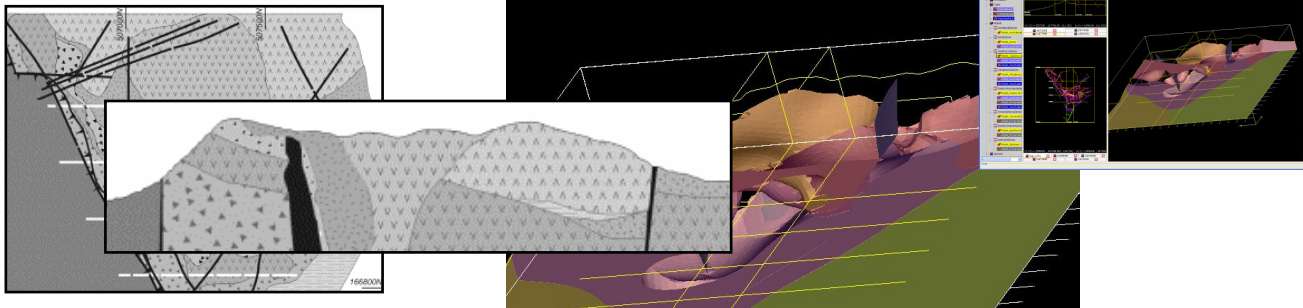


Building a 3D Geology Model - Reconcile this with Gravity/Magnetic Tensor Data

3D geology models - and the software that generates them – are now more intuitive and more readily edited and re-computed.

- Move quickly from the model-construction phase, to powerful on-the-fly geology interpretation.
- Forward predict your model's gravity and magnetic response (compare with observed data).
- Hands-on tutorials - with direct relevance to modern exploration scenarios.



Presented by Intrepid Geophysics.

This one day workshop will initially introduce the 3D GeoModeller approach to building a 3D geology model.

Users will add new geology data, revise their interpretive ideas, and will learn that geology models can be easily revised and improved.

Working on a South African Case Study, the workshop will then demonstrate the benefits of computing forward model solutions for gravity and magnetics, including their vector and tensor components. This process effectively 'tests' the 3D geology model. The user can revise the model to achieve a 3D geology result which remains consistent with geology observations, and has improved consistency with geophysical datasets.

In the afternoon session GeoModeller's geophysical inversion will be introduced. This stochastic exploration process seeks 'alternative' geology models which are also consistent with the set of geology and geophysical constraints.

Where The Royal Swazi Spa, Swaziland (SAGA: www.sagaonline.co.za/2009Conference/index.htm
Main Road, Mbabane

When: Monday 14 September 2009

Time: 8:30 to 17:00

Cost: R1,000

Contact: RCA Conference Organiser: events@rca.co.za

***Bring your
laptop computer!***

For more information ...



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