



PXRF Trace Metal Screening



Portable X-ray fluorescence analyzers provide reliable, cost-effective, and timely onsite soil screening of lead, arsenic, and other potentially problematic trace metals in soils, enabling rapid and comprehensive investigations to help determine best management practices. PXRF is ideal at assessing spatial variability and locating any “hot spots,” and avoids the loss of time and resources collecting and processing aggregated or non-representative samples and running up excessive lab costs.

Elements of Interest

| | | |
|----|----|----|
| Mg | Mn | Sr |
| Al | Fe | Zr |
| Si | Co | Mo |
| P | Ni | Ag |
| S | Cu | Cd |
| Cl | Zn | Sn |
| K | Ga | Sb |
| Ca | As | Ba |
| Ti | Se | Hg |
| Cr | Br | Tl |
| V | Rb | Pb |

Applications

- Urban Agriculture
- Community Gardens
- Sediments
- Fill material
- Soil amendments
- Compost
- Wood

