

Environmental Update

## XRF for On-Site Testing

While there are a variety of tools and practices that are helpful in understanding the environmental condition of a site, on-site testing is one of the most valuable.

The use of on-site testing for soil (and groundwater) **provides accurate, real-time results**, allowing field staff to confidently direct field work and communicate results without wasting any time or waiting for off-site lab tests. Ad-

ditionally, the data can be imported into analysis software to generate real-time site maps and cross-sections showing contaminant trends and information gaps. This means accurate, efficient environmental work on your site.

AEL recently purchased a brand new, state-of-the-art portable benchtop XRF unit to use in our on-site testing projects. This has been an exciting improvement in our testing capabilities because this model allows us to test for a wider range of metals in a shorter reading time.

We believe on-site testing will be a key resource in protecting Ontario's environment and allowing site owners to confidently manage their environmental liability.

Visit aelenv.com/resources.html for more tips for managing environmental liability. If you'd like to learn more about on-site testing, contact Natasha in our office (nmoes@aelenv.com).