

PROJECT		IL. 31 - Algonquin Bypass		BRIDGE		Mainline Route 31		DATE		12/30/08, 12/31/08	
ROUTE		IL. Route 31 at IL. Route 62		BORED BY		SPE		SECTION		STATION 131+50 to 133+20	
CHECKED BY		WJW		GROUND SURFACE EL.		753.0		WATER LEVEL DURING DRILLING		11.0'	
COUNTY		McHenry		BORING		BB-1		STATION		133+45	
OFFSET		26' L of CL		Rotary Mud Drilling, Hole Grouted at Completion				Depth		N/6" Qu tsf W %	
3" GRAVEL over Brown Clay LOAM to LOAM, A-6: FILL	753.0	3	-	12	Pinkish-Grey Clay LOAM A-6, hard	733.0	9	6.01	12		
Black Clay LOAM, A-7-6, stiff	750.0	3	1.28	26	Grey to very stiff		9	4.73	12		
Brown Silty Clay LOAM, A-6, stiff	747.5	3	1.24	28			11	4.22	12		
Brown Gravelly LOAM, A-2-4	743.7	3	-	16			7	3.91	12		
Brown SAND and GRAVEL, A-1	742.5	11	-	13			6	3.68	13		
dense to medium dense occasional Cobbles and Boulders		4	-	9			10				
Grey		7	-	8			14				
		12	-	8			5	2.75	14		
		16	-	8			10				
		34	-	8			14				
						continued					

BORING		BB-1		Depth		N/6" Qu tsf W %		Description		Elevation	
CONTINUED											
		7	2.69	14	Pinkish-Grey Clay LOAM, A-6, very stiff	713.0	17	-	19	Grey SAND and GRAVEL, A-1, dense	688.0
		12					26				
		17					26				
										Grey Gravelly Sand LOAM, A-4	681.0
		5	2.75	14			19	-	10		
		9					23				
		12					19				
										Grey Dolomite Bedrock, moderately weathered, fine to medium grained, medium horizontal bedding with frequent horizontal fractures, moderately porous	677.0
		8	1.12	76	Dark Brown to Black Organic PEAT, A-8, compressed, stiff	701.3	80				
		16									
		25									
										Core Run 1 Recovery = 98% RQD = 58%	
		6		20	Blueish-Grey Organic SILT, A-8	696.5	85				
		7		18							
		15			Grey SAND, A-2, medium dense	694.0	85				
										End of Boring @ 86.0'	667.0
		10		19	Grey SAND and GRAVEL, A-1, dense	689.5	90				
		17									
		21									

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DRAWN	- M. LANGE	REVISED	-
DESIGNED	- D. ATKINS	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 5/3/2012	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS I
ILLINOIS ROUTE 31 OVER ALGONQUIN ROAD
STRUCTURE NO. 056-0081
 SHEET NO. SB29 OF SB32 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	522
CONTRACT NO. 60F72				
ILLINOIS FED. AID PROJECT				