

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	*	**	72	49

\* 113(RS-5, BR) & 114RS-2  
 \*\* CHAMPAIGN & VERMILION  
 CONTRACT NO. 90864



Illinois Department of Transportation  
 Division of Highways  
 DOT - Dist 5

SOIL BORING LOG

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Date 3/1/05

ROUTE FAP Rt. 709 (US 136) DESCRIPTION Box Culvert 1.0 Mile East of Gifford LOGGED BY CNA

SECTION (44-15D)BR LOCATION SE. SEC. 36, TWP. 22N, RING. 10E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-8390  
 Station 484+77  
 BORING NO. 1 West Boring  
 Station 484+78  
 Offset 15.0 ft L.S.  
 Ground Surface Elev. 750.5 ft

D	B	U	M
2	1.9	20	
3	B		
H	S	Qtz	T

Surface Water Elev. 766.1 ft  
 Stream Bed Elev. 746.1 ft  
 Groundwater Elev.:  
 First Encounter \_\_\_\_\_ ft  
 Upon Completion \_\_\_\_\_ ft  
 After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

Black Clay to Clay Loam	760.5				
		1			
		2	1.9	20	
		3	B		
Grey/Brown Mottled Clay Loam	744.5				
		1			
		2	0.8	33	
		3	B		
Green/Brown Mottled Silty Clay Loam	748.5				
		1			
		2	2.1	18	
		3	B		
Grey Silty Clay Loam Till	739.5				
		1			
		2	2.5	13	
		3	S		
Grey Clay Loam Till (Silt Seam)	737.0				
		1			
		2	4.9	12	
		3	B		
Grey Loam Till	734.5				
		1			
		2	3.7	12	
		3	S		
Grey Silty Clay Loam Till	732.5				
		1			
		2	5.8	12	
		3	B		
		4			
		5			
		6			
		7			
		8			
		9			
		10			

End of Boring  
 An assumed Centerline elevation of 100.00 and station of 10+00 is used when this information is not available.  
 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)

EBS, from 137 (Rev. 8-99)



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Date 3/1/05

ROUTE FAP Rt. 709 (US 136) DESCRIPTION Box Culvert 1.0 Mile East of Gifford LOGGED BY CNA

SECTION (44-15D)BR LOCATION SE. SEC. 36, TWP. 22N, RING. 10E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-8390  
 Station 484+77  
 BORING NO. 2 East Boring  
 Station 484+80  
 Offset 14.0 ft R.L.  
 Ground Surface Elev. 750.5 ft

D	B	U	M
2	1.3	32	
4	S		
H	S	Qtz	T

Surface Water Elev. 766.1 ft  
 Stream Bed Elev. 746.1 ft  
 Groundwater Elev.:  
 First Encounter \_\_\_\_\_ ft  
 Upon Completion \_\_\_\_\_ ft  
 After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

Black Clay to Clay Loam	760.5				
		2			
		2	1.3	32	
		4	S		
Grey/Brown to Black Mottled Clay Loam	746.5				
		1			
		2	0.9	31	
		3	B		
Green/Brown Mottled Silty Clay Loam	748.5				
		1			
		2	0.8	31	
		3	B		
Grey Silty Clay Loam Till	739.5				
		10			
		8			
		11			
Grey Clay Loam Till (Drive Sample on Rock - Could Not Test Sample)	737.0				
		4			
		5			
		7			
		8			
		5	2.9	13	
		7	B		
		8			
		9			
		10			

End of Boring  
 An assumed Centerline elevation of 100.00 and station of 10+00 is used when this information is not available.  
 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)

EBS, from 137 (Rev. 8-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE:  
 DATE 4/4/2005

DRAWN BY CNA  
 CHECKED BY