

Biophysical Classes

DEVELOPMENT POTENTIAL CLASSES and GROUNDWATER DEPENDENT DEVELOPMENT POTENTIAL 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

GROUNDWATER RESOURCE RISK CLASSES

- Class 1 **LOW** - Fresh, thick aquifer and shallow depth to groundwater
- Class 2 **MINOR** - Fresh, moderate aquifer thickness and/or moderate depth to groundwater
- Class 3 **MODERATE** - Fresh and thin aquifer
- Class 4 **HIGH** - Brackish to saline

RISK TO BIODIVERSITY CLASSES

- Class 1* **NIL** - Highly modified
- Class 2 **LOW** - No significant biodiversity value
- Class 3* **MITIGABLE** - Apply land management strategies
- Class 4 **MODERATE** - Sensitive and/or significant biodiversity
- Class 5 **HIGH** - High biodiversity value

GENERAL LAND CAPABILITY CLASSES

- Class 1 **HIGH** - Land with negligible constraints
- Class 2 **MODERATE** - Land with minor or moderate constraints
- Class 3 **MARGINAL** - Land with severe constraints
- Class 4 **NOT SUITABLE** - Land with extreme constraints

Note
* Class is not present in this survey

MAPPING THE FUTURE PROJECT - WADEYE

The project has identified land capability, water availability and biodiversity values to support land planning and inform development potential over the Larrimah area.

Reports and maps can be viewed from the Mapping the Future web page:
<https://depws.nt.gov.au/DevelopmentOpportunities>

- Development Potential of the Wadeye Area (2021)
- Biodiversity Assessment of the Wadeye Area (2021)
- Wadeye Region Water Resource Investigation (2020)
- Soil and Land Suitability Assessment for Irrigated Agriculture in the Nangu Area, Daly River/Port Keats Aboriginal Land Trust (2017)

Bibliographic references

Cruickshank, S. (2021). *Mapping the Future Project - Wadeye. Development Potential of the Wadeye Area.* Technical Report 14/2021. Department of Environment, Parks and Water Security, Darwin, NT.

Stokeld, D., Cuff, N., Leiper, I., Lewis, D., and Cowie, I. (2021). *Mapping the Future Project - Wadeye. Biodiversity Assessment of the Wadeye Area.* Technical Report 15/2021. Department of Environment, Parks and Water Security, Darwin, NT.

Zaar, U. and Bruwer, Q. (2020). *Wadeye Region Water Resource Investigation* Technical Report Number 10/2017. Department of Environment and Natural Resources, Palmerston, NT.

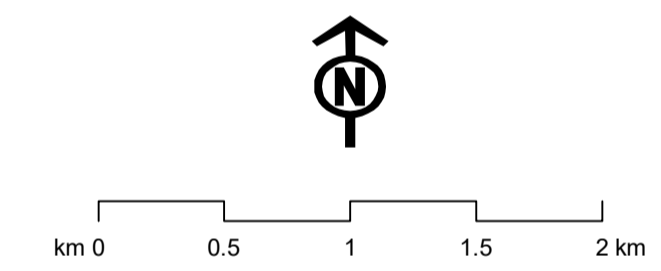
Burgess, J., McGrath, N., Andrews, K., and Wright, A. (2017). *Agricultural Land Suitability Series, Report 8. Soil and Land Suitability Assessment for Irrigated Agriculture in the Nangu Area, Daly River/Port Keats Aboriginal Land Trust* Technical Report 16/2017D. Department of Environment and Natural Resources, Darwin, NT.

Data source

Land Resources: Rangelands Division, Department of Environment, Parks and Water Security
Water: Water Resources Division, Department of Environment, Parks and Water Security
Biodiversity: Flora and Fauna Division, Department of Environment, Parks and Water Security
Cadastral/Roads/Placenames: Department of Infrastructure, Planning and Logistics
Drainage: 250k Commonwealth of Australia (Bureau of Meteorology) 2020

Legend

- Nangu Study Area



Black numbered lines on the map are 2 000 metre intervals of the Map Grid of Australia (MGA), Zone 52 Transverse Mercator Projection. Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)

Map production: May 2021. Drawing Ref: DEPWS2021043
C.Green. Geospatial Services, Department of Environment, Parks and Water Security



Mapping the Future Project - Wadeye

Biophysical Classes of the Wadeye Area

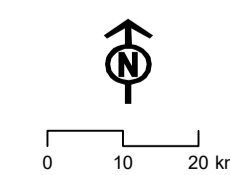
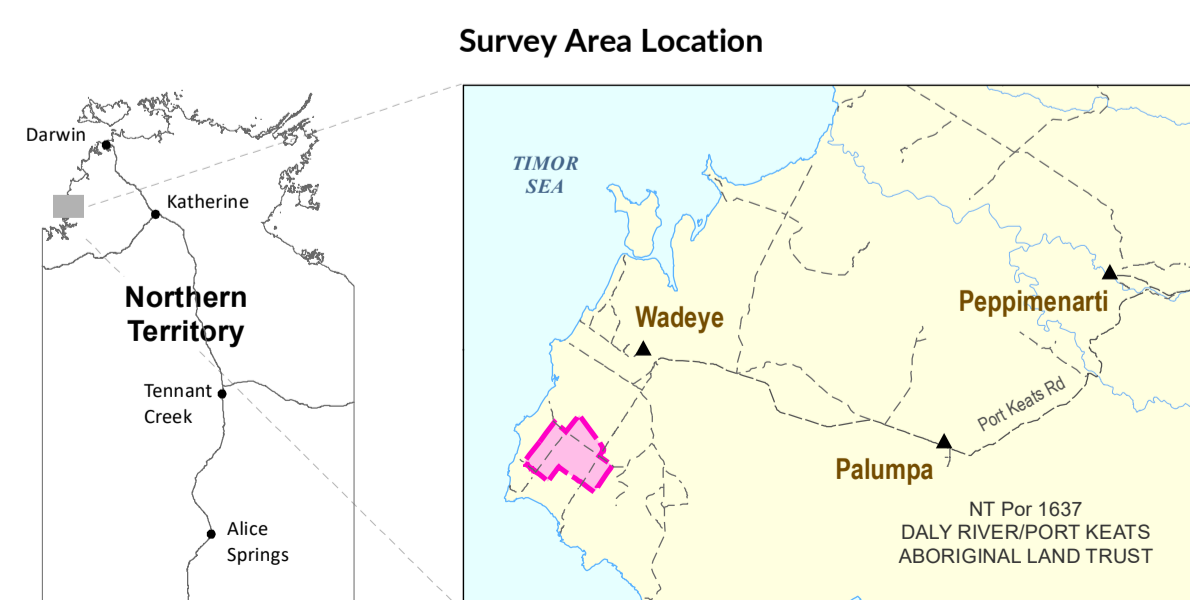
IMPORTANT NOTICE

The Department of Environment, Parks and Water Security has made every reasonable effort to provide current and accurate information, but it does not make any guarantees 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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- Legend**
- ▲ Community
 - Major Drainage
 - Nangu Study 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.

- Open folders in the left panel to view the map layers
- Show or hide map layers
- Turn off colour filled layers above, as they will mask the layer below
- Titles will automatically turn on to match the Biophysical Classes
- Only display one class at a time, so the titles do not merge
- To print this map, use page size A1 (841 x 594mm) with no scaling

Development Potential Classes

- Click on the Attachment icon in the left panel.
- Information about how the Development Potential Classes were derived is attached to this PDF.

For further information, contact:

Department of Environment, Parks and Water Security
Mapping the Future Project
Web: <https://depws.nt.gov.au/DevelopmentOpportunities>
Rangelands Division
Ph. (08) 8995 4478 Email: Rangelands@nt.gov.au
Level 3, Goyder Centre, 25 Chung Wah Terrace, Palmerston Northern Territory of Australia

Flora and Fauna Division
Ph. (08) 8995 5000 Email: Biodiversity.DEPWS@nt.gov.au
CSIRO Complex, Vanderlin Drive, Berrimah, Northern Territory of Australia

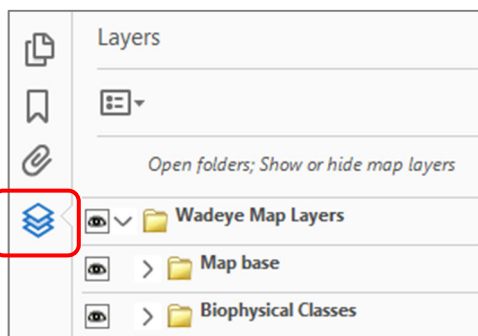
Water Resources Division
Ph. (08) 8995 4455 Email: WaterResources@nt.gov.au
Level 4, Goyder Centre, 25 Chung Wah Terrace, Palmerston Northern Territory of Australia

Biophysical Classes of the Wadeye Area – Interactive PDF Map

Map 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



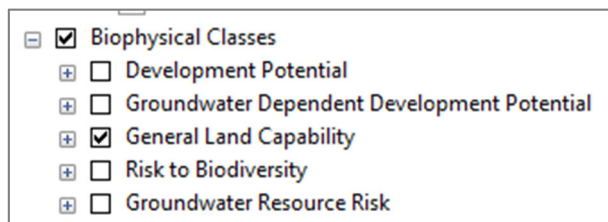
This interactive PDF map contains layers.

Using Adobe Reader, open the left side panel.

Click the layers icon to reveal the map layers.

Open each folder to see the individual map layers.

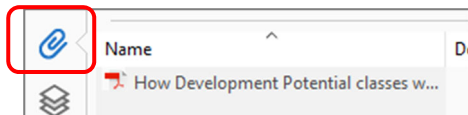
Click the eye icon to show or hide each map layer.



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

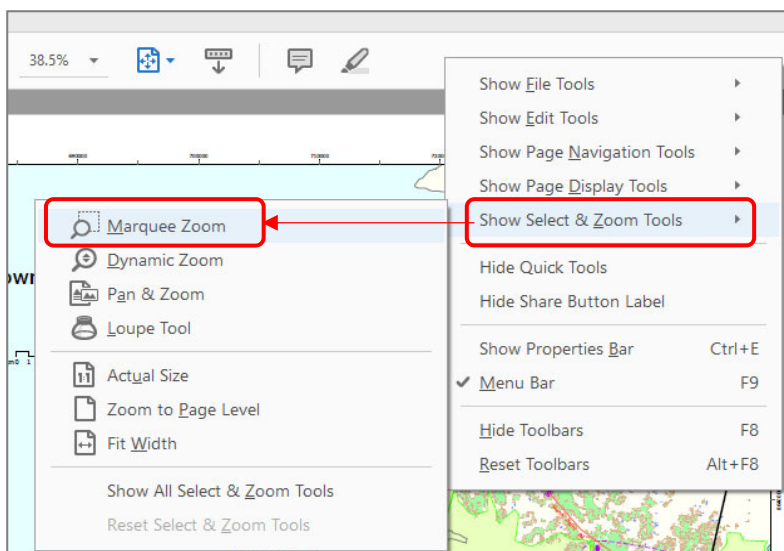
Titles will automatically display for each Biophysical Class layer.

Only display one class layer as the titles will merge.



View attachments

Click the attachment icon in the left panel. Information is provided describing how development potential classes were derived.



How to add new Adobe tools

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

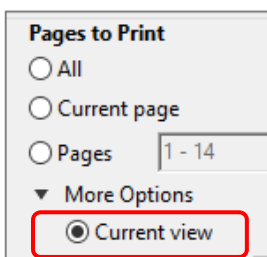
Tick the tool to add to the menu bar.

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 interactive PDF map is best viewed on the computer screen.

The map is 84.1 x 59.4 cm. To print to a large format plotter, use page size A1 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.