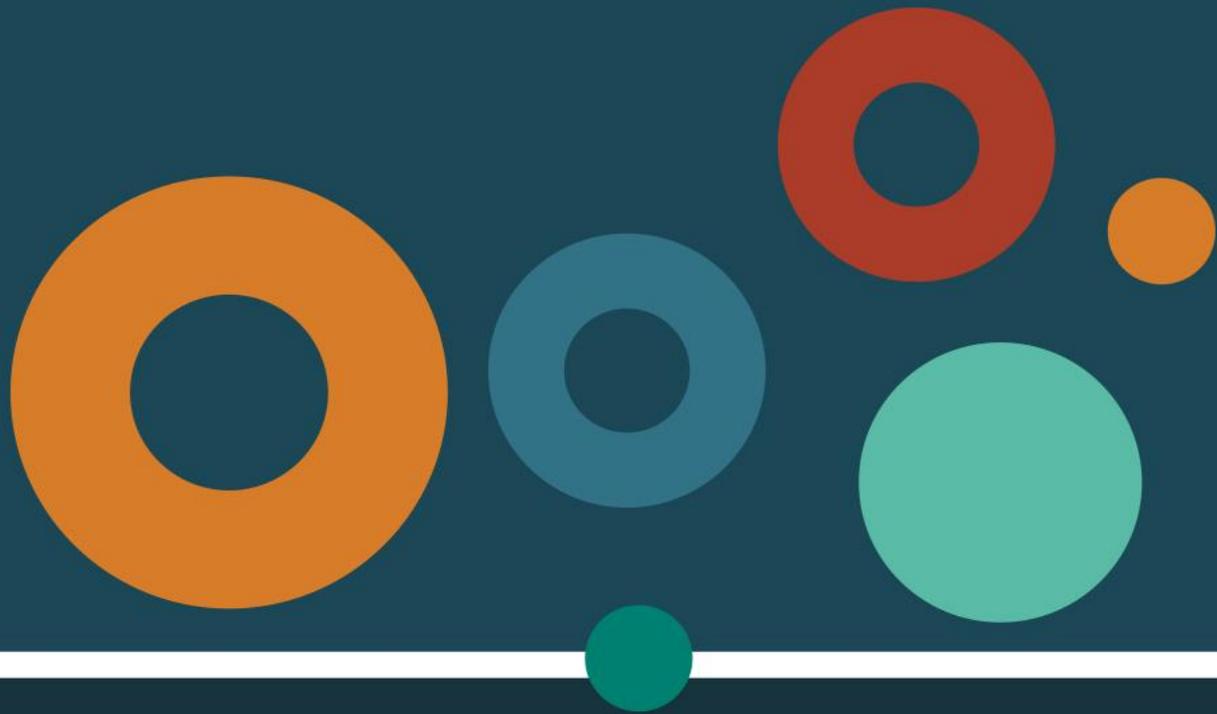


GSQ's New Discovery Program

Technical Workshop for Industry



Townsville
5-6th June 2019



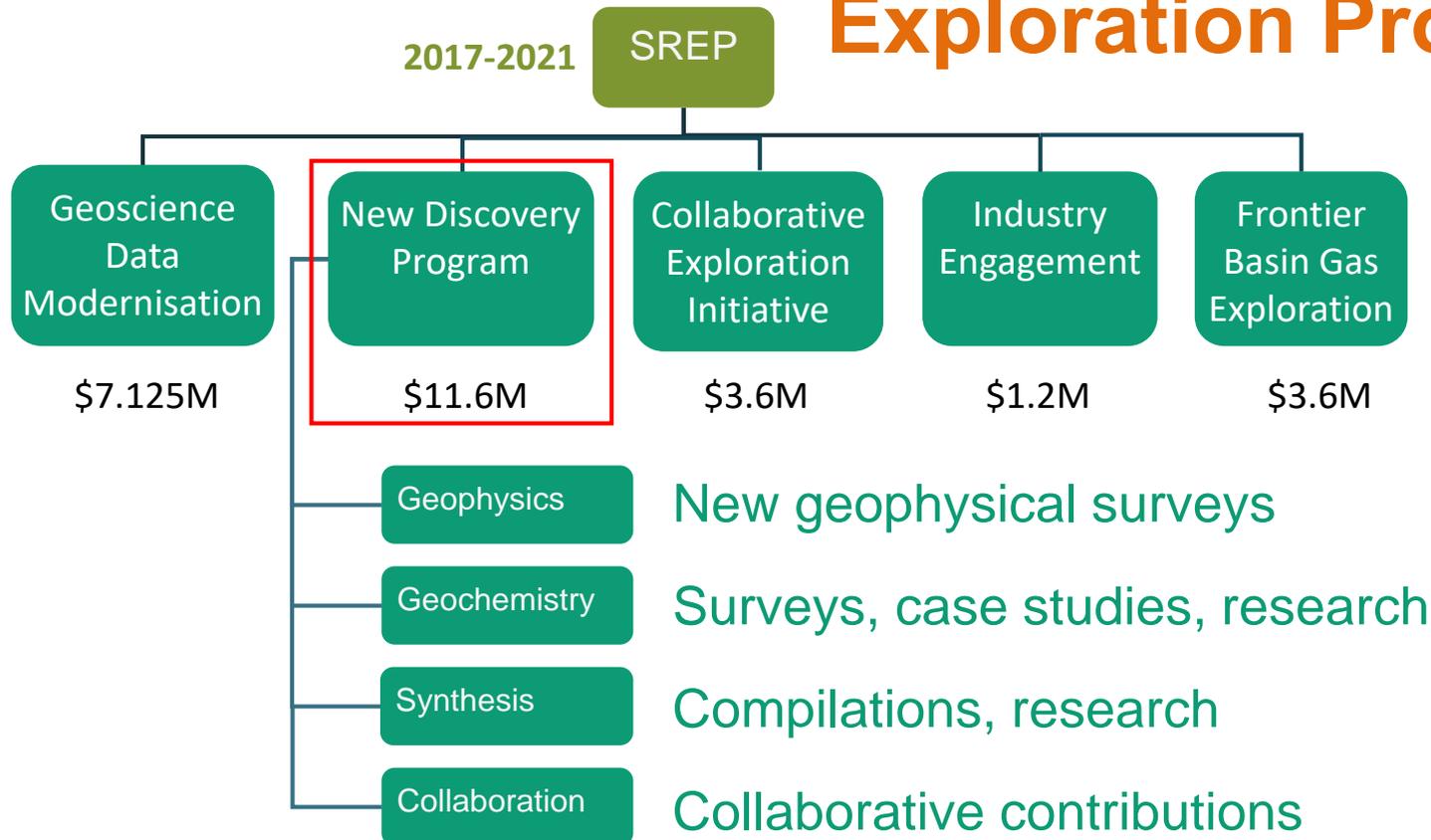
Geological Survey of Queensland



- Our main goal is to enable industry success
- Traditional activities need to be modernised
- Do the jobs that will help industry, but are too big too hard, too expensive for any one company to undertake
 - Regional geophysics (already do well – ongoing)
 - Regional geology.... Of areas under cover; change our map production to mapping under cover
 - Mineral systems studies
- **Greatest value for industry in reducing the unknowns – minimise exploration risk**

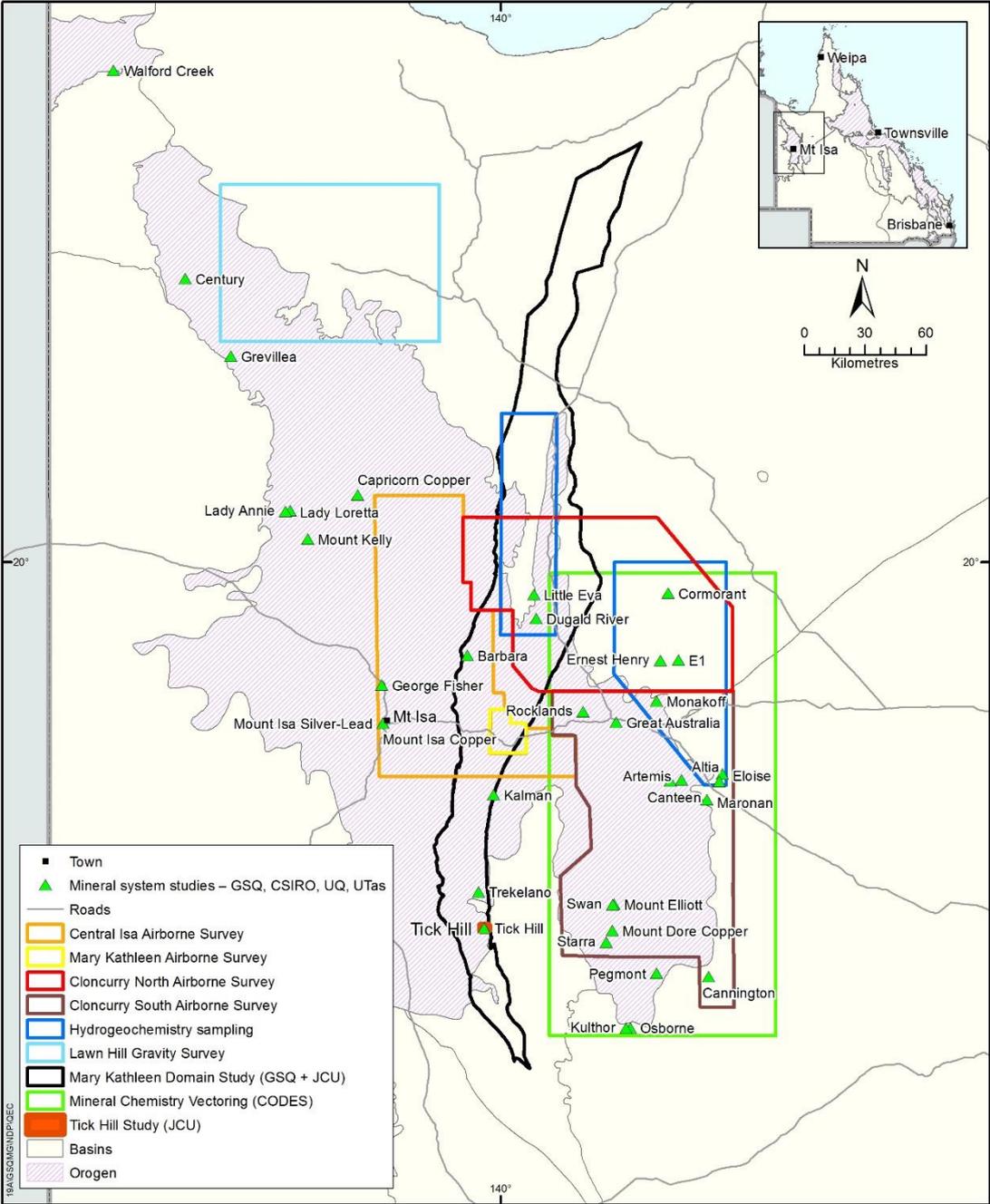
GSQ Projects and Funding

Strategic Resources Exploration Program





Coverage of the New Discovery Program



19A6508MNP/DEC

Survey updates



- **GSQ – New Discovery Program**
 - Central Isa airmag commenced
 - Cloncurry Extension MT to commence shortly
 - Mineral Systems Collection – Ernest Henry compilation complete
- **New Discovery Program collaborators**
 - Deposit Atlas (UQ – Rick Valenta)
 - CSIRO Data 61 NWMP study complete (V Metelka)
 - Mary Kathleen Domain (JCU students)
- **GA – New Data Releases**
 - North Australian geochemical sampling (NAGS) data release
 - Gravity and Magnetic Inversions Mt Isa to Tennant Ck

Today's Workshop



Today we will hear from:

CSIRO Data 61

Machine learning and target generation in NW Qld

University of Queensland

Target Compilation Workshop

Industry Spotlight

Walford Creek (Aeon Metals)

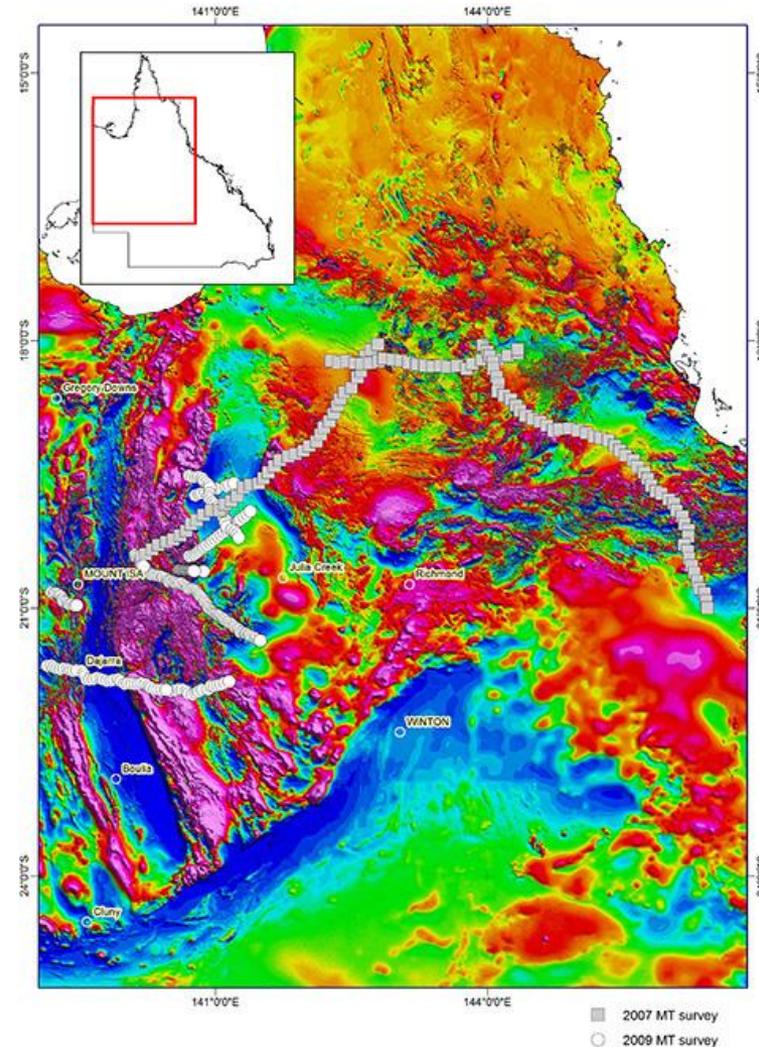
Greenfields Exploration (Evolution Mining)

James Cook University

Student feature session

Workshop Goals

- The survey's goal is to enable industry success through:
 - Dissemination of knowledge
 - Filling in big scale knowledge gaps
 - Enabling collaboration (bringing different groups together)



Workshop Wifi



Workshop wifi
Select Rydges-Event
Password: Pass1234

Presentations will be available online after the
workshop

Wednesday Program

- **Morning Session**

- Data in exploration
- Industry spotlight

- **Afternoon Session**

- Targeting workshop
- JCU Student session
- Q&A with Departmental Reps (Mineral Hubs and GSQ)

- **Networking Session**

- Quarterdeck, the Casino
- From 6pm
- Taxis will be arranged

- **Dinner 'til late**

- Quarterdeck
- Pay your own

