



File No. 19460 BORING LOG 2

Client Baxter & Woodman, Inc. Sheet 1 of 4

Comments \_\_\_\_\_ Project Graf Rd. over Lawrence Creek Date 9/10/08

Location McHenry County, IL Drilled By AC

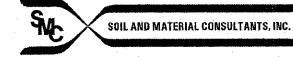
Equipment  CME 45B  H.A.  Other Logged By DA

Elev., ft.	Description	Depth, ft.	0	S	T	R	B	N	Pen.	W	Uw	Qu
	885.5'											
	883.0'	1	SS	15"		4	14		2.9			
	879.5'	5	2	SS	14"	3	5		33.1			
	878.0'	3	SS	10"		6	10		10.5			
		10	4	SS	18"	7	17		8.1			
		5	SS	15"		9	16		8.5			
		15	6	SS	14"	11	23		6.2			
		7	SS	12"		9	17		7.8			
		20	8	SS	15"	8	14		7.5			

Water Level— depth, ft. elev., ft.  
 - while drilling: 8.0  
 - after drilling: 16.0  
 hrs. after drilling: \_\_\_\_\_

S - sample T - type: J(Jar), SS(split-spoon), ST(shell 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. 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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Elev., ft.	Description	Depth, ft.	20	S	T	R	B	N	Pen.	W	Uw	Qu
	859.0'	9	SS	13"		9	16		7.7			
		25	10	SS	18"	10	21		8.1			
	854.5'	11	SS	18"		18	33	4.5+	7.6	142.0	7.8	
		30	12	SS	18"	16	31	4.5+	6.9	140.9	8.6	
	849.5'	13	SS	18"		26	46	4.5+	7.8	136.9	6.8	
		35	14	SS	18"	32	58	4.5+	6.5	139.5	7.7	
	847.5'	15	SS	18"		30	48		6.3			
	845.5'	40	16	SS	18"	23	49		6.3	139.9	7.2	

Water Level— depth, ft. elev., ft.  
 - while drilling: \_\_\_\_\_  
 - after drilling: \_\_\_\_\_  
 hrs. after drilling: \_\_\_\_\_

S - sample T - type: J(Jar), SS(split-spoon), ST(shell by tube) R - recovery length, in.  
 B - Standard Penetration Test (SPT), blows/6" interval. W - water content, %  
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 LICENSE NO. 188-000212 - EXPIRES 4/30/2011  
 4886000 5/27/2011

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. 18 OF 19 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0037	06-00322-00-BR	MCHENRY	54	41
	C-91-358-06		CONTRACT NO.	63569
	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	BROS-00016831