



Map Tools

Hover the mouse over a tool to view a short description.



Map screen display tools, from left:

Reset to NT, Zoom in, Zoom out, Pan, Previous extent, Next extent, Refresh

Latitude / Longitude: -14.50565, 132.29165 GDA94

Draw a rectangle and zoom to your area of interest.

The **coordinates** for the cursor location on the map screen are displayed in Latitude/Longitude using Decimal Degrees in Datum GDA94 (Geocentric Datum of Australia 1994).

Mark-up and measurement tools, from left:



1. Drawing tools: click the pen to open the set of drawing tools. Draw points, lines, polygons and text annotation on the map screen. Users may change the colour, line weight, line styles and transparency display settings. Mark-ups can be exported to shapefile or KML.

2. Digitise map coordinates: Draw a polygon on the screen and export the coordinates to a text file. Click on the map to digitise one or more points.

3. Measure Distance: Click the start and end of a line segment; double click to finish.

4. Measure Area: Click the start point of a polygon area, continue to click on the perimeter of the polygon; double click to finish.

5. Coordinate Zoom: Enter coordinates and a symbol will mark the location.

6. Data Export: Features on the map screen - DEPWS data may be exported in a range of formats. Contact other custodians to access their data.

6. Data Export—Selected features: Select features first (DEPWS only) to export to a range of spatial formats.

Map Tools



Upload your own data

Click the up-arrow to upload a range of data formats. The layer can only be viewed, not queried. The drawing tools also have an upload tool; save data in your redlines store.

Filter the data layers

Enter a key word, eg Land, to find all layers containing this word. Click on the x to go back to the full list of layers.

Context menus

Right mouse click on the map screen for a list of handy tools, including; Identify (active layer), Current coordinates (copy to your computer), Zoom to selection and clear selection

Bookmarks - Personal (blue) or Published (yellow)

Bookmarks save layers, location and drawing mark-ups. Save your NR Maps session to view later or send to a colleague. View published bookmarks created by administrators.

Print a map

Click on the Print tool to create an A4 or A3 map (PDF). A legend will display all visible layers.

Need some help?

[What's new?](#) | [Geospatial resources](#) | [Contact us](#) | [Help](#)

What's New? Keep up to date - new layers and functions.

Geospatial Resources View resources from DEPWS.

Contact us Please email us with questions or suggestions.

Help User Guides (PDF)

NR Maps is managed by Geospatial Services Branch, **Department of Environment, Parks & Water Security (DEPWS)**

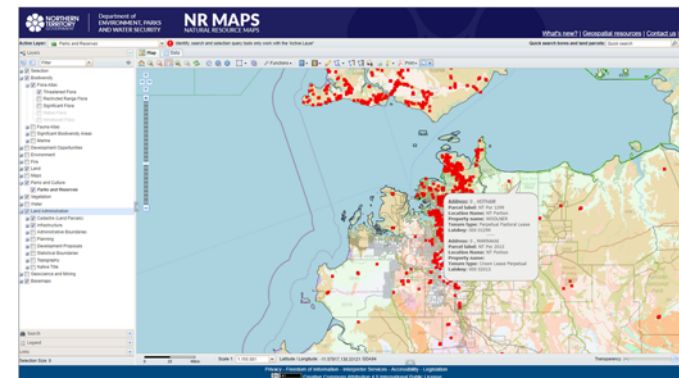
If you are seeking DEPWS spatial data that is not displayed or unavailable for download, please contact us.

Phone (08) 899 94579

Email datarequests.DEPWS@nt.gov.au

NR MAPS

Natural Resources Maps is a free web mapping tool to discover, research and map, natural resource information for the Northern Territory.



nrmmaps.nt.gov.au

NR Maps web mapping application contains a range of data layers, map products and mapping functions. Users can;

- * Display, select and query data layers sourced from a range of Government agencies
- * Data includes: Land, soil, water and vegetation resource surveys, flora and fauna species, weeds, bores and water management areas, and Parks and Reserves.
- * Right mouse click on a layer to view Metadata record
- * Download DEPWS layers and export query results
- * Download DEPWS map products (pdf)
- * Upload your own data in a range of formats
- * Draw redline mark-ups and export to shapefile/KML
- * Create an A4/A3 map (pdf) to print and save

NR Maps is currently not suitable for mobile devices.

Updated: 19 October 2020



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See left panel on screen. Open or close each menu.



Layers

- * The Data Layers are displayed in groups of Themes.
- * Open each folder to reveal the data layers.
- * Tick the data layer to display on the Map Screen.
- * If the layer name is grey, hover the mouse to view visible scale dependency; zoom in to see data
- * Data layers are sourced from a range of government agencies. For custodian and data details, right mouse click on a data layer and select Metadata.
- * Only DEPWS data may be exported from NR Maps.
- * Change Basemaps background to suit: eg NTG aerial photography, Google Maps, Satellite or Hybrid.

Search

- * Spatial search functions only available for the Active Layer. Enter attribute details to locate features on the screen.
- * Not all layers have search functions.

Legend

- * The legend will show symbology for layers that are ticked ON and displayed on the map screen.
- * Eg. Bores are displayed with a Yield Class category.
- * The legend will display in a map created by the user.

Links Review a list of useful mapping websites.



Top Tips!

- F11** Maximise the screen space
- F5** Restart the application

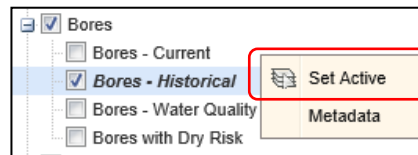
The Active Layer

Very important! Identify, search and selection query tools work with the active layer. Change the active layer as required.

When you start using NR Maps, cadastre (land parcels) is the active layer; stored under folder Land Administration.

- The active layer is listed using **bold italic text**
- Only 1 layer can be active at a time

How to change the Active Layer



- Select a layer
- Right mouse click
- Set Active

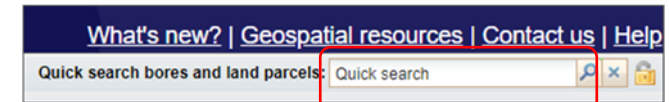
Identify and Selection Tools for Active or Visible Layers



Tools from left:

- 1. Identify visible layers based on selected features:** Select at least 1 feature using the active layer; then click this tool to review all intersecting visible layers.
- 2. Identify visible layers using rectangular selection:** Draw a rectangle on features to review intersecting visible layers.
- 3. Identify for active layer:** Click on a feature on the map. A new window will display data results.
- 4. Selection Tools for active layer:** To open these tools, click on black down arrow.
 - * Select features on map using a rectangle, circle, point, polyline or polygon; then add, remove or refine features
 - * Selected features are **highlighted in blue**.
 - * Descriptions about the selected features are in the Data Tab (top of screen) or Data Panel (bottom of screen).
 - * Export the data results to excel or html.
 - * Web links connect users to other information (eg bore reports, map products, reports and documents)
- 5. Clear Selection:** Stop/clear current feature selection

Quick Search



Only Land Parcel details or Registered Bores (current or historical) may be entered in the Quick Search field.

Land parcel details are related to the cadastre layer and include: Street name and number, Parcel Number, NT Portion, Property Name, Suburb.

Cadastre will automatically become the active layer when Quick Search is used.



Start typing, the text search is predictive.

Click on a record from the quick search results to zoom to the **highlighted** selected parcel.

Parcel details are displayed in the Data Tab (top of screen) or Data Panel (bottom of screen) - to open, click on arrow in centre of screen below the map screen.

Registered bores are prefixed with RN and have 6 digits. For example, enter **RN007078**

Either current or historical bores will automatically become the active layer.

Select the bore to zoom to the **highlighted** point.

Bore details are displayed in the Data Tab (top of screen) or Data Panel (bottom of screen).



Click on the Bore Report web link to view the pdf or Export the results in XLS format and save to your computer. Details about how to work with export results is described in the NR Maps user guide, *How to Find a Bore and Bore Report*.