

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	476	549
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62583

USE BORING FOR HMLT 6 OMN4

BORING LOG SB 01-08 Page 1 of 1

Wang Engineering, Inc.
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

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: 16.66 ft
North: 1842446.60 ft
East: 1177934.42 ft
Station: 2210+76.0
Offset: 125.849' 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 (%)
16.5	2-inch thick, ASPHALT --PAVEMENT--	1		8	8	NP	9			11		4	4.59	13	
15.1	7-inch thick, CONCRETE --PAVEMENT--	2		8	8					12		5	3.03	16	
13.7	10-inch thick, CRUSHED STONE --BASE COURSE--	3		3	3					30		8	3.03	16	
	Loose, brown medium SAND --FILL--	5		3	3	0.50	13								
	Medium stiff, gray CLAY --FILL--	10		3	3	0.50	25								
8.7	Very soft to medium stiff, gray CLAY	15		0	0	0.16	29			35		5	5.90	12	
		20		0	0	0.25	23								
		25		1	1	0.33	21			40		11	4.50	13	
		30		0	0	0.74	20								
		35		0	0	1.48	18			45		20	3.12	10	
		40		4	4	4.51	13								
		45		3	3	3.20	15								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-16-2004	Complete Drilling	01-16-2004	While Drilling	▽	28.00 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	28.00 ft	
Driller	J&B	Logger	H. Suhail	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.							

BORING LOG 5PEF3 Page 1 of 1

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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: 6.75 ft
North: 1848802.89 ft
East: 1177722.40 ft
Station: 8711+40
Offset: 17' 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 (%)
6.4	4-inch thick, brown SILTY CLAY LOAM --TOPSOIL--	1		7	7	4.50	14			11		12	8.04	11	
	Very stiff to hard, brown and gray gravelly SILTY CLAY --FILL--	2		4	4	3.85	15			12		8	7.22	11	
	Medium stiff to stiff, gray CLAY	3		3	3	1.00	19			30		16			
		10		2	2	0.98	20			35		30	4.50	9	
		15		0	0	0.90	21								
		20		4	4	2.62	16								
		25		5	5	3.25	11								
		30		8	8	NP	11								
		35		6	6	5.58	10								
		40		7	7	6.56	12								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-16-2004	Complete Drilling	08-16-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▽	DRY	
Driller	J&L	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. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET to I-57
BORING LOGS FOR HMLT'S
6 OMN4 & 5 PEF3

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

SHEET 26 OF 30

10/15/2004 12:50:53 PM