



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

BORING NUMBER: B-101  
SHEET 1 of 1  
DATE STARTED: 9/09/05  
DATE COMPLETED: 9/09/05

PROJECT NAME: BRIDGEWATER  
SITE NAME: RT. 100-A  
STATION: 109+86  
OFFSET: 12.50  
VTSPG: N 396082.69 ft E 1598868.92 ft

PROJECT NUMBER: BRS 0149(4)  
SITE NUMBER: BRIDGE #14 & TEMP. BRIDGE  
GROUND ELEVATION: 855.92 ft  
GROUNDWATER DEPTH: Hole caved in at 8.0'  
PROJECT PIN NUMBER: 86E062

BORING CREW  
CREW CHIEF: RUSSELL  
DRILLER: RUSSELL  
LOGGER: WERNER

BORING RIG: TRUCK  
BORING TYPE: HOLLOW STEM AUGER  
SAMPLE TYPE:  
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Gravel material, 0.0 ft - 3.0 ft					
		Boulders and gravel material, 3.0 ft - 7.0 ft					
5							
		Cobbles, gravel and small boulders, 7.0 ft - 17.0 ft					
10							
		Sandy gravel material, 17.0 ft - 24.0 ft					
20							
		Boulders, cobbles, and gravel material, 24.0 ft - 30.0 ft					
25							
		Hole stopped @ 30.0 ft					
30							
35		DRILLER'S NOTES: 1. No water, hole caved in at 8.0 ft. 2. Very slow and hard drilling. 3. Broke bottom auger off and lost bit. 4. All soil classifications were done in the field. 5. Station & Offset revised for new alignment.					
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BORING NUMBER: B-102  
SHEET 1 of 1  
DATE STARTED: 9/07/05  
DATE COMPLETED: 9/08/05

PROJECT NAME: BRIDGEWATER  
SITE NAME: RT. 100-A  
STATION: 109+82  
OFFSET: 39.50  
VTSPG: N 396071.18 ft E 1598893.89 ft

PROJECT NUMBER: BRS 0149(4)  
SITE NUMBER: BRIDGE #14 & TEMP. BRIDGE  
GROUND ELEVATION: 853.78 ft  
GROUNDWATER DEPTH: Hole caved in at 11.0'  
PROJECT PIN NUMBER: 86E062

BORING CREW  
CREW CHIEF: RUSSELL  
DRILLER: RUSSELL  
LOGGER: WERNER

BORING RIG: TRUCK  
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 (%)
		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft	7	6.3	31.0	55.4	13.6
5		Cobbles, 7.0 ft - 8.0 ft					
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.4 ft	20	14.2	34.9	41.0	24.1
10		Cobbles, 12.0 ft - 13.0 ft					
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	24	12.6	35.3	45.3	19.4
15							
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	18	12.9	38.7	48.0	13.3
20							
		A-1-b, Sa, brn, Moist, Rec. = 1.0 ft	20	14.6	16.4	66.9	16.7
25							
		Boulders and Cobbles, 28.0 ft - 30.0 ft					
30		A-1-b, SiGrSa, brn-gry, Moist, Rec. = 0.4 ft	R	11.9	24.8	52.3	22.9
		Hole stopped @ 31.0 ft					
35		DRILLER'S NOTES: 1. No water, hole caved in at 11.0 ft. 2. Could not penetrate further than 31.0 ft. 3. No bedrock to depth. 4. Station & Offset revised for new alignment.					
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45							

BOTTOM OF FOOTING 833.00

LOG OF BORING BRIDGEWATER BRS0149(4).SPJ VT AOT.GIT 9/4/08

LOG OF BORING BRIDGEWATER BRS0149(4).SPJ VT AOT.GIT 9/4/08

PROJECT NAME: BRIDGEWATER  
PROJECT NUMBER: BRS 0149(4)

FILE NAME: s86e062bor.dgn  
PROJECT LEADER: K. HIGGINS  
DESIGNED BY: T. FILLBACH  
BORING LOGS #1

PLOT DATE: 31-DEC-2009  
DRAWN BY: J. SALVATORI  
CHECKED BY: T. FILLBACH  
SHEET 13 OF 58