Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 8/2/07

ROUTE FAP 330 (US 45) DESCRIPTION Proposed Headwall for Drainage LOGGED BY M. Esposito

SECTION 104-T-3 LOCATION NE 1/4, SEC. 29, TWP. 35N, RNG. 12E, 3rd PM

COUNTY Will DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO.
Station

BORING NO. B-1
Station 9+25
Offset 48.00ft Lt CL
Ground Surface Elev. 758.74 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Soft Brown SANDY LOAM			0.5	28
			0.0	
			0.0	
757.24				
Soft to Stiff Black Organic SILTY CLAY			0.3	39
			1.3	
			2.0	26
Grades to Gray			0.8	
			1.5	25
754.74				
Note: Unconfined compressive strength values based on measurements with a pocket penetrometer.	-5			
Note: Railroad stationing was used for distance measurement. Benchmark used was TBM #1 a PK nail set in top of wood guard rail post sta. 58+91 / 24.7 ft. Rt CL of US 45. Elevation is 759.40 ft.				
End of Boring	-10			
	-15			
	-20			

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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CHRISTIAN-ROGE & ASSOCIATES, INC.
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FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - B.N.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS-I U.S. 45 @ E.J. & E. RR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - D.L. / F.M.	REVISED -			330	104-T-3	WILL	32 / 19
	PLOT SCALE = $SCALE$	CHECKED - B.N.S. / J.C.N.	REVISED -					CONTRACT NO. 60B09	
	PLOT DATE = $DATE$	DATE - FEBRUARY 10, 2008	REVISED -		SCALE: NONE / SHEET NO. 2 OF 2 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	