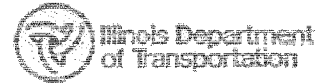


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	(107, 1072) LS	EFFINGHAM	22	16
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHEET NO. 6  
OF 12 SHEETS

CONTRACT NO. 74128



SKS ENGINEERS, INC.  
SOIL BORING LOG

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Date 04/24/2001

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

STRUCT. NO. Station	D E P T H S	B L O W S	U C C O S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O W S	U C C O S	M O I S T U R E	Groundwater Elev. First Encounter Upon Completion	D E P T H S	B L O W S	U C C O S	M O I S T U R E
BORING NO. B-4 Station 1026+50 Offset 55.1 Ground Surface Elev. 592.0														
SILTY CLAY LOAM - Gray Brown, moist, soft-firm, low-medium plasticity, trace sand, trace gravel, organics - reddish brown, very stiff - A-8 - silty silt sand - clayey sand seam	2		7	16										
	4		1.7	15										
	9			12										
SILTY CLAY LOAM - Mottled Gray-Brown, moist, hard, low plasticity, trace-silt sand, trace gravel - A-6 water added for drilling @ 9 ft	11													
	13													
	27		8											
SAND - Brown, moist, very dense, fine-medium, trace gravel - A-1-B	31													
	60+		3.4	9										
SILTY CLAY LOAM - Mottled Gray-Brown, moist, hard, low plasticity, trace-silt sand, trace gravel - A-6 - dark gray - brown	14													
	28		6.2	10										
	30+													
	25		7.5	10										
	60+													
	78		17											

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 T298).

BBS 137 (3/01)



SKS ENGINEERS, INC.  
SOIL BORING LOG

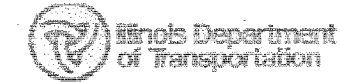
Page 1 of 2  
Date 04/23/2001

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

STRUCT. NO. Station	D E P T H S	B L O W S	U C C O S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O W S	U C C O S	M O I S T U R E	Groundwater Elev. First Encounter Upon Completion	D E P T H S	B L O W S	U C C O S	M O I S T U R E
BORING NO. B-5 Station 1026+50 Offset 63.1 Ground Surface Elev. 588.0														
SILTY CLAY LOAM - Reddish Brown, moist, soft-firm, low-medium plasticity, trace sand, trace gravel, organics - A-8 - silt - sand lenses	2		3	14										
	2													
	5													
	7													
	8													
	19		9											
	32													
SILTY CLAY LOAM - Brown, moist, hard, low plasticity, trace sand, trace gravel - A-8 - sand seam	32													
	50		5											
	10+													
SILTY CLAY LOAM - Mottled Gray-Brown, moist, hard, low plasticity, trace sand, trace gravel - A-8 - brown	22		4											
	35													
	25+													
	60+													
	14.5													
SAND - Brown, moist, very dense, fine-medium, trace gravel - A-1-B	18		10											
	60+													
3/4 free water @ 20.5 ft.	60+													
	20													
	26													
	60+													
	28													
	60+													

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 T298).

BBS 137 (3/01)



SKS ENGINEERS, INC.  
SOIL BORING LOG

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Date 04/23/2001

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

STRUCT. NO. Station	D E P T H S	B L O W S	U C C O S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O W S	U C C O S	M O I S T U R E	Groundwater Elev. First Encounter Upon Completion	D E P T H S	B L O W S	U C C O S	M O I S T U R E
BORING NO. B-5-2 Station 1026+50 Offset 58.1 Ground Surface Elev. 585.5														
SHALE - Gray, moist, weathered	4.1													
	60+													
	60+													
	4.5													
	4.8													
	6													
	6													
	16													
	28													
	30													
	35													
	25+													
	32													
	60+													
	35													
	60+													
	35													
	60+													
	18													
	60+													

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 T298).

BBS 137 (3/01)

SOIL BORING 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