Illinois Department of Transportation
Division of Highways
SAM Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

Date 1/19/10

ROUTE Johnsburg Road DESCRIPTION On South berm of Johnsburg Road LOGGED BY AR

SECTION LOCATION 245' west of Riverside Drive, SEC. 14, TWP. T45N, RNG. R8E

COUNTY McHenry DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. B-1
Station 129+75
Offset 22.00ft Right
Ground Surface Elev. 770.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt of road berm	770.30				
9" Gravel Base layer	769.55		30		
FILL - made with Brown Silty sandy Clay, damp, very dense			32 28		
	766.80		8		
SILTY CLAY LOAM; brown; damp to moist; stiff to very stiff - (CL-ML) - A-6		-5	32 30		
	764.80				
GRAVEL & STONES; very dense; damp; (GP) - A-2			31 20 21		
	762.80				
FINE SAND with Gravel; brown; damp, dense - (SP) - A-2-4			17 17 21		
	760.80	-10			
End of Boring		-15 -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)

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SOIL BORING LOG

Page 1 of 1

Date 1/19/10

ROUTE Johnsburg Road DESCRIPTION On South berm of Johnsburg Road LOGGED BY AR

SECTION LOCATION 170' west of Riverside Drive, SEC. 14, TWP. T45N, RNG. R8E

COUNTY McHenry DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. B-2
Station 130+50'
Offset 25.00ft Right
Ground Surface Elev. 764.70 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Road berm asphalt - 6" thick	764.20				
SAND with large (1/2 " diameter) stones; mediu dense to dense; (SP) - A- 1-b			29 22 21		
			3		
		-5	5 22		
			7		
	757.70		11 13		
FINE SAND; free of stones; damp; medium dense; (SP) A-1-a			7 7 9		
	754.70	-10			
End of Boring		-15 -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 129+45.21 TO STATION 130+65.17

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 12/19/2012 3:18:11 PM
FILE NAME: 088622-ret-01c.dgn
PLOT DRIVER: pdf.pw_no_levelpt.cfg
PEN TABLE: standard-trans.tbl

HRGreen
HRGreen.com
Illinois Professional Design Firm # 184-001322

USER NAME = jattene	DESIGNED - JPG	REVISED -	
	CHECKED - RGD	REVISED -	
PLOT SCALE =	DRAWN - WJH	REVISED -	
PLOT DATE = 12/19/2012	CHECKED - 12/19/12	REVISED -	

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

SHEET NO. SA-04 OF SA-04 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0168	05-00314-00-WR	McHENRY	187	125

CONTRACT NO. 63515

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