

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2
Date 2/15/58

ROUTE FAU 9251 DESCRIPTION IL 159177 over Loop Creek, 1 mile west of IL 158 Junction (constructed as SBI 15, Section 28BR) LOGGED BY Clarence Neal

SECTION 28-4BR LOCATION Center, SEC. 28, TWP. 1N, RNG. 7W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 082-0058 (E) Station 355+18

BORING NO. 1 Station 355+64 Offset 9.00ft Left Ground Surface Elev. 446.1 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	BLOWS	UNIFIED CLASSIFICATION	WATER ELEV. (ft)	PERCENT MOISTURE (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)
0	Mottled Stony Silty CLAY			2	CL		0.65		
2				2	CL		0.98		
5				5	CL		1.56		
6				6	CL		1.96		
8	Blue Silty CLAY			3	CL	412.60	2.38		
7				7	CL		2.96		
14	Gray Silty CLAY			4	CL		3.60		

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 T208)
BBS, form 137 (Rev. 8-99)

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27	Gray Clay TILL			27	CL		3.26		
23				23	CL		3.05		
38				38	CL		4.49		
43				43	CL		6.39		
End of Boring									

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COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 082-0058 (E) Station 356+18

BORING NO. 2 Station 356+55 Offset 4.00ft Right Ground Surface Elev. 446.1 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	BLOWS	UNIFIED CLASSIFICATION	WATER ELEV. (ft)	PERCENT MOISTURE (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)
2	Brown Silty CLAY			2	CL	426.50	0.82		
3				3	CL		0.94		
3	Brown Sandy Silty CLAY			3	CL	420.50	1.16		
6	Blue Silty CLAY			6	CL	418.50	1.08		
5	Brown Stony CLAY			5	CL	413.00	1.06		
8	Gray Clay TILL			4	CL	431.00	2.66		
16	Gray Silty CLAY			4	CL		3.46		
13				3	CL		3.72		

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COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 082-0058 (E) Station 356+18

BORING NO. 2 Station 356+55 Offset 4.00ft Right Ground Surface Elev. 446.1 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	BLOWS	UNIFIED CLASSIFICATION	WATER ELEV. (ft)	PERCENT MOISTURE (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)
28	Gray Clay TILL (continued)			28	CL		4.41		
36				36	CL		4.74		
43				43	CL		5.14		
52				52	CL		5.64		
End of Boring									

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BORING DETAILS
F.A.S. ROUTE 1848 - SECTION 28-4BR
ST. CLAIR COUNTY
STATION 356+18.50
STRUCTURE NO. 082-0272