BORING LOG RWB-23

wangeng@wangeng.com
Telephone:
Fax:

WEI Job No.: 201-40-01
Client: McDonough Associates Inc.
Project: US 45
Location: ORLAND PARK, T 36N, R 12E

Datum: NGVD
Elevation: 686.00 ft
North: 1880537.99 ft
East: 1115638.79 ft
Station: 197+29.75
Offset: 69.10 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / Recovery	Sample No.	SPT Values (blw/6 in)	Q_u (tsf)	Moisture Content (%)
	Medium dense, brown and gray SANDY LOAM, little gravel --FILL--			1	6 6 6	NP	10
682.3	Stiff to very stiff, gray SILTY CLAY, trace gravel	5		2	4 4 4	2.95 B	19
				3	2 2 3	1.15 B	23
		10		4	2 3 3	1.15 B	21
675.5	Loose, gray SANDY LOAM --WET--			5	1 1 2	NP	21
673.0	Medium stiff, gray SILTY CLAY, trace gravel	15		6	2 2 4	0.90 B	23
670.5	Loose, gray, fine SAND			7	3 3 4	NP	19
666.3	Stiff, gray SILTY CLAY, trace gravel	20		8	2 3 4	NP	19
				9	3 5 7	1.64 B	23
662.1	Very loose to medium dense, gray, fine to medium SAND	25		10	4 5 6	NP	15
		30		11	3 4 5	NP	19
				12	3 3 4	NP	25
		35		13	0 0 2	NP	24
		40		14	1 1 2	NP	20
		45		15	5 5 6	NP	18
		50		16	4 5 8	NP	14

WANGENGINC 201400.GPJ WANGENGLOT 7/7/11

GENERAL NOTES

Begin Drilling 04-05-2011 Complete Drilling 04-05-2011
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 ▽ 10.50 ft
At Completion of Drilling ▼ WASHED
Time After Drilling NA
Depth to Water ▼ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / Recovery	Sample No.	SPT Values (blw/6 in)	Q_u (tsf)	Moisture Content (%)
624.0	Medium dense to dense, gray SILT	55		17	5 6 7	NP	13
		60		18	6 7 10	NP	22
		65		19	4 9 12	NP	20
616.0	Boring terminated at 70.00 ft	70		20	9 12 18	NP	13
		75					

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GENERAL NOTES

Begin Drilling 04-05-2011 Complete Drilling 04-05-2011
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 ▽ 10.50 ft
At Completion of Drilling ▼ WASHED
Time After Drilling NA
Depth to Water ▼ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING LOG RWB-24

wangeng@wangeng.com
Telephone:
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WEI Job No.: 201-40-01
Client: McDonough Associates Inc.
Project: US 45
Location: ORLAND PARK, T 36N, R 12E

Datum: NGVD
Elevation: 683.50 ft
North: 1880583.33 ft
East: 1115632.76 ft
Station: 197+75.00
Offset: 72.64 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / Recovery	Sample No.	SPT Values (blw/6 in)	Q_u (tsf)	Moisture Content (%)
	Very stiff, brown SILTY CLAY LOAM, little gravel --FILL--			1	4 5 5	2.00 P	18
680.3	Very stiff, gray SILTY CLAY, trace gravel	5		2	4 4 4	2.30 B	20
676.0	Very soft to soft, gray SILTY CLAY, trace gravel			3	2 2 2	0.25 P	23
		10		4	1 2 1	0.25 P	33
673.0	Medium dense, gray, fine to coarse SAND, little gravel --WET--			5	4 4 6	NP	21
669.8	Stiff to very stiff, gray SILTY CLAY, trace gravel	15		6	2 2 4	1.23 B	22
				7	5 8 14	2.95 B	21
		20		8	3 6 10	2.87 B	20
				9	3 5 6	1.89 B	22
		25		10	2 3 5	1.56 B	24
641.8	Very loose to medium dense, gray, fine SAND --WET--			11	3 5 6	1.31 B	25
		30		12	3 4 7	1.56 B	22
		35		13	3 4 6	1.64 B	22
		40		14	3 5 7	1.72 B	22
		45		15	0 0 0	NP	19
		50		16	6 7 8	NP	19
633.5	Boring terminated at 50.00 ft						

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GENERAL NOTES

Begin Drilling 04-01-2011 Complete Drilling 04-01-2011
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 ▽ 10.50 ft
At Completion of Drilling ▼ 15.00 ft
Time After Drilling NA
Depth to Water ▼ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.