

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	368
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

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Date 4/18/05

ROUTE FAP 310 DESCRIPTION US 67 Soil Survey LOGGED BY M. Tappan

SECTION 69-3 LOCATION SEC. TWP. RNG. PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	STATION	D	B	U	M	Surface Water Elev.	D	B	U	M
		E	L	C	O		E	L	C	O
		P	O	S	I		P	O	S	I
		T	W	Q	S		T	W	Q	S
		H	S	u	T		H	S	u	T
N/A	969+05					617.0 ft				
44	969+05					617.0 ft				
	12.0ft RI									
	623.3 ft	(ft)	/6"	(1st)	(%)		(ft)	/6"	(1st)	(%)
Brownish Gray Moist SILTY CLAY Ref Classification 47-1						602.30				
							1			
							4	3.9	11	
							9	B		
Tan and Lt Gray V. Moist SILT Ref Classification 42-2										
		0								
		0	0.1		31					
		0	B							
Moist, w/ Silt Loam Seams										
		1	0.6		27					
		2	B							
Brown and Gray Moist SILTY CLAY Ref Classification 42-1										
		1	0.6		27					
		2	B							
Free Water										
		1	0.6		25					
		2	B							
		1	0.7		25					
		2	B							
		1	0.8		27					
		2	B							
Gray and Brown Moist CLAY (Till)										
		0								
		2	1.0		25					
		3	B							

File Name: S:\SOILS\GINT FILES\MORGAN\US 67 PROPOSED\096-003-04 CHAMP-BEHEL SURVEY\DATA Template DRETEMPLOT Date Printed 3/17/11
Latitude 39 Deg 46.858 N Longitude 90 Deg 25.388 W Datum NAD83 Job Number

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 Sealing
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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Page 1 of 1

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COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	STATION	D	B	U	M	Surface Water Elev.	D	B	U	M
		E	L	C	O		E	L	C	O
		P	O	S	I		P	O	S	I
		T	W	Q	S		T	W	Q	S
		H	S	u	T		H	S	u	T
N/A	969+05					617.0 ft				
45	969+00					617.0 ft				
	88.0ft RI									
	617.4 ft	(ft)	/6"	(1st)	(%)		(ft)	/6"	(1st)	(%)
Tan and Lt Gray Moist SILT Ref Classification 42-2										
		0								
		1	0.4		26					
		2	B							
w/ Silt Loam Seams										
		1	0.4		29					
		1	B							
		0								
		1	0.9		26					
		2	B							
Brown and Gray Moist SILTY CLAY Ref Classification 42-1										
		1	0.9		26					
		2	B							
Gray and Brown Moist CLAY (Till) Free Water										
		1								
		2	1.0		24					
		3	B							
		0								
		2	1.4		22					
		3	B							
		1	0.6		22					
		2	B							
		9	4.2		10					
		14	S-12							
Gray and Brown Moist CLAY LOAM (Till)										
		0								
		1	0.6		22					
		2	B							
		2								
		9	4.2		10					
		14	S-12							

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CULVERT BORINGS
FAP 310 (US 67/IL 104)
SHEET 6 OF 9

DATE 3/11
DRAWN BY EBB
CHECKED BY