

W Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG SP-47
WEI Job No.: 414-07-01

Datum: CCD
Elevation: -7.95 ft
North: 1839874.54 ft
East: 1177249.65 ft
Station: 335+99
Offset: 16' LT

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 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 (%)
-8.8	10-inch thick, CONCRETE --PAVEMENT--												
-8.8	2-inch thick, CRUSHED STONE --BASE COURSE--												
	Very stiff to hard, gray SILTY CLAY LOAM	1	8	2.00	16					9	4	5.58	12
		2	6							8	8		
		2	2							9	9		
		5	10	2.46	15		-32.0	Boring terminated at 24.00 ft --AUGER REFUSAL--		10	50	5.74	14
		5	4										
		5	4										
	--A-4 (2)-- --LL=22%, PL=16%--	3	3	2.05	18								
		3	3										
		3	5										
		4	13	8.94	11								
		4	11										
		4	13										
-18.5	Hard, gray SILTY CLAY	5	6	11.56	11								
		5	10										
		5	15										
		6	7	11.32	12								
		6	10										
		6	11										
		7	6	7.38	13								
		7	7										
		7	8										
		8	5	5.82	13								
		8	5										
		8	9										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-09-2005	Complete Drilling	09-09-2005	White 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.			

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BORING LOG SP-48
WEI Job No.: 414-07-01

Datum: CCD
Elevation: -14.64 ft
North: 1839879.51 ft
East: 1177556.85 ft
Station: 332+85
Offset: 20' LT

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 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 (%)
-15.5	10-inch thick CONCRETE --PAVEMENT--												
-15.5	2-inch thick CRUSHED STONE --BASE COURSE--												
	Very stiff to hard, gray SILTY CLAY	1	4	2.50	11								
		1	4										
		2	7	4.50	12								
		2	8										
		2	8										
		3	6	4.50	13								
		3	7										
		3	7										
		4	9	4.50	12								
		4	12										
		4	12										
		4	13										
		5	9	4.50	11								
		5	14										
		5	12										
		5	12										
		5	14										
		6	9	4.50	12								
		6	12										
		6	12										
		6	14										
-26.6	Boring terminated at 12.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-08-2005	Complete Drilling	09-08-2005	White 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.			

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 SP-47 & SP-48

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