

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 344	SHEET NO. 1241
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94627				

SHEET NO. 14
OF 14 SHEETS

Testing Service Corporation
STRUCTURE ROCK CORING 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. Williamson
COUNTY Effingham
Boring No. B-107 Core Type NX Core Barrel
Station 1027+52 Core Diameter 2.34 in
Offset 70.00ft Lt Core Length 20 ft
Surface Elev. 587.38 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
547.38	Gray SANDSTONE with interbedded SHALE	1	99	43	3	
537.38	Gray SANDSTONE with interbedded SHALE	2	95	51	3	202
527.38	End of Boring at 60.0'					188

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 7/16/02

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-108 D E L B
Station 1025+96 P O W Qu W
Offset 59.00ft Lt T H S tsf %
Surface Elev. 559.22 ft
Surface Water Elev. _____
Groundwater Elev. when drilling at Completion after _____ Hrs. 545.7

Top Elev. ft	Notes	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
559.22	Hard light brown SILTY LOAM, damp	1	78	11	7	
553.72	Hard brown SILTY LOAM, moist	2	88	13	10	
548.22	Firm light brown SILTY LOAM/LOAM, moist	3	10	12	11	
545.72	Dense brown SANDY LOAM, saturated	4	17	17	15	
543.22	Very dense gray SILTY LOAM/LOAM, moist	5	23	41	12	
539.22	See STRUCTURE CORING LOG for core information to termination depth of boring.	6	50	3	9	

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 7/16/02

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 1025+96 Core Diameter 2.34 in
Offset 59.00ft Lt Core Length 10 ft
Surface Elev. 559.22 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
539.22	Gray SANDSTONE with interbedded SHALE	1	93	40	2.5	
529.22	End of Boring at 30.0'					158

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