ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 8173	*	MORGAN	63	52
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET NO. 24 OF 27 SHEETS

* (69-HB)BR

CONTRACT NO. 72837

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 1 of 3

Date 5/26/05

ROUTE FAU 8173 DESCRIPTION Mound Road over IL 104 LOGGED BY M. Tappan

SECTION (69-HB)BR LOCATION SW 1/4, SEC. 24, TWP. 15 N, RNG. 10 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 069-0031 Ex 069-0521 Pr
Station 100+00

BORING NO. 2 W. Pier
Station 99+80
Offset 24.0ft Rt
Ground Surface Elev. 649.0 ft

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

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Dry ft
After ___ Hrs. Plugged ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Crushed Stone (Fill)				
647.50				
CLAY LOAM (Till)				
		1		
Greyish Brown Moist CLAY LOAM (Till)		6	4.1	16
	-5	7	B	
		3		
		8	5.0	15
		12	B	
		3		
Grey Moist CLAY LOAM (Till)		7	5.7	12
	-10	11	B	
		3		
		8	6.0	12
		10	B	
		3		
		7	6.2	12
	-15	11	B	
		2		
		8	6.9	11
		13	B	
		2		
Grey Moist CLAY LOAM (Till)		7	3.3	13
	-20	12	S-11	

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
CLAY LOAM (Till) (continued)				
		3		
Grey Moist CLAY LOAM (Till)		16	7.0	10
		24	S-10	
		7		
w/ Sandy Clay Loam Seams		21	8.0	11
Broken Sample	-25	27	E	
		2		
Grey Moist CLAY LOAM (Till)		14	4.5	11
	-30	16	B	
		1		
		5	4.5	15
	-35	9	B	
		2		
Grey Moist CLAY LOAM (Till)		7	4.5	14
	-40	10	B	

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:\SOILS\GINT FILES\MORGAN\069-0521 PR MOUND ROAD OVER IL 104.GPJ Data Template DATEMPLT.GDT Date Printed 8/16/06
Latitude 39 Deg 43.811 N Longitude 90 Deg 16.413 W Datum NAD83 Job Number 0506-554-03

Illinois Department of Transportation
Division of Highways
IDOT District 6

SOIL BORING LOG

Page 2 of 3

Date 5/26/05

ROUTE FAU 8173 DESCRIPTION Mound Road over IL 104 LOGGED BY M. Tappan

SECTION (69-HB)BR LOCATION SW 1/4, SEC. 24, TWP. 15 N, RNG. 10 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 069-0031 Ex 069-0521 Pr
Station 100+00

BORING NO. 2 W. Pier
Station 99+80
Offset 24.0ft Rt
Ground Surface Elev. 649.0 ft

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

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Dry ft
After ___ Hrs. Plugged ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
CLAY LOAM (Till) (continued)				
		1		
Grey Moist CLAY LOAM (Till)		6	4.3	14
	-45	9	B	
		2		
Olive Grey Moist CLAY LOAM (Till)		8	3.8	16
	-50	9	B	
		1		
Grey Moist CLAY LOAM (Till)		5	4.7	16
	-55	7	B	
		1		
		3	2.6	16
	-60	5	B	

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
CLAY LOAM (Till) (continued)				
	-65			
		2		
Grey Moist CLAY LOAM (Till)		4	4.1	20
	-70	8	B	
	-75			
		1		
Grey Moist CLAY LOAM (Till)		5	2.8	19
	-80	7	B	

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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Latitude 39 Deg 43.811 N Longitude 90 Deg 16.413 W Datum NAD83 Job Number 0506-554-03

DESIGNED	BAN
CHECKED	JOH
DRAWN	TAC
CHECKED	BAN

SOIL BORINGS LOGS
MOUND ROAD (FAU ROUTE 8173)
OVER ILLINOIS ROUTE 104
SECTION (69-HB)BR
MORGAN COUNTY
STATION 100+00.00
STRUCTURE NO. 069-0521

HU CHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS
Date: 101810

2280-2b124