

Exploring for the Future Integration Workshop & Data Release

AGES 18 March 2019 – Alice Springs, N.T.

Geoscience Australia in collaboration with the Northern Territory Geological Survey is hosting a showcase and integration workshop focused on new datasets acquired over the Tennant Creek - Mount Isa region as part of the Exploring for the Future Program.

Experience integration of multidisciplinary datasets to characterise the lithosphere from the surface to the base of the Australian plate.

This workshop is an opportunity for explorers to become familiar with new datasets, interact with the multidisciplinary team responsible for their collection/interpretation and learn how Geoscience Australia integrates these datasets using open source data analytics to gain insights into the subsurface geology of the Tennant Creek - Mount Isa area and assess its mineral potential.

NEW data sets to be released:

- Remotely sensed mineral maps
- Proterozoic Pb-isotopes
- Gravity grids
- AusLAMP modelling
- IOCG mineral potential assessment

Hands-on integration of new:

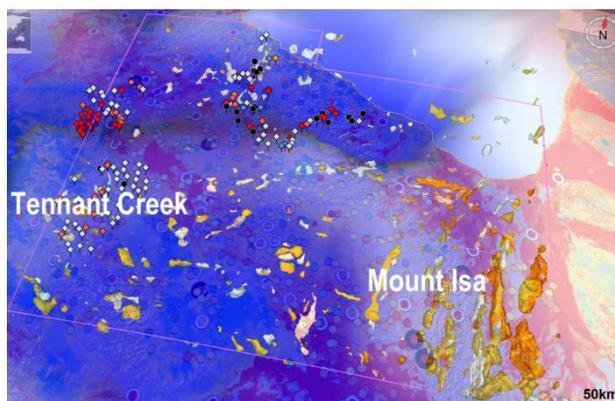
- Geologically enhanced Landsat
- Soil and hydro-geochemistry
- Legacy borehole compilations
- AusAEM models
- Cover-thickness models
- Solid geology interpretations
- Gravity grids
- Isotope maps
- Mineralisation ages
- Deep reflection seismic profiles
- Potential field inversion models
- AusLAMP conductivity models
- AusArray velocity models

BYO laptop so you can integrate these new datasets in 3D on your machine using Geoscience Australia's Open Source EarthSci platform.

Details

Location: Alice Springs Convention Centre
Time: 9am–4pm before the AGES Ice-breaker
Contact: ages@nt.gov.au to secure your place.

DON'T MISS OUT! Registration is limited to 45 places to enable discussion at this day-long workshop



Example of multiple new datasets collected within the Tennant Creek - Mount Isa area (purple polygon) as part of the Exploring for the Future program imaged in Geoscience Australia's 3D EarthSci platform.