

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	87
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
• 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

SHEET NO. 2
OF 3 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/18/02

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.	Station	Offset	Surface Elev.	DEPTH	BL	LO	TSF	W	Surface Water Elev.	Groundwater Elev.	DEPTH	BL	LO	TSF	W
B-201	985+50	33.00R Rt	581.85 ft												
Hard brown SILTY CLAY LOAM, damp															
				7	P		7								
				16	4.5+										
				21											
				18	S		8								
				24	6.1										
				43											
			575.85	28			7								
Very dense brown SANDY LOAM, damp to moist															
				50/5-1/2"											
				20			10								
				50/5"											
				11											
			570.85	30											
				43											
Very dense brown SAND, saturated															
				14											
				50/5"											
				12											
				30/5-1/2"											
			564.35	49			12								
Very dense brown SANDY LOAM, wet															
				50/4"											
				20			11								
				38											
				41											
			559.35	20			11								
Very dense gray SILTY LOAM/LOAM, moist															
				50/6"			9								
				556.85											

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

Boring No.	Station	Offset	Surface Elev.	DEPTH	BL	LO	TSF	W	Surface Water Elev.	Groundwater Elev.	DEPTH	BL	LO	TSF	W
B-202	986+25	32.00R Rt	578.68 ft												
Very dense brown SILTY LOAM/LOAM, damp															
				19			6								
				29											
				34											
			575.18	19	S		10								
Hard gray SILTY CLAY LOAM, moist															
				26	8.6										
				27											
			573.18	8	B		8								
Hard gray SILTY CLAY LOAM, moist															
				18	5.8										
				24											
				7	S		8								
				17	8.8										
				25											
				10	P		9								
				14	4.5+										
				21											
			565.18	13	B		22								
Very tough gray SILTY CLAY, moist															
				18	3.1										
				23											
			563.18	6	B		14								
Hard gray SILTY CLAY LOAM, moist															
				9	5.9										
				15											
				4	B		13								
				8	7.0										
				13											
				5	B		13								
				8	5.4										
				15											
			555.18	56/2"											
Very dense gray weathered SANDSTONE, dry															
				563.68											

End of Boring at 25.0'

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Boring No.	Station	Offset	Surface Elev.	DEPTH	BL	LO	TSF	W	Surface Water Elev.	Groundwater Elev.	DEPTH	BL	LO	TSF	W
B-203	987+00	65.00R Rt	578.36 ft												
Hard brown SILTY CLAY LOAM, moist															
				13	P		8								
				17	4.5+										
				16											
			572.86	25											
Very dense brown SANDY LOAM, moist to wet															
				50/5"											
				13											
				50/3"											
				32											
				50/4"											
				17											
			565.86	50/5-1/2"											
Very dense brown SAND, saturated															
				6	B		12								
				15	9.5										
				23											
			562.86	10	S		13								
Hard gray SILTY CLAY LOAM, moist															
				14	7.2										
				20											
				13	B		13								
				17	10.8										
				22											
			556.36	14			11								
Dense to very dense gray/brown SILTY LOAM, moist															
				21											
				23											
				14			13								
				50/5-1/2"											
			561.36												

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

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