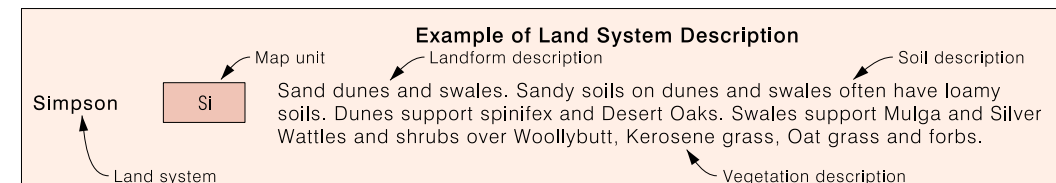


LAND SYSTEM DESCRIPTIONS

HILLS	
Allua One	Al-1 Strike limestone ridges up to 150 metres high with steep slopes broken by many structural terraces. Terraced foothills give way to erosional slopes. Soil undescrbed. Foothill slopes consist of Calcareous Rise pasture type, mainly Witchetty Bush over Oat grasses.
Chandlers	Cn Flat-topped hills and stony lowlands. Skeletal soils on Hills and stony slopes. Heavier soils in watercourses and run-on areas. Three productive pasture types, Bluebush Rise, Calcareous Shrubby grasslands and Clayey Stony Slopes are common. Minor Cottonbush and perennial grasses on watercourses and run-on areas. Sparse trees, grasses and forbs grow on hills and stony slopes.
Gillen One	Gl-1 Rugged hills. Shallow stony soils. Sparse grasses and forbs amongst spinifex and low shrubs.
LOW HILLS	
Renners	Rn Undulating limestone country with ridges up to 70 m high and adjacent lower rises and intervening valley floors. Soil undescrbed. Sparse shrubs, including Witchetty Bush, Cassia Bush or Bluebush over palatable Bluebush Rise or Calcareous Shrubby grassland pastures and a small area of Alluvial Plain communities.
LOW RISES	
Gillen Two	Gl-2 Scree slopes and drainage lines coming off Gl-1. Shallow stony soils with sparse grasses and forbs amongst Spinifex and low Shrubs.
ALLUVIAL PLAINS	
Allua Two	Al-2 Alluvial plains and alluvial fans. Soil undescrbed. Open woodland and Calcareous Shrubby grassland communities occur.
SAND PLAINS	
Amulda	Au Sandy plains. Red clayey sands with minor alluvial areas of heavier clayey soils. Sandy plains have large areas of spinifex or Kerosene and Woollybutt grass pasture with sparse Mulga, Ironwood, Needlewood, Beefwood, cassia and Silver Wattle. Drainage channels of Red Gum, Ironwood and Mulga over perennial and annual grasses and forbs.
Singleton	Sn Sand plains. Sandy soils. Mallee or Mulga over spinifex, Woollybutt or Kerosene grass.
DUNE FIELDS	
Ewaninga	Ew Undulating country with sand cover and low dunes and minor limestone hills. Sandy soils on undulating country. Small areas of sandy calcareous earths are adjacent to stony hills. Mulga and hard spinifex are dominant in large areas. Adjacent to stony hills grow small areas of Witchetty Bush and Mulga over short grass and forbs. Valley floors support various Mulga communities, but they are also small in total area.
Simpson	Si Sand dunes and swales. Sandy soils on dunes and swales often have loamy soils. Dunes support spinifex and Desert Oaks. Swales support Mulga and Silver Wattles and shrubs over Woollybutt, Kerosene grass, Oat grass and forbs.



Bibliographic Reference: Shaw, K.A., Bastin, G., Masterman, A.J. (1979) *Range Condition assessment report: Deep Well 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 in Alice Springs. Email: azri.library@nt.gov.au

GENERAL FEATURES

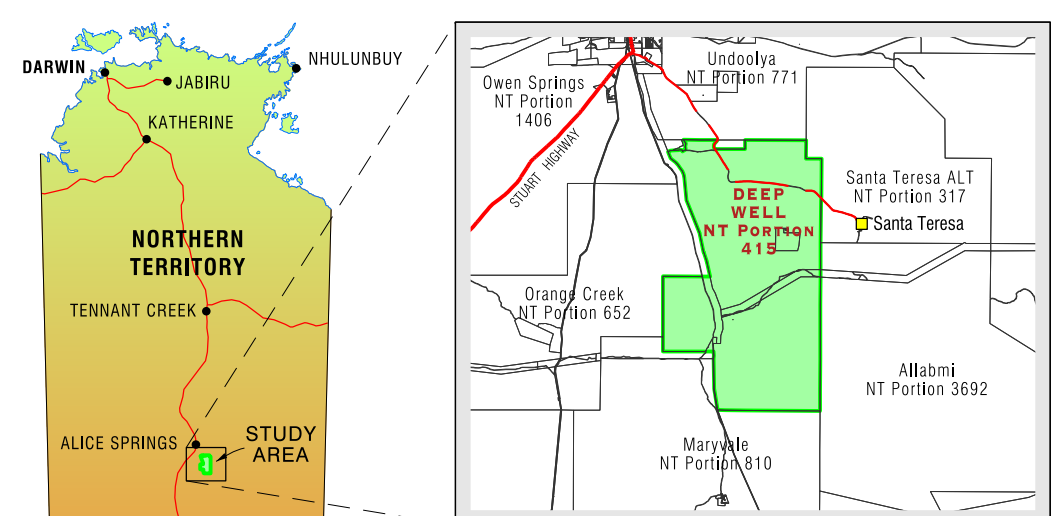
Land Unit Boundary	—	Water Bore	●
Property Boundary	—	Dam	■
Conservation Reserve	—	Tank	■
Pastoral Homestead	■	Trough	■
Family Outstation	■	Stock Yard	■
Main Road: Unsealed	—	Drainage	—
Minor Road: Unsealed	—	Relief Feature	—
Local Road / Track	—	Range	—
Railway (Disused)	—	Spot Height	—
Landing Ground	—	Relief Ridge	—
Fence	—		

General features data sources: Cadastre, roads, place names: Department of Infrastructure, Planning and Logistics, Northern Territory of Australia. Pastoral Infrastructure and Parks: 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 and Deborah Mullin - Geospatial Services Department of Environment, Parks and Water Security Northern Territory of Australia.

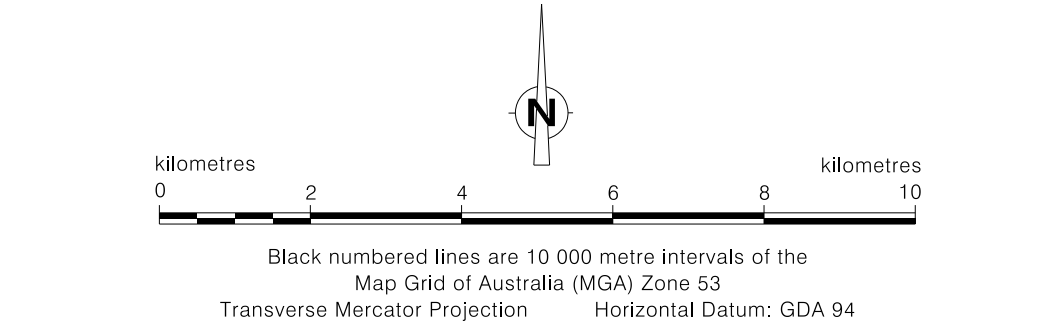
Map Reference: Map_Deep-Well-Stn_Land-Res_100k_m53
Drawing Number: **DEPWS 2020 095**
October 2020

MAP LOCALITY



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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GDA

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