

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG RWS-15 Page 1 of 1

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

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

Datum: NGVD
Elevation: 529.44 ft
North: 1722340.36 ft
East: 1022458.25 ft
Station: 2026+06.49
Offset: 26.99 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 (%)
529.3	14-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	0-4	4				529.3	7-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	0-6	6			
528.3	Very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 4'--	4-12	1	1.25 P	26		528.8	Medium dense to very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 3' 6"--	6-8	1	NP	36	
528.4	Boring terminated at 4.00 ft	12-50/3"	2	NP	23		528.8	Good, brown and gray, weathered DOLOSTONE --BEDROCK-- --RUN #1 (3.5' to 8.5')-- --REC=85%-- --RQD=88%--	8-50/3"	2	NP		

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50
Driller	K & J	Logger	F. Bozga
Checked by	H. Suhail	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

BORING LOG RWS-16 Page 1 of 1

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Client: McDonough Associates, Inc.
Project: I-55 at Arsenal Road
Location: T34, R9E, Sec. 21, 22, 28, 27, Will Co., Illinois

Datum: NGVD
Elevation: 529.28 ft
North: 1722283.89 ft
East: 1022507.56 ft
Station: 2026+79.19
Offset: 22.03 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 (%)
528.7	7-inch thick, stiff, black SILTY CLAY LOAM --TOPSOIL--	0-6	6				528.8	Medium dense to very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 3' 6"--	0-6	6			
528.8	Good, brown and gray, weathered DOLOSTONE --BEDROCK-- --RUN #1 (3.5' to 8.5')-- --REC=85%-- --RQD=88%--	6-50/3"	1	NP	36		528.8	Boring terminated at 8.50 ft	6-8	1	NP	36	
		8-50/3"	2	NP					8-50/3"	2	NP		

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-12-2008	Complete Drilling	12-12-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50
Driller	K & J	Logger	F. Bozga
Checked by	H. Suhail	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	NA
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BORING LOG RWS-17 Page 1 of 1

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

Datum: NGVD
Elevation: 529.88 ft
North: 1722225.03 ft
East: 1022553.38 ft
Station: 2027+51.42
Offset: 27.77 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 (%)
528.9	12-inch thick, black SILTY CLAY LOAM --TOPSOIL--	0-22	22				528.9	12-inch thick, black SILTY CLAY LOAM --TOPSOIL--	0-22	22			
528.9	Very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 3'--	22-29	1	1.75 P	29		528.9	Very dense, brown, medium SANDY LOAM and weathered dolostone rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 3'--	22-29	1	1.75 P	29	
		29-50/3"	2	NP	16				29-50/3"	2	NP	16	
	Boring terminated at 3.00 ft							Boring terminated at 3.00 ft					

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-17-2008	Complete Drilling	12-17-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50
Driller	K & J	Logger	F. Bozga
Checked by	E. Datz	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	Depth to Water	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

DESIGNED	XXX
CHECKED	
DRAWN	AV/RJ
CHECKED	

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

SHEET NO. RW3-12 SHEETS RW3-12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) AC-3	WILL	524	322
CONTRACT NO. 60C31					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SOIL BORING LOGS
STRUCTURE NO. 099-W028