

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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BORING LOG SB 05-16 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: 5.34 ft
 North: 1846076.99 ft
 East: 1177791.56 ft
 Station: 2247+09
 Offset: 87.0' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
4.3	2-inch thick ASPHALT over 10-inch thick CONCRETE --PAVEMENT--							-20.2	Very dense, gray gravelly SILTY LOAM						
	Very stiff, brown and gray, CLAY	1	X	1	4 3 4	2.38 B	20			11	X	11	12 27 39	NP	10
2.3	--FILL-- Stiff to very stiff, brown and gray CLAY	2	X	2	2 2 3	1.31 B	22			12	X	12	27 50/5	NP	9
		5	X	3	2 3 5	2.13 B	20	-25.2	WEATHERED BEDROCK --AUGER REFUSAL--	30	X	13	50/0		
2.1	Medium dense, gray GRAVELLY SANDY LOAM	3	X	3	2 3 5	2.13 B	20				X	13	50/0		
3.4	Stiff, gray gravelly CLAY to SILTY CLAY	4	X	4	2 3 7	1.89 B	18	-28.2	Boring terminated at 33.50 ft	35	X	13	50/0		
6.0	Medium dense, gray SILT, with interbeds of silty clay	5	X	5	7 12 15	NP	23				X	13	50/0		
7.9	Medium dense, gray GRAVELLY SAND	6	X	6	4 6 9	NP	16				X	13	50/0		
9.2	Hard, gray SILTY CLAY	15	X	7	5 11 13	4.92 B	15				X	13	50/0		
5.7	Medium dense, gray GRAVELLY SAND	8	X	8	7 9 14	4.67 B	14				X	13	50/0		
11.2	Very stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM	7	X	9	9 12 13	4.50 P	11				X	13	50/0		
		10	X	10	8 11 12	3.20 S	12				X	13	50/0		

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-18-2004	Complete Drilling	02-18-2004	White Drilling	▽	13.60 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	19.00 ft	
Driller	T&L	Logger	N. Davis	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 SB 05-17 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: 4.17 ft
 North: 1846003.53 ft
 East: 1177789.50 ft
 Station: 2246+36
 Offset: 83.0' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
3.2	2-inch ASPHALT over 10-inch CONCRETE --PAVEMENT--							-20.2	--AUGER REFUSAL--						
	Stiff to very stiff, brown and gray CLAY	1	X	1	10 5 4	2.95 B	19			11	X	11	50/1	NP	
		2	X	2	4 2 3	1.07 B	22				X	11	50/1	NP	
		3	X	3	2 3 6	2.21 B	19				X	11	50/1	NP	
4.0	Medium dense, gray SILT	4	X	4	2 7 9	NP	21				X	11	50/1	NP	
6.3	Medium dense, gray GRAVELLY SAND	5	X	5	4 8 10	NP	13				X	11	50/1	NP	
9.8	Very stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM	6	X	6	4 7 13	4.50 P	13				X	11	50/1	NP	
		7	X	7	4 9 13	4.92 B	16				X	11	50/1	NP	
		8	X	8	5 10 15	3.28 S	14				X	11	50/1	NP	
		9	X	9	5 11 12	5.49 B	13				X	11	50/1	NP	
		10	X	10	10 13 23	4.02 B	14				X	11	50/1	NP	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-18-2004	Complete Drilling	02-18-2004	White Drilling	▽	10.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	10.30 ft	
Driller	T&L	Logger	N. Davis	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.			

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 SB 05-16 & SB 05-17

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