



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

BORING NUMBER: B-103
SHEET 1 of 1
DATE STARTED: 8/30/05
DATE COMPLETED: 9/01/05

PROJECT NAME: BRIDGEWATER
SITE NAME: RT. 100-A
STATION: 111+24
OFFSET: 31.50
VTSPG: N 396212.75 ft E 1598926.76 ft

PROJECT NUMBER: BRS 0149(4)
SITE NUMBER: BRIDGE #14 & TEMP. BRIDGE
GROUND ELEVATION: 846.75 ft
GROUNDWATER DEPTH: 5.9 ft 9/01/05
PROJECT PIN NUMBER: 86E062

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: RUSSELL

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		Visual Class: A-2-4, Si Sa Gr with roots and wood material, brn, Moist, Rec. = 0.8 ft, 5.0 ft - 7.0 ft	47	8.3			
		Coarse gravel material, 8.0 ft - 9.5 ft					
10		A-1-b, SaGr, brn, MTW, Rec. = 0.9 ft	25	11.5	45.8	37.9	16.3
15		A-3, Sa, brn, MTW, Rec. = 1.5 ft	6	24.2	6.0	84.9	9.1
20		A-2-4, SiSa, brn, Moist, Rec. = 1.8 ft	8	20.7	2.5	74.7	22.8
25		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft	10	20.3	1.0	86.1	12.9
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.4 ft		15.6	28.0	51.7	20.3
30		A-2-4, Sa, gry-brn, Moist, Rec. = 2.0 ft	49	14.2	5.0	81.4	13.6
35		No Recovery, Trace of brown sand in sampler, 35.0 ft - 36.0 ft	R				
		No Recovery, Very hard drilling, Could not penetrate further, 36.0 ft - 39.0 ft					
40		Hole stopped @ 39.0 ft					
45		DRILLER'S NOTES: 1. Could not penetrate further than 39.0 ft. 2. Very hard drilling from 36.0 ft. to 39.0 ft. 3. No bedrock to depth. 4. Station & Offset revised for new alignment.					

BOTTOM OF FOOTING 833.00

LOG OF BORING BRIDGEWATER BRS0149(4) GPJ VT AOT.GDT 9/4/08



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

BORING NUMBER: B-104
SHEET 1 of 1
DATE STARTED: 9/01/05
DATE COMPLETED: 9/07/05

PROJECT NAME: BRIDGEWATER
SITE NAME: RT. 100-A
STATION: 111+22
OFFSET: 60.00
VTSPG: N 396199.08 ft E 1598956.19 ft

PROJECT NUMBER: BRS 0149(4)
SITE NUMBER: BRIDGE #14 & TEMP. BRIDGE
GROUND ELEVATION: 846.31 ft
GROUNDWATER DEPTH:
PROJECT PIN NUMBER: 86E062

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: RUSSELL

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-a, SaGr, brn, Moist, Rec. = 1.4 ft	20	6.2	49.8	41.5	8.7
10		A-1-b, GrSa, brn, MTW, Rec. = 1.5 ft	22	15.4	37.1	50.5	12.4
15		A-3, Sa, brn, Moist, Rec. = 1.0 ft	11	22.7	2.7	89.5	7.8
20		A-2-4, GrSiSa, gry-brn, Moist, Rec. = 1.1 ft	32	14.9	22.6	52.8	24.6
25		A-2-4, GrSa, brn, Moist, Rec. = 1.7 ft	24	14.8	28.5	54.3	17.2
30		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	8	24.3	14.1	30.2	55.7
35		A-4, SaSi, brn, Moist, Rec. = 0.2 ft	10	24.6	8.7	26.3	65.0
40		A-1-b, GrSa, brn, MTW, Rec. = 1.1 ft	18	15.2	36.1	44.1	19.8
45		Hole stopped @ 42.0 ft					
		DRILLER'S NOTES: 1. No water found. 2. No bedrock to depth. 3. Station & Offset revised for new alignment.					

LOG OF BORING BRIDGEWATER BRS0149(4) GPJ VT AOT.GDT 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 #2

PLOT DATE: 31-DEC-2009
DRAWN BY: J. SALVATORI
CHECKED BY: T. FILLBACH
SHEET 14 OF 58