BORING LOG B-01

Wang Engineering
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 201-38-01

Client: McDonough Associates, Inc.
Project: IL Rte 38 (FAP 347) over the UPRR
Location: DuPage County, IL

Datum: NAVD88
Elevation: 772.52 ft
North: 1899890.87 ft
East: 1002857.80 ft
Station: 106+79.62
Offset: 53.94 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION
771.3	14-inch thick, black LOAM --TOPSOIL--
	Stiff to hard, brown to gray, SILTY CLAY LOAM with trace gravel
748.0	Medium dense, gray SILTY LOAM with some gravel
736.0	Stiff to hard, gray CLAY with trace gravel

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1	2 3 4	NP	25
2	2 4 5	2.62 B	17
3	2 4 8	3.44 B	17
4	2 6 9	4.16 B	17
5	2 5 9	2.79 B	14
6	2 5 7	2.58 B	15
7	3 6 7	2.30 B	15
8	2 4 7	1.72 B	16
9	3 5 6	2.05 B	17
10	3 3 6	1.55 B	16
11	4 6 6	NP	13
12	4 5 6	NP	12
13	4 5 6	NP	14
14	4 8 13	5.17 B	16

GENERAL NOTES

Begin Drilling: 07-06-2009 Complete Drilling: 07-06-2009
Drilling Contractor: Wang Testing Service Drill Rig: Mobile B-57 TMR
Driller: J & K Logger: C. Marin Checked by: M. Snider
Drilling Method: 4.25-inch ID HSA; Boring Backfilled Upon Completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
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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Station: 106+79.62
Offset: 53.94 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION
706.0	Medium dense to dense, gray SANDY LOAM with some gravel
697.5	Boring terminated at 75.00 ft

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
15	3 5 7	2.46 B	19
16	4 5 8	2.38 B	19
17	4 7 10	1.97 B	11
18	5 7 9	2.54 B	19
19	5 6 9	2.95 B	20
20	8 9 11	NP	9
21	9 19 38	NP	10

GENERAL NOTES

Begin Drilling: 07-06-2009 Complete Drilling: 07-06-2009
Drilling Contractor: Wang Testing Service Drill Rig: Mobile B-57 TMR
Driller: J & K Logger: C. Marin Checked by: M. Snider
Drilling Method: 4.25-inch ID HSA; Boring Backfilled Upon Completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
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 B-02

Wang Engineering
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 201-38-01

Client: McDonough Associates, Inc.
Project: IL Rte 38 (FAP 347) over the UPRR
Location: DuPage County, IL

Datum: NAVD88
Elevation: 769.10 ft
North: 1899912.00 ft
East: 1002984.15 ft
Station: 108+77.75
Offset: 24.85 LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION
767.9	15-inch thick, black LOAM --TOPSOIL--
	Medium stiff to very stiff, gray CLAY LOAM
753.5	Stiff to hard, brown to gray SILTY CLAY LOAM with some gravel and possible cobbles
748.6	Medium dense, gray SILTY LOAM
746.1	Stiff, gray CLAY with trace gravel
743.6	Stiff, gray SILTY LOAM with trace gravel
733.1	Stiff to hard, gray CLAY with trace gravel

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1	1 2 2	0.50 P	36
2	3 5 8	2.87 B	19
3	5 8 10	4.18 B	15
4	4 7 10	3.20 B	16
5	5 7 10	2.79 B	16
6	6 10 13	2.54 B	15
7	4 8 14	3.28 B	15
8	8 12 20	1.50 P	21
9	5 8 9	NP	19
10	4 6 9	1.64 B	16
11	4 6 8	1.31 B	13
12	4 7 9	1.39 B	13
13	8 12 14	1.50 P	14
14	8 14 18	4.02 B	17

GENERAL NOTES

Begin Drilling: 07-06-2009 Complete Drilling: 07-06-2009
Drilling Contractor: Wang Testing Service Drill Rig: Diedrich D-120
Driller: K & J Logger: F. Bozga Checked by: M. Snider
Drilling Method: 3.25-inch ID HSA; Boring Backfilled Upon Completion

WATER LEVEL DATA

While Drilling: 8.00 ft
At Completion of Drilling: 41.50 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.

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WEI Job No.: 201-38-01

Client: McDonough Associates, Inc.
Project: IL Rte 38 (FAP 347) over the UPRR
Location: DuPage County, IL

Datum: NAVD88
Elevation: 769.10 ft
North: 1899912.00 ft
East: 1002984.15 ft
Station: 108+77.75
Offset: 24.85 LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION
692.1	Medium dense, gray, fine SAND
689.1	Boring terminated at 80.00 ft

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
15	9 10 13	3.20 B	19
16	4 7 10	2.54 B	20
17	7 9 11	2.05 B	19
18	7 8 9	1.72 B	19
19	5 8 12	2.05 B	18
20	43 10 10	1.57 B	21
21	25 8 50	1.39 B	18
22	5 7 8	NP	11

GENERAL NOTES

Begin Drilling: 07-06-2009 Complete Drilling: 07-06-2009
Drilling Contractor: Wang Testing Service Drill Rig: Diedrich D-120
Driller: K & J Logger: F. Bozga Checked by: M. Snider
Drilling Method: 3.25-inch ID HSA; Boring Backfilled Upon Completion

WATER LEVEL DATA

While Drilling: 8.00 ft
At Completion of Drilling: 41.50 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.

McDonough Associates Inc.
Engineers / Architects
139 East Randolph Street Chicago, Illinois 60601

FILE NAME = 0450079-60122-061-Soil_Boring_Logs.dgn	USER NAME = jehrhart	DESIGNED - WEI	REVISED -
		CHECKED - MAI	REVISED -
	PLOT SCALE = 1:0.0833333	DRAWN - AMV	REVISED -
	PLOT DATE = 3/20/2012	CHECKED - MAI	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 045-0079

SHEET NO. 61 OF 67 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	LY (HB & VB)	DUPAGE/KANE	421	227

CONTRACT NO. 60122

ILLINOIS FED. AID PROJECT