

SOIL BORING LOG

Date 9/20/12

ROUTE IL 71 DESCRIPTION IL 71 over a Stream, 1.1 miles Southwest of IL 47 LOGGED BY Larry Myers

SECTION 2 LOCATION NE 1/4, SEC. 7, TWP. 36N, RNG. 7E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

| STRUCT. NO. Station | D E P T H | B L O W S | U C S Qu | M O S T | Surface Water Elev. Stream Bed Elev. | D E P T H | B L O W S | U C S Qu | M O S T | Groundwater Elev.: First Encounter Upon Completion After Hrs. | D E P T H | B L O W S | U C S Qu | M O S T |
|--|-----------------------|-----------------------|-------------------|------------------|---|-----------------------|-----------------------|-------------------|------------------|--|-----------------------|-----------------------|-------------------|------------------|
| | | | | | | | | | | | | | | |
| 047-2524 (Exst.) 1360+86 | | | | | | | | | | | | | | |
| 1 (N.E. Quad.) 1360+97 | | | | | | | | | | | | | | |
| 18.00ft Lt. 744.77 | | | | | | | | | | | | | | |
| Augered Shoulder Gravel, Brown & Black Silty Clay Loam Fill | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 742.27 | | | | | | | | | | | | | | |
| Very Stiff to Hard Brown & Gray Silty Clay Loam Till Fill with some Black Silty Clay Loam Fill | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 722.27 | | | | | | | | | | | | | | |
| Stiff Black Silty Clay Loam/Silty Loam with High Organics & Shells - Alluvial Backwater Deposits | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 719.77 | | | | | | | | | | | | | | |
| Stiff Gray Silty Clay, Silty Loam | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 717.77 | | | | | | | | | | | | | | |
| Hard to Very Stiff Black Silty Clay Loam & Gray Silty Clay Loam Till Fill | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 737.77 | | | | | | | | | | | | | | |
| Very Stiff Black Silty Clay Loam Topsoil | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 732.27 | | | | | | | | | | | | | | |
| Very Stiff to Stiff Blueish Gray Silty Clay | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 730.27 | | | | | | | | | | | | | | |
| Soft to Stiff Gray Silty Clay, Clay & Silt Layers | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 727.77 | | | | | | | | | | | | | | |
| wh - weight of hammer | | | | | | | | | | | | | | |

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, form 137 (Rev. 8-99)

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|---|-----------------------|-----------------------|-------------------|------------------|---|-----------------------|-----------------------|-------------------|------------------|--|-----------------------|-----------------------|-------------------|------------------|
| | | | | | | | | | | | | | | |
| 047-2524 (Exst.) 1360+86 | | | | | | | | | | | | | | |
| 2 (S.W. Quad.) 1360+68 | | | | | | | | | | | | | | |
| 18.00ft Rt. 744.35 | | | | | | | | | | | | | | |
| Augered Shoulder Stone, Brown Silty Clay Loam Fill | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 741.85 | | | | | | | | | | | | | | |
| Very Stiff to Hard Brown Silty Clay Loam Till Fill, Black Silty Clay Loam & Gray Silty Clay Loam Fill | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 719.35 | | | | | | | | | | | | | | |
| Hard Gray Silty Clay Loam Till | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 731.85 | | | | | | | | | | | | | | |
| Very Stiff Gray & Brown Silty Clay | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 729.85 | | | | | | | | | | | | | | |
| Very Stiff Blueish Gray Silty Clay | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 724.85 | | | | | | | | | | | | | | |
| End of Boring | | | | | | | | | | | | | | |

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

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