



Illinois Department of Transportation
Division of Highways
Geotechnical Corporation

SOIL BORING LOG

Page 1 of 2

Date 4/9/07

ROUTE Fabvan Parkway DESCRIPTION Bridge over Mill Creek LOGGED BY R. Groff

SECTION 01-00268-00-BR LOCATION SEC. 18, TWP. , RNG. , 3rd PM

COUNTY KANE DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140 lb. Auto

STRUCT. NO.	DEPT H	BLOW S	UCS Qu	MOIST (%)	Surface Water Elev.	DEPT H	BLOW S	UCS Qu	MOIST (%)
Station					ft				
BORING NO. <u>B-1</u>					ft				
Station <u>16' N of N.Abut</u>					82.7				
Offset <u>21.00ft W. CL Rdwy</u>					86.7				
Ground Surface Elev. <u>101.7</u> ft									
Stiff Brown SANDY CLAY, little gravel - FILL	2				80.70	2			
	3	2.0	16.0			3	1.7	19.8	
	4					4			
	4	2.0	25.7			3	1.7	21.1	
	4	P			76.70	7	B		
	4				75.70				
	5	2.6	17.4			3			
	5	P				6	2.2	28.0	
						6	B		
Stiff Black SILTY CLAY - FILL	3				73.20	5			
	3	1.6	19.6			7			
	5	P				8			
	4								
	5	3.0	19.0						
	6	P							
	3					5			
	4	2.3	15.9		67.20	6	4.5	8.9	
	4	B				9	P		
	4								
Stiff Gray SILTY CLAY, trace sand & gravel	11	2.5	14.8		84.70				
	6	B							
	3				82.70	2			
Loose Gray Fine-Coarse SAND, little gravel - wet	3					2	1.5	12.0	
	5					3	P		

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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Station					ft				
BORING NO. <u>B-1</u>					ft				
Station <u>16' N of N.Abut</u>					82.7				
Offset <u>21.00ft W. CL Rdwy</u>					86.7				
Ground Surface Elev. <u>101.7</u> ft									
Hard to Stiff Gray Sandy SILTY CLAY, trace gravel (continued)									
					59.20				
Very Dense Gray SILT, moist									
						23			
					57.20	39	6.9	10.7	
Very Hard Gray to Brown Sandy SILTY CLAY, trace gravel						31	S		
						8			
						11	5.7	11.7	
						12	B		
						9			
						12	4.9	15.2	
						14	B		
End of Boring					46.70				

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)

BORING 1

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-05-0050-1 DATE: 08/29/07
DESIGNED: R.J.P. CHECKED: S.W.M. DRAWN: D.A.B.

BORING 1
SECTION 01-00268-00-BR
F.A.S. 2111 / FABYAN PARKWAY
KANE COUNTY
STATION 18+97 / STRUCTURE NO. 045-3019