85547

LOG OF BORING NO. 2

CLIENT McClure Engineering Associates, Inc.

SITE Garden Plain Ave. & Loves Park Creek, Loves Park, IL

PROJECT Garden Plain Avenue Bridge

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SPT - N ** BLOWS / ft.	TESTS WATER CONTENT, %	TESTS DRY UNIT WT pcf	TESTS UNCONFINED STRENGTH, psf
	0.3 **Approx. 1/4 Foot Topsoil**				HS					
	FILL: LEAN CLAY, dark brown			1	SS	4	14	22		
	3				HS					
	FILL: FINE TO MEDIUM SAND, WITH GRAVEL, TRACE CLAY, brown			2	SS	8	11	7		
	5	5			HS					
	FINE TO MEDIUM SAND, TRACE CLAY AND GRAVEL, brown, medium dense		SP	3	SS	10	11	5		
	8				HS					
	GRAVELLY FINE TO MEDIUM SAND brown, medium dense		SP	4	SS	10	20	6		
		10			HS					
			SP	5	SS	10	14	4		
		15			HS					
	18 ▽									
	FINE TO COARSE SAND brown, medium dense		SP	6	SS	12	12	15		
		20			HS					
	with gravel		SP	7	SS	12	11	12		
		25			HS					

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The stratification lines represent the approximate boundary lines between soil and rock types: In-situ, the transition may be gradual.

**140 Lbs Automatic SPT Hammer
*Calibrated Hand Penetrometer

WATER LEVEL OBSERVATIONS, ft			
WL ▽ 17	WD ▽ 18	AB	
WL ▽	▽		
WL			

Terracon

BORING STARTED	02-25-09		
BORING COMPLETED	02-25-09		
RIG	D-50	FOREMAN	JA
APPROVED	LAZ	JOB #	19095011

BORE2 19095011.GPJ TERRACON.GDT 04/24/09

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	FINE TO COARSE SAND, WITH GRAVEL, brown, medium dense									
	28									
	FINE TO MEDIUM SAND, TRACE GRAVEL, brown, medium dense		SP	8	SS	17	10	15		
		30			HS					
	33									
	GRAVELLY FINE TO MEDIUM SAND brown, medium dense		SP	9	SS	16	23	12		
	35									
	FINE TO MEDIUM SAND, TRACE SILT brown, loose to medium dense				HS					
			SP	10	SS	14	8	18		
		40			HS					
			SP	11	SS	12	10	22		
		45			HS					
			SP	12	SS	14	11	20		
	50	50								
	BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: In-situ, the transition may be gradual.

**140 Lbs Automatic SPT Hammer
*Calibrated Hand Penetrometer

WATER LEVEL OBSERVATIONS, ft			
WL ▽ 17	WD ▽ 18	AB	
WL ▽	▽		
WL			

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SOIL BORING LOGS
SHEET 2 OF 2
STRUCTURE NO. 101-6421

SHEET NO. S14	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14 SHEETS		08-00069-00-BR	WINNEBAGO	21	20
			CONTRACT NO. 85547		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		