

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	353
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

9:40:35 AM

Mar-30-2011 09:40:35AM



SOIL BORING LOG

Page 1 of 1

Date 3/31/05

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. <u>N/A</u>	D	B	U	M	Surface Water Elev. <u>550.1 ft</u>
Station <u>1092+77</u>	E	L	C	O	Stream Bed Elev. <u>549.7 ft</u>
	P	O	S	I	
BORING NO. <u>85</u>	T	W	Qu	S	Groundwater Elev.:
Station <u>1094+00</u>	H	S		T	<u>First Encounter</u> <u>546.8 ft</u>
Offset <u>130.0ft Lt</u>					<u>Upon Completion</u> <u>545.8 ft</u>
Ground Surface Elev. <u>560.3 ft</u>	(ft)	/6"	(1st)	(%)	<u>After 5 Days Hrs.</u> <u>550.3 ft</u>

Dark Grey to Grey Moist SILTY CLAY LOAM CLASSIFICATION 85-1					
	0				
	1	0.5	25		
	2	B			
555.30					
Brown and Grey Moist SILTY CLAY LOAM CLASSIFICATION 85-2					
	0				
	1	0.5	24		
	2	B			
552.30					
Brown and Grey V. Moist Shaley SILTY CLAY LOAM (Residuum) CLASSIFICATION 85-3					
	1				
	2	0.3	28		
	1	B			
549.30					
Tan and Light Blue Grey Dry Micaceous Weathered Clayey SHALE					
	14		14		
	14				
Grey Dry Fissile Clayey SHALE interbedded w/ calcareous shale seams Free Water					
	100		10		
	/3"				
	25				
	100		7		
	/3"				
540.80					
Boring Completed					

File Name: S:\SOILS\DRY FILES\MORGAN\US 67 PROPOSED\DR-00-04 CHURN-BETHEL SURVEY\DATA Template\DRBML1.DAT Date Printed 3/17/11
Latitude 39 Deg 47.728 N Longitude 90 Deg 27.838 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)

FILE \$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT BORINGS
STATION 1092+06.00
FAP 310 (US 67/IL 104)
 DRAWN BY **EBB**
 CHECKED BY
 DATE **3/11**