

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	(107, 107B) LS	EFFINGHAM	22	21
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	OF 12 SHEETS

CONTRACT NO. 74128

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/15/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamsen

COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, R8E

Boring No. B-106
Station 1027+98
Offset 70.00R LL

Surface Elev. 587.14 ft

DEPTH	TEST	QU	W	Surface Water Elev.	DEPTH	TEST	QU	W
ft		tsf	%	when drilling	ft		tsf	%
5	P	8		DRY	14	S	9	
6		4.5+		DRY	23		7.0	
11					29			
581.14					589.84			
5	S	14			10	B	17	
7		6.1			10		5.0	
8					10			
581.14					590.14			
2	S	14			18		17	
5		4.1			22			
8					34			
581.14					593.64			
7	P	8			13		14	
17		4.5+			25			
17					50.5'			
581.14					595.04			
7	P	8			22		15	
16		4.5+			27			
19					50.0'			
581.14					596.54			
8	S	8			46.0'		6	
15		6.8						
22								
581.14					597.14			
7	P	8						
19		4.5+						
24								
581.14					598.14			
11		7						
30								
45								
581.14					599.14			
14		15						
26								
32								
581.14					600.14			
13		12						
29								
44								

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 7/15/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamsen

COUNTY Effingham

Boring No. B-106 Core Type NX Core Barrel
Station 1027+98 Core Diameter 2.34 in
Offset 70.00R Lt Core Length 20 ft

Surface Elev. 587.14 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (ft)	RECOVERY (%)	R (%)	CORE (Min/ft)	COMP. (pcf)
587.14	Gray SANDSTONE with interbedded SHALE	1	85	45	2.5	
584.30						
581.38						
578.39						
575.39						
573.88						
571.88						
569.38						
527.14	Gray SANDSTONE with interbedded SHALE	2	97	50	3	
527.14	End of Boring at 60.0'					

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 7/16/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamsen

COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, R8E

Boring No. B-107
Station 1027+62
Offset 70.00R LL

Surface Elev. 587.36 ft

DEPTH	TEST	QU	W	Surface Water Elev.	DEPTH	TEST	QU	W
ft		tsf	%	when drilling	ft		tsf	%
7	P	8		DRY	6	B	18	
12		4.5+		DRY	10		2.6	
10					11			
584.30					589.38			
4	S	20			7	B	18	
5		6.4			10		4.5	
7					13			
581.38					593.88			
2	P	12			7	B	22	
4		3.75			9		2.5	
8					13			
578.39					593.88			
1		12			10		17	
4					23			
8					24			
575.39					595.38			
13		8			15		18	
30					24			
34					26			
573.88					597.38			
7	P	8			50.5'		7	
17		4.5+						
34								
571.88					597.38			
13		7						
31								
42								
569.38					599.38			
5	B	11						
7		7.0						
12								
587.36					600.38			
6	P	6						
9		4.5+						
15								

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