F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	81B-1	MORGAN	114	42
STA.		TO STA.		
CONTRACT NO. 72528				

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation Dist-6

SOIL BORING LOG

Page 1 of 2

Date 7/25/00

ROUTE FAP 310 (US 67) DESCRIPTION US 67 over Henry Creek LOGGED BY M. Tappan

SECTION (6,81)RS-4;81B-1 LOCATION SW 1/4, SEC. 33, TWP. 14 N, RNG. 9 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. None Assigned
Station 1009+74 +/-

BORING NO. 1 SE WW
Station 1010+06
Offset 12.00ft Right
Ground Surface Elev. 660.61 ft

Surface Water Elev. 644.00 ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 636.6 ft
Upon Completion Plugged ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Grey and Brown Moist CLAY LOAM (Fill)			1		
			3	1.4	15
		-5	5	S-13	
			2		
			2	0.5	21
			3	B	
			1		
			3	1.6	19
		-10	5	B	
			1		
			3	1.4	20
			4	B	
V. Dark Grey Moist SILTY CLAY LOAM (Fill)	647.11		1		
			2	0.7	23
		-15	3	B	
Dark Grey Moist SILTY CLAY LOAM	644.61		0		
			1	0.4	26
			2	B	
			0		
V. Dark Grey			1	0.3	28
		-20	1	B	
Brown and Dark Grey V. Moist LOAM	640.11		0		
			0	0.2	24
			1	B	
Brown and Light Grey V. Moist SILTY CLAY LOAM	637.61		0		
			1	0.3	24
Free Water		-25	1	B	
			1		
Tan and Grey Moist			3	3.4	20
			6	S-12	
			1		
Grey Moist			4	3.0	20
		-30	6	S-12	
Olive Brown and Grey Moist CLAY (Till)	628.61		2		
			4	3.1	20
		-35	7	B	
			1		
			3	2.1	20
		-40	4	B	

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation Dist-6

SOIL BORING LOG

Page 2 of 2

Date 7/25/00

ROUTE FAP 310 (US 67) DESCRIPTION US 67 over Henry Creek LOGGED BY M. Tappan

SECTION (6,81)RS-4;81B-1 LOCATION SW 1/4, SEC. 33, TWP. 14 N, RNG. 9 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. None Assigned
Station 1009+74 +/-

BORING NO. 1 SE WW
Station 1010+06
Offset 12.00ft Right
Ground Surface Elev. 660.61 ft

Surface Water Elev. 644.00 ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 636.6 ft
Upon Completion Plugged ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Olive Brown and Gray Moist CLAY (Till) (continued)			2		
			7	5.0	15
		-45	13	B	
Olive Brown Moist CLAY LOAM (Till)	618.61				
Grey and Olive Brown			8	4.9	15
		-50	12	B	
			2		
			6	3.8	15
		-55	10	B	
			2		
			5	3.2	15
		-60	8	B	
Boring Completed to 35 Ton Bearing		-65			
		-70			
		-75			
		-80			

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation Dist-6

SOIL BORING LOG

Page 1 of 2

Date 7/24/00

ROUTE FAP 310 (US 67) DESCRIPTION US 67 over Henry Creek LOGGED BY M. Tappan

SECTION (6,81)RS-4;81B-1 LOCATION SW 1/4, SEC. 33, TWP. 14 N, RNG. 9 W, 3 PM

COUNTY 2 NW WW Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. None Assigned
Station 1009+74 +/-

BORING NO. ___
Station 1009+28
Offset 13.00ft Left
Ground Surface Elev. 661.03 ft

Surface Water Elev. 644.00 ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 642.0 ft
Upon Completion Plugged ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Grey and Brown Moist CLAY LOAM (Fill)			1		
			3	0.7	19
		-5	4	B	
			1		
			3	1.0	20
			4	S-12	
			1		
			2	1.1	21
		-10	3	B	
Grey and Brown Moist SILTY CLAY (Fill) w/ Thin CLAY Seams	650.53		1		
			2	1.2	24
			3	B	
Brown and Grey to Dark Grey Moist SILTY CLAY (Fill)			1		
			2	1.2	19
		-15	3	S-13	
Dark Grey Moist SILTY CLAY LOAM	644.53		0		
			1	0.4	28
			2	B	
Grey Medium Grained Dirty SANDY GRAVEL	642.53		0		
			0		
Free Water		-20	2		
Grey Medium Grained Dirty SANDY GRAVEL (continued)			0		
			2		
w/ 2" SAND LOAM Seam			2		
Grey and Brown Moist SILT LOAM	638.03		0		
			2	1.6	23
		-25	3	B	
Grey Moist SILTY CLAY LOAM	635.53		3		
			6	3.1	21
			8	B	
Grey Moist SILTY CLAY	633.03		1		
			3	1.6	24
		-30	6	B	
Olive Brown and Grey Moist CLAY (Till)	629.03		2		
			4	2.4	23
		-35	6	B	
Grey and Olive Brown			6	2.3	17
		-40	8	B	

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)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

FAP ROUTE 310 (US 67)
SECTION 81B-1
LOCATION 1
MORGAN COUNTY

DRAWN BY RDC
DATE AUG. 28 2000 CHECKED BY

DGN-SPEC
DATE-TIME $TIME$ *USER*

SOIL BORING LOG, HENRY CREEK, US 67 LOCATION 1