

McHENRY COUNTY
DIVISION OF TRANSPORTATION



File No. 19485 BORING LOG 1
Client Ciorba Group, Inc. Sheet 1 of 4
Project Dunham Rd. over the Kishwaukee River - Structural #056-3021 Date 11/11/08
Location McHenry Co., IL Drilled By AC
Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	D	S	T	R	B	N	Pen.	W	Uw	Qu
873.2'	Continuous concrete R-1											
	Brown fine-medium sand, some coarse sand & gravel, damp, medium dense											
	Fill											
		1	SS	12"				9	18		5.9	
859.7'	Dark brown silt, some clay, trace sand & gravel, damp, loose - Fill											
		6	SS	15"				5	9		19.6	
853.7'	Black silt, some clay, trace sand, damp-very damp, loose (topsoil)											
		3	SS	14"				4	8		19.7	
853.7'	Gray silt, some sand & gravel, very damp, loose											
		4									35.5	
		5	SS	15"				4	8		16.2	
852.2'	Brown fine-medium sand, some coarse sand & gravel, very damp-saturated medium dense											
		6	SS	13"				6	15		8.3	
		15	SS	8"				11	20		10.0	
		8	SS	16"				8	15		11.6	
854.2'	Brown fine sand, trace med.-coarse sand, very damp-saturated, med. dense											
		9	SS	16"				11	20		18.7	

Water Level - depth, ft. elev. ft. S - sample T - type: J(L), SS(spl-spoon), ST(splby tube) R - recovery length, in.
- while drilling: 11.0 N - SPT, blows/foot to drive 2" O.D. split-spoon sampler with 140 lb. hammer falling 30". W - water content, %
- after drilling: 11.0 Pen. - pocket penetrometer reading, tons/sq. ft. Uw - dry unit weight of soil, lbs./cu. ft.
- hrs. after drilling: Qu - unconfined compressive strength, tons/sq. ft.

F-111b



File No. 19485 BORING LOG 1
Client Ciorba Group, Inc. Sheet 2 of 4
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Elev. ft.	Description	Depth, ft.	D	S	T	R	B	N	Pen.	W	Uw	Qu
	Brown fine sand, trace med.-coarse sand, very damp-saturated, medium dense											
		5										
851.7'	Brown to gray silt, trace fine sand, very damp-damp, medium dense											
		10	SS	15"				12	22		23.7	
		25	SS	18"				10	18		20.1	
847.2'	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated medium dense											
		12	SS	18"				15	27		11.8	
845.2'	Gray silt, trace fine sand & clay, very damp, very loose											
		30	SS	14"				2	4		13.8	
842.2'	Gray silt, some clay, trace sand & gravel, very damp, loose to medium dense											
		35	SS	15"				4	7		11.8	
		40	SS	16"				8	14		11.2	

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Elev. ft.	Description	Depth, ft.	D	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray silt, some clay, trace sand & gravel, very damp-damp, medium dense											
		45	SS	18"				6	11		11.8	
827.2'	Gray fine sand, trace medium-coarse sand, very damp-saturated, medium dense											
		50	SS	12"				6	11		11.5	
822.2'	Dark brown silt, some clay, trace fine sand, damp, medium dense											
		55	SS	18"				9	18		25.5	
818.7'	Gray-green-brown clay, some silt, trace sand & gravel, damp, very tough											
		58	SS	18"				9	18		18.8	
815.2'	Dark brown-green fine sand, trace medium-coarse sand, very damp-saturated, loose											
		60	SS	13"				5	8		18.3	

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Elev. ft.	Description	Depth, ft.	D	S	T	R	B	N	Pen.	W	Uw	Qu
	Dark brown-green fine sand, trace medium-coarse sand, very damp, saturated, loose											
		66	SS	18"				8	14		18.7	
806.2'	Gray silt, some clay, trace fine sand, very damp-damp, medium dense											
		70	SS	18"				10	16		9.8	
800.2'	Gray fine sand, very damp-saturated loose											
		75	SS	10"				3	5		14.4	
796.2'	Gray silt, some clay, trace sand, damp-very damp, medium dense											
		80	SS	18"				7	13		12.2	

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F-111b

rdanley 8/2/2010

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DESIGNED - AMK
CHECKED - EKM
DRAWN - RD
CHECKED - EKM



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SOIL BORINGS 1
STRUCTURE NO. 056-3179

SHEET NO. S-19	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1233	06-00321-00-BR	McHENRY	48	37
S-21 SHEETS	CONTRACT NO. 63516			ILLINOIS FED. AID PROJECT	