

LAND RESOURCES of MITTIEBAH STATION

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:

Edgoose C. (1996)
THE LAND RESOURCES OF MITTIEBAH STATION.
 Technical Memorandum 96/3. Natural Resources Division,
 Department of Lands, Planning and Environment, Alice Springs, NT

TECHNICAL REFERENCE:

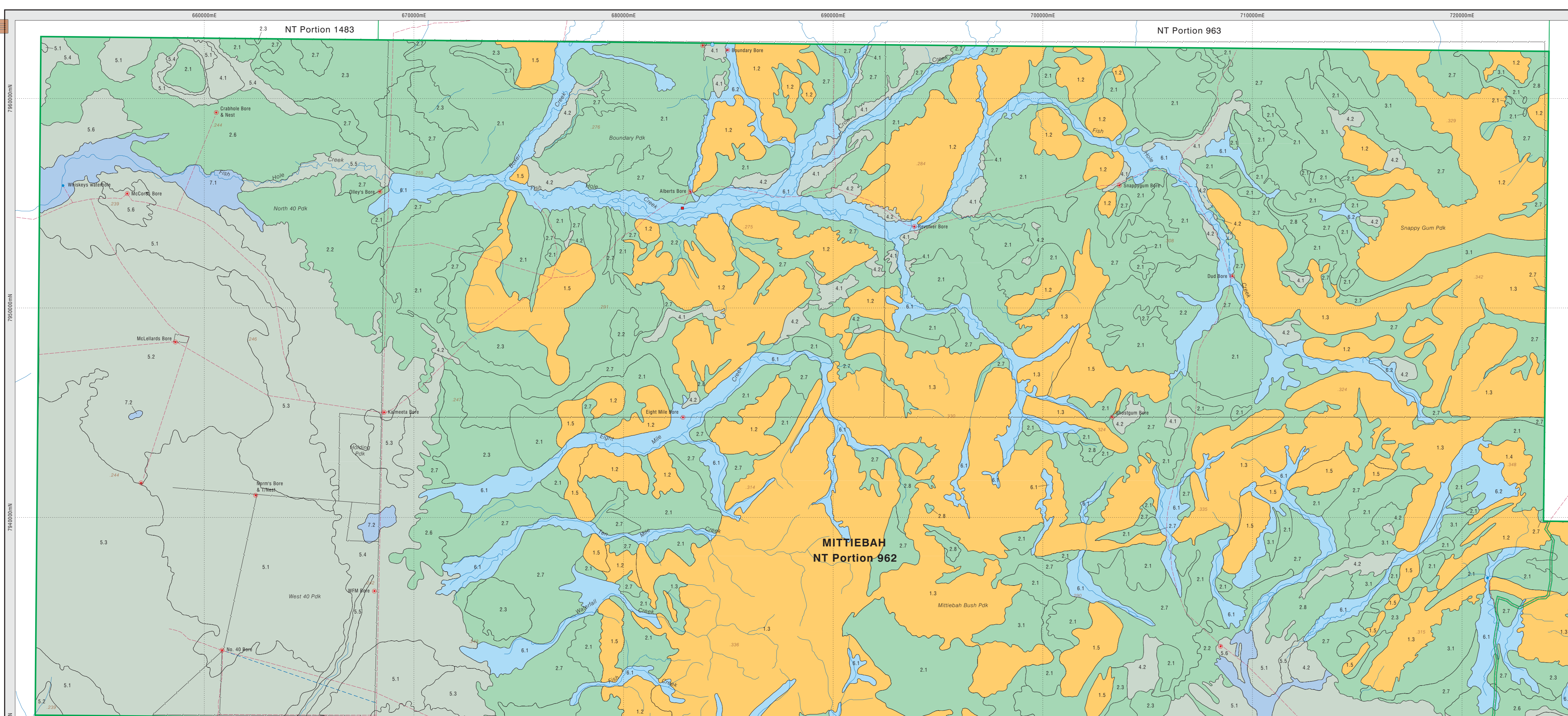
National Committee on Soil and Terrain (2009)
AUSTRALIAN SOIL AND LAND SURVEY FIELD HANDBOOK 3rd Edition,
 CSIRO Publishing, Melbourne.

Web: www.lrm.nt.gov.au/lrmapart
 Map Reference: Mittlebah-Str_Land-Resources_100k-Map

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NT Portion 1483

NT Portion 963

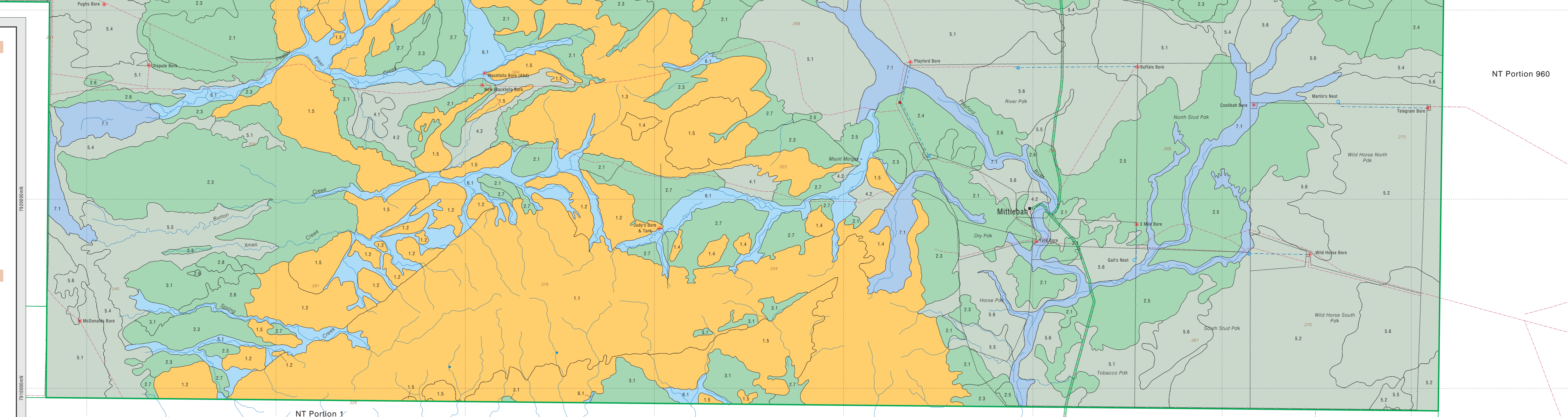
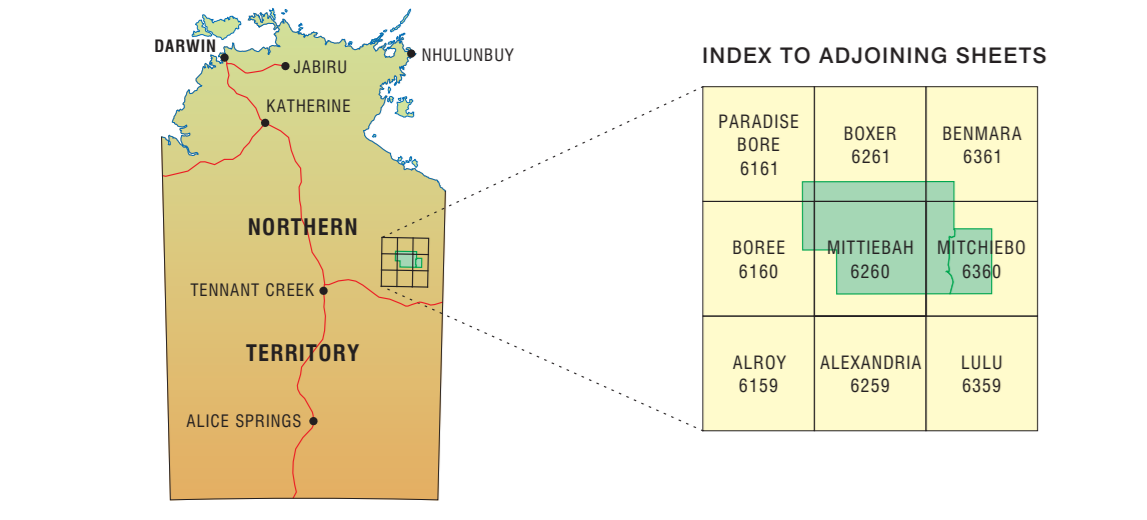
NT Portion 561

GENERAL FEATURES

Land unit boundary	—
Property boundary	—
Pastoral homestead	—
Local road / track	—
Fence	—
Paddock name	North Stud Pk
Water Bore	•
Water tank	•
Turkey nest	•
Water pipeline	—
Drainage line	—
Lagoon / waterhole	•
Relief feature, named	• Mount Morgan
Spot height	426

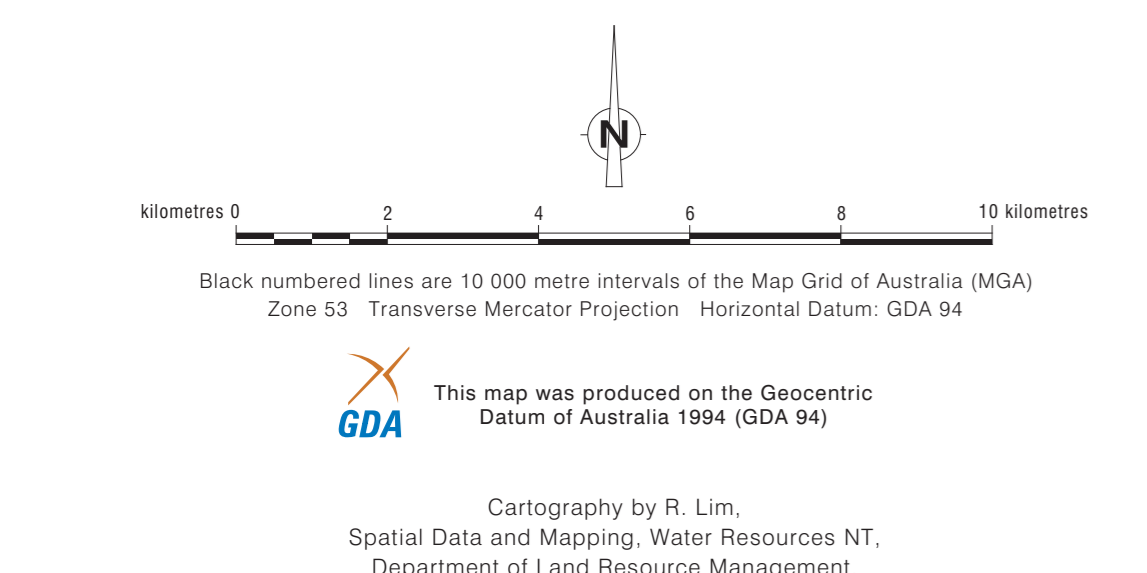
Data Sources:
 Northern Territory Department of Lands, Planning and Environment.
 Geoscience Australia, Australian Government.

MAP LOCALITY & 1:100 000 MAP SHEET INDEX



NT Portion 1

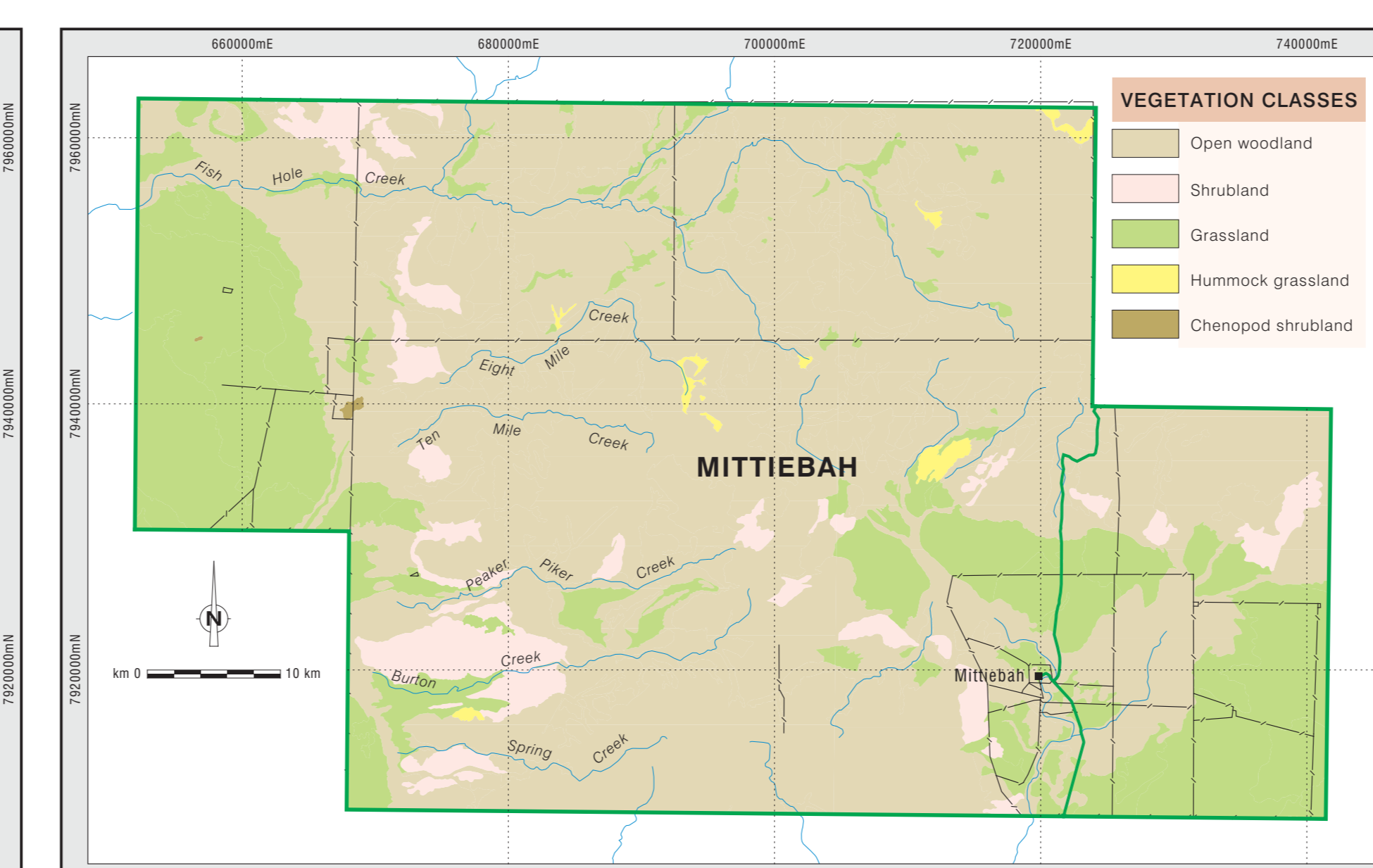
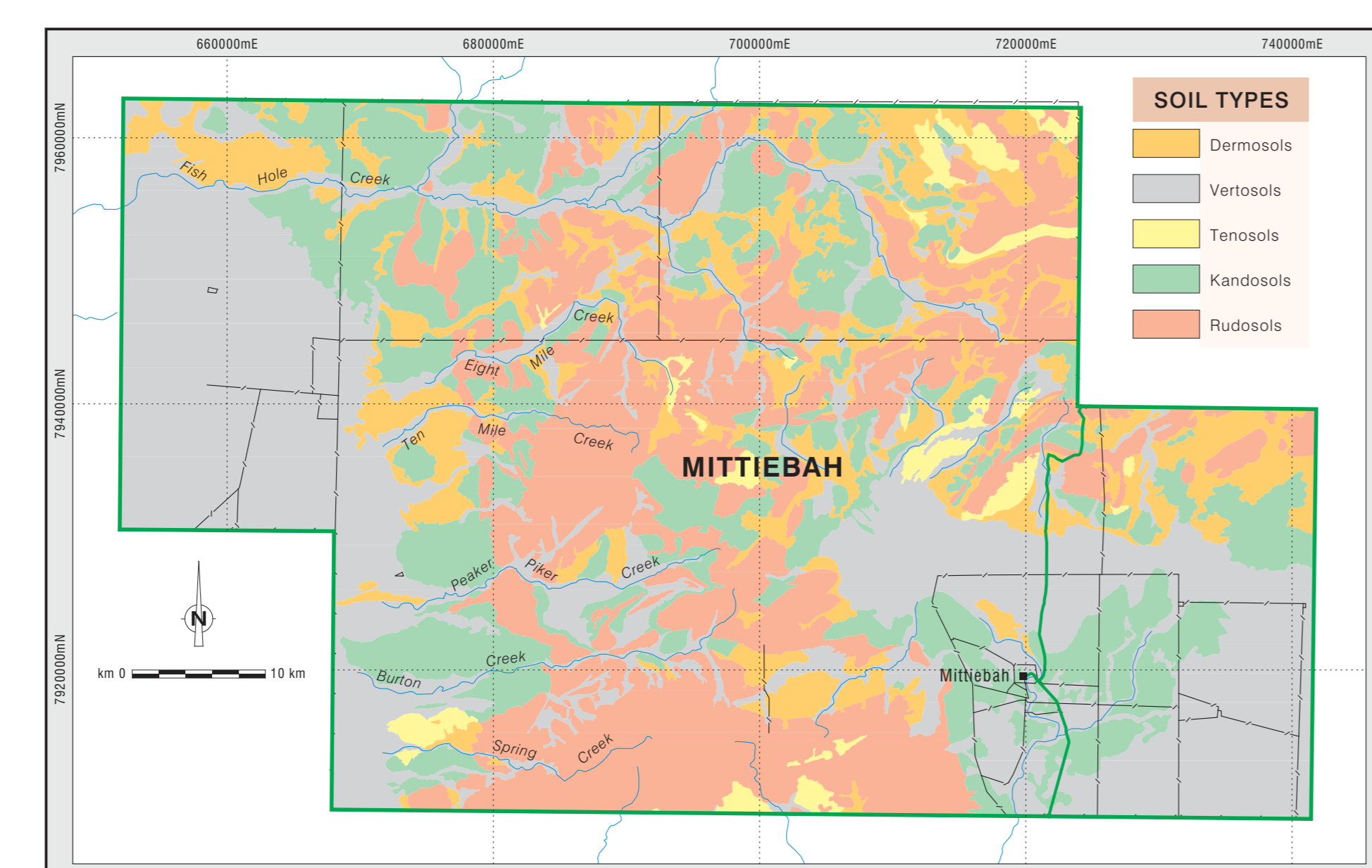
NT Portion 960



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

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

Cartography by R. Lim,
 Spatial Data and Mapping, Water Resources NT,
 Department of Land Resource Management,
 Northern Territory of Australia December 2014



LAND UNIT DESCRIPTIONS

LOW HILLS

- 1.1 Dissected low hills formed on Mittlebah Sandstone with patchy sandy soils; very gravelly Lithosols (Rudosols), Eucalyptus brevifolia and Corymbia dicromophloia low open woodland over Triodia pungens hummock grassland.
- 1.2 Dissected low hills formed on Mulera Sandstone with patchy sandy soils; very gravelly Lithosols (Rudosols), Eucalyptus brevifolia and Corymbia dicromophloia low open woodland over Triodia pungens hummock grassland.
- 1.3 Dissected low hills formed on Constance Sandstone with patchy sandy soils; very gravelly Lithosols (Rudosols), Eucalyptus brevifolia and Corymbia dicromophloia low open woodland over Triodia pungens hummock grassland.
- 1.4 Dissected low hills formed on Peaker Piker Volcanics with sandy clay to clay soils; very gravelly Lithosols (Rudosols), Eucalyptus brevifolia and Corymbia dicromophloia low open woodland over Triodia pungens hummock grassland.
- 1.5 Dissected low hills formed on Burton Beds with patchy sandy soils; very gravelly Lithosols (Rudosols), Eucalyptus brevifolia and Corymbia dicromophloia low open woodland over Triodia pungens hummock grassland.

PLAINS

- 2.1 Gently sloping to level plains and paddles with abundant lateritic gravel Red earths (Kandosols), Eucalyptus spp., mid high open woodland with a Triodia pungens hummock grassland understorey.
- 2.2 Dissected low hills formed on Mulera Sandstone with patchy sandy soils; very gravelly Lithosols (Rudosols), Eucalyptus brevifolia and Corymbia dicromophloia low open woodland over Triodia pungens hummock grassland.
- 2.3 Level to gently undulating lateritic plains Brown earths (Kandosols), Groved Acacia lysiphloia tall open woodland with mixed spp., sparse tussock grassland.
- 2.4 Level plains and paddles dissected by drainage Brown earths (Kandosols), Eucalyptus prunosa low open woodland with mixed annual spp., mid high open tussock grassland.
- 2.5 Level lateritic plains with minor areas of cracking clay Brown earths (Kandosols), Alalya hemiglyca, Vertigo viminalis and Grevillea striata low open woodland with mixed annual spp., mid high open grassland.
- 2.6 Level lateritic plains and paddles with Red brown earths (Kandosols), Eucalyptus microtheca low open woodland over Triodia pungens tall hummock grassland.
- 2.7 Level to very gently sloping lateritic plains and paddles Brown earths (Kandosols), Eucalyptus prunosa low open woodland with Triodia pungens mid high open hummock grassland.
- 2.8 Level plains Earthy sands (Tenosols), Triodia pungens mid high hummock grassland.
- 3.1 Gently sloping plains Earthy sands (Tenosols), Eucalyptus spp., low open woodland with a Triodia spp. hummock grassland understorey.

DOWN'S PLAINS

- 4.1 Level plains with normal gigan Grey clays (Vertosols), Isilema spp. with Astrebla pectinata mid high grassland.

DOWN'S PLAINS (continued)

- 4.2 Level plains with normal gigan Grey clays (Vertosols), Isilema spp. with Astrebla pectinata mid high grassland.
- 5.1 Level to very gently undulating plains Grey clays (Vertosols), Astrebla spp. mid high open grassland.
- 5.2 Level plains Grey clays (Vertosols), Isilema spp. and Astrebla spp. mid high grassland.
- 5.3 Level plains Brown clays (Vertosols), Sorghum timorense very tall closed grassland.
- 5.4 Level plains Brown clays (Vertosols), Eucalyptus microtheca low open woodland with mixed spp. tall open grassland understorey.
- 5.5 Level plains Grey clays (Vertosols), Astrebla elymoides tall open grassland.
- 5.6 Level to gently undulating plains with minor remnant lateritic surfaces Grey clays (Vertosols), Astrebla spp. mid high open grassland; minor story rises with Alalya hemiglyca and Vertigo viminalis low open woodland.

DRAINAGE SYSTEMS

- 6.1 Drainage floors and associated narrow floodplains Brown clays (Vertosols), Eucalyptus microtheca with Eucalyptus camaldulensis mid high open woodland.
- 6.2 Drainage floors with clay plains Brown clays (Vertosols), Eucalyptus microtheca low open woodland with mixed spp. tall grassland understorey.

INLAND WETLANDS

- 7.1 Shallow ephemeral swamps Brown clays (Vertosols), Eucalyptus microtheca low open woodland with mixed spp. tall grassland understorey.
- 7.2 Shallow ephemeral swamps Grey clays (Vertosols), Chenopodium auricomum tall chenopod shrubland.

Example of Land Unit Descriptions

PLAINS 2.3
 Level to gently sloping lateritic plains, Brown earths (Kandosols), Groved Acacia lysiphloia tall open shrubland with mixed spp., sparse tussock grassland.