



SOIL BORING LOG

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Date 5/19/03

ROUTE FAI 72/FAU 8021 DESCRIPTION Ramp C over UPRR LOGGED BY M. Tappan

SECTION (84-9-4)HBK,BY,BY-1 LOCATION NE 1/4, SEC. 21, TWP. 15 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	DEPTH (ft)	BLOW COUNT	UNCONF. COMP. STRENGTH (UCS) (tsf)	FAILURE MODE	DEPTH (ft)	BLOW COUNT	UNCONF. COMP. STRENGTH (UCS) (tsf)	FAILURE MODE
084-0516	46+02								
Groundwater Elev.: First Encounter No Encounter ft Upon Completion 592.5 ft After 96 Hrs. 599.5 ft									
V. Dark Grey V. Moist SILTY CLAY Ref Classification RC-7-1									
Dark Grey Moist Clayey SHALE									
Tan and Light Grey Moist SILT Ref Classification RC-7-3									
Brown and Grey Moist SILTY CLAY LOAM Ref Classification RC-7-5									
Updated Station 9/15/04									
Brown and Grey Moist Weathered CLAY (TII) Ref Classification RC-7-6									
Light Blue Grey Moist SILTY CLAY LOAM (TII) Ref Classification RC-7-7									
Brown and Blue Grey Moist Shaley CLAY									

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 Pipe, 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)



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Date 4/1/03

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COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	DEPTH (ft)	BLOW COUNT	UNCONF. COMP. STRENGTH (UCS) (tsf)	FAILURE MODE	DEPTH (ft)	BLOW COUNT	UNCONF. COMP. STRENGTH (UCS) (tsf)	FAILURE MODE
084-0516	46+02								
Groundwater Elev.: First Encounter 587.6 ft Upon Completion 588.1 ft After Pinned ft									
Grey and Brown Moist SILTY CLAY (TII) Ref Classification RC-7-8 (continued)									
Brown and Grey Moist Weathered Clayey SHALE									
Brown and Grey Moist SILTY CLAY Ref Classification RC-7-1									
Tan and Light Grey Moist SILT Ref Classification RC-7-3									
Grey Dry Fine Clayey SHALE									
Updated Station 9/15/04									
Brown and Grey Moist SILTY CLAY LOAM Ref Classification RC-7-5									
Free Water									
Light Blue Grey Moist Weathered CLAY (TII) Ref Classification RC-7-6									

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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Date 4/1/03

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SECTION (84-9-4)HBK,BY,BY-1 LOCATION NE 1/4, SEC. 20, TWP. 15 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	DEPTH (ft)	BLOW COUNT	UNCONF. COMP. STRENGTH (UCS) (tsf)	FAILURE MODE	DEPTH (ft)	BLOW COUNT	UNCONF. COMP. STRENGTH (UCS) (tsf)	FAILURE MODE
084-0516	46+02								
Groundwater Elev.: First Encounter No Encounter ft Upon Completion 599.7 ft After 79 Hrs. 596.7 ft									
Tan and Light Grey Moist SILTY CLAY LOAM Ref Classification RC-7-3									
Brown and Grey Moist SILTY CLAY LOAM Ref Classification RC-7-5									
Updated Station 9/15/04									
Brown and Grey Moist Weathered CLAY (TII) Ref Classification RC-7-6									
Light Blue Grey									
Brown and Grey Moist Shaley CLAY									

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)

MMW 06/27/03
DAP 01/04/05
JMM 02/24/05

LAYOUT
DRAWN
REVIEWED

Corporate License Number 184-001-084

BORINGS
I-72/MACARTHUR BLVD. RAMP C OVER UPRR
SECTION (84-9-4)A,HBK,BY,BY-1
SANGAMON COUNTY
STATION 46+01.97
STRUCTURE NUMBER 084-0516

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JOB# 96S2002B

DATE 11/16/05