

BORING LOG RWB-67

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-18, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 713.43 ft
 North: 1807202.48 ft
 East: 1115404.77 ft
 Station: 263+99.17
 Offset: 61.91 RT

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 (%)
713.05	1.5-inch thick ASPHALT -PAVEMENT-	0											
712.6	5-inch thick CRUSHED STONE -BASE COURSE-	1	1	2	0.90	24							
	Soft to medium stiff, brown and gray SILTY CLAY, trace gravel -FILL-	2	2	1	0.25	25							
707.9	Medium stiff, black, organic SILTY CLAY -MUCK-	3	3	0	0.50	35							
704.7	Soft to medium stiff, brown and gray SILTY CLAY	4	4	1	0.66	37							
		5	5	0	0.33	37							
		6	6	0	0.25	22							
697.9	Stiff to hard, gray SILTY CLAY, trace gravel	7	7	2	1.97	21							
693.4	Boring terminated at 20.00 ft	8	8	5	4.43	20							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-18-2011	Complete Drilling	04-18-2011	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	B-57 TMR	At Completion of Drilling	▽	DRY	
Driller	K&R	Logger	B. Wilson	Time After Drilling	NA		
Checked by	CLM	Depth to Water	▽	NA			
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion.			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

BORING LOG RWB-68

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-20, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 711.79 ft
 North: 1807473.79 ft
 East: 1115408.11 ft
 Station: 266+70.50
 Offset: 69.49 RT

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 (%)
711.62	1.5-inch thick ASPHALT -PAVEMENT-	0											
710.4	12-inch thick CRUSHED STONE -BASE COURSE-	1	1	4	2.50	19							
	Medium stiff to very stiff, brown and gray SILTY CLAY LOAM, trace to little gravel -FILL-	2	2	3	2.79	21							
		3	3	1	1.15	15							
		4	4	0	0.98	27							
701.3	Very stiff, brown and gray SILTY CLAY, trace gravel	5	5	0	3.61	22							
		6	6	0	3.61	19							
696.8	Boring terminated at 15.00 ft	15											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-15-2011	Complete Drilling	04-15-2011	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	B-57 TMR	At Completion of Drilling	▽	DRY	
Driller	K&R	Logger	B. Wilson	Time After Drilling	NA		
Checked by	CLM	Depth to Water	▽	NA			
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion.			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

BORING LOG RWB-69

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-21, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 708.26 ft
 North: 1807701.70 ft
 East: 1115275.86 ft
 Station: 269+00.39
 Offset: 59.29 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 (%)
707.94	1.5-inch thick ASPHALT -PAVEMENT-	0											
707.3	8-inch thick CRUSHED STONE -BASE COURSE-	1	3	5	4.00	16							
	Hard, brown SILTY CLAY LOAM, little gravel -FILL-	2	4	6	3.69	20							
	Stiff to hard, brown and gray SILTY CLAY, trace gravel	3	4	6	6.81	19							
		4	4	7	3.44	14							
		5	3	7	4.02	13							
		6	3	7	1.80	11							
693.3	Boring terminated at 15.00 ft	15											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-18-2011	Complete Drilling	04-18-2011	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	B-57 TMR	At Completion of Drilling	▽	DRY	
Driller	K&R	Logger	B. Wilson	Time After Drilling	NA		
Checked by	CLM	Depth to Water	▽	NA			
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion.			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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