Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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1145 N Main Street
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Telephone: 630 953-8928
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BORING LOG B-1

WEI Job No.: 486-02-01

Client: Collins Engineers, Inc.
Project: FAU 324 (IL Route 23) over Coon Creek
Location: McHenry County, Illinois

Datum: NGVD
Elevation: 812.70 ft
North: 2004984.37 ft
East: 906492.81 ft
Station: 98+05.07
Offset: 38.3 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Loose to medium dense, brown and gray SANDY LOAM with gravel --FILL--		X	1	3 3 4	NP	13
			5	X	2	3 7 9	NP	11
	807.2	Loose, brown SAND		X	3	2 2 3	NP	18
	804.7	Medium dense, brown GRAVELLY SAND	12	X	4	8 10 15	NP	8
	802.2	Loose, gray SANDY LOAM	10	X	5	5 2 3	NP	11
	789.7	Medium dense to dense, gray LOAM		X	6	3 4 6	2.13 B	12
			15	X	7	5 9 15	3.20 B	10
			20	X	8	10 16 18	3.59 B	9

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
				X	9	10 13 14	5.33 B	9
			25	X	10	8 12 15	4.28 B	13
		--L_L = 22%, P_I = 11% -- A-6 (3) -- --% Gravel = 7.2%-- --% Sand = 35.4%-- --% Silt = 39.6%-- --% Clay = 17.7%--		X	11	6 12 13	3.69 B	11
			30	X	12	7 10 12	3.20 B	10
	789.7	Very dense, gray SILT with gravel						
			35	X	13	13 18 48	NP	10
	775.7	Gray, coarse SAND with gravel						
	773.2	Very dense, gray SILT	40	X	14	2 7 50	NP	12

GENERAL NOTES

Begin Drilling: 09-08-2009 Complete Drilling: 09-09-2009
Drilling Contractor: Wang Testing Service Drill Rig: Diedrich D-50 ATV
Driller: J&G Logger: A.Kurnia Checked by: MLS
Drilling Method: 4.25-inch ID HSA; Boring Backfilled Upon Completion.

WATER LEVEL DATA

While Drilling: ▽ 8.50 ft
At Completion of Drilling: ▼ WASH
Time After Drilling: NA
Depth to Water: ▼ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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		--Sand seams with gravel--		X	15	12 37 50/3"	NP	5
	767.7	Boring terminated at 44.75 ft	45					
			50					
			55					
			60					

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