

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	88
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				

SHEET NO. 3
OF 3 SHEETS

CONTRACT NO. 94827

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/17/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Hildene Drive, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. _____ DRILLED BY B. Williamson

COUNTY Effingham LOCATION Summit Township S. 12, TWP. T8N, RNG. R5E

Boring No.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O			when drilling	P	O		
	T	W	tsf	%	at Completion	T	W	tsf	%
Surface Elev.	H	S			after	H	S		
B-204									
987+75					556.9				
53.00ft Rt					555.4				
572.36 ft									
Hard gray SILTY CLAY LOAM, moist									
		7	S	8					
		10	6.5						
		14							
		17	P	8					
		31	4.5+						
		40							
		25	B	12					
		15	7.4						
		15							
		5	B	14					
		12	7.8						
		17							
561.86									
Very tough to hard gray SILTY CLAY LOAM, moist									
		19	B	14					
		24	3.5						
		12							
		5	B	15					
		7	5.5						
		14							
566.36									
Dense to very dense gray/brown SILTY LOAM, moist									
		14		14					
		21							
		20							
		24		11					
		39							
		20	50/2"						
561.86									
Very dense gray SILTY LOAM, moist									
		50/6"		13					
549.86									
Very dense gray weathered SILTSTONE, dry									
		50/5-1/2"		8					
547.36									

End of Boring at 25.0'

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

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Boring No.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O			when drilling	P	O		
	T	W	tsf	%	at Completion	T	W	tsf	%
Surface Elev.	H	S			after	H	S		
B-205									
988+50					562.4				
65.00ft Rt					560.9				
570.90 ft									
Very dense brown SANDY LOAM, damp									
		21		4					
		50/6"							
		32		9					
		50/5"							
		17	P	7					
		36	4.5+						
		43							
564.90									
Hard gray SILTY CLAY LOAM, damp									
		18							
		24							
		50							
562.40									
Very dense gray SAND, saturated									
		19							
		28							
		50/4"							
		29							
		50/6"							
		23							
		27							
		33							
552.40									
Very dense gray/brown SILTY LOAM, moist									
		50/6"		11					
550.40									
Hard gray SILTY CLAY LOAM, moist									
		10	P	12					
		24	4.5+						
		38							
		15	B	12					
		25	4.6						
		39							
545.90									

End of Boring at 25.0'

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. 985+45.00 RT TO
STA. 988+55.00 RT