

Biophysical Classes

- POTENTIAL DEVELOPMENT CLASSES and GROUNDWATER DEPENDENT POTENTIAL DEVELOPMENT CLASSES**
- **Class 1 GOOD** - Areas with the highest potential for development
 - **Class 2 MODERATE** - Areas with some limitation to development
 - **Class 3 NOT RECOMMENDED** - Areas with major constraints to development
 - **Class 0 Not assessed**

- GENERAL LAND CAPABILITY CLASSES**
- **Class 2 MODERATE** - Land with only moderate limitations
 - **Class 3 MARGINAL** - Land with severe limitations
 - **Class 4 NOT SUITABLE** - Land with extreme limitations

- RISK TO BIODIVERSITY CLASSES**
- **Class 1 NIL** - Highly modified
 - **Class 2 LOW** - No significant biodiversity value
 - **Class 3 UNCERTAIN** - Requires further biodiversity assessment
 - **Class 4 MODERATE** - Sensitive and/or significant biodiversity
 - **Class 5 HIGH** - High biodiversity value
 - **Class 0 Not assessed**

- GROUNDWATER RESOURCE RISK CLASSES**
- **Class 1 LOW** - Fresh and annual recharge
 - **Class 2 MINOR** - Fresh but limited annual recharge
 - **Class 3 MODERATE** - Fresh to brackish and saline impacted
 - **Class 4 HIGH** - Brackish and saline impacted
 - **Class 0 Not assessed**

Note
General Land Capability Class 1 not present in this survey.
Descriptions about how the classes were generated can be viewed in the report, *Development Potential of the Gunn Point Area (2020)*.

IMPORTANT NOTICE
The Department of Environment and Natural Resources has made every reasonable effort to provide current and accurate information, but it does not make any guarantee regarding the accuracy, currency or completeness of the information.
This information is intended as a guide only. It does not constitute professional advice and should not be relied upon for legal, development, investment or other decisions. You should obtain professional advice relevant to your specific circumstances and needs.

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MAPPING THE FUTURE PROJECT - GUNN POINT
The project has identified land capability, water availability and biodiversity values to support land planning and inform development potential over the Gunn Point area.
Reports and maps can be viewed from the Mapping the Future web page:
denr.nt.gov.au/Development/Opportunities

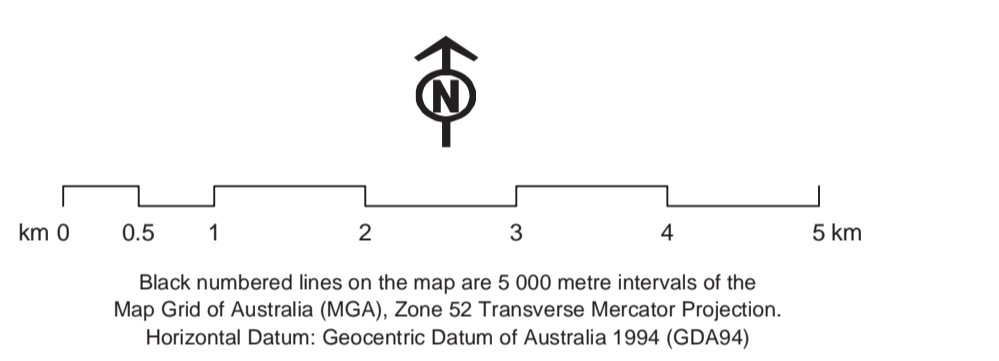
- Development Potential of the Gunn Point Area (2020)
- Biodiversity Assessment of the Gunn Point Area (2020)
- Groundwater Resources of the Gunn Point Area (2020)
- Marine and Coastal Biodiversity Assessment of the Gunn Point Area (2020)
- Soil and Land Resources of the Gunn Point Area (2020)
- Soil and Land Suitability Assessment for Irrigated Agriculture in the Gunn Point Area (2017)
- Vegetation Communities of the Gunn Point Area (2020)

Bibliographic reference
Cruckshank, S. (2020). *Mapping the Future Project - Gunn Point. Development Potential of the Gunn Point Area. Technical Report 3/2020*. Department of Environment and Natural Resources, Darwin, NT.

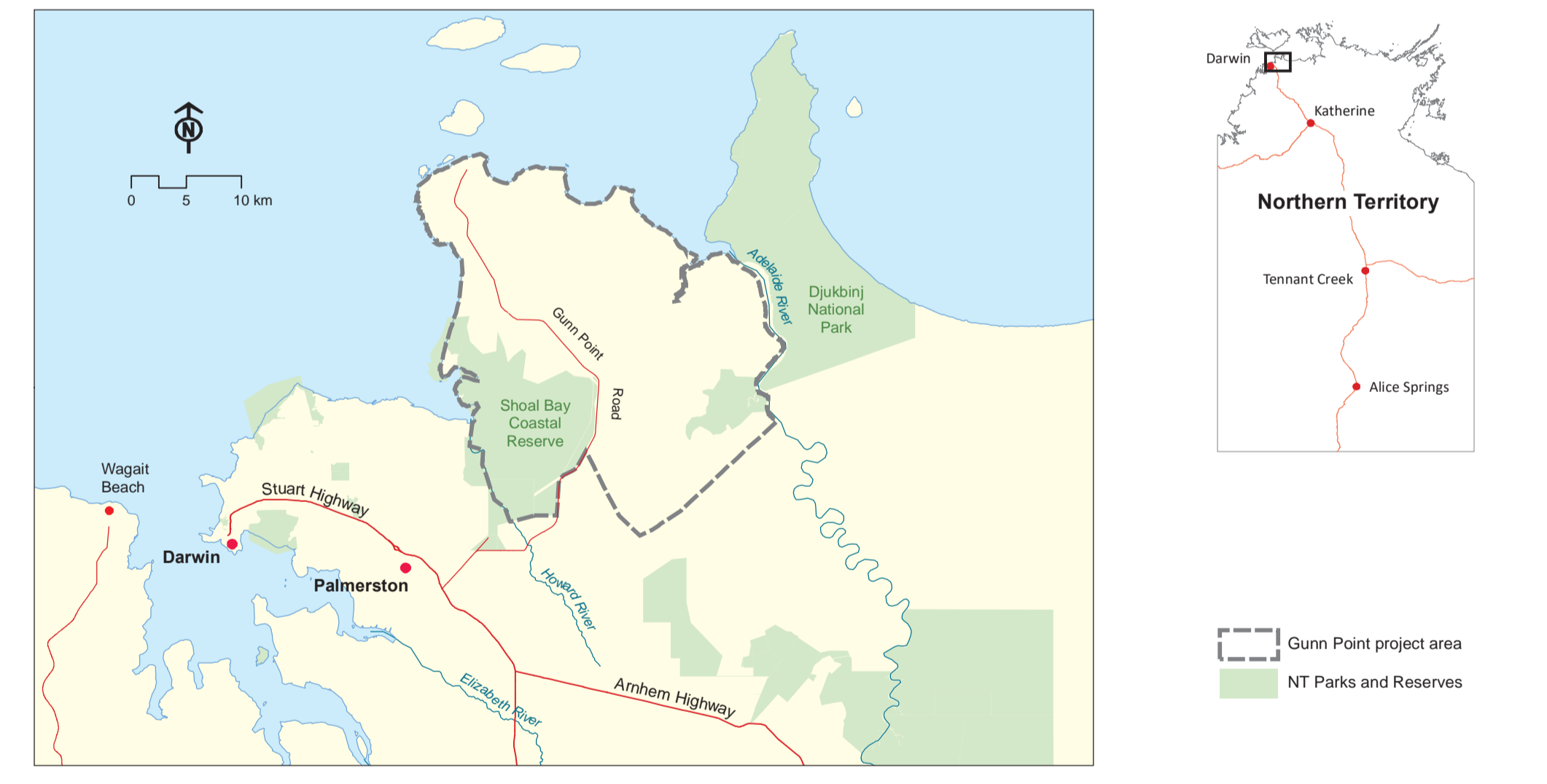
Technical references
Richardson, S., Irvine, E., Freund, R., Boon, P., Barber, S., and Bonneville, B. (2011). *Australian groundwater-dependent ecosystems toolbox part 1: assessment framework*. Waterlines report, National Water Commission, Canberra.
Executive Steering Committee for Australian Vegetation Information (ESCAVI) (2003). *Australian Vegetation Attribute Manual: National Vegetation Information System, Version 6*. Department of Environment and Heritage, Canberra.
National Committee on Soil and Terrain (2009). *Australian Soil and Land Survey Field Handbook, Third Edition*. CSIRO Publishing, Melbourne, Victoria.
Isbell, R.F. and National Committee on Soil and Terrain (2016). *The Australian Soil Classification, Second Edition*. CSIRO Publishing, Clayton South, Victoria.

Data Source
Biophysical Classes: Water Management; Department of Environment and Natural Resources
Cadastral/Roads/PlaceNames: Department of Infrastructure, Planning and Logistics
Drainage: 250k Commonwealth of Australia (Bureau of Meteorology) 2014

- Legend**
- Gunn Point project area
 - Proposed Water Management Zones
 - Groundwater resource fully allocated as at March 2020
 - NT Parks and Reserves
 - Land Parcels
- Tenure**
- Freehold
 - Pastoral Lease
 - Crown Lease Perpetual
 - Crown Land
 - Government Use
 - Reserve
 - Other Leases



Study Area Location Map



Map production: June 2020, Drawing Ref: DENR2020009
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Biophysical Classes of the Gunn Point Area

About this PDF map
This is an interactive PDF map best viewed on screen using Adobe reader. If using Adobe Reader DC protected view, enable all features to see the map layers.
- Open folders in the left pane to view the individual map layers
- Users may show or hide map layers
- Turn off colour filled layers above as they will mask the layer below
- Tiles will automatically turn on to match the Biophysical Classes
- Only display one class at a time, so the tiles do not merge
- To print this map, use page size A0 with no scaling

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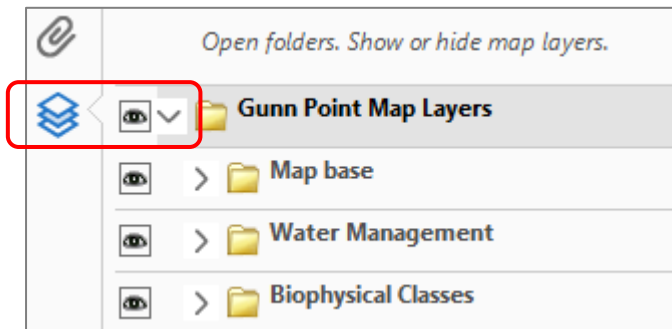
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Biophysical Classes of the Gunn Point Area – Interactive PDF Map

Interactive layers are not visible via web view. Download the PDF map to your computer.

[Click here to view the map](#)

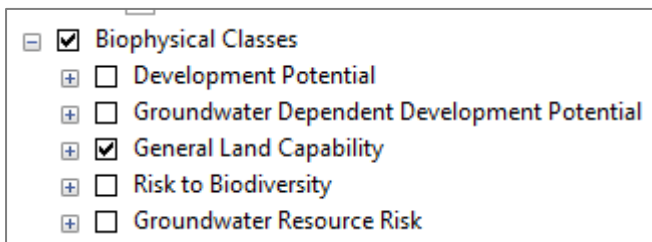
About viewing this interactive PDF map using Adobe Reader



This interactive PDF map contains layers.

Using Adobe Reader, open the left panel to reveal the map layers.

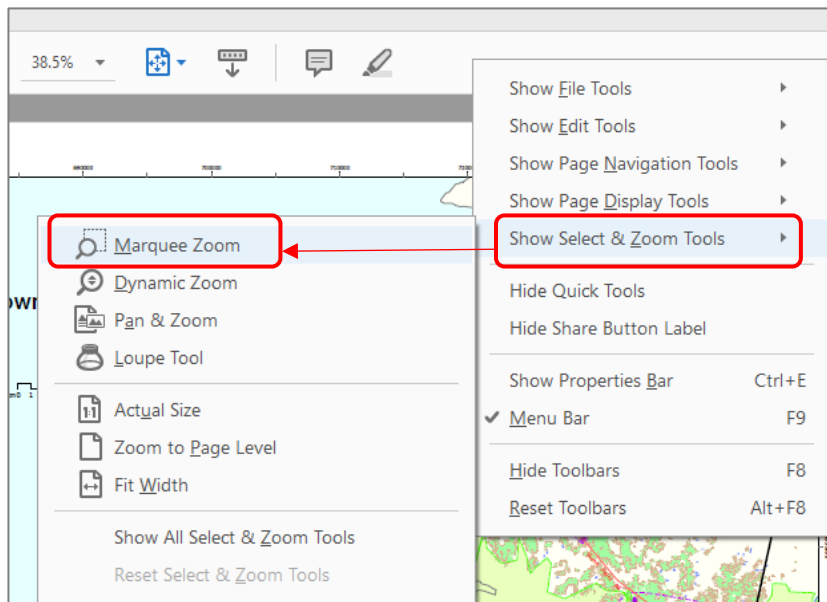
Open each folder to see the individual map layers. Show or hide each map layer.



Turn off colour filled layers above as they will mask the layer below.

Titles will automatically display for each of the Biophysical Class layers.

Only display one class layer as the titles will merge.



How to add new Adobe tools

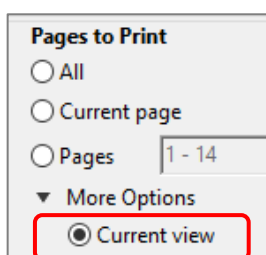
Right mouse click on the grey menu toolbar to see Adobe PDF viewing tools.

Tick the tool to add to the menu bar.

The **Marquee Zoom tool** is useful to view a small area on the map. eg zoom to the legend area.

Show Select & Zoom Tools > Marquee Zoom

To use: Click on the map and draw a rectangle to zoom to that location.



Printing

This map is best viewed on the computer screen.

The map is 110 x 79 cm. To print to a large format plotter, use page size A0 with no scaling. Only turn on one Biophysical Class so the titles do not merge.

A smaller area on the map page may be printed using the Current View printing option.