

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	(107, 107B) LS	EFFINGHAM	22	18
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 8
OF 12 SHEETS

CONTRACT NO. 74128

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/9/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois
SECT. 107WRS-1 STRUCT. NO. _____ DRILLED BY B. Williamson
COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, R. 6E

Boring No. B-101 Surface Water Elev. _____
Station 1033+00 Groundwater Elev. _____
Offset 62.00 ft LI when drilling DRY
after at Completion DRY
Hrs. _____

DEPTH ft	B L O W S	P E N E T R A T I O N T E S T	Qu tsf	W %	DEPTH ft	B L O W S	P E N E T R A T I O N T E S T	Qu tsf	W %
0	2	P	15		0	10		12	
1	4	4.5+			1	29			
2	7				2	36			
3					3				
4	6	P	12		4	34		14	
5	8	4.5+			5	45			
6	7				6	60*			
7					7				
8	5	P	12		8	10		12	
9	7	4.5+			9	10			
10	8				10	21			
11					11				
12	5	P	14		12	50*			
13	8	4.5+							
14	10				14				
15					15				
16	5	S	14		16				
17	8	9.2			17				
18					18				
19	10	P	7		19				
20	30	4.5+			20				
21	47				21				
22					22				
23	8	P	10		23				
24	11	4.5+			24				
25	17				25				
26					26				
27	7	P	12		27				
28	14	4.5+			28				
29	19				29				
30					30				
31					31				
32	9		11		32				
33	9				33				
34	13				34				
35					35				
36	8		12		36				
37	14				37				
38	23				38				

SPT (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet.

Testing Service Corporation
STRUCTURE ROCK CORING LOG

Page 1 of 1
Date 7/9/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois
SECT. 107WRS-1 STRUCT. NO. _____ DRILLED BY B. Williamson
COUNTY Effingham

Boring No. B-101 Core Type MX Core Barrel
Station 1033+00 Core Diameter 2.34 in
Offset 62.00 ft LI Core Length 3 ft

Top Elev. ft	Core Run (ft)	RECOVERY (%)	R (%)	CORE (Min/ft)	COMP. (tsf)
558.33	1	88	51	3	283

Top Elev. ft	Core Run (ft)	Coring Notes and Rock Description
558.33	1	Gray SANDSTONE with interbedded SHALE
553.33	40.0	End of Boring at 40.0'
545.0		
50.0		
55.0		

Color pictures of the cores _____
Cores will be stored for examination until _____

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/10/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois
SECT. 107WRS-1 STRUCT. NO. _____ DRILLED BY B. Williamson
COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, R. 6E

Boring No. B-102 Surface Water Elev. _____
Station 1031+75 Groundwater Elev. _____
Offset 78.00 ft LI when drilling DRY
after at Completion DRY
Hrs. _____

DEPTH ft	B L O W S	P E N E T R A T I O N T E S T	Qu tsf	W %	DEPTH ft	B L O W S	P E N E T R A T I O N T E S T	Qu tsf	W %
0	2	P	8		0	14		13	
1	4	4.5+			1	20			
2	4				2	32			
3					3				
4	5	P	12		4	18		14	
5	5	4.5+			5	23			
6	8				6	38			
7					7				
8	4	P	10		8	14		10	
9	7	4.5+			9	21			
10	12				10	38			
11					11				
12	4	P	8		12	10		15	
13	26	4.5+			13	23			
14	50				14	60*			
15					15				
16	10	S	9		16				
17	17	14.0			17				
18					18				
19	17	P	9		19				
20	39	4.5+			20				
21	44				21				
22					22				
23	18	P	8		23				
24	38	4.5+			24				
25	45				25				
26					26				
27	5	P	7		27				
28	20	4.5+			28				
29	30				29				
30					30				
31					31				
32	16	P	8		32				
33	23	4.5+			33				
34	36				34				
35					35				
36					36				
37					37				
38	10		15		38				
39	33				39				
40	50				40				
41					41				

SPT (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet.

SOIL BORINGS LOGS
ILLINOIS ROUTE 32/33
F.A.P. ROUTE 774
SECTION 107 WRS-1, 107BY,
107BY-1 & 107B-2
EFFINGHAM COUNTY
RETAINING WALL
STA. 1026+03.00 LT. TO STA. 1033+86.00 LT.
STRUCTURE NUMBER 025-W008

3/7/2008 4:59:28 PM