

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
 Lombard, IL 60148
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BORING LOG SB 38-06 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: 7.75 ft
 North: 1846475.44 ft
 East: 1177514.15 ft
 Station: 1250+96.6
 Offset: 117.576' LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | N Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|--|------------|-------------|----------------|-----------------------|----------|----------------------|------------------------|--------------------------------|------------|-------------|-------------------|---------------------|----------|----------------------|
| 6.3 | 10-inch thick, black LOAM --TOPSOIL-- | | | | | | | | | | | | | | |
| | Medium stiff to stiff, black and gray CLAY to CLAY LOAM, with gravel --FILL-- | 1 | | 8 4 5 | 1.00 | 22 | | | | 11 | | 8 8 10 | 4.10 | 12 | |
| | | 2 | | 1 1 1 | 0.66 | 27 | | | | 12 | | 7 13 34 | 5.79 | 11 | |
| 2.2 | Stiff to very stiff, brown and gray CLAY | 3 | | 0 2 3 | 1.39 | 20 | | 24.3 | Very dense, gray GRAVELLY SILT | 35 | | 26 45 50/25 | NP | | |
| | | 4 | | 0 22 10 | 1.80 | 20 | | | | 13 | | | NP | | |
| | | 5 | | 2 4 5 | 2.21 | 18 | | | | 14 | | 40 58/3 | NP | | |
| 6.3 | Hard, gray SILTY CLAY, with gravel | 6 | | 1 7 13 | 4.10 | 19 | | 31.5 | Boring terminated at 39.25 ft | 40 | | | | | |
| | | 7 | | 8 9 12 | 4.59 | 11 | | | | 45 | | | | | |
| | | 8 | | 10 13 14 | 4.67 | 11 | | | | 50 | | | | | |
| | | 9 | | 8 11 15 | 6.31 | 12 | | | | | | | | | |
| | | 10 | | 8 10 15 | 5.58 | 12 | | | | | | | | | |

| 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 | T&B | Logger | Y. Shiu | Time After Drilling | NA | | |
| Checked by | N. Davis | 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 SB 38-07 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: 8.11 ft
 North: 1846546.38 ft
 East: 1177506.36 ft
 Station: 1251+67.8
 Offset: 123.33' LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | N Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|--|------------|-------------|--------------|-----------------------|----------|----------------------|------------------------|-------------------------------|------------|-------------|---------------|---------------------|----------|----------------------|
| 7.3 | 10-inch thick, black LOAM --TOPSOIL-- | | | | | | | | | | | | | | |
| | Hard, black and gray CLAY LOAM --FILL-- | 1 | | 4 8 10 | 4.50 | 14 | | | | 11 | | 6 6 10 | 5.74 | 13 | |
| 5.1 | Stiff to very stiff, brown and gray CLAY | 2 | | 2 3 4 | 2.30 | 24 | | | | 12 | | 7 10 15 | 4.35 | 13 | |
| | | 3 | | 0 3 3 | 1.39 | 21 | | 21.9 | Boring terminated at 30.00 ft | 30 | | | | | |
| | | 4 | | 0 3 3 | 1.56 | 19 | | | | 35 | | | | | |
| | | 5 | | 2 4 7 | 3.44 | 18 | | | | 40 | | | | | |
| 4.9 | Hard, gray SILTY CLAY, with gravel | 6 | | 2 5 10 | 4.35 | 21 | | | | 45 | | | | | |
| | | 7 | | 4 9 11 | 4.00 | 15 | | | | 50 | | | | | |
| | | 8 | | 5 7 10 | 4.18 | 12 | | | | | | | | | |
| | | 9 | | 7 8 12 | 4.35 | 10 | | | | | | | | | |
| | | 10 | | 7 8 10 | 5.08 | 12 | | | | | | | | | |

| 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 | T&B | Logger | Y. Shiu | Time After Drilling | NA | | |
| Checked by | N. Davis | 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

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG LAFAYETTE AVE.
 89TH ST. TO 88TH ST.
 WALL 38
 BORING LOGS SB38-06 & SB38-07
 S.N. 016-W950
 SCALE: N.T.S.
 DATE: MARCH 25, 2005

DESIGNED BY: DJR
 DRAWN BY: DJR
 CHECKED BY: TD

PRO-27-3-Structur-CIT-DWALL-SB-SPT-DRR-R033g-w950.dgn
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