

Wang Engineering, Inc.
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BORING LOG 5MMN5

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: 5.38 ft
 North: 1839569.88 ft
 East: 1177468.46 ft
 Station: 420+54
 Offset: 65' LT

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BORING LOG 50AB2

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: 3.17 ft
 North: 1841352.81 ft
 East: 1177639.30 ft
 Station: 150+31
 Offset: 72' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
54	3-inch thick, black CLAY LOAM --TOPSOIL--												
	Very stiff, gray CLAY to SILTY CLAY --FILL--	1	1	6 5 2	3.25 P	16			11	11	6 8 12	7.63 B	12
		2	2	2 2 2	2.50 P	16			12	12	10 15 19	4.50 P	10
0.1	Stiff to hard, gray gravelly SILTY CLAY	3	3	3 4 5	1.48 B	15			30				
		4	4	4 4 6	1.48 B	11			35				
		5	5	2 4 5	3.94 B	14			40				
		6	6	3 4 5	3.28 B	14			45				
		7	7	1 4 4	3.28 B	15			50				
		8	8	4 7 8	4.51 B	13							
		9	9	5 10 13	2.87 B	12							
		10	10	6 10 13	8.61 B	12							

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
2.4	Brown SILTY CLAY LOAM --TOPSOIL--												
	Very stiff, gray SILTY CLAY	1	1	6 6 7	3.61 S	15			30	10	18 26 27	3.20 S	10
		2	2	4 5 6	2.87 B	14			35				
2.3	Dense, gray GRAVELLY SANDY LOAM	3	3	9 15 16	NP	8			40				
4.8	Hard, gray SILTY CLAY	4	4	4 7 9	6.15 B	13			45	11	18 23 27	2.46 S	9
		5	5	3 7 15	5.41 S	13			50				
5.8	Medium dense, gray SANDY LOAM	6	6	3 12 13	NP	13							
11.3	Very stiff to hard, gray SILTY CLAY	7	7	6 12 13	6.31 S	12							
		8	8	5 13 13	7.05 S	12							
		9	9	8 15 12	5.17 S	10							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-03-2004	Complete Drilling	08-03-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	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	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-10-2004	Complete Drilling	08-10-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	J. Kasnick	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	

LEGEND

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

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS 5MMN5 & 50AB2

SCALE: N.T.S. DRAWN BY: MPG
 DATE: MARCH 1, 2006 CHECKED BY: JPM