


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 4

Date 5/5/08

ROUTE FAS 739 DESCRIPTION Eldred-Hillview Road over Stream, 4.5 miles North of IL 108 LOGGED BY E. Stewart

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. South Abutment
Station 237+20
Offset 50.00ft Left
Ground Surface Elev. 437.87 ft

DEPTH (ft)	D	B	U	M	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Upon Completion After Hrs.	D	B	U	M	S	T	S	T	S	T	
																			(ft)
0																			
4		0.72		24															
4		S/16																	
8																			
8		0.81		29															
8		B/20																	
10																			
10		1.30		40															
10		B/20																	
13																			
13		1.37		38															
13		B/20																	
16																			
16		1.56		27															
16		B/20																	
19																			
19		1.07		24															
19		B/20																	
21																			
21		1.79		25															
21		B/20																	
23																			
23		2																	

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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																			(ft)
0																			
5																			
5		NS																	
8																			
8		2																	
8		B/20																	
12																			
12		4																	
12		B/20																	
16																			
16		9																	
16		NC																	
18																			
18		16																	
18		NC																	
21																			
21		16																	
21		NS																	
25																			
25		8																	
25		13																	
25		NC																	
25		25																	
25		NC																	
30																			
30		3																	

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DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

SOIL BORING LOGS					
SHEET NO. 21	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
23 SHEETS	739	1BR	GREENE	150	142
		S.N. 031-0039		CONTRACT NO. 76410	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					