

Wang Engineering
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BORING LOG 1RW5-B-4 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 5, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 715.50 ft
 North: 1790869.92 ft
 East: 1115991.70 ft
 Station: 100+54.04
 Offset: 79.57 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
715.50	24-24-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM, trace gray	1	4	3.00	22		685.5		11	4	2.05	18	
		2	4	4.59	19				12	4	2.30	16	
		3	7	5.33	18								
		4	3	2.62	19								
705.0	Medium dense, gray LOAM, some gravel --L _c (%)=21, P _c (%)=14-- --%Gravel=9.4-- --%Sand=44.4-- --%Silt=37.8-- --%Clay=8.4-- --A-4 (0)	5	3	NP	11								
702.5	Stiff to very stiff, gray SILTY CLAY, trace gravel	6	3	2.05	20								
		7	3	1.97	22								
		8	2	1.56	22								
		9	3	2.30	20								
		10	3	2.79	20								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-14-2011	Complete Drilling	09-14-2011	While Drilling	▼	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	▼	DRY	
Driller	K&K	Logger	B. Wilson	Checked by	C. Marin		
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion.			Time After Drilling	NA		
				Depth to Water	▼	NA	

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BORING LOG 1RW5-B-5 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 5, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 714.90 ft
 North: 1790944.29 ft
 East: 1115989.31 ft
 Station: 101+28.46
 Offset: 79.70 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
709.4	--POND BOTTOM-- Stiff, brown and gray CLAY	1	4	1.64	31		684.9		11	4	2.87	21	
		2	2	1.31	25				12	4	1.79	21	
		3	4	6.07	18								
		4	6	4.92	20								
		5	4	3.20	21								
		6	4	2.57	20								
		7	4	2.30	21								
		8	4	1.56	22								
		9	4	2.87	22								
		10	6	3.36	20								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-15-2011	Complete Drilling	09-15-2011	While Drilling	▼	NA	
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	▼	NA	
Driller	K&K	Logger	B. Wilson	Checked by	C. Marin		
Drilling Method	2.75" Rotary Bit; Boring backfilled upon completion.			Time After Drilling	NA		
				Depth to Water	▼	NA	

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BORING LOG 1RW5-B-6 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 5, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 714.80 ft
 North: 1791019.58 ft
 East: 1115984.64 ft
 Station: 102+03.86
 Offset: 77.58 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
684.8	--POND BOTTOM-- Stiff to hard, brown and gray SILTY CLAY, trace gravel	1	4	2.05	31		684.8		11	4	2.21	21	
		2	4	3.28	20				12	4	3.36	22	
		3	5	4.18	19								
		4	6	3.61	19								
		5	4	1.75	21								
		6	4	1.64	22								
		7	4	2.13	22								
		8	3	2.30	22								
		9	4	2.46	21								
		10	4	1.72	22								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-15-2011	Complete Drilling	09-15-2011	While Drilling	▼	NA	
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	▼	NA	
Driller	K&K	Logger	B. Wilson	Checked by	C. Marin		
Drilling Method	2.75" Rotary Bit; Boring backfilled upon completion.			Time After Drilling	NA		
				Depth to Water	▼	NA	

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URS

Note:
 For retaining wall key plan see sheet 1.
 For typical wall details see sheet 2.
 See individual wall sheets for boring locations.

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL SOIL BORING LOGS	F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D160F05-SHT-BoringLog.dgn		CHECKED - JCE	REVISED -			330	103R-3	COOK	932	588	
	PLOT SCALE = 0:2.00 '1" / 10'	DRAWN - JDK	REVISED -			CONTRACT NO. 60F05					
	PLOT DATE = 3/12/2013	CHECKED - JCE	REVISED -			ILLINOIS FED. AID PROJECT					