

File No. 15635 BORING LOG 4

Client ROBERT H. ANDERSON &amp; ASSOC. INC. Sheet 1 of 3

Comments Pier 9 Project Aurora Bike Path Date 11/20/99

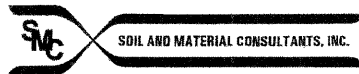
35' N.E. of N 350, 862.0360 Location Aurora, IL Drilled By R &amp; S

E 1, 972.2220 Equipment  CME 45B  H.A.  Other Logged By DA

Elev. ft.	Description	Depth, ft.	0	S	T	R	B	N	Pen.	W	Uw	Qu
636.6	Gray fine sand, trace sand & gravel, damp, loose - Fill											
635.1'		1								25.5		
	Brown-black cinders, trace sand & gravel, damp, loose to very loose - Fill	2	SS	12"				8		2.2		
		5								7.5		
		4	SS	10"				5		12.0		
		10	5	SS	6"			2		9.5		
		6	SS	9"				3		5.4		
623.1'		15	7	SS	10"			7		9.1		
	Brown-black cinders, trace sand & gravel, damp, loose to medium dense Fill											
		8	SS	12"				13		19.1		
617.6'		20	9	SS	14"			6		46.0		

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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File No. 15635 BORING LOG 4

Client ROBERT H. ANDERSON &amp; ASSOC., INC. Sheet 2 of 3

Comments Project Aurora Bike Path Date 11/20/99

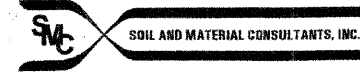
Location Aurora, IL Drilled By R &amp; S

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

Elev. ft.	Description	Depth, ft.	20	S	T	R	B	N	Pen.	W	Uw	Qu
616.1'(a)	see page 3 of 3											
	Gray silt, some fine sand, trace clay & organic matter, very damp, loose	10								42.4		
		11	SS	13"				17		24.5		
	Gray medium-coarse sand & gravel, some fine sand, very damp-saturated, medium dense to very dense (probable cobbles and boulders)						50-3"					
		25	12	SS	3"			50+		12.4		
							47					
							50-4"					
		13	SS	0"				50+				
							50-3"					
		30	14	SS	7"			50+		13.8		
	Gray clay & silt, trace sand											
605.6'							20					
							35					
	Gray medium-coarse sand & gravel, some fine sand, saturated (probable cobbles and boulders)	15	SS	0"			50-2"	85+		11.9		
601.6'		35										
	Gray clay & silt, some fine sand											
600.6'												
	Gray limestone (extremely weathered)											
598.1'												
	Gray limestone											
	RQD = 58% (fair)	40										

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 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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File No. 15635 BORING LOG 4

Client ROBERT H. ANDERSON &amp; ASSOC., INC. Sheet 3 of 3

Comments Project Aurora Bike Patch Date 11/20/99

Location Aurora, IL Drilled By R &amp; S

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

Elev. ft.	Description	Depth, ft.	40	S	T	R	B	N	Pen.	W	Uw	Qu
	Gray Limestone											
	RQD = 58% (fair)											
	EI. 592.6'											
	Compressive Strength: 9,880 psi											
	Unit Weight: 173.3 pcf											
588.1'												
	End of Boring											
	(a) Brown-gray-black silt, some clay, trace sand & gravel, damp, loose - Fill	50										
		55										
		60										

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



116 West Main Street, Suite 201  
 St. Charles, Illinois 60174  
 (630) 443-7755

SHEET NO. 22

24 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-06-BT	KANE	58	43
CONTRACT NO. 63517				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SOIL BORING LOGS IV  
 BICYCLE BRIDGE OVER FOX RIVER