Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 11/2/06

ROUTE FAI 90 DESCRIPTION P92-066-06 I-90 Bridge over Dry Run Creek, .25 m. N. of Prairie Hill Road LOGGED BY W. Garza

SECTION (X2-1) RS-1 LOCATION Roscoe Twp. - 10 SW, SEC., TWP. 46N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station 73+20

BORING NO. B-4
Station 73+53
Offset 83.00ft Lt Median CL
Ground Surface Elev. 88.50 ft

Surface Water Elev. 86.00 ft
Stream Bed Elev. 85.50 ft

Groundwater Elev.:
First Encounter 63.5 ft ▼
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan SILTY CLAY LOAM				0.6 P	21.0
	86.00				
MEDIUM light gray SANDY LOAM			2		
			3	0.5 P	20.0
			3		
	84.00				
VERY LOOSE tan fine SAND		-5	2		
			1		
	82.00		2		
VERY LOOSE black/tan fine SAND			1		
			1		
	79.50		3		
LOOSE tan clean medium coarse SAND		-10	2		
			3		
			3		
LOOSE tan fine SAND	73.50	-15	3		
			3		
			5		
	68.50	-20			
LOOSE tan clean medium coarse SAND			3		
			4		
			5		
MEDIUM tan clean medium coarse SAND	63.50 ▼	-25	3		
			6		
			5		
MEDIUM tan clean medium coarse SAND	58.50	-30	3		
			6		
			6		
MEDIUM tan clean medium coarse SAND	53.50	-35	4		
			7		
			8		
	48.50	-40			

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, from 137 (Rev. 8-99)

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Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan clean medium coarse SAND			7		
			10		
			14		
MEDIUM tan fine SAND with medium GRAVEL	43.50	-45	3		
			7		
			19		
Wash MEDIUM tan clean medium coarse SAND	38.50	-50	5		
			10		
			15		
Wash DENSE tan clean medium coarse SAND with medium GRAVEL	33.50	-55	8		
			14		
			23		
	28.50	-60			
Wash VERY DENSE tan SAND & GRAVEL			34		
			100/9"		
	27.00				
Wash VERY DENSE tan SAND & GRAVEL			100/8.5"		
	24.50				
Wash VERY DENSE tan SAND with medium GRAVEL		-65	19		
			27		
	22.00		41		
End of Boring		-70			
		-75			
		-80			

Soil Boring B-4

Soil Boring Log Ground Surface Elevation of 88.50 = Plan Elevation of 765.00

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BBS, from 137 (Rev. 8-99)

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USER NAME =	DESIGNED - JTT	REVISED -	
	CHECKED - VAC	REVISED -	
PLOT SCALE =	DRAWN - JBB	REVISED -	
PLOT DATE =	CHECKED - JTT	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS IV
STRUCTURE NO. 101-0193 & 101-0194
BRIDGE SHEET NO. 46 OF 48 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1)R	WINNEBAGO	510	391

CONTRACT NO. 64C29
ILLINOIS FED. AID PROJECT