

# Digging Deeper 2025

GEOLOGICAL SURVEY OF QUEENSLAND

BRISBANE, 19 NOVEMBER

## CONFERENCE PROGRAM – Wednesday 19 November

33 Charlotte Street, Auditorium

- 8:30 am Registration opens  
9:00 am Acknowledgement of Country – Chris Hansen, Manager, GSQ  
9:05 am Welcome – Master of Ceremonies – Dr Heather Sparks, Manager Industry Engagement, GSQ

- 9:10 am **Opening Address** **GSQ PRIORITIES**  
Andrew Grabski, Deputy Director-General for Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development  
9:25 am **Lighting the Way: The GSQ's Role in Accelerating Exploration**  
Dr Janelle Kerr, Director Minerals Geoscience, GSQ  
9:45 am **Resourcing Australia's Prosperity Through Pre-Competitive Geoscience**  
Lidena Carr a/g Director – Integrated Geological Mapping, Geoscience Australia  
10:05 am **Poster Pitches**

### 10:15 am MORNING TEA AND POSTERS

- 11:00 am **Cu-Zn basin hosted mineral systems in NW QLD – project aims & future work plans** **NEW PROJECTS**  
Matthew Greenwood, Manager Regional Compilations, GSQ  
11:15 am **Boodjamulla - Croydon deep seismic program**  
Dominic Brown, Principal Geophysicist, GSQ  
11:30 am **Regional Exploration (REX) – Porphyry Fertility in the New England Orogen**  
Lauren Grech, Senior Geoscientist, GSQ  
11:45 am **Poster pitches**

### 12:00 pm LUNCH AND POSTERS

- 1:45 pm **Minerals systems characterization: Intrusion-related system in North-east Queensland** **NEW PROJECTS & RECENT RESULTS**  
Dr Vladimir Lisitin, Manager Minerals Systems, GSQ  
2:00 pm **Characterisation of Mineral Deposits: Advanced tools & consistent data to assist exploration**  
Dr Elena Belousova, Principal Geoscience, GSQ  
2:15 pm **Integrating petrophysics data with GSQ's Reference Collection data**  
Roger Cant, Senior Geophysicist, GSQ  
2:30 pm **Generative AI for Geoscience**  
Mark Gordon, Director Geoscience Information, GSQ

### 2:45 pm AFTERNOON TEA AND POSTERS

- 3:30 pm **The Critical Minerals and Circular Economy Research Alliance** **COLLABORATION**  
Dr Pascal Bolz, Research Fellow, UQ and Dr Tom Evans, Senior Research Fellow, UQ  
3:45 pm **GSQ - CSIRO Natural Hydrogen Prospectivity Study: project overview**  
Dr Melissa Duque Nogueira, CSIRO  
4:10 pm **Student Poster Awards and Closing Remarks**  
Dr Janelle Kerr, Director Minerals Geoscience, GSQ

- 4:25 pm **Networking – AMEC**  
Port Office Hotel, 40 Edward St, Brisbane City