



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

BORING NUMBER: B-203
SHEET 1 of 2
DATE STARTED: 6/16/08
DATE COMPLETED: 7/03/08

PROJECT NAME: BRIDGEWATER
SITE NAME: RT. 100-A
STATION: 111+20
OFFSET: -15.00
VTSPG: N 396219.46 ft E 1598877.22 ft

PROJECT NUMBER: BRS 0149(4)
SITE NUMBER: BRIDGE #14 & TEMP. BRIDGE
GROUND ELEVATION: 856.06 ft
GROUNDWATER DEPTH: 16.1 ft 6/24/08
PROJECT PIN NUMBER: 86E062

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #08 w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 0.3		Asphalt Pavement, 0.0 ft - 0.3 ft					
0.3 - 1.1		A-1-a, SaGr, gry, Moist, Rec. = 1.1 ft	12	5.5	54.2	38.8	7.0
1.1 - 0.9		A-1-b, SaGr, gry, MTW, Rec. = 0.9 ft	12	10.8	54.6	36.4	9.0
0.9 - 10.0		Field Note, NXDC, Cobbles, Cored ahead.					
10.0 - 15.0		Field Note, NXDC, Cobbles, Cored ahead.					
15.0 - 21.0		Field Note, Concrete Footing, 18.0'-21.0'					
21.0 - 25.0		Field Note, NXDC, Cobbles, Cored ahead.					
25.0 - 30.0		Field Note, Sleaved casing to 3.5", Started mud drilling.					
30.0 - 35.0		A-1-b, Sa, gry, Moist, Rec. = 0.8 ft	4	24.0	7.9	87.0	5.1
35.0 - 40.0		A-2-4, SiSaGr, gry, Moist, Rec. = 1.9 ft	56	15.0	37.5	37.5	25.0
40.0 - 45.0		A-1-b, GrSa, brn-gry, MTW, Rec. = 1.6 ft	23	14.3	29.4	52.9	17.7
45.0 - 48.8		A-2-4, Sa, brn-gry, MTW, Rec. = 1.5 ft	13	23.9	0.3	88.1	11.6

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



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
0.0 - 1.7		A-4, SiSa, brn-gry, MTW, Rec. = 1.7 ft	16	27.1	0.0	55.9	44.1
1.7 - 1.9		A-4, SiSa, brn-gry, MTW, Rec. = 1.9 ft	17	25.1	13.0	44.6	42.4
1.9 - 0.3		A-2-4, SaSiGr, gry, Moist, Rec. = 0.3 ft	R	11.2	43.6	27.2	29.2
0.3 - 65.0		Field Note, BXDC, Cobbles, Cored ahead.					
65.0 - 70.0		A-1-b, SaGr, gry, MTW, Rec. = 0.5 ft Field Note, BXDC, Cored ahead.	R	11.1	46.9	34.6	18.5
70.0 - 77.5		Visual Classification, A-2-4, GrSiSa, gry, MTW, Rec. = 0.2 ft, insufficient sample for testing.	R				
77.5 - 78.8		Pink, Quartzite and quartz-plagioclase Granulite, Very closely spaced, unstained fresh horizontal jointing., Hard, Unweathered, BXDC, 77.5 ft - 78.8 ft, Rec. = 1.3 ft	1	100	0	60	8
78.8 - 83.8		Pink, Quartzite and quartz-plagioclase Granulite, Very closely spaced, horizontal jointing., Hard, Unweathered to slightly weathered, BXMDC, 78.8 ft - 83.8 ft, Rec. = 5.0 ft	2	100	24	60	10 12 16 13 11
83.8 - 84.8		Same as Run #2., BXMDC, 83.8 ft - 84.8 ft, Rec. = 0.8 ft	3	80	0	60	14
84.8 - 88.8		Pink, Quartzite and quartz-plagioclase Granulite, Very closely spaced, horizontal jointing in upper 1.5 ft. of core run., Hard, Moderately weathered at 86.3 ft., BXMDC, 84.8 ft - 88.8 ft, Rec. = 4.0 ft	4	100	63	0	12 4 10 10
88.8 - 90.0		Hole stopped @ 88.8 ft					

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