

BRIDGE FOUNDATION SOIL BORING LOG

Route: CH 21 (FAS 546) Kenney Road
 Section: 4030 MFT
 County: Macon
 Structure No. 058-3004
 Station: 314+30.5
 Offset: 5.3' L

MET Midwest Engineering and Testing, Inc.

Boring: B-1
 Page: Page 1 of 2
 Date of Boring: August 11, 2011
 Drilled By: Zach Wilcoxon
 Checked By: Robert Hahn
 MET Project No: 1-13078

Surface Water Elevation: Ground Water Elevation: when drilling: 633.42' (-40') at completion:	D P T H (ft.)	B L O W S (ft.)	Q _u (tsf)	MC (%)	Soil Description	D P T H (ft.)	B L O W S (ft.)	Q _u (tsf)	MC (%)
Ground Surface Elevation: 633.42'					10.0' Asphalt over 4" Crushed Stone				
					Light gray medium-coarse SAND (SP) with gravel	7	8	8.8 B	13
					(No Sample Recovery)	30			
					Dark gray-sh-bk silty CLAY (CL)	31	1	0.8 P	32
					Gray silty CLAY (CL) with sand and small gravel, Till	32			
					Dd=88 PCF	33	3	3.6 B	28
					Dd=123 PCF	34	6	9.0 B	11
					Dd=78 PCF Dark brown silty CLAY (CL)	35	2	1.2 B	38
					Gray sandy CLAY (SC-CH)	46	1		27
					Gray silty CLAY (CL-ML)	47	1		30
					Gray silty CLAY (CL-CH)	48	2	1.4 B	25
					Dd=105 PCF	49	2	1.7 B	20
					Dd=102 PCF Gray and brownish-gray mottled silty CLAY (CL) with sand and small gravel, Till	50	3	1.6 B	20
					Dd=112 PCF Brownish-gray silty CLAY (CL) with sand and small gravel, Till	51	5	3.0 B	15
					Dd=115 PCF	52	8	8.2 B	13

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Ground Surface Elevation: 633.42'					Gray silty CLAY (CL) with sand and small gravel, Till	55	30	2.5 P	15
					Grayish-brown sandy CLAY (CL) with small gravel, Till	60			
					Dd=129 PCF	61	97	5.4 B	8
					End of Boring: 61.5'				

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Boring: B-2
 Page: Page 1 of 2
 Date of Boring: August 15, 2011
 Drilled By: Zach Wilcoxon
 Checked By: Robert Hahn
 MET Project No: 1-13078

Surface Water Elevation: Ground Water Elevation: when drilling: 593.75' (-40') at completion: 616.75' (-17')	D P T H (ft.)	B L O W S (ft.)	Q _u (tsf)	MC (%)	Soil Description	D P T H (ft.)	B L O W S (ft.)	Q _u (tsf)	MC (%)
Ground Surface Elevation: 633.75'					11" Asphalt over 4" Crushed Stone				
					Black mixed Sand and Gravel	3			
					Dd=105 PCF	4	4.2 B	10	
					Dd=32 PCF	5	2	2.0 B	21
					Dark brownish-bk silty CLAY (CL)	6			
					Dd=98 PCF	7	4.2 B	23	
					Dd=30 PCF	8	2	1.4 B	32
					Dark brown silty CLAY (CL) with sand and gravel	9	1	0.6 P	16
					Brownish-gray silty CLAY (CL-ML)	10			
					Dd=99 PCF	11	2	1.8 B	21
					Brownish-gray silty CLAY (CL)	12			
					Dd=91 PCF	13	2	1.8 B	25
					Dd=133 PCF	14	3	2.0 B	22
					Gray silty CLAY (CL) with sand and small gravel, Till	15			
					Dd=114 PCF	16	8	7.3 B	19
					Brownish-gray silty CLAY (CL) with sand and small gravel, Till	17			
					Dd=112 PCF	18	10	3.0 B	24
					Dd=112 PCF	19	11	7.8 B	13

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Surface Water Elevation: Ground Water Elevation: when drilling: 593.75' (-40') at completion: 616.75' (-17')	D P T H (ft.)	B L O W S (ft.)	Q _u (tsf)	MC (%)	Soil Description	D P T H (ft.)	B L O W S (ft.)	Q _u (tsf)	MC (%)
Ground Surface Elevation: 633.75'					Grayish-brown sandy CLAY (CL) with small gravel, Till	20	34	4.0 B	10
					Dd=142 PCF	21	4	9.4 B	12
					Dd=139 PCF	22	28	8.4 B	10
					End of Boring: 61.5'				



DESIGNED - SWM	REVISED -
CHECKED - RDC	REVISED -
DRAWN - SWM	REVISED -
CHECKED - RLH	REVISED -

MACON COUNTY
HIGHWAY DEPARTMENT

BORING LOGS
STRUCTURE NO. 058-3396

F.A.S. - RTE. 546	SECTION 10-00237-00-BR	COUNTY MACON	TOTAL SHEETS 25	SHEET NO. 20
CONTRACT NO. 95694			ILLINOIS FED. AID PROJECT	