

LAND UNIT DESCRIPTIONS

PLATEAUX

1a Gently undulating basalt plateaux, minor rock outcrop and abundant surface rock. Moderately deep cracking clay soils (Grey, Brown and Black Vertosols). Annual sorghum/speargrass and plume sorghum tall tussock grasslands. (Annual Sorghum sp. tall tussock grassland)

1a1 Gentle to undulating basalt plateaux, rock outcrop. Shallow soils (Leptic Rudosols). Bloodwood OR Terminalia low open woodland with whitegrass, annual sorghum/speargrass and plume sorghum grasslands. (Corymbia terminalis OR Terminalia canescens low open woodland)

SIDESLOPES

2a Steep basalt escarpments and sideslopes. Shallow red structured soils (Shallow Red Chromosols). Bloodwood and mixed species low open woodland with annual sorghum/speargrass grasslands. (Corymbia terminalis mixed species low open woodland)

HILLS

3a Steep basalt hills, abundant rock outcrop and surface stone. Shallow soils (Leptic Rudosols). Bloodwood and Silver box low open woodland OR Snappy gum low open woodland with whitegrass and spinifex grasslands. (Corymbia terminalis and Eucalyptus pruinosa low open woodland OR Eucalyptus brevifolia low open woodland)

3a1 Steep basalt hills, abundant rock outcrop. Shallow structured red earths (Shallow Red Dermosols). Darwin box low open woodland with annual sorghum grasslands OR Annual sorghum/speargrass mid closed tussock grasslands. (Eucalyptus tectifica low open woodland OR Sorghum stipoideum mid closed tussock grassland)

3a2 Steep basalt hills including mesas, abundant rock outcrop and surface stone. Very shallow soils (Leptic Rudosols). Soft spinifex grasslands. (Triodia spp. mid hummock grassland)

LOW HILLS

4a Gentle to undulating basalt low hills, rock outcrop. Very shallow soils (Leptic Rudosols). Mixed tussock grasslands with Tickweed. (Mixed spp. low and mid tussock grassland with Cleome viscosa)

4a1 Undulating to rolling basalt low hills, abundant rock outcrop. Very shallow soils (Leptic Rudosols). Snappy gum and Bloodwood low open woodland OR Snappy gum woodland with whitegrass and annual sorghum/speargrass grasslands. (Eucalyptus brevifolia and Corymbia terminalis low open woodland)

4a2 Undulating to steep low basalt hills, abundant rock outcrop. Very shallow soils (Red Kandosols). Bloodwood and Nutwood or Terminalia low open woodland with annual sorghum/speargrass, whitegrass and spinifex grasslands. (Corymbia terminalis and Terminalia sp. low open woodland)

4a3 Undulating low basalt hills, abundant rock outcrop. Very shallow soils (Leptic Rudosols). Snappy gum low open woodland with spinifex or whitegrass grasslands. (Eucalyptus brevifolia low open woodland)

4a6 Undulating to rolling basalt low hills and mesas. Very shallow soils (Leptic Rudosols). Soft spinifex grasslands. (Triodia pungens mid hummock grassland)

4d1 Undulating to steep limestone low hills, abundant rock outcrop and pavement. Shallow soils (Red Kandosols). Bloodwood and Common hakea low open woodland with hard spinifex grasslands. (Corymbia terminalis and Hakea arborecens low open woodland)

RISES

5a1 Undulating stony basalt rises, rock outcrop in some areas. Very shallow soils (Leptic Rudosols). Snappy gum low open woodland with soft spinifex grasslands. (Eucalyptus brevifolia low open woodland)

5a2 Undulating basalt rises, rock outcrop. Shallow structured red earths (Red Dermosols). Bloodwood and Nutwood low open woodland OR Bloodwood and Silver box low open woodland with mixed tussock grasslands. (Corymbia terminalis and Terminalia arthrotrata low open woodland OR Corymbia terminalis and Eucalyptus pruinosa low open woodland)

5a4 Gently to undulating basalt rises, abundant loose surface stone. Deep red cracking clays (Red, Grey and Black Vertosols). Terminalia and Bauhinia low open woodland with native couch, golden beard grass, wiregrass and flinders grass grasslands. (Terminalia spp. and Bauhinia cunninghamii low open woodland)

5a7 Gently to undulating basalt rises, abundant surface gravel. Shallow structured red soils (Red Dermosols). Silver box and Bloodwood low open woodland OR Snappy gum low open woodland with whitegrass, golden beard grass, blackspine grass and annual sorghum grasslands. (Eucalyptus pruinosa and Corymbia terminalis low open woodland OR Eucalyptus brevifolia low open woodland)

5a15 Basalt valley flats with incised drainage lines. Shallow red earths (Red Kandosols). Silver box and Bloodwood low open woodland with whitegrass and annual sorghum/speargrass grasslands. (Eucalyptus pruinosa and Corymbia terminalis low open woodland)

5a16 Gently to undulating basalt rises, abundant loose surface stone and rock. Deep cracking clays (Red, Brown, Grey and Black Vertosols). Mixed open tussock grasslands (feathertop wiregrass, native couch, mitchell grasses, golden beard grass, native millet). (Mixed spp. low to mid open tussock grassland)

5a18 Gently to rolling gravelly basalt rises. Shallow red structured soils (Red Dermosols). Soft or Hard spinifex grasslands. (Triodia sp. low to mid hummock grassland)

5d8 Gentle to undulating limestone rises, areas with extensive rock outcrop or pavement. Very shallow soils (Leptic Rudosols). Bloodwood low open woodland with annual sorghum/speargrass or hard spinifex grasslands. (Corymbia terminalis low open woodland)

PLAINS

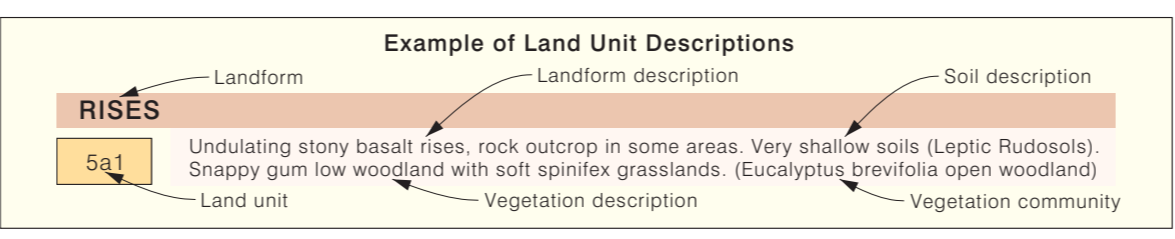
6a Gently undulating basalt plains. Deep grey cracking clays (Grey, Red, Brown and Black Vertosols). Mixed tussock grassland (native couch, golden beard grass, feathertop wiregrass, curly bluegrass, flinders and mitchell grasses). (Mixed spp. low to mid tussock grassland)

6a8 Level to gently undulating basalt plains. Moderately deep red structured soils (Red Dermosols). Bloodwood and Silver box low open woodland with whitegrass, black speargrass mixed grasslands. (Corymbia terminalis and Eucalyptus pruinosa low open woodland)

6a10 Level to gently undulating basalt plains. Shallow red structured soils (Red Dermosols). Spinifex grasslands. (Triodia sp. low hummock grassland)

DRAINAGE SYSTEMS

81 River systems and watercourses. Variable soils (Red Kandosols and Dermosols). Ghost gum low and mid open woodland OR River red gum low and mid open woodland with mixed grasses. (Corymbia bella low and mid open woodland OR Eucalyptus camaldulensis low and mid open woodland)



BIBLIOGRAPHIC REFERENCE:

Napier, D.E. and Hill J.V. (2012) *LAND RESOURCES OF THE VICTORIA RIVER DISTRICT* Technical Report No. 19/2012
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TECHNICAL REFERENCES:

National Committee on Soil and Terrain (2009). *AUSTRALIAN SOIL AND LAND SURVEY FIELD HANDBOOK* (3rd edn). Canberra, Australian Collaborative Land Evaluation Program, CSIRO Publishing, Melbourne.

Isbell, RF (2002). *THE AUSTRALIAN SOIL CLASSIFICATION*. CSIRO Publishing, Melbourne.

Executive Steering Committee for Australian Vegetation Information (ESCAVI) (2003). *AUSTRALIAN VEGETATION ATTRIBUTE MANUAL: NATIONAL VEGETATION INFORMATION SYSTEM* Version 6. Department of Environment and Heritage, Canberra.

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.

Northern Territory Government

LAND RESOURCES OF THE VICTORIA RIVER DISTRICT

LAND RESOURCES of MALNGIN 2 ABORIGINAL LAND TRUST (Brumby Plains)

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