

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|-----------------------|--------------|-------------------|--------------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 353 | (12&13)WRS-4 | Will | 608 | 490 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | Contract No. 62478 | |

SHEET NO. 6
8 SHEETS

W 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 CS-31 Page 1 of 2

WEI Job No.: 401-01-01
Client: CivilTech Engineering, Inc
Project: US 30, Will Co. Illinois, IDOT D-91-218-02
Location: US 30, Will County, Illinois

Datum: NGVD
Elevation: 715.30 ft
North: ft
East: ft
Station: 991+60
Offset: 33 LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/ft) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/ft) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------------|---------------------|----------|----------------------|------------------------|---|------------|------------|---------------------|----------|----------------------|
| 714.0 | 16-inch thick, dark brown CLAY LOAM --TOPSOIL-- | 0 | 1 | 2 | 4.00 | 26 | 688.8 | Medium dense, gray SILTY LOAM | 11 | 9 | 10 | NP | 14 |
| 712.3 | Hard, brown and gray CLAY --FILL-- | 1 | 2 | 4 | 0.90 | 44 | 686.1 | Hard, gray CLAY | 30 | 12 | 6 | 5.49 | 13 |
| | Soft to medium stiff, brown and gray CLAY | 2 | 3 | 1 | 0.50 | 51 | 653.6 | Medium dense, gray SILT to SILTY LOAM | 35 | 13 | 4 | NP | 21 |
| | CLAY=50.9% SILT=49.1% | 10 | 4 | 1 | 0.33 | 40 | | | 40 | 14 | 6 | NP | 20 |
| 703.3 | Very loose, gray SAND to SANDY LOAM | 15 | 5 | 1 | NP | 18 | | | 45 | 15 | 2 | NP | 24 |
| 702.3 | Soft, gray CLAY with organic matter | 20 | 6 | 2 | 0.25 | 32 | | | 50 | 16 | 4 | NP | 21 |
| 699.5 | Stiff to very stiff, gray CLAY | 25 | 7 | 4 | 3.20 | 15 | 658.5 | Medium dense, gray, medium to coarse SAND | | | | | |
| | | | 8 | 9 | 0.9 | 10 | | | | | | | |
| | | | 9 | 3 | 1.58 | 16 | | | | | | | |
| | | | 10 | 2 | 1.39 | 15 | | | | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|--|-------------------|------------|---|----|----------|--|
| Begin Drilling | 04-01-2003 | Complete Drilling | 04-01-2003 | While Drilling | ∇ | 29.25 ft | |
| Drilling Contractor | TSC | Drill Rig | CME 75 TMR | At Completion of Drilling | ∇ | 37.00 ft | |
| Driller | C&J | Logger | H. Suhail | Time After Drilling | NA | | |
| Drilling Method | 3.25" ID HSA; Boring backfilled with bentonite chips 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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|------------------------|-------------------------------|------------|------------|---------------------|----------|----------------------|------------------------|---------------------------|------------|------------|---------------------|----------|----------------------|
| 660.3 | Boring terminated at 55.00 ft | 55 | 17 | 6 | NP | 8 | | | | | | | |

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| | | | | The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual. | | | |

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| DESIGNED | |
| CHECKED | |
| DRAWN | ASJ |
| CHECKED | SPK |

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P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

SOIL BORING LOG CS-31
HARLEM AVENUE OVER
DRAINAGE DITCH
F.A.P. ROUTE 353 - SEC. (12&13)WRS-4
WILL COUNTY
STATION 991+37.00
STRUCTURE NO. 099-C028