

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	344	124G
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
• 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

SHEET NO. 12  
OF 14 SHEETS

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. STRNGTH (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. R8E

Boring No. B-105  
Station 1029+00  
Offset 70.00ft Lt  
Surface Elev. 588.46 ft

Surface Water Elev. \_\_\_\_\_  
Groundwater Elev. at Completion \_\_\_\_\_  
when drilling \_\_\_\_\_  
after \_\_\_\_\_ Hrs.

Depth (ft)	Soil Description	Depth (ft)	Soil Description
0-5	Hard light brown SILTY LOAM, moist	0-5	Hard gray SILTY CLAY LOAM, moist
5-10	5 P 11 7 4.5+ 9	5-10	4 B 20 5 4.9 13
10-15	Hard brown SILTY LOAM, moist to damp	10-15	5 B 14 7 4.8 10
15-20	10 P 7 16 4.5+ 26	15-20	3 S 14 7 6.0 14
20-25	Hard light brown SILTY LOAM, damp	20-25	5 11 11 11 13
25-30	10 P 9 20 4.5+ 20	25-30	5 11 11 11 13
30-35	Very dense gray SILTY LOAM/LOAM, moist	30-35	22 9 36 44
35-40	17 B 8 25 11.5 24	35-40	18 10 45 50/3"
40-45	11 S 8 21 8.3 28	40-45	18 10 45 50/3"
45-50	9 B 9 23 9.7 31	45-50	18 10 45 50/3"
50-55	Very dense brown SAND, dry	50-55	18 10 45 50/3"
55-60	8 29 43	50-55	18 10 45 50/3"
60-65	Hard gray SILTY CLAY LOAM, moist	60-65	18 10 45 50/3"
65-70	8 B 12 13 7.9 20	60-65	18 10 45 50/3"
70-75	4 B 12 11 7.2 16	60-65	18 10 45 50/3"
75-80	4 B 12 11 7.2 16	60-65	18 10 45 50/3"

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. STRNGTH (tsf)
548.46	Gray SANDSTONE with interbedded SHALE	1	100	43	3	255
539.46	Gray SANDSTONE with interbedded SHALE	2	86	59	2.5	170
531.46	End of Boring at 57.0'					

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