## **SOIL BORING**

- 2

of Transpo Division of Highways Illinois Department of Trans	ortati	on			SC	DIL BORING LO	G				of <u>1</u>
ROUTE FAP 303	portation DE	SCRIF	PTION	D9	€2-007	-93 Traffic Signals, IL 173 @ Burde Road	en LC	oggi			6/12 Garza
						C., TWP., RNG.					
COUNTY Winnebago D	RILLING	MET	HOD		Но	llow Stem Auger HAMMER	TYPE	CN	/IE-45	Autom	atic
STRUCT. NO Station		D E		U C	M	Surface Water Elev Stream Bed Elev	ftft		B L	U C	M O
BORING NOB-1i Station61' N of IL 173 C	L	Т	w s		I S T	Groundwater Elev.: First Encounter 716.1 Upon Completion 716.1	_ ft ¥	P T H	O W S	S Qu	I S T
Offset 61.00ft W Burden R Ground Surface Elev. 750.6	<u>oad</u> ft	(ft)	(/6")	(tsf)	(%)	After Hrs	_ft⊻ _ft	(ft)	(/6")	(tsf)	(%)
MEDIUM brown SILTY CLAY LOAM	749.10			0.6 P	12	MEDIUM tan clean medium coarse SAND (continued)	729.60		12 13		
MEDIUM tan SANDY GRAVEL			7 9			MEDIUM tan fine SAND			10 15		
	747.10		12				727.10		13		
DENSE tan SANDY GRAVEL			13 19			MEDIUM tan fine SAND		-25	4 8		
	744.60		25				724.60		10		
VERY DENSE tan SANDY GRAVEL			18 28			MEDIUM tan clean medium coarse SAND		_	5 9		
	742.10		41				722.10		17		
VERY DENSE tan SANDY GRAVEL		-10	22 29			VERY DENSE tan SANDY GRAVEL		-30	14 14		
	739.60		37				719.60		45		
VERY DENSE tan SANDY GRAVEL			21 28			DENSE tan clean medium coarse moist SAND			10 13		
	737.10	_	20				717.10		18		
DENSE tan SANDY GRAVEL		-15	11 22				-	-35	27 31		
	734.60	_	19			End of Boring	714.60		40		
VERY DENSE tan SANDY GRAVEL		_	21 28								
	732.10		27								
		-20	11					-40			
The Unconfined Compressive Str The SPT (N value) is the sum of ti	ength (U he last tv	ICS) F vo bio	ailur w va	e Mod lues i	e is in 1 each	dicated by (B-Bulge, S-Shear, P-Pe sampling zone (AASHTO T206)	netrome	eter)			

Illinois Departr of Transportat	ior		500	<b>SC</b> 2-007-9	
ROUTE FAP 303 DE					
SECTION 129R		LOC	ATION	_, SEC	
COUNTY Winnebago DRILLING	-	Hol			
STRUCT. NOStation	D E P T	B L O W	U C S	M 0 1 5	
BORING NO. B-1j   Station 39' S of IL 173 CL   Offset 143.00ft E Perryville Road CL	Ĥ	S	Qu	T	
Ground Surface Elev. 775.4 ft MEDIUM brown LOAM	(ft)	(/6")	(tsf)	(%)	
VERY STIFF tan SANDY LOAM			0.5 P	14	
771.90		4 5 6	2.3 P	10	
VERY STIFF brown SANDY LOAM 769.40	-5	5 3 7	2.1 P	21	
MEDIUM brown SILTY CLAY LOAM		3 4 5	0.8 P	28	
766.40					
DENSE tan weathered LIMESTONE	-10	2 7 26			
763.90	_				
VERY SOFT tan SANDY LOAM	-	4 2 3	0.2 P	12	
761.40					
MEDIUM tan fine moist SAND	-15	2 12 14			
DENSE tan SANDY GRAVEL		11 23 23			
DENSE tan SANDY GRAVEL	-20	11			

FILE NAME =	USER NAME = Elgin 110	DESIGNED -	REVISED -			SIGNAL STRUCTURE		F.A.P.	SECTION	COUNTY TOTAL SHEET
\ZØØ793LOGS_SIGNALS.dgn		DRAWN - JAU	REVISED -	STATE OF ILLINOIS				303	129R	WINNEBAGO 968 679
	PLOT SCALE = 2.0000 ' / IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		SOIL BORING LOGS				CONTRACT NO. 64988
THE UPCHURCH GROUP, INC.	PLOT DATE = 5/2/2013 1:06:58 PM	DATE - APRIL 30, 2013	REVISED -		SCALE:	SHEET NO. OF SHEETS STA.	TO STA.		ILLINOIS FED.	NID PROJECT

## OIL BORING LOG

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7-93 Traffic Signals, IL 173 @ Perryville Road

Date \_ 5/17/12 LOGGED BY W. Garza

EC., TWP., RNG.

lol	ow Stem Auger HAMMER	TYPE	C	<u>/IE-45</u>	Autom	atic
	Surface Water Elev Stream Bed Elev	_ft _ft	D E P	B L O	U C S	M 0 1
	Groundwater Elev.: First Encounter 755.9	ft 🕎	Т Н	W S	Qu	S T
)	After Hrs.	_ft _ft	(ft)	(/6")	(tsf)	(%)
1	DENSE tan SANDY GRAVEL (continued)	754.40		18 17		
,	DENSE tan fine SAND		_	12 21		
		751.90		27		
_	Wash		_	14		
	DENSE/VERY DENSE tan fine SAND		-25	21		
-		749.40		29		
-	VERY DENSE tan fine SAND			21		
3		746.90		35 69		
	Wash VERY DENSE tan well cemented SANDY GRAVEL		-30	56 100/5'		
	End of Boring	744.40				
-						
			-35			
			_			
_			_			
			-40			

BBS, from 137 (Rev. 8-99)

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)