

Joins Sheet 2

Joins Sheet 4

**COMMUNITY DESCRIPTIONS**

- OPEN-FOREST**
- 1 *M. viridiflora*, *M. leucadendra* open-forest (floodplain fringes).
- 2 *M. cajuputi*, *M. viridiflora* open-forest (floodplain proper).
- 3 *M. cajuputi* open-forest with occasional *M. viridiflora* (floodplain proper).
- 4 *M. cajuputi*, *M. acacioides* open-forest (drainage depressions).
- 5 *M. leucadendra*, *M. argentea* open-forest (riparian/springs).
- 6 *M. leucadendra*, *M. cajuputi* open-forest (floodplain proper).
- LOW OPEN-FOREST**
- 7 *M. acacioides*, *M. dealbata* low open-forest (saline flat fringes).
- WOODLAND / OPEN-FOREST**
- 8 *M. viridiflora*, *M. leucadendra* woodland / open-forest (billabongs).
- 9 *M. viridiflora*, *M. stenostachya* woodland (drainage flats).
- 10 *M. viridiflora*, *M. leucadendra* woodland (river / creekline).
- 11 *M. leucadendra*, *M. viridiflora* open-forest (backplain / swamp).
- LOW WOODLAND**
- 12 *M. viridiflora*, *M. cajuputi* low woodland (drainage flats).
- 13 *M. nervosa*, *M. viridiflora* low woodland (drainage flats).
- WOODLAND / OPEN WOODLAND**
- 14 *M. cajuputi*, *M. leucadendra* woodland / open-woodland (floodplain / sedge/land).
- LOW WOODLAND / OPEN WOODLAND**
- 15 *M. citrolens*, *M. viridiflora* low woodland / open-woodland (drainage flats).
- 16 *M. citrolens*, *M. minutifolia* low woodland / open-woodland (plains / relict drainage lines-fringe areas only).
- 17 *M. stenostachya*, *Terminalia platytera* low woodland / open-woodland (plains / relict drainage lines-fringe areas only).
- 18 *M. minutifolia*, *M. sericea* low woodland / open woodland (plains).
- LOW OPEN-WOODLAND**
- 19 *M. minutifolia*, *M. viridiflora* low open-woodland (plains).
- 20 *M. acacioides*, *M. viridiflora* low open-woodland (plains).

**COMMUNITIES OF FORESTRY POTENTIAL**

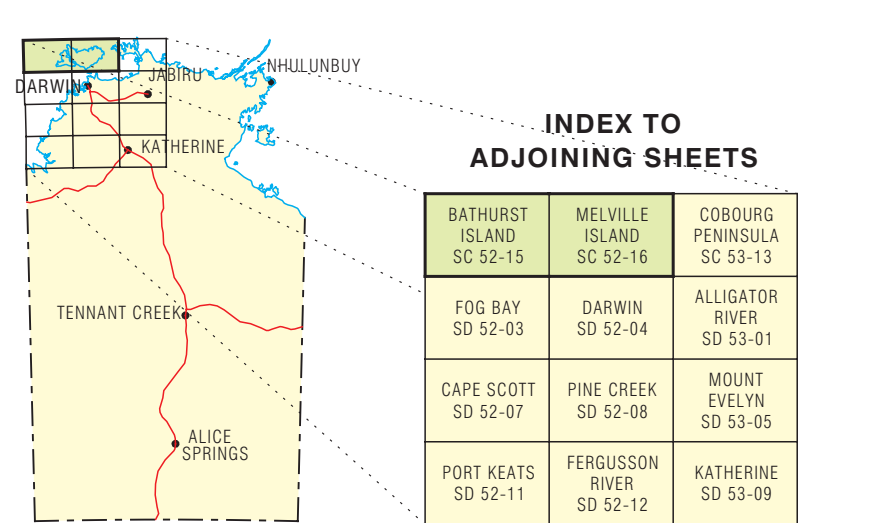
Community	Percentage Cover	Median Height (m)	Stems / ha	Stand basal area (D>10cm-30cm)	Bole volume	
1	60	16	719	68	27	110
2	29	14	907	58	20	85
3	58	14	916	82	15	73
5	20	16	705	36	48	184
6	60	17	632	48	30	92
8	20	13	432	18	26	62
10	36	12	495	44	10	45
11	40	17	517	18	26	119
12	30	7	495	42	3	21
13	40	7	495	42	3	14
14	38	12	495	42	3	38

\*\* Stand basal area: Square metres per hectare, live trees only  
Bole volume: Stand bole volumes in cubic metres per hectare for live trees and includes sawlogs, pole logs and pulp logs.

**LEGEND**

- Watercourse
- Perennial or ephemeral watercourse
- Perennial waterhole
- Dam
- Community boundary
- Road
- Landing ground
- Mountain/hill
- Population Centre / community

**MAP LOCALITY & 1:250 000 SHEET INDEX**



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Melaleuca forest boundaries were interpreted from black/white and colour aerial photography. Aerial photograph scales varied from 1:16 000 to 1:80 000. The quality and age of the aerial photography varied. Land sat TM scenes at 1:100 000 and 1:250 000 were used for areas where photography was unavailable. All areas discernible as melaleuca forests and greater than 0.4 hectares in size were mapped. Streamline forests or narrow fringing forests with long lineal extents and relatively small widths were buffered to form polygons. Interpreted patterns were transferred directly onto the AUSLIG 1:100 000 topographic map sheet series and digitised.

REFERENCE:  
P. Brocklehurst: MELALEUCA SURVEY OF THE NORTHERN TERRITORY. DOCUMENT 1. 'METHODOLOGY, VARIABLES and FIELD SHEET'. Internal Document. Natural Systems, DIPE, 1992.

P. Brocklehurst & D. Van Kerckhof: MELALEUCA SURVEY OF THE NORTHERN TERRITORY. DOCUMENT 2. 'METHODOLOGY and DATA-BASE DESCRIPTION'. Internal Document. Natural Systems, DIPE, 1994

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Mapunits by Brocklehurst, P. S. and Van Kerckhof, D.,  
Project coordination by P. Brocklehurst,  
Cartography by B. Edmeades, Spatial Data and Mapping,  
using Microstation graphic applications.  
Design File: Melville-500k\_Melaleuca.m52  
Plot File: Melville-500k\_Melaleuca

The Northern Territory accepts no liability for the accuracy of the information provided. Furthermore the Northern Territory of Australia does not warrant that this product contains the latest information available nor that the information is free from errors.

Auslig Topo-250k data supplied through Land Information Services,  
Department of Infrastructure, Planning and Environment,  
Darwin, Northern Territory of Australia.



Black numbered lines are 50000 metre intervals of the Map Grid of Australia (MGA), Zone 52 Universal Transverse Mercator Projection Horizontal Datum: GDA 94

Note:  
This map was produced on the Geocentric Datum of Australia (GDA94)

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**Northern Territory Government**  
Department of Infrastructure, Planning and Environment  
CONSERVATION and NATURAL RESOURCES GROUP

**MELALEUCA FORESTS OF THE NORTHERN TERRITORY**  
Melville Island Sheet 1