CONTRACT NO. 70546

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 74 | • | VERMILION | 105 | 22 |

• D5 CABLE GUARD 2007-1

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

# SOIL BORING LOG

Page 1 of 1

Date 7/17/06

ROUTE FAI Rt. 74 DESCRIPTION HTCG Cables East of Danville on FAI Rt. 74 LOGGED BY RRW

SECTION HTCG – Danville LOCATION , SEC. , TWP. 19N, RNG. 11W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 1 HTCG
Station 2002+25
Offset 7.0 ft RT of WB EOP
Ground Surface Elev. 565.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 559.7 ft
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| Brown Sandy Clay Loam Till | | | 3 | | |
| | | | 6 | | 11 |
| | | | 8 | | |
| | 562.7 | | | | |
| Brown Coarse Sand | | | 2 | | |
| | | | 1 | | |
| | | -5 | 3 | | |
| | 560.2 | | | | |
| Grey Sandy Clay Loam Till | | | 1 | | |
| | | | 2 | | |
| | | | 5 | | |
| | 557.2 | | | | |
| Grey Shale (Bedrock – Auger Refusal) | 556.7 | | 50–4" | | |
| End of Boring | | -10 | | | |
| | | -15 | | | |
| | | -20 | | | |

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8–99)

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

# SOIL BORING LOG

Page 1 of 1

Date 7/17/06

ROUTE FAI Rt. 74 DESCRIPTION HTCG Cables East of Danville on FAI Rt. 74 LOGGED BY RRW

SECTION HTCG – Danville LOCATION , SEC. , TWP. 19N, RNG. 11W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 2 HTCG
Station 2009+50
Offset 11.0 ft RT of WB EOP
Ground Surface Elev. 571.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 561.1 ft
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| Brown Sandy Clay Loam Till to Grey Sandy Clay Loam Till | | | 4 | | |
| | | | 22 | 8.0 | |
| | | | 26 | | |
| | 568.1 | | | | |
| Brown Sandy Clay Loam Till with Intermittent Layers of Brown Sand | | | 4 | | |
| | | | 10 | | 9 |
| | | -5 | 12 | | |
| | 566.1 | | | | |
| Grey Sandy Clay Loam Till | | | 2 | | |
| | | | 5 | 2.3 | 10 |
| | | | 10 | B | |
| | 562.6 | | | | |
| Brown Sandy Clay Loam Till | | | 4 | | |
| | | | 22 | 8.7 | |
| | | -10 | 30 | | |
| | 560.1 | | | | |
| Brown Fine Sand | | | 5 | | |
| | | | 10 | | |
| | | | 20 | | |
| | | | 4 | | |
| | | | 9 | | |
| | | -15 | 11 | | |
| | 556.1 | | | | |
| End of Boring | | | | | |
| | | -20 | | | |

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8–99)

PLOT DATE = 12/13/2006
FILE NAME = c:\projects\d506006 (v8)\oakwood\70546borlogs.dgn
PLOT SCALE = 12.7059 ' / IN.
USER NAME = creigre