



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 7/7/09

ROUTE FAP 22 DESCRIPTION P92-082-09 IL 78 Bridge over French Creek, 500' N. of French Creek Road LOGGED BY W. Garza
SECTION 15 BR-1 LOCATION Mt. Pleasant Twp. - 19NE, SEC., TWP. 21N, RNG. 5E
COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
098-0118 910+03					619.30				
BORING NO. <u>B-1</u>					Stream Bed Elev. <u>618.30</u>				
Station <u>909+52</u>					Groundwater Elev.: <u>609.1</u>				
Offset <u>41.00ft Rt. CL</u>					First Encounter <u>Wash</u>				
Ground Surface Elev. <u>621.60</u>					Upon Completion <u>ft</u>				
	(ft)	(/6")	(tsf)	(%)	After <u>Hrs.</u>	(ft)	(/6")	(tsf)	(%)
SOFB brown SILTY CLAY LOAM			0.3 P	19.0	SOFB gray SILT	1			
						1	0.3 P	31.0	
					600.10	4			
SOFB dark gray SILTY LOAM	1				VERY SOFB gray SILT	0			
	2	0.4 B	49.0			2	0.2 B	37.0	
	3				597.60	3			
MEDIUM gray SILTY CLAY LOAM	1				VERY SOFB gray SILTY LOAM	0			
	1	0.6 P	27.0			1	0.2 P	29.0	
	2				595.10	3			
VERY LOOSE gray dirty moist SAND	0				SOFB gray SILTY LOAM	0			
	1					1	0.3 P	31.0	
	2				592.10	2			
VERY LOOSE gray dirty SAND	0				VERY LOOSE gray fine SAND	0			
	1					0			
	1				589.60	0			
MEDIUM gray clean medium coarse SAND	2				LOOSE gray fine SAND with CLAY lens	0			
	3					2	0.5 P	29.0	
	13				587.10	4			
SOFB gray SAND with SILT lens	5				Wash	3			
	6	0.3 P	25.0		LOOSE gray fine SAND	3			
	5				585.10	4			
LOOSE/MEDIUM gray fine SAND	1				VERY LOOSE gray fine SAND with SILT lens	0			
	3					1			
	7				582.10	3			

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
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 7/7/09

ROUTE FAP 22 DESCRIPTION P92-082-09 IL 78 Bridge over French Creek, 500' N. of French Creek Road LOGGED BY W. Garza
SECTION 15 BR-1 LOCATION Mt. Pleasant Twp. - 19NE, SEC., TWP. 21N, RNG. 5E
COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
098-0118 910+03					619.30				
BORING NO. <u>B-1</u>					Stream Bed Elev. <u>618.30</u>				
Station <u>909+52</u>					Groundwater Elev.: <u>609.1</u>				
Offset <u>41.00ft Rt. CL</u>					First Encounter <u>Wash</u>				
Ground Surface Elev. <u>621.60</u>					Upon Completion <u>ft</u>				
	(ft)	(/6")	(tsf)	(%)	After <u>Hrs.</u>	(ft)	(/6")	(tsf)	(%)
MEDIUM gray CLAY with SILT lens	0				Wash	21			
	1	0.5 P	31.0		DENSE gray SANDY GRAVEL	25			
	2				560.10	18			
SOFB gray SILTY CLAY	0				Wash	13			
	1	0.3 P	29.0		DENSE gray SANDY GRAVEL	23			
	2				557.60	22			
MEDIUM gray clean medium coarse SAND	1				Wash	12			
	6				DENSE gray SANDY GRAVEL	12			
	9				555.10	23			
Wash	2				End of Boring				
DENSE gray SANDY GRAVEL	16								
	23								
DENSE gray SANDY GRAVEL	10								
	14								
	22								
Wash	14								
DENSE gray SANDY GRAVEL	19								
	18								
Wash	7								
DENSE gray SANDY GRAVEL	18								
	20								
Wash	15								
DENSE gray SANDY GRAVEL	20								
	22								

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)

COMPANY NAME: HR GREEN, INC.
PROJECT CONTACT: KEVIN J BREHM
CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
DATE PLOTTED: 9/13/2012 3:54:57 PM
FILE NAME: 0980118-6-6-F19-022-S22-SB.dgn
PLOT DRIVER: pdf_drv_no_level.plt
PEN TABLE: Illinois.pdf.tbl



USER NAME =	DESIGNED - MGH	REVISED
	CHECKED - KJB	REVISED
PLOT SCALE =	DRAWN - WJH	REVISED
PLOT DATE =	CHECKED - KJB	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 098-0118

SHEET NO. S-22 OF S-23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	15BR-1	WHITESIDE	146	80
CONTRACT NO. 64F19			ILLINOIS FED. AID PROJECT	