

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG
Page 2 of 2
Date 4/18/04

ROUTE FAS 731 DESCRIPTION CH 2 over Apple Creek LOGGED BY Mark Schradler

SECTION 01-00071-00-BR LOCATION W 1/2 SEC. 15, TWP. 12N, R9G. 10W. 3 PM

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

STRUCT. NO.	Station	DEPTH	DESCRIPTION	UNCONSOLIDATED	MOISTURE	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After
031-3002		(ft)	(%)	(%)	(%)	ft	ft	ft	ft	ft	ft
Gray SAND See Gradation @ 35 ft (continued)											
39.7											
Gray SHALE 50'± 4.0 P											
34											
50'± 2.0 S/H											
32.2											
End of Boring											

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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031-3002		(ft)	(%)	(%)	(%)	ft	ft	ft	ft	ft	ft
Brown Silty CLAY See Gradation @ 15 ft (continued)											
3											
4 2.3 17 S/20											
59.5											
1 0.3 25 B											
2											
0 0.1 27 B											
0											
0 0.1 25 B											
54.5											
0 0.1 25 B											
72.0											
1 0.6 27 S/20											
2											
89.5											
1 1.5 23 NC											
2											
2 1 NC 29											
3											
44.5											
5											
Gray Silty CLAY											

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031-3002		(ft)	(%)	(%)	(%)	ft	ft	ft	ft	ft	ft
Gray Silty CLAY (continued)											
7 3.8 22 S/20											
14											
4											
8 3.3 20 S/20											
12											
34.5											
50'± 3.5 P											
Gray SHALE											
50'± 1.5 S/S											
28.0											
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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STA. 0+00 (BORINGS) = STA. 473+01.25 (PLANS)

BORINGS
F.A.S. 731 - C.H. 2
OVER APPLE CREEK
SECTION 01-00071-00-BR
GREENE COUNTY

FILE NAME: STRUCTURE PLANS REV. 10/12/03