## Illinois Department of Transportation

SOIL BORING LOG

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Division of Highways IDOT Date <u>3/2/11</u> HTCMB from the Vermilion River Bridge to TR FAI Rt. 74 (I-74) DESCRIPTION 1000E Overpass LOGGED BY HSIP FY2011-4 LOCATION NW, SEC. 8, TWP. 19N, RNG. 12W, 2nd PM GPS: COUNTY DRILLING METHOD STRUCT. NO. Surface Water Elev. E P T L С 1576+75 to 1577+25 Station Stream Bed Elev. S 0 BORING NO. S Qu Station 1576+98 First Encounter Offset 12.0 ft Lt. Upon Completion (ft) (/6") (tsf) (%) Ground Surface Elev. 644.3 After Black Silty Clay Brown Silty Clay Loam 1.0 E Brown Clay Loam Till 1.8 4 В Brown Mottled Silty Clay (Wet) Brown Mottled Silty Clay Loam Till (Wet - Soft) 24 0.4 3 В End of Boring

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)

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FAI Rt. 74 (I-74) DESCRIPTION ROUTE HSIP FY2011-4 \_\_ LOCATION NW, SEC. 9, TWP. 19N, RNG. 12W, 2nd PM GPS DRILLING METHOD HAMMER TYPE Surface Water Elev. STRUCT, NO. L 1635+00 to 1635+50 Stream Bed Elev. 0 S W Groundwater Elev.: S Qu First Encounter Station 1634+51 Offset 12.0 ft Rt. Upon Completion (/6") (%) Ground Surface Elev. (tsf) 571.2 After Gray Silty Clay to Clay with Shale Fragments (Embankmet) 3 3 S 10 S End of Boring

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)

USER NAME = \$USER\$ DESIGNED REVISED FILE NAME SECTION COUNTY STATE OF ILLINOIS \$FILEL\$ DRAWN REVISED **SOIL BORING LOGS** VERMILION 88 31 HSIP FY2011-4 CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 70910 SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA. PLOT DATE = \$DATE\$ DATE REVISED