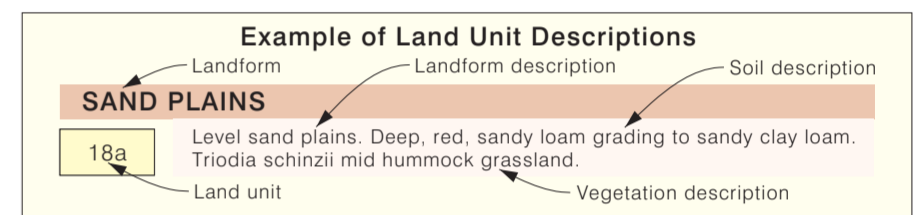


LAND UNIT DESCRIPTIONS

LOW RISES	
7a	Gently undulating low rises. Moderately deep or deep, red, loamy sand over sandy loam subsoil with many ferruginous nodules and quartz gravels. Triodia pungens, Acacia chippendalei and Acacia hilliana mid hummock grassland.
7b	Gently undulating low rises with many ferruginous nodules on the surface. Shallow, red, loamy sand, containing many ferruginous nodules and quartz gravels. Triodia pungens mid hummock grassland.
7c	Gently undulating low rises, with calcrete at or near the surface. Shallow or moderately deep, red, loamy sand or sandy loam. Aristida holathera, Aristida inaequiglumis and Paraneurachne muelleri mid tussock grassland.
ALLUVIAL PLAINS	
9a	Level alluvial plains, floodway and clay-pans. Moderately deep, red, loam grading to clay loam, over clay substrate. Triodia longiceps mid open hummock grassland.
9b	Level alluvial plains, slopes <0.5%, wash slope. Deep, red, sandy clay loam, many iron nodules in the lower subsoil. Triodia pungens mid hummock grassland with Eucalyptus pruinosa isolated trees.
9c	Level alluvial plains. Moderately deep or deep, red, sandy loam grading to sandy clay loam. Variable. Melaleuca glomerata tall open shrubland, or Eriachne obtusa mid tussock grassland, or Aristida holathera mid tussock grassland, or Acacia aneura low open woodland.
9d	Level alluvial plains. Moderately deep, red, loamy sand grading to sandy clay loam and some areas with calcrete at or near the surface. Acacia aneura, Eucalyptus victrix and Corymbia terminalis low open woodland.
9e	Level alluvial plains wash slope, and some water accumulating areas. Moderately deep, red, sandy loam grading to sandy clay loam, containing quartz gravels in the subsoil. Eucalyptus leucophloia mid open mallee shrubland over Triodia longiceps tall open hummock grassland.
9f	Drainage depression may be periodically waterlogged. Shallow, brown, loamy sand over sandy clay loam. Eucalyptus victrix low open woodland over Fimbristylis dichotoma low closed sedge/land.
SAND PLAINS	
18a	Level sand plains. Deep, red, sandy loam grading to sandy clay loam. Triodia schinzii mid hummock grassland.
18b	Level to gently undulating sand plains. Deep or moderately deep, red, sandy loam grading to clay loam, ferruginous nodules in lower subsoil. Triodia pungens and Aristida inaequiglumis mid hummock grassland.
18c	Level sand plains on relict fluvial system. Very deep, red, massive, sandy loam. Triodia schinzii, Aristida inaequiglumis and Eragrostis eriopoda tall hummock grassland.
INLAND WETLANDS	
13a	Drainage depressions, consisting of clay pans with periodic waterlogging and in some areas an ephemeral lake. Shallow, imperfectly drained, brown, sandy loam. Water generally on surface; annual forbland as water recedes.



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.

Mapping confidence to the east of Easting 378000m was supported by on-ground field work and verification according to the standards for 1:50,000 scale mapping which included soil excavation for description and sample analysis, along with vegetation description. To the west of Easting 378000m, mapping was supported by extrapolation of land units from knowledge gained in surrounding areas and very limited field visual observation of the landscape and vegetation. While mapped at 1:50,000 scale to provide continuity, there was no on-ground field work to obtain supporting site data, therefore confidence in the mapping in this western section is lower and should be used accordingly with care. Land units with a low level of survey mapping confidence (west) include an x. (For example, 7cx)



Black numbered lines are 5000 metre intervals of the Map Grid of Australia (MGA) Zone 53 Transverse Mercator Projection. Horizontal Datum: GDA 94. Vertical Datum: MLD (metres).

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This map was produced on the Geospatial Data Open of Australia 1994 (GDA 94).

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TENNANT CREEK WEST AREA MAP SERIES

Map	Map Title
1	LAND RESOURCES of the TENNANT CREEK WEST AREA
2	GENERAL LAND CAPABILITY of the TENNANT CREEK WEST AREA
3	LAND SUITABILITY for IRRIGATED CROP GROUPS 1 - 7 of the TENNANT CREEK WEST AREA

