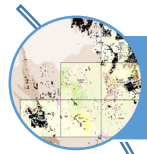


Improving access to geoscience information: Recent highlights

Tracey Rogers

Topics



Drilling and geochemistry data



STRIKE



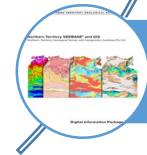
Petroleum Onshore Information NT



Resourcing the Territory website



Industry reports

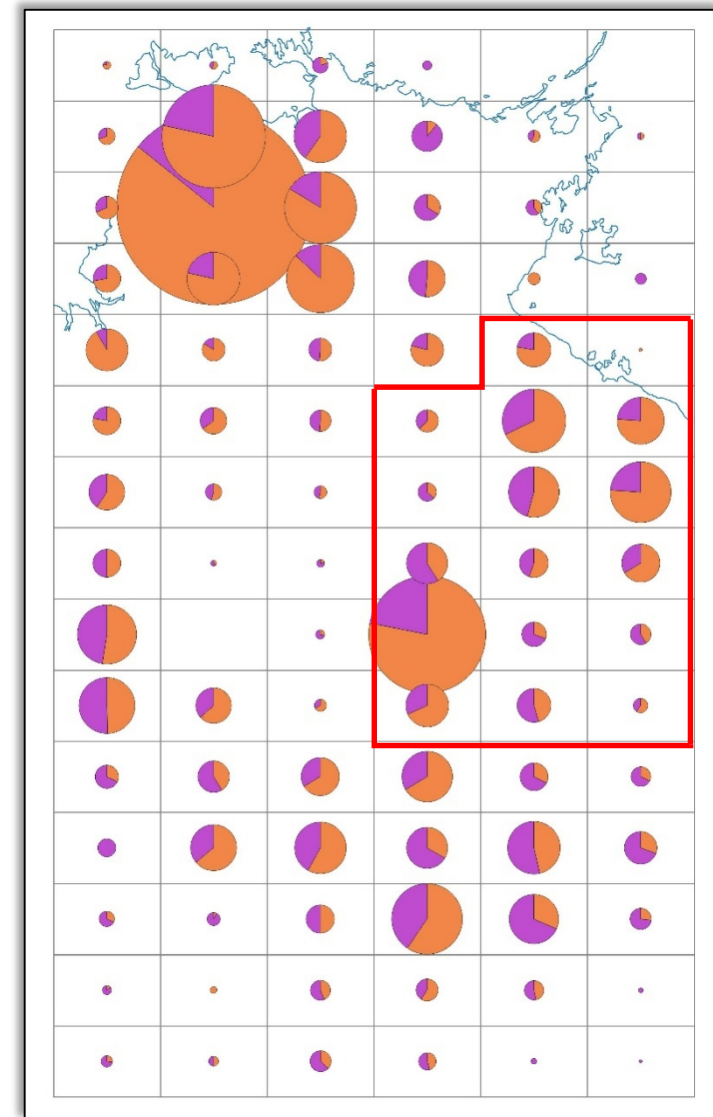
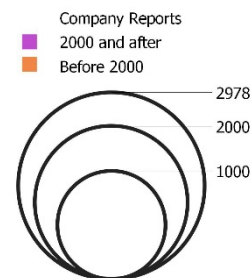


New products

Industry drilling and geochemical data

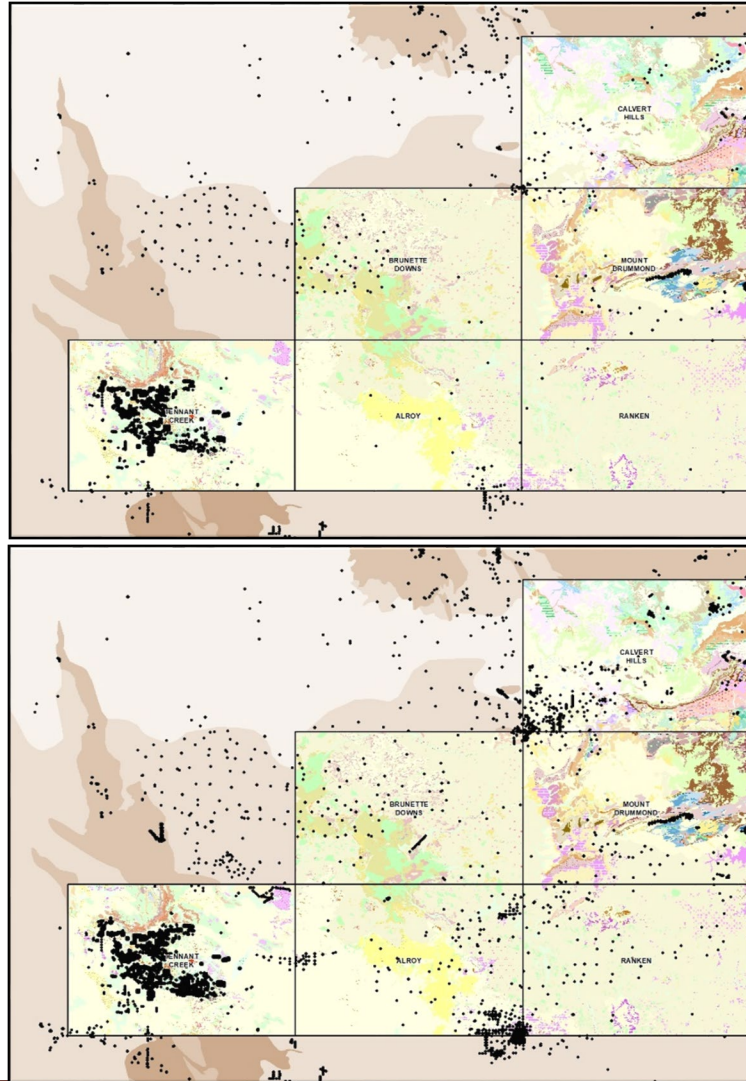
Capture of legacy drilling and geochemical data on ceased titles

- Approximately 12,100 reports across the NT
- Reports identified using MEX keywords
- Large volumes of data, duplication, mixture of hard copy and digital, repeats ➡ complexity
- Phase 1 – capture of data from reports that have no data already entered in the database
- Initial focus on the Tennant Creek and Barkly Regions to the Queensland border – approximately 2900 reports



Geochemistry and drilling – Tennant Creek – Barkly Region

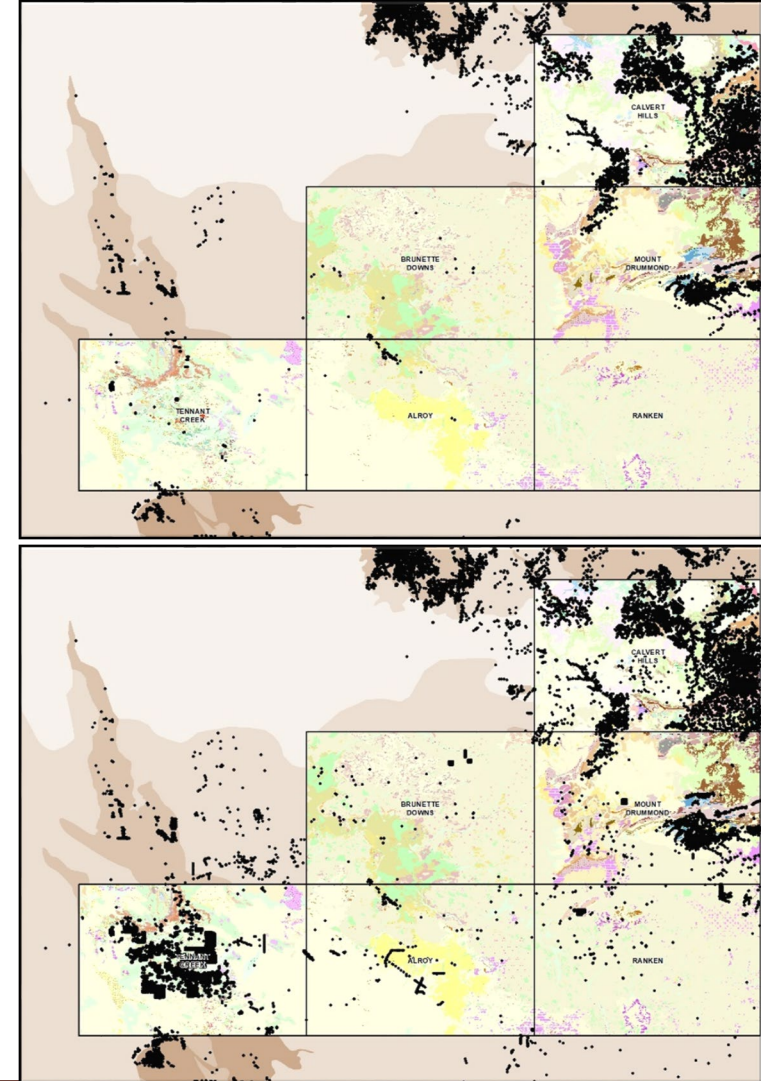
DRILL HOLES



2019

2021

SURFACE SAMPLES



Geochemistry and drilling – 2020-21 data releases

Data Type	DIP 001 March 2020	DIP 001 April 2021	2020-2021 Release
Drill hole collars	161,800	220,300	58,500
Drill samples	783,200	1,418,700	635,500
Surface samples	296,700	358,300	61,600

Note: figures rounded to nearest hundred

- Includes legacy and routinely open filed data

Legacy data captured from:

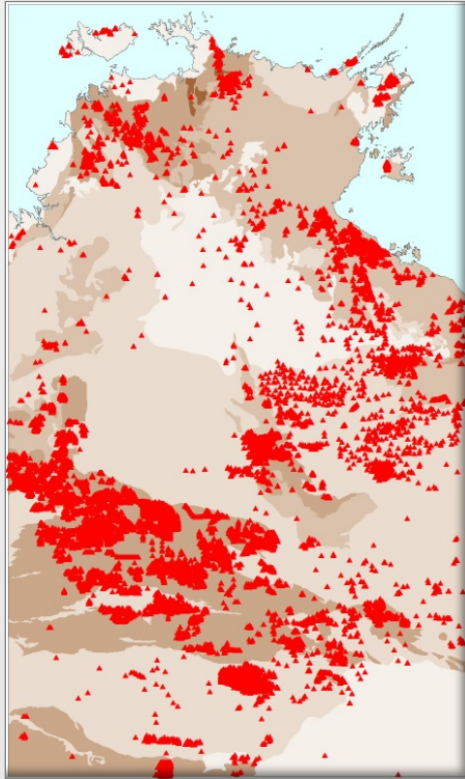
- Flynn, Tennant Creek, Kelly, Barkly and Gosse River 100k map sheets – completed (475 reports)
- Alroy, Ranken, Mount Drummond, Brunette Downs and Calvert Hills 250k map sheets (557 reports) – completed
- Walhallow 250k map sheet (235 reports) – in progress

Geochemistry and drilling – Data distribution

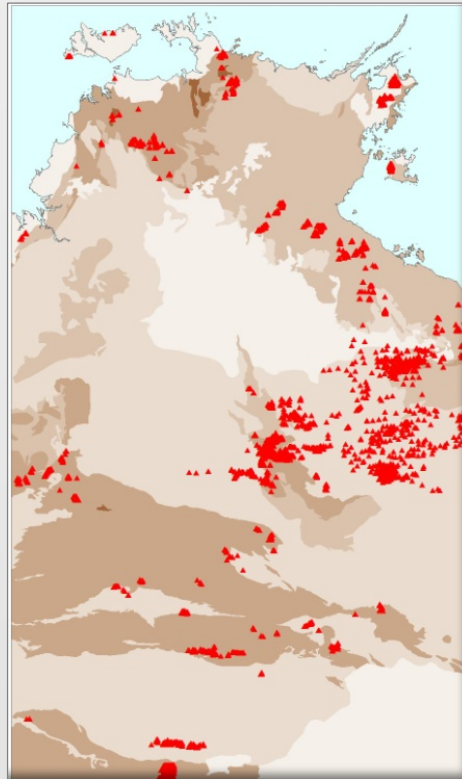
As at 14 April 2021

DRILL HOLES

>220,000 total

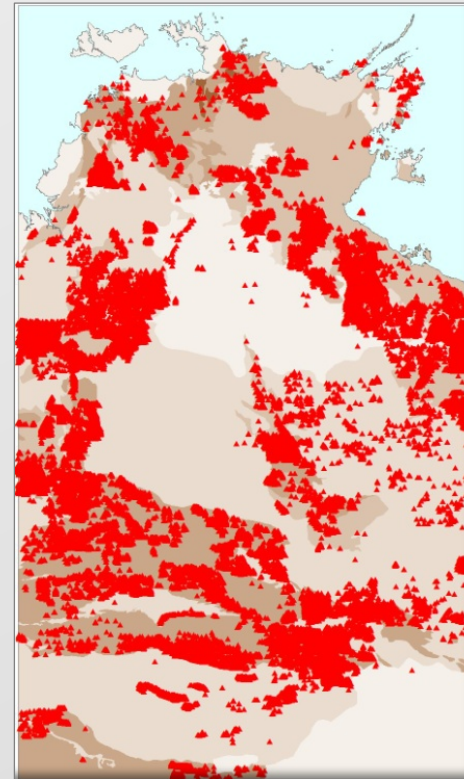


>58,000 new

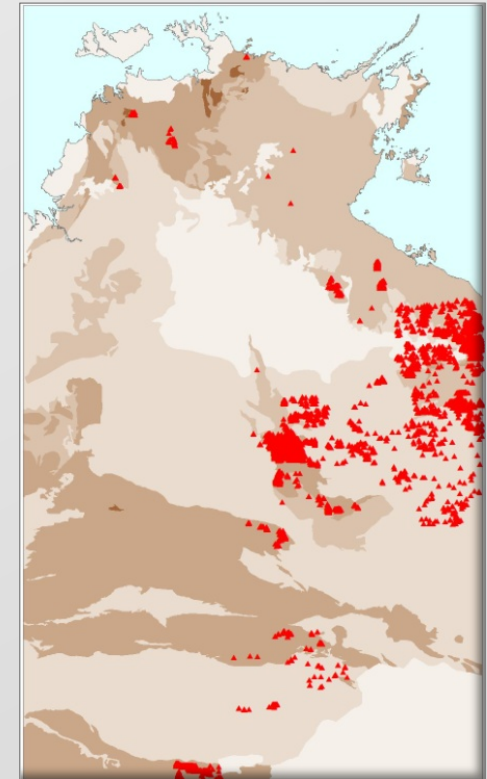


SURFACE SAMPLES

>358,000 total



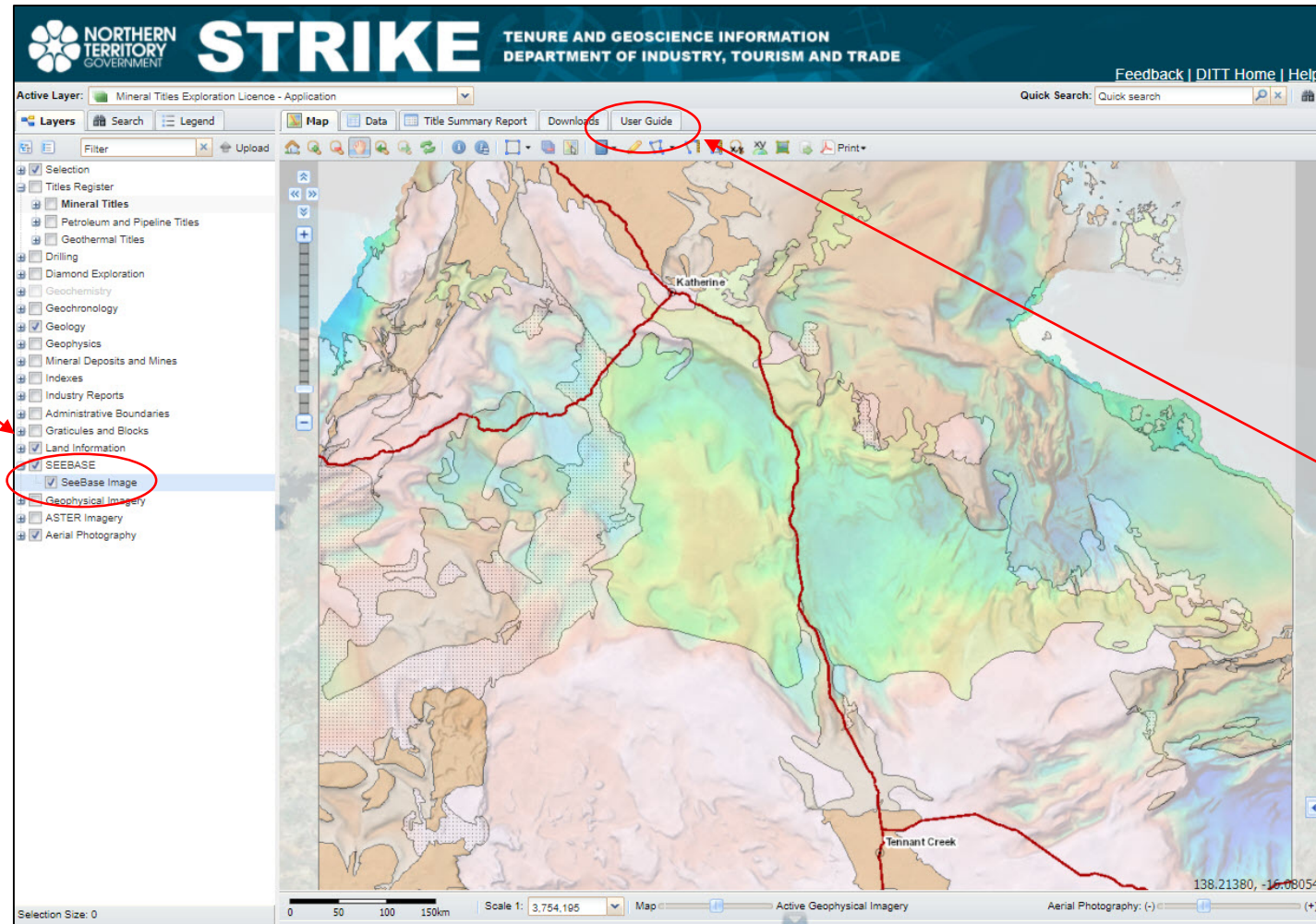
>61,000 new



STRIKE – strike.nt.gov.au

- New NT SEEBASE image
- Updated to secure website

<https://strike.nt.gov.au>



Coming soon....

User guide tab

- improved access
- updated

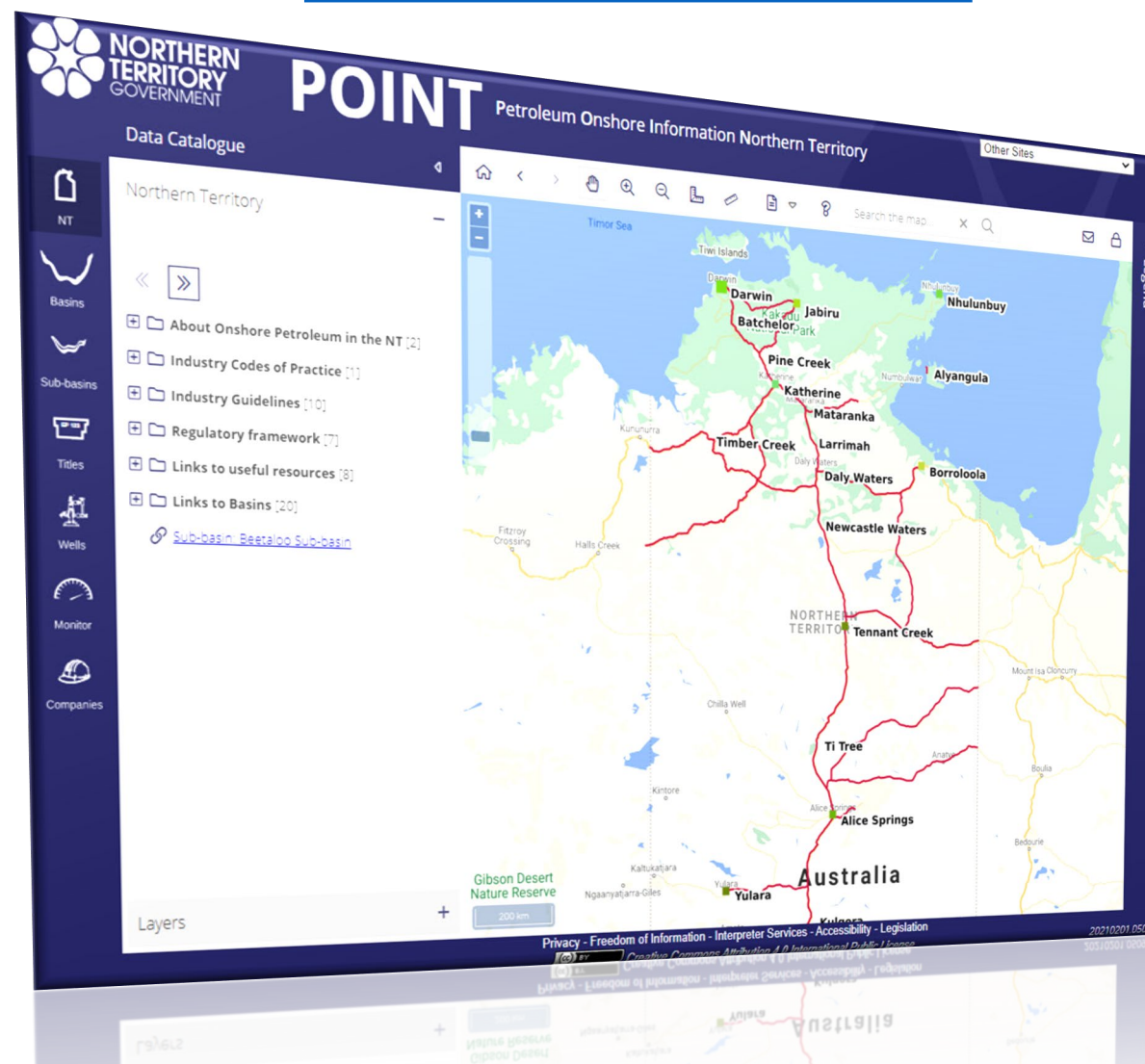
POINT - Petroleum Onshore Information Northern Territory

<https://point.nt.gov.au>

- Released 17 February 2021
- Provides information on proposed and approved activities, including:
 - environmental approvals
 - environment management plans
 - monitoring data
 - compliance reporting

And relating to:

- Our regulatory framework
- Industry codes of practice and guidelines
- Geological basins and sub-basins
- Petroleum titles
- Petroleum wells
- Companies with petroleum interests



POINT – Data Catalogue

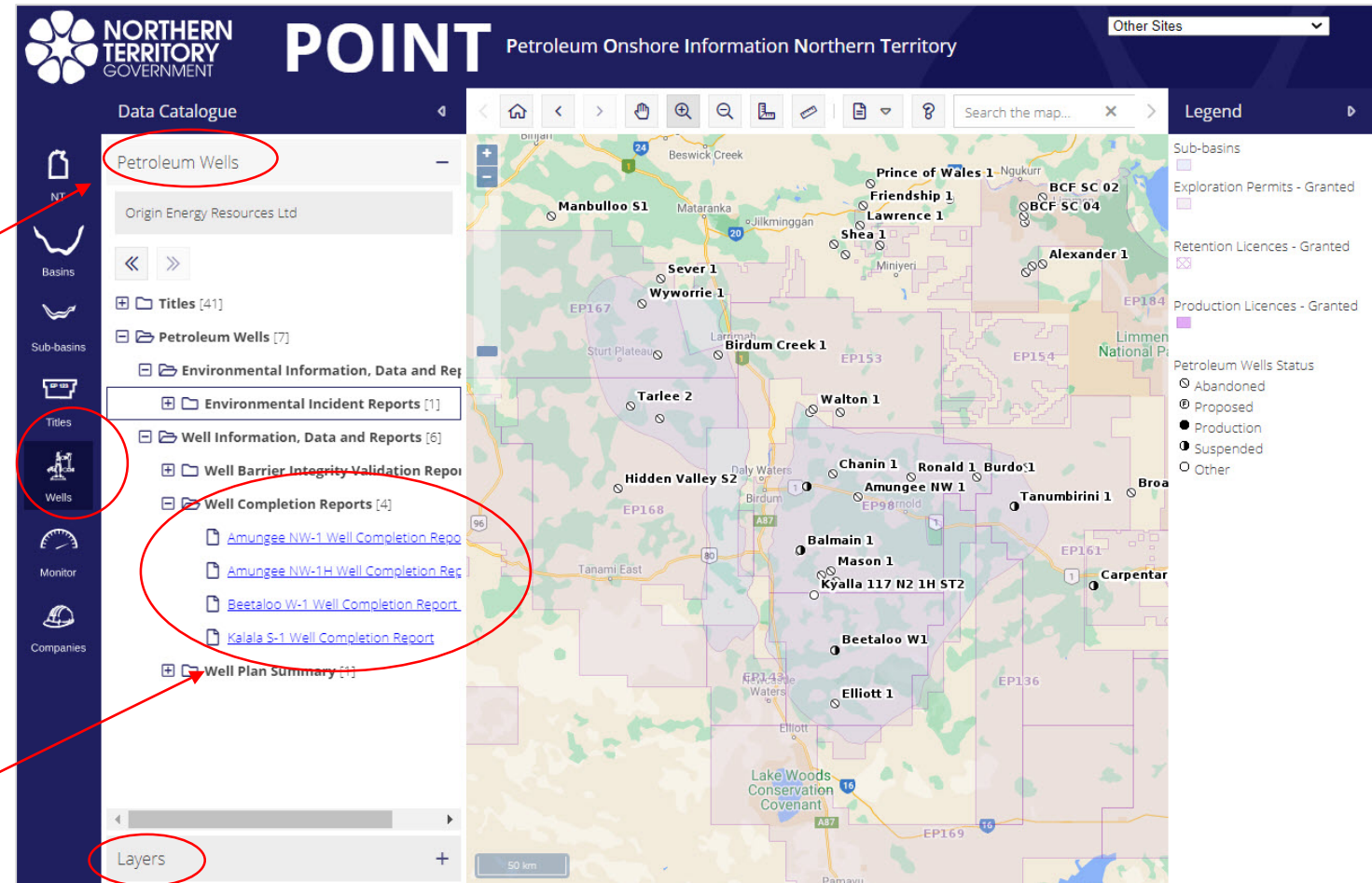
Focussed on environmental data and reports, including environmental management plans, well integrity, water bore data

Navigate data catalogue by mode:

- NT wide/general
- Basins and sub-basins
- Titles
- Wells
- Monitoring (water)
- Companies

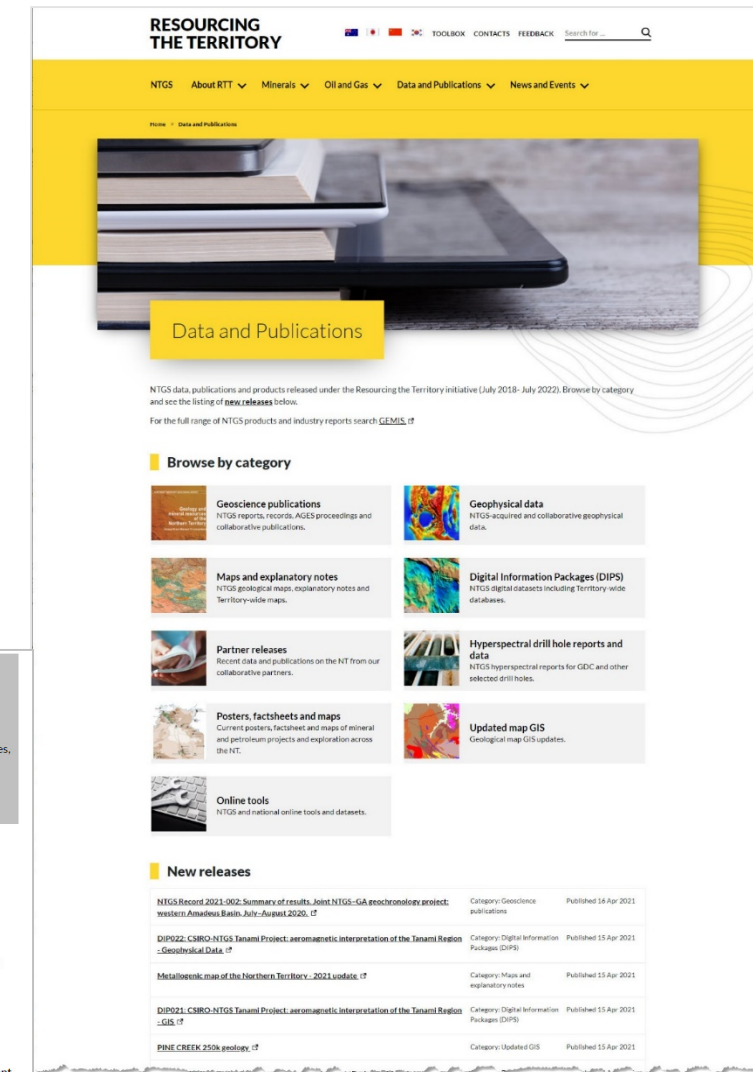
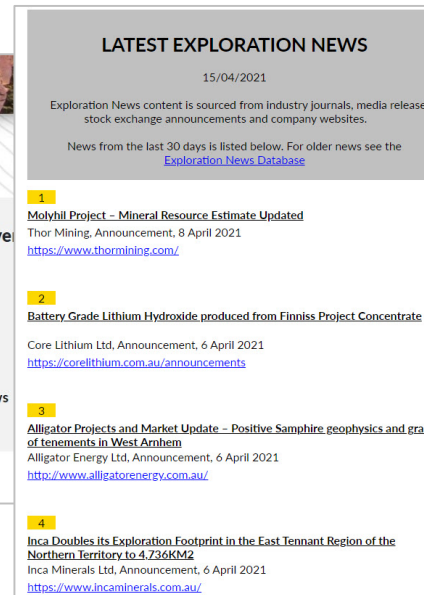
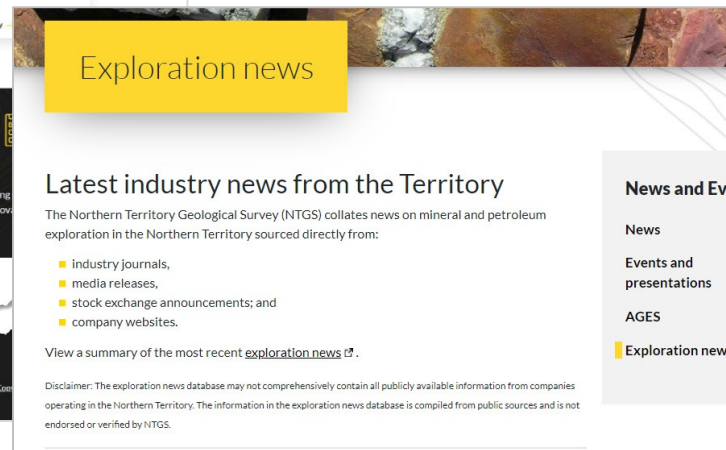
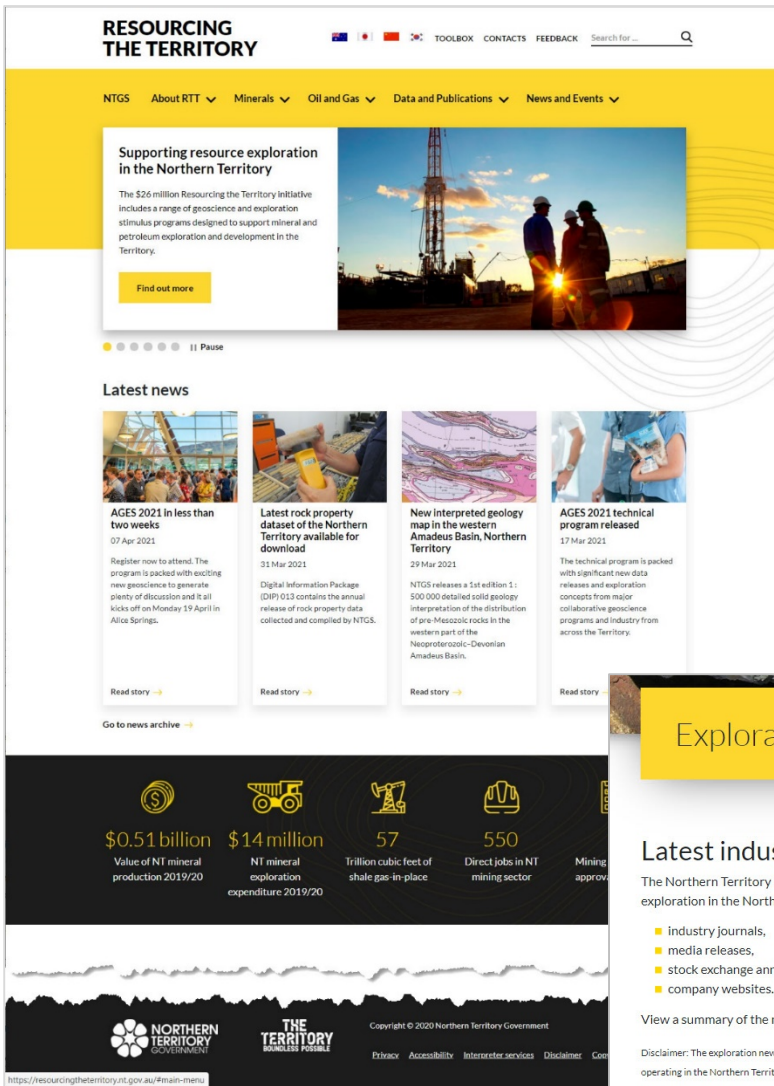
Well reports

- Links to GEMIS for well completion reports

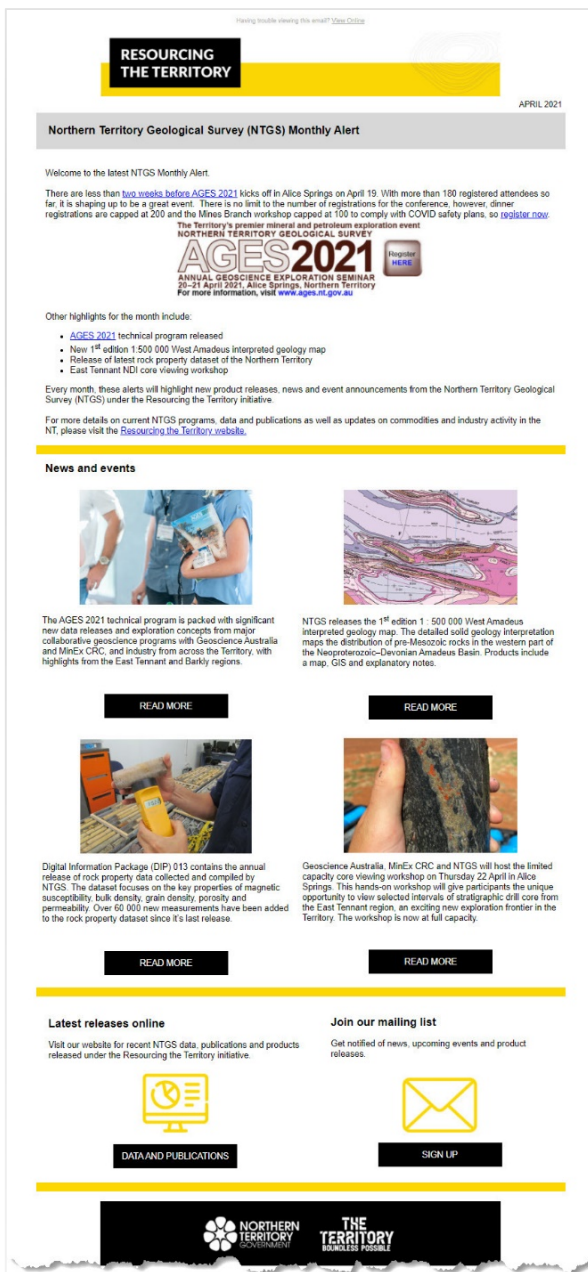


Resourcing the Territory

- News and events
 - latest news on home page
 - Exploration News – improved results display
- Data and Publications – recent releases



resourcingtheterritory.nt.gov.au



NTGS Monthly Alert

- *NTGS Update* has been refreshed and integrated with our Resourcing the Territory mailout
- The *NTGS Monthly Alert* brings the latest news from NTGS including updates on events and new releases from the Resourcing the Territory initiative.
- First issue of NTGS Monthly Alert October 2020
- Receive notifications of news, upcoming events and product releases from us - subscribe online



Join our mailing list

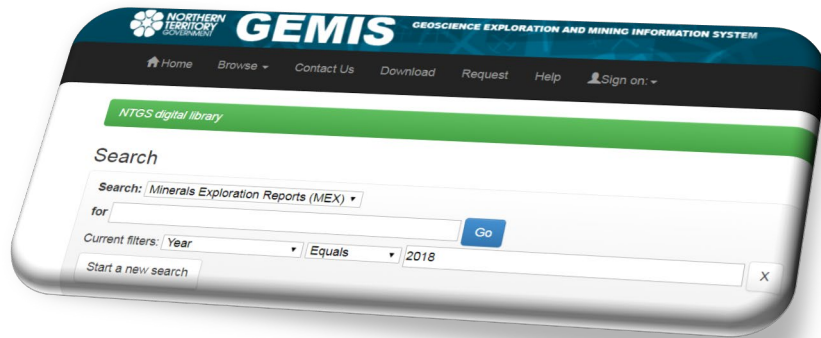
Get notified of news, upcoming events and product releases.

[Sign Up](#)

Industry reports

PEX

Commenced digitising hard copy well logs and seismic sections



- Digitised various logs of 20 wells in McArthur Basin / Beetaloo Sub-basin, Amadeus Basin and Georgina Basin
- Vectorised 10 lines of Kilgour 2D SS 1992 in McArthur Basin (EP25)

MEX - Last 12 months

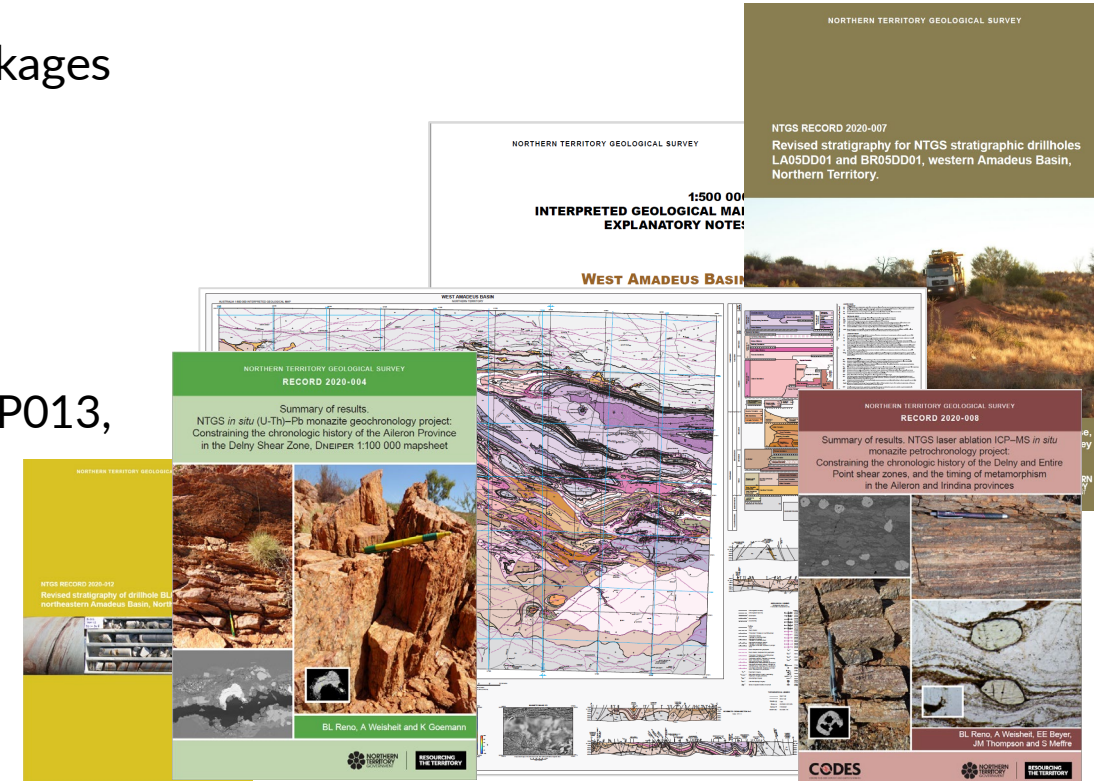
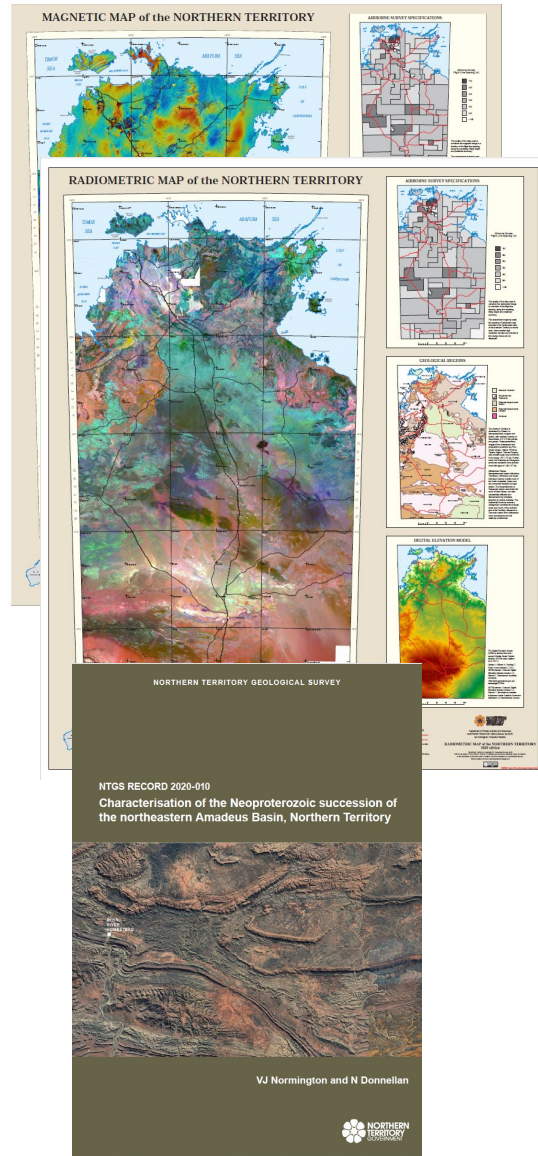
- Reports received 2013 to 2014 have been released under the five year sunset clause of the *Mineral Titles Act*
- ~ 1200 reports were open filed in 2020
- 1220 MEX records have had geophysical datasets added for download over the last 3 years (478 March to October 2020) – 2043 CRs with data in GEMIS

New NTGS Products

- NT wide magnetic, radiometric and gravity grids, images and maps (2020)
- West Amadeus Basin 500k map, explanatory notes and GIS
- 4 revised 250k GIS datasets and 3 new 100k GIS datasets
- 9 new DIPs including 2 x NT SEEBASE, 6 x Warramunga Province mineral deposit series
- 20 HyLogger Data Packages
- 14 new Records

Just released

- AGES 2021 Proceedings
- Metallogenic Map of the NT (2021)
- Updates to DIP001, DIP003, DIP008, DIP013, DIP014
- 3 new DIPs – 2 x Tanami aeromagnetic interpretation (NTGS and CSIRO) and compilation of industry geophysical data over Tennant Creek and Rover mineral fields





GIS 250k map datasets

- Review of datasets identified varying quality issues in 2019
- Revisions and re-release of datasets, including ESRI shape format in progress
- Since 2019, 31 datasets re-released
- Calvert Hills, Beetaloo, Alroy, Pine Creek completed in last 12 months
- Darwin, Alice Springs coming soon
- Huckitta, Illogwa Creek, Green Swamp Well and Lander River next....

Feedback and Requests



geoscience.info@nt.gov.au
or 08 8999 6443

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3rd Floor, Paspalis Centrepont Bldg,
Smith St Mall, Darwin



Arid Zone Research Institute
Stuart Highway, Alice Springs