



wangeng@wangeng.com  
1145 N Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

### BORING LOG 2081-B-02

WEI Job No.: 1100-04-01

Client: **AECOM**  
Project: **Circle Interchange Reconstruction**  
Location: **Sections 16 and 17, T39N, R14E of 3rd PM**

Datum: NAVD 88  
Elevation: 576.15 ft  
North: 1898095.00 ft  
East: 1171065.77 ft  
Station: 3836+54.98  
Offset: 52.71 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
574.6	18-inch thick CONCRETE --PAVEMENT--												
574.5	11-inch thick CRUSHED STONE --BASE COURSE--	1	1	2 3 4	2.46 B	16	548.1	Medium stiff to stiff, gray SILTY CLAY, trace gravel	11	1 1 2	0.41 B	26	
572.8	Very stiff, brown and gray SILTY CLAY, trace gravel --FILL--	2	2	2 3 4	0.98 B	19			12	1 2 2	0.91 B	25	
	Soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel	3	3	2 4 5	0.66 B	20			13	2 3 5	1.72 B	21	
		4	4	2 2 2	0.57 B	23			14	4 9 12	3.61 B	17	
		5	5	1 1 1	0.49 B	24			15	11 6 7	2.87 B	15	
		6	6	1 1 2	0.41 B	25	536.8	Very stiff, gray SILTY LOAM, trace gravel	16	6 11 17	5.17 B	21	
		7	7	0 1 1	0.25 B	25	534.4	Very stiff to hard, gray SILTY CALY, trace gravel					
		8	8	0 2 2	0.25 B	25							
		9	9	1 1 1	0.25 B	27							
		10	10	0 1 2	0.41 B	26							

WANGENGINC 11000401.GPJ, WANGENG.GDT, 4/5/13

#### GENERAL NOTES

Begin Drilling **04-01-2013** Complete Drilling **04-01-2013**  
 Drilling Contractor **Wang Testing Services** Drill Rig **CME-55 TMR**  
 Driller **P&N** Logger **D. Wind** Checked by **C. Marin**  
 Drilling Method **3.25" HSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion**

#### WATER LEVEL DATA

While Drilling **NA**  
 At Completion of Drilling **NA**  
 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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499.4	Very dense, gray SILT --WET--												
		17	17	5 8 14	2.46 B	16			22	27 48 48	1.97 B	20	
		18	18	19 23 32	1.80 B	12			23	50/5	NP	12	
519.4	Dense to very dense, gray SILTY LOAM, trace to little gravel						494.4	Very dense, gray GRAVELLY SANDY LOAM					
		19	19	11 18 25	7.95 S	14	491.1	Boring terminated at 85.00 ft					
		20	20	12 14 50/5	7.65 B	9							
		21	21		4.50 P	17							

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USER NAME = jlvuorenmaa	DESIGNED - MTS	REVISED
PLOT SCALE = 0:1.0000 ' = 1" / in.	CHECKED - KAH	REVISED
PLOT DATE = 8/18/2013	DRAWN - RLS	REVISED
	CHECKED - KAH	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 2  
STRUCTURE NO. 016-1716**

SHEET NO. S2-76 OF S2-81 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	2013-008R	COOK	559	436
CONTRACT NO.			60W26	
ILLINOIS FED. AID PROJECT				