

SCIENCE AT THE SURVEYS



Australian Government

Geoscience Australia

Implications for Exploration

2010 SEMINAR

Monday 22nd March

10.00 – 3.30 pm

lunch included

Conference Centre

Level 1 – 1 Spring Street

Melbourne



Come and hear about the exploration opportunities identified by and arising from the results of pre-competitive geoscience programs and collaborative research by Geoscience Australia and the State Geological Surveys.

Highlights include:

- Discovery of a new buried sedimentary basin between Mount Isa and Croydon
- Discovery of major deep crustal penetrating structures that control IOCG and other base metal mineralisation in the Eastern Succession of Mount Isa
- Potential of the Thompson Orogen – a buried extension of the Lachlan Fold Belt?
- Exploration potential at Mount Isa expanded with new hyperspectral, geophysical and mapping programs
- 3D regional geological models and maps
- 3D mapping of mineral systems
- Defining favourable horizons for mineralisation in Mt Read Volcanics correlates in central northern Tasmania
- Iron-oxide copper-gold-uranium systems
- Exploration under cover
- Uranium systems
- Gold mineral systems
- Unravelling the geology of the West Musgraves
- New data for the West Arunta

Attendance is free but registration in advance is required.
Please register your details on the reverse side of this form.

AUSTRALIA – *More to Explore*

SCIENCE AT THE SURVEYS: Implications for Exploration

PROGRAM

10.00–10.20	Registration and coffee
10.20–10.30	Geoscience Australia, Chief Executive Officer. <i>Welcome</i>
10.30–11.00	Geoscience Australia, James Johnson. <i>Exploration implications of Geoscience Australia's \$59 million geoscience initiative.</i>
11.00–11.30	Geoscience Victoria, Tim Rawling. <i>3D geological modelling in western Victoria: New insights for gold exploration.</i>
11.30–12.00	Department of Primary Industries – Mineral Resources New South Wales, John Watkins. <i>The Thomson Orogen in NSW: A new and emerging Palaeozoic arc-related mineral province with potential for a range of mineral systems similar to the Lachlan Orogen.</i>
12.00–12.30	Geological Survey of Queensland, Laurie Hutton. <i>New results from Mount Isa age dating, geophysics, mapping and hyperspectral surveys.</i>
12.30–1.15	Lunch
1.15–1.45	Department of Infrastructure, Energy and Resources – Mineral Resources Tasmania, speaker to be confirmed. <i>The TasExplore Project: enhancing prospectivity and refining the 3D model of Tasmania.</i>
1.45–2.15	Primary Industry South Australia (PIRSA), Geological Survey Branch, Tim Baker. <i>Exploration strategies for IOCG+/-U and related deposits in South Australia.</i>
2.15–2.45	Geological Survey of Western Australia, Tim Griffin. <i>Opportunities in Western Australia in an avalanche of information.</i>
2.45–3.15	Geoscience Australia, Richard Lane. <i>3D mapping of mineral systems using geophysics, speaker to be confirmed.</i>
3.15–3.30	Closing Comments

REGISTRATION

Name: _____

Company: _____ Position: _____

Address: _____ Suburb: _____

State: _____ Country: _____ Postcode/Zip: _____

Telephone: _____ Email: _____

TO REGISTER email susan.wall@ga.gov.au or fax this form to + 61 2 6249 9983

FOR FURTHER INFORMATION CONTACT:

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