



SOIL BORING LOG

Page 1 of 1

Date 12/27/06

ROUTE FAI 72 DESCRIPTION Storm Sewer LOGGED BY M. Tappan
 SECTION (84-9)T LOCATION NW 14, SEC. 14, TWP. 15 N, RNG. 6 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	D E L C O				Surface Water Elev.	ft	D E L C O	ft	B U M	T W S	H S Qu T
	P O S I										
Station	NA				NA	ft	NA				ft
BORING NO.	SS-3				Groundwater Elev.:		H S Qu T				
Station	403+11				∇ First Encounter	590.8	ft				
Offset	100.0ft RT				∇ Upon Completion	599.8	ft				
Ground Surface Elev.	607.3				∇ After 20 Days Hrs.	604.8	ft				
Dark Grey Moist SILTY CLAY to Brown and Lt. Grey Moist SILT LOAM (TH) (continued)											
1 1											
2 0.6 29											
3 B											
604.30											
Tan and Lt. Grey Moist SILT											
1 1											
2 0.6 28											
3 B											
601.30											
Tan and Grey Moist SILTY CLAY											
2 2											
1 0.7 22											
3 B											
Very Moist											
1 1											
2 0.2 28											
3 B											
596.30											
Tan and Grey Moist Weathered CLAY (TH)											
1 1											
2 0.7 26											
3 B											
1 1											
2 0.7 25											
3 B											
591.80											
Brown and Grey Moist CLAY LOAM (TH)											
1 1											
4 2.3 14											
5 B											
Free Water											
1 1											
4 3.0 12											
7 B											
-20											

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)

File Name: S:\PROJECTS\0612\HSA\SANGAMON\WAMBER AND ITS DRAINAGE IMPROVEMENTS\REV Dwg Template\INTERMEDIATE.DWG Date Printed: 2/2/2009
 Location: Sangamon Station: 403+11 Job Number:



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Page 1 of 1

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ROUTE FAI 72 DESCRIPTION Storm Sewer LOGGED BY M. Tappan
 SECTION (84-9)T LOCATION NW 14, SEC. 14, TWP. 15 N, RNG. 6 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	D E L C O				Surface Water Elev.	ft	D E L C O	ft	B U M	T W S	H S Qu T
	P O S I										
Station	NA				NA	ft	NA				ft
BORING NO.	SS-4				Groundwater Elev.:		H S Qu T				
Station	407+40				∇ First Encounter	596.6	ft				
Offset	100.0ft RT				∇ Upon Completion	592.6	ft				
Ground Surface Elev.	608.6				∇ After 20 Days Hrs.	605.6	ft				
Brown and Grey moist SILTY CLAY											
1 1											
2 0.6 32											
3 B											
604.80											
Tan and Lt. Grey Moist SILT LOAM											
1 1											
2 0.4 28											
3 B											
602.60											
Brown and Grey Moist SILTY CLAY											
1 1											
2 0.4 25											
3 B											
0 0											
2 0.5 24											
3 B											
597.10											
Grey and Brown Moist Weathered CLAY (TH) with Shale Inclusions											
2 0.9 26											
4 B											
Free Water											
1 1											
3 1.3 21											
4 B											
592.60											
Grey and Brown Moist CLAY LOAM (TH)											
1 1											
3 1.8 14											
7 B											
1 1											
6 3.7 12											
Brown and Grey											
-20											

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
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 Location: Sangamon Station: 407+40 Job Number:

BORINGS
INTERSTATE 72 OVER
WATERWAY NO. 1
STA. 402+75.00
SANGAMON COUNTY

 Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	SHEET NO. 4		F.A.U. RTE. 8012	SECTION 21(I-3)	COUNTY SANGAMON	TOTAL SHEETS 147	SHEET NO. 68
	OF 4 SHEETS		CONTRACT NO. 72A02				
			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			