

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	98
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

SHEET NO. 10
OF 14 SHEETS

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, RNG. R6E

Boring No. B-101
Station 1033+00
Offset 52.00R Lt

Surface Elev. 593.33 ft

DEPTH	BL	LO	Qu	W	Surface Water Elev.	DEPTH	BL	LO	Qu	W
H	S	tsf	%		when drilling	H	S	tsf	%	
					Groundwater Elev.: DRY					
					at Completion DRY					
					after Hrs.					
	2	P	15			10				12
	4	4.5+				29				
	7					36				
	5	P	12			14				14
	6	4.5+				48				
	7					50/4"				
	5	P	12			10				12
	7	4.5+				19				
	8					21				
	5	P	14			50/4"				
	8	4.5+								
	10									
	5	S	14							
	6	9.2								
	9									
	10	P	7							
	39	4.5+								
	47									
	9	P	10							
	11	4.5+								
	17									
	7	P	12							
	14	4.5+								
	19									
	9		11							
	9									
	13									
	9		12							
	14									
	23									

Hard light brown SILTY LOAM, moist

Very dense light brown LOAM/SANDY LOAM, moist

Very dense gray weathered SILTSTONE

See STRUCTURE CORING LOG for core information to termination depth of boring.

Hard brown SILTY CLAY LOAM, moist

Hard brown SILTY LOAM, moist

Hard brown SILTY CLAY LOAM, moist

Hard gray SILTY CLAY LOAM, moist

Firm to dense light brown SILTY LOAM/SILT, moist

Very dense gray SILTY LOAM/LOAM, moist

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE ROCK CORING LOG

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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
Station 1033+00
Offset 52.00R Lt

Surface Elev. 593.33 ft

Core Type NX Core Barrel
Core Diameter 2.34 in
Core Length 5 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVER Y (%)	R Q (%)	CORE TIME (Min/ft)	COMP. S T R N G T H (tsf)
558.33	Gray SANDSTONE with interbedded SHALE	1	88	51	3	293
553.33	End of Boring at 40.0'					

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, RNG. R6E

Boring No. B-102
Station 1031+75
Offset 70.00R Lt

Surface Elev. 588.10 ft

DEPTH	BL	LO	Qu	W	Surface Water Elev.	DEPTH	BL	LO	Qu	W
H	S	tsf	%		when drilling	H	S	tsf	%	
					Groundwater Elev.: DRY					
					at Completion DRY					
					after Hrs.					
	2	P	8			14				13
	4	4.5+				29				
	4					32				
	5	P	12			13				14
	5	4.5+				23				
	9					33				
	4	P	10			14				19
	7	4.5+				21				
	12					33				
	14	P	8			10				15
	26	4.5+				23				
	50					50/3"				
	10	S	9							
	17	14.0								
	27									
	17	P	9							
	39	4.5+								
	44									
	19	P	6							
	38	4.5+								
	45									
	5	P	7							
	20	4.5+								
	30									
	16	P	9							
	23	4.5+								
	36									
	10		13							
	33									
	50									

Hard brown SILTY CLAY LOAM, moist

Very dense gray SILTY LOAM/LOAM, moist

See STRUCTURE CORING LOG for core information to termination depth of boring.

Hard brown SILTY CLAY LOAM, moist

Hard gray SILTY CLAY LOAM, moist

Very dense gray SILTY LOAM/LOAM, moist

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