

SOIL BORING LOG

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Date 5/9/11

FAI 74 DESCRIPTION FAI 55 Business (NB) over FAI 74 (WB) LOGGED BY RJC

(57-20HB)BB LOCATION South of Bloomington SEC 19 TWP 23N PNG 25 3rd PM

Siltry Loam (Fill), trace gravel Siltry Loam (Fill), trace gravel Siltry Loam (Fill)	ROUTE FAI 74	FAI 74 DESCRIPTION			FAI 5	55 Business (NB) over FAI 74 (WB)	LOGGED BY			R	RJC		
COUNTY McLean DRILLING METHOD HSA HAMMER TYPE AUTO	SECTION (57-20HB)BF	₹	LOCATION			South	of Bloomington, SEC. 19, TWP. 23N	, RNG . 2	RNG. 2E, 3 rd PM,				
STRUCT. NO. 057-0253 proposed batation 52+51.02	COUNTY McLean	RILLING	MET	THOD		Laulu		TYPE		Αl	JTO		
Station 51+40 Offset 1.00ft LT Offset 1	STRUCT. NO. 057-0253 propos Station 52+51.02		E P	L O	С	0	Stream Bed Elev. NA		E P	L O	С	0	
Dark Brown, Moist SILTY CLAY LOAM (Fill), little organics, trace gravel	Station 51+40 Offset 1.00ft LT		Н	S		Т	First Encounter 778.8 Upon Completion 757.6	_ ft 💆	Н	S		Т	
SILTY CLAY LOAM (Fill), little organics, trace gravel		υ π	(14)	(10)	(131)	(70)		_ π	(11)	(,,,	(131)	(70)	
1	SILTY CLAY LOAM (Fill), little		-			14	Dark Gray, Moist		-				
7 5.0 17	organics, trace gravel			7				790.80		2			
Brown, Moist 808.80 6 808.80 6 808.80 7 6.1 9 8 8 8 8 8 8 8 8 8					5.0	17					2.7	25	
Brown, Moist SILTY LOAM (Fill), little organics, trace gravel organics, trace gravel SiLTY LOAM (Fill), trace gravel SiLTY LOAM (Fill) To gravel To gravel SiLTY LOAM (Fill) To gravel To gravel				6	Р		Brown and Gray, Moist		-	6	S		
SILTY CLAY LOAM (Fill), little organics, trace gravel Gray, trace Brown, Moist SILTY LOAM (Fill), trace gravel Brown and Dark Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill), trace gravel Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM, trace gravel Brown, Moist SILTY LOAM, trace gravel Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill) Brown, Moist SILTY LOAM (Fill) Brown, Moist SILTY LOAM (Fill) Frown, Moist SILTY LOAM, trace gravel Brown, Moist SILTY		808.80						788.80					
organics, trace gravel Gray, trace Brown, Moist SILTY LOAM (Fill), trace gravel Brown and Dark Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill) Brown, Moist SILTY LOAM, trace gravel SILTY LOAM, trace gravel SILTY LOAM, trace gravel SILTY LOAM, trace organics SILTY LOAM, trace gravel SILTY LOAM, trace gr		000.00											
Gray, trace Brown, Moist SILTY LOAM (Fill), trace gravel Silty LoAM (Fill), trace gravel 806.30 5 805.80 5 8		808.00	_	Q		9		787.80				28	
Brown and Dark Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill), trace gravel Brown, Gray, Moist SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM (Fill) Brown, trace Gray, Moist SILTY LOAM (Fill) Brown, Moist SILTY LOAM, trace gravel CLAY LOAM (Fill Stiff South SILTY LOAM, trace gravel 1	Gray, trace Brown, Moist	_	5	0	5		Very Soft	_	<u>-25</u>		P		
Brown and Dark Brown, Moist SilLTY LOAM (Fill), trace gravel SilLTY LOAM, trace gravel SilLTY LOAM (Fill), trace gravel SilLTY LOAM (Fill)	SILTY LOAM (Fill), trace gravel	906 30	-					706 20					
SILTY LOAM (Fill), trace gravel SILTY LOAM (Fill), trace gravel	Brown and Dark Brown, Moist			5				700.30		1			
SILTY LOAM (Fill), trace gravel 3	SILTY LOAM (Fill), trace gravel		_	6	2.9	26				2	0.8	17	
802.80	Brown, Gray, and Dark Gray, Mois SILTY LOAM (Fill), trace gravel	t		8	В		SILTY LOAM, trace gravel			3	В		
802.80													
Dark Gray, Moist SILTY LOAM (Fill), trace gravel -10 7 B -30 7 B Brown, Moist SILTY LOAM 801.30 3 3 -30 7 B -30													
SILTY LOAM (Fill), trace gravel 801.30 Brown, Moist SILTY LOAM 800.50 Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill) 798.80 Brown, trace Gray, Moist SILTY LOAM (Fill) 798.80 2 SILTY LOAM (Fill) 798.80 2 4	Dayle Cray Majot	802.80				23			-			17	
Brown, Moist SILTY LOAM 800.50 4 3.5 24 Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill) 7 8 7 8 Brown, trace Gray, Moist SILTY LOAM (Fill) 2 5.0 19 Gray, Wet SILTY LOAM, trace gravel 3 2.3 14 5 P Gray and Dark Gray, Moist SILTY LOAM (Fill) 4 5.0 19 Gray, Wet SILTY LOAM, trace gravel 3 2.3 14 5 P Silf to Hard Dark Gray, Moist SILTY LOAM, trace organics 8 8 B 2 3 1.8 22 772.80 12 1.6 14	SILTY LOAM (Fill), trace gravel		-10	,	В				-30	1	В		
SILTY LOAM 800.50 4 3.5 24 Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill) 798.80 2 Very Stiff 2 SILTY LOAM (Fill) 4 5.0 19 Gray, Wet SILTY LOAM, trace gravel 3 2.3 14 Gray and Dark Gray, Moist SILTY LOAM (Fill) 796.30 4 SILTY LOAM, trace gravel 3 2.3 14 Stiff to Hard Dark Gray, Moist SILTY LOAM, trace organics 8 B 3 3 2.3 12 1.6 14 3 1.8 22 772.80 12 1.6 14	Danier Maist	801.30											
Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill) 798.80 Brown, trace Gray, Moist SILTY LOAM (Fill) 798.80 2 Very Stiff Gray, Wet SILTY LOAM, trace gravel 796.30 Gray and Dark Gray, Moist SILTY LOAM (Fill) 795.40 Stiff to Hard B B 2 To Hard B B 3 1.8 22 772.80 12 1.6 14		800.50	_		3.5	24			_				
Brown, trace Gray, Moist SILTY LOAM (Fill) 2	Brown, Gray, and Dark Gray, Mois	_	_			27							
Brown, trace Gray, Moist SILTY LOAM (Fill) 2		798 80						778 80	_				
Gray and Dark Gray, Moist SILTY LOAM, trace gravel 796.30 Gray and Dark Gray, Moist SILTY LOAM (Fill) 795.40 8 B 2 3 1.8 2 772.80 12 1.6 14	Brown, trace Gray, Moist			2					<u> </u>				
796.30	SILTY LOAM (Fill)					19						14	
Gray and Dark Gray, Moist SILTY LOAM (Fill) 795.40 6 4.7 21 Stiff to Hard 8 B Dark Gray, Moist SILTY LOAM, trace organics 2 3 1.8 22 772.80 12 1.6 14			-15	6	Р		SILT LOAM, trace gravel		-35	5	Р		
Gray and Dark Gray, Moist SILTY LOAM (Fill) 795.40 6 4.7 21 Stiff to Hard 8 B Dark Gray, Moist SILTY LOAM, trace organics 2 3 1.8 22 772.80 12 1.6 14													
SILTY LOAM (Fill) 795.40 6 4.7 21 Stiff to Hard Dark Gray, Moist SILTY LOAM, trace organics 2 2 3 1.8 22 772.80 12 1.6 14	Gray and Dark Gray Maict	796.30		1									
Stiff to Hard Dark Gray, Moist SILTY LOAM, trace organics 2 3 1.8 22 772.80 12 1.6 14		795.40	-		47	21			-				
Dark Gray, Moist SILTY LOAM, trace organics 2 3 1.8 22 772.80 12 1.6 14	Stiff to Hard	7 33.40			4300	-							
2 3 1.8 22 772.80 12 1.6 14													
3 1.8 22 <u>772.80</u> 12 1.6 14	•			_						,			
7 8 72.00				20,00	1.9	22		776.00			16	11	
			-20	7	1.0 B	22	Gray, Fine to Medium grain, Wet	772.80 772.30	-40	16	1.0 B	14	

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)



SOIL BORING LOG

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ROUTE	FAL74	DE	SCRI	PTION		FAL 5	55 Business (NB) over F	41 74 (WB)	10	OGGE	D BY	R	JC
				SCRIPTION FAI 55 Business (NB) over FAI 74 (WB) LOGG LOCATION South of Bloomington, SEC. 19, TWP. 23N, RNG. 2E, 3									JC
COUNTY	McLean	DRILLING	3 MET	THOD		Latitu	de , Longitude HSA	HAMMER TYPE			Al	JTO	
Station	B-1 N. Ab	pposed 02 out	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	NA	_ ft	D E P T H	B L O W S	U C S	(
Ground Surface	1.00ft L ⁻ ce Elev. <u>81</u>			(/6")	(tsf)	(%)	Upon Completion After Hrs.	778.8 757.6		(ft)	(/6")	(tsf)	(9
SAND, trace graderd Hard Gray, Wet SILTY LOAM, to							Hard Bluish Gray, Wet SILTY LOAM, with gra (continued)	vel					
				5	5.1	13			747.00		100 35	13.0	1
			-45	12	В		Very Dense Gray, Fine to Medium SAND, trace gravel	grain, Wet	747.80	<u>-65</u>	40	P	
			-50	7 10 15	4.1 B	12	Very Hard Gray, Wet		743.30	-70	14 21 27	10.3 P	1
							SILTY LOAM, trace gra	avei					
			<u> </u>	6 14 28	6.3 B	11				-75			
lard		753.80		35									
Bluish Gray, We BILTY LOAM, w	et vith gravel		-60	20 23	6.3 P	11				-80			

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)

FILE NAME =	L
\$FILES\$	Г
≠ MAURER-STUTZ	F
ENGINEERS SURVEYORS	F

	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	SHEI NO			
STRUCTURE NO. 057-0253	74	(57-20HB)BR	MCLEAN	440	23			
3111001011E 140. 037-0233			CONTRACT	NO. 7	057			
SHEET NO. 26 OF 28 SHEETS		ILLINOIS FED. AID PROJECT						