ICP-MS & XRF
The ICP-MS & XRF unit forms part of the Stellenbosch University’s Central Analytical Facilities, where specialised analytical equipment is managed by experienced staff scientists to provide exceptional analytical solutions to research and development, in both academic and industry environments. We perform elemental and selected isotopic analysis on solution and solid samples via a range of methods.

**Our Services**

**U-(Th)-Pb Laser Ablation ICP-MS** dating of single minerals (e.g. zircon, rutile, monazite; methods being developed for apatite, xenotime, baddeleyite), for detrital studies as well as igneous and metamorphic petrology applications.

**XRF** to determine major oxides and minor trace elements in soil and rock samples

**LA ICP-MS** to measure bulk traces on fused material or in-situ trace elements in minerals

**CHNS analysis** on soil and organic material via an Elemental Analyzer

We guarantee fast turn-around times at competitive rates. We also offer attractive rates for more comprehensive services e.g. bulk-rock major and trace elements combined with geochronology analysis. Feel free to contact us to discuss your specific needs.