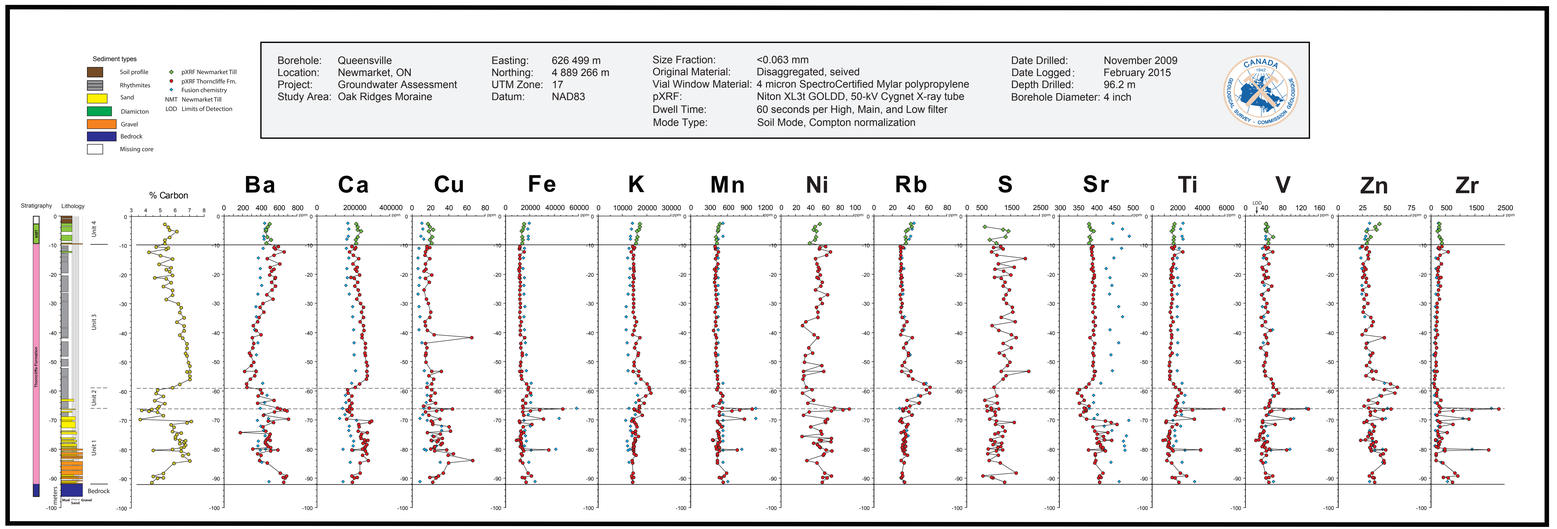
Sediment types
Soil profile
Rhythmites
Sand
Diamicton
Gravel
Bedrock
Missing core
pXRF Newmarket Till
pXRF Thorncliffe Fm.
Fusion chemistry
NMT Newmarket Till
LOD Limits of Detection
Borehole: Queensville
Location: Newmarket, ON
Project: Groundwater Assessment
Study Area: Oak Ridges Moraine
Easting: 626 499 m
Northing: 4 889 266 m
UTM Zone: 17
Datum: NAD83
Size Fraction: <0.063 mm
Original Material: Disaggregated, seived
Vial Window Material: 4 micron SpectroCertified Mylar polypropylene
pXRF: Niton XL3t GOLDD, 50-kV Cygnet X-ray tube
Dwell Time: 60 seconds per High, Main, and Low filter
Mode Type: Soil Mode, Compton normalization
Date Drilled: November 2009
Date Logged: February 2015
Depth Drilled: 96.2 m
Borehole Diameter: 4 inch
Stratigraphy
Lithology
% Carbon
Ba
Ca
Cu
Fe
K
Mn
Ni
Rb
S
Sr
Ti
V
Zn
Zr
Unit 4
Unit 3
Unit 2
Unit 1
Bedrock
meters