

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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BORING LOG SB SGN 01A Page 1 of 1
WEI Job No.: 414-07-01
Datum: CCD
Elevation: -3.98 ft
North: 1839415.15 ft
East: 1175035.92 ft
Station: 215+44
Offset: 48' LT

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

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 (%)
4.7	8-inch thick, black LOAM --TOPSOIL-- Hard, brown and gray SILTY CLAY	1	X	7	8	8.61	12								
5		2	X	6	7	7.38	12								
5		3	X	5	6	5.08	15								
10		4	X	5	6	7.79	12								
15		5	X	6	8	7.79	10								
15		6	X	12	26	4.26	10								
20		7	X	50	50	4.50	9								
22.5	--BEDROCK--	8	O												
22.7	Boring terminated at 22.7 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-17-2005	Complete Drilling	03-17-2005	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	Y. Shu	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 SGN 01B Page 1 of 1
WEI Job No.: 414-07-01
Datum: CCD
Elevation: 6.26 ft
North: 1839269.38 ft
East: 1175039.04 ft
Station: 215+44
Offset: 44' RT

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

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 (%)
5.9	4-inch thick, black LOAM --TOPSOIL-- Medium stiff to stiff, black, brown, and gray CLAY --FILL--	1	X	1	2	0.90	29								
5		2	X	1	2	1.07	31								
0.8	Very soft to medium stiff, gray CLAY, with silt interbeds	3	X	1	2	0.90	34								
10		4	X	1	1	0.16	42								
15		5	X	0	0	0.25	38								
15		6	X	1	1	0.25	20								
9.2	Very stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM, with silt interbeds	7	X	3	5	5.00	12								
20		8	X	3	7	4.26	13								
25		9	X	8	9	5.17	11								
25		10	X	4	5	2.71	14								
25.4	Dense to very dense, gray gravelly SILTY LOAM	11	X	4	8	4.84	15								
30		12	X	8	10	5.99	12								
35		13	X	7	14	5.49	11								
35		14	X	9	29	NP									
35	Boring terminated at 35.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-17-2005	Complete Drilling	02-17-2005	While Drilling	∇	9.25 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	9.25 ft	
Driller	K&A	Logger	J. Kasnick	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-SGN-1A & SB-SGN-1B

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