SOIL BORING

of Transpo	partr ortati	ne ior	nt 1		SC	OIL BORING LO	G		Page	1	of
Division of Highways Illinois Department of Transportation ROUTEFAP 303 DESCRIPTION						nec	Date	5/1	5/15/12		
SECTION 129R LOG			LOC	ATION	. SE	JGG	CD 61	<u> </u>	<u> </u>		
						llow Stem Auger HAMMER	TYPE	CI	лЕ-45	Auton	natio
STRUCT. NO		D E P	B	U	M	Surface Water Elev. Stream Bed Elev.		D E	B L	n	M
BORING NO. B-1g	Road	T	O W S	S Qu	S T	Groundwater Elev.: First Encounter	ft	P T H	O W S	S Qu	S
Ground Surface Elev. 765.8 STIFF brown LOAM	ft	(ft)	(/6")	(tsf)	(%)	Upon Completion Hrs.	_ ft _ ft	(ft)	,	(tsf)	(%
OTH I BIOWIN EGAWI				1.5 P	2	VERY STIFF tan SANDY LOAM TILL (continued)	744.80		16 25	2.1 P	7
STIFF light brown SANDY LOAM	763.80 762.30		4 7 9	2.0 P	5	VERY STIFF tan SANDY LOAM TILL	742.30		23 32 30	2.1 P	9
STIFF tan SANDY LOAM		-5	7	1.1	6	VERY STIFF tan SANDY LOAM TILL with fine SAND lens	742.30		17	•	
	759.80		6	P P	0	THE WITH THE SAND TELLS	739.30	_	20 19	2.1 P	8
VERY STIFF tan SANDY LOAM	757.30		6 11 14	2.6 P	7	DENSE tan dirty SAND			12 14 19		
STIFF tan SANDY LOAM TILL		-10	35			STIFF tan SANDY LOAM TILL	736.80		14		
	754.80		22 21	1.5 P	7	OTHER MAIN SAME TELE	734.80	-30	15 14	2.0 P	11
VERY STIFF tan SANDY LOAM TILL	-		16 16	2.1	7	No Recovery			13 14		
OTIFF I CAMPAN TO THE	752.30 -		18	Р			732.30		20		
STIFF tan SANDY LOAM TILL Hard drilling	749.80	-15	13 14 15	1.8 P	7	VERY STIFF tan LOAM TILL with SAND lens	729.80	35	13 14 14	2.5 B	12
	_					End of Boring	123.00				
VERY STIFF tan SANDY LOAM TILL			10 15	2.8	8						

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)

26 P

747.30

BBS, from 137 (Rev. 8-99)

P	Illinois Department of Transportation Division of Highways Illinois Department of Transportation
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SOIL BORING LOG

MEDIUM tan fine SAND

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

Date 5/17/12

12 14

739.00

731.00

D92-007-93 Traffic Signals, IL 173 @ Forest Hills ROUTE FAP 303 DESCRIPTION LOGGED BY W. Garza SECTION 129R _ LOCATION _, SEC. , TWP. , RNG.

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE ___CME-45 Automatic STRUCT, NO. D E P L С L O C S Stream Bed Elev. 0 S BORING NO. W T W Groundwater Elev.: 80' N of IL 173 CL Station H S Qu T Station 80 N OT IL 1/3 CL
Offset 67.00ft E CL Forest Hills Road
Ground Surface Elev. 760.0 ft (ft) (/6") (tsf) (%) Qu First Encounter 745.5 ft **▼ Upon Completion** Wash ft After (ft) (/6") (tsf) (%) __ Hrs. DRY brown SILTY CLAY LOAM

758.00 STIFF brown SILTY LOAM MEDIUM tan fine SAND 2 2 1.0 26 10 5 Р 756.50 15 736.00 MEDIUM brown SILTY CLAY 3 HARD tan SILTY CLAY 11 -25 2 0.6 23 12 4.5 4 Р 19 Р 753.50 733.50 VERY LOOSE tan fine SAND DENSE tan fine SAND 17 751.50 3 21

MEDIUM tan fine SAND Wash HARD gray SILTY CLAY with SANDY GRAVEL lens ₋₃₀ 10 25 7.0 12 749.00 46 S 729.00 MEDIUM tan clean medium coarse moist SAND Wash STIFF gray SANDY LOAM TILL 19 2.0 9 22 P 746.50 726.50

MEDIUM tan SANDY GRAVEL STIFF gray SANDY LOAM TILL ₋₃₅ 18 _-15 10 29 1.8 10 744.00 39 Ρ End of Boring MEDIUM tan SANDY GRAVEL 11 741.50

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)

15

FILE NAME =	USER NAME = Elgin 110	DESIGNED -	REVISED -				SIGN	AI STR	UCTURE		F.A.P.	SECTION	COUNTY	TOTAL SHE	EET
\Z00793L0GS_SIGNALS.dgn		DRAWN - JAU	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS						303	129R	WINNEBAGO	968 67	78
THE HEALTHEAN ADOLES INC.	PLOT SCALE = 2.00000 '/ IN.	CHECKED -	REVISED -						u LUUS				CONTRAC	T NO. 6498	88
THE UPCHURCH GROUP, INC.	PLOT DATE = 5/2/2013 1:06:39 PM	DATE - APRIL 30, 2013	REVISED -		SCALE:	SHEET NO.	OF	SHEET		TO STA.		ILLINOIS FED. A	AID PROJECT		

MEDIUM tan fine SAND