

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BORING LOG RWN-39** Page 1 of 1  
 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: NAVD  
 Elevation: 532.17 ft  
 North: 1725124.30 ft  
 East: 1022837.02 ft  
 Station: 911+05.59  
 Offset: 45.05 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 (%)
532.0	2-inch thick, black CLAY LOAM --TOPSOIL--	0											
	Very dense, brown SANDY LOAM, some rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 2' 3"--	9											
		24	1	NP	57								
		37											
			2	NP									
528.9	Boring terminated at 2.25 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-10-2008	Complete Drilling	12-10-2008	While Drilling	▽	0.00 ft	
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	0.00 ft	
Driller	K & J	Logger	F. Bozga	Time After Drilling	NA		
Checked by	S. Sugiarto	Depth to Water	▽	NA			
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

**BORING LOG RWN-40** Page 1 of 1  
 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: NAVD  
 Elevation: 532.55 ft  
 North: 1725201.25 ft  
 East: 1022827.12 ft  
 Station: 911+82.93  
 Offset: 38.81 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 (%)
532.4	2-inch thick, black CLAY LOAM --TOPSOIL--	0											
	Very dense, brown SANDY LOAM, some rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 1' 1"--	12	1	NP									
		50/4"											
531.5	Poor, brown and gray, weathered DOLOSTONE --BEDROCK-- --RUN #1 (1' 1" to 6' 1")-- --REC=96.7%-- --RQD=31%--												
	Boring terminated at 6.08 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-10-2008	Complete Drilling	12-10-2008	While Drilling	▽	0.00 ft	
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	0.00 ft	
Driller	K & J	Logger	F. Bozga	Time After Drilling	NA		
Checked by	S. Sugiarto	Depth to Water	▽	NA			
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

**BORING LOG RWN-41** Page 1 of 1  
 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: NAVD  
 Elevation: 532.30 ft  
 North: 1725279.59 ft  
 East: 1022828.64 ft  
 Station: 912+61.11  
 Offset: 44.05 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 (%)
532.1	2-inch thick, black CLAY LOAM --TOPSOIL--	0											
	Very dense, brown SANDY LOAM, some rock fragments --WEATHERED BEDROCK-- --AUGER REFUSAL @ 1' 2"--	10	1	NP									
		6											
		50/2"											
531.1	Boring terminated at 1.17 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-10-2008	Complete Drilling	12-10-2008	While Drilling	▽	0.00 ft	
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	0.00 ft	
Driller	K & J	Logger	F. Bozga	Time After Drilling	NA		
Checked by	S. Sugiarto	Depth to Water	▽	NA			
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

DESIGNED	XXX
CHECKED	
DRAWN	AMV
CHECKED	

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

SHEET NO. RWI-7 SHEETS RWI-9	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) AC-3	WILL	524	308
CONTRACT NO. 60C31					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SOIL BORING LOGS  
 RETAINING WALL 1  
 STRUCTURE NO. 099-W026