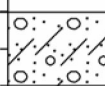
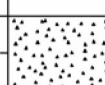
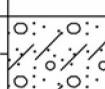
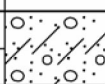
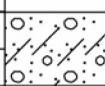
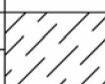
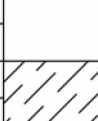


		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION				BORING NUMBER: B-101 SHEET 1 of 1 DATE STARTED: 6/04/09 DATE COMPLETED: 6/04/09						
PROJECT NAME: WINOOSKI SITE NAME: I-89 NB STATION: 16+32 OFFSET: -40.00 VTSPG NAD83: N 727292.62 ft E 1464850.97 ft						PROJECT NUMBER: NH 089-3(65) SITE NUMBER: EXIT#15 OFF RAMP GROUND ELEVATION: 272.14 ft GROUNDWATER DEPTH: NONE TAKEN PROJECT PIN NUMBER: 94A198						
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER						BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CEE						
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)				BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-4, SiSa, brn, Moist, Rec. = 1.4 ft				2	12.5	5.2	52.0	42.8		
10		A-4, SiSa, brn, Wet, Rec. = 0.7 ft, Sample had a slight odor of possible septic.				WH	26.6	12.4	47.6	40.0		
15		A-4, Si, gry, Wet, Rec. = 1.3 ft				3	25.9	0.0	8.0	92.0	26	3
20		A-4, Si, gry, Wet, Rec. = 2.0 ft				WH	29.3	0.0	3.5	96.5	27	4
25		A-4, Si, gry, Wet, Rec. = 1.2 ft				9	25.8	0.0	19.0	81.0		
		Hole stopped @ 22.0 ft										
30												
35												

		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION			BORING NUMBER: B-104 SHEET 1 of 1 DATE STARTED: 6/03/09 DATE COMPLETED: 6/03/09		
PROJECT NAME: WINOOSKI SITE NAME: I-89 NB STATION: 18+92 OFFSET: 51.00 VTSPG NAD83: N 727208.24 ft E 1465110.85 ft					PROJECT NUMBER: NH 089-3(65) SITE NUMBER: EXIT#15 OFF RAMP GROUND ELEVATION: 288.55 ft GROUNDWATER DEPTH: NONE TAKEN PROJECT PIN NUMBER: 94A198		
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER					BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CEE		
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-2-4, GrSa, brn, Moist, Rec. = 1.3 ft	5	8.6	23.9	61.1	15.0
10		A-2-4, SiSa, brn, Moist, Rec. = 1.7 ft	7	9.2	2.2	75.1	22.7
15		A-3, Sa, brn, Wet, Rec. = 1.5 ft	12	19.1	11.9	80.2	7.9
20		A-2-4, SiSa, brn, Wet, Rec. = 1.7 ft	5	25.4	0.0	76.2	23.8
25		A-4, Si, gry, Wet, Rec. = 1.5 ft	4	28.3	0.0	11.8	88.2
		Hole stopped @ 22.0 ft					
30							
35							

		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION			BORING NUMBER: B-105 SHEET 1 of 1 DATE STARTED: 6/03/09 DATE COMPLETED: 6/03/09		
PROJECT NAME: WINOOSKI SITE NAME: I-89 NB STATION: 18+00 OFFSET: 49.00 VTSPG NAD83: N 727208.10 ft E 1465019.80 ft					PROJECT NUMBER: NH 089-3(65) SITE NUMBER: EXIT#15 OFF RAMP GROUND ELEVATION: 283.21 ft GROUNDWATER DEPTH: NONE TAKEN PROJECT PIN NUMBER: 94A198		
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER					BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CEE		
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-2-4, GrSa, brn, Moist, Rec. = 1.2 ft	6	8.6	26.9	58.9	14.2
10		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft	10	25.7	0.0	73.5	26.5
15		A-4, SiSa, brn, Wet, Rec. = 1.5 ft	4	27.3	0.3	54.5	45.2
20		A-4, Si, gry, Wet, Rec. = 1.4 ft	3	27.0	0.0	13.7	86.3
25		A-4, SaSi, gry, Wet, Rec. = 2.0 ft	1	23.5	0.3	27.1	72.6
		Hole stopped @ 22.0 ft					
30							
35							

			STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION			BORING NUMBER: B-106 SHEET 1 of 1 DATE STARTED: 6/03/09 DATE COMPLETED: 6/03/09		
PROJECT NAME: WINOOSKI SITE NAME: I-89 NB STATION: 16+97 OFFSET: 41.00 VTSPG NAD83: N 727207.57 ft E 1464917.53 ft						PROJECT NUMBER: NH 089-3(65) SITE NUMBER: EXIT#15 OFF RAMP GROUND ELEVATION: 275.95 ft GROUNDWATER DEPTH: NONE TAKEN PROJECT PIN NUMBER: 94A198		
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER						BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CEE		
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	
5		Field Note: No Recovery, Cobbles	6					
		Cobbles with Gravely Sand, brn, Moist, Rec. = 0.6 ft, 2.0 ft - 3.0 ft	R	10.3	21.3	62.0	16.7	
10		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	12	22.1	1.7	37.7	60.6	
15		A-4, SaSi, gry, Wet, Rec. = 1.4 ft	4	23.3	0.0	23.3	76.7	
20		A-4, Si, gry, Wet, Rec. = 1.3 ft	3	26.3	0.0	12.1	87.9	
25		A-4, SaSi, gry, Wet, Rec. = 2.0 ft	WH	24.6	0.0	27.6	72.4	
		Hole stopped @ 22.0 ft						
30								
35								

PROJECT NAME: WINOOSKI
PROJECT NUMBER: NH 089-3(65)

FILE NAME: z94a198borlog.dgn
PROJECT LEADER: KEN UPMAL
DESIGNED BY: A. ACHARYA
BORING LOGS SHEET I

PLOT DATE: 2/22/2010
DRAWN BY: A. ACHARYA
CHECKED BY: E. ATKINS
SHEET 40 OF 67