





**QAQCR improves the monitoring and management of quality control associated with assay/grade in mining and exploration projects.**

It delivers real-time monitoring of sample collection, preparation and laboratory errors, and assists with the rapid identification and resolution of issues.

## Geochemical Data Software

QAQCR is designed specifically for the mining and exploration industries and has the ability to link to most database structures.

Transparent reporting of geochemical QAQC is a priority in today's resource industry. This software allows for real time monitoring of both internal and external QAQC procedures in exploration, mining, environmental and metallurgy.

Monitor QAQC performance for laboratories and internal checks, automate monthly reports and stay ahead of the mill...all with one simple to use application.

What this means for you and your organisation is that sample collection, sample preparation or laboratory errors can be identified and resolved in the quickest possible time.

## FEATURES

**SAMPLE GENEALOGY:** Map sample quality control workflows. Select data by project, dataset, laboratory, date range, batch/certificate, hole-ID or advanced filters.

**STANDARD SAMPLE CONTROL CHARTS:** Manage internal and external standards, standard type and assay pill samples. Chart by instance and by date/time. Plot expected and calculated means, as well as best fit and moving averages. Plot against 1 to 3 standard deviations for 95% confidence. Filter function to subset data. Plot multiple standards on single chart.

**COMPARATIVE ASSAYS (REPEATS):** Box and Whisker, Scatter, QQ, Thompson-Howarth, %MAPD, AVR, Precision vs Grade, Horwitz Trumpet, Stacked or normal bar charts. Subset data on drillhole, surface sampling and standards. Includes a bad repeat rule function. Results displayed in either normal or log plots. Insert warning lines.

**PARTICLE SIZE (SCREEN SIZING):** Plots summarise the percentage of samples falling below a given particle size. Check sample prep performance by month or by dataset.

**TURNAROUND TIMES:** Track sample movement from the field, through the laboratory, including accepted and failed samples.

**DATA INTERACTIVITY:** Click on a point on the chart and the associated data is displayed.

**AUTOMATED QAQC REPORTING:** Automatic documents include daily performance reports, out-of-range repeats reports and incoming batch reports.



## BENEFITS

### USE LIVE DATA

Connect directly to the assay database.

### SIMPLE TO USE

QAQCR is simple to implement and easy to use. The software allows geologists, managers and associated staff to easily monitor and report on assay QAQC.

### SEAMLESS INTEGRATION

QAQCR can be simply integrated in DataShed or most other assay data management systems.

### HIGHER QUALITY SERVICES

Improved reporting and monitoring of assay QAQC.

### REDUCE RISK

Having access to well-managed QAQC procedures provides greater control over assay risk and reduces the overall business risk.