

BORING NUMBER: B-001
 SHEET 1 of 3
 DATE STARTED: 2/23/06
 DATE COMPLETED: 3/15/06

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT-14
 STATION: 127+87
 OFFSET: -26.00
 VTSPG: N 644317.53 ft E 1643393.84 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 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 (%)
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, SaSi, 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, SaSi, gry, Moist, Rec. = 1.0 ft, Cleaned out casing.	R	13.2	9.3	20.1	70.6
25		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing.	R	9.7	16.2	24.7	59.1
		A-4, SaSi, gry, Moist, Rec. = 0.65 ft, Cleaned out casing.	R	9.7	13.3	24.1	62.6
		A-4, SaGrSi, gry, Moist, Rec. = 0.35 ft, Cleaned out casing.	R	8.7	23.4	23.4	53.2
30		A-4, SaSi, gry, Moist, Rec. = 1.0 ft, Cleaned out casing.	R	10.0	8.8	27.3	63.9
35		A-4, SaSi, gry, Moist, Rec. = 0.7 ft, Cleaned out casing.	R	10.6	10.7	25.0	64.3
40		A-4, SaGrSi, gry, Moist, Rec. = 0.75 ft, Cleaned out casing.	R	9.2	30.7	28.0	41.3
45		A-4, SaSi, gry, Moist, Rec. = 0.5 ft	R	10.0	15.3	25.0	59.7

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

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55		A-4, SaSi, gry, Moist, Rec. = 1.75 ft, Cleaned out casing.	75	10.1	17.4	21.8	60.8
65		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing.	R	10.7	7.6	24.4	68.0
75		A-4, SaSi, gry, Moist, Rec. = 0.7 ft, Cleaned out casing.	R	10.5	10.8	25.7	63.5
85		A-4, SaSi, 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					

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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)
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, SaSi, 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 9 15 13 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 13 9 10 9
145		Hole stopped @ 143.0 ft					

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