



Illinois Department
of Transportation
Division of Highways
IDOT - Region 5/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 4/15/10

ROUTE FAP 741 (IL 105) DESCRIPTION Box Culvert 3 Miles South of Cerro Gordo on IL 105 LOGGED BY CNA

SECTION (8,9,10)CR LOCATION SW, SEC. 11, TWP. 16N, RNG. 4E, 3rd PM GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

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 S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
074-8315 (Prop.)	271+22	1 NE Boring	271+24	26.0 ft Rt.	719.3 ft	(ft)	(6")	(tsf)	(%)	725.4 ft	714.1 ft			Plugged ft	
Black Silty Clay	719.3														
Black/Gray Silty Clay Loam (Fill)	718.3														
							2								
							2	1.2	27						
							3	B							
	714.3						3								
Brown/Gray Mottled Silty Clay Loam	718.3														
Brown Sandy Clay Loam Till							3								
							2	0.2	24						
							1	B							
							1								
							1	0.8	19						
	709.3						3	B							
Gray Clay Loam Till															
(No Sample Obtained)							3								
							7								
							10								
							5								
							8	5.2	9						
							9	B							
							-15								
							6								
							8	4.7	11						
							10	B							
	699.3						-20								

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)

BBS, from 137 (Rev. 8-99)



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Page 1 of 1

Date 4/15/10

ROUTE FAP 741 (IL 105) DESCRIPTION Box Culvert 3 Miles South of Cerro Gordo on IL 105 LOGGED BY CNA

SECTION (8,9,10)CR LOCATION SE, SEC. 10, TWP. 16N, RNG. 4E, 3rd PM GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

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 S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
074-8315 (Prop.)	271+22	2 NW Boring	271+24	32.0 ft Lt.	719.7 ft	(ft)	(6")	(tsf)	(%)	725.4 ft	714.1 ft			Plugged ft	
Black Silty Clay Loam	718.7														
Black/Gray Silty Clay Loam (Fill)															
							2								
							2	1.2	29						
							3	B							
	714.7						3								
Brown Wet Sand Loam with Small Gravel							1								
							1	0.1							
	712.7						2	E							
Brown Mottled Silty Clay Loam to Clay Loam (Weathered Till)							1								
							1	0.4	26						
	710.7						2	B							
Gray Clay Loam Till							1								
							4	2.1	12						
							6	B							
							2								
							4	1.9	14						
							7	B							
	704.7						-15								
End of Boring															

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)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS S.N. 074-8315 (CULVERT #4)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\d\dot\hennessdm\d0184799\0570800-sht-blog.dgn		DRAWN -	REVISED -		741	(8,9,10)CR	Piatt	65	35			
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 70800				
PLOT DATE = 10/20/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							