



### LAND UNIT DESCRIPTIONS

Code	Description
<b>LOW HILLS</b>	
<b>5a</b>	Undulating steep hillslopes. Red Kandosols. Eucalyptus tetrodonta, Corymbia bleeseri and Eucalyptus miniata very tall woodland.
<b>RISES</b>	
<b>6a</b>	Moderately inclined hillslopes. Brown Kandosols and Red Orthic Tenosols. Eucalyptus miniata and Eucalyptus tetrodonta tall woodland.
<b>LOW RISES</b>	
<b>7a</b>	Gently inclined hillslopes. Red Kandosols and Red Orthic Tenosols. Eucalyptus miniata and mixed spp. very tall open woodland.
<b>PLAINS</b>	
<b>8a</b>	Very gently inclined upland plains. Red Kandosols. Eucalyptus miniata, Corymbia nesophila and Eucalyptus tetrodonta very tall open woodland.
<b>8a1</b>	Gently inclined lower slopes. Red Kandosols. Eucalyptus tetrodonta, Eucalyptus miniata and Corymbia nesophila very tall open woodland.
<b>8b</b>	Undulating plains. Red Kandosols. Eucalyptus miniata and Eucalyptus tetrodonta tall woodland.
<b>8c</b>	Seasonal wet plains. Kandosolic Redoxic Hydrosols. Corymbia nesophila very tall open woodland.
<b>8c1</b>	Seasonal wet plains prone to inundation and seasonal waterlogging. Kandosolic Redoxic Hydrosols and Brown Kandosols. Melaleuca viridiflora and/or Lophostemon lactifluus mid high open woodland.
<b>8d</b>	Dry monsoon vine thicket on lower slopes. Red Kandosols. Dry monsoon vine thicket.
<b>DRAINAGE SYSTEMS</b>	
<b>10a</b>	Drainage depressions including springs and alcoves. Kandosolic Redoxic Hydrosols and Oxyaquic Hydrosols. Lophostemon lactifluus or Melaleuca viridiflora or Melaleuca leucadendra tall woodland.
<b>10b</b>	Drainage depressions including springs and alcoves. Kandosolic Redoxic Hydrosols. Wet evergreen monsoon forest.
<b>10c</b>	Drainage depressions. Redoxic Hydrosols. Dapsilanthus spp. and/or Schoenus spp. medium closed sedgeland.
<b>SWAMPS</b>	
<b>11a</b>	Closed depressions. Kandosolic Redoxic Hydrosols. Lophostemon lactifluus and mixed spp. mid high open woodland.
<b>11b</b>	Closed depressions. Kandosolic Redoxic Hydrosols. Melaleuca spp. tall open forest.
<b>MARINE</b>	
<b>12a</b>	Mangroves. Intertidal Hydrosols. Ceriops tagal, Brugiera spp. and Rhizophora stylosa mid high to tall closed forest.
<b>12b</b>	Salt flats. Intertidal Hydrosols. Tecticornia spp. miniature samphire shrubland.
<b>12c</b>	Beach ridges. Tenosolic Oxyaquic Hydrosols. Melaleuca dealbata mid high open woodland.
<b>12d</b>	Supratidal flats. Supratidal Hydrosols. Eleocharis spp. and Schoenoplectus littoralis medium sedgeland.

Land resource information has been derived from aerial photograph interpretation and field data describing landform, soil and vegetation. Mapping has been collected according to the national standards and prepared at a scale of 1 : 25 000. Enlarging this map beyond this scale will not provide further detail. A site inspection should always accompany mapping for specific areas.

### TECHNICAL REFERENCES:

National Committee on Soil and Terrain (2009) *AUSTRALIAN SOIL AND LAND SURVEY FIELD HANDBOOK*. 3rd Edition. CSIRO Publishing, Melbourne.

Isbell R.F. (2002) *THE AUSTRALIAN SOIL CLASSIFICATION*. Revised Edition. CSIRO Publishing, Melbourne.

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.

### BIBLIOGRAPHIC REFERENCE:

*TIWI ISLAND ECONOMIC DEVELOPMENT BIO-PHYSICAL RESOURCES OF NORTH EAST BATHURST ISLAND* (Technical Report January 2015)  
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### GENERAL FEATURES

Study area boundary: ————

Land unit boundary: ————

Major Community: Pirlangimpi

Existing road: ————

Temporary access track: ————

Spot height: metres AHD: 66

Drainage line: ————

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This map was produced on the Geocentric Datum of Australia 1994 (GDA 94)

km 0 1 2 3 4 5 km

Black numbered lines are 5000 metre intervals of the Map Grid of Australia (MGA) Zone 52 Transverse Mercator Projection. Horizontal Datum: GDA 94 Vertical Datum: metres AHD