

# The International Association of Geoanalysts



Serving the Global Geoanalytical Community

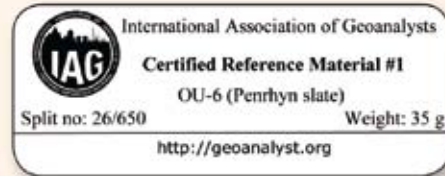
## IAGeo Limited

In 2004 the IAG established its own commercial operating division which distributes IAG-produced Reference Materials derived from earlier rounds of the GeoPT programme.



Harvard 91500 Zircon, the most widely used U-Pb Reference Material, available through [IAGeo.com](http://IAGeo.com)

These materials can be purchased through [www.IAGeo.com](http://www.IAGeo.com)  
Members' discounts apply.



Information about a broad variety of whole rock powder Reference Materials can be found on our website.

## Workshops

The IAG supports a wide spectrum of workshops and short courses addressing key geoanalytical themes:

- Quality Assurance
- Boron isotope workshop
- Introduction to the ion microprobe technique
- Nuts and bolts of isotope geochemistry



### Quality Assurance Workshop Agenda

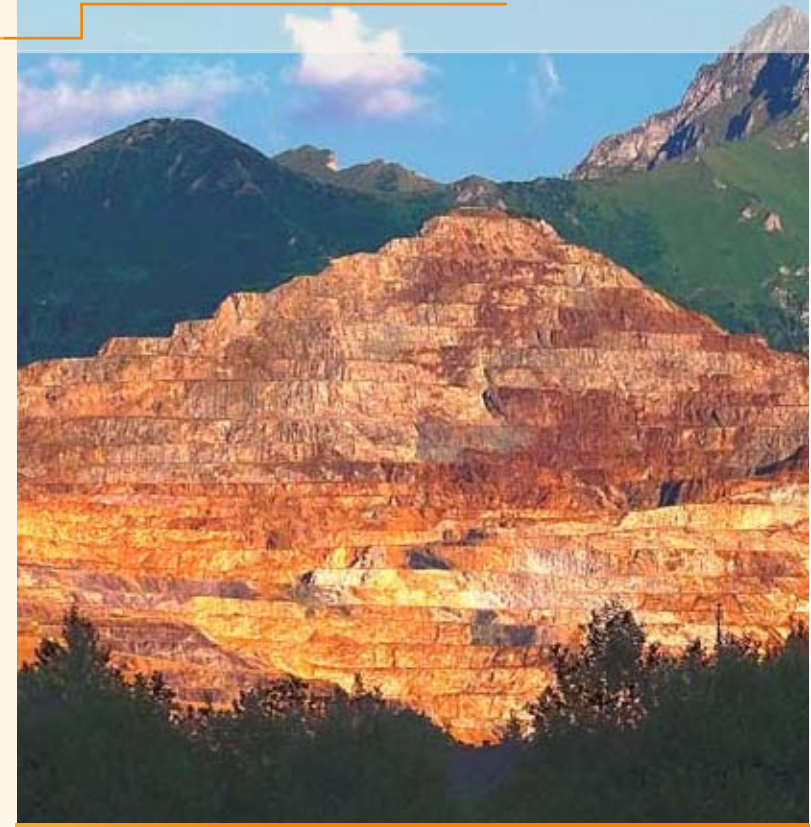
- Determining measurement uncertainty
- Metrological traceability
- Method validation
- The role of proficiency testing
- Proper terminology in chemical analysis

All analytical chemists with an interest in data quality are encouraged to participate in one of IAG's forthcoming Quality Assurance workshops.

## Membership Benefits

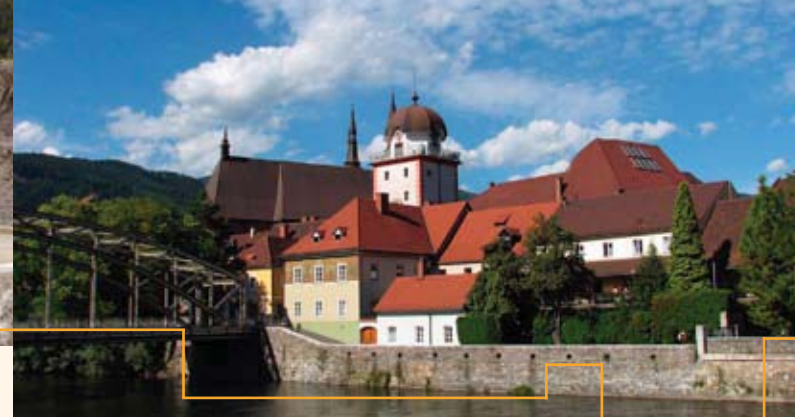
- Free personal electronic subscription to **Geostandards and Geoanalytical Research**
- Access to electronic archives of **Geostandards and Geoanalytical Research** since its beginning in 1977
- 33% reduction in the price of IAG-owned certified Reference Materials
- 33% reduction in the price of IAGeo QC materials
- Subscription to **Elements**, a bi-monthly magazine devoted to geochemistry and mineralogy
- Access to all electronic back issues of **Elements**
- Reduced registration fees at IAG hosted meetings
- Reduced fees for participation in the GeoPT proficiency testing programme
- Access to the G-Probe *in situ* testing scheme
- 20% discount on *Handbook Series* publications from Viridian Publishing House

An IAG membership application form can be downloaded from [www.geoanalyst.org](http://www.geoanalyst.org)  
Annual full membership fee is £40.





Supporting quality in the mining industry



Geoanalysis 2015 in Leoben Montanuniversität, Austria



Supporting laboratory best practice

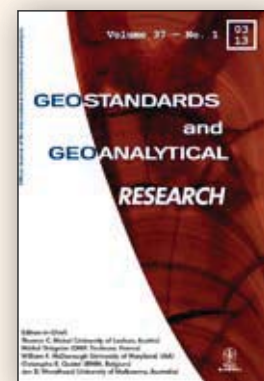


IAG's Certification Committee

## The Official Journal of the IAG: Geostandards and Geoanalytical Research

A quarterly journal devoted to the latest developments in:

- Geoanalytical technique development
- Geological and environmental Reference Materials
- Data compilation and statistical analysis



Find GGR at the Wiley Online Library:

<http://onlinelibrary.wiley.com>

GGR is published by Wiley-Blackwell in collaboration with the IAG. Electronic archive available for all issues since the journal was launched in 1977.

Comprehensive online submission and tracking system provided to all authors.

## International Geoanalysis Conferences

The IAG is the primary supporter for the triennial Geoanalysis conferences, a key forum for the exchange of knowledge in such fields as:

- Quality assurance and best practice in analytical geochemistry
- Improved *in situ* analytical methods
- Development of new Reference Materials
- Analysis of environmental samples
- Determination of measurement uncertainty
- New applications using isotope analyses
- Sampling strategies for geochemical exploration

- 1990** Huntsville, Ontario, Canada
- 1994** Lake District, UK
- 1997** Vail, Colorado, USA
- 2000** Pont-à-Mousson, France
- 2003** Rovaniemi, Finland
- 2006** Beijing, China
- 2009** KwaZulu Natal, South Africa
- 2012** Búzios, Brasil
- 2015** Leoben, Styria, Austria

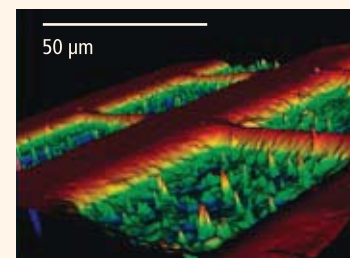
<http://2015.geoanalysis.info/>

## IAG Proficiency Testing Programmes



Participation in a proficiency testing programme is a key component of good laboratory practice. The IAG operates the **GeoPT** programme for geoanalytical

laboratories. Participants receive rock powders at half-yearly intervals for analysis under routine laboratory conditions. Data submitted by the required deadline are subjected to a detailed statistical analysis that is reported to all participants.



Conducting analyses at the nanogram scale

Another proficiency testing scheme operated by the IAG, the **G-Probe programme**, is devoted to improving quality of *in situ* microanalyses.

## Certified Reference Materials

The IAG's Certification Committee has responsibility for the production and characterisation of new reference materials which comply with requirements of the Geneva-based International Organization for Standardization. This work is based on our ISO-compliant certification protocol. Certified concentration values and their assigned uncertainties are the result of an exhaustive analysis of data submitted by numerous labs that have been carefully pre-selected for excellence in data quality. To date, five materials have undergone the IAG certification process, representing some of the most carefully characterised geomaterials currently in existence.



In 2004 the IAG achieved formal liaison status at ISO-REMCO. As such, the IAG is the organization that represents the interests of the analytical geochemist at the highest level of international metrology.