

Mar-30-2011 09:41:05AM

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	363
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



## SOIL BORING LOG

Page 1 of 1  
Date 4/20/05

ROUTE FAP 310 DESCRIPTION Culvert over Unnamed Ditch LOGGED BY M. Tappan  
SECTION 69-3 LOCATION SEC. , TWP. , RNG. , PM  
COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
						(ft)	/6"	(1st)	(%)						
N/A	866+07	10	866+20	88.0ft Lt	603.5					601.9	601.0		594.5	592.0	600.0
Dk Gray to Brown and Gray Moist SILTY CLAY Ref Classification 8-1															
						0									
						1	0.6		30						
						2	B								
						600.50									
Tan and Lt Gray Moist SILT Ref Classification 8-2															
						0									
						2	1.1		24						
						3	B								
						0									
w/ Silt Loam Seams															
						1	0.5		27						
						1	B								
						0									
						594.50									
Brown and Gray Moist CLAY LOAM (Till) Ref Classification 15-1 Free Water															
						1	0.6		24						
						2	B								
						0									
						2	0.9		25						
						2	B								
						0									
Olive Brown and Lt Blue Gray CLAY LOAM (Till)															
						2	1.3		23						
						3	B								
						1									
						2	1.0		19						
						4	B								
						585.50									
Gray Moist CLAY LOAM (Till) Ref Classification 15-1															
						2									
						6	3.7		9						
						9	S-10								
						583.50									

File Name: S:\SOVS\GINT FILES\MORGAN\US 67 PROPOSED\098-003-04 CHAMP-BETHEL SURVEY\DATA Template DTD\EMPLCOT Date Printed 3/7/11  
Latitude 39 Deg 46.21' N Longitude 90 Deg 23.31' 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)



## SOIL BORING LOG

Page 1 of 1  
Date 4/20/05

ROUTE FAP 310 DESCRIPTION Culvert over Unnamed Ditch LOGGED BY M. Tappan  
SECTION 69-3 LOCATION SEC. , TWP. , RNG. , PM  
COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
						(ft)	/6"	(1st)	(%)						
N/A	866+07	11	865+80	0.0ft cL	603.3					601.9	601.0		591.8	594.3	598.3
V. Dk Gray Moist SILTY CLAY Ref Classification 8-1															
						0									
						1	0.6		34						
						2	B								
						0									
						1	0.8		30						
						2	B								
						0									
						1	0.7		30						
						2	B								
						0									
						591.80									
Lt Brown and Dk Gray V. Moist SILTY CLAY															
						1	0.4		31						
						1	B								
						0									
						0									
						591.80									
Brown and Gray Moist CLAY LOAM (Till) Ref Classification 15-1 Free Water															
						0									
						0	0.4		25						
						1	B								
						0									
						0	0.3		26						
						1	B								
						1									
						2	3.6		12						
						5	S-11								
						585.80									
						-29									

File Name: S:\SOVS\GINT FILES\MORGAN\US 67 PROPOSED\098-003-04 CHAMP-BETHEL SURVEY\DATA Template DTD\EMPLCOT Date Printed 3/7/11  
Latitude 39 Deg 46.25' N Longitude 90 Deg 23.31' 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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CULVERT BORINGS**  
FAP 310 (US 67/IL 104)  
SHEET 1 OF 9

DATE 3/11  
DRAWN BY EBB  
CHECKED BY \_\_\_\_\_