LAND UNIT DESCRIPTIONS

PLATEAUX

- 1.1 Plateaux or summit surfaces. Lithosols (Rudosols). Acacia macondenensis, Baeckea polystemonea, Pandorea doratoxylon Tall sparse shrubland.
- 1.2 Plateau surfaces with outcrop, loose rocks. Lithosols (Rudosols). Acacia macondenensis, Acacia aneura, Acacia kempeana Tall sparse shrubland.
- 1.5 Plateau of the George Gill range with sparse low outcrops. Earthy sands (Rudosols). Eucalyptus sessilis, Acacia macondenensis Low open woodland.
- 1.7 Slightly undulating plateaux. Sandy Lithosols (Rudosols). Acacia aneura Low open woodland.
- 2.11 Mesa plateaux. Sandy Lithosols (Rudosols). Acacia pruinocarpa, Acacia aneura Low open woodland.

SIDESLOPES

- 1.3 Escarpments on plateau edges and adjacent to gorges. Lithosols (Rudosols). Acacia macondenensis, Corymbia aparerinja Low open woodland.

LOW HILLS

- 2.1 Hillslopes and crests of rounded sandstone hills. Sandy Lithosols (Rudosols). Acacia aneura, Acacia kempeana Low open woodland.
- 2.2 Hillslopes and crests associated with low sandstone hills. Sandy Lithosols (Rudosols). Acacia aneura, Acacia kempeana, Acacia tetragonophylla Tall sparse shrubland.
- 2.3 Hillcrests and slopes of low sandstone hills. Sandy Lithosols (Rudosols). Eucalyptus socialis Low open mallee woodland.

RISES

- 1.6 Scarp footslopes, gravelly. Lithosols (Rudosols). Acacia aneura and Acacia pruinocarpa Low open woodland.
- 2.10 Scarp slopes of low hills capped by sandstone. Sandy Lithosols (Rudosols). Eremophila freelingii Mid high sparse shrubland.
- 2.12 Sandstone rises/low hills. Sandy Lithosols (Rudosols). Acacia macondenensis Low open woodland.

RISES(continued)

- 2.4 Hillcrests and dip slopes of low sandstone hills. Sandy Lithosols (Rudosols). Acacia pruinocarpa Mid high sparse shrubland.
- 2.5 Hillslopes associated with low sandstone hills. Sandy Lithosols (Rudosols). Acacia aneura, Acacia pruinocarpa Very tall sparse shrubland.
- 2.6 Dip slopes and crests of low sandstone hills. Sandy Lithosols (Rudosols). Acacia macondenensis Very tall sparse shrubland.
- 2.7 Dip slopes and carp slopes of low sandstone hills. Sandy Lithosols (Rudosols). Acacia aneura, Atalaya hemiglauca Very tall sparse shrubland.
- 2.8 Scarp slopes of low hills. Brown clays (Calcarosols). Acacia tetragonophylla, Eremophylla freelingii Tall sparse shrubland.
- 2.9 Scarp slopes of low hills. Sandy Lithosols (Rudosols). Senna artemisioides oligophylla, Rhagodia eremaea, Eremophila duttonii Mid high sparse shrubland.
- 4.3 Dune crests and slopes of a parallel dunefield. Siliceous sands (Rudosols). Corymbia chippendalei Low open woodland.
- 4.6 Dunefield perched on the George Gill Range. Siliceous sands (Tenosols). Eucalyptus oxymitra, Eucalyptus gamophylla Very tall open mallee woodland.

LOW RISES

- 3.2 Colluvial slopes of low sandstone hills. Red earths (Kandosols). Acacia aneura Tall sparse shrubland.
- 3.3 Colluvial slopes associated with sandstone hills. Earthy sands (Tenosols). Acacia aneura, Acacia ramulosa, Acacia ligulata Tall sparse shrubland.
- 3.4 Calcrete rises with floodplains. Calcareous red earths (Calcarosols). Senna artemisioides subsp. petiolaris Mid high sparse shrubland OR Atalaya hemiglauca, Hakea eyreana, Acacia aneura Low open woodland.
- 3.5 Dissected low scree covered rises. Sandy Lithosols (Rudosols). Acacia aneura, Acacia tetragonophylla, Senna artemisioides subsp. oligophylla Mid high sparse shrubland.
- 4.1 Dunecrests and slopes of parallel dune fields. Siliceous sands (Rudosols). Allocasuarina decaseneana Mid high open woodland.
- 4.2 Dunecrests and slopes of parallel dune fields. Siliceous sands (Rudosols). Allocasuarina decaseneana Mid high open woodland.

PLAINS

- 3.1 Mulga plains (colluvial). Earthy sands (Tenosols). Acacia aneura Very tall sparse shrubland.
- 3.6 Duneswales of parallel dunefields. Red earths (Kandosols). Acacia aneura Very tall sparse shrubland.
- 4.4 Sandy swales associated with dunefields, sandplains associated with low dunes. Earthy sands (Tenosols). Corymbia opaca, Corymbia aparerinja Mid high open woodland.
- 4.5 Sand plains. Earthy sands (Tenosols). Eucalyptus socialis Low open mallee woodland.
- 5.6 Floodplains with scald areas and small claypans. Calcareous red earths (Kandosols). Scald or claypan areas are largely devoid of vegetation. Atriplex vesicaria, Maireana sedifolia Low sparse chenopod shrubland exists on the fringes or along drainage lines.
- 1.4 Gorges in the George Gill Range. Alluvial soils (Rudosols). Eucalyptus camaldulensis Tall open woodland.

ALLUVIAL PLAINS

- 5.2 Alluvial floodout or fan. Alluvial soils (Tenosols). Corymbia opaca with Eucalyptus camaldulensis Low open woodland
- 5.7 Alluvial floodplains. Earthy sands (Tenosols). Atalaya hemiglauca, Acacia estrophiolata, Acacia aneura Mid high open woodland.
- 5.8 Alluvial plains. Brown clays (Dermosols). Acacia tetragonophylla Tall sparse shrubland.

DRAINAGE SYSTEMS

- 5.1 Floodplain associated with major drainage lines. Alluvial soils (Kandosols). Acacia aneura Very tall sparse shrubland.
- 5.4 Major drainage systems. Alluvial soils (Rudosols). Eucalyptus camaldulensis Low open woodland
- 5.5 Drainage lines amongst low sandstone hills. Alluvial soils (Rudosols). Acacia aneura with Atalaya hemiglauca Very tall open shrubland.
- 5.9 Broad drainage lines. Alluvial soils (Kandosols). Corymbia opaca Mid high open woodland OR Acacia victoriae mixed species Tall sparse shrubland.

INLAND WETLANDS

- 5.3 Crusted clay surface claypan. Red clays (Dermosols). Largely bare or devoid of vegetation.

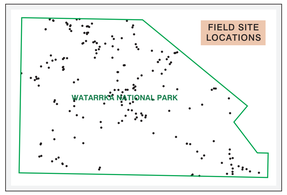
Example of Land Unit Descriptions

Landform | Landform description | Soil description

PLAINS | 1.4 | Gorges in the George Gill Range. Alluvial soils (Rudosols). Eucalyptus camaldulensis Tall open woodland.

Land unit | Vegetation description

FIELD SITE LOCATIONS



Cartography by L. Fritz
Spatial Data and Mapping, Water Resources,
Department of Land Resource Management,
Northern Territory of Australia

June 2016

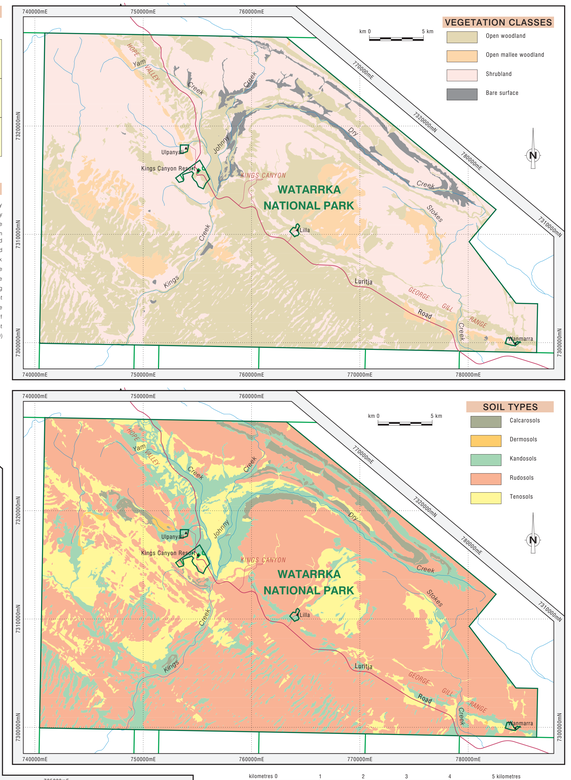
MAP LOCALITY & 1:250 000 MAP SHEET INDEX

SHEET INDEX

MOUNT LIEBIG SF5216	HERMANNSBURG SF5313	ALICE SPRINGS SF5314
LAKE AMADEUS SG5304	HENBURY SG5304	RODINGA SG5302
AYERS ROCK SG5208	KULGERA SG5305	FINKE SG5306

GENERAL FEATURES

- Property boundary
- National Park boundary
- Kings Canyon Resort — General place
- Ulpanyali — Family Outstation
- Minor road
- Minor road - unsealed
- Local road / track
- Drainage line
- Waterhole
- Penny Spring — Spring
- CAMMCHEL CRAG — Mountain point
- Sand ridge
- Cliff
- Mine point
- 216 — Spot height (m AHD)



kilometres 0 1 2 3 4 5 kilometres

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: AHD (metres)

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

Map unit boundaries were derived using satellite imagery in association with digital elevation model, geological and topographic data. Landform, soil and vegetation field assessments conform to national standards and support mapping at a scale of 1:50 000.

When assessing specific areas within the mapping it is recommended a site inspection be undertaken to establish unmapped variation and confirm mapping accuracy on the ground.

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NORTHERN TERRITORY GOVERNMENT

LAND RESOURCES of WATARRAKA NATIONAL PARK

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