(W)	Illinois Department of Transportation

SOIL BORING LOG

Date <u>8/11/08</u>

Page 1 of 2 Illinois Department of Transportation

SOIL BORING LOG

P92-030-09 BR 20 over the CC&P R.R., .1 m. E. of S. Hollywood Road

LOCATION Silver Creek Twp. - 4 NE, SEC. , TWP. 26N, RNG. 8E

DENSE gray clean medium coarse SAND

MEDIUM/DENSE gray clean medium coarse SAND

VERY DENSE gray clean medium coarse SAND

1 2 0.6 29 Wash DENSE gray clean medium coarse SAND

2 2 Wash DENSE gray clean medium coarse SAND

Illinois Department of Transportation

Page <u>2</u> of <u>2</u>

Date 8/11/08

LOGGED BY W. Garza

(ft) (/6") (tsf) (%)

20 20

15 22

23

32

HAMMER TYPE B-53 Diedrich Automatic

71.0 ft

54.9 ft ▼ _____ Wash_ ft

38.40

35.90

30.90

28.40

SOIL BORING LOG

Page <u>1</u> of <u>2</u>

Date <u>8/12/08</u> LOGGED BY W. Garza

P92-030-09 BR 20 over the CC&P R.R., .1 m. E. of S. Hollywood Road FAP 5 DESCRIPTION

SECTION 19 VB-1			LOCAT	ION	Cilum	Creek Twp 4 NE, SEC. , TWP. 26N	I DNC	0.			
COUNTY Stephenson DRIL	LING M	METHO	D	_	Hol	llow Stem Auger HAMMER TYP	E	B-53	Diedri	ch Aut	oma
STRUCT. NO. Station BORING NO. B-2 Station 38+38 Offset 28.00ff Rt CL Ground Surface Elev. 98.8		D E P T H	B L O W S (/6")	U C S Qu (tsf)	M 0 - S T (%)	Stream Bed Elev. 71.0	ft <u>▼</u>	D E P T H	B L O W S	U C S Qu (tsf)	M 0 1 S T
10" Asphalt Shoulder		_		1.0	19	VERY STIFF brown SANDY LOAM		_	12	3.5	11
STIFF brown SILTY CLAY LOAM		_		P	1.0		77.30	_	20	P	l
	96.80							_			
DENSE brown SANDY GRAVEL	94.80	_	22 25 18			STIFF gray LOAM	74.80	_	3 8 10	1.7 S	17
	34.00	_					74.00	_			
DENSE brown dirty SAND & GRAVEL		5 _	14 20			VERY STIFF dark gray CLAY LOAM		-25	7 14	3.1	23
	92.30	_	12				72.30	_	15	В	<u> </u>
		_						_			
MEDIUM brown dirty SAND & GRAVEL	89.80	_	12 11 13			VERY STIFF dark gray SILTY CLAY LOAM	69.80	_	4 10 13	3.0 P	22
MEDIUM brown dirty LIMESTONE fill	87.30		13 13 15			HARD gray CLAY LOAM	67.30	-30	6 7 8	4.0 P	18
	07.50						07.50				
DENSE brown dirty LIMESTONE fill	84.80	_	6 17 19			VERY STIFF dark gray SILTY CLAY LOAM	64.80	_	3 8 12	3.7 B	20
	37100						04.00	$\overline{}$			
DENSE tan dirty LIMESTONE fill		-15	35			VERY STIFF gray CLAY LOAM		35	4		
DENSE INTI UITY CIMESTONE III	82.30	_	26 17			TENT SHIT GIGY CONT LOAM	62.30	_	8	3.9 S	23
		_						_			
DENSE gray dirty SAND		_	18 20 33			STIFF gray/brown SILTY CLAY LOAM	59.80	_	1 4 5	1.7 B	27
	79.30						00.00	_			
			1	1		II .			I	1	

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 1206).

BBS, from 137 (Rev. 8-99)

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ROUTE _	FAP 5 DESCRIPTION	N	of S. Hollywood Road	LOGGED BY	_W. G	Garza	ROUTEFAP_5	DESCRIPTION	P92-030-	-09 BR 20 over the CC& of S. Hollywood Roc
SECTION	19 VB-1 LC	OCATION _Silve	er Creek Twp 4 NE, SEC. , TWP. 26N,	RNG. 8E			SECTION19 VB-1	LOCAT	ION Silv	er Creek Twp 4 NE, S
COUNTY	Stephenson DRILLING METHOD	Н	ollow Stern Auger HAMMER TYPE	B-53 Die	drich Auto	omatic	COUNTY Stephenson DRI	LLING METHOD		ollow Stern Auger
	E	B U M L C O O S I	Surface Water Elev f Stream Bed Elev f	ft D B L P O	C	M 0 1	STRUCT. NO089-0007	D B E L P O	U M C O S I	Surface Water Elev. Stream Bed Elev.
Station	36+07 H	W S Qu T	Groundwater Elev.: First Encounter	ft T W S	Qu	S T	BC#MG No. B=1 Station JC#M7 Offset 23.60% 2	T W S	Qu S	Groundwater Elev.: First Encounter Upon Completion
Ground St Deck	urface Elev. 99.9 ft (ft) (/	/6") (tsf) (%)	After Hrs f	ft (ft) (/6) (tst)	(%)	Ground Surface Elev. STATE MEDIUM gray SILTY CLAY	新 [ff) (/6")	(tsf) (%)	After Hrs. DENSE gray clean med
	\exists			\exists			LOAM	3 4	0.9 30 B	
				ユ				58.40 4		1
							MEDIUM gray/brown SILTY CLAY	1		Wash
	-			\dashv			LOAM	55.90 - 2	0.6 29 B	DENSE gray clean med coarse SAND
	Ţ		Ground	75.40	+					1
			MEDIUM brown SILTY CLAY	-25	0.5	21	MEDIUM gray SILTY CLAY	2	0.5 31	Wash DENSE gray clean med
				73.40	P P	21	LOTA	53.40 2	0.5 31 B	coarse SAND
	_			-						
	\exists		VERY STIFF gray SILTY CLAY	5 8		19	MEDIUM gray LOAM with SAND lens	0	0.7 26	MEDIUM/DENSE gray of medium coarse SAND
				70.90 11				_ 1	В	
				-30				50.40 -50		
AIR	-		VERY STIFF gray SILTY CLAY	- 8		17	MEDIUM gray fine SAND	- 3		Wash VERY DENSE gray clear
	コ			68.40 13	S			48.40 8		coarse SAND End of Boring
			DENSE gray dirty SAND	9			Wash	3		
			DENSE gray unity sand	18		9	LOOSE gray fine SAND	3		
	_			65.90 18		-		45.90 6		-
			VERY STIFF dark gray SILTY	<u>-35</u>	+		DENSE gray clean medium	-55		_
			CLAY LOAM	8	3.5	22	coarse SAND	18		
				63.40 9	В	-		43.40 20		-
	-		SOFT dark gray SILTY CLAY	1			VERY DENSE gray clean medium	14		-
	コ		LOAM	50.90		30	coarse SAND	24		
	그			60.90 1	+ +	\dashv		40.90 29		1
	-20			-40				-60		

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 1206)

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).

In the above logs, groundwater elevations are at the time the boring was taken.

Soil Boring Log Station and Elevation Shift Boring Log Station + 39515.05' = Plan Set Station Boring Log Elevation + 689.35' = Plan Set Elevation

.7.7	1170 SOUTH HOUBOLT ROAD	U	
54	JOLIET, ILLINOIS 60431		
STRAND	(815) 744-4200	Р	
ASSOCIATES DFPR NO. 184-001273			

AD	USER NAME = brianf	DESIGNED	KDH	REVISED	-
		CHECKED	AJS	REVISED	-
	PLOT SCALE =	DRAWN	BJF	REVISED	-
	PLOT DATE = 8/6/2012	CHECKED	RRD	REVISED	-