



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

BORING NUMBER: B-009
SHEET 1 of 2
DATE STARTED: 3/31/06
DATE COMPLETED: 4/07/06

PROJECT NAME: EAST MONTPELIER
SITE NAME: RT-14
STATION: 129+38
OFFSET: -8.50
VTSPG: N 644459.10 ft E 1643338.58 ft

PROJECT NUMBER: BRF 037-1(7)
SITE NUMBER: BR-68
GROUND ELEVATION: 672.36 ft
GROUNDWATER DEPTH: 19.0 ft 4/07/06
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 (%)
0.0 - 0.5		Asphalt, 0.0 ft - 0.5 ft					
0.5 - 1.3		Concrete, 0.5 ft - 1.3 ft					
1.3 - 2.3		Gravel, 1.3 ft - 2.3 ft					
2.3 - 2.8		Concrete, 2.3 ft - 2.8 ft, Core shows very poor quality with voids.					
5		Visual Class: Gravelly Sand with Broken Rock, brn, Moist, Rec. = 0.5 ft, Cleaned out casing. Insufficient sample for testing.	52	11.9			
10		Visual Class: Silty Sand with Broken Rock, brn, Moist, Rec. = 0.4 ft, Insufficient sample for testing. Field Class: Boulders, Cleaned out casing, Cored ahead, No samples.	R	7.3			
30		A-4, SaGrSi, gry, Moist, Rec. = 0.7 ft	R	9.2	24.4	21.6	54.0
35		A-4, SaSi, gry, Moist, Rec. = 0.9 ft	R	10.4	18.2	22.9	58.9
40		A-4, SaGrSi, gry, Moist, Rec. = 0.95 ft	R	9.7	26.6	22.3	51.1
45		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft	R	9.4	21.4	22.5	56.1

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 (%)
0.0 - 0.5		Field Note: No sample. Rock in end of sample barrel.	R				
55		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	96	10.8	18.4	21.4	60.2
60		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	70	10.9	17.3	21.6	61.1
65		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	85	10.7	10.9	23.0	66.1
70		Visual Class: Broken Rock with Silt, gry, Moist, Rec. = 0.4 ft, Cleaned out casing.	R				
75		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	70	11.4	13.1	20.7	66.2
80		A-4, SaGrSi, gry, Moist, Rec. = 1.45 ft	75	10.6	25.5	20.3	54.2
85		Visual Class: Broken Rock with Silt, gry, Moist, Rec. = 0.1 ft, Stone in end of sampler. Insufficient sample for testing.	R				
90		A-4, GrSaSi, gry, Moist, Rec. = 1.65 ft	77	10.6	20.3	22.1	57.6
92.0		Hole stopped @ 92.0 ft					

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