



Illinois Department  
of Transportation

SOIL BORING LOG

Page 1 of 1

ROUTE FAI 74 DESCRIPTION Just North of Ogden LOGGED BY CNA

SECTION (10-92-8)HB-1)BR LOCATION NE, SEC. 8, TWP. 18N, R1G. 14W, 2nd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DR	BL	UC	M	Surface Water Elev.	Screen Hole Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	DR	BL	UC	M
010-0277	50+00															
Boring No. 2 N. Almt. Station 49+08 Offset 7.5 ft. Ground Surface Elev. 669.5 ft. (1) (4') (10) (5%)																
Gray Clay Loam T11 (continued)																
4 5.3 11																
7 6.3 11																
18 B																
642.5																
Gray Silty Clay Loam T11																
3 5 5																
6 3.2 13																
9 B																
67.5																
Pink Clay Loam T11																
4 3 3																
10 5.2 11																
14 B																
67.5																
Gray Varved Clay																
3 3 3																
4 2.1 23																
6 B																
68.0																
Gray Well Sorted Fine Sand																
4 3 3																
7 3 3.1 20																
11 B																
69.5																
End of Boring																

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (S-Blow, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)

HBS, from 137 (Rev. 8-88)



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010-0277	50+00															
Boring No. 2 S. Almt. Station 50+58 Offset 7.0 ft. Ground Surface Elev. 669.5 ft. (1) (4') (10) (5%)																
Brown Mottled Silty Clay (Embarkment)																
2 4 2.8 25																
8 B																
67.0																
Gray/Black Mixed Mottled Silty Clay																
4 4 4 21																
6 6.0 21																
9 B																
64.5																
Brown/Gray Mottled Silty Clay																
0 2 1.1 24																
3 B																
69.5																
Gray/Brown Mixed Mottled Silty Clay - Silty Clay Loam (Embarkment)																
2 2 2 21																
6 3.8 12																
6 B																
68.5																
Brown/Red Oxidized Dirty Medium Sand																
11 13 17																
65.5																
Gray Silty																
3 3 3 17																
7 B																
69.5																
Gray Clay Loam T11																
3 3 3 17																
8 B																
68.5																
Pink Clay Loam T11 (continued)																
3 3 3 17																
6 3.1 13																
10 B																
64.5																
Gray Clay																
1 3 1.7 24																
5 B																
64.5																
Gray Clay Loam T11 (continued)																
2 2 2 20																
6 3.9 20																
8 B																
69.5																
Gray Clay Loam T11																
2 2 2 20																
6 3.7 10																
10 B																
68.5																
Pink Clay Loam T11																
2 2 2 20																
6 3.7 10																
10 B																
68.5																
End of Boring																

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4 4 4 21																
6 6.0 21																
9 B																
64.5																
Pink Clay Loam T11 (continued)																
2 2 2 20																
6 3.9 20																
8 B																
69.5																
Gray Green Dirty Medium Sand																
5 5 5 11																
7 7 7 11																
8 8 8 11																
64.5																
End of Boring																

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HBS, from 137 (Rev. 8-88)



210 N. Chestnut  
Champaign, Illinois 61820  
(217) 483-8688  
FAX (217) 483-4708  
Designed By: MTH  
Checked By: STD  
Drawn By: JMD  
Date: 11/02  
File: 0100277.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SOIL BORING DATA  
FAS RTE 518 (IL 49S) & FAP RTE 836 (C.H.22)  
OVER FAI RTE 74 (I-74)  
SECTION (10-92-8HB-1) BR  
CHAMPAIGN COUNTY  
STA. 1000+88.67 (I-74)  
STA. 50+00.00 (IL 49S & C.H. 22)  
STRUCTURE NO. 010-0277