

NSW VCA ID	NSW VCA Name	Total Area (ha)	Landform pattern / main soil types	Characteristic species in each stratum. Note that floristics are relevant to NSW VCA community over its entire distribution, and may not accurately reflect community make-up within this mapsheet
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Grassy Woodlands				
74	Yellow Box - River Red Gum tall grassy riverine woodland of NSW South-western Slopes and Riverina Bioregions	508	Flood plain, Meander plain / Alluvial soil, Black earth, Grey clay	<i>Eucalyptus melliodora</i> - <i>Eucalyptus camaldulensis</i> / <i>Acacia deanei</i> subsp. <i>deanei</i> - <i>Acacia stenophylla</i> / <i>Monachather paradoxus</i> - <i>Elymus scaber</i> var. <i>scaber</i> - <i>Dichondra</i> sp. A - <i>Juncus filiculis</i>
76	Inland Grey Box tall grassy woodland on alluvial loam and clay soils	26	Alluvial plain, Flood plain / Grey clay, Red clay, Red-brown earth	<i>Eucalyptus microcarpa</i> / <i>Dodonaea viscosa</i> subsp. <i>cuneata</i> - <i>Acacia buxifolia</i> subsp. <i>buxifolia</i> / <i>Austrodanthonia caespitosa</i> - <i>Austrostipa scabra</i> subsp. <i>falcata</i> - <i>Chloris truncata</i> - <i>Sida corrugata</i>
80	Inland Grey Box - White Cypress Pine tall woodland on loam soil on alluvial plains	8,797	Alluvial plain, Stagnant alluvial plain / Grey brown podzolic soil, Red-brown earth	<i>Eucalyptus microcarpa</i> - <i>Callitris glaucophylla</i> - <i>Allocasuarina luehmannii</i> / <i>Maireana microphylla</i> - <i>Acacia deanei</i> subsp. <i>deanei</i> / <i>Austrostipa scabra</i> subsp. <i>scabra</i> - <i>Austrodanthonia setacea</i> - <i>Calotis cuneifolia</i>
237	Riverine Inland Grey Box grassy woodland of the semi-arid climatic zone	31	Flood plain / Grey clay, Grey earth	<i>Eucalyptus microcarpa</i> - <i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> / <i>Acacia acinacina</i> - <i>Maireana enclysioides</i> / <i>Paspalum jubiflorum</i> - <i>Austrodanthonia caespitosa</i> - <i>Juncus flavivus</i> - <i>Atriplex semibaccata</i>

Grasslands				
Riverine Plain Grasslands				
46	Curly Windmill Grass - Speargrass - Wallaby Grass grassland on alluvial clay and loam	169	Alluvial plain / Brown clay, Brown earth, Grey clay, Grey earth	<i>Enteropogon ramosus</i> - <i>Austrostipa nodosa</i> - <i>Austrodanthonia eriantha</i> - <i>Austrodanthonia fulva</i> / <i>Rhodanthe corymbiflora</i> - <i>Sida corrugata</i> - <i>Atriplex leptocarpa</i>
165	Derived Corkscrew Grass grassland/forland on sandplains and plains in the semi-arid (warm) climate zone	1,009	Dune/field, Sand plain / Brown earth, Grey-brown calcareous soil	<i>Austrostipa scabra</i> subsp. <i>scabra</i> - <i>Austrostipa nodosa</i> - <i>Austrostipa nitida</i> / <i>Sclerolaena divaricata</i> - <i>Salsola tragus</i> subsp. <i>tragus</i> / <i>Bromus rubens</i> - <i>Hordeum leporinum</i>
44	Forb-rich Speargrass - Windmill Grass - White-top grassland of the Riverina Bioregion	1,940	Alluvial plain / Brown clay, Brown earth, Grey clay, Grey earth	<i>Austrostipa nodosa</i> - <i>Chloris truncata</i> - <i>Austrodanthonia caespitosa</i> / <i>Rhodanthe corymbiflora</i> - <i>Maireana pentagona</i> - <i>Chrysocephalum apiculatum</i> - <i>Calotis scabrofolia</i> var. <i>scabrofolia</i>
45	Plains Grass grassland on alluvial mainly clay soils	2,167	Alluvial plain, Flood plain / Alluvial soil, Grey clay, Grey earth	<i>Austrostipa aristiglumis</i> - <i>Walshalyleya prolata</i> - <i>Sporobolus caroli</i> - <i>Austrodanthonia duttoniana</i> / <i>Marsilea drummondii</i> - <i>Eleocharis pallens</i> - <i>Wurmbea dioica</i> subsp. <i>dioica</i>

Freshwater Wetlands				
Inland Floodplain Swamps				
47	Swamp grassland of the Riverine Plain	4,587	Alluvial plain / Grey clay	<i>Pyrocnosus globosus</i> - <i>Lachnagrostis filiformis</i> - <i>Austrodanthonia duttoniana</i> - <i>Swainsonia procumbens</i> / <i>Alternanthera denticulata</i> - <i>Marsilea drummondii</i> - <i>Myriocephalus rhizocarpus</i>
53	Sedge - forb shallow freshwater wetland in depressions on floodplains on inland alluvial plains and floodplains	8	Alluvial plain, Flood plain, Stagnant alluvial plain / Brown clay, Grey clay	<i>Muehlenbeckia florulenta</i> - <i>Acacia stenophylla</i> / <i>Panicum decompositum</i> - <i>Paspalum jubiflorum</i> - <i>Juncus articulata</i> / <i>Eleocharis pallens</i> - <i>Eleocharis plana</i> - <i>Marsilea drummondii</i> - <i>Alternanthera denticulata</i>
181	Common Reed - Bushy Grousel aquatic tall grassland of inland river systems	26	Anastomotic plain, Flood plain / Grey clay, Humic grey	<i>Phragmites australis</i> / <i>Senecio cunninghamii</i> var. <i>cunninghamii</i> / <i>Marsilea drummondii</i> - <i>Centipeda cunninghamii</i> - <i>Pericaria decipiens</i>
182	Cumbungi rushland of shallow semi-permanent water bodies of the inland river systems	113	Flood plain / Grey clay, Humic grey	<i>Typha domingensis</i> / <i>Senecio cunninghamii</i> var. <i>cunninghamii</i> - <i>Juncus flavivus</i> / <i>Centipeda minima</i> var. <i>minima</i> - <i>Ptilis concolor</i> - <i>Ludwigia peploides</i> subsp. <i>montevideensis</i>

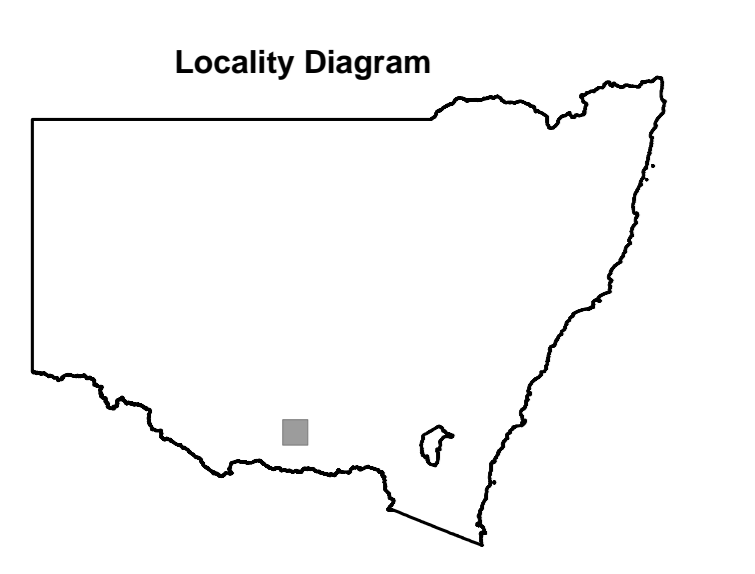
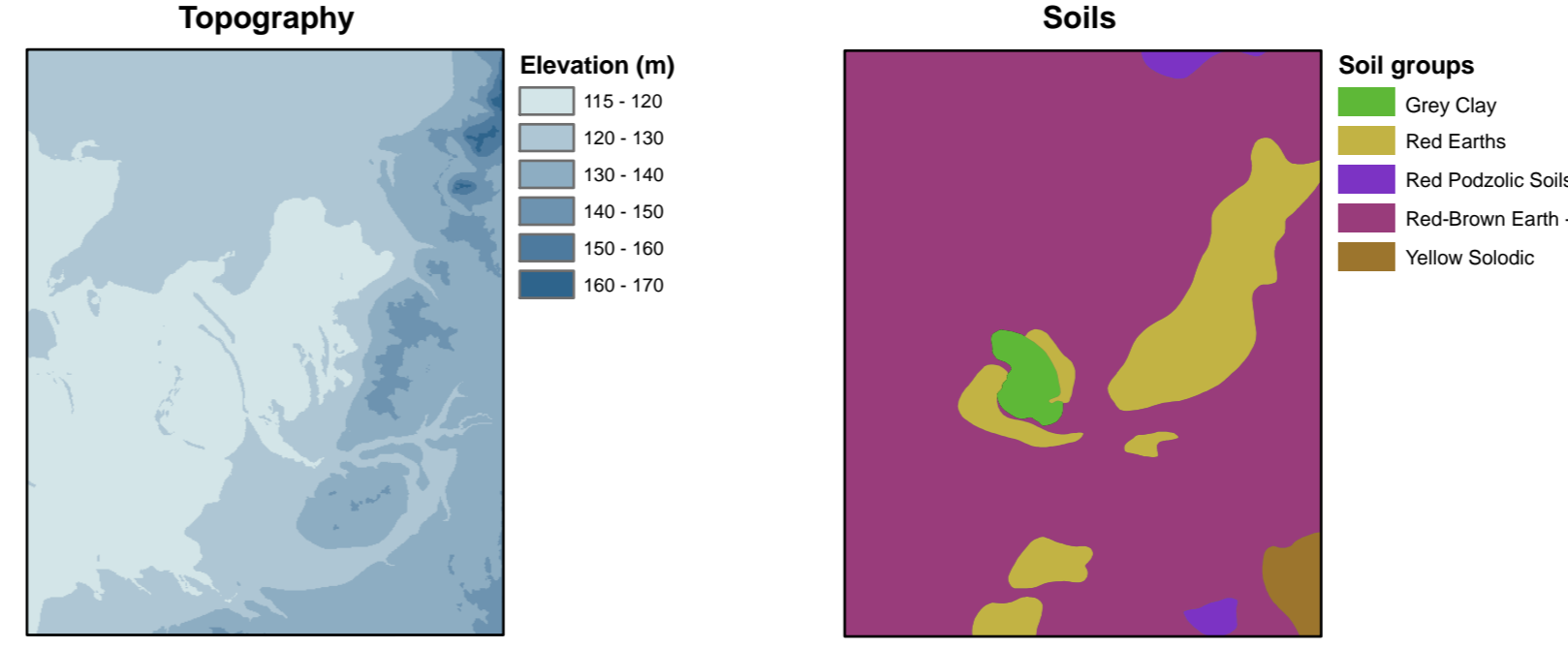
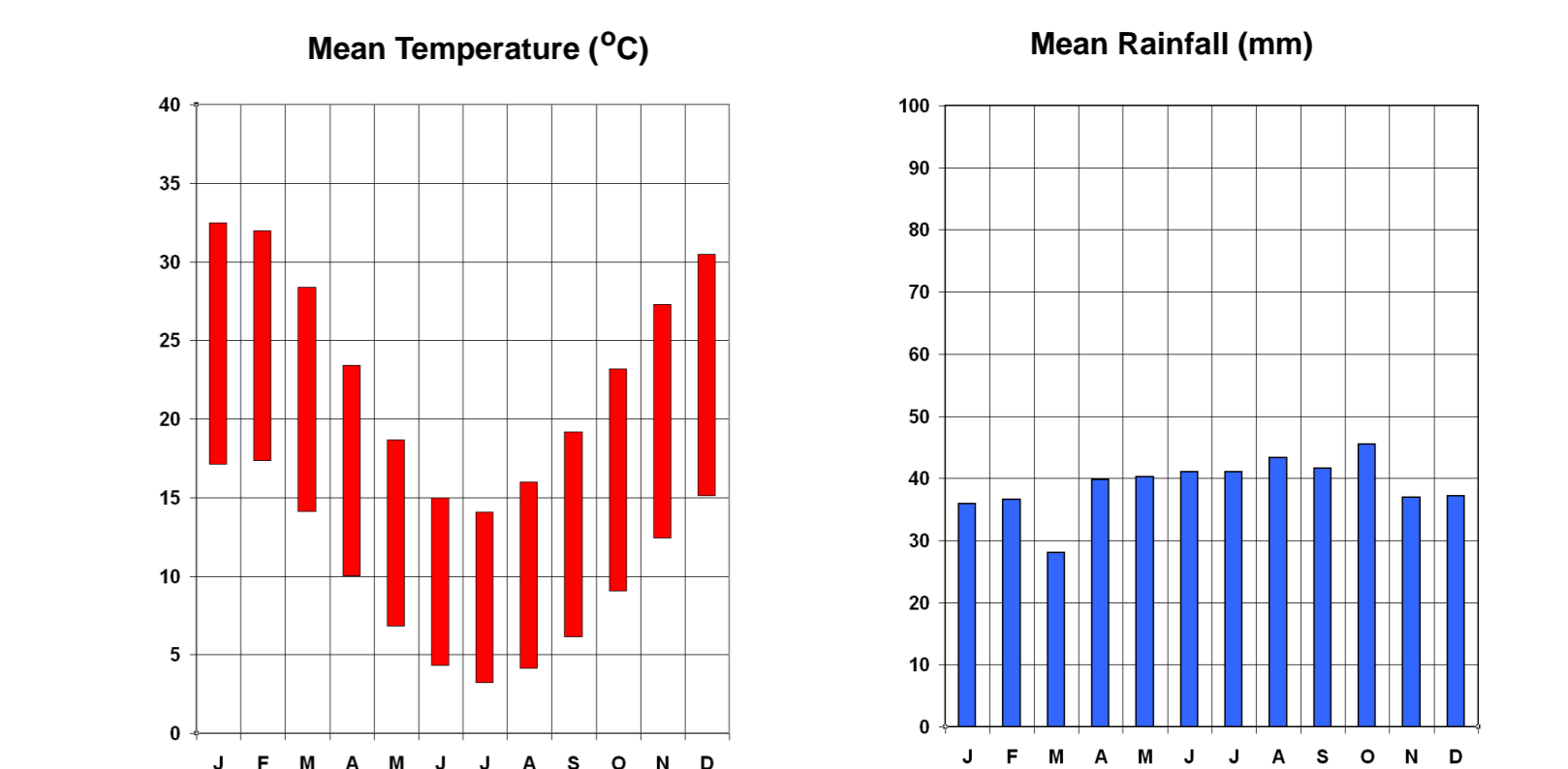
Inland Floodplain Shrublands				
17	Lignum shrubland of the semi-arid (warm) plains	592	Flood plain / Grey clay, Grey earth	<i>Muehlenbeckia florulenta</i> - <i>Chenopodium nitraiceum</i> / <i>Sclerolaena tricuspis</i> / <i>Senecio cunninghamii</i> var. <i>cunninghamii</i> - <i>Einadia nutans</i> subsp. <i>nutans</i>
24	Canegrass swamp tall grassland of drainage depressions, lakes and pans of the inland plains	2,562	Flood plain, Lacustrine plain, Playa plain / Red and brown hardpan soil	<i>Eragrostis australasica</i> - <i>Muehlenbeckia florulenta</i> - <i>Sclerostegia tenuis</i> / <i>Chloris truncata</i> - <i>Disphyma crassifolium</i> subsp. <i>clavellatum</i> - <i>Eragrostis setifolia</i> - <i>Marsilea drummondii</i>
160	Nitre Goosefoot shrubland on clays of the inland floodplains	179	Alluvial plain, Flood plain, Playa plain / Brown clay, Grey clay	<i>Chenopodium nitraiceum</i> / <i>Sclerolaena muricata</i> sens. lat. - <i>Sclerolaena stelligera</i> - <i>Malacocera tricorns</i>

Forested Wetlands				
Inland Riverine Forests				
7	River Red Gum - Warrego Grass - herbaceous riparian tall open forest mainly in the Riverina Bioregion	2,742	Covered plain, Flood plain, Meander plain / Brown clay, Grey clay, Grey earth	<i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> / <i>Paspalum jubiflorum</i> - <i>Wahlenbergia fluminalis</i> - <i>Senecio quadridentatus</i> - <i>Carex tereticaulis</i>
9	River Red Gum - Wallaby grass tall woodland on the outer River Red Gum zone	3,988	Covered plain, Flood plain / Brown clay, Grey clay, Grey earth	<i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> / <i>Austrodanthonia caespitosa</i> - <i>Juncus flavivus</i> - <i>Carex inversa</i>
10	River Red Gum - Black Box woodland of the semi-arid climatic zone	61	Alluvial plain, Flood plain, Meander plain / Alluvial soil, Grey clay, Grey earth	<i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> - <i>Eucalyptus largiflorens</i> / <i>Muehlenbeckia florulenta</i> / <i>Cyperus exaltatus</i> - <i>Paspalum jubiflorum</i> - <i>Quatis perennans</i>
11	River Red Gum - Lignum very tall open forest or woodland on floodplains of semi-arid climatic zone	19	Covered plain, Flood plain, Meander plain / Grey clay	<i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> / <i>Acacia stenophylla</i> - <i>Muehlenbeckia florulenta</i> / <i>Paspalum jubiflorum</i> - <i>Cyperus gymnocaulis</i> - <i>Einadia nutans</i> subsp. <i>nutans</i>
249	River Red Gum grass - swamp woodland to open woodland on cowl (lakes) and associated flood channels	2,483	Alluvial plain, Flood plain, Lacustrine plain / Brown clay, Grey clay	<i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> / <i>Muehlenbeckia florulenta</i> / <i>Amphibromus nervosus</i> - <i>Austrodanthonia setacea</i> - <i>Alternanthera denticulata</i> - <i>Mentha sativioides</i>

Semi-arid Woodlands				
Inland Floodplain Woodlands				
13	Black Box - Lignum of the inner floodplains of semi-arid climatic zone	9	Flood plain / Grey clay	<i>Eucalyptus largiflorens</i> / <i>Muehlenbeckia florulenta</i> - <i>Chenopodium nitraiceum</i> / <i>Einadia nutans</i> subsp. <i>nutans</i> - <i>Paspalum jubiflorum</i> - <i>Sclerolaena muricata</i> var. <i>muricata</i> - <i>Austrodanthonia caespitosa</i>
Riverine Plain Woodlands				
26	Weeping Myall open woodland of the Riverina and NSW South-western Slopes Bioregions	1,240	Plain, Rises, Stagnant alluvial plain / Brown clay, Grey clay, Red-brown earth	<i>Acacia pendula</i> - <i>Casuarina cristata</i> / <i>Rhagodia spinicercis</i> - <i>Maireana dealcans</i> - <i>Chenopodium nitraiceum</i> - <i>Amyema quandang</i> var. <i>quandang</i> / <i>Austrodanthonia caespitosa</i> - <i>Atriplex semibaccata</i> - <i>Einadia nutans</i> subsp. <i>nutans</i> - <i>Rhodanthe corymbiflora</i>
Riverine Sandhill Woodlands				
20	Buloke - Moonah - Black Box open woodland on sandy rises of semi arid climate	593	Flood plain / Red calcareous soil, Red-brown earth	<i>Eucalyptus largiflorens</i> / <i>Allocasuarina luehmannii</i> - <i>Melaleuca lanceolata</i> - <i>Hakea leptosperma</i> / <i>Austrodanthonia caespitosa</i> - <i>austrostipa nodosa</i> - <i>Atriplex leptocarpa</i>
28	White Cypress Pine open woodland of sand plains, prior streams and dunes	1,269	Alluvial plain, Sand plain, Stagnant alluvial plain / Brown earth, Red earth	<i>Callitris glaucophylla</i> / <i>Hakea leucopetra</i> subsp. <i>leucopetra</i> - <i>Pittosporum angustifolium</i> - <i>Maireana pyramidata</i> - <i>Maireana enclysioides</i> / <i>Enchlystena tomentosa</i> - <i>Dissocarpus paradoxus</i> - <i>Austrostipa scabra</i> subsp. <i>scabra</i> - <i>Tribulus terrestris</i>
48	White Cypress Pine - Drooping Sheak grassy open woodland of the Riverina plain	14	Alluvial plain / Red-brown earth	<i>Callitris glaucophylla</i> - <i>Allocasuarina verticillata</i> / <i>Thyridolepis mitchelliana</i> - <i>Themeda australis</i> - <i>Stachhouisia monogyna</i> - <i>Austrostipa eremophila</i>
75	Yellow Box - White Cypress Pine grassy woodland on deep sandy-loam alluvial soils of the eastern Riverina and western NSW South-western Slopes Bioregion	4,245	Flood plain, Plain / Earthy sand	<i>Eucalyptus melliodora</i> - <i>Callitris glaucophylla</i> / <i>Acacia deanei</i> subsp. <i>deanei</i> - <i>Eremophila longifolia</i> / <i>Enchlystena tomentosa</i> - <i>Sida corrugata</i> - <i>Austrostipa scabra</i> subsp. <i>falcata</i> - <i>Chloris truncata</i>

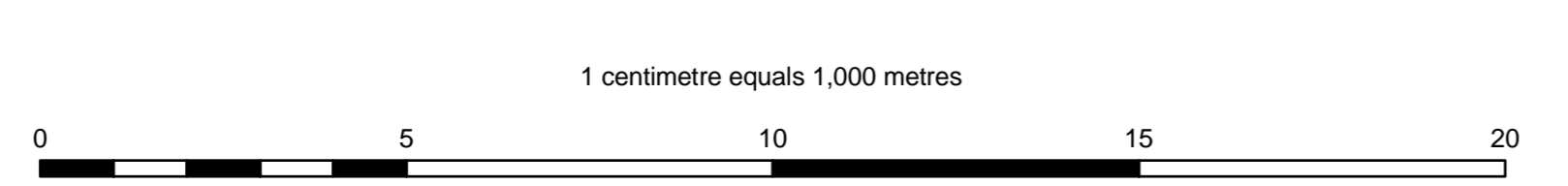
Arid Shrublands				
Riverine Chenopod Shrublands				
164	Cotton Bush open shrubland of the semi-arid zone	1,929	Alluvial plain / Brown clay, Brown earth, Grey clay	<i>Maireana aphylla</i> / <i>Sclerolaena tricuspis</i> - <i>Calceophalum sonderi</i> - <i>Rhodanthe corymbiflora</i> - <i>Austrodanthonia caespitosa</i>
216	Black Roly Poly low open shrubland	850	Alluvial plain / Brown clay, Grey clay	<i>Sclerolaena muricata</i> var. <i>semigrabra</i> - <i>Sclerolaena diacantha</i> - <i>Atriplex semibaccata</i> / <i>Vittadinia cuneata</i> - <i>Austrostipa scabra</i> subsp. <i>falcata</i> - <i>Austrodanthonia caespitosa</i>

Other Native		
996	Shallow Swamp Mosaic	17,030
997	Swamp Mosaic	6,550
998	Unclassified Shrubland	448
999	Native Grassland Mosaic	33,020
Non-native / Non-vegetated areas		
1000	Non native groundcover	152,726
1001	Planted Woody Vegetation	368

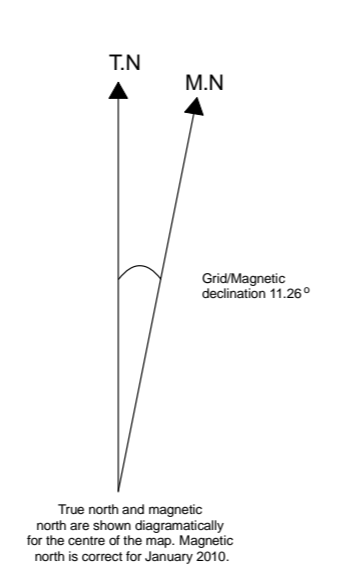


Index to Adjoining Sheets

COLAMBALLY 1:100,000	YANGO 1:100,000	NARRANDEREA 1:100,000
JERULDERE 1:100,000	URANA 1:100,000	LOCKHART 1:100,000
BERGAM 1:100,000	BURAJA 1:100,000	WALBUNDINE 1:100,000



TRANSVERSE MERCATOR PROJECTION
Horizontal Datum: Geographic Datum of Australian 1994.
Numbered grid lines are 1000 metre intervals of the Australian Map Grid, Zone 55.
Grid values are shown in full only at the south-west corner of the map.



Legend

- Town
- Locality
- Roads
- Rivers and Wetlands
- Cadastre
- National Park

Prepared by: Office of Environment & Heritage, Queanbeyan. Project and technical coordination by Owen Maguire. Digital Aerial Photograph Interpretation undertaken by Cameron Paterson and Robert Streeter. Hard copy map layout by Toni Edmonds and Rob Armstrong. Mapping was based on the interpretation of ADS40 aerial photography flown in April 2006. Polygons were captured at a scale of 1:6000 with a minimum polygon size of 1 ha (OEHS 2011). It is therefore possible to use this mapping at larger scales such as 1:25,000. This work has been assessed and found to have an overall user accuracy of 86% (Ecological 2010). Plant communities have been classified using the NSW VCA (see Benson et al. 2008, 2009). NSW VCA communities have been grouped in the Legend according to the NSW Vegetation Classes and Formations (see Keith 2004). VCA plant communities form part of the NSW Government's assessment tools such as the Property Vegetation Plan (PVP) developer and the BioBanking Vegetation Types database. For more information on NSW VCA plant communities go to http://www.roystd.nsw.gov.au/science/Research/vegetation_of_nsw.

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