

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BORING LOG RWN-01** Page 1 of 1

Wang Engineering, Inc.  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9936

WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 Interchange at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 535.66 ft  
North: 1723809.38 ft  
East: 1022797.57 ft  
Station: 3044+79.7  
Offset: 23.97 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
535.43	43-inch thick, brown SILTY LOAM --TOPSOIL--	0											
	Loose to medium dense, brown SANDY LOAM, with dolostone rock fragments	1	3										
	--WEATHERED BEDROCK--	7											
	--AUGER REFUSAL @ 5' 6"--												
		2	8										
		8											
530.2	Boring terminated at 5.50 ft	5.5											

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling: 08-27-2008	Complete Drilling: 08-27-2008	While Drilling: <input checked="" type="checkbox"/> DRY	
Drilling Contractor: Wang Testing Service	Drill Rig: Mobile B-57 TMR	At Completion of Drilling: <input checked="" type="checkbox"/> DRY	
Driller: K & J	Logger: F. Bozga	Time After Drilling: NA	
Checked by: E. Datz		Depth to Water: <input checked="" type="checkbox"/> NA	
Drilling Method: 3.25" IDA HSA; Boring backfilled with bentonite upon completion			

**BORING LOG RWN-02** Page 1 of 1

Wang Engineering, Inc.  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9936

WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 Interchange at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 535.88 ft  
North: 1723971.03 ft  
East: 1022793.98 ft  
Station: 3046+41.38  
Offset: 25.79 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
535.43	43-inch thick brown SANDY LOAM --TOPSOIL--	0											
	Loose to very dense, brown SANDY LOAM with gravel and dolostone rock fragments	1	4										
		2	2										
		4											
		8											
531.2	--WEATHERED BEDROCK--	2	8										
532.7	--AUGER REFUSAL @ 5'--	5											
	Boring terminated at 5.00 ft	5											

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling: 08-21-2008	Complete Drilling: 08-21-2008	While Drilling: <input checked="" type="checkbox"/> DRY	
Drilling Contractor: Wang Testing Service	Drill Rig: Mobile B-57 TMR	At Completion of Drilling: <input checked="" type="checkbox"/> DRY	
Driller: K & J	Logger: F. Bozga	Time After Drilling: NA	
Checked by: E. Datz		Depth to Water: <input checked="" type="checkbox"/> NA	
Drilling Method: 3.25" IDA HSA; Boring backfilled with bentonite upon completion			

**BORING LOG RWN-03** Page 1 of 1

Wang Engineering, Inc.  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9936

WEI Job No.: 201-34-01  
Client: McDonough Associates, Inc.  
Project: I-55 Interchange at Arsenal Road  
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NAVD  
Elevation: 535.44 ft  
North: 1724108.33 ft  
East: 1022789.90 ft  
Station: 300+53.01  
Offset: 50.23 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
534.4	7-inch thick, brown SILTY LOAM --TOPSOIL--	0											
	Stiff to very stiff, brown SILTY CLAY LOAM	1	5										
	--GRAVEL=7.8%--	3											
	--SAND=18.5%--	6											
	--SILT=46.3%--												
	--CLAY=27.4%--												
531.2	Brown DOLOSTONE rock fragments	2	6										
530.4	--WEATHERED BEDROCK--	6											
530.4	--AUGER REFUSAL @ 5.0'--	5											
	Poor, highly weathered, light gray DOLOSTONE	3	24										
	--BEDROCK--												
	--RUN #1 (5' to 10')--												
	--REC=100%--												
	--ROD=33%--												
	--Qu=839.5 tsf--												
526.4	Boring terminated at 10.00 ft	10											

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling: 08-18-2008	Complete Drilling: 08-18-2008	While Drilling: <input checked="" type="checkbox"/> DRY	
Drilling Contractor: Wang Testing Service	Drill Rig: Mobile B-57 TMR	At Completion of Drilling: <input checked="" type="checkbox"/> DRY	
Driller: K & J	Logger: E. Datz	Time After Drilling: NA	
Checked by: E. Datz		Depth to Water: <input checked="" type="checkbox"/> NA	
Drilling Method: 3.25" IDA HSA; Boring backfilled with bentonite upon completion			

DESIGNED	PMH
CHECKED	MJL
DRAWN	PMH
CHECKED	MJL

**McDonough Associates Inc.**  
Engineers / Architects  
130 East Randolph Street  
Chicago, Illinois 60601  
(312) 946-8600

SHEET NO. RW2-20 SHEETS RW2-31	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) R-6	WILL	756	484
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60F12					

**SOIL BORINGS**  
**STRUCTURE NO. 099-W027**