



Illinois Department
of Transportation
Division of Highways
Kaskaskia Engineering Group

SOIL BORING LOG

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Date 8/25/09

ROUTE FAP 698 DESCRIPTION Structure Replacement LOGGED BY KEG

SECTION (2)BR-1 & BR-2 LOCATION Granville Twp; Approx 1.2 miles N of IL 71; NE 1/4

COUNTY Pulnam DRILLING METHOD CME 550 w/HSA HAMMER TYPE Automatic

STRUCT. NO. 078-0028 (existing)
Station _____
BORING NO. BN-3
Station 196+05
Offset 35.0 ft Lt
Ground Surface Elev. 624.20 ft

DEPTH (ft)	DIAMETER (in)	FAILURE MODE	UNSATURATED SPT (blows)	SOIL DESCRIPTION	ELEVATION (ft)	DIAMETER (in)	FAILURE MODE	UNSATURATED SPT (blows)
0				FILL: Dark brown and brown, clay loam (A-7)	603.7			
2								
1	0.5	41		CLAY LOAM: Brown, trace fine gravel (A-7)	9			
2	P				16	7.6	10	
2					25	B		
1					9			
2	0.7	25		SANDY CLAY LOAM: Gray and grayish brown, trace coarse gravel (A-6)	599.7	12	4.5	11
2	B				20	B		
3					15			
4	2.6	17		CLAY LOAM: Brown, trace fine gravel (A-7)	596.2	25	4.5	12
7	B				19	P		
4				Becomes grayish brown				
7	4.6	16		GRAVEL: Coarse and fine	100/77			11
10	B							
4					593.2			
7	3.5	16		SANDY CLAY LOAM: Grayish brown, trace fine gravel (A-6)				
10	B							
2				CLAY: Grayish brown, trace fine gravel (A-7)	590.1	100/77		9
4	1.8	18						
6	B			End of Boring				
2								
4				SAND: Grayish brown, fine to medium, trace fine gravel (A-3)				
9								
3				SAND: Grayish brown, fine to coarse, trace fine gravel (A-1)				
9								
11								

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, form 137 (Rev. 8-99)

FILE: J:\UD\00206 IL BR Atforks Creek Ph2\cpc-S\0782009-0782009-68571-007-Borings.dgn

SAVE DATE: 12/29/2011

FILE NAME = ...0782009-68571-007-Borings.dgn	USER NAME = DCD	DESIGNED - KEG	REVISED -
Johanson, Depp & Ouisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE =	CHECKED - P. Ray	REVISED -
	PLOT DATE = 12/09/2011 14:20:40	CHECKED - DCD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
STRUCTURE NO. 078-2009
SHEET NO. 8 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	(2) BR-1 & BR-2	PUTNAM	71	39
STA. 196+22			CONTRACT NO. 68571	
[ILLINOIS] FED. AID PROJECT				