## **SOIL BORING LOG**

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	IDOT			200	040.0			Date	4/28/06
ROUTE	FAP 585	_ DESCI	RIPTIO	P92 N <u>1.0 n</u>	-049-0 1. W. o	6 IL 92 bridge over Ma of IL 78, 3/4 m. W. of Co	in Union Ditch, untryman Road	LOGGED BY_	W. Garza
ECTION	128 BR	· ·	LOC	ATION	York	town Twp 7 SE, SEC.	, TWP. 18N, RN	G. 5E	
OUNTY	Henry DR	ILLING M	ETHOD	)	Hol	low Stem Auger	HAMMER TYP	E B-53 Diedrich	Automati
STRUCT. NO. Station  SORING NO. Station	470+54 B-1 471+05 14.00ft Lt CL	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion	88.6 ft 87.4 ft		
Wash MEDIUM/DEN	SE gray fine SAND	17.90	1 10 20						
Wash VERY DENSE	gray fine SAND	15.40	11 36 64						
			55						
		-  -  	95					·	

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)

Illinois Department of Transportation Division of Highways

## **SOIL BORING LOG**

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Date \_\_\_5/4/06

ROUTE FAP 585	P92-049-0	06 IL 92 bridge over Main Union Ditch, 1.0 m. W. of IL 78 on IL 92	LOGGED BY W. Garza
*		AND ADDRESS AND AD	
COUNTY Henry DR	ING METHOD Hol	town Twp 7 SE, SEC. TWP. 18N, RNG	B-53 Diedrich Automatic
STRUCT. NO	D B U M E L C O P O S I T W S	Surface Water Elev. 88.6 ft Stream Bed Elev. 87.4 ft  Groundwater Elev.:	D B U M E L C O P O S I T W S
BORING NO.         B-2           Station         469+97           Offset         16.00ft Rt CL           Ground Surface Elev.         99.4	H S Qu T  (ft) (/6") (tsf) (%)	First Encounter 86.4 ft Upon Completion Wash ft After Hrs.	H S Qu T (ft) (/6") (tsf) (%)
MEDIUM dark brown SILTY CLAY LOAM with 15% ORGANICS		MEDIUM gray fine SAND 77.9	0 8 8 11
STIFF dark brown SILTY CLAY LOAM	.90	MEDIUM gray clean medium coarse SAND 75.4	8 8 12
MEDIUM gray/brown LOAM with 13% ORGANICS		MEDIUM gray fine SAND	
MEDIUM dark brown LOAM with 14% ORGANICS	1 0.6 51	70.4	
STIFF dark gray SILTY LOAM with 13% ORGANICS	1 1.0 49 2 B	Wash MEDIUM gray fine SAND	-30 - 5 - 12 - 13
LOOSE gray fine SAND	<u>▼</u> 2 2 40 3		
LOOSE gray fine SAND	.40 3	Wash MEDIUM gray fine SAND	0 -35 4 - 6 9
MEDIUM gray clean medium SAND	5 8 12	60.4	
	-20	60.4	-40

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)

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

1170 SOUTH HOUBOLT ROAD USER NAME = brienf DESIGNED MJD REVISED CHECKED AJS REVISED JOLIET, ILLINOIS 60431 PLOT SCALE = DRAWN BJF REVISED STRAND
ABBODIATES, INC.
ENGINEERS PLOT DATE = 7/19/2011 CHECKED RRD REVISED

Soil Boring Log Station and Elevation Shift Boring Log Station + 15513.67' = Plan Set Station Boring Log Elevation + 512.02' = Plan Set Elevation STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

SOIL BORING LOG (SHEET 2 OF 3) STRUCTURE NO. 037-0174 SHEET NO. 19 OF 20 SHEETS

SECTION HENRY 106 63 585 CONTRACT NO. 64C20