F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
95	6B-1	EFFINGHAM	409	381
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 11
SHEETS 12

CONTRACT NO. 94356

Illinois Department of Transportation

SKS ENGINEERS, INC.
SOIL BORING LOG

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Date 05/01/2001

ROUTE IL Rt. 33 DESCRIPTION Rt. 33 Bridge Borings - Existing No. SN-025-0037 LOGGED BY T. Skinner/D. Baldwin

SECTION LOCATION Effingham SEC. TWP. RNG. PM

COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. SN-025-0097-new
Station

BORING NO. B-1
Station 531+80
Offset 8' Rt
Ground Surface Elev. 581.4 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encountered 13.75 ft
Upon Completion 18.0 ft
After 24 Hrs ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
2" Asphalt 22" Reinforced Concrete		2			
Silty Clay Loam - Mottled Brown, moist, stiff, low-medium plasticity, trace sand, trace gravel, organics - A-6		5	4 5 8	1.5	26
Silty Clay Loam, Mottled Brown-Gray, moist, firm-stiff, medium plasticity, trace-little sand - A-6 - wood		9.5	4 3 3 4 5 7	.85	23
Silt Loam - Gray, moist, firm-stiff, low plasticity, trace-little sand -A-4 - sand lenses		12.5	2 2 5 18	.4	20
Silty Clay Loam - Brown, moist hard, low plasticity, trace sand, trace gravel, organics - A-6		15	25 32	8.3	10
* free water @ 13.75' - gray		19.5	14 21 30 14 31 29+	12 11	8 8
		20	14		

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		25	28 32+	13	7
		30	21 27 33+		7
		35	19 27 33	11	9
		40	19 24 36+	6.9	11
- sand lense - clayey sand seam - dark gray		31.5	20 24 31	8.6	10
		45	19 27 33	7	11
		50	19 20 30	3.7	13
		55	20 27 33+	4.1	12
Shale - weathered		60	50+		

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 (2/01)

Illinois Department of Transportation

SKS ENGINEERS, INC.
SOIL BORING LOG

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Date 05/01/2001

ROUTE IL Rt. 33 DESCRIPTION Rt. 33 Bridge Borings - Existing No. SN-025-0037 LOGGED BY T. Skinner/D. Baldwin

SECTION LOCATION Effingham SEC. TWP. RNG. PM

COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. SN-025-0097-new
Station

BORING NO. B-1-2
Station 531+80
Offset 8' Rt
Ground Surface Elev. 581.4 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encountered 13.75 ft
Upon Completion 18.0 ft
After 24 Hrs ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		45	60+ 60+		18 12
END OF BORING @ 46 ft. Boring backfilled with spoil and capped with concrete upon completion					

BORING NO.	DEPTH (FT)	BLOWS	INCHES AT BLOWS
B-4	18.5	29	5
	21	32	5.5
	23.5	33	5
	28.5	36	5
	35	33	5
	40	60	6
	42.5	60	1
	45	60	2

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 (2/01)

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
ILLINOIS ROUTE 33 OVER
BISHOP CREEK
F.A.P. RTE. 95
SECTION 6B-1
EFFINGHAM COUNTY
Sta. 531+80
STRUCTURE NUMBER 025-0097

DATE: APR. 2002
DRAWN BY: BDM
CHECKED BY: SJK

BLANK, WESSELINK, COOK & ASSOCIATES ENGINEERS - CONSULTANTS DECATUR, ILLINOIS