

ROUTE EAP Route 344 DESCRIPTION Illinois Route 83 over Mill Creek
SECT. 102Y-A-B STRUCT. NO. 016-2826 DRILLED BY TSC/L-56.59
COUNTY Cook LOCATION SE Corner of Bridge S. 22., TWP. 37N, R. 12E

| Boring No. | Station | Offset | Surface Elev. | D | E | L | W | Qu | W | H | S | W | % | Surface Water Elev. | D | E | L | W | Qu | W | H | S | W | % |
|--|---------|-------------|---------------|---|---|---|---|----|---|---|---|---|---|---------------------|---|---|---|---|----|---|---|---|---|---|
| 2 | 2843.5 | 19.00 FT LT | 525.50 | | | | | | | | | | | | | | | | | | | | | |
| 1" Asphalt Concrete | | | | | | | | | | | | | | | | | | | | | | | | |
| 5" Gravel Base Course | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown clayey SAND, little gravel, moist A-2-4 | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Large Gravel and Cobbles, trace clay, trace clay, damp A-1-a | | | | | | | | | | | | | | | | | | | | | | | | |
| Medium dense brown SAND, trace to little gravel, trace clay, moist to very moist A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible FILL | | | | | | | | | | | | | | | | | | | | | | | | |
| Medium dense brown SAND, trace to little gravel, trace clay, wet A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible FILL | | | | | | | | | | | | | | | | | | | | | | | | |
| Loose brown SAND, trace gravel, saturated A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Very dense SAND and GRAVEL, trace clay, very moist to moist A-1-a | | | | | | | | | | | | | | | | | | | | | | | | |
| Very dense gray Cobbles and Boulders, possible fractured rock, wet A-1-a | | | | | | | | | | | | | | | | | | | | | | | | |
| Probable weathered and fractured Dolomite Rock, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |
| Relatively Sound Rock, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |

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

ROUTE EAP Route 344 DESCRIPTION Illinois Route 83 over Mill Creek
SECT. 102Y-A-B STRUCT. NO. 016-2826 DRILLED BY TSC/L-56.59
COUNTY Cook LOCATION WN Corner of Bridge S. 22., TWP. 37N, R. 12E

| Boring No. | Station | Offset | Surface Elev. | D | E | L | W | Qu | W | H | S | W | % | Surface Water Elev. | D | E | L | W | Qu | W | H | S | W | % |
|--|---------|-------------|---------------|---|---|---|---|----|---|---|---|---|---|---------------------|---|---|---|---|----|---|---|---|---|---|
| 2 | 2843.5 | 16.00 FT ST | 525.50 | | | | | | | | | | | | | | | | | | | | | |
| 1" Asphalt Concrete | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - B and OK gr clayey SAND, trace gravel, moist A-1-A-2 | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown clayey SAND, trace gravel, moist A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown SAND and GRAVEL, trace clay, damp A-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Loose to medium dense brown silty SAND and GRAVEL, trace clay, moist to very moist A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible FILL | | | | | | | | | | | | | | | | | | | | | | | | |
| Loose brown clayey SAND, trace gravel, wet A-2-4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dense to very dense gray Gravel, Cobbles and Boulders, wet A-1-a | | | | | | | | | | | | | | | | | | | | | | | | |
| Weathered and Fractured Rock, surface, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |
| Light gray Dolomite, mottled dark gray, silty, thick bedded, dense | | | | | | | | | | | | | | | | | | | | | | | | |
| Fractured 25' to 22.5' | | | | | | | | | | | | | | | | | | | | | | | | |
| Core Run 15.5' to 26.5' | | | | | | | | | | | | | | | | | | | | | | | | |
| Recovery = 100% | | | | | | | | | | | | | | | | | | | | | | | | |
| ROD = 85% | | | | | | | | | | | | | | | | | | | | | | | | |

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ROUTE EAP Route 344 DESCRIPTION Illinois Route 83 over Mill Creek
SECT. 102Y-A-B STRUCT. NO. 016-2826 DRILLED BY TSC/L-56.59
COUNTY Cook LOCATION SE Corner of Bridge S. 22., TWP. 37N, R. 12E

| Boring No. | Station | Offset | Surface Elev. | D | E | L | W | Qu | W | H | S | W | % | Surface Water Elev. | D | E | L | W | Qu | W | H | S | W | % |
|--|---------|-------------|---------------|---|---|---|---|----|---|---|---|---|---|---------------------|---|---|---|---|----|---|---|---|---|---|
| 3 | 2843.5 | 21.00 FT LT | 525.50 | | | | | | | | | | | | | | | | | | | | | |
| 1" Asphalt Concrete | | | | | | | | | | | | | | | | | | | | | | | | |
| 5" Gravel Base Course | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown and dark gray clayey SAND and GRAVEL, moist A-1-A-2 | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown SAND, trace to little gravel, trace clay, moist A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Medium dense brown SAND and GRAVEL, trace clay, moist A-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible FILL | | | | | | | | | | | | | | | | | | | | | | | | |
| Loose brown clayey SAND, trace to little gravel, wet A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Very dense gray SAND and GRAVEL, trace clay, wet A-1-a | | | | | | | | | | | | | | | | | | | | | | | | |
| Weathered and Fractured Rock, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |
| Light gray Dolomite, mottled dark gray, thick bedded, some stylonitic, dense | | | | | | | | | | | | | | | | | | | | | | | | |
| Core Run 15.0' to 29.0' | | | | | | | | | | | | | | | | | | | | | | | | |
| Recovery = 90% | | | | | | | | | | | | | | | | | | | | | | | | |
| ROD = 70% | | | | | | | | | | | | | | | | | | | | | | | | |

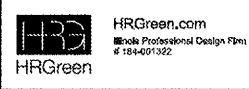
SPT, (N) = Sum of last two blow values in sample, (Q) B-Bulge S-Shear P-Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ROUTE EAP Route 344 DESCRIPTION Illinois Route 83 over Mill Creek
SECT. 102Y-A-B STRUCT. NO. 016-2826 DRILLED BY TSC/L-56.59
COUNTY Cook LOCATION NE Corner of Bridge S. 22., TWP. 37N, R. 12E

| Boring No. | Station | Offset | Surface Elev. | D | E | L | W | Qu | W | H | S | W | % | Surface Water Elev. | D | E | L | W | Qu | W | H | S | W | % |
|---|---------|-------------|---------------|---|---|---|---|----|---|---|---|---|---|---------------------|---|---|---|---|----|---|---|---|---|---|
| 4 | 2843.5 | 16.00 FT ST | 525.50 | | | | | | | | | | | | | | | | | | | | | |
| 1" Asphalt Concrete | | | | | | | | | | | | | | | | | | | | | | | | |
| 5" Gravel Base Course | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown SAND, trace to little gravel, trace clay, moist A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| FILL - Brown SAND and GRAVEL, damp A-1-a | | | | | | | | | | | | | | | | | | | | | | | | |
| Medium dense brown silty SAND, trace to little gravel, trace clay, moist A-1-b | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible FILL | | | | | | | | | | | | | | | | | | | | | | | | |
| Medium dense brown silty SAND and GRAVEL, trace clay, saturated A-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Loose brown silty SAND, some gravel, saturated A-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Very dense gray Boulders and Cobbles, possible weathered and fractured rock, fragments recovered, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |
| Probable Fractured Rock, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |
| Relatively Sound Rock, hard drilling | | | | | | | | | | | | | | | | | | | | | | | | |

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Stations, Depths, Offset, and Elevations are in Feet

HRGreen
Company Name
Client: HRGreen
Date Plotted: 3/1/03
File Name: 86100196.22-6237-03-103.dwg
Plot Driver: pldrvr
Pen Table: Struct 22x34.tbl



| | | |
|--------------|----------------|--------|
| USER NAME = | DESIGNED - JPC | REVISD |
| PLOT SCALE = | CHECKED - JPC | REVISD |
| PLOT DATE = | DRAWN - JPC | REVISD |
| | CHECKED - RCD | REVISD |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
STRUCTURE NO. 016-2826
SHEET NO. 8 OF 8 SHEETS

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|--------|---------------------------|-----------|
| 344 | 102Y-A-B | COOK | 31 | 19 |
| CONTRACT NO. 62339 | | | ILLINOIS FED. AID PROJECT | |