PROJECT IL. 31 - Algonquin Bypass | BRIDGE Mainline Route 31 | DATE 1/5/09

ROUTE IL. Route 31 at IL. Route 62 | BORED BY SPE

SECTION | STATION 131+50 to 133+20 | CHECKED BY WJW

COUNTY McHenry

BORING BB-2

STATION 133+23

OFFSET 19' R of CL

GROUND SURFACE EL. 752.9

WATER LEVEL DURING DRILLING 10.5'

Rotary Mud Drilling, Hole Grouted at Completion

Depth	N/6"	Qu tsf	W %
Ft			
Brown and Yellow-Brown Silty Clay LOAM, A-6: FILL, stiff			
	5 4 5	1.36 B	12
Black Clay LOAM, A-7-6, stiff 749.9			
	2 3 4	1.0 P	29
Brown Clay LOAM, A-6, stiff 746.4			
	2 5 6	2.24 B	23
Brown and Grey mottled Silty CLAY, A-6, stiff 744.9			
	3 3 6	1.61 B	31
Brown SAND (f-c) and GRAVEL, A-2, medium dense to dense 742.4			
	10 16 10	-	14
with occasional Cobbles and Boulders			
	10 16 19	-	17
	9 17 21	-	14
	10 16 20	-	9
Grey Clay LOAM, A-6, very stiff to hard 732.9			
	9 9 12	3.78 B	13
	9 13 24	4.34 B	12
	7 13 18	3.76 B	13
	7 12 17	2.78 BS	15
	5 7 14	2.95 B	14
	6 12 14	4.17 B	15
continued			

BORING BB-2

Depth	N/6"	Qu tsf	W %
CONTINUED			
Grey Clay LOAM A-6 712.9			
	6 9 14	3.33 B	16
	6 13 16	3.56 BS	15
Black Organic PEAT, A-8, very stiff, compressed 701.4			
	15 26 32	3.68 S 4.03 B	65 21
Blueish-Grey Organic Silty CLAY, A-7-6, hard 698.4			
	8 12 24	-	27
Grey Sand, A-2, dense 691.4			
	16 18 22	-	18
Grey SAND, A-2, dense 687.9			
	13 20 14	-	8
Grey SAND and GRAVEL, A-1, dense 683.6			
	17 36 50/4"	-	9
weathered Grey Dolomite Bedrock			
Top of Rock @ 75.5'			
End of Boring @ 76.0' 676.9			

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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 II
ILLINOIS ROUTE 31 OVER ALGONQUIN ROAD
STRUCTURE NO. 056-0081
SHEET NO. SB30 OF SB32 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	523
		CONTRACT NO. 60F72		
	ILLINOIS FED. AID PROJECT			

K:\b 5/2/2012 4:18:44 PM J:\2154\cad\sheet\Roadway\20-Structures & Walls\02-SN 056-0081\D56008I-60F72-30-BL.dgn