



File No. 19664 **BORING LOG** 7

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

Project Blivin St. Bridge over Nipper- Date 12/9/10
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.	0	S	T	R	B	N	Pen.	W	Uw	Qu
762.5'	Dark brown-black fine sand, some gravel, trace medium-coarse sand, damp - Fill	1	J							12.5		
760.5'		2	J							10.3		
	Black fine sand, trace medium-coarse sand & roots, damp (topsoil)	3	J							23.9		
758.5'		4	J							57.3		
	Gray-brown silt, some clay, trace fine sand & roots, damp	5	J							26.1		
757.5'	Gray silt & sand, very damp-saturated	6	J							20.2		
756.0'		7	J							17.9		
755.5'	(a) see below	8	J							8.8		
	Gray clay & silt, trace sand & gravel, damp, hard to very tough	9	SS						4.0	8.0	138.5	4.0
		10	SS						4.5+	8.5	139.9	3.3
752.5'		11	SS						4.5+	8.5	135.7	3.6
	End of Boring											
	(a) Gray silt, some clay, trace sand & gravel, damp, medium dense											
		15										
		20										

Water Level — depth, ft. elev., ft.
 - while drilling: 5.5
 - after drilling: 5.5
 - hrs. after drilling: _____

S - sample T - type: J(Jar), SS(splir- spoon), ST(splir by 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. splir- 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 = M:\755-010 Blivin Phase, IL\CAD\Draws\Structural\755-010 SH1-28 S- BORING LOGS.dgn

	USER NAME = gonzo	DESIGNED - SRT	REVISED -	McHENRY COUNTY DIVISION OF TRANSPORTATION BLIVIN STREET OVER NIPPERSINK CREEK	SOIL BORING LOGS STRUCTURE NO. 056-3191	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - GM	REVISED -			08-00355-00-BR	MCHENRY	69	53	
	PLOT DATE = 3/25/2011	CHECKED - JJI	REVISED -	SCALE:	SHEET NO. 28 OF 28 SHEETS	STA.	TO STA.	CONTRACT NO. 63583 ILLINOIS FED. AID PROJECT		