



SOIL BORING LOG

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Date 1/19/10

ROUTE Johnsburg Road DESCRIPTION On the road side of the bumper guard LOGGED BY AR

SECTION _____ LOCATION 865' east of Ivy Lane, SEC. 13, TWP. T45N, RNG. R8E

COUNTY McHenry DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.		D E P T H	B L O W S	U C S Qu	M O I S T
					ft	ft				
BORING NO. <u>B-3</u> Station <u>156+25</u> Offset <u>19.00ft Right</u> Ground Surface Elev. <u>760.10</u> ft										
8" Asphalt										
FILL; made with sandy gravelly Clay; damp; stiff										
		17								
		12								
		15								
SILTY CLAY LOAM; dark gray to gray; occasional stones; damp to moist; soft to medium stiff; (CL-ML) A-4										
		8								
		6								
		7								
		-5								
		2								
		2								
SAND with gravel; brown; moist to wet; (SP) - A-2-4										
		4								
		4								
		4								
		-10								
		4								
		4								
		4								
		2								
		1								
		2								
		-15								
Encountered water at 18 feet										
		1								
FINE SAND; brown; saturated; loose to very loose; (SP) A-1-b										
		2								
		1								
		-20								

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)



SOIL BORING LOG

Page 1 of 1

Date 1/19/10

ROUTE Johnsburg Road DESCRIPTION On the road side of the bumper guard LOGGED BY AR

SECTION _____ LOCATION 1015' east of Ivy Lane, SEC. 13, TWP. T45N, RNG. R8E

COUNTY McHenry DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.		D E P T H	B L O W S	U C S Qu	M O I S T
					ft	ft				
BORING NO. <u>B-4</u> Station <u>157+75</u> Offset <u>19.00ft Right</u> Ground Surface Elev. <u>760.50</u> ft										
9" Asphalt pavement										
FILL; made with gray brown gravelly sand; dense, damp										
		10								
		22								
		19								
SILTY CLAY LOAM with some stones; moist; medium stiff to stiff; (CL-ML) A-4										
		6								
		4								
		5								
		-6								
		7								
		6								
		5								
		4								
		4								
		5								
		-10								
		3								
		4								
		4								
		4								
		2								
		2								
		4								
		-15								
		2								
		1								
		2								
		3								
		3								
		-20								
Encountered water at 17 feet										
		2								
		3								
		3								
		-20								

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)

SOIL BORING LOGS
JOHNSBURG ROAD (FAU ROUTE 0168)
SECTION NO. 05-00314-00-WR
McHENRY COUNTY
STATION 155+99.19 TO STATION 158+09.19

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 12/19/2012 10:45:56 AM
FILE NAME: 080525-04-1200.dwg
PLOT DRIVER: perf_bur_no_level.ctb
PEN TABLE: s:\fontarch\traces.tbl

HRGreen.com Illinois Professional Design Firm # 184-01322	USER NAME = jattane DESIGNED - JPC CHECKED - RGD PLOT SCALE = PLOT DATE = 12/19/2012	REVISED - REVISED - REVISED - REVISED -	MCHEMRY COUNTY DIVISION OF TRANSPORTATION	SHEET NO. SB-04 OF SB-04 SHEETS	<table border="1"> <tr> <th>F.A. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>0168</td> <td>05-00314-00-WR</td> <td>MCHEMRY</td> <td>187</td> <td>129</td> </tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	0168	05-00314-00-WR	MCHEMRY	187	129
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.											
0168	05-00314-00-WR	MCHEMRY	187	129											

ILLINOIS FED. AID PROJECT #FEDPROJND#