

## **SOIL BORING LOG**

Page <u>1</u> of <u>2</u>

Date \_\_\_\_5/10/11

ROUTE	10114	DE	JUNI	· HON		IAIS	55 Business (SB) over FAI 74 (WB)		JUGE	וטכ		JC	
SECTION	(57-20HB)BR-	1	LOCATION			South of Bloomington, SEC. 19, TWP. 23N, RNG. 2E, 3 <sup>rd</sup> PM, Latitude , Longitude							
COUNTY	McLean D	RILLING	ING METHOD					HAMMER TYPE			AUTO		
STRUCT. NO. Station	057-0062 existing 057-0254 propose 52+51.02	g ed	D E P	B L O	U C S	M O I	Surface Water Elev. NA Stream Bed Elev. NA	_ ft _ ft	D E P	B L O	U C S	M O I	
Station Offset	B-4 S. Abut 53+49 3.00ft RT ce Elev. 810.90	ft	H (ft)	W S (/6")	Qu (tsf)	S T (%)	Groundwater Elev.:   First Encounter	ft $\nabla$	H (ft)	W S (/6")	Qu (tsf)	S T (%	
Brown, Moist							Hard						
SILTY LOAM (F Brown, Moist	Fill), little organics	809.90		3		13	Dark Gray to Black, Moist SILTY LOAM, trace organics	789.90		2			
SILTY LOAM (F	Fill), trace gravel			3 5	3.5 P	19	(continued) Very Stiff Greenish Brown and Gray, Moist	1		3 4	2.0 B	24	
							SILTY LOAM, trace gravel			0			
Brown and Gra	v Moist	806.90		3	3.5	18	Loose	786.90		2		19	
	Fill), trace gravel		-5	5	P P	10	Brown, Fine to Coarse Grain, Moist SAND, trace gravel	1	-25	5			
Prown Crov or	nd Dark Gray, Moist	804.90		2						8			
SILTY LOAM (F	Fill), trace gravel			4 6	2.9 B	59	Brownish Gray, Fine to Medium Grain, Moist	784.40 783.90		8 5	4.0 P	18	
							SAND, trace gravel Hard						
				2			Brown, Moist SILTY LOAM, trace gravel			2			
			-10	5 7	2.9 B	21	Very Stiff	781.40	-30	5 5	2.9 B	1:	
							Gray, Moist SILTY LOAM, trace gravel		-50				
				3 5	3.7	20			-				
				7	В								
				2					<b>V</b>	3			
Dark Gray to Bl	ack, Moist .	796.90 796.40		6	4.5	24		776.40		5	1.6	14	
SILTY LOAM, to Hard Brown and Gra			<u>-15</u>	6	Р		Stiff Brown, Moist SILTY LOAM, trace gravel		-35	15	В		
SILTY LOAM, ti	race gravel	<u></u>		2	2.2	22	- Jan 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19						
Dark Gray to Bl SILTY LOAM, to				6	B	22							
		792.40						772.40					
Dark Gray and SILTY LOAM	Brown, Moist	791.90		3 6	4.1	21	Medium Stiff to Hard Gray, Moist			3 5	0.8	12	
			-20	8	В		SILTY LOAM, trace gravel		-40	5	В		

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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Date 5/10/11

	Division of Highways GSG CONSULTANTS INC.									Date	5/1	0/11
ROUTE	FAI 74	_ DE	SCRI	PTION	_	FAI 5	55 Business (SB) over FA	M 74 (WB)	LOGG	ED BY	R	JC
ECTION					ION	South Latitu	of Bloomington, <b>SEC.</b> 19 <b>de</b> , <b>Longitude</b>					
COUNTY	McLean DR	RILLING	ME1	THOD			HSA	HAMMER TYPE	-	Al	JTO	
Station  BORING NO. Station Offset	53+49 3.00ft RT	d — — — — ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After - Hrs.	NA ft  777.4 ft  752.9 ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
Ground Surf Medium Stiff t Gray, Moist SILTY LOAM, (continued)	o Hard	10		6	(10.1)	(70)	Medium Stiff to Hard Gray, Moist SILTY LOAM, trace gra (continued)			19	(10.1)	(70)
			-45	8					-65	23	7.8 P	10
			-50	11 9 12	3.1 B	12	End of Boring	740.9	90 -70	14 20 23	7.8 P	11
				6 9 12	4.1 B	16			-75			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, form 137 (Rev. 8-99)

FILE NAME =	U
\$FILES\$	
🖊 MAURER-STUTZ	Δ
ENGINEERS SURVEYORS	P

	USER NAME = piersonbr	DESIGNED - BAS	REVISED -
		CHECKED - JAE	REVISED -
Z	PLOT SCALE =	DRAWN - SGM	REVISED -
	PLOT DATE = 7/30/2013 \$TIME\$	CHECKED - BAS	REVISED -

SOIL BORINGS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 057-0254	74	(57-20HB)BR-1	MCLEAN	440	263
31NOCIONE NO. 037-0234			CONTRACT	NO. 7	70570
SHEET NO. 28 OF 28 SHEETS		ILLINOIS FED. AI	D PROJECT		