ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SH N
F.A.S. 2111	01-00268 -00-BR	KANE	70	4
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 8397		

Illinois Department of Transportation
Division of Highways
Groff Testing Corporation

SOIL BORING LOG

Page 1 of 2

Date 4/9/07

ROUTE Fabyan 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. _____
Station _____

BORING NO. B-2
Station 16' S. of S.Abut
Offset 21.00ft E. CL Rdwy
Ground Surface Elev. 98.4 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 73.9 ft ▼
Upon Completion 83.4 ft ▽
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff Brown Sandy SILTY CLAY - FILL	2		
	2	1.5	17.4
	3	P	
	2		
	3	1.7	18.2
-5	3	P	
	2		
	2	1.4	18.7
	4	P	
	2		
	2	1.2	19.8
-10	2	P	
	2		
	3	1.6	19.2
	4	P	
	1		
	3	2.0	20.2
▽ -15	5	P	
	4		
81.40	6	1.8	18.7
Very Stiff Gray SILTY CLAY, trace sand & gravel	6	P	
	3		
	4	2.5	15.0
-20	5	P	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray SILTY CLAY, trace sand & gravel *(continued)*	3		
	5	2.5	13.9
	7	B	
	5		
73.90 ▼	7	2.0	15.6
-25	12	P	
Medium Dense Gray Fine-Coarse SAND & Fine GRAVEL - wet			
72.40			
	6		
Very Stiff to Hard Gray SILTY CLAY, trace sand & gravel	8	3.1	14.9
	10	B	
	5		
	8	2.7	17.8
-30	10	B	
	8		
	10	4.8	13.5
-35	34	B	
62.40			
Hard Gray to Brown/Gray Sandy SILTY CLAY, trace gravel	9		
	11	4.5+	9.9
-40	10	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)

Illinois Department of Transportation
Division of Highways
Groff Testing Corporation

SOIL BORING LOG

Page 2 of 2

Date 4/9/07

ROUTE Fabyan 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. _____
Station _____

BORING NO. B-2
Station 16' S. of S.Abut
Offset 21.00ft E. CL Rdwy
Ground Surface Elev. 98.4 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 73.9 ft ▼
Upon Completion 83.4 ft ▽
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Gray to Brown/Gray Sandy SILTY CLAY, trace gravel *(continued)*			
	7		
	10	4.9	10.2
-45	9	B	
	6		
	9	5.5	9.8
-50	11	B	
	7		
	9	5.8	9.9
43.40 -55	12	B	
End of Boring			
-60			

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 2

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
HLR
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 2
SECTION 01-00268-00-BR
F.A.S. 2111 / FABYAN PARKWAY
KANE COUNTY
STATION 18+97 / STRUCTURE NO. 045-3019