

USE BORING FOR HMLT 6 OKL1

BORING LOG SB 36-09 Page 1 of 1

Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers
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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: 20.01 ft
North: 1844566.85 ft
East: 1177547.96 ft
Station: 1231+77.9
Offset: 138.701' LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Type | Sample No. | N Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------|------------|---------------------|----------|----------------------|
| 20.0 | 2-inch thick, ASPHALT --PAVEMENT-- | 0 | | | | | | 20.0 | | 0 | | | | | |
| 19.0 | 10-inch thick, CONCRETE --PAVEMENT-- | 1 | | 1 | 14 10 6 | NP | 9 | 19.0 | | 1 | | 11 | 6 7 9 | 4.57 | 12 |
| 18.3 | 9-inch thick, CRUSHED STONE --BASE COURSE-- | 2 | | 2 | 8 3 3 | NP | 16 | 18.3 | | 2 | | 12 | 4 7 10 | 4.92 | 12 |
| | Loose to medium dense, brown SAND --FILL-- | 5 | | 3 | 7 2 2 | NP | 10 | | | 3 | | | | | |
| | | 10 | | 4 | 7 2 2 | NP | 10 | | | 4 | | | 30 24 22 | | |
| 15 | Stiff to very stiff, gray CLAY | 15 | | 5 | 4 5 4 | B | 2.46 | 15 | | 5 | | | | | |
| | | 20 | | 6 | 2 2 3 | B | 1.64 | 20 | | 6 | | | | | |
| 15 | Soft, gray CLAY | 20 | | 7 | 2 2 2 | B | 0.41 | 20 | | 7 | | | | | |
| | | 25 | | 8 | 1 1 1 | B | 0.40 | 22 | | 8 | | | | | |
| | | 30 | | 9 | 0 0 0 | B | 0.45 | 22 | | 9 | | | | | |
| | | 35 | | 10 | 2 2 2 | B | 1.23 | 14 | | 10 | | | | | |
| | | 40 | | | | | | | | | | | | | |
| | | 45 | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---|---|-------------------|------------|---------------------------|----|-----|--|
| Begin Drilling | 01-02-2004 | Complete Drilling | 01-02-2004 | While Drilling | ∇ | DRY | |
| Drilling Contractor | Patrick Drilling | Drill Rig | CME 75 TMR | At Completion of Drilling | ∇ | DRY | |
| Driller | J&L | Logger | K. Jacob | 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. | | | | | | | |

USE BORING FOR HMLT 6 OKL2

BORING LOG SB 37-04 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: 8.98 ft
North: 1844919.92 ft
East: 1177539.09 ft
Station: 1235+41.0
Offset: 137.17' LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Type | Sample No. | N Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------|------------|---------------------|----------|----------------------|
| 8.98 | 2-inch thick, ASPHALT --PAVEMENT-- | 0 | | | | | | 8.98 | | 0 | | | | | |
| 7.9 | 11-inch thick, CONCRETE --PAVEMENT-- | 1 | | 1 | 12 9 8 | NP | 5 | 7.9 | | 1 | | 11 | 7 10 15 | 4.90 | 11 |
| 7.0 | 11-inch thick, CRUSHED STONE --BASE COURSE-- | 2 | | 2 | 9 9 7 | B | 4.02 | 7.0 | | 2 | | 12 | 5 5 1 | 4.50 | 7 |
| | Medium stiff to very stiff, brown and gray CLAY | 5 | | 3 | 6 5 5 | B | 2.46 | | | 3 | | | | | |
| | | 10 | | 4 | 3 4 5 | B | 2.46 | | | 4 | | | | | |
| | | 15 | | 5 | 3 2 4 | B | 0.98 | | | 5 | | | | | |
| | | 20 | | 6 | 2 2 5 | B | 1.56 | | | 6 | | | | | |
| | | 25 | | 7 | 3 6 6 | B | 3.55 | | | 7 | | | | | |
| | | 30 | | 8 | 2 4 6 | B | 3.44 | | | 8 | | | | | |
| | | 35 | | 9 | 4 7 10 | B | 4.92 | | | 9 | | | | | |
| | | 40 | | 10 | 7 7 12 | B | 5.74 | | | 10 | | | | | |
| | | 45 | | | | | | | | | | | | | |
| | | 50 | | | | | | | | | | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
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| 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. | | | | | | | |

TYLIN INTERNATIONAL

LEGEND

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

| 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 OKL1 & 6 OKL2

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

10/15/2004 12:50:41 PM