

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG RWN-28 Page 1 of 1
 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: 560.78 ft
 North: 1727843.51 ft
 East: 1022696.13 ft
 Station: 938+28.75
 Offset: 22.52 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)
559.3	13-inch thick, black SILTY CLAY LOAM						539.3						
554.3	--TOPSOIL--												
	Black and gray SILTY CLAY with gravel		4		2.50	26							
	--FILL--		1										
	Very stiff, black CLAY		6										
547.3	Loose, brown SANDY LOAM with gravel												
	--WEATHERED BEDROCK--		10			9							
	--AUGER REFUSAL at 5.5'--		2										
			3										
			5										
545.3	Very poor, gray and white DOLOSTONE												
	--BEDROCK--												
	--RUN #1 (5.5' to 10.5')--		3										
	--REC=91.7%--												
	--RQD=9.1%--												
			10										
540.3	Fair, gray DOLOSTONE												
	--RUN #2 (10.5 to 15.5)--		4										
	--REC=100%--												
	--RQD=51.7%--												

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	08-15-2008	Complete Drilling	08-15-2008
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR
Driller	K & J	Logger	R. Edelman
Checked by	E. Datz		
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion	While Drilling	DRY
		At Completion of Drilling	DRY
		Time After Drilling	NA
		Depth to Water	NA

BORING LOG RWN-29 Page 1 of 1
 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: 562.89 ft
 North: 1727985.20 ft
 East: 1022682.38 ft
 Station: 938+70.51
 Offset: 22.39 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)
543.3	13-inch thick, dark gray SILTY LOAM												
	--TOPSOIL--												
	Loose, brown SAND and dolostone rock fragments		5			5							
	--WEATHERED BEDROCK--		1										
	--AUGER REFUSAL @ 6.5'--		4										
			3										
			5										
542.2			2			19							
			3										
			3										
			5										
			6										
			10										
			15										

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

BORING LOG RWN-30 Page 1 of 1
 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: 554.73 ft
 North: 1728137.41 ft
 East: 1022676.77 ft
 Station: 941+22.77
 Offset: 23.28 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)
543.3	13-inch thick, dark gray SILTY LOAM												
	--TOPSOIL--												
	Medium dense, brown SAND and gravel		10			4							
			1										
			16										
			14										
			9										
			2			4							
			10										
			11										
542.2	Very dense, brown SANDY LOAM, some rock fragments												
	--WEATHERED BEDROCK--		12			6							
	--AUGER REFUSAL @ 8'--		17										
			22										
541.7													
			10										
			15										

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

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. RW2-29 SHEETS RW2-31	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) R-6	WILL	756	493
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60F12					

SOIL BORINGS
STRUCTURE NO. 099-W027