

BORING LOG RWB-70

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-22, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 708.67 ft
 North: 1807750.23 ft
 East: 1115275.44 ft
 Station: 269+48.92
 Offset: 58.98 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 (%)
708.34	3.25-inch thick ASPHALT --PAVEMENT--	0											
708.1	3-inch thick CRUSHED STONE --BASE COURSE--	0.5	1	4 5 7	5.99	19							
	Stiff to hard, brown and gray SILTY CLAY, trace gravel	0.5											
		5	2	5 9 11	7.46	19							
		10	3	6 9 3	3.77	15							
		15	4	6 9 3	4.43	11							
		20	5	6 9 3	1.89	13							
		25	6	6 9 3	3.28	15							
693.7	Boring terminated at 15.00 ft	15											

GENERAL NOTES

Begin Drilling: 04-18-2011 Complete Drilling: 04-18-2011
 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-71

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-23, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 708.45 ft
 North: 1807780.95 ft
 East: 1115274.41 ft
 Station: 269+79.65
 Offset: 59.54 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 (%)
707.8	3.25-inch thick ASPHALT --PAVEMENT--	0											
707.6	6-inch thick CRUSHED STONE --BASE COURSE--	0.5	1	4 3 4	2.87	18							
	Very stiff to hard, brown and gray SILTY CLAY, trace gravel	0.5											
		5	2	4 8 10	4.84	20							
		10	3	4 6 7	3.03	16							
		15	4	4 5 6	2.21	18							
		20	5	4 7 7	3.20	14							
		25	6	4 7 9	2.62	12							
693.5	Boring terminated at 15.00 ft	15											

GENERAL NOTES

Begin Drilling: 04-15-2011 Complete Drilling: 04-15-2011
 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-72

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-23, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 707.08 ft
 North: 1807849.93 ft
 East: 1115272.72 ft
 Station: 270+49.65
 Offset: 60.18 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 (%)
706.84	3.25-inch thick ASPHALT --PAVEMENT--	0											
706.5	10-inch thick CRUSHED STONE --BASE COURSE--	0.5	1	4 5 10	3.50	18							
704	Very stiff, brown and gray SILTY CLAY LOAM, little gravel	0.5											
	--FILL--	5	2	4 5 9	2.50	24							
	Very stiff to hard, brown and gray SILTY CLAY, trace gravel.	5											
		10	3	4 5 9	4.43	17							
		15	4	4 5 7	4.26	17							
		20	5	4 7 11	4.67	20							
		25	6	4 7 11	5.41	20							
692.1	Boring terminated at 15.00 ft	15											

GENERAL NOTES

Begin Drilling: 04-15-2011 Complete Drilling: 04-15-2011
 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.