



LAND SYSTEM DESCRIPTIONS

HILLS

- Al-1** Terraced limestone ridges. Skeletal soils or lithosols are a major component and Calcareous earths also occur. Witchetty bush or Cassia spp. and shrubs over spittle or short grasses and forbs.
- Chandler** Flat top hills, cuestas and mesas of sandstone, siltstone and limestone and stony slopes and alluvial plains. Skeletal soils or lithosols are a major component. Sparse tall grass, Copperburrs, and short grasses. Minor calcareous rises and ridges with Bluebush over Oat grass and forbs.
- Gillen 1** Rugged sandstone ranges. Skeletal soils or lithosols are a major component. Sparse trees, shrubs, hard grasses and forbs.
- Middleton 1** Mesas and moderately rugged sandstone ridges often plateauaux with bevelled edges. Skeletal soils or lithosols are a major component with minor alluvial, red earths, and feature curly windmill grass. Low trees and shrubs over sparse mainly unpalatable grasses and forbs.

LOW HILLS

- Renners** Undulating limestone country of narrow ridges, lower steeper rises and valley floors. Calcareous earths are prominent and feature central spalls. Sparse low trees and shrubs and the swales grow Desert oak. Mulga, Coolibahs or Gidgee over spittle, Curly windmill grass, Umbrella grass and forbs.

RISES

- Gillen 2** Colluvial and alluvial fans and flood plains. Alluvial soils or red earths. Open Mulga and Ironwood over palatable oat grasses, Curly windmill grass, Umbrella grass and forbs.

PLAINS

- Al-2** Foothills, strike ridges and valley floors. Skeletal soils or lithosols are a major component and Calcareous earths also occur. Witchetty bush over Oat grass and minor Curly windmill grass, Umbrella grass and forbs.

ALLUVIAL PLAINS

- Al-3** Sandy wooded floodout of Phillipson Creek. Alluvial soils. Coolibah, Ironwood, Mulga and Colony wattle over Kerosene grass Woolbutt and minor Curly windmill grass.
- Ringwood** Stable alluvial plains. Red earths, and red clayey sands. Gidgee over mainly Oat grass and minor Curly windmill grass, copperburrs and forbs.

SAND PLAINS

- Singleton** Sand plains. Calcareous earths are prominent. Mulga, Maille or scattered Desert oak over spittle.

DUNE FIELDS

- Simpson** Parallel, reticulate or irregular sand dunes and interdune swales. Red sands are a major component, red earths are a minor component. Spittle, low trees and shrubs and the swales grow Desert oak. Mulga, Coolibahs or Gidgee over spittle, Woolbutt, Kerosene grass or oat grasses and forbs.

Example of Land System Description

Gillen 2 (G-2) Land unit: Colluvial and alluvial fans and flood plains. Alluvial soils or red earths. Open Mulga and Ironwood over palatable oat grasses, Curly windmill grass, Umbrella grass and forbs. Land system: Gillen 2. Landform description: Colluvial and alluvial fans and flood plains. Soil description: Alluvial soils or red earths. Open Mulga and Ironwood over palatable oat grasses, Curly windmill grass, Umbrella grass and forbs. Vegetation description: Open Mulga and Ironwood over palatable oat grasses, Curly windmill grass, Umbrella grass and forbs.

GENERAL FEATURES DATA SOURCES:
 Cadastre, roads, place names: Department of Infrastructure, Planning and Logistics, Northern Territory of Australia.
 Springs: Department of Environment, Parks and Water Security, Northern Territory of Australia.
 Hydro features: Commonwealth of Australia (Bureau of Meteorology) 2015 Spot heights: Geoscience Australia, 2007. Geodata topo 250K, Series 3.

Cartography by:
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Map Reference: Map Allambi-Stn Land-Res, 100k_m3
 Drawing Number: DEPWS 2022 046
 August 2022

GENERAL FEATURES

Land unit boundary	Dam	Todd Dam
Limit of mapping	Tank	Tank
Property boundary	Trough	Trough
Minor road: sealed	Turkey Nest	Turkey Nest
Minor road: unsealed	Stock Yard	Stock Yard
Local road: track	Drainage	Drainage
Water pipeline	Claypans	Claypans
Fence	Spring / Soak	Spring / Soak
Paddock name	Relief Feature	Relief Feature
Major Community	Spot height	Spot height
Pastoral homestead	Range or Plain	Range or Plain
Landing ground	Relief ridge	Relief ridge
Water Bore	Sand ridges	Sand ridges

MAP LOCALITY

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 Geospatial Information: <https://nrmmaps.nt.gov.au>

Limitations of use
 Land Resource Information has been derived from aerial photograph interpretation and field data collection describing landform, soil and vegetation. Mapping has been collected at a nominal scale of between 1:100 000 and 1:250 000. Enlarging this map beyond this scale will not provide further detail and is not recommended. Final mapping is presented at a scale of 1:100 000. When assessing specific areas within the mapping it is recommended that a site inspection be undertaken to establish unmapped variations and to confirm the mapping accuracy on the ground.

Bibliographic Reference:
 W.A. Ecological Services (1984) Resource Appraisal of Allambi Station Conservation Commission of the Alice Springs, Northern Territory

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 Email: azri.library@nt.gov.au

LAND RESOURCES of ALLAMBI STATION

NORTHERN TERRITORY GOVERNMENT