

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

W Wang Engineering, Inc.
Consulting Geotechnical and
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BORING LOG FOB-03
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: 530.49 ft
North: 1722148.45 ft
East: 1022801.22 ft
Station: 2029+75.73
Offset: 56.06 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
530.2	3-inch thick, ASPHALT --PAVEMENT-- Brown GRAVELLY SAND --BASE COURSE--							--REC=100%-- --RQD=41%--					
529.5	Stiff to very stiff, brown and black SANDY CLAY --AUGER REFUSAL @ 4'--	1	1	1.50	23				4	4			
526.5	Fair, weathered, light gray DOLOSTONE --BEDROCK-- --RUN #1 (4' to 9')-- --REC=100%-- --RQD=68%--	5	2	50/5"	15		516.6	Fair, light gray DOLOSTONE --BEDROCK-- --RUN #3 (14' to 19')-- --REC=100%-- --RQD=78%-- --Cu=791.28 tsf--	15	5			
521.5	Poor, highly weathered, light gray DOLOSTONE --BEDROCK-- --RUN #2 (9' to 14')--	10	3				511.5	Boring terminated at 19.00 ft	20				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-22-2008	Complete Drilling	08-22-2008	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	DRY	
Driller	K & J	Logger	F. Bozga	Checked by	S. Sugiarto		
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion			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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BORING LOG FOB-04
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: 531.74 ft
North: 1722039.90 ft
East: 1022847.04 ft
Station: 2030+67.14
Offset: 20.55 RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
531.5	3-inch thick, black SILTY LOAM --TOPSOIL-- Loose, brown SANDY LOAM												
528.2	Good, gray DOLOSTONE --RUN #2 (11' 6" to 16' 6")-- --REC=100%-- --RQD=83%--	14	1	NP	14				5	1			
526.7	Medium dense, brown GRAVELLY SAND with rock fragments	15	2	2	6	NP	7		15	2			
526.2	Very dense, brown DOLOSTONE rock fragments --WEATHERED BEDROCK--	16	3	21	NP	6	6			3			
525.2	Poor to fair, gray DOLOSTONE --BEDROCK-- --RUN #1 (6' 6" to 11' 6")-- --REC=100%-- --RQD=53%-- --Cu=1852.56 tsf--	17	4	50/5"	NP	6	516.2	Boring terminated at 16.50 ft	20				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-21-2008	Complete Drilling	08-21-2008	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	DRY	
Driller	K & J	Logger	F. Bozga	Checked by	S. Sugiarto		
Drilling Method	3.25" IDA HSA; Boring backfilled with bentonite upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

DESIGNED	MGB
CHECKED	PMH
DRAWN	MGB
CHECKED	BKB

SOIL BORING LOGS
STRUCTURE NO. 099-0348

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

SHEET NO. SC-37 SHEETS SC-37	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	(99-1&2) R-6	WILL	756	563
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60F12					