

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-IHBR-1	HENRY	133	79
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #64602

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

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ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-IHBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-1
Station 50+00
Offset 26.00ft Rt
Ground Surface Elev. 605.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)
0.3	Very Soft light brown, black Clay Loam	P 22	None	None	B 0.2	52	
4.6	Stiff black, rusty brown Clay Loam w/Sand lenses	S 1.4, P 22			B 6, T 1.3	47	
5.8	Stiff gray, rusty brown, black Clay Loam	S 1.2, B 43					
7.4	Soft light brown, black Clay Loam w/Sand lenses	S 0.3, B 39					
8.6	Medium fine Sand						
9.8	Medium fine Sand						
11.0	Medium fine Sand						
12.2	Stiff rusty brown Sand w/Clay Loam lenses	S 1.0, P 39			B 8, T 9	17	
13.4	Medium light gray, gray Clay Loam	S 0.7, B 39			B 8, T 18	17	

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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DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)
26.0	Very Dense clean medium coarse Sand						
28.0	Very Dense fine Sand & dirty Gravel						
100.0	Shale with clean Sand & Gravel lenses						

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COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-2
Station 50+59
Offset 22.00ft Rt
Ground Surface Elev. 607.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)
1.5	Bituminous Surface						
1.8	Stiff black Silty Loam				B 3, T 0.8	47	
8.9	Stiff dark brown black Clay Loam w/Sand lenses	S 1.3, P 24			B 3, T 4	54	
4.2	Soft rusty brown, light brown Clay Loam	S 0.5, B 35					
2.2	Medium rusty brown, light brown Clay Loam w/Sand lenses	S 0.8, B 46					
4.6	Medium fine Sand						
5.5	Medium fine Sand						
6.4	Medium fine Sand						
7.3	Medium fine Sand						
8.2	Medium fine Sand						
9.1	Medium fine Sand						
10.0	Medium fine Sand						
10.9	Medium fine Sand						
11.8	Medium fine Sand						
12.7	Medium fine Sand						
13.6	Medium fine Sand						
14.5	Medium fine Sand						
15.4	Medium fine Sand						
16.3	Medium fine Sand						
17.2	Medium fine Sand						
18.1	Medium fine Sand						
19.0	Medium fine Sand						
19.9	Medium fine Sand						
20.8	Medium fine Sand						
21.7	Medium fine Sand						
22.6	Medium fine Sand						
23.5	Medium fine Sand						
24.4	Medium fine Sand						
25.3	Medium fine Sand						
26.2	Medium fine Sand						
27.1	Medium fine Sand						
28.0	Medium fine Sand						
28.9	Medium fine Sand						
29.8	Medium fine Sand						
30.7	Medium fine Sand						
31.6	Medium fine Sand						
32.5	Medium fine Sand						
33.4	Medium fine Sand						
34.3	Medium fine Sand						
35.2	Medium fine Sand						
36.1	Medium fine Sand						
37.0	Medium fine Sand						
37.9	Medium fine Sand						
38.8	Medium fine Sand						
39.7	Medium fine Sand						
40.6	Medium fine Sand						
41.5	Medium fine Sand						
42.4	Medium fine Sand						
43.3	Medium fine Sand						
44.2	Medium fine Sand						
45.1	Medium fine Sand						
46.0	Medium fine Sand						
46.9	Medium fine Sand						
47.8	Medium fine Sand						
48.7	Medium fine Sand						
49.6	Medium fine Sand						
50.5	Medium fine Sand						
51.4	Medium fine Sand						
52.3	Medium fine Sand						
53.2	Medium fine Sand						
54.1	Medium fine Sand						
55.0	Medium fine Sand						
55.9	Medium fine Sand						
56.8	Medium fine Sand						
57.7	Medium fine Sand						
58.6	Medium fine Sand						
59.5	Medium fine Sand						
60.4	Medium fine Sand						
61.3	Medium fine Sand						
62.2	Medium fine Sand						
63.1	Medium fine Sand						
64.0	Medium fine Sand						
64.9	Medium fine Sand						
65.8	Medium fine Sand						
66.7	Medium fine Sand						
67.6	Medium fine Sand						
68.5	Medium fine Sand						
69.4	Medium fine Sand						
70.3	Medium fine Sand						
71.2	Medium fine Sand						
72.1	Medium fine Sand						
73.0	Medium fine Sand						
73.9	Medium fine Sand						
74.8	Medium fine Sand						
75.7	Medium fine Sand						
76.6	Medium fine Sand						
77.5	Medium fine Sand						
78.4	Medium fine Sand						
79.3	Medium fine Sand						
80.2	Medium fine Sand						
81.1	Medium fine Sand						
82.0	Medium fine Sand						
82.9	Medium fine Sand						
83.8	Medium fine Sand						
84.7	Medium fine Sand						
85.6	Medium fine Sand						
86.5	Medium fine Sand						
87.4	Medium fine Sand						
88.3	Medium fine Sand						
89.2	Medium fine Sand						
90.1	Medium fine Sand						
91.0	Medium fine Sand						
91.9	Medium fine Sand						
92.8	Medium fine Sand						
93.7	Medium fine Sand						
94.6	Medium fine Sand						
95.5	Medium fine Sand						
96.4	Medium fine Sand						
97.3	Medium fine Sand						
98.2	Medium fine Sand						
99.1	Medium fine Sand						
100.0	Medium fine Sand						

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STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-2
Station 50+59
Offset 22.00ft Rt
Ground Surface Elev. 607.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)	TESTS	WATER ELEV. (ft)	GROUNDWATER ELEV. (ft)
100.0	Hard fine Sand & Gravel						
563.79	End of Boring						

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SOIL BORING DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171