Illinois Department of Transportation
Division of Highways
GSG CONSULTANTS INC.

SOIL BORING LOG

Date 5/11/11

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

SECTION (57-20HB-1)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. 057-0060 existing
057-0252 proposed
Station 57+97.32

BORING NO. B-6 N. Pier
Station 57+32
Offset 142.0ft RT
Ground Surface Elev. 784.00 ft

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

Groundwater Elev.:
First Encounter 778.0 ft ▼
Upon Completion 734.5 ft ▽
After - Hrs. - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Brown and Black, Moist SILTY LOAM, with organics	783.00				22
Stiff Brown and Gray, Moist SILTY LOAM, trace gravel			2 2 3	1.6 B	33
Stiff Brown and Light Brown, Moist SILTY LOAM	780.50	-5	2 3 4	1.4 B	23
Very Soft Brown and Gray, Wet SILTY LOAM, some gravel	778.00 ▼		1 1 7	0.3 P	23
Medium Dense Brown, Fine to Medium grain, Wet SAND, some gravel	775.50	-10	5 8 9		19
			2 5 7		19
		-15	2 3 5		13
Very Stiff Gray, Wet SILTY LOAM, trace gravel	768.00	-20	2 4 5	2.7 B	14
			3 6 8	3.3 B	13
Very Stiff Gray, Wet SILTY LOAM, trace gravel *(continued)*		-25	2 5 6	2.9 B	13
			2 5 9	2.2 B	13
Hard to Very Hard Bluish Gray, Wet SILTY LOAM	758.00	-30	7 12 14	8.5 P	10
		-35	9 19 22	8.0 P	10
Gray, Medium to Coarse grain, Wet SAND	749.50		8 16 18	7.0 P	15
Hard to Very Hard Gray, Wet SILTY LOAM, trace gravel	745.50	-40	18 18 17	5.0 P	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)

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After - Hrs. - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard to Very Hard Gray, Wet SILTY LOAM, trace gravel *(continued)*			9		
		-45	12 15	10.5 P	11
			14		
	734.00	-50	20 30	5.0 P	10
End of Boring		-55			
		-60			

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