

**Wang Engineering, Inc.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
 Fax: 630 953-9938

**BORING LOG 6RKL2** 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  
 Elevations 6.09 ft  
 North: 1856861.25 ft  
 East: 1177131.21 ft  
 Station: 7127+99  
 Offset: 46' RT

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**BORING LOG 6RKL3** 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: 4.76 ft  
 North: 1857292.63 ft  
 East: 1177119.99 ft  
 Station: 7123+65  
 Offset: 28' RT

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.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
5.8	Black CLAY LOAM --TOPSOIL-- Loose, brown SAND --FILL--		1	7 4 5	NP	6				11	3 8 8	4.33	13
5.1	Very stiff to hard, gray SILTY CLAY	5	2	3 2 5	B	2.13	18	30	12	4 9 7	5.00	13	
		10	3	2 4 3	B	2.46	18		13	3 7 7	4.84	13	
		15	4	4 4 4	B	2.46	17						
		20	5	1 4 5	B	2.30	17						
		25	6	4 7 9	B	3.53	17						
		30	7	2 8 7	B	4.51	12						
11.9	Medium dense, gray SILT		8	7 8 8	B	3.28	13						
12.9	Very stiff to hard, gray SILTY CLAY	35	9	2 4 6	B	4.43	13						
		40	10	4 6 5	B	6.81	13						

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.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
4.3	Black CLAY LOAM --TOPSOIL-- Very stiff, gray SILTY CLAY		1	7 1 2	B	3.12	17			11	5 5 12	5.74	13
	Medium dense, gray SILT	5	2	3 2 4	B	2.54	18	30	12	5 8 13	5.98	12	
		10	3	4 4 4	B	3.28	17						
		15	4	5 9 7	NP								
3.2	Very stiff, gray SILTY CLAY	20	5	2 4 7	B	2.95	17						
5.7		Very stiff, gray CLAY	25	6	3 4 7	B	3.85	18					
	Very stiff to hard, gray SILTY CLAY	30	7	3 6 6	B	4.10	13						
		35	8	4 5 6	B	3.94	12						
		40	9	3 6 8	B	5.17	13						
		45	10	2 6 7	B	4.10	12						

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-09-2004	Complete Drilling	08-09-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&M	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Checked by	L.I.	Depth to Water	∇	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-09-2004	Complete Drilling	08-09-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&M	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Checked by	L.I.	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. 90/94 (DAN RYAN EXPRESSWAY)  
 31st STREET to I-57

**BORING LOGS FOR HMLT'S  
 6 RKL2 & 6 RKL3**

S.N. DESIGNED BY: DJR  
 SCALE: N.T.S. DRAWN BY: DJR  
 DATE: OCTOBER 29, 2004 CHECKED BY: TD

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