

LOG OF BORING NO. B-2									
CLIENT		PROJECT							
SITE		STONERIDGE DRIVE BRIDGE OVER SPRING CREEK							
DESCRIPTION		DEPTH, ft.	USCS SYMBOL NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
Approx. 3" Asphalt Approx. 6" Concrete <b>FINE TO MEDIUM SAND</b> brown, loose to medium dense		0.25 0.75	SP 1	SS	10	13	5		
			HS						
			SP 2	SS	12	5	6		
			HS						
			SP 3	SS	10	7	5		
			HS						
<b>MEDIUM TO COARSE SAND WITH GRAVEL</b> brown, medium dense			SP 4	SS	13	18	11		
			HS						
Sample 5: No recovery from split-spoon sampler. An auger sample was obtained.			SP 5	AS	NR	11	10		
			HS						
<b>MEDIUM TO COARSE SAND WITH GRAVEL AND SILT</b> reddish brown to brown, medium dense			SP 6	SS	12	16	14		
			HS						
			SP 7	SS	13	18	16		
			HS						

Continued Next Page

The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. \*Calibrated Hand Penetrometer \*\*140 Lbs Automatic SPT Hammer

WATER LEVEL OBSERVATIONS, ft.		BORING STARTED 3-29-10	
WL 14	WD 14 AB	BORING COMPLETED 3-29-10	
EXHIBIT A-4		RIG 68 FOREMAN JA	
APPROVED		EDK JOB # 19105007	

LOG OF BORING NO. B-2									
CLIENT		PROJECT							
SITE		STONERIDGE DRIVE BRIDGE OVER SPRING CREEK							
DESCRIPTION		DEPTH, ft.	USCS SYMBOL NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
<b>COARSE SAND WITH GRAVEL</b> reddish brown to brown, medium dense		28.5	SP 8	SS	12	27	13		
			HS						
			SP 9	SS	10	27	11		
			HS						
<b>CLAYEY SILT</b> gray, dense		32.5	ML-CL 10	SS	12	36	22		
			HS						
<b>SILTY CLAY</b> gray, very stiff to hard		43.5	CL-ML 11	SS	14	38	20	8000*	
			HS						
			CL-ML 12	SS	12	21	21	6000*	
			HS						
			CL-ML 13	SS	13	22	23	7000*	

Continued Next Page

The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. \*Calibrated Hand Penetrometer \*\*140 Lbs Automatic SPT Hammer

WATER LEVEL OBSERVATIONS, ft.		BORING STARTED 3-29-10	
WL 14	WD 14 AB	BORING COMPLETED 3-29-10	
EXHIBIT A-4		RIG 68 FOREMAN JA	
APPROVED		EDK JOB # 19105007	

LOG OF BORING NO. B-2									
CLIENT		PROJECT							
SITE		STONERIDGE DRIVE BRIDGE OVER SPRING CREEK							
DESCRIPTION		DEPTH, ft.	USCS SYMBOL NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
continuation									
<b>SILTY CLAY</b> gray, very stiff to hard			CL-ML 14	SS	16	27	23	8000*	
			HS						
<b>FINE SAND</b> gray, medium dense		63.5	SP 15	SS	10	26	21		
			HS						
			SP 16	SS	12	25	20		
			HS						
			SP 17	SS	12	23	19		
			HS						
<b>BOTTOM OF BORING</b>		76							

The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. \*Calibrated Hand Penetrometer \*\*140 Lbs Automatic SPT Hammer

WATER LEVEL OBSERVATIONS, ft.		BORING STARTED 3-29-10	
WL 14	WD 14 AB	BORING COMPLETED 3-29-10	
EXHIBIT A-4		RIG 68 FOREMAN JA	
APPROVED		EDK JOB # 19105007	

COMPANY NAME: SEC GROUP, INC.  
 PROJECT CONTACT: Kevin Drift  
 CLIENT: City of Rockford  
 DATE PLOTTED: 12/16/2010 11:50:03 AM  
 FILE NAME: 86100020-sb1-02.dgn  
 PLOT DRIVER: PLOT.plt  
 PEA TABLE: s10andar-d-trans.tbl

**SEC Group, Inc.**  
 An ISO 9001 Certified Company  
 420 N. First Street  
 Rockford, IL 61103-0118  
 T 815.395.1779 F 815.395.1781  
 www.secgroupinc.com  
 \*McHenry, IL \*Rockford, IL \*New Lenox, IL \*Chicago, IL

USER NAME = whoad	DESIGNED - JMW	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RGD	REVISED -
PLOT DATE = 12/16/2010	DRAWN - RCB	REVISED -
	CHECKED - 12/16/10	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS  
 STONERIDGE DRIVE - S.N. 101-6011**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00559-00-BR	WINNEBAGO	21	19
CONTRACT NO. 85528			ILLINOIS FED. AID PROJECT	