

SOIL BORING LOG

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Date <u>8/17/10</u>

OLD US 67 DESCRIPTION ROUTE Old US 67 Slope Failure 1± Mile E of Rushville LOGGED BY M. Tappan LOCATION NE 1/4, SEC. 29, TWP. 2 N, RNG. 1 W, 4 PM COUNTY Schuyler __ DRILLING METHOD HAMMER TYPE STRUCT. NO NA ft Surface Water Elev. Stream Bed Elev. <u>Na</u> ft S 0 S 0 W W BORING NO. Groundwater Elev.: S Qu S Qu 593+61 13.0ft RT Station ☑ First Encounter Offset ▼Upon Completion 617.8 ft /6" (tsf) (%) /6" (tsf) (%) ▼ After Ground Surface Elev. 618.8 Plugged ft Hrs. Very Dark Grey Moist SILTY CLAY (Till) (continued) Pavement Materials Drilled very easy to 3 ft 3.2 17 4 8 В 615.30 Reddish Brown Moist Weathered Clayey SHALE (Displaced) 3.0 3.1 Р В 3 2.0 23 3.5 7 S-12 5 В CLAY LOAM (Till) Greyish Brown Moist interbedded 3.8 26 with red brown moist weathered 46 7 В 1" Grey Limestone at 8.5 ft Dark Brown Moist with 1" Brown 4.2 Fine Sand Seam 20 В 33 Dark Grey Very Well Indurated Limestone (Displaced) to Brownish Grey Moist CL (Till) with Shale Clasts and 1" Brown Fine 4.1 23 15 B В Sand Seam Very Dark Grey Moist SILTY CLAY (Till) Rock in Sampler Olive Brown Moist CLAY (Till) with Thick Clayey Shale Clasts 3.1 Boring Completed 10 В 578.80

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H — Sampler Advanced By Weight of Hammer, W.O.P — Advanced by Weight of Pipe, B.S. — Before Seating
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)

	RTE. SECTION COUNTY SHEETS NO.
CHECKED - Jay D. Edwards ENGINEER OF BRIDGE DESIGN STATE OF ILLINOIS S.N. 085–7900	2582 (45)I-2 SCHUYLER 18 10
DEPARTIVIENT OF TRANSPORTATION	CONTRACT NO. 72E37
CHECKED - SVB ENGINEER OF BRIDGES AND STRUCTURES REVISED SHEET NO. 5 OF 5 SHEETS	S ILLINOIS FED. AID PROJECT