

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
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 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG SP-28 Page 1 of 1
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: -2.23 ft
 North: 1841888.30 ft
 East: 1177878.59 ft
 Station: 2205+20
 Offset: 54' RT

Client: T. Y. LIN International, Inc.
 Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
 Location: City of Chicago, Cook County, Illinois

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	12-inch thick, ASPHALT --PAVEMENT--														
	18-inch thick, CRUSHED STONE --BASE COURSE--	1	X	4	NP	2									
		5	X	5											
4.7	Loose, white SANDY GRAVEL --FILL--	2	X	15	NP	3									
		3	X	3											
		2	X	2											
		2	X	2											
		5	X	11											
		3	X	3	NP	2									
		1	X	1											
		1	X	1											
8.2	Very dense, white SANDY GRAVEL --FILL--	4	X	20	NP	3									
		5	X	48	NP	4									
		5	X	33											
		6	X	28											
12.2	Hard, gray SILTY CLAY	6	X	28		4.50	16								
		9	X	6											
		9	X	9											
14.2	Boring terminated at 12.00 ft	7	X	10		4.50	13								
		7	X	13											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-07-2005	Complete Drilling	09-07-2005	While Drilling	▽	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	S. Sugiarto	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.			

WANGENG 440701.GPJ WANGENG.DOT 10/18/05
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LEGEND

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

TYLIN INTERNATIONAL

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BORING LOG SP-46 Page 1 of 1
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: -0.10 ft
 North: 1839789.17 ft
 East: 1176921.24 ft
 Station: 339+42
 Offset: 20' 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 (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 (%)
0.7	7-inch thick, CONCRETE --PAVEMENT--														
	Very dense, green coarse SAND --FILL--	1	X	10	NP	31									
		5	X	50											
		4	X	41											
		2	X	21	NP	35									
		3	X	36											
		2	X	20											
		2	X	27											
4.1	Very stiff to hard, gray SILTY CLAY	3	X	3											
		5	X	5		4.50	12								
		7	X	7											
		8	X	8											
		8	X	8											
		4	X	12		4.50	12								
		4	X	14											
		11	X	11											
		7	X	7											
		8	X	8											
		9	X	9											
		9	X	9											
		6	X	5		3.00	16								
		6	X	5											
		5	X	5											
12.1	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-09-2005	Complete Drilling	09-09-2005	While Drilling	▽	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	S. Sugiarto	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.			

WANGENG 440701.GPJ WANGENG.DOT 10/17/05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS SP-28 & SP-46

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