



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 6/14/06
 DATE COMPLETED: 6/15/06

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT. 14
 STATION: 102+03.03
 OFFSET: -75.31
 VTSPG: N 646967.97 ft E 1645466.46 ft

PROJECT NUMBER: DIST.#6
 SITE NUMBER: SLIDE
 GROUND ELEVATION: 718.43 ft
 GROUNDWATER DEPTH: 38.1 ft 6/21/06
 PROJECT PIN NUMBER: 06x504

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
Top of Well Elevation: 720.28 ft										
		A-7-6, CI Well casing above ground level = 1.7 feet., gry, Moist, Rec. = 1.4 ft		2	36.3	0.0	7.2	92.8	46	24
		A-7-6, CI, gry, Moist, Rec. = 2.0 ft		1	55.6	0.0	2.1	97.9	57	31
10		A-6, SiCl, gry, Moist, Rec. = 1.0 ft		3	44.4	0.0	1.5	98.5	39	14
		A-4, Cisi, gry, Moist, Rec. = 1.0 ft			39.9	0.0	1.3	98.7	36	10
		A-4, Cisi, gry, Moist, Rec. = 2.0 ft		8	37.0	0.0	1.3	98.7	35	7
20		A-4, Si, gry, Moist, Rec. = 1.8 ft, Sample was tested for Limits.		5	34.1	0.0	1.0	99.0		
		A-4, Si, gry, Moist, Rec. = 1.8 ft		7	34.2	0.0	1.3	98.7		
30		A-4, Si, gry, Moist, Rec. = 2.0 ft		4	38.5	0.0	1.0	99.0		
		A-4, Si, gry, Wet, Rec. = 1.4 ft		6	35.7	0.0	0.7	99.3		
40		A-4, Si, gry, Wet, Rec. = 1.6 ft, Sample was tested for Limits.		3	38.9	0.0	0.6	99.4		
		A-4, Si, gry, Wet, Rec. = 1.6 ft, Sample was tested for Limits.		3	39.2	0.0	0.3	99.7		
50		A-4, Si, gry, Wet, Rec. = 1.8 ft	1	39.8	0.0	0.6	99.4			
		Hole stopped @ 52.0 ft								

LOG OF BORING EAST MONTPELIER RT14 SLIDE.GPJ VT AOT.GDT 2/1/07



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BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 6/21/06
 DATE COMPLETED: 6/21/06

PROJECT NAME: EAST MONTPELIER
 SITE NAME: RT. 14
 STATION: 101+52.39
 OFFSET: -80.18
 VTSPG: N 646935.61 ft E 1645437.71 ft

PROJECT NUMBER: DIST.#6
 SITE NUMBER: SLIDE
 GROUND ELEVATION: 717.31 ft
 GROUNDWATER DEPTH: 38.5 ft 6/29/06
 PROJECT PIN NUMBER: 06x504

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-7-6, Cl, gry, Moist, Rec. = 1.2 ft	2	40.3	0.0	5.6	94.4	54	28
		A-7-6, Cl, gry, Moist, Rec. = 1.8 ft	2	54.0	0.0	1.4	98.6	62	33
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	1	57.4	0.0	0.9	99.1	64	35
10		A-7-6, SiCl, gry, Moist, Rec. = 1.7 ft	8	37.5	0.0	2.1	97.9	41	17
		A-4, Si, gry, Moist, Rec. = 1.8 ft, Sample was tested for Limits.	9	30.7	0.0	1.7	98.3		
20		A-4, Si, gry, Moist, Rec. = 1.4 ft	7	35.7	0.0	0.9	99.1		
		A-4, Si, gry, Wet, Rec. = 1.8 ft	6	35.2	0.0	0.8	99.2		
30		A-4, Si, gry, Wet, Rec. = 1.4 ft, Sample was tested for Limits.	3	36.1	0.0	0.8	99.2		
		A-4, Si, gry, Wet, Rec. = 1.7 ft, Sample was tested for Limits.	5	37.5	0.0	0.5	99.5		
40		A-4, Si, gry, Wet, Rec. = 1.8 ft	5	37.1	0.0	0.3	99.7		
		A-4, Si, gry, Wet, Rec. = 1.9 ft	6	38.4	0.0	0.5	99.5		
50		Hole stopped @ 47.0 ft							

LOG OF BORING - EAST MONTPELIER RT14 SLIDE.GPJ VT AOT.GDT 2/1/07