

Mineral Systems of Northwest Queensland

Tuesday 24 - Wednesday 25 June 2025

Ibis Styles Hotel, Mount Isa

EGRU Collaborative Workshop

PROGRAM

Tuesday 24 June 2025

REGISTRATION & LUNCH: 12:00 - 13:00

PRESENTATIONS & CORE VIEWING: 13:00 - 17:00

Welcome

Associate Professor Ioan Sanislav - Economic Geology Research Centre, JCU

Predictive reality - mineral systems models and ore deposit classification for exploration?

Nick Cook - Sustainable Minerals Institute, UQ

New insights into the geology of the Maronan lead-silver and copper - gold deposit

Andrew Barker - Maronan Metals

The Eloise-Jericho ISCG mineral system: New insights

Mike Taylor - AIC Mines

IOCG, ISCG, Cu-REE skarns, Au, Mo-Re deposits in the district: many deposit types in one mineral system

Vladimir Lisitsin, Geological Survey of Queensland

Update on Dugald

Nick Dyriw - MMG

New insights on the paragenesis of the Ernest Henry Orebody

Evolution Mining

CORE VIEWING, DRINKS & SNACKS with brief presentations about core display

DINNER & DRINKS: 18:30 - 20:30

Alfresco Deck, Mount Isa Hotel

13 Miles Street

PROGRAM

Wednesday 25 June 2025

PRESENTATIONS & CORE VIEWING: 8:30 - 16:15

Isotope Geochemistry: capabilities and innovative applications for fingerprinting and exploring for resources

Alex McCoy-West - Economic Geology Research Centre, JCU

Geology of the Rocklands deposit

Elena Belousova, Geological Survey of Queensland

Tracking the evolution of mineral systems using apatite petrochronology and geochemistry: a case study from the Ernest Henry IOCG deposit

Xin Wang, University of Queensland

Cobalt mineralisation in IOCG deposits of the Cloncurry District

Avish Kumar - Economic Geology Research Centre, JCU

Mount Isa Copper - structural controls on mineralisation, with new drill results

Peter Rea - MIM Glencore

Insights into the Mount Isa Cu and Zn-Pb-Ag system from exploring the fringes

Alex Brown - LithInsight

Greater Duchess copper gold project update

Paul Tan, Carnaby Resources

Exploring for copper oxide deposits in the Lady Annie project area

Nathan Chapman - Austral Resources

Drone-borne Hyperspectral Imaging: technology update and its application for environmental monitoring at the Mary Kathleen site

Katarina Savinova - Sustainable Minerals Institute, UQ

The Westmoreland uranium project

Laramide Resources

Initial findings and implications from first pass exploration drilling and geochronology from the Jessica and Carrara Projects

Luke Pickering - South32

The Elaine Dorothy Cu-Au-REE skarn deposit

Catherine Nyakecho - Economic Geology Research Centre, JCU

New directions for mineral systems research in northwest Queensland

Ioan Sanislav - Economic Geology Research Centre, JCU

Discussion & Wrap-up

Ioan Sanislav - Economic Geology Research Centre, JCU

DRINKS & SNACKS: 17:00 - 19:00

The Lodge Room, Buffs Club

Cnr Grace and Simpson Streets