



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					
5		Boulders and gravel material, 3.0 ft - 7.0 ft					
10		Cobbles, gravel and small boulders, 7.0 ft - 17.0 ft					
15							
20		Sandy gravel material, 17.0 ft - 24.0 ft					
25		Boulders, cobbles, and gravel material, 24.0 ft - 30.0 ft					
30		Hole stopped @ 30.0 ft					
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 (%)
5		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft	7	6.3	31.0	55.4	13.6
		Cobbles, 7.0 ft - 8.0 ft					
10		A-2-4, SiGrSa, brn, Moist, Rec. = 1.4 ft	20	14.2	34.9	41.0	24.1
		Cobbles, 12.0 ft - 13.0 ft					
15		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	24	12.6	35.3	45.3	19.4
20		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	18	12.9	38.7	48.0	13.3
25		A-1-b, Sa, brn, Moist, Rec. = 1.0 ft	20	14.6	16.4	66.9	16.7
		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.					

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