

Interactive Geochemical Data Interpretation

“The Fallacy of Deep”

IMEx Consulting is conducting a one-day Exploration
Geochemistry workshop

Wednesday 25th July 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



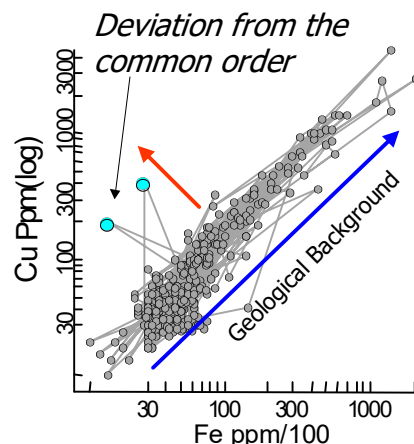
Multi-element analysis of geochemical samples is now common practice in mineral exploration. Voluminous data is being generated but potentially is not fully utilised by project geoscientists.

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: _____

Cost (inc. GST)

\$550.00

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.

WE WOULD APPRECIATE YOUR PAYMENT BEFORE WEDNESDAY 18TH JULY

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

If you wish to attend, please register before **Wednesday 11th July**.

Phone 0438811004 or workshop@imex.net.au

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

Workshop Program

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 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 Dropbox 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
17:00 to 18:00		Drinks Cash Bar

Resume

Mark worked for RGC for ten years as a Mine Geo in NT and Tassie and an exploration Geo in WA and East Aust. He then worked for North for 5 years at Northparkes and Lake Cowal then Yakabindie Ni in WA + IOCG projects in SA. This was followed by 9 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.