

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 2

Date 6/25/09

ROUTE FA-698 (IL 89) DESCRIPTION IL 89 over Pike Creek, 0.5 Miles South of US 34 Junction. LOGGED BY LM

SECTION 101-BR LOCATION NE 1/4, SEC. 25, TWP. 18N, RNG. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (/6")	U (tsf)	M (%)	Description	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
													ft	ft	ft	ft	ft	ft
006-0104 (Exist.) 29+60	2 (N. Abut.) 28+74	13.00ft Rt.	769.10					Augered Bit, Shoulder, Sand & Gravel Fill, Brown & Black Silty Clay Fill					755.40	752.90	750.1	750.1	750.1	
								Loose Gray Fine to Coarse Sand with minor Fine Gravel with free water (continued)	1									
									3			19.1						
									3									
			746.60					Stiff to Very Stiff Gray Silty Clay, Silty Clay	2									
									3	1.5		23.9						
									3									
			784.10					Stiff Black, Brown Silty Clay/Silty Clay Loam Fill	2									
									1	1.5		31.4						
									2									
									2									
									1									
									1	1.0		26.7						
									2									
									1									
									1	1.3		24.2						
									2									
			757.10					Stiff to Very Stiff Brown & Gray Silty Clay Loam Till	1									
									2	1.8		14.9						
									2									
									3									
									4	3.0		13.9						
									5									
									5									
									4									
									5	3.2		13.0						
			750.10					Hard Reddish Brown Silty Clay Loam Till	6									
									4									
									5									
									6									
									7									
									8									
									10	4.1		11.9						
									14									
									14									

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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													ft	ft	ft	ft	ft	ft
006-0104 (Exist.) 29+60	2 (N. Abut.) 28+74	13.00ft Rt.	769.10					Hard Reddish Brown Silty Clay Loam Till (continued)	9				755.40	752.90	750.1	750.1	750.1	
									11	4.3		12.7						
									13									
									8									
									11	5.6		10.7						
									15									
									9									
									11	5.8		10.6						
									18									
									11									
									16	8.2		10.7						
									23									
									11									
									18	8.2		11.0						
									24									
									11									
									16	8.2		11.1						
									21									
									697.60									
								End of Boring										
									10									
									13	7.8		11.2						
									20									
									10									
									14	7.8		10.9						
									21									

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DESIGNED SDH
CHECKED JML
DRAWN DJM
CHECKED MSW

DATE 10/08/10

SOIL BORING LOGS
STRUCTURE NO. 006-0181

F.A.P. RTE. 698	SECTION (101 BR)BR	COUNTY BUREAU	TOTAL SHEETS	SHEET NO.
			47	37
SHEET NO. B23		CONTRACT NO. 66910		
23 SHEETS		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

Farnsworth GROUP, INC.
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