Illinois Department of Transportation
Division of Highways
GSG CONSULTANTS INC.

SOIL BORING LOG

Page 1 of 2

Date 5/10/11

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

SECTION (57-20HB)BR-1 LOCATION South of Bloomington, SEC. 19, TWP. 23N, RNG. 2E, 3rd PM,
Latitude , Longitude

COUNTY McLean DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 057-0062 existing
057-0254 proposed
Station 52+51.02

BORING NO. B-4 S. Abut
Station 53+49
Offset 3.00ft RT
Ground Surface Elev. 810.90 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft

Groundwater Elev.:
First Encounter 777.4 ft ▼
Upon Completion 752.9 ft ▽
After - Hrs. - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown, Moist SILTY LOAM (Fill), little organics	809.90				13
Brown, Moist SILTY LOAM (Fill), trace gravel			3 3 5	3.5 P	19
	806.90		2		
Brown and Gray, Moist SILTY LOAM (Fill), trace gravel		-5	3 5	3.5 P	18
	804.90		2		
Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill), trace gravel			4 6	2.9 B	59
			2		
		-10	5 7	2.9 B	21
			3		
			5 7	3.7 B	20
	796.90		2		
Dark Gray to Black, Moist SILTY LOAM, trace organics	796.40	-15	6 6	4.5 P	24
Hard Brown and Gray, Moist SILTY LOAM, trace gravel	794.90		2		
Very Stiff Dark Gray to Black, Moist SILTY LOAM, trace organics			4 6	2.2 B	22
	792.40				
Dark Gray and Brown, Moist SILTY LOAM	791.90		3		
		-20	6 8	4.1 B	21
Hard Dark Gray to Black, Moist SILTY LOAM, trace organics *(continued)*	789.90		2		
Very Stiff Greenish Brown and Gray, Moist SILTY LOAM, trace gravel			3 4	2.0 B	24
	786.90		2		
Loose Brown, Fine to Coarse Grain, Moist SAND, trace gravel		-25	3 5		19
	784.40		8		
Brownish Gray, Fine to Medium Grain, Moist SAND, trace gravel	783.90		8 5	4.0 P	15
Hard Brown, Moist SILTY LOAM, trace gravel			2		
	781.40		5 5	2.9 B	13
Very Stiff Gray, Moist SILTY LOAM, trace gravel		-30			
			3		
	776.40		5 15	1.6 B	14
Stiff Brown, Moist SILTY LOAM, trace gravel		-35			
	772.40		3		
Medium Stiff to Hard Gray, Moist SILTY LOAM, trace gravel		-40	5 5	0.8 B	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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After - Hrs. - ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Stiff to Hard Gray, Moist SILTY LOAM, trace gravel *(continued)*				
		6		
		8 15		
	-45			
		11		
		9 12	3.1 B	12
	-50			
		6		
		9 12	4.1 B	16
	-55			
		6		
		19 23	6.8 P	11
	-60			
Medium Stiff to Hard Gray, Moist SILTY LOAM, trace gravel *(continued)*				
		19		
		23 43	7.8 P	10
	-65			
		14		
		20 23	7.8 P	11
	740.90 -70			
End of Boring				
	-75			
	-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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