Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 8/30/71

ROUTE FAP 805 (FA 117) DESCRIPTION IL 161 over Sugar Creek LOGGED BY J. King

SECTION 126BR-1 LOCATION SW 1/4, SEC. 11, TWP. 1N, RNG. 5W, 3 PM

COUNTY Clinton DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 014-0007 (E)
Station 1119+05

BORING NO. 2 Pier 3
Station 1119+33
Offset 18.00ft Left
Ground Surface Elev. 417.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 401.4 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Tan SILT					
			7	1.47 S	16
	412.6				
Tan and Gray Silty CLAY		-5			
			9	0.88 S	22
			10	1.79 B	24
	407.6				
Tan and Gray CLAY		-10			
			11	1.96 B	24
			7	1.11 B	27
	402.6				
Tan and Gray Clay TILL		-15			
		▼	5	0.52 B	28
			8	1.04 S	26
	397.6				
Gray Silty Clay TILL		-20			
Gray Silty Clay TILL (continued)					
			4	1.04 B	27
			6	1.18 S	23
	392.6				
Gray Sandy Silty Clay TILL		-25			
			7	0.78 S	24
	390.1				
Gray Silty Clay TILL					
			5	1.30 B	26
	387.6				
Gray Sandy Silt TILL		-30			
			7	0.40 S	24
			4	0.51 S	25
	382.6				
Gray Sand and Gravel TILL		-35			
			15	NC	—
	380.1				
Gray Silty Clay TILL					
			31	4.26 S	12
		-40			

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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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Silty Clay TILL (continued)					
			32	4.40 B	12
			35	3.26 S	11
		-45			
			31	3.30 S	11
	370.1				
Gray Silt TILL					
			63	2.32 S	13
	367.6	-50			
Gray Clay TILL					
			26	4.24 B	17
			27	4.85 S	18
	362.6	-55			
Gray and Green Clay TILL					
			44	2.71 S	18
			—	2.83 S	19
		-60			
Gray and Green Clay TILL (continued)					
			—	4.58 S	19
	355.9				
END OF BORING					
		-65			
		-70			
		-75			
		-80			

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)

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

SOIL BORING LOGS

SHEET NO. 30	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34 SHEETS	805	126-BR-1	CLINTON	85	61
	S.N. 014-0078		CONTRACT NO. 76976		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

0140078_76976_30_BGRG.DGN NOV. 25, 2008

H.M. & G. NO. 6020.131