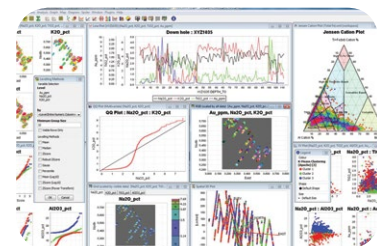
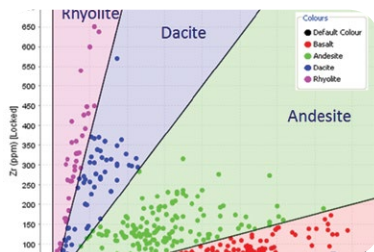


Effortlessly detect patterns, anomalies and relationships in your geochemical and geometallurgical data

REFLEX ioGAS DATA ANALYSIS SOFTWARE



INDUSTRY BEST PRACTICE IN
ANALYSIS TECHNIQUES



Inbuilt knowledge

Knowledge from REFLEX ioGAS experts is captured to deliver optimised workflows and easy-to-use tools that incorporate industry best practice in interpretive techniques.

Streamlined data

Import data from a variety of source formats including Excel, Text, CSV, REFLEX HUB, ODBC connection and selected field portable XRF units.

Real-time data capture

Interact with data in real time using the REFLEX ioGAS dynamic graphical environment to get to the right targets and facilitate timely decision making.

Trial ioGAS Software

TRIAL REFLEX ioGAS SOFTWARE: Download a free two-week trial of ioGAS from our website. 32 and 64-bit Windows & Mac versions are available. For more information please go to our website www.reflexnow.com or contact your nearest REFLEX office.



REFLEX ioGAS: Data Analysis Software

ADVANCED DATA HANDLING

- Streamlined data import (Excel, Text, CSV, REFLEX HUB, ALS Webtrieve, ODBC connection)
- Field portable XRF data import utility
- Data validation tools
- Automatic unit, oxide and molar conversions
- Missing data patterns
- Append new data

DYNAMIC GRAPHICAL ENVIRONMENT

- Univariate statistics, histograms, probability plots, box plots
- Scatter plots, 3D plots, ternary plots
- Multiple plot generation and vector file output
- Templates for preset lists of diagrams and plot windows
- Store and restore checkpoints

MULTIVARIATE STATISTICS

- Regression analysis
- Principal components analysis
- Mahalanobis distance analysis
- Cluster analysis
- Discriminant projection analysis

MAP AND SPATIAL VISUALISATION

- Subset sample point data using colour, shape and size attributes
- Gridded interpolation maps
- View spatial distribution for more than 20 elements instantaneously
- 3D XYZ plots and stacked line plots for drillhole visualisation
- REFLEX ioGAS-Leapfrog Geo live link
- REFLEX ioGAS-GOCAD live link
- Export to Google Earth, ArcGIS, MapInfo, 3D DXF

TRAINING

A range of training options is available including public, online and custom in-house training courses. Get up to speed with our ioGAS Fundamentals course or for the more experienced user, enhance your ioGAS knowledge with our Advanced Techniques course. See our website for course details and upcoming training dates.

REFLEX Geoscience can also provide applied geochemistry training (including ioGAS) as part of an exploratory data analysis workflow tailored to client-specific needs. A combination of theory and case study examples from a range of topics such as pathfinder associations, primary and secondary dispersion, partial leaches, surface sampling strategies, QAQC, litho-geochemistry, geo-metallurgy and target identification can be undertaken and applied to your own datasets.

PETROLOGY

- Comprehensive rock classification diagrams
- Up-to-date alteration indices from international journals
- Display mineral and rock composition nodes
- Point density gridding
- Normalise data to selected geochemical compositions

ADVANCED APPLICATIONS

Our team of geochemists have developed unique and effective tools for quickly and accurately identifying mineral exploration targets based on the following geochemical analytical methods:

- Tukey outlier identification
- Data levelling and weighted sums
- Parallel coordinate plots
- Robust multivariate statistical analysis

MINING GEOMETALLURGY

Use REFLEX ioGAS to measure geometallurgical parameters and incorporate them into resource models to better estimate plant throughput rates, processing costs, ore recovery and improve mine planning.

- Compile rock properties such as specific gravity, multi-element data or phase specific data (e.g. extractable copper, sulphide sulphur, silicate nickel, carbonate, organic carbon) from exploration or grade control samples
- Estimate mineral compositions, hardness, grindability, liberation and acid consumption parameters
- Map deleterious elements
- Model ore deposit geometallurgical domains



www.reflexnow.com



AUSTRALIA
Perth - Head Office
+61 8 9445 4020
Brisbane
+61 7 3723 3633

EUROPE
United Kingdom
+44 1273 405 975

AFRICA & MIDDLE EAST
United Arab Emirates (UAE)
+971 4 449 6800
South Africa
+27 11 908 5595
Ghana
+233 544 305 033

NORTH AMERICA
Timmins, Canada
+1 705 235 2169
Vancouver, Canada
+1 604 681 6765
Mexico
+52 662 215 4317

SOUTH AMERICA
Brazil
+55 31 3317 1398
Chile
+56 2 2589 9300
Peru
+51 1 713 4525