2	13.8	22.6	63.6
120		Dark gray, Slate, Poor RQD may be due to mechanical breakage., Moderately soft, Unweathered, NXMDC, 120.0 ft - 125.0 ft, Rec. = 3.65 ft	1	73	0	10	13
125		Dark gray, Slate, Poor RQD may be due to mechanical breakage., Moderately soft, Unweathered, NXMDC, 125.0 ft - 130.0 ft, Rec. = 5.0 ft	2	100	0	10	6
130		Hole stopped @ 130.0 ft					

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