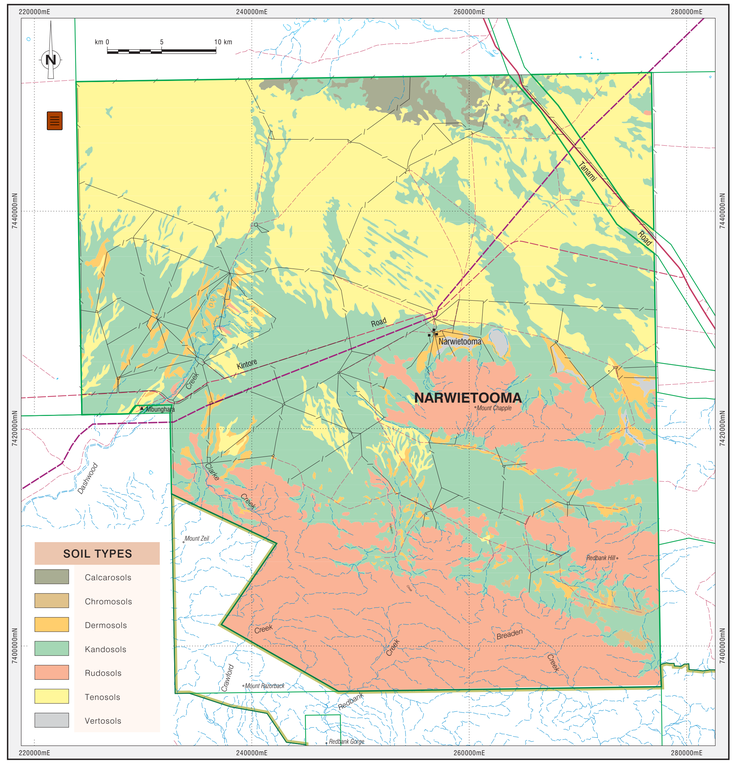

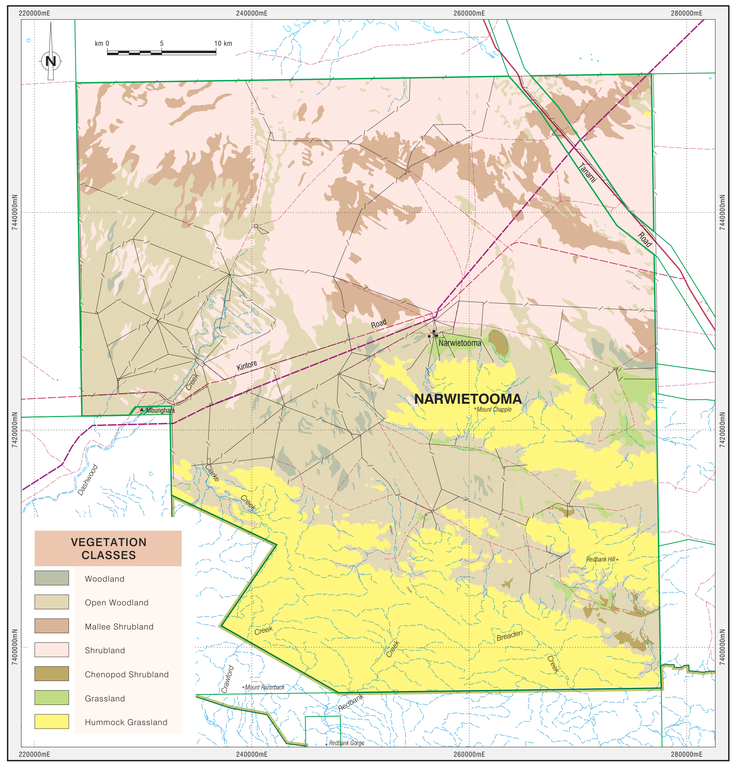

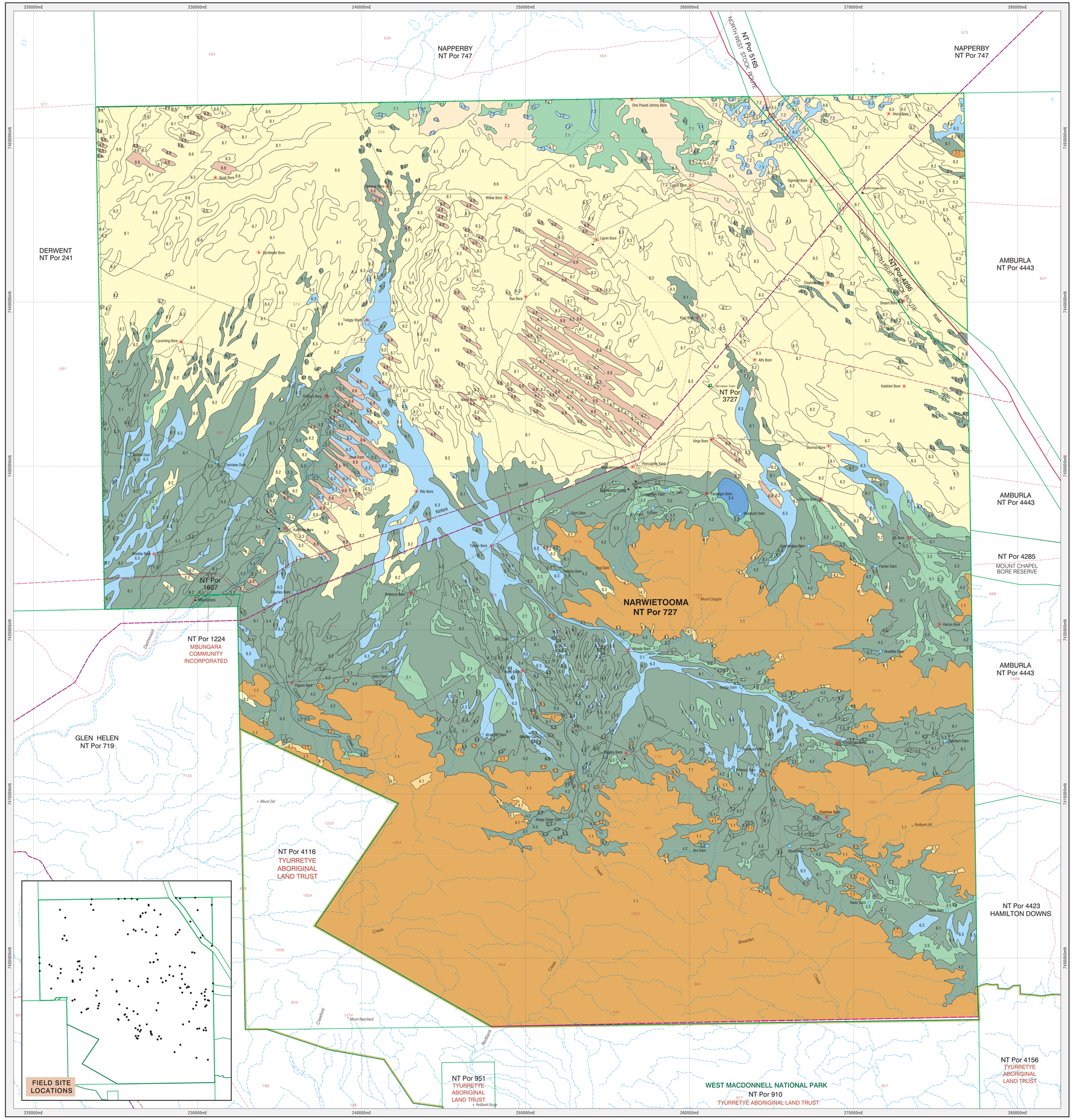

LAND UNIT DESCRIPTIONS

HILLS

1.1 Undulating rises to steep hills. Lithosols (Rudosols). Triodia clelandii Low hummock grassland.

RISES

4.1 Gently sloping colluvial fans; slopes 4%; gravelly surface. Lithosols (Leptic Rudosols). Triodia clelandii Tall open hummock grassland with scattered trees.

LOW RISES

7.2 Low rises with small depressions; slopes 2%; relief 5m. Red earths (Kandosols). Acacia kempeana, Acacia aneura, Acacia tetragonophylla Tall sparse shrubland.

PLAINS

2.1 Level to gently sloping palaeoplains; slopes <1%. Red earths (Kandosols). Acacia aneura Mid high woodland with intergroves supporting a low open woodland.

3.1 Level to gently sloping plains; slopes 1% with very low relief. Red clays (Dermosols). Eragrostis setifolia Low sparse tussock grassland.

3.2 Level to slightly undulating plains; slopes 1% with very low relief. Calcareous red clays (Dermosols). Astrebla pectinata, Eragrostis setifolia Mid high grassland.

3.5 Level to gently sloping plains; slopes 2%. Red brown earths (Chromosols). Maireana aphylla Mid high sparse chenopod shrubland.

7.1 Level plains with low relief and depressions present. Red calcareous earths (Calcarosols). Acacia kempeana Mid high sparse shrubland.

ALLUVIAL PLAINS

3.3 Alluvial plains with deep seasonal cracking. Cracking red clays (Vertosols). Astrebla pectinata, Eragrostis spp. Mid high sparse grassland.

4.2 Gently sloping alluvial fans; slopes 2%. Sandy red earths (Red Kandosols). Acacia aneura, Acacia kempeana Low open woodland.

5.1 Gently sloping alluvial fans and floodouts; slopes 2%. Red earths (Kandosols). Acacia estrophiolata, Atalaya hemiglauca and Eucalyptus opaca Low open woodland.

5.2 Floodplains along major creeklines; slopes <1%. Alluvial soils (Rudosols). Eucalyptus camaldulensis, Eucalyptus opaca and Acacia victoriae Low open woodland.

5.3 Alluvial plains; slopes <1%. Red clays (Dermosols). Atalaya hemiglauca, Acacia aneura Low open woodland.

5.4 Alluvial plains and floododouts; slopes <1%. Red earths (Kandosols). Acacia aneura Low open woodland.

6.1 Level to gently sloping plains with low linear floodout lobes; relief 1.5m. Red earths (Kandosols). Acacia aneura, Acacia kempeana, Atalaya hemiglauca Low open woodland.

6.2 Level or gently sloping relict floodouts; slopes 1%; relief 2m. Red earths (Tenosols). Acacia aneura, Atalaya hemiglauca, Acacia estrophiolata Low open woodland.

SAND PLAINS

8.1 Gently undulating sandplains; slopes <1%; low relief. Red earthy sands (Tendosols). Eucalyptus gamophylla, Acacia ligulata Tall sparse mallee shrubland.

8.2 Slightly undulating sandplains; slopes <1%. Red earths (Kandosols). Acacia aneura, Acacia kempeana Tall sparse shrubland.

8.3 Level sandplains; slopes <1.5%. Earthy sands (Tenosols). Hakea eyreana, Acacia dictyophleba, Acacia aneura Tall sparse shrubland.

8.4 Level sandplains; slopes <1%; relief 1m. Red earthy sands (Tenosols). Acacia pruinocarpa, Acacia aneura, Acacia estrophiolata Low open woodland.

8.5 Level to gently undulating sandplains; slopes <1%; relief 1m. Red earthy sands (Tenosols). Acacia victoriae, Acacia ligulata, Melaleuca glomerata Tall sparse shrubland.

8.6 Level to gently undulating sandplains; slopes <0.5%; relief 1m. Red earthy sands (Tenosols). Allocasuarina decaisneana, Eucalyptus gamophylla, Acacia aneura Tall sparse shrubland.

8.7 Level plains to slight rises; slopes <1%; relief 2m. Red earthy sands (Tenosols). Grevillea juncifolia, Acacia dictyophleba, Acacia maitlandii Tall sparse shrubland.

DUNE FIELDS

8.8 Low sand dunes with gentle slopes rounded crests. Red siliceous sands (Tenosols). Acacia ligulata, Acacia dictyophleba, Thryptomene maisonneuvi Mid high sparse shrubland.

DRAINAGE SYSTEMS

6.3 Depressions and low lying alluvial plains; slopes 1%; low relief. Red earths (Kandosols). Acacia aneura Low open woodland.

7.3 Small depressions. Calcareous red earths (Calcarosols). Eucalyptus microtheca Low open woodland.

SWAMPS

3.4 Low lying alluvial plains. Cracking brown clays (Vertosols). Chenopodium auricomum Low sparse chenopod shrubland.

Example of Land Unit Descriptions

Landform — Landform description — Soil description

PLAINS

3.1 — Gently undulating plains with abundant surface ironstone gravel. Calcareous red earths (Red Chromosols). Sclerolaena bicornis, Sclerolaena lanciculspis Mid high sparse chenopod shrubland.

Land unit — Vegetation description

GENERAL FEATURES

- Limit of mapping
- Property boundaries
- National Park Boundary
- Pastoral homestead — Narwietooma
- Family Outstation — Bungara
- Main road: sealed
- Main road: unsealed
- Local road / track
- Cleared Line
- Underground Gas Pipeline
- Fence
- Landing ground
- Yard
- Water Bore
- Dam
- Communication Tower — Microwave Tower
- Paddock name — Porcupine Yard
- Drainage
- Relief Feature, named — Mount Chapple
- Spot height — 184

MAP LOCALITY

1:250 000 MAP SHEET INDEX

MOUNT DOREEN SF5212	NAPPERBY SF5309	ALCOOTA SF5310
MOUNT LIEBIG SG5216 (Narwietooma Station)	HERMANNSBURG SG5313	ALICE SPRINGS SG5314 (ALICE SPRINGS)
LAKE AMADEUS SG5204	HENBURY SG5301	RODINGA SG5302

Cartography by Spatial Data and Mapping, Water Resources NT,
Department of Land Resource Management,
Northern Territory of Australia February 2015
Web: http://nrmaps.nt.gov.au
Map Reference: Narwietooma-Stn_Land-Resources_100k

Base Information Data Sources:
Northern Territory Department of Lands, Planning and the Environment,
Geoscience Australia, Australian Government.

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kilometres 0 2 4 6 8 10 kilometres

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

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

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.

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BIBLIOGRAPHIC REFERENCE:

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Northern Territory Government

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