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

SOIL BORING LOG

Date 10/30/06

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-2
Station 74+16
Offset 5.00ft Lt Median CL
Ground Surface Elev. 99.50 ft

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

Groundwater Elev.:
First Encounter 64.5 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM dark brown SILTY CLAY LOAM				0.8 P	21.0
	97.00		4		
VERY STIFF dark brown LOAM			6 8	2.5 B	13.0
	95.50	-5			
STIFF dark gray SILTY CLAY			4 6 8	1.8 P	26.0
	93.00				
VERY STIFF brown SILTY CLAY LOAM			3 5 8	2.0 P	29.0
	90.50	-10			
VERY STIFF brown LOAM			3 5 6	2.1 P	19.0
	88.00				
VERY STIFF tan SILTY LOAM with fine SAND lens			2 4 6	2.1 B	20.0
	85.00	-15			
LOOSE tan fine SAND			4 4 4		
	83.00				
LOOSE tan fine SAND			0 3 4		
	80.50	-20			
LOOSE tan clean medium coarse SAND			1 3 4		
	74.50	-25			
LOOSE tan fine SAND			1 2 5		
	69.50	-30			
MEDIUM tan clean medium coarse SAND			4 6 8		
	64.50 ▼	-35			
MEDIUM tan clean medium coarse SAND			3 4 8		
	59.50	-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			1 3 7		
	54.50	-45			
Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL			3 6 11		
	49.50	-50			
Wash MEDIUM tan clean medium coarse SAND			7 10 16		
	44.50	-55			
DENSE tan fine SAND			3 14 31		
	39.50	-60			
Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL			6 11 18		
	34.50	-65			
Wash DENSE tan clean medium coarse SAND with medium GRAVEL			13 18 23		
	33.00				
End of Boring					
		-70			
		-75			
		-80			

Soil Boring B-2
Soil Boring Log Ground Surface Elevation of 99.50 = Plan Elevation of 775.50

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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 II
STRUCTURE NO. 101-0193 & 101-0194
BRIDGE SHEET NO. 44 OF 48 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1)R	WINNEBAGO	510	389
		CONTRACT NO. 64C29		
		ILLINOIS FED. AID PROJECT		