

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 9/7/1

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. Station	D E P T H	B L O W S	U C S Qu	M O I S T U R E	Surface Water Elev.		D E P T H	B L O W S	U C S Qu	M O I S T U R E
					ft	ft				
014-0007 (E) 1119+05										
4 Pier 2 1118+68										
21.00ft Right										
419.3 ft	(ft)	(6")	(tsf)	(%)						

Soil Description	D E P T H	B L O W S	U C S Qu	M O I S T U R E	Soil Description	D E P T H	B L O W S	U C S Qu	M O I S T U R E
Brown SILT					Green and Gray Clay TILL (continued)		8	1.37 B	24
							5	0.98 B	23
							7	0.65 B	22
Tan SILT					Yellow and Gray Clay TILL		14	2.61 B	16
							13	1.43 B	13
					Gray Clay TILL		21	2.08 S	12
							20	3.81 S	11
							4	0.55 B	27
							4	0.98 B	28

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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Gray Clay TILL (continued)					Gray Silty Clay TILL (continued)		20	3.75 B	12
							25	2.83 S	11
							24	4.22 S	12
							25	2.20 S	10
							62	0.77 S	13
							41	1.55 S	14
							46	1.83 S	15
							24	2.08 S	15

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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.

SOIL BORING LOGS

SHEET NO. 32	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	805	126-BR-1	CLINTON	85	63
34 SHEETS		S.N. 014-0078		CONTRACT NO. 76976	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					