

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 7/16/71

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. <u>014-0007 (E)</u>	D	B	U	M	Surface Water Elev. _____ ft	D	B	U	M
Station <u>1119+05</u>	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
BORING NO. <u>1 W. Abut</u>	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station <u>1117+71</u>	T	W	S	T	First Encounter _____ ft	T	W	S	T
Offset <u>12.00ft Left</u>	H	S	Qu	T	Upon Completion _____ ft	H	S	Qu	T
Ground Surface Elev. <u>428.2</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(6")	(tsf)	(%)

Brown Clayey SILT (Fill)					Tan and Gray TILL (continued)				
						27	0.85	19	
							B		
					----- 406.2				
						13	1.30	14	
							B		
					----- 423.7				
						19	3.26	14	
							B		
					----- 401.2				
						14	1.96	14	
							B		
					----- 418.0				
						12	1.79	13	
							B		
					----- 396.2				
						13	1.17	14	
							B		
					----- 413.7				
						16	1.43	14	
							B		
					----- 35				
						14	1.43	14	
							B		
					----- 409.0				

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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STRUCT. NO. <u>014-0007 (E)</u>	D	B	U	M	Surface Water Elev. _____ ft	D	B	U	M
Station <u>1119+05</u>	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
BORING NO. <u>1 W. Abut</u>	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station <u>1117+71</u>	T	W	S	T	First Encounter _____ ft	T	W	S	T
Offset <u>12.00ft Left</u>	H	S	Qu	T	Upon Completion _____ ft	H	S	Qu	T
Ground Surface Elev. <u>428.2</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(6")	(tsf)	(%)

Gray Clay TILL (continued)					Gray Sandy Silty Clay TILL (continued)				
						31	3.66	12	
							S		
					----- 367.0				
						20	1.63	16	
							B		
					----- 45				
						15	1.50	15	
							B		
					----- 40				
						24	2.77	11	
							S		
					----- 30				
						26	3.48	11	
							S		
					----- 25				
						30	3.48	10	
							S		
					----- 20				
						31	3.66	11	
							S		
					----- 15				
						20	2.71	13	
							S		
					----- 10				

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BBS, from 137 (Rev. 8-99)

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

SHEET NO. 29	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	805	126-BR-1	CLINTON	85	60
34 SHEETS	S.N. 014-0078		CONTRACT NO. 76976		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					