

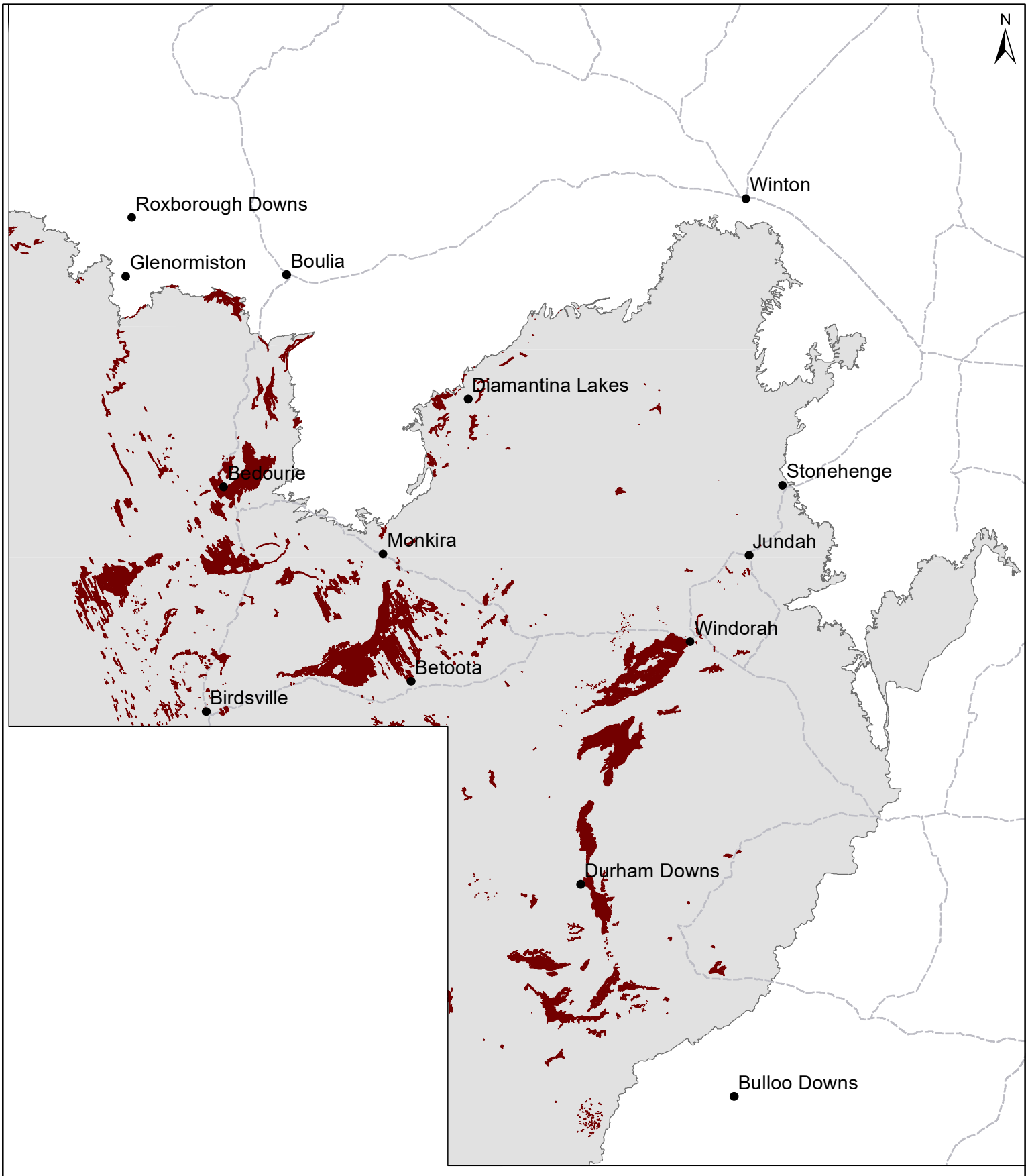
Poorly drained swamps and depressions (C3 floodplains)



General description	Braided channels and poorly drained swamps on alluvial plains. Annual grass may dominate when in good condition. Flooding is intermittent, with variable water speed and depth, generally associated with the outer lying channels.
Landform	Swamps on alluvial plains.
Woody vegetation	Coolibah, lignum, belalie, gooramurra, Queensland bluebush#.
Expected native pasture composition	<p>* Denotes non-native "Expected Pasture Composition" species.</p> <p># Denotes non-grass species that are important to grazing and land condition values in annually dominated land types.</p>
Preferred	Cow vine#, Cooper clover#, Queensland bluebush#. Preferred annuals include native sorghum.
Intermediate	Rat's tail couch, spiny flat sedge#, neverfail, swamp canegrass, nutgrass#. Intermediate annuals include pepper grass, button grass.
Non-preferred	Unpalatable sedges and nutgrasses.
Annual grasses	See preferred, intermediate and non-preferred species lists.
Common forbs	Verbena, pea bush, bogan flea, daisy burrs, nardoo, budda pea, cudweed, pigweed, goodenia#, jerry-jerry, mint bush, nutheads, wandering jew, daisies#, fireweed, native carrot#.
Suitable sown pasture	Not suitable for sown pastures.
Introduced weeds	Noogoora burr, parkinsonia, mesquite.
Soil	Very deep, poorly drained, alkaline and weakly to moderately gilgaied grey cracking clays.
Description	Surface: Self-mulching; Surface texture: heavy clays, Subsoil texture: heavy clay with sand bands in the profile.
Features	Recent alluvial sediments. Soils have strong core structure and crack widely.
Water availability	Moderate to high.
Rooting depth	Can be in excess of 1 m if not limited by sodicity.

Infiltration	High initially on a dry soil profile, slowing to moderate levels after 75 mm of rain as cracks close and to low levels after 100 mm of rain. Estimates based on low to moderate intensity storm rain.					
Fertility	High					
Salinity	Very low at the surface increasing to very high at depth.					
Sodicity	Strongly sodic at depth.					
pH	Moderate to strongly alkaline.					
Long-term carrying capacity information (A condition)	Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day					
	Median annual rainfall 151 – 253 mm					
	Pasture type	Median tree cover (TBA m ² /ha) (FPC %)	Median annual pasture growth (DM kg/ha)	Safe annual utilisation pasture growth (%)	LTCC (ha/AE)	
	Native species	0 TBA/FPC	170 - 770	Generally low, <15%	25 - 115	
		3 TBA 8 FPC	30 - 250	Generally low, <15%	78 – 649	
Enterprise	Breeding, backgrounding and finishing.					
Land use and management recommendations	<ul style="list-style-type: none">Allow natural spelling of annual plants to occur, to promote seed for future pastures.					
Land use limitations	<ul style="list-style-type: none">Lignum thickening can be problematic.Water logging within gutters and swamps can limit plant growth.Depth and duration of flooding can limit livestock access to pastures.					
Conservation features and related management	<ul style="list-style-type: none">Provides important drought refuge and seasonal water bird habitat. Lignum swamps potential habitat for rare and threatened fauna species including freckled duck. Lignum is habitat for grey grass wrens.Open herb fields are potential habitat for plains wanderer and fierce snake (western taipan).Springs are within Great Artesian Basin discharge areas. Impacted by artificial extraction, excavation, pig digging and stock trampling.Habitat for feral pigs.					
Regional Ecosystems	5.3.12a-b, 5.3.13a, 5.3.15b, 5.3.16a–b, 5.3.17a-b, 5.3.8c.					
WARLUS Part	I	II	III	IV	V	VI
Land systems	C3 (Woonabootra)	C3 (Woonabootra)				C3 (Woonabootra)

CC03 Poorly drained swamps and depressions (C3 floodplains)



Area of land type in region: 4%
Median rainfall (region): 151 – 390 mm
Average rainfall (region): 187 – 429 mm
Area of land type with FPC: 7%
Median FPC: 9%
Median TBA: 4 m²/ha



Queensland
Government