

 File No. 19460 **BORING LOG 1**
 Client Baxter & Woodman, Inc. Sheet 1 of 4
 Project Graf Rd. over Lawrence Creek Date 9/10/08
 Structural #056-3111
 Location McHenry County, 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
	Bituminous concrete - 5.0"											
	Base - brown sand & gravel, damp, medium dense						7					
							6					
883.3'			1	SS	13"	5	11			3.1		
	Dark brown-brown sand & gravel, trace silt & concrete, damp, dense Fill						7					
							28					
880.8'			5	2	SS	9"	12	40		7.2		
	Black-gray clay & silt, trace sand & gravel, damp, medium dense						4					
							4					
878.3'			3	SS	12"	7	11			18.4		
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated medium dense to dense						9					
							10					
			10	4	SS	18"	12	22		10.1		
							16					
							18					
			5	SS	18"	18	36			5.0		
872.8'							10					
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated, medium dense						14					
			16	6	SS	16"	13	27		7.2		
870.8'							6					
	Gray fine sand, trace medium-coarse sand, very damp-saturated, medium dense						7					
							8	15		17.4		
							7					
							6					
			20	8	SS	18"	6	12		9.4		

Water Level — depth, ft. elev., ft.
 - while drilling: 8.0
 - after drilling: _____
 hrs. after drilling: _____
 F-111b

S - sample T - type: J(Jar), SS(spl-spoon), ST(splby 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.


 File No. 19460 **BORING LOG 1**
 Client Baxter & Woodman, Inc. Sheet 2 of 4
 Project Graf Rd. over Lawrence Creek Date 9/10/08
 Structural #056-3111
 Location McHenry County, IL Drilled By AC
 Equipment CME 45B H.A. Other Logged By DA

Elev., ft.	Description	Depth, ft.	20	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated medium dense to very dense						7					
							8					
			9	SS	18"	10	18			7.5		
							7					
							10					
			26	10	SS	18"	12	22		8.6		
							8					
							12					
			11	SS	18"	14	26			13.5		
							9					
							19					
			30	12	SS	18"	21	40		8.1		
							11					
							14					
			13	SS	18"	22	36			8.3		
							9					
							15					
			35	14	SS	18"	22	37		5.5		
							13					
							22					
			15	SS	18"	32	54			11.2		
847.8'							13					
	Gray fine-medium sand, some coarse sand & gravel, very damp-saturated dense						17					
			40	16	SS	18"	22	39		8.7		

Water Level — depth, ft. elev., ft.
 - while drilling: _____
 - after drilling: _____
 hrs. after drilling: _____
 F-111b

S - sample T - type: J(Jar), SS(spl-spoon), ST(splby 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 =	USER NAME =	DESIGNED - BLB	REVISED - PER MCDOT 12/31/10
		CHECKED - BAB	REVISED -
		DRAWN - BCD	REVISED -
		CHECKED - BLB	REVISED -

MCHENRY COUNTY DIVISION OF TRANSPORTATION
GRAF ROAD BRIDGE OVER
LAWRENCE CREEK

SOIL BORINGS
STRUCTURE NO. 056-3182

SHEET NO. 16 OF 19 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0037	06-00322-00-BR	MCHENRY	54	39
C-91-358-06		CONTRACT NO. 63569		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT BROS-0001(683)				