

PAGE 1 of 2
DATE 11/20/01
LOGGED BY OBA
OBA JOB No. 01352

SOIL BORING LOG

ROUTE xx DESCRIPTION Illinois Prairie Path Bicycle & Pedestrian Bridge
SECTION 98-00313-00-BR LOCATION Over E.J & E Railway
COUNTY DuPage DRILLING METHOD Rotary HAMMER TYPE CME Automatic

STRUCT. NO. xx
Station xx
BORING NO. B-2
Station 99+18
Offset 8' Left
Ground Surface Elev. 764.4 ft

| DEPTH | BLOWS | UCS | MOIST | DESCRIPTION | DEPTH | BLOWS | UCS | MOIST |
|-----------|-------|-------|-------|---|-----------|-------|----------|-------|
| (ft)/(6") | (tsf) | (%) | | | (ft)/(6") | (tsf) | (%) | |
| | | | | Surface Water Elev. <u>N/A</u> | | | | |
| | | | | Stream Bed Elev. <u>N/A</u> | | | | |
| | | | | Groundwater Elevation: | | | | |
| | | | | First Encounter <u>N/A</u> | | | | |
| | | | | Upon Completion <u>N/A</u> | | | | |
| | | | | After <u>xx</u> Hrs. <u>xx</u> ft | | | | |
| TOPSOIL | | | | | | | | |
| | 4 | | | CLAY-gray-stiff to very stiff (A-6) | | 3 | | 112.2 |
| | 5 | | | | | 4 | | |
| | 5 | 6.25P | 13 | | | 6 | 2.9B | 16 |
| | | | | | | | | |
| | 3 | | | CLAY-gray-stiff to very stiff (A-6) | | 3 | | 113.1 |
| | 3 | | | | | 8 | | |
| | 3 | 1.0P | 19 | | | 16 | 3.3B | 17 |
| | | | | | | | | |
| | 2 | | 90.9 | CLAY-trace organics-brown, gray and black-stiff (A-6) Wet | | 3 | | 110.9 |
| | 5 | | | | | 4 | | |
| | 5 | 1.5B | 25 | | | 6 | 1.25P | 19 |
| | | | | | | | | |
| | 2 | | | SANDY LOAM-gray-medium dense (A-2-6) | | 14 | | |
| | 2 | | | | | 13 | | |
| | 4 | 0.5P | 21 | | | 13 | NP | 17 |
| | | | | | | | | |
| | 3 | | | CLAY-trace gravel-gray-stiff (A-6) | | 5 | | 129.3 |
| | 5 | | | | | 6 | | |
| | 6 | | 15 | | | 9 | 1.7B | 11 |
| | | | | | | | | |
| | 3 | | | CLAY to SILTY CLAY-gray-stiff (A-6/A-4) | | 4 | | 126.9 |
| | 4 | | | | | 5 | | |
| | 5 | 1.75P | 14 | | | 7 | 1.7B | 12 |
| | | | | | | | | |
| | 5 | | | Large Cobble, or Boulder @ -36.0' | | 10/3 | | |
| | 6 | | | | | | No | |
| | 3 | NP | 24 | | | | Recovery | |
| | | | | | | | | |
| | 5 | | | SILTY LOAM-gray-dense (A-4) | | 12 | | |
| | 4 | | | | | 17 | | |
| | 5 | 1.25P | 15 | | | 22 | NP | 21 |
| | | | | | | | | |
| | 5 | | | CLAY-gray-stiff to very stiff (A-6) | | 12 | | |
| | 4 | | | | | 17 | | |
| | 5 | 1.25P | 15 | | | 22 | NP | 21 |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)

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| DEPTH | BLOWS | UCS | MOIST | DESCRIPTION | DEPTH | BLOWS | UCS | MOIST |
|-----------|-------|-------|-------|---|-----------|-------|------|-------|
| (ft)/(6") | (tsf) | (%) | | | (ft)/(6") | (tsf) | (%) | |
| | | | | Surface Water Elev. <u>N/A</u> | | | | |
| | | | | Stream Bed Elev. <u>N/A</u> | | | | |
| | | | | Groundwater Elevation: | | | | |
| | | | | First Encounter <u>N/A</u> | | | | |
| | | | | Upon Completion <u>N/A</u> | | | | |
| | | | | After <u>xx</u> Hrs. <u>xx</u> ft | | | | |
| | | | | SANDY LOAM with large gravel-gray-dense to very dense (A-2-6/A-2-4) | | | | |
| | 30 | | | SILTY LOAM-trace gravel and sand-gray-medium dense (A-4) | | 10 | | |
| | 45 | | | | | 11 | | |
| | 34 | NP | 7 | | | 8 | NP | 9 |
| | | | | | | | | |
| | 17 | | | SILTY CLAY-gray-medium dense (A-4/A-6) | | 7 | | |
| | 27 | | | | | 6 | | |
| | 21 | NP | 7 | | | 7 | | 13 |
| | | | | | | | | |
| | 14 | | | CLAY-trace gravel-gray-very stiff to hard (A-6) | | 4 | | |
| | 18 | | | | | 5 | | |
| | 17 | NP | 8 | | | 6 | | 12 |
| | | | | | | | | |
| | 48 | | | CLAY-trace gravel-gray-very stiff to hard (A-6) | | 7 | | |
| | 21 | | | | | 100/1 | | |
| | 23 | NP | 8 | | | - | 3.5P | 10 |
| | | | | | | | | |
| | 21 | | | Boulder -69.0' to -70.0' | | 100/6 | | 130/1 |
| | 24 | | | | | - | | |
| | 20 | NP | 8 | | | - | 4.7S | 7 |
| | | | | | | | | |
| | 17 | | | CLAY-gray-very stiff to hard (A-6) | | 6 | | |
| | 27 | | | | | 8 | | |
| | 22 | 2.25P | 16 | | | 10 | 6.0P | 9 |
| | | | | | | | | |
| | 9 | | 114.1 | End of Boring @ -75.0' 10' of 4" Casing | | | | |
| | 12 | | | | | | | |
| | 16 | 5.2B | 18 | | | | | |
| | | | | | | | | |
| | 10 | | | SILTY LOAM-travel gravel and sand-gray-medium dense (A-4) | | | | |
| | 9 | | | | | | | |
| | 6 | NP | 9 | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)

FILE NAME = soil_boring-II.dgn
PLOT DATE = 6/2/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

| | |
|--------------------------|-----------|
| DESIGNED - B.N.S./J.C.N. | REVISED - |
| DRAWN - F.M. | REVISED - |
| CHECKED - B.N.S./J.C.N. | REVISED - |
| DATE - JUNE 1, 2009 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS-II
C.H. 48 / ILLINOIS PRAIRIE PATH BRIDGE
OVER THE E.J. & E. RAILWAY S.N. 022-3119**

SCALE: SHEET NO. 58 OF 510 SHEETS STA. TO STA.

| COUNTY HIGHWAY | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 48 | 98-00313-00-BR | DUPAGE | 25 | 23 |
| CONTRACT NO. 63178 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |