



STRICT PROCEDURES = QUALITY PERFORMANCE

Minopex leading-edge Quality Laboratory Services ensure the strictest measures are taken in order to provide our clients with service excellence. Our range of expertise encompasses everything from mineral samples, to waste water and potable water treatment, to microbiological analysis. The laboratory is SANAS ISO 17025 accredited, ensuring strict procedures are in place to prevent contamination and to provide reliable results.



GETTING DOWN TO THE NITTY-GRITTY

Metallurgical and smelter samples

As part of our holistic sampling services, we conduct the analysis of mining, metallurgical and smelter samples:

- 4E (PGM)*
- Chromium*
- Base metals
- 6E (Nickel Sulphide collection)*
- Iron*
- Sample preparation*
- Screening
- Silicon
- All other metal analysis
- Moisture determination
- Sulphur
- Chemical and microbiological analysis*



EVERY DROP COUNTS

Waste and potable water

Our team of experts conduct thorough analysis of wastewater, drinking water, swimming pool water, rivers and boreholes, as well as provide the following services:

- Operation and Management
- Monitoring Programs
- Process Problem-Solving
- Process Control

Continued overleaf



**CODED
CONFIDENTIALITY**

Microbiological samples

On receipt, incoming samples are given a coded reference number via LIMS, results are emailed to you or you can log into LIMS to retrieve your results to ensure confidentiality.

Samples are tested as follows:

- Sludge Volume Index
- Colour
- Turbidity
- Settleable Solids
- Total Hardness
- Magnesium Hardness
- Hexavalent Chromium
- Chemical Oxygen Demand
- Oxygen Absorbed
- Oil and Grease
- Phenols
- Mixed Liquor Suspended Solids
- Conductivity
- Metal in Water
- Ca*
- Mg*
- pH
- Chloride*
- Alkalinity
- Nitrate Nitrogen*
- Orthophosphate*
- Total Phosphorus
- Ammonia Nitrogen*
- Kjeldahl Nitrogen
- Fluoride
- Sulphide
- Sulphate*
- Suspended Solids
- Volatile Solids
- Total Dissolved Solids



**SPEEDY TURNAROUND
TIMES FOR YOUR
PEACE OF MIND**

The QLS turnaround times are designed to meet the most critical requirements, giving you peace of mind.

The following elements are tested:

- 4E (PGM)*
- Chromium*
- Base metals
- 6E (Nickel Sulphide collection)*
- Iron*
- Sample preparation*
- Screening
- Silicon

The following sludge and soil elements are tested:

- Kjeldahl Nitrogen
- Total Phosphorus
- Metals
- % Water
- % Solids
- % Volatile Matter

* Included in the SANAS Accreditation Schedule

QLS also has a mobile laboratory based in Tanzania, which services the surrounding areas professionally and efficiently.

GET IN TOUCH WITH MINOPEX

Your total operations solutions partner



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