

BORING NUMBER: B-011
 SHEET 1 of 3
 DATE STARTED: 2/07/06
 DATE COMPLETED: 2/23/06

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT-14
 STATION: 129+40
 OFFSET: 55.00
 VTSPG: N 644490.64 ft E 1643393.73 ft

PROJECT NUMBER: BR-68
 SITE NUMBER: BR-68
 GROUND ELEVATION: 665.97 ft
 GROUNDWATER DEPTH: 13.7 ft 2/23/06
 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-2-4, Sa with small root material, brn, Moist, Rec. = 0.25 ft	2	38.2	8.3	79.5	12.2
		A-2-4, SiSa, brn, Moist, Rec. = 0.25 ft	2	15.1	11.1	68.7	20.2
		A-2-4, GrSa, brn, Moist, Rec. = 0.5 ft	2	15.2	21.3	67.4	11.3
		A-4, SaSi with Little Organics (12.7%), gry, Moist, Rec. = 1.1 ft	4	78.0	2.1	35.6	62.3
		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
		A-4, SaSi with Wood particles, gry, Moist, Rec. = 0.4 ft	4	60.8	3.0	28.7	68.3
		Visual Class., Wood, brn, Moist, Rec. = 0.9 ft, Lost water at 13.0', Cleaned out casing	2				
		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
		A-4, SaGrSi, gry, Moist, Rec. = 1.1 ft, Cleaned out casing	21	10.2	27.3	25.1	47.6
		A-4, GrSaSi, gry, Moist, Rec. = 0.4 ft	R	7.8	21.6	29.0	49.4
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft, Cleaned out casing	R	10.1	13.8	24.5	61.7
		A-4, SaSi, gry, Moist, Rec. = 0.95 ft	R	10.0	13.6	25.5	60.9
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft	R	9.8	18.1	25.3	56.6
		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft, Cleaned out casing	R	9.3	21.6	24.4	54.0
		A-4, SaSi, gry, Moist, Rec. = 0.8 ft	R	9.0	19.0	27.7	53.3
		A-4, SaSi, gry, Moist, Rec. = 1.2 ft, Cleaned out casing	88	10.4	16.9	24.6	58.5
		A-4, SaSi, gry, Moist, Rec. = 0.6 ft, Cleaned out casing	R	10.7	19.2	26.2	54.6
		A-4, SaGrSi, gry, Moist, Rec. = 0.65 ft, Cleaned out casing	R	9.2	24.5	24.3	51.2
		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 BR-68-037-1(7).GPJ VT AOT.GDT 12/12/06

BORING NUMBER: B-011
 SHEET 2 of 3
 DATE STARTED: 2/07/06
 DATE COMPLETED: 2/23/06

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT-14
 STATION: 129+40
 OFFSET: 55.00
 VTSPG: N 644490.64 ft E 1643393.73 ft

PROJECT NUMBER: BR-68
 SITE NUMBER: BR-68
 GROUND ELEVATION: 665.97 ft
 GROUNDWATER DEPTH: 13.7 ft 2/23/06
 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 (%)
55		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing	R	9.3	17.5	24.4	58.1
		A-4, GrSaSi, gry, Moist, Rec. = 1.3 ft, Cleaned out casing	80	10.0	20.7	24.3	55.0
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft, Cleaned out casing	R	10.1	16.5	23.2	60.3
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing	R	11.0	19.2	20.4	60.4
		A-4, SaSi, gry, Moist, Rec. = 1.4 ft, Cleaned out casing	73	10.9	14.1	23.6	62.3
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Cleaned out casing	R	11.0	19.2	20.4	60.4
		A-4, SaSi, gry, Moist, Rec. = 1.4 ft, Cleaned out casing	73	10.9	14.1	23.6	62.3
		A-4, SaSi, gry, Moist, Rec. = 1.3 ft, Cleaned out casing	55	11.0	17.0	25.7	57.3
		Field Note:, Cobbles					
		A-4, GrSi, gry, Moist, Rec. = 1.6 ft	64	10.0	30.3	18.8	50.9

LOG OF BORING EAST MONTPELIER BR-68-037-1(7).GPJ VT AOT.GDT 12/12/06

BORING NUMBER: B-011
 SHEET 3 of 3
 DATE STARTED: 2/07/06
 DATE COMPLETED: 2/23/06

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT-14
 STATION: 129+40
 OFFSET: 55.00
 VTSPG: N 644490.64 ft E 1643393.73 ft

PROJECT NUMBER: BR-68
 SITE NUMBER: BR-68
 GROUND ELEVATION: 665.97 ft
 GROUNDWATER DEPTH: 13.7 ft 2/23/06
 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 (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
105		A-4, SaSi, gry, Moist, Rec. = 1.75 ft	64	11.0	18.2	20.9	60.9
		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	65	11.2	13.8	22.6	63.6
		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 8 8 6 6
		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 7 7 6 6
		Hole stopped @ 130.0 ft					

LOG OF BORING EAST MONTPELIER BR-68-037-1(7).GPJ VT AOT.GDT 12/12/06

Top of Bedrock @ 120.0 ft