

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG 3RW7-B-12 Page 1 of 1
 WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 3
 Location: Ret. Wall 016-Z006, Cook Co., IL

Datum: NGVD
 Elevation: 687.50 ft
 North: 1812097.15 ft
 East: 1115226.41 ft
 Station: 312+95.81
 Offset: 72.53 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
687.5	3-inch thick, brown SILTY LOAM --TOPSOIL--						687.5						
	Hard, brown and gray SILTY CLAY LOAM, trace gravel	1	8	10	4.50	3			11	12	15	NP	8
		2	8	12	4.50	13			12	17	33	NP	13
		3	14	47	4.50	14			30				
		4	6	9	4.18	13							
677.6	Medium dense, brown SAND												
		5	12	11	NP	9							
		6	6	9	NP	7							
		7	5	7	NP	17							
668.5	Hard, gray SILTY CLAY with fine sand seams												
		8	6	7	4.35	19							
667.6	Dense, gray fine SAND												
		9	12	15	NP	12							
664.5	Dense to very dense, gray GRAVELLY SAND												
		10	14	23	NP	5							

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	09-22-2011	Complete Drilling	09-22-2011	While Drilling	16.00 ft
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	27.00 ft
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA
Checked by	C. Marin	Depth to Water	NA		
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion				

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG 3RW7-B-13 Page 1 of 1
 WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 3
 Location: Ret. Wall 016-Z006, Cook Co., IL

Datum: NGVD
 Elevation: 691.00 ft
 North: 1812180.57 ft
 East: 1115229.60 ft
 Station: 313+79.19
 Offset: 68.36 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
690.7	4-inch thick, brown SILTY CLAY LOAM --TOPSOIL--						690.7						
	Stiff to hard, brown and gray SILTY CLAY, trace gravel	1	6	8	4.50	14			11	7	6	NP	7
		2	5	7	4.50	24			12	10	14	NP	6
		3	9	11	3.77	16							
		4	6	7	4.10	18							
		5	3	4	1.15	18							
		6	6	9	1.23	16							
675.5	Medium dense, brown to gray SANDY LOAM to SAND												
		7	8	9	NP	7							
		8	8	10	NP	11							
		9	8	9	NP	6							
		10	9	10	NP	6							

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	09-22-2011	Complete Drilling	09-22-2011	While Drilling	DRY
Drilling Contractor	WTS	Drill Rig	D-50 TMR	At Completion of Drilling	DRY
Driller	K&K	Logger	B. Wilson	Time After Drilling	NA
Checked by	C. Marin	Depth to Water	NA		
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion				

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG 3RW7-HA-01 Page 1 of 1
 WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 3
 Location: Ret. Wall 016-Z006, Cook Co., IL

Datum: NGVD
 Elevation: 688.00 ft
 North: 1811224.61 ft
 East: 1115222.53 ft
 Station: 304+22.25
 Offset: 85.97 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
687.8	3-inch thick, black SILTY LOAM --TOPSOIL--						687.8						
	Brown SILTY LOAM, trace to some gravel	1	PUSH	NP	8				2	PUSH	NP	17	
		2	PUSH	NP	17				3	PUSH	NP	15	
		3	PUSH	NP	15				4	PUSH	NP	15	
		4	PUSH	NP	15				5	PUSH	4.98	23	
680.5	Hard, brown and gray SILTY CLAY LOAM, trace gravel								6	PUSH	7.88	20	
		5	PUSH	6.02	22				7	PUSH	3.84	15	
		6	PUSH	5.60	15				8	PUSH	8.82	16	
		7	PUSH	8.82	16				9	PUSH	5.60	15	
		8	PUSH	3.84	15				10	PUSH	8.82	16	
		9	PUSH	5.60	15								
		10	PUSH	8.82	16								

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	10-07-2011	Complete Drilling	10-12-2011	While Drilling	DRY
Drilling Contractor	WTS	Drill Rig	Geoprobe	At Completion of Drilling	DRY
Driller	F&N	Logger	N. Boddy	Time After Drilling	NA
Checked by	C. Marin	Depth to Water	NA		
Drilling Method	Hand Auger				

100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

URS

FILE NAME = 016Z006-60M62-015-bor.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS 6 STRUCTURE NO. 016-Z006	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - AMK	REVISED -			330	103R-5	COOK	778	455	
		DRAWN - AMV	REVISED -			CONTRACT NO. 60M62					
		CHECKED - AMK	REVISED -			ILLINOIS FED. AID PROJECT					