



wangeng@wangeng.com  
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Lombard, IL 60148  
Telephone: 630 953-9928  
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### BORING LOG 2082-B-03

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: 595.34 ft  
North: 1897847.44 ft  
East: 1170487.25 ft  
Station: 3702+57.39  
Offset: 02.32 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
594.3	12-inch thick CONCRETE --PAVEMENT--														
	Very stiff, black and brown SILTY CLAY LOAM, little gravel and brick fragments		1		7 7 0	2.38 B	16				11		0 1 1	0.08 B	26
592.3	--FILL--														
	Loose to medium dense, black, brown and gray, fine SAND, some gravel and brick fragments		2		7 8 10	NP	6				12		0 0 1	<0.25 P	26
	--FILL--														
			3		2 2 3	NP	8								
			4		2 2 2	NP	7				13		0 0 2	0.08 B	26
			5		6 6 4	NP	22								
			6		5 14 15	NP	19				14		1 2 2	0.08 B	24
579.8	Very soft, gray CLAY, some gravel		7		1 2 3	0.16 B	20								
			8		2 1 1	0.08 B	22				15		2 1 3	<0.25 P	28
			9		1 1 1	0.08 B	22								
			10		1 2 3	0.08 B	21				16		1 3 3	<0.25 P	23

WANGENG\G11000401.GPJ, WANGENG.GDT, 4/16/13

#### GENERAL NOTES

Begin Drilling: **03-18-2013** Complete Drilling: **03-19-2013**  
Drilling Contractor: **Wang Testing Services** Drill Rig: **D-50 TMR**  
Driller: **R&N** Logger: **D. Wind** Checked by: **C. Marin**  
Drilling Method: **2.25" SSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion**

#### WATER LEVEL DATA

While Drilling: **DRY**  
At Completion of Drilling: **DRY**  
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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543.3	Stiff to hard, gray SILTY CLAY, trace gravel							518.3	Very dense, gray SILTY LOAM, trace gravel						
			17		8 5 6	1.34 B	21				22		20 22 28	6.15 B	13
			18		7 14 15	4.84 S	15				23		23 34 40	1.64 B	16
	--L <sub>c</sub> (%)=22, P <sub>c</sub> (%)=13-- --%Gravel=7.8-- --%Sand=29.1--85-- --%Silt=51.6-- --%Clay=11.5-- --A-4 (3)--														
	--L <sub>c</sub> (%)=38, P <sub>c</sub> (%)=15-- --%Gravel=0.8-- --%Sand=5.6--65-- --%Silt=49.9-- --%Clay=43.7-- --A-6 (21)--										24		30 27 28	1.50 P	16
			19		5 10 16	4.42 B	21								
			20		8 11 15	4.10 B	23				25		50/1*	NP	11
			21		4 4 7	1.23 B	31								
								502.3	Very dense, gray GRAVELLY SANDY LOAM						
									--HARD DRILLING--						
								498.3	--AUGER REFUSAL--						
									Boring terminated at 97.00 ft						

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1:50:57 PM 01/17/08-60x62-5007-BorIngl.dgn



USER NAME = BAWIort	DESIGNED = WJC	REVISED
CHECKED = DL	REVISED	
PLOT SCALE = 0x2.0000 'x' / in.	DRAWN = WJC	REVISED
PLOT DATE = 8/19/2014	CHECKED = DL/KAH	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SHEET NO. 7 OF 7 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-0741	COOK	58	54
CONTRACT NO.			60X62	
ILLINOIS FED. AID PROJECT				