

BORING LOG RWB-21

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-3, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 692.10 ft
 North: 1799568.26 ft
 East: 1115536.58 ft
 Station: 187+63.79
 Offset: 58.06 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 (%)
691.1	12-inch thick, brown, gravelly SANDY LOAM		1	4 3	3.00	17							
688.1	Very stiff, brown and gray SILTY CLAY LOAM, with trace to little gravel		2	4 3	4.84	19							
	Very stiff to hard, brown and gray CLAY to SILTY CLAY, trace gravel		3	4 3	4.26	20							
			4	4 3	5.17	18							
			5	4 3	3.12	20							
			6	4 3	2.79	20							
			7	4 3	2.13	18							
			8	3 3	2.50	18							
	ROCK OBTURATED THE SPOON												
	Boring terminated at 20.00 ft												

GENERAL NOTES

Begin Drilling: 04-11-2011 Complete Drilling: 04-11-2011
 Drilling Contractor: WTS Drill Rig: D-50 ATV
 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-22

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-3, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 695.71 ft
 North: 1799687.95 ft
 East: 1115523.03 ft
 Station: 188+83.88
 Offset: 67.54 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 (%)
694.1	12-inch thick, gravelly SANDY LOAM		1	4 4	3.00	11							
	Stiff to very stiff, brown and gray SILTY CLAY LOAM, little gravel		2	4 2	3.00	20							
			3	4 2	1.75	21							
			4	4 3	4.35	16							
			5	4 3	2.87	20							
			6	4 3	2.79	19							
			7	4 3	2.38	24							
			8	4 3	3.03	19							
	Very stiff to hard, gray SILTY CLAY, trace gravel												
	Boring terminated at 20.00 ft												

GENERAL NOTES

Begin Drilling: 04-11-2011 Complete Drilling: 04-11-2011
 Drilling Contractor: WTS Drill Rig: D-50 ATV
 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-32

WEI Job No.: 201-40-01
 Client: McDonough Associates Inc.
 Project: US 45, Segment 2
 Location: Ret. Wall RW-4, Cook Co., T36N, R12E

Datum: NGVD
 Elevation: 693.64 ft
 North: 1801480.32 ft
 East: 1115467.75 ft
 Station: 206+77.08
 Offset: 61.74 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 (%)
693.25	5-inch thick, ASPHALT PAVEMENT		1	2 2 3	1.00	18							
692.8	8-inch thick, CRUSHED STONE BASE COURSE		2	1 1 3	0.75	28							
689.3	Medium stiff to stiff, brown and gray CLAY LOAM, little gravel		3	2 2 3	0.90	27							
	Medium stiff to stiff, brown and gray SILTY CLAY		4	2 2 3	1.23	31							
			5	0 0 0	0.41	29							
			6	0 0 0	<0.25	31							
			7	0 0 1	<0.25	28							
675.6	Very loose, gray SILT with fine SAND laminations		8	0 0 2	NP	25							
673.1	Loose to medium dense, gray, fine to coarse SAND, trace gravel		9	0 0 2	NP	15							
			10	4 7 8	NP	17							
	Boring terminated at 25.00 ft												

GENERAL NOTES

Begin Drilling: 04-21-2011 Complete Drilling: 04-21-2011
 Drilling Contractor: WTS Drill Rig: B-57 TMR
 Driller: R&K Logger: B. Wilson Checked by: CLM
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: 18.00 ft
 At Completion of Drilling: 16.00 ft
 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.