

**BORING LOG RWB-76**

WEI Job No.: 201-40-01  
 Client: McDonough Associates Inc.  
 Project: US 45, Segment 2  
 Location: Ret. Wall RW-25, Cook Co., T36N, R12E

Datum: NGVD  
 Elevation: 717.49 ft  
 North: 1805608.38 ft  
 East: 1115695.79 ft  
 Station: 231+79.74  
 Offset: 45.34 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 (%)
717.23	13-inch thick, brown SILTY CLAY --TOPSOIL-- Very stiff to hard, brown SILTY CLAY LOAM, trace gravel --FILL--	0	1	3.00	16								
		5	2	3.61	19								
		10	3	5.08	14								
708.7	Medium stiff to hard, brown and gray SILTY CLAY	10	4	0.90	34								
		15	5	1.47	22								
		15	6	4.43	19								
702.5	Boring terminated at 15.00 ft	15											

**GENERAL NOTES**

Begin Drilling: 04-13-2011 Complete Drilling: 04-13-2011  
 Drilling Contractor: WTS Drill Rig: B-57 TMR  
 Driller: K&R Logger: B. Wilson Checked by: CLM  
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion

**WATER LEVEL DATA**

While Drilling: DRY  
 At Completion of Drilling: DRY  
 Time After Drilling: NA  
 Depth to Water: NA

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WEI Job No.: 201-40-01  
 Client: McDonough Associates Inc.  
 Project: US 45, Segment 2  
 Location: Ret. Wall RW-25, Cook Co., T36N, R12E

Datum: NGVD  
 Elevation: 716.21 ft  
 North: 1805609.50 ft  
 East: 1115769.54 ft  
 Station: 232+53.46  
 Offset: 42.44 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 (%)
715.94	13-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to very stiff, brown SILTY CLAY LOAM, trace gravel --FILL--	0	1	2.50	27								
		5	2	1.80	13								
710.7	Very stiff to hard, brown and gray SILTY CLAY, trace gravel	5	3	2.54	21								
		10	4	2.87	20								
		15	5	4.67	21								
		15	6	2.30	22								
701.2	Boring terminated at 15.00 ft	15											

**GENERAL NOTES**

Begin Drilling: 04-13-2011 Complete Drilling: 04-13-2011  
 Drilling Contractor: WTS Drill Rig: B-57 TMR  
 Driller: K&R Logger: B. Wilson Checked by: CLM  
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion

**WATER LEVEL DATA**

While Drilling: DRY  
 At Completion of Drilling: DRY  
 Time After Drilling: NA  
 Depth to Water: NA

**BORING LOG RWB-78**

WEI Job No.: 201-40-01  
 Client: McDonough Associates Inc.  
 Project: US 45, Segment 2  
 Location: Ret. Wall RW-25, Cook Co., T36N, R12E

Datum: NGVD  
 Elevation: 717.39 ft  
 North: 1805609.89 ft  
 East: 1115845.95 ft  
 Station: 233+29.84  
 Offset: 40.21 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 (%)
717.13	13-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY LOAM, trace gravel --FILL--	0	1	4.50	13								
		5	2	3.77	19								
		10	3	1.56	27								
709.4	Very stiff, to hard, brown and gray SILTY CLAY	10	4	2.05	23								
		15	5	4.67	19								
		15	6	4.43	20								
702.4	Boring terminated at 15.00 ft	15											

**GENERAL NOTES**

Begin Drilling: 04-13-2011 Complete Drilling: 04-13-2011  
 Drilling Contractor: WTS Drill Rig: B-57 TMR  
 Driller: K&R Logger: B. Wilson Checked by: CLM  
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion

**WATER LEVEL DATA**

While Drilling: DRY  
 At Completion of Drilling: DRY  
 Time After Drilling: NA  
 Depth to Water: NA

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