

PROJECT		IL. 31 - Algonquin Bypass		BRIDGE		Mainline Route 31		DATE		12/24/09, 12/30/09	
ROUTE		IL. Route 31 at IL. Route 62		BORED BY		SPE		SECTION		STATION 131+50 to 133+20	
COUNTY		McHenry		CHECKED BY		WJW		WATER LEVEL DURING DRILLING		5.5'	
BORING		BB-4		Rotary Mud Drilling, Hole Grouted at Completion		Depth		N/6"		Qu tsf W %	
STATION		130+75		Depth		N/6"		Qu tsf W %		Ground Surface EL.	
OFFSET		39' R of CL		Ft		Ft		Ft		Ft	
Brown SAND and GRAVEL, A-1: FILL		746.0		Brown-Grey Clay LOAM, A-6, very stiff		726.0					
Dark Grey to Black Silty Clay LOAM, A-6: FILL, stiff		743.0									
Brown SAND and GRAVEL A-1, wet, medium dense to dense		740.5									
Brown-Grey Clay LOAM, A-6, very stiff		730.5									
Grey and Brown Clay LOAM, A-6(6)* continued											

BORING		BB-4		Depth		N/6"		Qu tsf W %		Depth		N/6"		Qu tsf W %	
CONTINUED		706.0		Ft		Ft		Ft		Ft		Ft		Ft	
Brown-Grey Clay LOAM, A-6(6)*, very stiff		706.0		Grey SAND and GRAVEL, A-1, medium dense		681.0									
Grey SAND and GRAVEL, A-2, medium dense		699.2		Grey Dolomite Bedrock moderately to highly weathered, fine to medium grained, medium horizontal bedding, numerous horizontal fractures with frequent vertical fractures, moderately porous		673.0									
Brown-Grey Clay LOAM, A-6, stiff		694.0		Core Run 1 Recovery = 99% RQD = 43%											
Brown Sandy Clay LOAM, A-6 to A-4, medium dense		690.0		End of Boring @ 83.0'		663.0									
Grey Sandy Clay LOAM, A-4		686.0													
Grey SAND and GRAVEL, A-1, dense		684.3													

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