(W)	Illinois Department of Transportation

SOIL BORING LOG

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SECTION

STRUCT. NO.

BORING NO.

Offset

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation

19 VB-1

Stephenson DRILLING METHOD

B-3 36+72

Ground Surface Elev. 99.9

DESCRIPTION

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SOIL BORING LOG

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

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

Hollow Stern Auger M Surface Water Elev.

Stream Bed Elev.

Groundwater Elev.: First Encounter

Upon Completion After \_\_\_\_ Hrs

MEDIUM brown LOAM

MEDIUM brown dirty SAND

HARD brown LOAM

VERY STIFF tan LOAM

VERY STIFF gray SILTY CLAY

VERY STIFF gray SILTY CLAY

VERY STIFF gray SILTY CLAY

Date <u>8/13/08</u>

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

9 4.7 17 - 9 4.7 S

9 2.1 15

2 6 2.5 14 9 B

- 6 2.5 23 10 B

4 2.9 24 - 4 2.9 8 B

0.5 13

HAMMER TYPE B-53 Diedrich Automatic

52.4 ft <u>▼</u>

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SOIL BORING LOG

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Date <u>8/13/08</u>

ROUTEFAP_5	DESCRIPTION	P92-030-0	of S. Hollywood Road	LOGGED	BY	W. Gar
SECTION 19 VB-1	LOCAT	TION Silver	r Creek Twp 4 NE, SEC. , TWP. 26N,	RNG. 8E		
COUNTY Stephenson	ORILLING METHOD	Но	Ilow Stem Auger HAMMER TYPE	B-53	5 Diedrie	ch Autom
STRUCT. NO.   Station	P 0 T W H S	U M C O S I S S Qu T (tst) (%)	Surface Water Elev.	P T H	B L O W S (/6") 6 15 28	U C S Qu (tsf) (
MEDIUM groy/brown SILTY CLAY LOAM	55.90 4	0.4 B		55.90		
MEDIUM gray SILTY CLAY with SAND lens	-45 -1 2 -2 52.90	0.9 27 B	Wash DENSE gray clean medium coarse SAND with medium GRAYEL	53.40	10 17 22	
LOOSE gray fine SAND	50.90			50.90		
Wash LOOSE gray fine SAND — top 6 Inches washed out	1 1 3		VERY DENSE gray clean medium coarse SAND with medium GRAVEL	28.40	19 25 33	
	45.90			25.90		
MEDIUM gray clean medium coarse SAND	-55 - 5 - 5 43.40 9		Wash VERY DENSE gray dirty SAND & GRAVEL		25 33 33	
	40.90		End of Boring			
	-60	1 1	II	-80	4	

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)

Division of Highweys Illinois Department of Transporter	flon			Date <u>8/12/08</u>
ROUTEFAP_5	DESCRIPTION	P92-030-	09 BR 20 over the CC&P R.R., .1 m. E of S. Hollywood Road	LOGGED BY <u>W. Garza</u>
SECTION 19 VB-1	LOCA	LOCATION Silver Creek Twp 4 NE, SEC. , TWP. 26N, RNG. 8E		
COUNTYStephenson DRI	LLING METHOD	Но	ollow Stern Auger HAMMER TYPE	B-53 Diedrich Automatic
STRUCT. NO.   Station	H (ff) (/6")	U M C O S I S S Qu T (tsf) (%)	Surface Water Elev.	ff F C C O S I T W S S H S Qu T T C M S I T W S C M S S M S M S M S M S M S M S M S M
MEDIUM brown SILTY CLAY LOAM	57.30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.9 27 B	-	34.80
MEDIUM gray SILTY CLAY	-45 0 1 3	0.9 24 B	Wash VERY DENSE gray clean medium coarse SAND	-65 15 23 32.30 28
VERY LOOSE gray clean medium coarse SAND	49.80 0		-	29.80
MEDIUM gray clean medium coarse SAND	-50 - 2 - 3 47.30 8		Wash DENSE gray clean medium coarse SAND with medium GRAVEL End of Boring	70 13 15 27.30 26
	44.80		- In or soming	
Wash DENSE gray clean medium coarse SAND	9 15 19			
	39.80		-	-80

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)

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 T205)

BBS, from 137 (Rev. 8-99)

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



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