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. B-204
Station 987+75
Offset 53.00ft Rt
Surface Elev. 572.36 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 556.9
at Completion 555.4
after _____ Hrs. _____

DEPTH	BLOWS	Qu tsf	W %
	Hard gray SILTY CLAY LOAM, moist		
	7 10 14	S 6.5	8
	17 31 40	P 4.5+	8
-5			
	25 15 15	B 7.4	12
	5 12 17	B 7.8	14
-10			
561.86	Very tough to hard gray SILTY CLAY LOAM, moist		
	19 24 12	B 3.5	14
	5 7 14	B 5.5	15
-15			
556.36	Dense to very dense gray/brown SILTY LOAM, moist		
	14 21 20		14
	24 39 50/2"		11
-20			
551.86	Very dense gray SILTY LOAM, moist		
	50/6"		13
549.86	Very dense gray weathered SILTSTONE, dry		
	50/5-1/2"		8
547.36	-25		

End of Boring at 25.0'

DEPTH	BLOWS	Qu tsf	W %
-30			
-35			
-40			
-45			
-50			

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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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. B-205
Station 988+50
Offset 65.00ft Rt
Surface Elev. 570.90 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 562.4
at Completion 560.9
after _____ Hrs. _____

DEPTH	BLOWS	Qu tsf	W %
	Very dense brown SANDY LOAM, damp		
	21 50/6"		4
	32 50/5"		9
-5			
564.90	Hard gray SILTY CLAY LOAM, damp		
	17 36 43	P 4.5+	7
562.40	Very dense gray SAND, saturated		
-10	16 24 50		
	19 28 50/4"		
	29 50/6"		
-15			
	23 27 33		
552.40	Very dense gray/brown SILTY LOAM, moist		
	50/6"		11
-20			
550.40	Hard gray SILTY CLAY LOAM, moist		
	10 24 38	P 4.5+	12
	15 25 39	B 4.6	12
545.90	-25		

End of Boring at 25.0'

DEPTH	BLOWS	Qu tsf	W %
-30			
-35			
-40			
-45			
-50			

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