

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 12
OF 12 SHEETS

CONTRACT NO. 74128

Testing Service Corporation
STRUCTURE ROCK CORING LOG

Page 1 of 1
Date 7/19/02

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-107 Core Type NX Core Barrel
Station 1026+98 Core Diameter 2.34 in
Offset 79.00ft LT Core Length 20 ft
Surface Elev. 587.38 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R. Q. D. (%)	CORE TIME (Min/ft)	COMP. STRENGTH (tsf)
547.38	Gray SANDSTONE with interbedded SHALE	1	99	43	3	
537.38	Gray SANDSTONE with interbedded SHALE	2	95	51	3	188

End of Boring at 80.0'

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 7/19/02

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. 16. TWP. T8N. R8E. R8E

Boring No. B-108
Station 1026+98
Offset 89.00ft LT
Surface Elev. 559.22 ft
Surface Water Elev. _____
Groundwater Elev. when drilling at Completion 845.7 ft
after _____

DEPTH (ft)	BLOW COUNT (S, P, G)	Soil Description
7-11	P 7 S 4.5+	Hard light brown SILTY LOAM, damp
8-12	P 9 S 4.5+	Hard light brown SILTY LOAM, damp
10-15	S 11 P 4.6	Hard light brown SILTY LOAM, damp
11-13	P 10 S 4.6-	Hard brown SILTY LOAM, moist
12-14	S 11 P 4.6	Hard brown SILTY LOAM, moist
17-15	S 12 P 4.6	Firm light brown SILTY LOAM/LOAM, moist
17-15	S 12 P 4.6	Firm light brown SILTY LOAM/LOAM, moist
17-15	S 12 P 4.6	Firm light brown SILTY LOAM/LOAM, moist
23-41	S 12 P 4.6	Dense brown SANDY LOAM, saturated
23-41	S 12 P 4.6	Dense brown SANDY LOAM, saturated
23-41	S 12 P 4.6	Dense brown SANDY LOAM, saturated
23-41	S 12 P 4.6	Very dense gray SILTY LOAM/LOAM, moist
23-41	S 12 P 4.6	Very dense gray SILTY LOAM/LOAM, moist
23-41	S 12 P 4.6	Very dense gray SILTY LOAM/LOAM, moist
539.22		See STRUCTURE CORING LOG for core information to termination depth of boring.

SPT. (N) = Sum of last two blow values in sample. (Cu) = Blow 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 7/19/02

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-108 Core Type NX Core Barrel
Station 1026+98 Core Diameter 2.34 in
Offset 89.00ft LT Core Length 10 ft
Surface Elev. 559.22 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R. Q. D. (%)	CORE TIME (Min/ft)	COMP. STRENGTH (tsf)
539.22	Gray SANDSTONE with interbedded SHALE	1	82	40	2.5	
529.22	End of Boring at 30.0'					

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