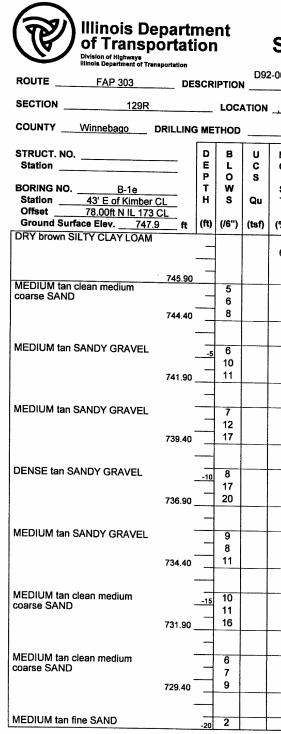
SOIL BORING

(W) Illinois De	partr	ne	nt		67	DIL BORING LO	~		Page	1	of _
illinois Department of Trans	portation					93 Traffic Signals on IL 173 @ Mitcl Road				5/1	
SECTION129R	UC.	JUK	LOC	ATION	SE		L(oggi	ED BY	<u>W.</u>	Garza
						llow Stem Auger HAMMER	TYPE		AE-45	Autor	
STRUCT. NO Station		D E	B L	U C	M	Surface Water Elev Stream Bed Elev	ft	DE	в	U C	M
BORING NO. B-1f Station 230+59 Offset 49.00ft Rt CL Mitchell Ground Surface Elev. 817.4	Road	P T H (ft)		S Qu (tsf)	I S T (%)	Groundwater Elev.: First Encounter 800.4 Upon Completion 802.4	_ft⊻ ft∑		0 W S (/6")	S Qu (tsf)	I S T
MEDIUM brown SILTY CLAY				0.6 P	20	After Hrs VERY DENSE tan clean medium GRAVEL (continued)	_ π 796.40		(767) 15 36	(131)	(%)
STIFF brown SANDY LOAM	815.40 813.90		2 2 4	1.1 P	18	DENSE tan SANDY GRAVEL	793.90		25 26 23		
MEDIUM tan SANDY LOAM with GRAVEL	811.40	5	5 7 7	0.6 P	9	MEDIUM tan SANDY GRAVEL	791.40	25	18 12 14		
STIFF tan SANDY LOAM with GRAVEL	- 808.90		7 6 9	1.1 B	10	VERY DENSE tan weathered LIMESTONE Auger Refusal @ 28'	789.40		100/1'		
VERY STIFF tan SANDY LOAM	- 806.40	ļ	12 15 14	2.3 P	10	End of Boring		 30			
/ERY STIFF tan SANDY LOAM vith GRAVEL	803.90		10 11 17	2.8 P	9						
/ERY DENSE light gray SANDY OAM TILL	-	7 -15	22 31 46		7			 35 			
/ERY DENSE tan SANDY GRAVEL	800.90	-	29 34 51								
	-	-20	7							-	



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)

FILE NAME = USER NAME = Elgin 110 DESIGNED -REVISED SIGNAL STRU STATE OF ILLINOIS ...\ZØØ793LOGS_SIGNALS.dgr DRAWN JAU REVISED **SOIL BORING** PLOT SCALE = 2.0000 '/ IN. CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** THE UPCHURCH GROUP, INC. PLOT DATE = 5/2/2013 1:06:23 PM SCALE: SHEET NO. OF SHEETS DATE - APRIL 30, 2013 REVISED

BBS, from 137 (Rev. 8-99)

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

D92-007-93 Traffic Signals on IL 173 @ Kimber Drive Date 5/21/12

LOGGED BY W. Garza

_ LOCATION __SEC., TWP., RNG.

Hollow Stem Auger HAMMER TYPE CME-45 Automatic									
M O I S T	Surface Water Elev Stream Bed Elev Groundwater Elev.: First Encounter 713.4	_ ft	D E P T H	B L O W S	U C S Qu	M O I S T			
%)	Upon Completion 713.4 After Hrs.	_ ft ⊻ _ ft ⊻ _ ft	 (ft)	(/6")	(tsf)	' (%)			
6	MEDIUM tan fine SAND (continued)	726.90		5 8					
		120.90							
	MEDIUM tan fine SAND			4 7					
		724.40		11					
	MEDIUM tan clean medium coarse SAND		-25	6 11					
		721.90		15					
	MEDIUM tan SANDY GRAVEL			9					
		719.40		12 13					
	MEDIUM tan clean medium coarse SAND		-30	9 13					
		716.90		16					
	MEDIUM tan clean medium moist			3					
	coarse SAND	714.40		5 7					
			_						
	LOOSE tan fine SAND	<u>\</u>	-35	2 3					
	End of Boring	711.90		7					
	End of boling								
			-40						

BBS, from 137 (Rev. 8-99)

UC	TURE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
C	LOGS		303	129R	WINNEBAGO	968	677		
					CONTRACT	Γ NO. 6	4988		
S	STA.	TO STA.	ILLINOIS FED. AID PROJECT						