

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 12 OF 14 SHEETS
774	*	EFFINGHAM	273	100	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
* 107WRS-1, 107BY, 107BY-1 & 107B-2					
CONTRACT NO. 94827					

Testing Service Corporation
STRUCTURE ROCK CORING LOG

Page 1 of 1
Date 7/11/02

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-104 Core Type NX Core Barrel
Station 1029+50 Core Diameter 2.34 in
Offset 70.00ft Lt Core Length 6 ft

Surface Elev. 591.09 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRENGTH (tsf)
541.09	Gray SANDSTONE with interbedded SHALE	1	100	86	3.5	216
535.09	End of Boring at 56.0'					244

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 7/12/02

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-105 Surface Water Elev. _____
Station 1029+00 Groundwater Elev.: _____
Offset 70.00ft Lt when drilling _____
after _____ Hrs. _____

Surface Elev. 588.46 ft

Surface Elev. ft	DEPTH (ft)	LOG	Qu (tsf)	W (%)	DEPTH (ft)	LOG	Qu (tsf)	W (%)
588.46	5	P	11		4	B	20	
	7	4.5+			5	B	4.9	
	9				13			
584.96	8	P	13		5	B	14	
	10	4.5+			7	4.8		
	12				10			
	10	P	7		3	S	14	
	16	4.5+			7	6.0		
	26				14			
579.96	10	P	9		5		11	
	20	4.5+			11			
	20				13			
	17	B	8		22		9	
	25	11.5			36			
	24				44			
	11	S	8		18		10	
	21	8.3			45			
	28				50/3°			
	9	B	9					
	23	9.7						
	31							
569.96	8							
	29							
	43							
567.46	6	B	12					
	13	7.9						
	20							
	4	B	12					
	11	7.2						
	16							
563.46	25							

Very dense brown SAND, dry

Hard gray SILTY CLAY LOAM, moist

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

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

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Date 7/12/02

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-105 Core Type NX Core Barrel
Station 1029+00 Core Diameter 2.34 in
Offset 70.00ft Lt Core Length 17 ft

Surface Elev. 588.46 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRENGTH (tsf)
548.46	Gray SANDSTONE with interbedded SHALE	1	100	43	3	
539.46	Gray SANDSTONE with interbedded SHALE	2	86	59	2.5	255
531.46	End of Boring at 57.0'					170

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

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