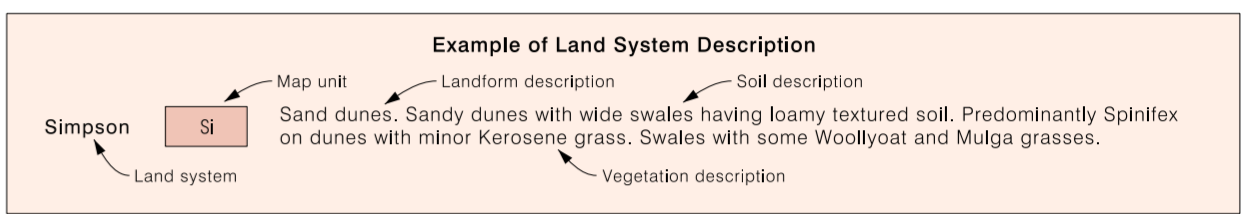


LAND SYSTEM DESCRIPTIONS

Code	Description
Bc-1	Bold rocky hills and ridges. Shallow, coarse textured soils amongst rock outcrop. Sparse Witchetty Bush, Mulga and Broombush over Woollyoat, Mulga and Kerosene grasses and forbs.
Bu	Alluvial plains. Red sandy clay loam soils. 'Mulga annual' is dominant. Intergroves of sparse Woollyoat over Woollyoat and Mulga and Cotton grasses with Eight Day grass common after rain. Less common is 'mulga perennial' of open Mulga groves with harder perennial Woollybutt, Wallaby, Mulga Mitchell, Kerosene and Wire grasses.
Kn	Sandy alluvial plains adjacent to the MacDonnell Ranges and surrounding areas of Sandover Land System. Small areas of foothill slopes. Sandy soils. Foothill slopes have heavier textured stony soils. Sparse open woodland of Ironwood and Mulga over Woollyoat and Mulga grasses with scattered Umbrella and Curly Windmill grasses and occasional Kerosene and Woollybutt grasses. Stony slopes with Umbrella and Curly Windmill grasses.
Mg	Alluvial plains. Fine textured silty soils. Coolibah, Ironwood, Mulga, Witchetty Bush and Prickly Wattle over Umbrella, Curly Windmill, Silky Browtop and Woollyoat grasses. Alluvial basins grow Cottonbush and similar grass species with Neverfall grass and occasional Mitchell grass after rain.
Sn	Sandplains. Red clayey sands, Desert Oak, Desert Poplar, Black Gidgee and shrubby cassia species over spinifex. After fire Woollybutt and Kerosene grasses may emerge.
Si	Sand dunes. Sandy dunes with wide swales having loamy textured soil. Predominantly Spinifex on dunes with minor Kerosene grass. Swales with some Woollyoat and Mulga grasses.
Sa	Active alluvial country fronting Derwent Creek, outer stabilized plains, and some small basins. River frontage has sandy loam and sandy clay loam soils. Stable outer plains are sandy. Small alluvial basins adjacent to stream lines have heavier silty clay soils. Outer stabilized plains with an open woodland of eucalypts, Ironwood and Mulga over Woollyoat and Mulga grasses. Curly Windmill grass is found at the base of Ironwoods and Umbrella grass grows in open areas. Low sandy ridges with Kerosene and Woollybutt grasses with Cassia Bush and Silver Wattle. River frontage of Ironwood, Coolibah, Bloodwood, Mulga, Witchetty Bush and Prickly Wattle over Umbrella, Curly Windmill and Silky Browtop grasses.



Bibliographic Reference:
 Bastin, G., Petty, D., Pearce, G. (1978)
 Range Condition assessment report:
 Derwent Station
 Department of Primary Production,
 Alice Springs, Northern Territory

Please Note:
 This report is generally not available.
 Access requests should be directed to
 Arid Zone Research Institute Library
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 Email: azri.library@nt.gov.au

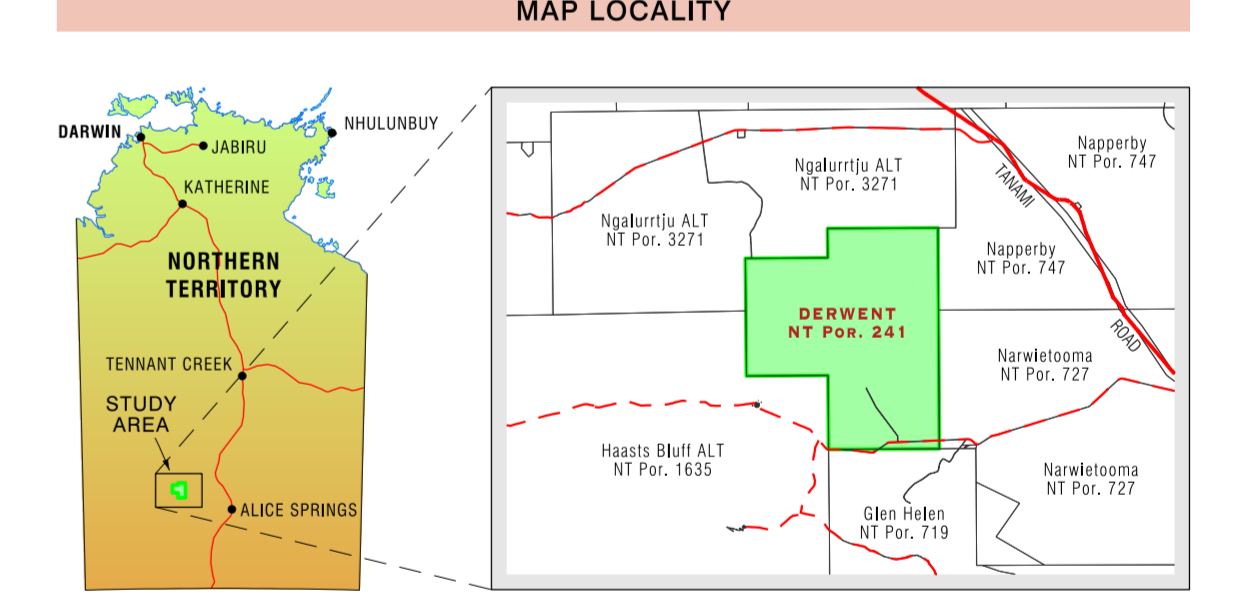
GENERAL FEATURES

Land unit boundary	—	Water Bore	○
Property boundary	—	Dam	■
Minor road: unsealed	- - -	Tails Dam	■
Urban road: Sealed	—	Tank	■
Local road: track	- - -	Stock Yard	□
Gas Pipeline	—	Telecom Tower	▲
Fence	—	Drainage	—
Aboriginal Community	■	Lake (non-perennial)	○
Family Outstation	▲	Lagoon / Waterhole	○
Pastoral homestead	●	Spring / Soak	○
Building	■	Relief Feature	○
Landing ground	○	Spot height	○
Paddock name	—	Relief ridges	—
		Sand ridges	—

General features data sources:
 Cadastre, roads, place names: Department of Infrastructure, Planning and Logistics, Northern Territory of Australia.
 Pastoral Infrastructure: Department of Environment, Parks and Water Security, Northern Territory of Australia.
 Hydro features: Commonwealth of Australia (Bureau of Meteorology) 2014
 Spot heights: Geoscience Australia, 2007, Geodata topo 250K, Series 3.

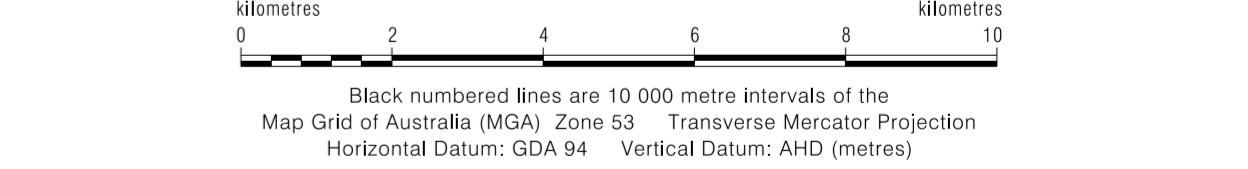
Cartography by:
 Ralf Koberstein - Geospatial Services
 Department of Environment, Parks and Water Security, Northern Territory of Australia.

Map Reference: Map_Derwent-Stn_Land-Res_100k_m53
 Drawing Number: **DEPWS 2021 115**
 June 2021



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.



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

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