| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 2578 | 532B-1 | DUPAGE | 117 | 66 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 62881

## Everest Engineering Company
## STRUCTURE BORING LOG

Page 2 of 2
Date 8/9/02

STRUCTURE NO. 022-0189
ROUTE FAU 2578
SECTION 532B
COUNTY Dupage

Boring No. B-3
Station 166+10
Offset 22.0ft RT.
Surface Elev. 689.81 ft

| Description | Elev. | DEPTH | BLOWS | Qu tsf | W % |
|---|---|---|---|---|---|
| Extremely Dense, Gray SANDY SILT little - gravel | 637.81 | | | | |
| | | -55 | 22 27 50/5" | | 6 |
| | | -60 | 13 34 50/5" | | 6 |
| END OF BORING (Auger Refusal) | 628.81 | -65 | | | |
| | | -70 | | | |
| | | -75 | | | |

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

## Everest Engineering Company
## STRUCTURE BORING LOG

Page 1 of 3
Date 8/8/02

ROUTE FAU 2578 DESCRIPTION IL ROUTE 53 OVER SPRING BROOK CREEK
SECT. 532B STRUCT. NO. 022-0189 DRILLED BY PATRICK DRILLING, INC.
COUNTY Dupage LOCATION NORTH-EAST CORNER OF BRIDGE S. 12 , TWP. 40N , RNG. 10E

Boring No. B-4
Station 166+92
Offset 18.0ft RT
Surface Elev. 689.83 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 679.8
at Completion
after Hrs.

| Description | Elev. | DEPTH | BLOWS | Qu tsf | W % |
|---|---|---|---|---|---|
| CRUSHED STONE | 689.63 | | | | |
| Loose, SAND AND GRAVEL | 689.08 | | | | |
| FILL Stiff, Brown and Black SILTY CLAY trace - sand and gravel | | | 2 2 3 | 1.0 B | 24 |
| | | | 1 2 4 | 1.3 B | 31 |
| FILL Loose, Gray SILTY LOAM trace - gravel | 685.33 | -5 | | | |
| Very Soft to Medium Stiff, Brown and Gray SILTY CLAY trace - sand and gravel | 683.83 | | 1 1 2 | 0.8 B | 27 |
| | | | 1 1 1 | 0.2 B | 32 |
| Very Loose, Gray SANDY LOAM trace - gravel | 680.33 | -10 | | | |
| Very Soft, Dark Gray ORGANIC CLAY trace - peat | 679.33 | | 0 0 1 | 0.2 B | 40 |
| | | | 0 1 0 | 0.2 B | 50 |
| | | -15 | | | |
| | | | 0 0 1 | <0.25 P | 41 |
| Very Soft to Medium Stiff, Gray SILTY CLAY little - organics trace - sand and gravel | 671.83 | | | | |
| | | | 1 0 1 | 0.2 B | 34 |
| | | -20 | | | |
| | | | 0 0 1 | 0.2 B | 41 |
| | | | 0 1 3 | 0.8 B | 20 |
| | | -25 | | | |

| Description | Elev. | DEPTH | BLOWS | Qu tsf | W % |
|---|---|---|---|---|---|
| Stiff to Very Stiff, Brown and Gray SILTY CLAY LOAM trace - sand and gravel | 664.33 | | | | |
| | | | 2 3 5 | 2.0 B | 19 |
| | | | 2 3 6 | 2.5 B | 22 |
| | | -30 | | | |
| | | | 3 4 7 | 1.8 B | 13 |
| | | -35 | | | |
| Gray below 36 feet | | | | | |
| | | | 3 4 6 | 2.0 B | 13 |
| | | -40 | | | |
| | | | 3 5 10 | 3.0 B | 16 |
| | | -45 | | | |
| | | | 6 8 11 | 3.5 B | 15 |
| | | -50 | | | |

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

## Everest Engineering Company
## STRUCTURE BORING LOG

Page 2 of 3
Date 8/8/02

STRUCTURE NO. 022-0189
ROUTE FAU 2578
SECTION 532B
COUNTY Dupage

Boring No. B-4
Station 166+92
Offset 18.0ft RT
Surface Elev. 689.83 ft

| Description | Elev. | DEPTH | BLOWS | Qu tsf | W % |
|---|---|---|---|---|---|
| Medium Dense, Gray SAND AND GRAVEL | 638.83 | | | | |
| | | -55 | 9 12 15 | | 9 |
| Very Stiff, Gray SILTY CLAY LOAM little - sand and gravel | 630.83 | -60 | 5 9 12 | 3.0 B | 20 |
| Dense, Gray SAND AND GRAVEL | 628.83 | | | | |
| | | -65 | 7 19 20 | | 8 |
| FOR ROCK CORES SEE PAGE 3 | 623.33 | | | | |
| | | -70 | | | |
| | | -75 | | | |

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SOIL BORING LOGS - III**

ILLINOIS ROUTE 53 OVER
SPRING BROOK CREEK
FAU 2578 SECTION 532B-1
STRUCTURE NO. 022-0189
DUPAGE COUNTY STATION 166+46.79

SCALE: NONE DRAWN BY: E. MROCZEK
DATE: 6/12/09 CHECKED BY: G. HATLESTAD

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