Legend

Silt
Sand
Medium sand
Coarse sand
Diamicton
Bedrock
Gravel/pebbles

pXRF Oak Ridges Moraine sediments
pXRF Silt - Clay rhymites
pXRF Newmarket Till
pXRF Thorncliffe Fm.
Fusion chemistry
LOD Limits of Detection
TOC Total Organic Carbon

Borehole:	Aurora	Easting:	626 120 m	Size Fraction:	<0.063 mm	Date Drilled:	March 1997
Location:	Aurora, ON	Northing:	4 871 860 m	Original Material:	Disaggregated, seived	Date Logged:	April 1997
Project:	Groundwater Assessment	UTM Zone:	17	Vial Window Material:	4 micron SpectroCertified Mylar polypropylene	Depth Drilled:	141 m
Study Area:	Oak Ridges Moraine	Datum:	NAD83	pXRF:	Niton XL3t GOLDD, 50-kV Cygnet X-ray tube	Method:	Mud Rotary/Wireline
				Dwell Time:	60 seconds per High, Main, and Low filter	Borehole diameter:	3.25 in
				Mode Type:	Soil Mode, Compton normalization		

CANADA 1842 GEOLOGICAL SURVEY - COMMISSION GÉOLOGIQUE

Aurora

Piezometer | Depth | Sediment Description | TOC

Oak Ridges Moraine sediments
Silt-clay rhythmites (~mm)
Silt-clay rhythmites (~cm)
Sand silt
Sand (boulder)
Gravel sand
Silt-clay (banded)
diamicton interbeds
Sand (silty)
Clay rhythmites (~3-5M)
Silt - Clay Rythmites
Sandy silt diamicton
Newmarket Till
Sand mod interbedded
Pebbly sand
Sand (laminated)
Sand
Gravelly sand
Gravel
Thorncliffe Formation
Sand (pebbly)
Gravel
Sand (pebbly)
Gravel
Sand (pebbly)
Gravel
Black shale
Whitby Formation

Unit 7
Unit 6
Unit 5
Unit 4
Unit 3
Unit 2
Unit 1

Sand (% 2000-63µm)
Silt (% 63-2µm)
Clay (% <2µm)
As
Ba
Ca
Cu
Fe
K
Mn
Ni
Rb
S
Sr
Th
Ti
U
V
Zn
Zr

LOD
ppm