



Wang Engineering
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BORING LOG 1RW14-B-2 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates, Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 14, Cook Co., T36N, R12E

Date: NGVD
 Elevation: 710.70 ft
 North: 1766442.23 ft
 East: 1118688.43 ft
 Station: 107+01.37
 Offset: 26.79 ft

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Q _u (ksf)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Q _u (ksf)	Moisture Content (%)
7.00	12-inch thick brown SILTY LOAM	1	7	11	4.50	14						
11.00	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	2	8	13	4.02	17						
13.00		3	9	11	4.50	17						
17.00		4	10	7	4.04	17						
19.00		5	11	7	5.90	13						
19.75		6	12	7	1.97	19						
20.00		7	13	4	1.64	10						
20.36		8	14	4	2.36	15						
	Boring terminated at 20.00 ft											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling: 09-07-2011	Complete Drilling: 09-07-2011	While Drilling: <input checked="" type="checkbox"/> WET	At Completion of Drilling: <input checked="" type="checkbox"/> DRY
Drilling Contractor: WTS	Drill Rig: B-57 TMR	Time After Drilling: <input checked="" type="checkbox"/> NA	Depth to Water: <input checked="" type="checkbox"/> NA
Driller: R&P	Logger: B. Wilson	This sheet shows limits with the adjacent boreholes to indicate the location of the actual borehole.	
Drilling Method: 3.25" DAHSA; Boring backfilled upon completion	Checked by: C. Marin		

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BORING LOG 1RW14-B-3 Page 1 of 1

WEI Job No.: 201-40-01
 Client: McDonough Associates, Inc.
 Project: US 45, Segment 1
 Location: Ret. Wall 14, Cook Co., T36N, R12E

Date: NGVD
 Elevation: 731.90 ft
 North: 1764445.25 ft
 East: 1115772.00 ft
 Station: 906+74.94
 Offset: 27.16 ft

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Q _u (ksf)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Q _u (ksf)	Moisture Content (%)
15.00	15-inch thick SILTY LOAM	1	7	9	4.92	14						
17.00	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	2	8	9	4.51	17						
17.00		3	7	9	4.51	17						
17.00		4	10	12	6.20	17						
18.00		5	11	10	6.40	16						
18.00		6	12	6	2.79	14						
18.00		7	13	6	2.79	12						
18.00		8	14	5	1.80	14						
18.00	Very stiff, gray CLAY	9	15	6	3.69	23						
	Boring terminated at 20.00 ft											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling: 09-07-2011	Complete Drilling: 09-07-2011	While Drilling: <input checked="" type="checkbox"/> WET	At Completion of Drilling: <input checked="" type="checkbox"/> DRY
Drilling Contractor: WTS	Drill Rig: B-57 TMR	Time After Drilling: <input checked="" type="checkbox"/> NA	Depth to Water: <input checked="" type="checkbox"/> NA
Driller: R&P	Logger: B. Wilson	This sheet shows limits with the adjacent boreholes to indicate the location of the actual borehole.	
Drilling Method: 3.25" DAHSA; Boring backfilled upon completion	Checked by: C. Marin		

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BORING LOG 1RW1-B-1 Page 1 of 1

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

Date: NGVD
 Elevation: 750.90 ft
 North: 1734810.97 ft
 East: 1116142.58 ft
 Station: 38+00.13
 Offset: 60.21 ft

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Q _u (ksf)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Q _u (ksf)	Moisture Content (%)
14.00	12-inch thick brown SILTY CLAY - TOPSOIL	1	4	5	3.50	15						
14.00	Very soft, brown and gray CLAY LOAM, trace gravel	2	5	5	4.54	18						
14.00	Hard, brown and gray SILTY CLAY, trace gravel	3	6	4	4.54	18						
18.00		4	7	10	8.14	23						
18.00		5	8	12	7.87	21						
18.00		6	9	9	6.31	25						
18.00	Very soft, brown and gray SILTY CLAY LOAM	7	10	5	2.46	23						
	Boring terminated at 15.00 ft											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling: 09-08-2011	Complete Drilling: 09-08-2011	While Drilling: <input checked="" type="checkbox"/> WET	At Completion of Drilling: <input checked="" type="checkbox"/> DRY
Drilling Contractor: WTS	Drill Rig: B-57 TMR	Time After Drilling: <input checked="" type="checkbox"/> NA	Depth to Water: <input checked="" type="checkbox"/> NA
Driller: R&P	Logger: B. Wilson	This sheet shows limits with the adjacent boreholes to indicate the location of the actual borehole.	
Drilling Method: 3.25" DAHSA; Boring backfilled upon completion	Checked by: C. Marin		

URS
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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:\60F05-SHT-Boring05.dgn	USER NAME: Patrick_Mannamann	DESIGNED: WEI	REVISED: 04/12/2013 P.M.H.	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. 582	
	PLOT SCALE: 0.25" = 1' - 0"	DRAWN: JDC	REVISED:			CONTRACT NO. 60F05					
	PLOT DATE: 4/15/2013	CHECKED: JCE	REVISED:			ILLINOIS FED. AID PROJECT					
						SHEET NO. 27 OF 41 SHEETS					