

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT-14
 STATION: 127+87
 OFFSET: -26.00
 VTSPG: N 644317.5276 ft E 1643393.8366 ft

PROJECT NUMBER: BRF 037-1(7)
 SITE NUMBER: BR-68
 GROUND ELEVATION: 663.26 ft
 GROUNDWATER DEPTH: 8.0 ft 3/16/06
 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 (%)					
								RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)
5		A-4, SiSa with Wood & small roots, brn, Moist, Rec. = 0.6 ft	7	32.9	6.8	54.3	38.9					
		A-4, SoSi, brn, Moist, Rec. = 1.9 ft	6	22.9	2.7	44.9	52.4					
		A-4, Si, brn, Moist, Rec. = 1.9 ft	8	29.9	2.7	19.2	78.1					
		No Recovery, 6.0 ft - 8.0 ft	5									
10		A-2-4, SiGrSa, brn, Moist, Rec. = 1.6 ft	35	15.2	34.8	36.5	28.7					
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft	35	16.1	25.9	44.0	30.1					
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft	32	14.5	34.7	41.9	23.4					
15		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft	27	14.6	27.4	40.6	32.0					
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.6 ft, Cleaned out casing.	21	8.0	48.2	31.0	20.8					
20		A-4, Si, gry, Moist, Rec. = 1.5 ft, Cleaned out casing.	31	18.0	0.9	14.2	84.9					
		A-4, Si, gry, Moist, Rec. = 1.65 ft, Cleaned out casing.	68	17.3	2.4	8.6	89.0					
		A-4, SoSi, gry, Moist, Rec. = 1.0 ft, Cleaned out casing.	R	13.2	9.3	20.1	70.6					
25		A-4, SoSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing.	R	9.7	16.2	24.7	59.1					
		A-4, SoSi, gry, Moist, Rec. = 0.65 ft, Cleaned out casing.	R	9.7	13.3	24.1	62.6					
		A-4, SoGrSi, gry, Moist, Rec. = 0.35 ft, Cleaned out casing.	R	8.7	23.4	23.4	53.2					
30		A-4, SoSi, gry, Moist, Rec. = 1.0 ft, Cleaned out casing.	R	10.0	8.8	27.3	63.9					
35		A-4, SoSi, gry, Moist, Rec. = 0.7 ft, Cleaned out casing.	R	10.6	10.7	25.0	64.3					
40		A-4, SoGrSi, gry, Moist, Rec. = 0.75 ft, Cleaned out casing.	R	9.2	30.7	28.0	41.3					
45		A-4, SoSi, gry, Moist, Rec. = 0.5 ft	R	10.0	15.3	25.0	59.7					

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								RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)
55		A-4, SoSi, gry, Moist, Rec. = 1.75 ft, Cleaned out casing.	75	10.1	17.4	21.8	60.8					
65		A-4, SoSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing.	R	10.7	7.6	24.4	68.0					
75		A-4, SoSi, gry, Moist, Rec. = 0.7 ft, Cleaned out casing.	R	10.5	10.8	25.7	63.5					
85		A-4, SoSi, gry, Moist, Rec. = 1.2 ft, Cleaned out casing.	85	11.2	10.5	25.2	64.3					
95		No Sample, Stone in the end of sample barrel, 95.0 ft - 97.0 ft										

PIER NO. 1 DRILLED SHAFT
 TIP EL. 581.00

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105		Field Note: Cobbles, No sample, Cleaned out casing.										
115		A-4, GrSi, gry, Moist, Rec. = 1.45 ft	60	11.1	25.9	17.8	56.3					
125		A-4, SoSi, gry, Moist, Rec. = 1.6 ft	70	10.7	19.4	23.3	57.3					
135		Dark gray, Carbonaceous Slate, with calcite and quartz veins, Competent, Moderately soft, Unweathered, NXMDC, 133.0 ft - 138.0 ft, Rec. = 5.0 ft	1	100	74	65	9					
140		Dark gray, Carbonaceous Slate, with calcite and quartz veins, Competent, Last part of core while pulling it up the casing. Tried retrieving but couldn't, Moderately soft, Unweathered, NXMDC, 138.0 ft - 143.0 ft, Rec. = 2.7 ft	2	54	54	65	12					
145		Hole stopped @ 143.0 ft										

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