

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District Four Materials

SOIL BORING LOG

Page 1 of 2
Date 9/25/01

ROUTE FAP 669 DESCRIPTION IL 29 over Lick Creek LOGGED BY DPS

SECTION 11BR-1 LOCATION SE1/4, SW1/4, SE1/4 PEKIN TWP, SEC. 14, TWP. 26N, RING. 5W, 3 PM

COUNTY TAZEWELL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 090-0049
Station 301+92

BORING NO. 4
Station 301+17
Offset 31.00R Rt of CL
Ground Surface Elev. 458.55 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	UNCONSOLIDATED SOIL TESTS	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	UNSATURATED SWELLING (%)	UNSATURATED SHRINKAGE (%)	UNSATURATED SHRINKAGE LIMIT (%)	UNSATURATED SHRINKAGE INDEX (%)	UNSATURATED SHRINKAGE RATIO (%)	UNSATURATED SHRINKAGE RATIO INDEX (%)	UNSATURATED SHRINKAGE RATIO INDEX RATIO (%)	UNSATURATED SHRINKAGE RATIO INDEX RATIO INDEX (%)	UNSATURATED SHRINKAGE RATIO INDEX RATIO INDEX RATIO (%)	UNSATURATED SHRINKAGE RATIO INDEX RATIO INDEX RATIO INDEX (%)
0.0-1.5	No Sample taken																
1.5-3.0	Brown SANDY GRAVEL																
3.0-4.5	Gray SAND																
4.5-6.0	Brown/Gray SILTY CLAY																
6.0-7.5	Gray SILTY LOAM																
7.5-9.0	Gray CLAY LOAM																
9.0-10.5	Gray SANDY CLAY LOAM																
10.5-12.0	Brown SAND																
12.0-13.5	Brown/Gray SANDY GRAVEL																
13.5-15.0	Brown SANDY GRAVEL																
15.0-16.5	Gray SILTY CLAY																
16.5-18.0	Brown SAND & GRAVEL																

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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18.0-19.5	Brown SAND & GRAVEL (continued)																
19.5-21.0																	
21.0-22.5																	
22.5-24.0																	
24.0-25.5																	
25.5-27.0																	
27.0-28.5																	
28.5-30.0																	
30.0-31.5																	
31.5-33.0																	
33.0-34.5																	
34.5-36.0																	
36.0-37.5																	
37.5-39.0																	
39.0-40.5																	
40.5-42.0																	
42.0-43.5																	
43.5-45.0																	
45.0-46.5																	
46.5-48.0																	
48.0-49.5																	
49.5-51.0																	
51.0-52.5																	
52.5-54.0																	
54.0-55.5																	
55.5-57.0																	
57.0-58.5																	
58.5-60.0																	
60.0-61.5																	
61.5-63.0																	
63.0-64.5																	
64.5-66.0																	
66.0-67.5																	
67.5-69.0																	
69.0-70.5																	
70.5-72.0																	
72.0-73.5																	
73.5-75.0																	
75.0-76.5																	
76.5-78.0																	
78.0-79.5																	
79.5-81.0																	
81.0-82.5																	
82.5-84.0																	
84.0-85.5																	
85.5-87.0																	
87.0-88.5																	
88.5-90.0																	
90.0-91.5																	
91.5-93.0																	
93.0-94.5																	
94.5-96.0																	
96.0-97.5																	
97.5-99.0																	
99.0-100.5																	

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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)

BORING LOGS
F.A.P. ROUTE 669 - SECTION 11BR-1
TAZEWELL COUNTY
STATION 301+87.90
STRUCTURE NO. 090-0172