

# NTGS information delivery highlights for 2025-26

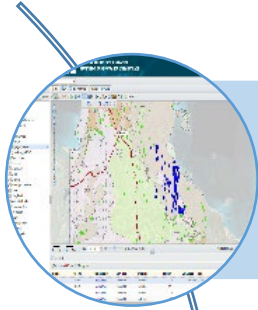
Tracey Rogers

Director Systems and Information Delivery, Northern Territory Geological Survey

NORTHERN TERRITORY GEOLOGICAL SURVEY  
**AGES2026**  
ANNUAL GEOSCIENCE EXPLORATION SEMINAR



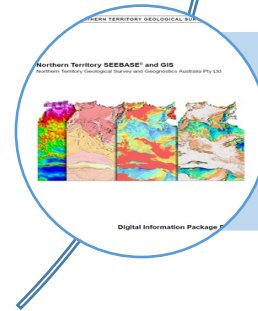
# Topics



STRIKE



GEMIS



Recent releases

# STRIKE – two versions

Additional version of STRIKE now available:

User Defined Scale (UDS)

Removal of Google basemaps enables users to set the map scale –

- Choose a standard scale from the “dropdown” list

Or

- Enter value in scale text box

The screenshot displays the STRIKE web application interface. At the top, the header includes the Northern Territory Government logo and the text 'STRIKE' and 'TENURE AND GEOSCIENCE INFORMATION DEPARTMENT OF MINING AND ENERGY User Defined Scale Version'. A navigation menu is visible below the header. The main area shows a map of the Northern Territory with various geological features. A red circle highlights the 'User Defined Scale' text in the header, and another red circle highlights the 'User Defined Scale' text on the map. A dropdown menu is open, showing a list of scales from 1,000 to 5,000,000. The current scale is set to 2,000,000. A text box at the bottom of the dropdown allows for manual input of a scale value.

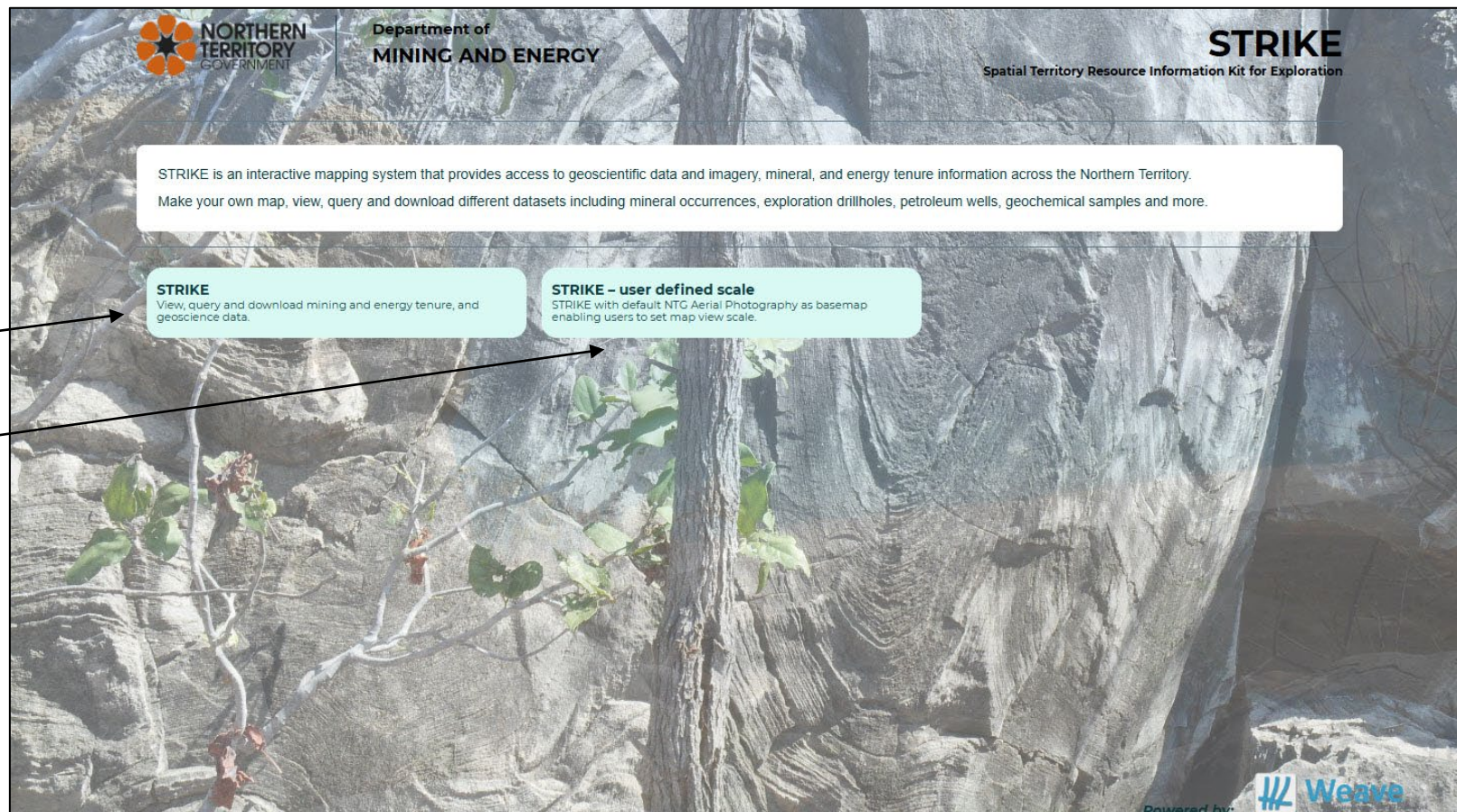
# STRIKE – landing page

Strike.nt.gov.au

Redirects to landing page offering two options:

- STRIKE (standard)
- STRIKE UDS

Users can still bookmark their preferred version in their browser



# STRIKE – do you know how to find open file reports?

Find open file reports on or near to a current title

1. Select current title from ELs – Granted layer

2. Use Spatial Select tool with Target - Open File Mineral Reports layer

3. Toggle between Active Layer and All Layers selection to see initial title and the spatial objects for the open file reports

4. Ensure the current title is the active layer and use Redline tool to:

- redline the selected entity to create highlight and add a label

5. Choose All Layers selection to display both the highlighted current title and the open file report selection

Spatial Select tool

Redline tool

Index for open file mineral reports

| Title ID | Reports   | Link to Reports        | Holder                                 | Grant Date | Cessation Date | Title status |
|----------|---|------------------------|--|------------|----------------|--------------|
| EL25297  | CR2013-0192, CR2012-0199, CR2011-0114, CR2010-0891, CR2010-0259, CR2009-0778, CR2009-0227, CR2008-0722, CR2008-0198 | <a href="#">Report</a> | AUSTRALIA MINING & GEMSTONE CO PTY LTD | 14/03/2007 | 13/03/2013     | Historical   |

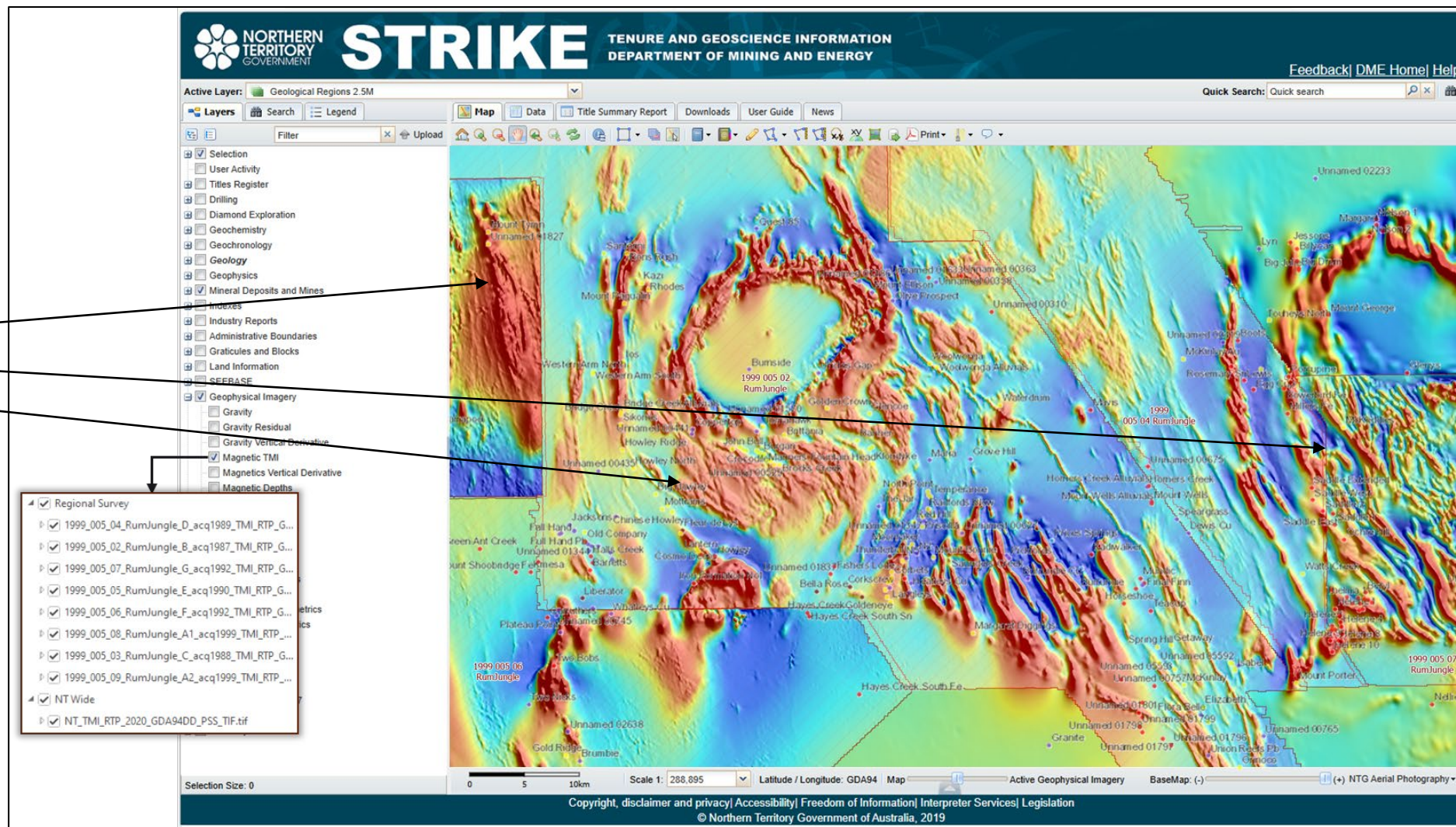


# STRIKE – geophysical imagery 2

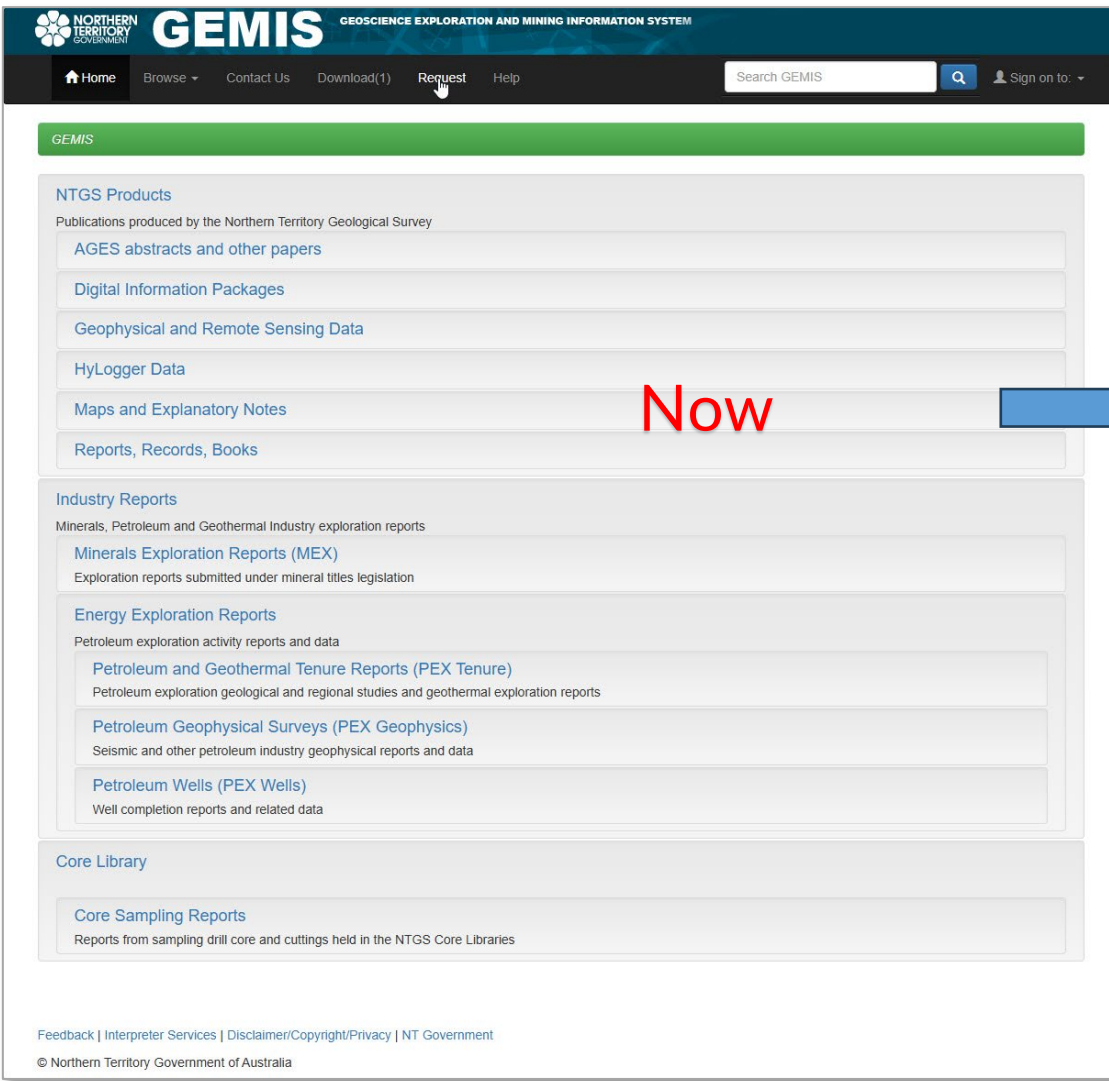
Example

Finer detail of individual NTGS survey images overlying NT wide image for comparison

Indication of number of images that a single survey may generate



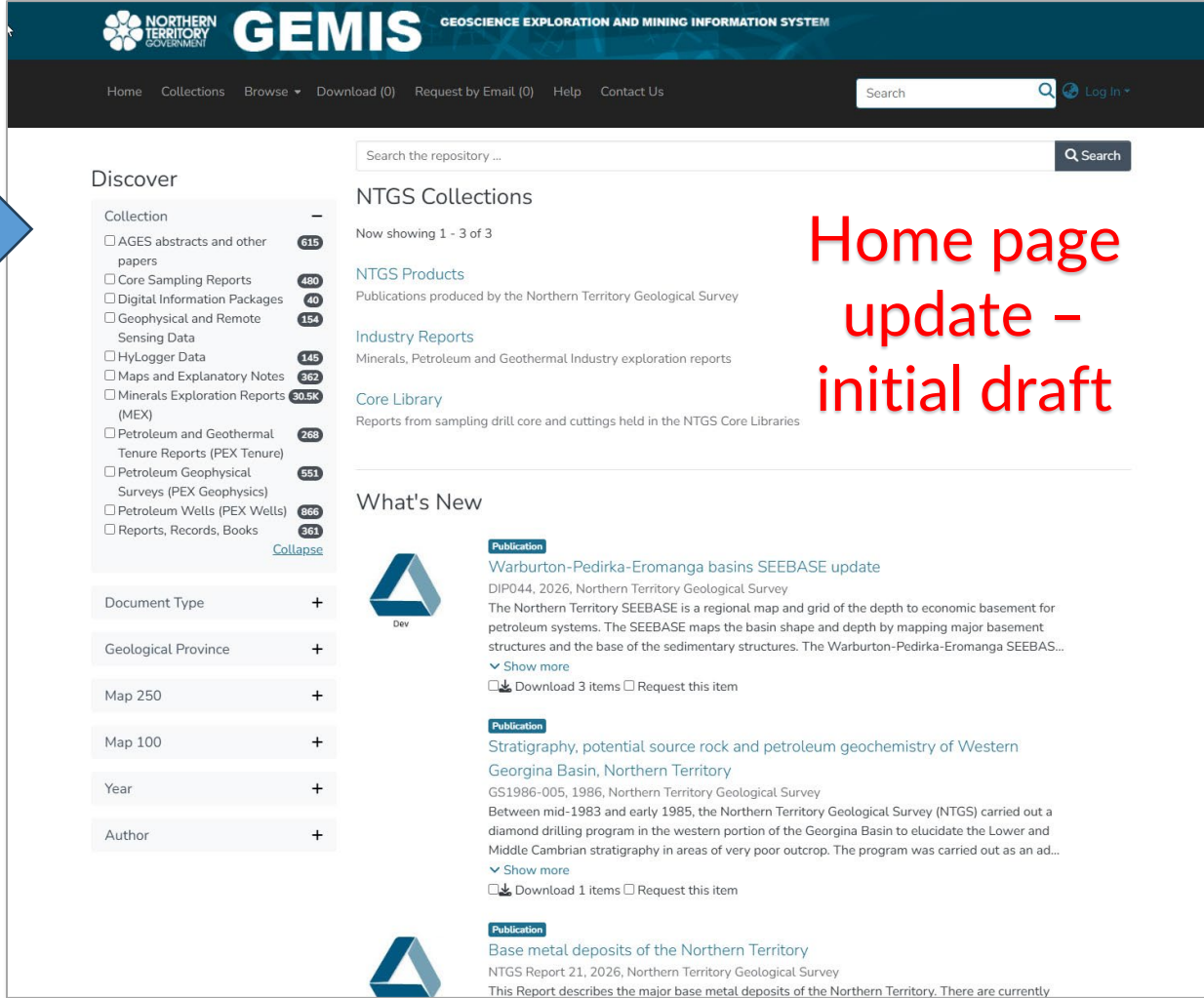
NTGS survey images overlying NT-wide Magnetic TMI image



Now



# GEMIS Upgrade



Home page update – initial draft

- Updated look and feel
- Including change to download function
- Recently released products on home page

# Improved GEMIS record display

The screenshot shows a complex, multi-column layout. On the left, there is a vertical list of metadata including Report ID (DIP044), GIS version (ESRI GDB, 26/02/2026), Year (2026), Edition (March 2026), Corporate Author (Geognostics Australia), and Abstract. On the right, there is a table titled 'Files in this Report:' with columns for File, Size, Format, and Add to Download. The table lists three files: 'NTGS-DIP044-Warburton-Pedirka-Eromanga Basins SEEBASE Update - Report.pdf' (43.35 MB, PDF), 'NTGS-DIP044-Metadata.pdf' (217 kB, PDF), and 'NTGS-DIP044.zip' (307.08 MB, ZIP). Below the table are buttons for 'Download Selected', 'Add to Request', 'Clear Requests', and 'Submit Request'. A red 'NOW' stamp is placed over the 'Year' and 'Edition' fields.

**Record display changes:**

- Two column layout
- Downloads:
  - moved to upper left side
  - Simpler display

The screenshot shows a cleaner, two-column layout. The title 'Warburton-Pedirka-Eromanga basins SEEBASE update' is prominently displayed at the top. On the left, there is a 'Downloads' section with a list of files and their sizes, each with a download icon. On the right, there is a vertical list of metadata including Report ID (DIP044), GIS version (ESRI GDB, 26/02/2026), Year (2026), Edition (March 2026), and Abstract. A 'Full item page' button is located at the bottom right. A red 'One possibility' stamp is placed over the 'Year' and 'Edition' fields.

**One possibility**

# Search results display

**Current display**

## Probable display changes:

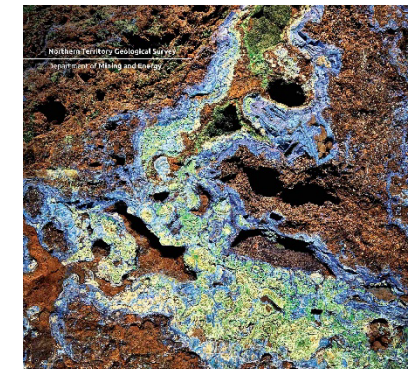
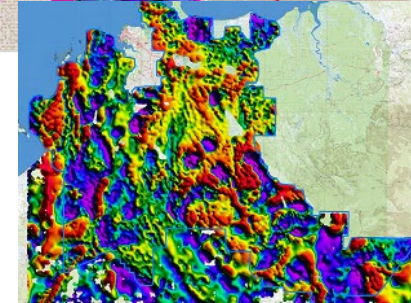
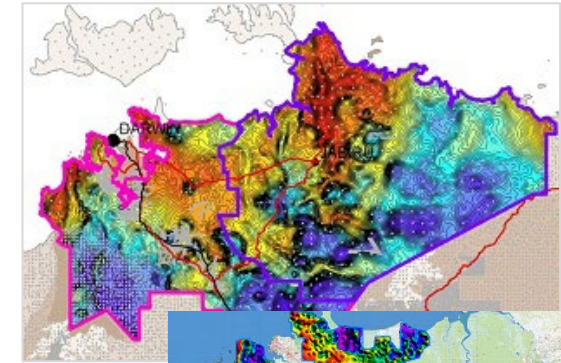
- Filter, search options to right
- Browse options at top

## Changes to advanced search functionality

**One possibility**

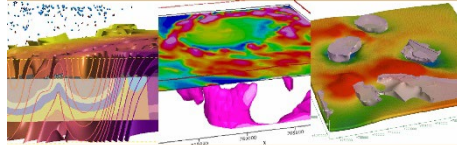
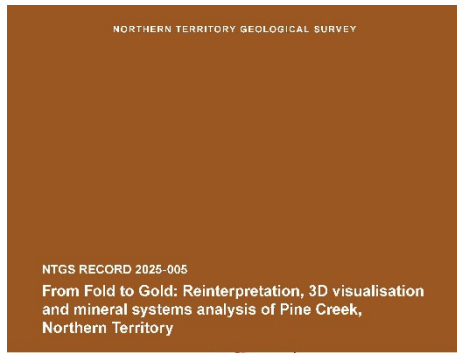
# Recent and new releases

- 6 Records including:
  - Reinterpretation, 3D visualization and mineral systems analysis of Pine Creek
  - Hyperspectral analysis at Angularli uranium deposit
- 1 HyLogger Data Package
- Final data for the NTGS Pine Creek and West Arnhem Ground Gravity Surveys
- Critical minerals and gold in the Northern Territory (2026)
- Huckitta 250k 3rd ed geological map, explanatory notes and GIS dataset
- Regular updates to Resourcing the Territory maps and fact sheets

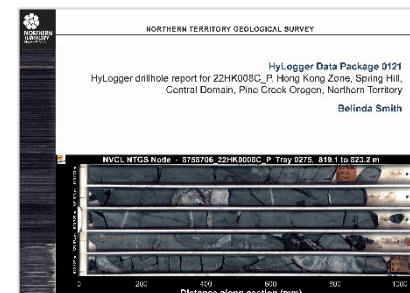
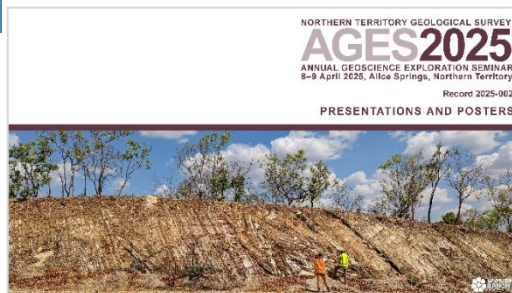
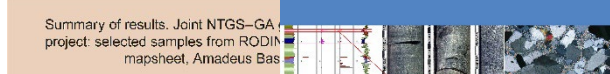
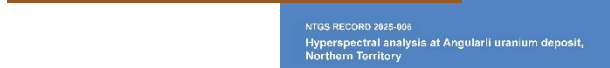


Critical Minerals and Gold in the Northern Territory 2026

resourcingtheterritory.nt.gov.au

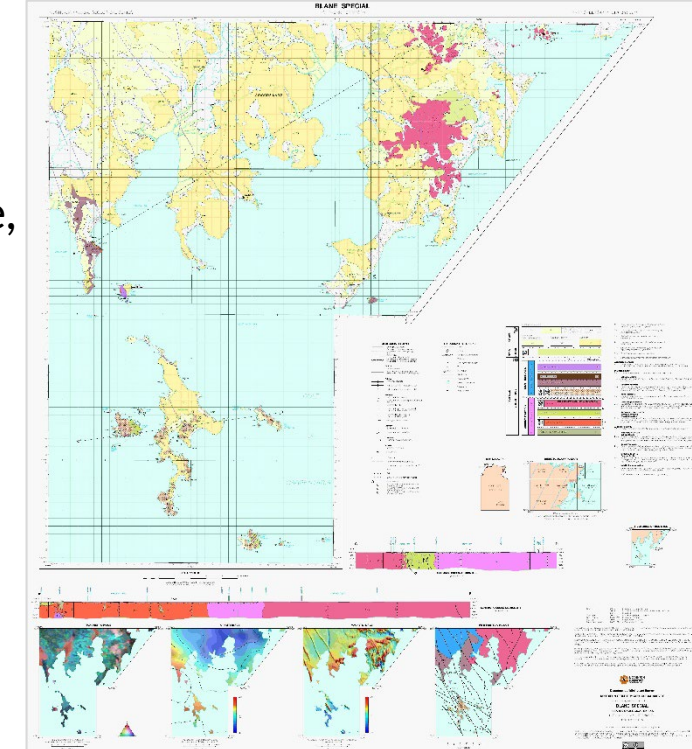
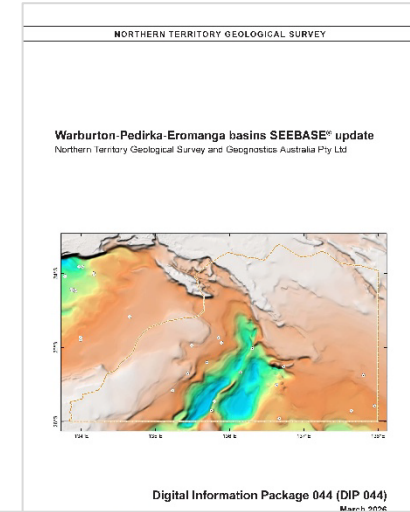
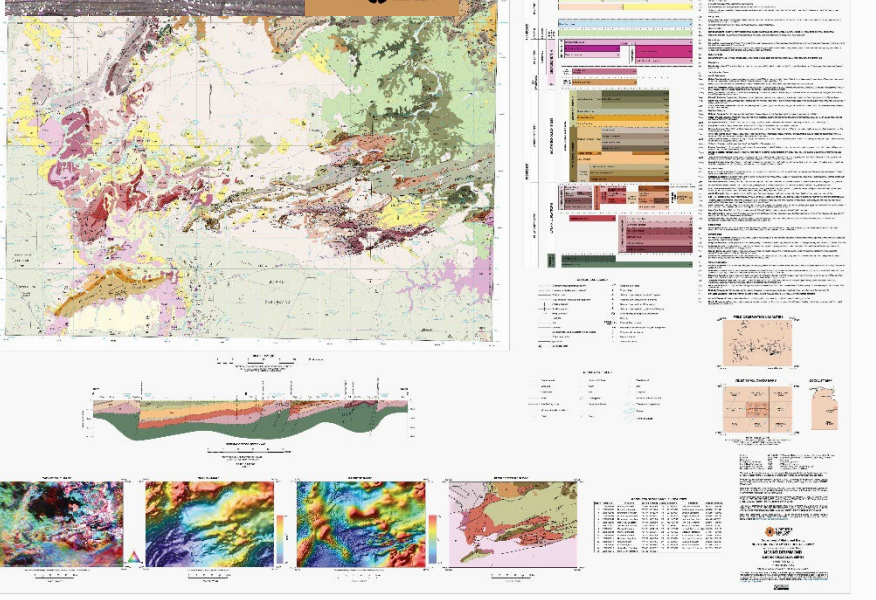
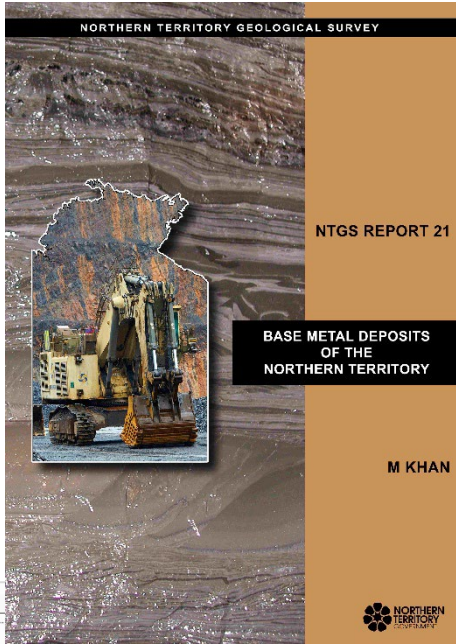


G Mitjanas and S Micklethwaite



# Recent and new releases

- Mount Drummond 3rd ed 250k geological map, explanatory notes and GIS dataset
- Hatches Creek Region 100k GIS dataset
- Base metal deposits in the NT, Report 21
- DIP 044 – Warburton-Pedirka-Eromanga basins SEEBASE update
- DIP 013 update – Rock property dataset of the NT



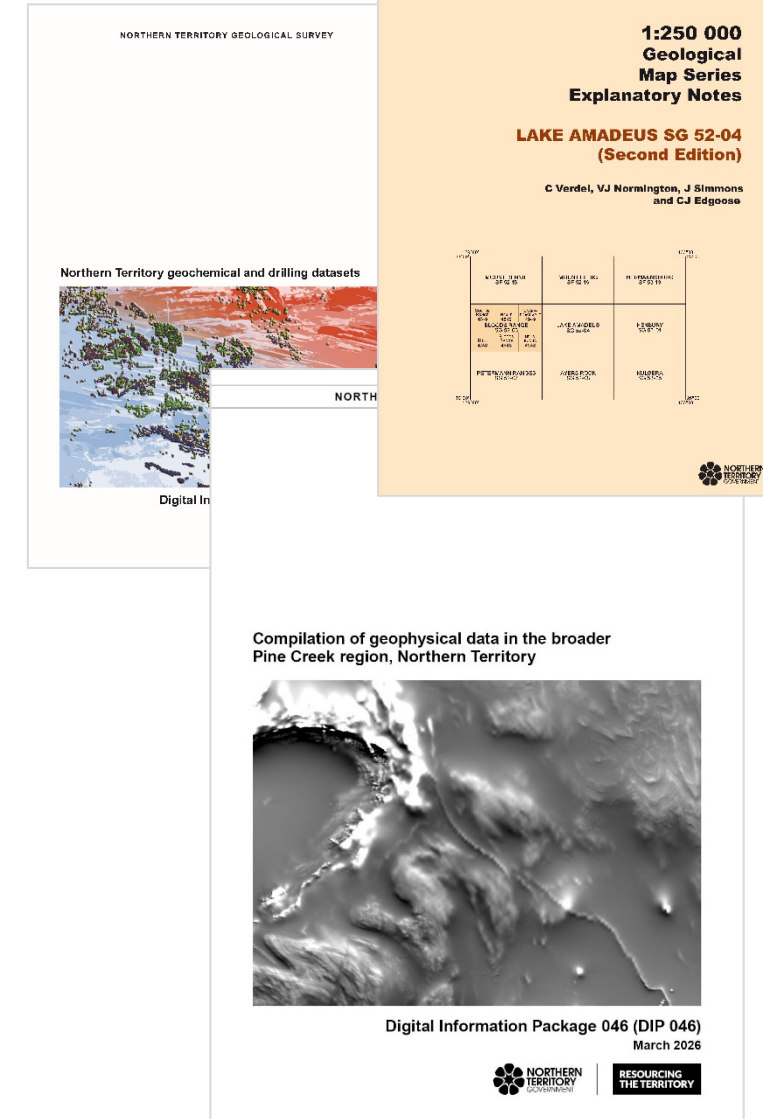
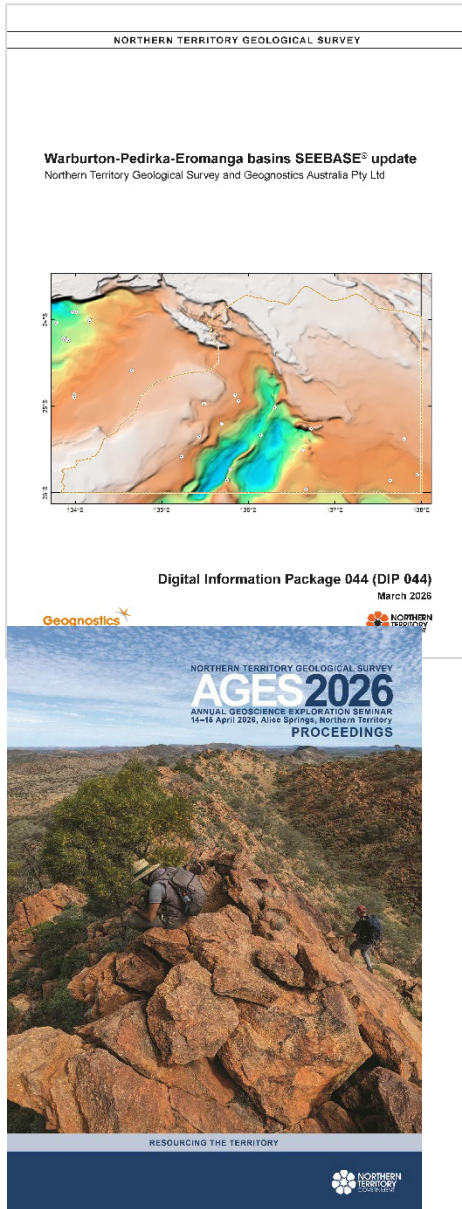
- Arnhem 100k maps and GIS data – Gove, Caledon and Blane specials
- Combined explanatory notes for the 3 Arnhem 100k maps

# Hot off the press...

- Lake Amadeus 2nd ed 250k geological map, explanatory notes and GIS dataset
- DIP 046 – Compilation of geophysical data in the broader Pine Creek region
- DIP 001– geochemical and drilling datasets update, April 2026
- AGES Proceedings 2026
- NT wide gravity gridded data and images (2026)
- NT wide magnetic gridded data and images (2026)
- NT wide radiometric gridded data and images (2026)

## Coming soon:

- Magnetic map of the NT (2026 ed)
- Gravity map of the NT (2026 ed)
- Radiometric map of the NT (2026 ed)



# Information requests

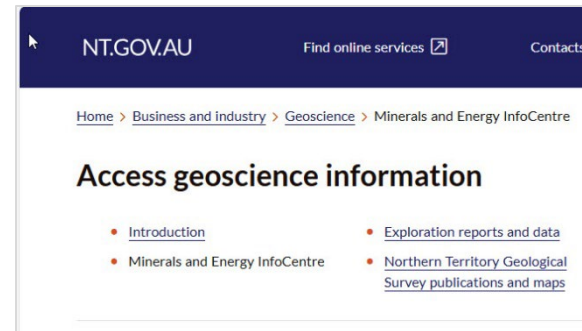
Contact the Minerals and Energy InfoCentre


[geoscience.info@nt.gov.au](mailto:geoscience.info@nt.gov.au)

or 08 8999 6443

Or

*InfoCentre online query form*



 **Join our mailing list**  
Get notified of news, upcoming events and product releases.  
[Sign Up](#)

**Subscribe to *NTGS monthly alert***  
Join via the [Resourcingtheterritory.nt.gov.au](http://Resourcingtheterritory.nt.gov.au) website