

0440078-76976-34_BORG.DGN NOV. 25. 2008

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 9/9/71

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

SECTION 126BR-1 LOCATION SW 14, 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. 6 E. Abut
Station 1120+38
Offset 21.00ft Right
Ground Surface Elev. 427.8 ft

D	B	U	M	Surface Water Elev.	ft	D	B	U	M
E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
P	O	S	I	Groundwater Elev.:		P	O	S	I
T	W	S	S	First Encounter	409.5 ft	T	W	S	S
H	S	Qu	T	Upon Completion	ft	H	S	Qu	T
(ft)	(6")	(tsf)	(%)	After	Hrs.	(ft)	(6")	(tsf)	(%)
				Tan and Gray CLAY (continued)		8	1.50	25	
					406.3				
	+15	1.04	21	Tan and Gray Clay TILL		6	0.98	26	
		S					B		
	-5	1.10	22			4	0.69	27	
		S					B		
	421.3				401.3				
		10	1.32	Tan and Gray Sandy Silty TILL		6	1.73	25	
		S					S		
	-10	1.39	25			2	0.55	35	
		S					B		
	416.3								
		9	1.10	Gray Clayey SILT		8	0.85	23	
		S					B		
	413.8				393.8				
		12	1.96	Gray Silty CLAY		6	0.73	29	
		S					S		
	411.3				391.3				
		8	1.30	Tan and Gray CLAY		1	NC		
		B							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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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T	W	S	S	First Encounter	409.5 ft	T	W	S	S
H	S	Qu	T	Upon Completion	ft	H	S	Qu	T
(ft)	(6")	(tsf)	(%)	After	Hrs.	(ft)	(6")	(tsf)	(%)
				Gray Fine to Medium SAND (continued)		28	NC		
					367.0				
				Gray Clay TILL		12	0.81	24	
							B		
						12	0.98	21	
							S		
				Gray Medium SAND		27	NC		
				Gray Clay TILL		36	4.26	12	
							S		
						71	3.46	12	
							S		
						51	2.71	14	
							S		
						26	2.61	17	
							B		

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

SOIL BORING LOGS

SHEET NO. 34 34 SHEETS	F.A.P. RTE. 805	SECTION 126-BR-1	COUNTY CLINTON	TOTAL SHEETS 85	SHEET NO. 65
	S.N. 014-0078			CONTRACT NO. 76976	
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

H.M. & G. NO. 6020-131