


F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109B-3	LOGAN	73	51
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



**Illinois Department of Transportation**  
Division of Highways  
District 6

**SOIL BORING LOG**

Page 2 of 2

Date 3/13/08


ROUTE FAP 717 (IL 10) DESCRIPTION IL 10 over Deer Creek LOGGED BY M. Tappen

SECTION 109 B-3 LOCATION SE 1/4, SEC. 26, TWP. 20N, RNG. 2W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 054-0514 Station 307+24	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. 578.3 ft
BORING NO. 2 Pier Station 307+40 Offset 29.0 ft Ground Surface Elev. 599.0 ft					Stream Bed Elev. 577.0 ft
Gray Moist CLAY LOAM Till (continued)					Groundwater Elev. 577.8 ft
Washed					First Encounter Washed ft
Gray Moist Clay Loam Till Washed					Upon Completion Washed ft
Washed					After 24 Hrs. 578.8 ft
Boring Completed					

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)



**Illinois Department of Transportation**  
Division of Highways  
District 6

**SOIL BORING LOG**

Page 1 of 2

Date 3/11/08


ROUTE FAP 717 (IL 10) DESCRIPTION IL 10 over Deer Creek LOGGED BY M. Tappen

SECTION 109 B-3 LOCATION SE 1/4, SEC. 26, TWP. 20N, RNG. 2W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 054-0514 Station 307+24	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. 579.3 ft
BORING NO. 3 E. Abut Station 308+PM Offset 13.0 ft Ground Surface Elev. 592.5 ft					Stream Bed Elev. 577.0 ft
V. Dk Gray Moist SILTY CLAY (7/11)					Groundwater Elev. 578.5 ft
Gray Med SANDY GRAVEL (continued)					First Encounter Washed ft
Gray Fine to Med Gravel Washed					Upon Completion Washed ft
Gray Med SANDY GRAVEL Washed					After Hrs. Plugged ft
Washed					
Gray Wet SAND LOAM					
Washed					
Dr Gray Moist SILTY CLAY LOAM w/ Med Sand Seams					
Washed					
Gray Med SANDY GRAVEL Free Water					
Washed					
Gray Moist CLAY LOAM Till (Drilled Hard)					
Washed					

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)



**Illinois Department of Transportation**  
Division of Highways  
District 6

**SOIL BORING LOG**

Page 2 of 2

Date 3/11/08

ROUTE FAP 717 (IL 10) DESCRIPTION IL 10 over Deer Creek LOGGED BY M. Tappen

SECTION 109 B-3 LOCATION SE 1/4, SEC. 26, TWP. 20N, RNG. 2W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 054-0514 Station 307+24	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. 578.3 ft
BORING NO. 3 E. Abut Station 308+04 Offset 13.0 ft Ground Surface Elev. 592.5 ft					Stream Bed Elev. 577.0 ft
Gray Moist CLAY LOAM Till (Drilled Hard) (continued)					Groundwater Elev. 578.5 ft
Washed					First Encounter Washed ft
Washed					Upon Completion Washed ft
Washed					After Hrs. Plugged ft
Boring Completed					

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)

**SOIL BORINGS 2**  
**IL ROUTE 10 OVER DEER CREEK**  
**F.A.P. ROUTE 717 SECTION 109(B-3)**  
**LOGAN COUNTY STATION 306+89**  
**STRUCTURE NO. 054-0514**

USER NAME:	DESIGNED - RTM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORINGS 2 OF 2</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	DRAWN - MSD	REVISED -			717	109B-3	LOGAN	73	62		
PLOT SCALE:	CHECKED - KEB	REVISED -			CONTRACT NO. 72A88						
PLOT DATE:	DATE -	REVISED -			SCALE:		SHEET NO. 27 OF 27 SHEETS		STA. TO STA.		FED. ROAD DIST. NO.
					SODEMANN AND ASSOCIATES, INC.		ILLINOIS		FED. AID PROJECT		