SOIL AND MATERIAL CONSULTANTS, INC.

File No. 15635 **BORING LOG** 2

Client ROBERT H. ANDERSON & ASSOC.,INC. Sheet 1 of 2

Comments Pier 5 Project Aurora Bike Path Date 11/23/99

N 350, 718.4080 Location Aurora, IL Drilled By R & S

E 1, 714.8400 Equipment ☐CME 45B ☐H.A. ☐Other Logged By DA

Elev., ft.	Description	Depth, ft.	S	T	R	B	N	Pen.	W	Uw	Qu
619.8'	Black silt,some clay,trace sand & roots,damp	0									
	Brown fine-medium sand,some gravel, trace coarse sand & silt,damp, medium dense		1	SS	12"	6 10 10	20		8.3		
616.3'	Brown fine sand,trace medium-coarse sand & gravel,damp-saturated,medium dense	5	2	SS	11"	10 11 17	28		13.6		
614.3'	Brown fine-medium sand,some gravel, trace coarse sand & silt,very damp, dense		3	SS	4"	27 17 27 15	37		13.3		
611.8'	Gray fine-medium sand,some silt,trace coarse sand,gravel & clay,very damp medium dense		4			7 8			10.4		
610.3'	Gray clay & silt,trace sand & gravel,damp,tough	10	5	SS	12"	7	15	1.5	10.5		
609.3'	Gray limestone,some sand,very damp, very dense (extremely weathered)		6	SS	4"	18 50-4"	50+		7.1		
						50-4"					
604.8'		15	7	SS	0"		50+				
	Gray Limestone RQD = 77% (good)										
	El. 602.3' Compressive Strength: 8,965 psi Unit Weight: 168.5 pcf	20									

Water Level — depth, ft. elev., ft.
- while drilling: 4.0 615.8
- after drilling:
- hrs. after drilling:

S - sample T - type: J(Jar), SS(split-spoon), ST(shelby tube) R - recovery length, in.
B - Standard Penetration Test (SPT), blows/ 6" interval. W - water content, %.
N - SPT, blows/ foot to drive 2" O.D. split-spoon sampler with 140 lb. hammer falling 30".
Pen. - pocket penetrometer reading, tons/ sq. ft.. Uw - dry unit weight of soil, lbs./ cu.ft.
Qu - unconfined compressive strength, tons./ sq. ft..

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SOIL AND MATERIAL CONSULTANTS, INC.

File No. 15635 **BORING LOG** 2

Client ROBERT H. ANDERSON & ASSOC.,INC. Sheet 2 of 2

Comments Pier 5 Project Aurora Bike Path Date 11/23/99

Location Aurora, IL Drilled By R & S

Equipment ☐CME 45B ☐H.A. ☐Other Logged By DA

Elev., ft.	Description	Depth, ft.	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray limestone RQD = 77% (good)	20 25									
	El. 592.3' Compressive Strength: 8,090 psi Unit Weight: 167.9 pcf	30									
588.8	End of Boring	35									
		40									

Water Level — depth, ft. elev., ft.
- while drilling: 4.0 615.8
- after drilling:
- hrs. after drilling:

S - sample T - type: J(Jar), SS(split-spoon), ST(shelby tube) R - recovery length, in.
B - Standard Penetration Test (SPT), blows/ 6" interval. W - water content, %.
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Qu - unconfined compressive strength, tons./ sq. ft..

F-111b

SOIL BORING LOGS II
BICYCLE BRIDGE OVER FOX RIVER

DESIGNED -	DLS
CHECKED -	AEU
DRAWN -	AWH
CHECKED -	DLS

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

SHEET NO. 20
24 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-06-BT	KANE	58	41
		CONTRACT NO. 63517		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = 12/20/2010
FILE NAME = P:\CBBEL WEST Projects\2009\123148 FoxRvrTr-Phil\Structural\Dgn\Final_Plans\BikeBridge-020-SoilBoring02.dgn