



SOIL BORING LOG

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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. <u>069-0031 Ex</u>	D	B	U	M	Surface Water Elev. <u>N/A</u> ft	D	B	U	M
Station <u>100+00</u>	E	L	C	O	Stream Bed Elev. <u>N/A</u> ft	E	L	C	O
BORING NO. <u>2 W. Pier</u>	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station <u>99+80</u>	T	W	Qu	T	▽ First Encounter <u>No Encounter</u> ft	H	S	Qu	T
Offset <u>24.0ft Rt</u>	H	S			▽ Upon Completion <u>Dry</u> ft				
Ground Surface Elev. <u>649.0</u> ft	(ft)	/6"	(tsf)	(%)	▽ After <u> </u> Hrs. <u>Plugged</u> ft	(ft)	/6"	(tsf)	(%)

CLAY LOAM (Till) (continued)					Boring Completed				
564.00	-8				-105				
CLAY (Till)									
-90					-110				
Greyish Brown Moist CLAY (Till) w/ Slickensides	1	2	2.4	28					
-95					-115				
Light Blue Grey and Olive Brown Moist CLAY (Till) w/ Slickensides	1	3	2.7	26					
549.00	-100				-120				

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)

DESIGNED	BAN
CHECKED	JOH
DRAWN	TAC
CHECKED	BAN



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Date 1/26/07

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COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. <u>069-0031 Ex</u>	D	B	U	M	Surface Water Elev. <u>N/A</u> ft	D	B	U	M
Station <u>100+00</u>	E	L	C	O	Stream Bed Elev. <u>N/A</u> ft	E	L	C	O
BORING NO. <u>3A E. Pier</u>	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station <u>100+27</u>	T	W	Qu	T	▽ First Encounter <u>644.2</u> ft	H	S	Qu	T
Offset <u>6.0ft Rt</u>	H	S			▽ Upon Completion <u>Plugged</u> ft				
Ground Surface Elev. <u>650.7</u> ft	(ft)	/6"	(tsf)	(%)	▽ After <u> </u> Hrs. <u> </u> ft	(ft)	/6"	(tsf)	(%)

Brown Moist SILTY CLAY LOAM Disturbed Sample					Boring Completed				
0	1	0.5	22		-25				
647.20					-25				
Grey and Brown Moist V. Weatehred SILTY CLAY (Till) Disturbed Sample	2	3	1.0	19					
644.70					-30				
Light Blue Grey Fine Grained V. Dirty SAND Free Water	1	2	2						
-10					-30				
Brown Medium Grained Dirty SAND	1	2							
638.70					-35				
Grey	0	1	3.5	14					
Brown and Grey Moist CLAY LOAM (Till)	4	P							
-15					-40				
Grey	8	6.4	14						
630.70					-40				

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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