STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 11/19/08

ROUTE FAP 600 DESCRIPTION Retaining Wall South of Clinton Street (Sta. 121+44 to 122+25) LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, TWP. 3N, RNG. 6W, 3 PM

COUNTY Madison / St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. N/A
Station N/A

BORING NO. RW 8
Station 122+26
Offset 50.00ft LT
Ground Surface Elev. 473.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 461.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silt LOAM			
	6		
	5	2.50	19
469.5	4	P	
Brown Silty Clay LOAM	3		
-5	3	0.81	27
467.6	3	B/20	
Brown/Gray Silty CLAY	2		
	2	0.49	26
	3	S/20	
-10	2		
	4	0.98	28
462.0	5	S/20	
Mottled Silty Clay LOAM	4		
	6	1.04	29
Sand Lens	7	S/15	
459.5			
Gray SILT A-4(8) See Classification @ 20 ft	4		
-15	3	1.04	32
	5	S/15	
	2		
	3	0.55	33
	2	S/10	
-20	WH		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray SILT A-4(8) See Classification @ 20 ft (continued)	2	0.52	35
	2	S/15	
449.5			
Gray Silty Clay LOAM	4		
-25	4	1.63	26
	5	S/20	
	3		
442.5	4	1.43	25
END OF BORING	6	S/20	
-30			
-35			
-40			
-45			

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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SOIL BORING LOG

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Date 9/10/08

ROUTE FAP 600 DESCRIPTION Retaining Wall South of Clinton Street LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, TWP. 3N, RNG. 6W, 3 PM

COUNTY Madison / St. Clair DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. N/A
Station N/A

BORING NO. RW 3
Station 122+20
Offset 45.00ft LT
Ground Surface Elev. 472.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 465.7 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		1.25	15
Brown Silt LOAM With Rock		1.88	18
466.7		1.08	16
		1.42	22
Brown Silty Clay LOAM		1.13	25
-5		1.76	28
		1.25	29
		1.00	31
		1.38	28
462.7 -10		1.25	31
Gray Silty CLAY		1.00	30
460.7		0.75	31
Mottled Silty Clay LOAM 459.7		2.00	31
END OF HAND AUGER			
Pocket Penetrometer used for Qu			
-15			
-20			

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 T296)

BBS, from 137 (Rev. 8-99)

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ROUTE FAP 600 DESCRIPTION Retaining Wall South of Clinton Street LOGGED BY S. Wiszkon

SECTION 60-(30,31,128)-1 LOCATION SEC. 34, TWP. 3N, RNG. 6W, 3 PM

COUNTY Madison / St. Clair DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. N/A
Station N/A

BORING NO. RW 2
Station 121+50
Offset 40.00ft LT
Ground Surface Elev. 470.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 465.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		1.13	24
Brown Silty Clay LOAM A-4(8) See Classification @ 1 ft		1.00	26
		1.00	28
		1.00	26
		1.00	29
-5		0.75	34
		1.00	31
462.5		1.25	32
Brown/Gray Silty LOAM A-6(6) See Classification @ 8 ft 461.5		0.75	31
Gray/Brown Mottled SILT A-4(8) See Classification @ 12 ft		1.25	33
-10		0.75	32
457.5		1.00	32
END OF HAND AUGER		1.25	29
Pocket Penetrometer used for Qu			
-15			
-20			

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)

DESIGNED	KRG
CHECKED	MJK
DRAWN	GSJ
CHECKED	MJK

BORING LOGS

MID-AMERICA ENGINEERING SERVICES

SHEET NO. 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	600	60-(30,31,128)-1	Madison	399	272
		RETAINING WALL 2	CONTRACT NO. 76830		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		