

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	344	124B
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

SHEET NO. 7
OF 14 SHEETS



SKS ENGINEERS, INC.
SOIL BORING LOG

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Date 04/23/2001

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 O S Qu	M O S T	Surface Water Elev.			Stream Bed Elev.			Groundwater Elev.:												
						ft			ft			ft			ft									
B-1	1033+50.33N																							
Ground Surface Elev. 689.0 ft (ft) (6") (tsf) (%)																								
SILTY CLAY LOAM - Gray																								
Brown, moist, stiff, low plasticity, little sand, trace gravel, organics - A-6																								
- brown																								
- mottled brown-gray																								
End of Boring @ 21 ft. Boring backfilled with spoil and capped with concrete cylinder upon completion																								
SILTY CLAY LOAM - Gray																								
Brown, moist, hard, low plasticity, trace-little sand, trace gravel, organics - A-6																								
- organics																								
EXTREMELY WEATHERED SANDSTONE - Brown, moist, very dense, fine-medium, trace gravel - A-1-B																								



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STRUCT. NO.	Station	D P T H	B L W S	U O S Qu	M O S T	Surface Water Elev.			Stream Bed Elev.			Groundwater Elev.:											
						ft			ft			ft			ft								
B-2	1032+50																						
Ground Surface Elev. 694.5 ft (ft) (6") (tsf) (%)																							
SILTY CLAY LOAM - Reddish																							
Brown, moist, firm, low-medium plasticity, trace sand, trace gravel, organics - A-6																							
- mottled gray-brown, stiff																							
- stiff-very stiff																							
SANDSTONE INTERBEDDED WITH SHALE																							
SILTY CLAY LOAM - Mottled																							
Gray-Brown, moist, hard, low plasticity, trace-little sand, trace gravel - A-6																							
- organics																							
ater added for drilling @ 9.25 ft.																							
SANDSTONE - Flag																							



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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 O S Qu	M O S T	Surface Water Elev.			Stream Bed Elev.			Groundwater Elev.:											
						ft			ft			ft			ft								
B-3	1031+00																						
Ground Surface Elev. 590.5 ft (ft) (6") (tsf) (%)																							
SILTY CLAY LOAM - Gray																							
Brown, moist, firm, low-plasticity, little sand, trace gravel, organics - A-6																							
- mottled brown-gray, stiff																							
- very stiff																							
End of Boring @ 26 ft. Boring backfilled with spoil and capped with concrete cylinder upon completion																							
SILTY CLAY LOAM - Mottled																							
Gray-Brown, moist, very stiff, low plasticity, trace-little sand, trace gravel, organics - A-6																							
SILTY CLAY LOAM - Gray																							
moist, low plasticity, hard, trace sand, trace gravel - A-5																							
SILTY CLAY LOAM - Dark																							
Gray, moist, hard, low-medium plasticity, trace sand, trace gravel - A-6																							

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 T208)

BBS 137 (3/01)

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 T208)

BBS 137 (3/01)

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 T208)

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