



Mount Isa Crustal Seismic Survey Presentation to industry

8:30 am Tuesday 24 June 2008
Civic Centre, 23 West St, Mt Isa, QLD

This workshop is a presentation of the results of the Mount Isa deep crustal seismic survey to mineral explorers and other interested geoscientists. The survey was carried out in 2006 across the Mount Isa Inlier and the Lawn Hill Platform in northwest Queensland as a collaborative project between Geoscience Australia, the Queensland Government (Geological Survey of Queensland), Zinifex Pty, Ltd and the predictive mineral discovery Cooperative Research Centre (*pmd*CRC*) using the facilities of ANSIR (the National Research Facility for Earth Sounding). The project was managed by Geoscience Australia.

The aim of the survey is to provide information on the crustal architecture of northwestern Queensland, particularly in the highly prospective Proterozoic rocks that host major Zn-Pb, Cu-Au and Cu deposits and have significant U potential. One particular objective is to image the deeper crust and major structural features that may have influenced hydrothermal fluid flow and hence mineralisation.

Program

- 8:30 am Welcome & Introduction - David Mason
- 8:45 am Geodynamics of the Mt Isa Inlier – George Gibson
- 9:15 am Geology of the Mt Isa Inlier – Laurie Hutton et al.
- 10:15 am Morning Tea
- 10:45 am Mount Isa Seismic Survey: Acquisition & Processing – Leonie Jones
- 11:15 am Results from the Lawn Hill Platform (Lines 06GA-MI1 and 06GA-MI2) – Laurie Hutton et al.
- 11:45 am Results from the northern Mount Isa Inlier (Line 06GA-MI3) – George Gibson et al.
- 12:15 pm Lunch
- 1:15 pm Results from the central and southern Mount Isa Inlier (Lines 94MTI-01 and 06GA-MI6) – Russell Korsch et al.
- 2:00 pm Results from the eastern Mount Isa Inlier (Lines 06GA-MI04 and 06GA-MI05) – Ian Withnall et al.
- 2:45 pm 3D visualisation of the Mount Isa Crustal Seismic Survey – Paul Henson et al.
- 3:15 pm Afternoon tea
- 3:45 pm Synthesis of the architecture of the Mount Isa Inlier and its relationship to mineral systems – George Gibson et al.
- 4:15 pm Open discussion
- 4:45 pm Future directions and closing remarks – David Mason
- 5:00 pm Close

The workshop is free but to assist organisation please indicate your intention to attend to:

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Inquiries

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