

Wang Engineering
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BORING LOG 1RW4-B-3 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 4, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 726.70 ft
 North: 1789920.15 ft
 East: 1116022.95 ft
 Station: 91+03.77
 Offset: 78.66 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 (%)
726.35	5-inch thick, dark brown SILTY CLAY --TOPSOIL-- Very stiff to hard, brown and gray SILTY CLAY, trace gravel	0	1	5 6 5	4.51	17							
		5	2	4 4 3	2.50	23							
		10	3	5 8 11	6.07	18							
		15	4	4 8 11	5.41	18							
		20	5	4 8 11	4.10	21							
		25	6	4 8 10	3.69	19							
		30	7	4 8 8	3.03	20							
		35	8	3 8 8	2.79	21							

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-13-2011	Complete Drilling	09-13-2011
Drilling Contractor	WTS	Drill Rig	D-50 TMR
Driller	K&K	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA

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BORING LOG 1RW4-B-4 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 4, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 727.00 ft
 North: 1789979.53 ft
 East: 1116020.01 ft
 Station: 91+63.21
 Offset: 77.73 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 (%)
726.74	4-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to hard, brown and gray CLAY	0	1	6 11 10	4.50	15							
		5	2	4 5 8	1.23	19							
		10	3	8 11 13	8.28	19							
		15	4	6 9 11	5.00	21							
		20	5	4 7 8	3.36	20							
		25	6	3 4 6	3.12	19							
		30	7	4 8 8	2.30	21							
		35	8	4 8 7	3.12	21							

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-13-2011	Complete Drilling	09-13-2011
Drilling Contractor	WTS	Drill Rig	D-50 TMR
Driller	K&K	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA

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BORING LOG 1RW4-B-5 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 4, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 727.70 ft
 North: 1790044.76 ft
 East: 1116018.22 ft
 Station: 92+28.46
 Offset: 78.16 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 (%)
727.44	4-inch thick, brown SILTY CLAY --TOPSOIL-- Very stiff to hard, brown to gray SILTY CLAY, trace gravel	0	1	7 10 13	4.50	14							
		5	2	7 8 11	8.12	17							
		10	3	11 10 14	7.54	18							
		15	4	4 8 10	6.64	18							
		20	5	5 8 9	3.77	19							
		25	6	4 8 6	3.61	20							
		30	7	3 8 8	2.95	20							
		35	8	3 8 8	3.28	21							

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-13-2011	Complete Drilling	09-13-2011
Drilling Contractor	WTS	Drill Rig	D-50 TMR
Driller	K&K	Logger	B. Wilson
Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion	Depth to Water	NA

100 S. WACKER DR.
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 CHICAGO, IL 60606
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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 = D:\160F05-SHT-Boring09.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL SOIL BORING LOGS	F.A.P. RTE. 330	SECTION 103R-3	COUNTY COOK	TOTAL SHEETS 932	SHEET NO. 586
	PLOT SCALE = 0:2.00 '1" / in.	DRAWN - JDK	REVISED -			CONTRACT NO. 60F05				
	PLOT DATE = 3/12/2013	CHECKED - JCE	REVISED -			ILLINOIS FED. AID PROJECT				
						SHEET NO. 31 OF 41 SHEETS				