

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8 OF 14 SHEETS
774	EFFINGHAM	344	124C	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94821				



SKS ENGINEERS, INC.  
SOIL BORING LOG

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Date 04/24/2001

ROUTE IL Rt. 33 DESCRIPTION Retaining Wall LOGGED BY T. Skinner/D. Baldwin  
SECTION 107 WRS-1 LOCATION Effingham SEC. TWP. RNG. PM  
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. Station	D P T H	B L W S	U C S	M O S	Surface Water Elev.		D P T H	B L C O S	U C S	M O S
					ft	ft				
BORING NO. B-4 Station 1026+00 Offset 55LT Ground Surface Elev. 592.0 ft										
SILTY CLAY LOAM - Gray Brown, moist, soft-firm, low-medium plasticity, trace sand, trace gravel, organics - reddish brown, very stiff - A-6 - stiff, little sand - clayey sand seam										
SILTY CLAY LOAM - Mottled Gray-Brown, moist, hard, low plasticity, trace-little sand, trace gravel - A-6 water added for drilling @ 9 ft										
SAND - Brown, moist, very dense, fine-medium, trace gravel - A-1-B SILTY CLAY LOAM - Mottled Gray-Brown, moist, hard, low plasticity, trace-little sand, trace gravel - A-6 - dark gray - brown										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS 137 (3/01)



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ROUTE IL Rt. 33 DESCRIPTION Retaining Wall LOGGED BY T. Skinner/D. Baldwin  
SECTION 107 WRS-1 LOCATION Effingham SEC. TWP. RNG. PM  
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. Station	D P T H	B L W S	U C S	M O S	Surface Water Elev.		D P T H	B L C O S	U C S	M O S
					ft	ft				
BORING NO. B-5 Station 1026+50 Offset 63LT Ground Surface Elev. 589.0 ft										
SILTY CLAY LOAM - Reddish Brown, moist, soft-firm, low-medium plasticity, trace sand, trace gravel, organics - A-6 - stiff - sand lense										
SILTY CLAY LOAM - Brown, moist, hard, low plasticity, trace sand, trace gravel - A-6 - sand seam										
SILTY CLAY LOAM - Mottled Gray-Brown, moist, hard, low plasticity, trace sand, trace gravel - A-6 - brown										
SAND - Brown, moist, very dense, fine-medium, trace gravel - A-1-B *) free water #20.5 ft.										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS 137 (3/01)



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ROUTE IL Rt. 33 DESCRIPTION Retaining Wall LOGGED BY T. Skinner/D. Baldwin  
SECTION 107 WRS-1 LOCATION Effingham SEC. TWP. RNG. PM  
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. Station	D P T H	B L W S	U C S	M O S	Surface Water Elev.		D P T H	B L C O S	U C S	M O S
					ft	ft				
BORING NO. B-5-2 Station 1026+50 Offset 63LT Ground Surface Elev. 589.0 ft										
SHALE - Gray, moist, weathered										
END OF BORING @ 46 ft. Boring backfilled with spoil and capped with concrete upon completion										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS 137 (3/01)

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