

GENERAL FEATURES

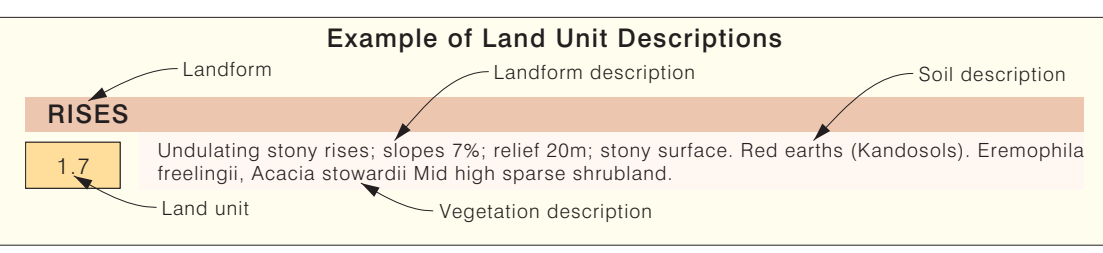
Land unit boundary	Water Bore
Extent of survey	Dam
Property boundary	Water tank
Pastoral homestead	Water pipeline
Outstation	Fence
Main road: unsealed	Drainage
Minor road: unsealed	Waterhole
Local road / track	Relief feature, named
	Spot height

LAND UNIT DESCRIPTIONS

PLATEAUX	1.6 Low limestone plateau and rises with associated slopes; relief 15m. Red earths (Calcarosols). Acacia stowardii Tall sparse shrubland.
LOW HILLS	1.1 Rounded flat topped sandstone hills; slopes 15-20%; relief 60m. Lithosols (Rudosols). Eremophila freeilingii, Senna artemisioides subsp. oligophylla Tall sparse shrubland.
1.3 Low quartzite ridges; slopes 10-20%; relief 60m; 50% surface gravel. Lithosols (Rudosols). Triodia pungens Mid high open hummock grassland.	
1.4 Low hills of siltstone and interbedded limestone; slopes 10%; relief 40m. Red calcareous soils. Lithosols (Rudosols). Eremophila freeilingii Low sparse shrubland.	
RISES	1.2 Sandstone hills with gravelly red earths; slopes 5-15%; relief 20-30m. Red earths (Kandosols). Acacia aneura Low open woodland.
1.7 Undulating stony rises; slopes 7%; relief 20m; stony surface. Red earths (Kandosols). Eremophila freeilingii, Acacia stowardii Mid high sparse shrubland.	
1.8 Undulating rises; slopes 10%; relief 20m. Red earths (Kandosols). Acacia aneura, Corymbia opaca Low open woodland.	
LOW RISES	1.5 Gently undulating stony rises; slopes 2%; relief 10m; platy sandstone surface cobbles. Red clays (Dermosols). Senna artemisioides subsp. oligophylla, Senna artemisioides subsp. artemisioides Mid high sparse shrubland.
1.9 Dissected low rises to elevated plains on granite; slopes 2%; relief 10m; rocky outcrops including quartz reefs. Red earths (Kandosols). Alalya hemiglauc, Hakea macrocarpa, Senna artemisioides subsp. Tall sparse shrubland.	
2.3 Low rises to gently sloping plains; slopes <2%; relief 5m; rock outcrop common. Red earths (Rudosols). Senna artemisioides subsp., Corymbia opaca Mid high sparse shrubland.	
PLAINS	2.1 Undulating plains and low rises; slopes <2%; relief 5m; rock outcrop present. Red calcareous soils (Calcarosols). Alalya hemiglauc, Corymbia opaca, Acacia estrophiolata Low open woodland.
2.2 Gently sloping plains; slopes 2%; relief 5m; crusty and cryptogam surface. Red calcareous soils (Kandosols). Acacia georginae, Santalum lanceolatum Low open woodland.	
2.4 Sloping plains and footslopes; slopes 1%; relief <5m. Red clays (Dermosols). Aristida contorta, Fimbristylis dichotoma, Tripsogon litoralis Mid high tussock grassland.	
2.5 Level to gently sloping plains; slopes <2%; relief 5m; surface hummocking with closed depressions. Red earths (Kandosols). Acacia georginae Low open woodland.	
3.1 Level to gently sloping plains; slopes <1%; relief 5m. Red clays (Dermosols). Astartea pectinata, Fimbristylis dichotoma, Tripsogon litoralis Low sparse tussock grassland.	
3.2 Level to gently sloping plains; slopes <1%; relief <5m. Red clays (Dermosols). Astartea pectinata Mid high tussock grassland.	
ALLUVIAL PLAINS	4.1 Floodplains and floodouts along creek channels; slopes 1%; relief 1m; hummocky surface with shallow depressions. Red earths (Ferralsols). Corymbia opaca, Eucalyptus microtheca, Alalya hemiglauc Mid high open woodland.
4.2 Level or gently sloping floodplains; slopes <1%; relief <1m. Red earths (Kandosols). Acacia victoriae, Senna artemisioides subsp. filifolia Tall sparse shrubland.	
4.3 Level to slightly undulating alluvial plains; slopes <1%; relief <1m. Red earths (Kandosols). Alalya hemiglauc, Corymbia opaca, Eucalyptus microtheca Mid high open woodland.	
4.4 Level to gently sloping alluvial plains and fans; slopes <1%; relief <1m. Red earths (Kandosols). Acacia georginae Low open woodland.	
4.5 Gently sloping alluvial fans; slopes 5%; relief <5m. Red earths (Kandosols). Senna artemisioides ss. oligophylla, Senna glauca Mid high sparse shrubland.	
5.1 Level to gently undulating floodplains; slopes <1%; relief 1m. Red earths (Dermosols). Acacia georginae, Alalya hemiglauc, Eucalyptus microtheca Low open woodland.	
5.2 Low lying depressions; hummocky relief <1m. Brown clays (Vertosols). Chenopodium auricomum Mid high open woodland.	
5.3 Low lying depressions; hummocky relief <1m. Brown clays (Dermosols). Eucalyptus microtheca Low open woodland.	
SAND PLAINS	6.1 Relict drainage floors; relief <1m. Red earths (Kandosols). Acacia estrophiolata, Eucalyptus microtheca, Grevillea striata Low open woodland.
6.2 Level to gently sloping sandplains; slopes <1%; relief <1m. Red earthy sands (Tenosols). Senna artemisioides subsp. filifolia, Senna artemisioides subsp. oligophylla, Tall sparse shrubland.	
6.3 Level or slightly undulating sandplains; slopes <1%; relief <1m. Red earths (Kandosols). Senna artemisioides subsp. filifolia Mid high sparse shrubland.	
6.4 Level sandplains; slopes <1%; relief <1m. Red earthy sands (Kandosols). Triodia basodevii Mid high hummock grassland.	
6.5 Level or slightly undulating sandplains; slopes <1%; relief <1m. Red earthy sands (Kandosols). Eucalyptus pachyphylla, Eucalyptus gamophylla Low open mallee woodland.	
DRAINAGE SYSTEMS	4.6 Broad gently sloping fans; slopes <1%; relief <1m; low sandy vegetated rises and low lying scalded areas. Red earths (Dermosols). Acacia georginae Low open woodland.

Example of Land Unit Descriptions

RISES	Landform	Landform description	Soil description
1.2	Undulating stony rises	slopes 7%; relief 20m; stony surface. Red earths (Kandosols). Eremophila freeilingii, Acacia stowardii Mid high sparse shrubland.	



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Black numerical lines are 10 000 metre intervals of the Map Grid of Australia (MGA) Zone 53 Transverse Mercator Projection. Horizontal Datum: GDA 94

BIBLIOGRAPHIC REFERENCE:
Bowman, A. and Villiger, R. (1997) LAND RESOURCES OF TARLTON DOWNS STATION. Technical Memorandum No. TM 84/0.
Natural Resources Division, Department of Lands, Planning and Environment, Alice Springs, Northern Territory

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

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 1:100 000. Enlarging this map beyond this scale will not provide further detail.
A site inspection should always accompany mapping for specific areas.