

Interactive Geochemical Data Interpretation

“Exploring Porphyry Cu-Au Deposits”

IMEx Consulting is conducting a one-day Exploration Geochemistry workshop

Friday 7th December 2018

at the North Room, Mantra Chatswood,
10 Brown St, Chatswood

All participants will need to provide a laptop computer & have ioGAS preloaded (Demo version OK).

Workshop limited to 10 participants

For further information contact: Mark Arundell.

E: workshop@imex.net.au; Ph: 043 8811004



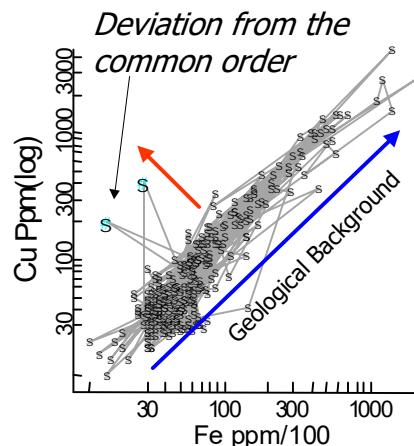
Multi-element analysis of geochemical samples is now common practice in mineral exploration. Voluminous data is being generated but potentially is not fully utilised by project geoscientists.

Traditional anomaly definition of geochemical data has tended to focus on the highest numbers in selected target elements. However, in many circumstances the highest numbers may not be the most significant given the geological context.

Interactive Geochemical Data Interpretation is a more informative technique of viewing and visualising geochemical data. This style of targeting focuses on placing **all** of the geochemical data into a richer geological context.

This is a “hands-on” workshop illustrating and applying these techniques. The workshop is directed to **all** geoscientists who desire to extract more from their data.

Mark Arundell has over 30 years' experience in exploration geology and in the use of multi-element geochemistry to find ore deposits.



REGISTRATION DETAILS

Name: _____

Company: _____

Address: _____

Phone: _____ Email: _____

I wish to attend the Interactive Geochemical Data Interpretation Workshop.

Payment by Direct Deposit or Company Purchase Order ONLY. Tax Invoice & Direct Deposit details to be sent upon registration.

Cost (inc. GST)

\$495.00

WE WOULD APPRECIATE YOUR PAYMENT BEFORE FRIDAY 30TH NOVEMBER

Please note that the workshop will be limited to **TEN** participants.

If you wish to attend, please register before **Friday 23rd November**:

Phone 0438811004 or workshop@imex.net.au

IMEx Consulting, PO Box 1704, Orange, NSW, 2800

Workshop Program

The workshop focusses on applying exploration geochemistry data to the discovery of ore bodies with this workshop focussing on porphyry Cu-Au deposits.

This workshop will teach geoscientists alternative and more informative techniques of viewing and visualising their geochemical data. The focus of this style of targeting is placing the whole geochemical data into the geological context.

The principles of the techniques will be fully explained and illustrated using actual exploration examples. An immediate outcome of applying these techniques is fewer, more robust anomalies/targets are generated enhancing exploration efficiency and effectiveness.

This workshop will also enable geoscientists to discover new targets in old data!

Content

The workshop will be a mixture of lectures (theory) and practical sessions/exercises using ioGAS in a classroom setting.

Timetable is **very, very** flexible and dependent on how long participants want to spend on each exercise.

In the final session, participants are encouraged to work on their own data and Mark will assist with interpretation of the data in a one on one setting.

Participants will receive access to a Dropbox site to download all presentations and data exercises.

Schedule

Time (approx.)	Session	Exercise	
08:30 to 08:45		Register, Set Up - Coffee	
08:45 to 09:00		Introduction	
09:00 to 10:30	1	Validation	
	2	How we look at data	Ex 2.1
11:00 to 12:30	3	Alteration & Rock Classification	Data set 3.1
13:15 to 14:00	4	Soil Formation & Soils, Lag, Rock Case Histories	Data sets 4.1, 4.3, 4.6
14:00 to 14:30	5	Streams Case Histories	Data sets 5.1, 5.3, 5.4
15:00 to 16:00	6	Drill Case Histories	Data sets 6.1, 6.2, 6.3
16:00 to 17:00	7	Own data	
18:00		Dinner at nearby restaurant	

Resume

Mark worked for RGC for ten years as a Mine Geologist in NT and Tasmania and as an Exploration Geologist in WA and East Australia. He then worked for North for five years at Northparkes and Lake Cowal then Yakabindie Ni in WA + IOCG projects in SA. This was followed by nine years with Rio Tinto working on Cu, iron ore, uranium, Ni, IOCG, potash, talc, and trona. Then followed a couple of years working in the Junior sector floating two companies Oakland Resources + Highfield Resources and now he's consulting as a geologist + geochemist. Currently, most of his work involves applying geochemistry in the search for porphyry Cu-Au mineralisation.