

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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SOIL BORING LOG

Date 8/25/09

ROUTE FAS 739 DESCRIPTION Eldred-Hillview Road over Stream, 4.5 miles North of IL 108 LOGGED BY JH & CL

SECTION 1BR, 1-2BR LOCATION SE 1/4, SEC. 33, TWP. 10N, RNG. 13W, 3 PM

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 031-0010 (E) / 031-0039 (P)
Station 237+00

BORING NO. North Abutment
Station 236+65
Offset 45.00ft Left
Ground Surface Elev. 438.0 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS	REMARKS
0	Surface Water Elev. _____ ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev.: _____ ft			
0	First Encounter _____ ft			
0	Upon Completion _____ ft			
0	After _____ Hrs. _____			
3	Light Brown Silty LOAM (continued) A-4(3) See Classification @ 20 ft 416.5		0.23	23
4	Brown Coarse to Fine SAND See Gradation @ 22.5 ft		4	15
5			3	NC
6			8	NS
7			14	29
8			29	NS
9			5	
10			13	21
11			15	21
12			5	
13			13	21
14			15	21
15			5	
16			13	21
17			15	21
18			5	
19			13	21
20			15	21
21			5	
22			13	21
23			15	21
24			5	
25			13	21
26			15	21
27			5	
28			13	21
29			15	21
30			5	
31			13	21
32			15	21
33			5	
34			13	21
35			15	21
36			5	
37			13	21
38			15	21
39			5	
40			13	21
41			15	21
42			5	
43			13	21
44			15	21
45			5	
46			13	21
47			15	21
48			5	
49			13	21
50			15	21
51			5	
52			13	21
53			15	21
54			5	
55			13	21
56			15	21
57			5	
58			13	21
59			15	21
60			5	
61			13	21
62			15	21
63			5	
64			13	21
65			15	21
66			5	
67			13	21
68			15	21
69			5	
70			13	21
71			15	21
72			5	
73			13	21
74			15	21
75			5	
76			13	21
77			15	21
78			5	
79			13	21
80			15	21
81			5	
82			13	21
83			15	21
84			5	
85			13	21
86			15	21
87			5	
88			13	21
89			15	21
90			5	
91			13	21
92			15	21
93			5	
94			13	21
95			15	21
96			5	
97			13	21
98			15	21
99			5	
100			13	21
101			15	21
102			5	
103			13	21
104			15	21
105			5	
106			13	21
107			15	21
108			5	
109			13	21
110			15	21
111			5	
112			13	21
113			15	21
114			5	
115			13	21
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117			5	
118			13	21
119			15	21
120			5	
121			13	21
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123			5	
124			13	21
125			15	21
126			5	
127			13	21
128			15	21
129			5	
130			13	21
131			15	21
132			5	
133			13	21
134			15	21
135			5	
136			13	21
137			15	21
138			5	
139			13	21
140			15	21
141			5	
142			13	21
143			15	21
144			5	
145			13	21
146			15	21
147			5	
148			13	21
149			15	21
150			5	
151			13	21
152			15	21
153			5	
154			13	21
155			15	21
156			5	
157			13	21
158			15	21
159			5	
160			13	21
161			15	21
162			5	
163			13	21
164			15	21
165			5	
166			13	21
167			15	21
168			5	
169			13	21
170			15	21
171			5	
172			13	21
173			15	21
174			5	
175			13	21
176			15	21
177			5	
178			13	21
179			15	21
180			5	
181			13	21
182			15	21
183			5	
184			13	21
185			15	21
186			5	
187			13	21
188			15	21
189			5	
190			13	21
191			15	21
192			5	
193			13	21
194			15	21
195			5	
196			13	21
197			15	21
198			5	
199			13	21
200			15	21

Dark Brown Silty Clay LOAM A-6(9) See Classification @ 5 ft

Light Brown and Gray Mottled Silty Clay LOAM A-6(12) See Classification @ 15 ft

Light Brown Silty LOAM

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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0	Stream Bed Elev. _____ ft			
0	Groundwater Elev.: _____ ft			
0	First Encounter _____ ft			
0	Upon Completion _____ ft			
0	After _____ Hrs. _____			
1	Brown Coarse to Fine SAND See Gradation @ 22.5 ft (continued)		1	18
2			9	NC
3			14	29
4			29	NS
5			5	
6			13	21
7			15	21
8			5	
9			13	21
10			15	21
11			5	
12			13	21
13			15	21
14			5	
15			13	21
16			15	21
17			5	
18			13	21
19			15	21
20			5	
21			13	21
22			15	21
23			5	
24			13	21
25			15	21
26			5	
27			13	21
28			15	21
29			5	
30			13	21
31			15	21
32			5	
33			13	21
34			15	21
35			5	
36			13	21
37			15	21
38			5	
39			13	21
40			15	21
41			5	
42			13	21
43			15	21
44			5	
45			13	21
46			15	21
47			5	
48			13	21
49			15	21
50			5	
51			13	21
52			15	21
53			5	
54			13	21
55			15	21
56			5	
57			13	21
58			15	21
59			5	
60			13	21
61			15	21
62			5	
63			13	21
64			15	21
65			5	
66			13	21
67			15	21
68			5	