

BORING LOG 3RW3-B-1

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 3
 Location: RW3, Cook Co., IL

Datum: NGVD
 Elevation: 706.00 ft
 North: 1812980.05 ft
 East: 1115241.17 ft
 Station: 321+77.55
 Offset: 57.46 LT

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 (%)
705.3	8-inch thick, brown SILTY CLAY --TOPSOIL-- Hard, brown and gray SILTY CLAY LOAM, trace gravel	0	1	4	246	19							
		5	2	4	230	20							
		10	3	7	6.15	15							
		15	4	6	5.25	15							
695.5	Very stiff, gray CLAY	15	5	4	2.79	21							
691.0	Boring terminated at 15.00 ft	15	6	2	2.79	22							

GENERAL NOTES

Begin Drilling: 09-23-2011 Complete Drilling: 09-23-2011
 Drilling Contractor: WTS Drill Rig: D-50 TMR
 Driller: K&K Logger: B. Wilson Checked by: C. Marin
 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 3RW3-B-2

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 3
 Location: RW3, Cook Co., IL

Datum: NGVD
 Elevation: 707.30 ft
 North: 1813053.44 ft
 East: 1115226.40 ft
 Station: 322+50.86
 Offset: 72.64 LT

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 (%)
706.7	7-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to hard, brown and gray CLAY to SILTY CLAY, trace gravel	0	1	5	3.12	20							
		5	2	4	2.54	23							
		10	3	5	2.05	20							
		15	4	5	4.84	18							
		20	5	7	2.45	20							
692.3	Boring terminated at 15.00 ft	15	6	3	1.97	20							

GENERAL NOTES

Begin Drilling: 09-23-2011 Complete Drilling: 09-23-2011
 Drilling Contractor: WTS Drill Rig: D-50 TMR
 Driller: K&K Logger: B. Wilson Checked by: C. Marin
 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 3RW3-B-3

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 3
 Location: RW3, Cook Co., IL

Datum: NGVD
 Elevation: 705.70 ft
 North: 1813126.93 ft
 East: 1115230.09 ft
 Station: 323+24.37
 Offset: 69.37 LT

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 (%)
706.53	5.3-inch thick, brown SILTY CLAY --TOPSOIL-- Medium stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	0	1	5	3.28	20							
		5	2	3	1.72	25							
		10	3	6	6.72	19							
		15	4	5	5.08	17							
		20	5	3	1.15	19							
		25	6	3	0.74	24							
		30	7	7	NA								
		35	8	3	2.46	17							
		40											
		45											
		50											

GENERAL NOTES

Begin Drilling: 09-23-2011 Complete Drilling: 09-23-2011
 Drilling Contractor: WTS Drill Rig: D-50 TMR
 Driller: K&K Logger: B. Wilson Checked by: C. Marin
 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.