CONTRACT NO. 66722

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
796	(105)I-1	FORD	25	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

Page 1 of 1

SOIL BORING LOG

Date 9/20/06

ROUTE FAP 796 (IL 115) DESCRIPTION IL 115 over Drainage Ditch LOGGED BY Larry Myers

SECTION (105)I-1 LOCATION SW 1/4, SEC. 28, TWP. 28N, RNG. 09E

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-2504
Station 1499+52

BORING NO. #2: NW Quad
Station 1499+87
Offset 13.00ft Rt
Ground Surface Elev. 657.63 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, white, shoulder stone, black, Silty Clay- fill				Very stiff, gray, Silty Clay (continued)	2		
					2	2.1	28.2
					4	B	
655.13				635.13			
Stiff, black, Silty Clay fill with Gravel pieces	2			Very stiff, gray, Silty Clay Loam Till with pockets of Silt and Silty Clay @ 23'	2		
	2	1.5	16.8		3	2.7	16.5
	2	P			7	B	
653.13				-25			
Medium, brown gray, Silty Clay- loess -5	1				3		
	1	0.8	36.1		5	2.7	13.8
	2	P			6	B	
650.13							
Very stiff, brown, Silty Clay Loam Till with minor layers of Sand	1				3		
	1	2.7	18.8		4	2.7	15.2
	5	B			6	B	
648.13							
Hard, brown, Silty Clay Loam Till -10	4			-30	3		
	6	5.4	16.2		4	2.3	17.5
	7	S			6	B	
645.63							
Hard, gray, Silty Clay Till	5						
	7	8.2	15.8				
	11	S					
642.63 -15				-35	3		
Hard, gray, Silt with some Clay (Clayee Silt)	6	4.0	23.0		5	3.1	20.0
	9	P			7	B	
640.63				621.13			
Very stiff, gray, Silty Clay	4			End of Boring			
	5	3.3	22.3				
	6	B					
-20				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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 #3, Ottawa

Page 1 of 1

SOIL BORING LOG

Date 9/20/06

ROUTE FAP 796 (IL 115) DESCRIPTION IL 115 over Drainage Ditch LOGGED BY Larry Myers

SECTION (105)I-1 LOCATION SW 1/4, SEC. 28, TWP. 28N, RNG. 09E

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-2504
Station 1499+52

BORING NO. #1: SE Quad
Station 1499+31
Offset 12.00ft Lt
Ground Surface Elev. 656.68 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, white, shoulder stone and black, Silty Clay- fill				Stiff, gray, Silty Clay Till (continued)	2		
					3	1.6	23.6
					5	B	
654.18				634.18			
Stiff, black to gray to brown, Silty Clay- loess, fill	2			Very stiff, brown, Clay Loam with layers of Silt and Loam and Sand	3		
	3	1.5	33.3		3	3.5	20.2
	4	P			5	P	
652.18				-25			
Stiff, gray brown, Silty Clay with minor fine Sand seams -5	2				1		
	2	1.5	29.1		2	3.5	15.8
	3	P			5	P	
649.18				629.68			
Very stiff, brown, Silty Clay Loam Till	1			Very stiff, gray, Silty Clay Loam Till	3		
	2	2.5	17.6		4	2.5	14.6
	3	P			6	B	
647.18							
Hard, brown, Silty Clay Loam Till -10	4			-30	4		
	6	5.8	17.3		5	2.7	15.8
	8	S			7	B	
644.68							
Hard, gray, Silty Clay Loam Till	4						
	6	7.4	14.2				
	10	S					
-15	5			-35	3		
	7	8.7	16.0		5	2.3	22.1
	11	S			7	B	
				620.18			
	4			End of Boring			
	5	4.7	18.8				
	8	S					
637.18							
Stiff, gray, Silty Clay Till -20				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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)

Oct 22, 2007 - 08:05:02 AM
c:\projects\ep03206\bor logs.dgn