Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 5/18/12

ROUTE FAP 303 DESCRIPTION D92-007-93 Traffic Signals, IL 173 @ Continental Drive LOGGED BY W. Garza

SECTION 129R LOCATION , SEC. , TWP. , RNG.

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station

BORING NO. B-1k
Station 1029+33
Offset 58.00ft Lt CL IL 173
Ground Surface Elev. 739.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 709.5 ft ▼
Upon Completion Wash ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DRY brown SILTY CLAY LOAM				6
	737.00			
VERY STIFF brown SANDY LOAM		6 7 10	2.6 P	11
	735.00			
MEDIUM brown fine SAND	-5	6 5 7		
	733.00			
MEDIUM tan fine SAND		4 3 8		
	730.00			
SOFT tan SILT with fine SAND lens	-10	4 5 9	0.3 P	24
	727.50			
VERY DENSE tan SANDY GRAVEL		16 27 35		
	725.50			
DENSE tan SANDY GRAVEL	-15	15 19 15		
	723.00			
DENSE tan SANDY GRAVEL		11 16 18		
	720.50			
MEDIUM tan SANDY GRAVEL	-20	11		

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan SANDY GRAVEL *(continued)*		11 16		
	718.00			
MEDIUM tan clean medium coarse SAND		10 11 17		
	715.50			
MEDIUM tan fine SAND	-25	12 16 13		
	713.00			
MEDIUM tan fine moist SAND		8 8 9		
	710.50			
MEDIUM tan fine SAND	▼ -30	2 5 9		
	708.00			
MEDIUM tan clean medium coarse SAND		7 13 16		
	705.50			
Wash DENSE tan fine SAND	-35	8 12 20		
	703.00			
End of Boring	-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)

FILE NAME = ...\Z00793LOGS_SIGNALS.dgn	USER NAME = Elgin 110	DESIGNED -	REVISED -
		DRAWN - JAU	REVISED -
THE UPCHURCH GROUP, INC.	PLOT SCALE = 2.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/2/2013 1:07:13 PM	DATE - APRIL 30, 2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAL STRUCTURE
SOIL BORING LOGS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	680
		CONTRACT NO. 64988		
	ILLINOIS FED. AID PROJECT			