



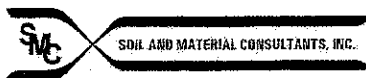
File No. 19665 BORING LOG 1
 Client Bollinger, Lach & Assoc., Inc. Sheet 1 of 4
 Project Lawrence Rd. bridge over Date 6/18/09
 Piskasaw Creek - Structural #056-3010
 Location McHenry Co., IL Drilled By AC
 Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	O	S	T	R	B	N	Pen.	W	Uw	Qu
905.1'	Bituminous concrete - 8.25"											
	Crushed gravel - 15.75"											
903.1'	Brown silt, some sand, gravel & clay, damp, loose - Fill											
901.1'	Black silt, some clay, trace sand, very damp, very loose (topsoil)											
898.6'	Brown-gray clay, some silt, trace sand, very damp, tough											
896.6'	Brown fine-medium sand, some coarse sand & gravel, very damp saturated, medium dense											
892.1'	Gray fine-medium sand & gravel, some coarse sand, very damp-saturated, medium dense											

Water Level - depth, ft. elev., ft.
 - while drilling: 10.0
 - after drilling: 10.0
 - hrs. after drilling: _____

S - sample T - type: J(Jar), SS(split-spoon), ST(shelby tube) R - recovery length in
 B - Standard Penetration Test (SPT), blows/6" interval W - water content, %
 N - SPT, blows/foot to drive 2" O.D. split-spoon sampler with 140 lb. hammer falling 30"
 Pen. - pocket penetrometer reading, tons/sq. ft. Uw - dry unit weight of soil, lbs/cu ft
 Qu - unconfined compressive strength, tons/sq. ft.

F-111b



File No. 19665 BORING LOG 1
 Client Bollinger, Lach & Assoc., Inc. Sheet 2 of 4
 Project Lawrence Rd. bridge over Date 6/18/09
 Piskasaw Creek - Structural #056-3010
 Location McHenry Co., IL Drilled By AC
 Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	O	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray fine-medium sand & gravel, some coarse sand, very damp-saturated, medium dense											
881.1'	Gray fine sand, trace medium-coarse sand & gravel, very damp-saturated, medium dense											
879.6'	Brown fine-medium sand & gravel, some coarse sand, very damp-saturated, medium dense											
877.1'	Gray clay, some silt, trace sand & gravel, damp, very tough											
873.1'	Gray fine sand, trace medium-coarse sand, very damp-saturated loose to medium dense											

Water Level - depth, ft. elev., ft.
 - while drilling: 10.0
 - after drilling: 10.0
 - hrs. after drilling: _____

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 B - Standard Penetration Test (SPT), blows/6" interval W - water content, %
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File No. 19665 BORING LOG 1
 Client Bollinger, Lach & Assoc., Inc. Sheet 3 of 4
 Project Lawrence Rd. bridge over Date 6/18/09
 Piskasaw Creek - Structural #056-3010
 Location McHenry Co., IL Drilled By AC
 Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	O	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray fine sand, trace medium-coarse sand, very damp, medium dense											
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated, loose											
853.1'	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated, loose											
848.1'	Gray fine sand, trace medium-coarse sand & gravel, very damp-saturated, loose											

Water Level - depth, ft. elev., ft.
 - while drilling: 10.0
 - after drilling: 10.0
 - hrs. after drilling: _____

S - sample T - type: J(Jar), SS(split-spoon), ST(shelby tube) R - recovery length in
 B - Standard Penetration Test (SPT), blows/6" interval W - water content, %
 N - SPT, blows/foot to drive 2" O.D. split-spoon sampler with 140 lb. hammer falling 30"
 Pen. - pocket penetrometer reading, tons/sq. ft. Uw - dry unit weight of soil, lbs/cu ft
 Qu - unconfined compressive strength, tons/sq. ft.

F-111b

FILE NAME: \\175-812.lawrence\piscasaw\struct\056-3010-002-026.dwg

	USER NAME = gonzalo	DESIGNED JMT	REVISED -	McHENRY COUNTY DIVISION OF TRANSPORTATION LAWRENCE ROAD BRIDGE OVER PISCASAW CREEK	BORING LOGS I STRUCTURE NO. 056-3184	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED JJT	REVISED -			0028	08-00355-01-BR	McHENRY	87	58
	PLOT DATE = 6/16/2012	DRAWN GM	REVISED -		SHEET NO. 26 OF 33 SHEETS	CONTRACT NO. 63694				
						ILLINOIS FED. AID PROJECT				