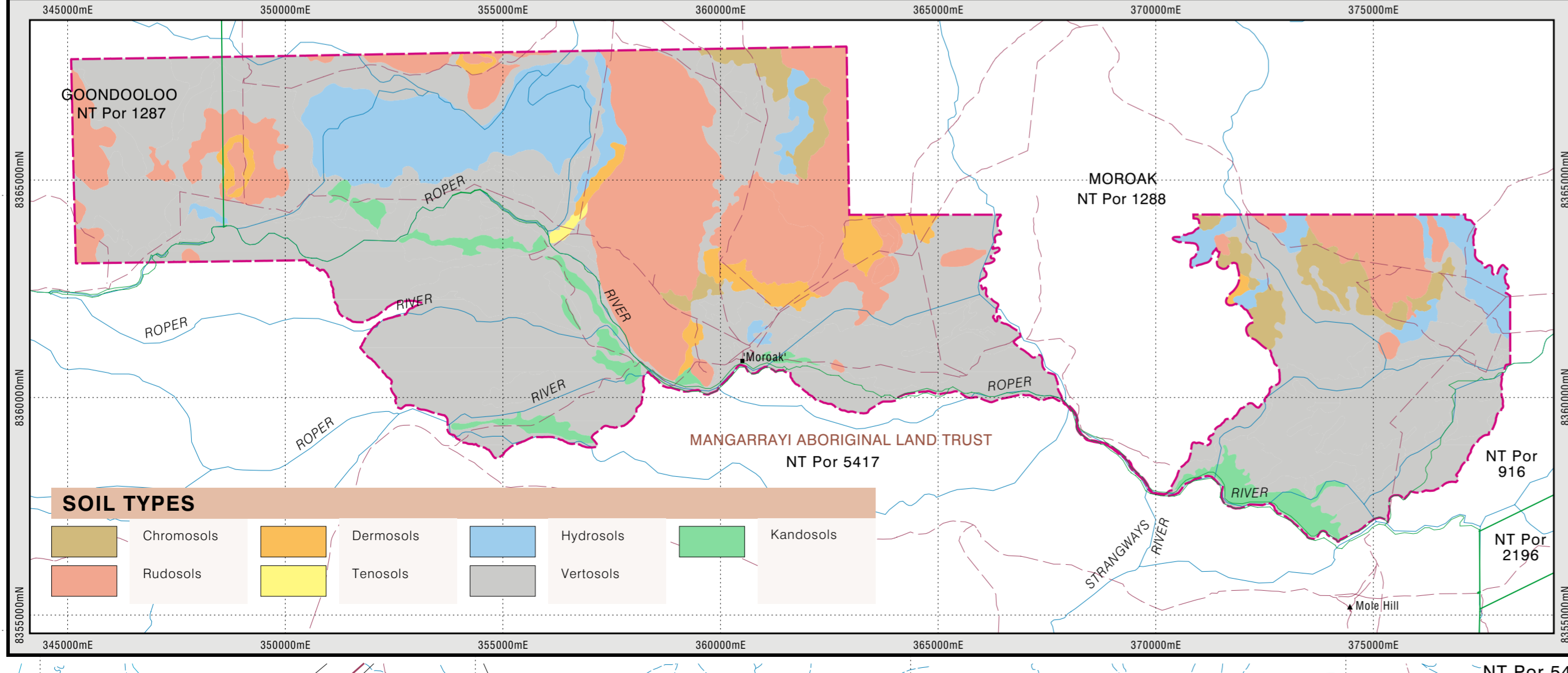
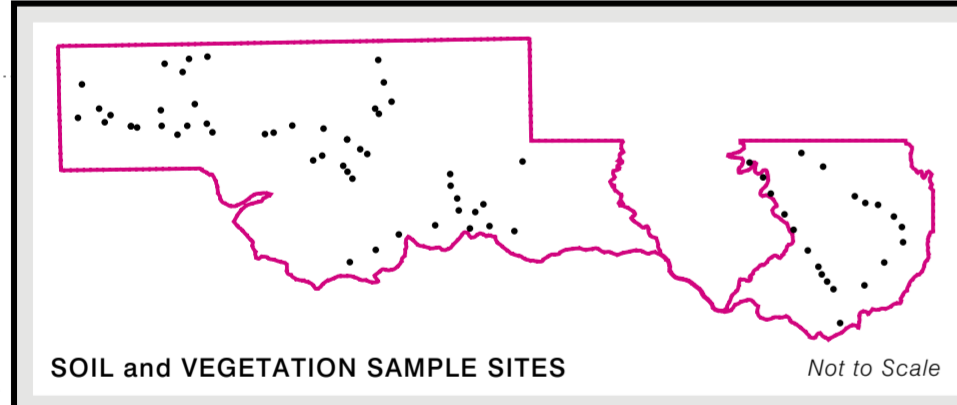
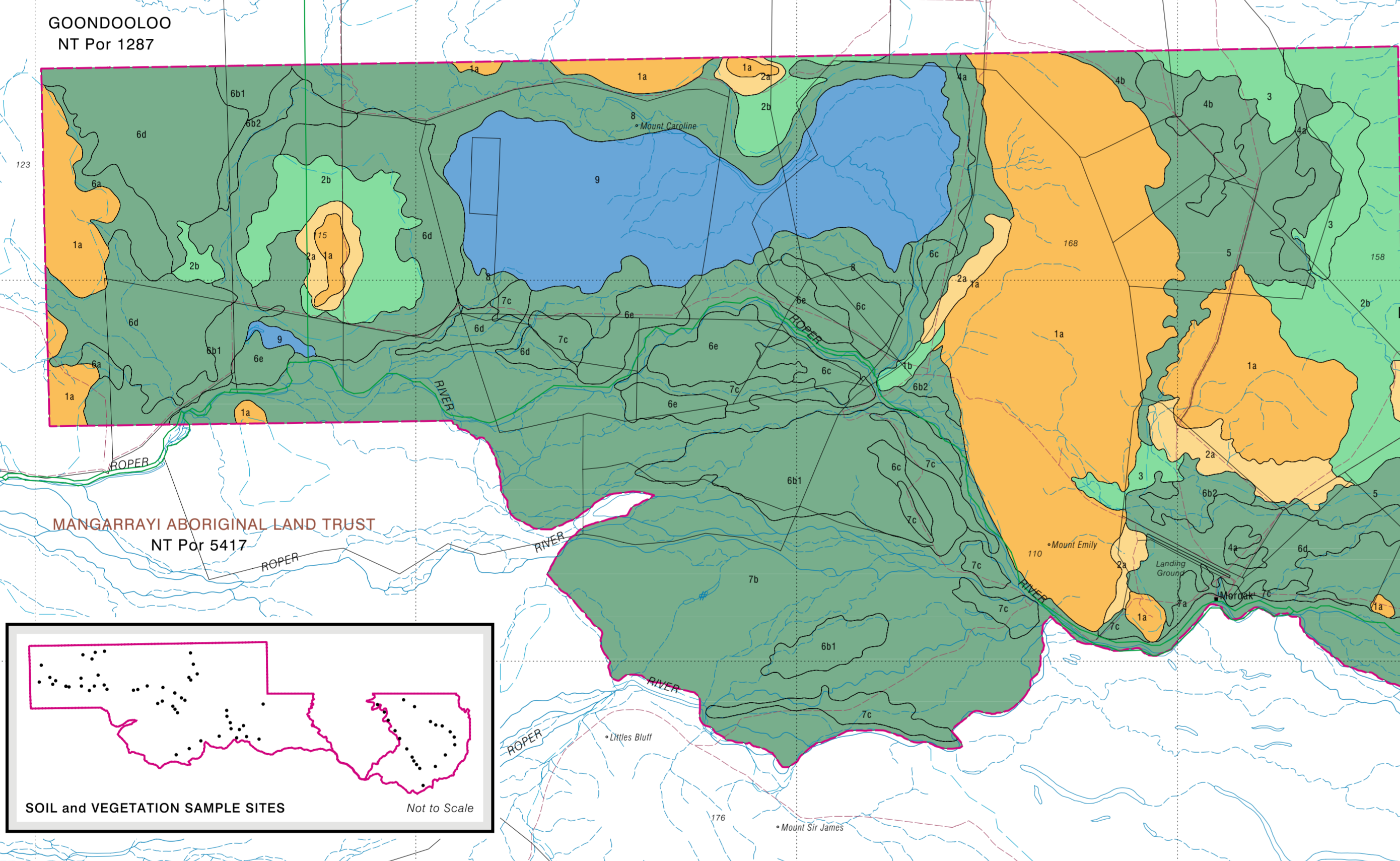


VEGETATION STRUCTURE

	Open forest		Woodland		Open woodland		Grassland
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SOIL TYPES

	Chromosols		Dermosols		Hydrosols		Kandosols
	Rudosols		Tenosols		Vertosols		

BIBLIOGRAPHIC REFERENCE:
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 Isbell R.F. (2002) *The AUSTRALIAN SOIL CLASSIFICATION (Revised Edition)* (CSIRO Publishing, Melbourne)

Land resource information has been derived from aerial photograph interpretation and field collection of data describing landform, soil and vegetation. Mapping has been collected according to the national standards and prepared at a scale of 1 : 15 000. 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 UPPER ROPER PLAINS - MOROAK STATION

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LOW HILLS

1a Hills and low erosional rises (slopes to 15%); Rock outcrop. Shallow lithosols (Rudosols); rapidly drained. Mixed species Low open woodland to open woodland

RISES

2a Foot slopes (up to 5%); Rock outcrop. Shallow kraznozems (Dermosols) and shallow yellow earths (Kandosols); moderately well drained. *Corymbia opaca*, *Eucalyptus pruinosa* and *Hakea arborescens* Low woodland (in basalt areas). *Corymbia confertiflora*, *Corymbia latifolia*, *Corymbia ferruginea* Woodland (in sandstone areas)

PLAINS

1b Depositional sand plains elevated above the alluvial clay plains. Deep siliceous sands (Tenosols); well drained. *Corymbia confertiflora* with *Corymbia bella* and *Corymbia grandifolia* woodland

2b Scree slopes and stone pavements (slopes to 3%). Shallow gravelly lithosols (Rudosols); moderately well drained. *Corymbia confertiflora*, *Eucalyptus pruinosa* and *Terminalia canescens* Low open woodland

3 Colluvial slopes (slopes to 2%). Deep solodics (Chromosols) and yellow earths (Kandosols); imperfectly drained. *Eucalyptus pruinosa*, *Melaleuca* sp., and *Eucalyptus microtheca* Low woodland to Woodland

ALLUVIAL PLAINS

4a Head of alluvial plains (slopes to 2%). Yellow earths and clays (Hydrosols); poorly drained. *Eucalyptus pruinosa*, *Eucalyptus patellaris* and *Corymbia confertiflora* Low woodland to Woodland

4b Head of alluvial plains. Olive-brown hardsetting clays (Vertosols); poorly drained. *Eucalyptus microtheca*, *Excoecaria parvifolia* and *Melaleuca viridiflora* Woodland

5 Upper alluvial plains; incised drainage channels. Yellow and brown hardsetting clays (Vertosols); poorly drained. *Dichanthium sericeum*, *Schizachyrium fragile* and *Chrysopogon latifolius* Tussock grassland

6a Basalt derived alluvial plains. Black earths (Vertosols); poorly drained. *Terminalia platyphyla* with *Corymbia bella* and *Bauhinia cunninghamii* Low open woodland

ALLUVIAL PLAINS continued

6b1 Alluvial plains. Olive-brown and grey brown clays (Vertosols); poorly drained. *Eucalyptus microtheca* Woodland

6b2 Alluvial plains. Grey brown and olive brown clays (Vertosols); poorly drained. *Eucalyptus microtheca* with *Excoecaria parvifolia* Low woodland

6c Alluvial plains. Dark grey brown (Vertosols); very poorly drained. *Excoecaria parvifolia* with *Melaleuca* sp., and *Terminalia platyphyla* Woodland

6d Basalt derived alluvial plains. Dark grey brown and grey clays (Vertosols); poorly drained. *Dichanthium sericeum*, *Dichanthium fecundum* and *Isolema Tussock* grassland

6e Alluvial plains bordered by stream channels. Dark grey clays (Vertosols) poorly drained. *Dichanthium sericeum*, *Isolema fragile* and *Pseudoraphis spinescens* Open tussock grassland

7a Levees and raised alluvial plain areas between major tributaries. Dark grey brown clays (Vertosols); poorly drained. *Corymbia bella*, *Eucalyptus microtheca* and *Gyrocarpus americanus* Open forest

7b Braided channels and major tributaries of the Roper River. Dark grey brown and olive brown clays (Vertosols); poorly drained. *Eucalyptus microtheca*, *Excoecaria parvifolia* and *Erythroxylum ellipticum* Low open woodland to Low woodland

7c Relic stream channels and levees. Alluvial brown and yellow clays (Kandosols); imperfectly drained. *Corymbia bella*, *Eucalyptus microtheca* and *Ventilago viminalis* Woodland

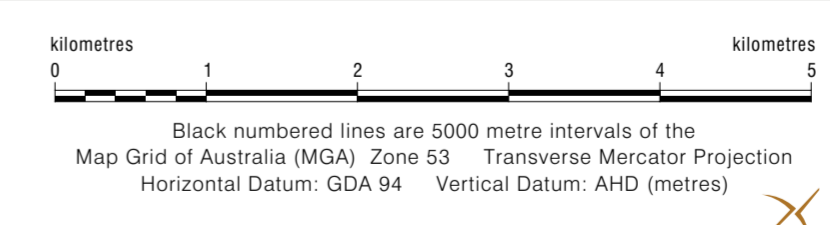
8 Low lying swamp margins with severe channeling. Grey brown clays (Vertosols); very poorly drained. *Excoecaria parvifolia* Low woodland to Woodland

SWAMPS

9 Swamps; very poorly drained; perennially wet. Hydrosols.

GENERAL FEATURES

	Extent of survey
	Property boundary
	Moroak
	Mole Hill
	Pastoral homestead
	Family outstation
	Landing ground
	Highway - unsealed
	Minor road - unsealed
	Track
	Drainage line
	Waterhole
	Mountain
	Spot elevation
	Mount Emily



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MAP LOCALITY & 1:100 000 MAP SHEET INDEX

