

VT logo		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-107 SHEET 1 of 1 DATE STARTED: 6/02/09 DATE COMPLETED: 6/02/09			
PROJECT NAME: WINOOSKI		PROJECT NUMBER: NH 089-3(65)					
SITE NAME: I-89 NB		SITE NUMBER: EXIT#15 OFF RAMP					
STATION: 57+50		GROUND ELEVATION: 269.31 ft					
OFFSET: 42.00		GROUNDWATER DEPTH: HOLE CAVED IN					
VTSPG NAD83: N 727002.30 ft E 1464907.52 ft		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 (%)
		A-2-4, GrSa, brn, Wet, Rec. = 0.9 ft	6	17.4	23.3	64.8	11.9
		A-2-4, SiSa, brn, Wet, Rec. = 0.4 ft	6	28.5	17.3	53.3	28.4
		A-4, Si, gry, Wet, Rec. = 0.8 ft	24.2	0.0	0.0	13.3	86.7
		A-4, Si, gry, Wet, Rec. = 1.1 ft	7	22.8	0.0	17.8	82.2
		A-4, SaSi, gry, Wet, Rec. = 1.2 ft	6	20.3	0.0	44.6	55.4
		A-4, Si, gry, Wet, Rec. = 1.2 ft	2	26.3	0.0	19.8	80.2
		A-4, Si, gry, Wet, Rec. = 1.4 ft	1	24.4	0.0	16.1	83.9
		A-4, Si, gry, Wet, Rec. = 1.6 ft	1	27.7	0.0	6.8	93.2
		A-4, Si, gry, Wet, Rec. = 1.5 ft	1	29.1	0.0	3.8	96.2
		A-4, Si, gry, Wet, Rec. = 2.0 ft	1	28.9	0.0	4.4	95.6
		A-4, Si, gry, Wet, Rec. = 2.0 ft	4	24.8	0.0	7.3	92.7
		Hole stopped @ 20.0 ft					

LOG OF BORING WINOOSKI NH 089-3(65) GPJ VT ADT GDT 7/20/09

VT logo		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-108 SHEET 1 of 1 DATE STARTED: 6/02/09 DATE COMPLETED: 6/02/09			
PROJECT NAME: WINOOSKI		PROJECT NUMBER: NH 089-3(65)					
SITE NAME: I-89 NB		SITE NUMBER: EXIT#15 OFF RAMP					
STATION: 57+50		GROUND ELEVATION: 271.57 ft					
OFFSET: -32.00		GROUNDWATER DEPTH: NONE TAKEN					
VTSPG NAD83: N 727006.74 ft E 1464836.18 ft		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 (%)
		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	2	19.2	0.4	32.1	67.5
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	6	23.9	0.0	23.3	76.7
		A-4, Si, gry, Wet, Rec. = 1.1 ft	6	23.8	0.0	18.2	81.8
		A-4, Si, gry, Wet, Rec. = 1.5 ft	2	27.0	0.0	6.7	93.3
		A-4, Si, gry, Wet, Rec. = 2.0 ft	WH	23.9	0.0	7.3	92.7
		Hole stopped @ 22.0 ft					
		DRILLERS NOTES: 1. Water table was at ground level.					

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VT logo		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-109 SHEET 1 of 1 DATE STARTED: 6/04/09 DATE COMPLETED: 6/04/09			
PROJECT NAME: WINOOSKI		PROJECT NUMBER: NH 089-3(65)					
SITE NAME: I-89 NB		SITE NUMBER: EXIT#15 OFF RAMP					
STATION: 19+32		GROUND ELEVATION: 293.13 ft					
OFFSET: -6.00		GROUNDWATER DEPTH: NONE TAKEN					
VTSPG NAD83: N 727264.52 ft E 1465175.09 ft		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 (%)
		A-2-4, SiGrSa with Cobbles, brn, Moist, Rec. = 0.8 ft	8	9.2	24.3	55.0	20.7
		A-2-4, GrSa with Cobbles, brn, Moist, Rec. = 1.1 ft, Broken rock was within sample.	37	5.1	33.9	49.3	16.8
		A-2-4, SiSa, brn, Moist, Rec. = 1.7 ft	6	11.3	3.7	63.1	33.2
		A-2-4, Sa, brn, Moist, Rec. = 1.5 ft	9	6.8	9.3	79.3	11.4
		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	11	12.2	0.8	71.9	27.3
		A-4, SaSi, brn, Wet, Rec. = 1.4 ft	4	27.9	0.0	48.5	51.5
		A-4, Si, gry, Wet, Rec. = 1.5 ft	5	26.8	0.0	20.0	80.0
		Hole stopped @ 22.0 ft					

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

FILE NAME: z94a198borlog.dgn
PROJECT LEADER: KEN UPMAL
DESIGNED BY: A. ACHARYA
BORING LOGS SHEET 2

PLOT DATE: 2/22/2010
DRAWN BY: A. ACHARYA
CHECKED BY: E. ATKINS
SHEET 41 OF 67