

File No. 19664 **BORING LOG** 2

Client Bollinger, Lach & Assoc., Inc. Sheet 3 of 4

Project Blivin St. bridge over Nipper- Date 7/6/09
sink Creek - Structural #056-3024

Location McHenry Co., IL Drilled By AC

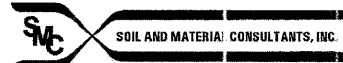
Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	40	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated, dense											
							12					
							18					
		45	17	SS	18"	23	41		13.3			
							13					
							15					
		50	18	SS	18"	18	31		9.0			
699.3'												
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated, medium dense											
							11					
							13					
		55	19	SS	18"	15	28		8.4			
							9					
							12					
		60	20	SS	18"	13	25		7.2			

Water Level — depth, ft. elev., ft.
 - while drilling: 3.0
 - after drilling: 2.0
 - hrs. after drilling: _____

S - sample T - type: J(Jar), SS(split-spoon), ST(shealy 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.

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Client Bollinger, Lach & Assoc., Inc. Sheet 4 of 4

Project Blivin St. bridge over Nipper- Date 7/6/09
sink Creek - Structural #056-3024

Location McHenry Co., IL Drilled By AC

Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	60	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated, medium dense to dense											
							9					
							11					
		65	21	SS	18"	15	26		11.8			
							12					
							14					
		70	22	SS	18"	21	35		8.2			
							15					
							20					
		75	23	SS	18"	27	47		12.0			
675.8'												
	Gray clay & silt, trace sand & gravel, damp, hard											
							17					
							20					
		80	24	SS	18"	31	51	4.5+	11.3	133.9	7.7	

Water Level — depth, ft. elev., ft.
 - while drilling: 1.0
 - after drilling: 2.0
 - hrs. after drilling: _____

S - sample T - type: J(Jar), SS(split-spoon), ST(shealy 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.

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File No. 19664 **BORING LOG** 3

Client Bollinger, Lach & Assoc., Inc. Sheet 1 of 4

Project Blivin St. bridge over Nipper- Date 6/11/09
sink Creek - Structural #056-3024

Station 213+89 - 19' R. CL Location McHenry Co., IL Drilled By AC

Equipment CME 45B H.A. Other Logged By DA

Elev. ft.	Description	Depth, ft.	0	S	T	R	B	N	Pen.	W	Uw	Qu
	Dark brown silt & sand, some gravel, trace clay, damp, medium dense - Fill											
							4					
							6					
		759.8'	1	SS	7"	6	12		7.8			
							2					
							1					
							2	3			12.4	
							1					
							1					
		754.8'	3	SS	18"	1	2		11.3			
							2					
							4	10			12.2	
751.3'												
							5					
							4					
		749.8'	5	SS	18"	3	7		12.5			
							5					
							24					
		748.8'	6	SS	18"				37.6			
							24					
							26	50			7.5	
							11					
							17					
		745.8'	8	SS	15"	22	39	4.5+	10.3	134.8	7.3	
							15					
							22					
							24	46	4.5+	9.9	135.4	10.0+

Water Level — depth, ft. elev., ft.
 - while drilling: 11.0
 - after drilling: 8.5
 - hrs. after drilling: _____

S - sample T - type: J(Jar), SS(split-spoon), ST(shealy 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.

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FILE NAME = \\N:\755-010\Blivin Phase I\CAD\Drawings\Structural\755-010_SHT-25_S-BORING_LOGS.dgn



USER NAME = gonzalo
 PLOT SCALE =
 PLOT DATE = 3/25/2011

DESIGNED - SRT
 CHECKED - JJI
 DRAWN - GM
 CHECKED - JJI

REVISED -
 REVISED -
 REVISED -
 REVISED -

McHENRY COUNTY
DIVISION OF TRANSPORTATION
BLIVIN STREET OVER NIPPERSINK CREEK

SOIL BORING LOGS
STRUCTURE NO. 056-3191
 SCALE: SHEET NO. 25 OF 28 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00355-00-BR	McHENRY	69	50
CONTRACT NO. 63583			ILLINOIS FED. AID PROJECT	