

## **SOIL BORING LOG**

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	Division of Highways GSG CONSULTANTS INC.	DE	CCDI	DTION			EE Business (SD) sugar EAL74 (EE		occi	ED BY			
ROUTE SECTION	FAI 74 (57-20HB-1)BR-1					FAI 55 Business (SB) over FAI 74 (EB)  South of Bloomington, SEC. 19, TWP. 23N,				ED BY	K	JC	
							de , Longitude						
COUNTY		RILLING	ME	HOD			HSA HAMM	ER TYPE		Al	JTO		
	057-0060 existing 057-0252 propose 57+97.32		D E P	B L O	U C S	M O I	Surface Water Elev. Stream Bed Elev.		D E P	B L O	U C S	M O I	
BORING NO. Station Offset Ground Surface	57+13 8.70ft RT	ft	H (ft)	W S (/6")	Qu (tsf)	S T (%)		9.5 ft ▼ 3.0 ft ▽	H (ft)	W S (/6")	Qu (tsf)	S T (%	
Brown, Moist			1				Brown and Gray, Moist		1				
SILTY LOAM (F	Fill), little organics		_			12	SILTY LOAM (Fill), trace gravel (continued)	786.80					
			_	2	0.0	40	Brown, Gray, and Dark Gray, M	oist	_	3	0.5	0.5	
Brown, Moist		806.00	-	3	2.0 P	13	SILTY LOAM (Fill), trace gravel	786.00		6	3.5 B	25	
SILTY LOAM (Fill), trace gravel				7			Very Hard Dark Gray and Black, Moist SILTY LOAM, trace gravel		_	5	ь		
			_	1			J			3			
				1	1.3	15				4	3.3	23	
			5	2	Р				- <u>25</u>	7	Р		
		900.00	_					700.00	_				
Brown and Gray, Moist		802.00		6			Stiff to Very Stiff	782.00	-	2			
SILTY LOAM (F	ill), trace gravel		_	5	5.0	19	Brown and Gray, Moist SILTY LOAM		_	3	1.2	25	
				7	Р		SILTY LOAM			5	В		
			-	3					-	3			
				4	3.1	23				4	2.6	22	
			-10	8	В				-30	5	В	- 14	
												16	
			_	3									
		796.30	_	6	3.5	14			_				
Brown, Moist SILTY LOAM (F	Fill), trace gravel			8	В								
	,, g				1	4.7							
			_	_			Daniel Maint	774.50		-			
			-	2	3.5	25	Brown, Moist SILTY LOAM	774.00		5	1.6	14	
Dark Gray, Mois	st	793.40	-15	5	3.3 B	20	Stiff to Very Stiff		-35	6	В	'-	
	Fill), trace gravel		-10				Gray, Moist, Wet at 38.5' SILTY LOAM, trace gravel		55				
							OILT I LOAW, Hace graver						
			_	3 5	20	00			-				
Brown and Gra	v Moist	791.00		9	2.9 B	23							
SILTY LOAM (F	Fill), trace gravel		_		٥								
				2					<u></u>	3			
				3	3.3	17				4	2.4	12	
			-20	6	В	''			-40	5	В.	12	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



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ROUTE FAI 74 DESCRIPTION			FAI 55 Business (SB) over FAI 74 (EB) LOGGED BY						RJC					
								•						
SECTION	(57-20HB-1	)BR-1	_	.UCA1	ION _	Latitu	of Bloomington, SEC. 19, de , Longitude	TVVP. Z3IN,	RNG. Z	Έ, 3	PIVI,			
COUNTY	McLean	DRILLING	RILLING METHOD				HSA	HAMMER TYPEA			Αl	AUTO		
STRUCT. NO.	057-0060 exi 057-0252 prop 57+97.32	oosed	D E	B L	U	M	Surface Water Elev. Stream Bed Elev.	NA NA		D E	B L	U	М	
Station	31+91.32	-	P	ō	S	Ī	Stream bed Elev.	INA	_ 11	P	ō	S	Ī	
BORING NO.	B-5 N. Abu	ut	Т	W		S	Groundwater Elev.:			Т	W		S	
Station			Н	S	Qu	Т	First Encounter	769.5		Н	S	Qu	Т	
Offset	8.70ft RT			//a.m			Upon Completion	753.0			//am			
<b>Ground Surface</b>	e Elev. 808	3.00 ft	(ft)	(/6")	(tsf)	(%)	After Hrs	-	ft	(ft)	(/6")	(tsf)	(%	
Stiff to Very Stiff Gray, Moist, We SILTY LOAM, tra (continued)	t at 38.5'	-					Very Stiff to Very Hard Gray, Wet SILTY LOAM, some gra (continued)	vel		=				
			_											
		•												
			14	3							8			
				4	1.8	13				<u> </u>	7	9.3	10	
			- <u>45</u>	6	В		End of Doving		743.00	-65	9	Р		
							End of Boring			_				
			-							_				
			-							-				
		759.50												
Hard				18										
Brown and Gray	, Wet	-		13	5.3	14								
SILTY LOAM, tra	ace gravel		-50	20	Р					-70				
		-	- 55											
		754.00												
Hard		754.20		12	0.0	40								
Gray, Wet				28 33	6.0	12								
SILTY LOAM, so	ome gravel	Ž	7 <b>-</b> 55	33	Р					<u>-75</u>				
										_				
			-											
			-							_				
		740.50												
Hard		749.50	-	33						_				
Brown and Gray		748.50		23	3.5	10								
SILTY LOAM, so	me gravel	740.30		28	Р					-80				

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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	USER NAME = piersonbr	DESIGNED - VPT	REVISED -
		CHECKED - TF	REVISED -
ı	PLOT SCALE =	DRAWN - JAE	REVISED -
	PLOT DATE = 7/29/2013 \$TIME\$	CHECKED - BAS	REVISED -

SOIL BORINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
STRUCTURE NO. 057-0252	74	(57-20HB-1)BR-1	MCLEAN	440	205
			CONTRACT	NO. 7	70570
SHEET NO. 24 OF 26 SHEETS		ILLINOIS FED. AI	D PROJECT		