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**BORING LOG 5MCD3**

Page 1 of 1

WEI Job No.: 414-07-01  
 Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Datum: CCD  
 Elevation: 6.46 ft  
 North: 1839043.03 ft  
 East: 1180490.89 ft  
 Station: 2003+62  
 Offset: 64' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
6.0	6-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY	0	X	1	5 7 6	6.56 B	15	19.0	Very dense, gray SILT	0	X	11	11 21 30	NP	12
		5	X	2	5 6 8	4.43 B	18	21.5	Hard, gray SILTY CLAY	5	X	12	12 24 34	> 4.50 P	10
		10	X	3	5 6 9	4.42 B	18			10	X	13	15 27 42	7.22 B	10
		15	X	4	5 6 8	4.10 B	18	28.5	Boring terminated at 35.00 ft	15	X	13	15 27 42	7.22 B	10
		20	X	5	3 5 6	2.71 B	16			20	X	8	5 8 8	6.48 B	13
		25	X	6	3 7 10	1.89 B	12			25	X	9	6 9 11	6.15 B	15
			X	7	7 11 11	6.89 B	12				X	10	8 9 11	6.81 B	12

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-11-2004	Complete Drilling	08-11-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	B. Fugiel	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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**BORING LOG 6MIJ2**

Page 1 of 1

WEI Job No.: 414-07-01  
 Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Datum: CCD  
 Elevation: -3.46 ft  
 North: 1839380.73 ft  
 East: 1178701.12 ft  
 Station: 2022+91  
 Offset: 64' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.0	6-inch thick, brown CLAY LOAM --TOPSOIL-- Medium dense, brown and gray SILTY LOAM	0	X	1	6 6 5	NP	19			0	X	11	18 26 29	5.99 B	10
		5	X	2	4 6 7	NP	15			5	X	12	24 21 50/5	8.28 B	10
9.0	Very stiff to hard, gray SILTY CLAY	5	X	3	5 4 6	4.43 B	14			10	X	4	2 3 5	2.62 B	15
		10	X	4	5 4 6	2.30 B	17			15	X	5	1 4 6	2.30 B	17
14.8	Very stiff, gray CLAY	10	X	5	4 9 11	1.80 S	13			20	X	6	4 9 11	1.80 S	13
15.5	Stiff to hard, gray SILTY CLAY	15	X	6	6 15 16	7.46 B	7			25	X	7	6 15 16	7.46 B	7
22.5	Dense, gray SILT	20	X	8	9 16 21	7.38 B	11				X	8	9 16 21	7.38 B	11
24.0	Hard, gray gravelly SILTY CLAY, with interbeds of silt	20	X	9	13 20 27	8.45 S	10				X	9	13 20 27	8.45 S	10
		25	X	10	13 21 30	8.53 S	11				X	10	13 21 30	8.53 S	11

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-12-2004	Complete Drilling	08-12-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

**TYLIN** INTERNATIONAL

**LEGEND**

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SOIL BORINGS 5MCD3 & 6MIJ2

SCALE: N.T.S.      DRAWN BY: RTM  
 DATE: MARCH 7, 2006      CHECKED BY: MPG