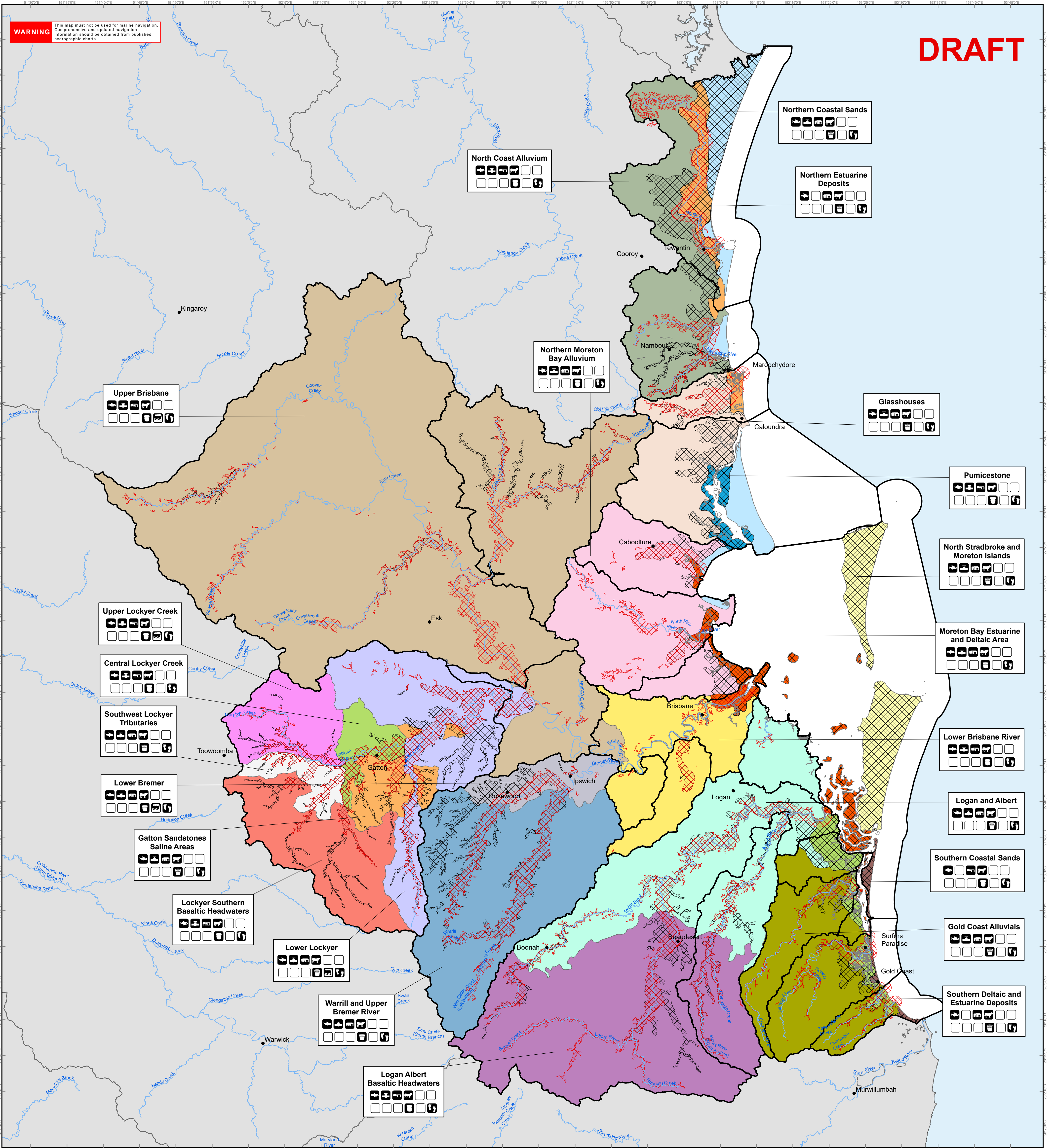




Legend

- Town
- Watercourse
- Drainage basin boundary
- Boundary of basin covered by the scheduling document

Alluvial Zones

Alluvium	North Stradbroke and Moreton Islands
Alluvium 'near stream'	Northern Coastal Sands
Central Lockyer Creek	Northern Estuarine Deposits
Gatton Sandstones Saline Areas	Northern Moreton Bay Alluvium
Glasshouses	Pumicestone
Gold Coast Alluvials	Southern Coastal Sands
Lockyer Southern Basaltic Headwaters	Southern Deltaic and Estuarine Deposits
Logan and Albert	Upper Brisbane
Logan and Albert Basaltic Headwaters	Upper Lockyer Creek
Lower Bremer	Warrill and Upper Bremer River
Lower Brisbane River	
Lower Lockyer	
Moreton Bay Estuarine and Deltaic Area	
North Coast Alluvium	

Key to Environmental Values

Aquatic Ecosystems	Drinking Water	Cultural & Spiritual Values
Irrigation	Stock Water	Industrial Use
Farm Supply	Aquaculture	Recreation
Human Consumer		

Notes:

- The ANZG recommends that the highest level of protection should be provided to underground aquatic ecosystems, given their high conservation value. Where groundwaters are in good condition the intent is to maintain existing water quality (20th, 50th and 80th percentiles).
- Alluvium may be located within any area of a chemistry zone, though it is likely more prevalent in the alluvium section mapped in black or red hatching on this plan. Alluvium 'near stream' areas (red hatching) are a 1.5km buffer of alluvium zones located near major watercourses. Refer to accompanying report for water quality percentiles.

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GWQ1401 - South East Queensland Groundwater Alluvial Zones

Basins 141 to 146 and part of basin 140

Environmental Protection (Water and Wetland Biodiversity) Policy 2019

This plan forms part of the South East Queensland Groundwater Environmental Values and Water Quality Objectives scheduling document, prepared pursuant to the Environmental Protection (Water and Wetland Biodiversity) Policy 2019

This plan is for discussion purposes only. Not government policy.

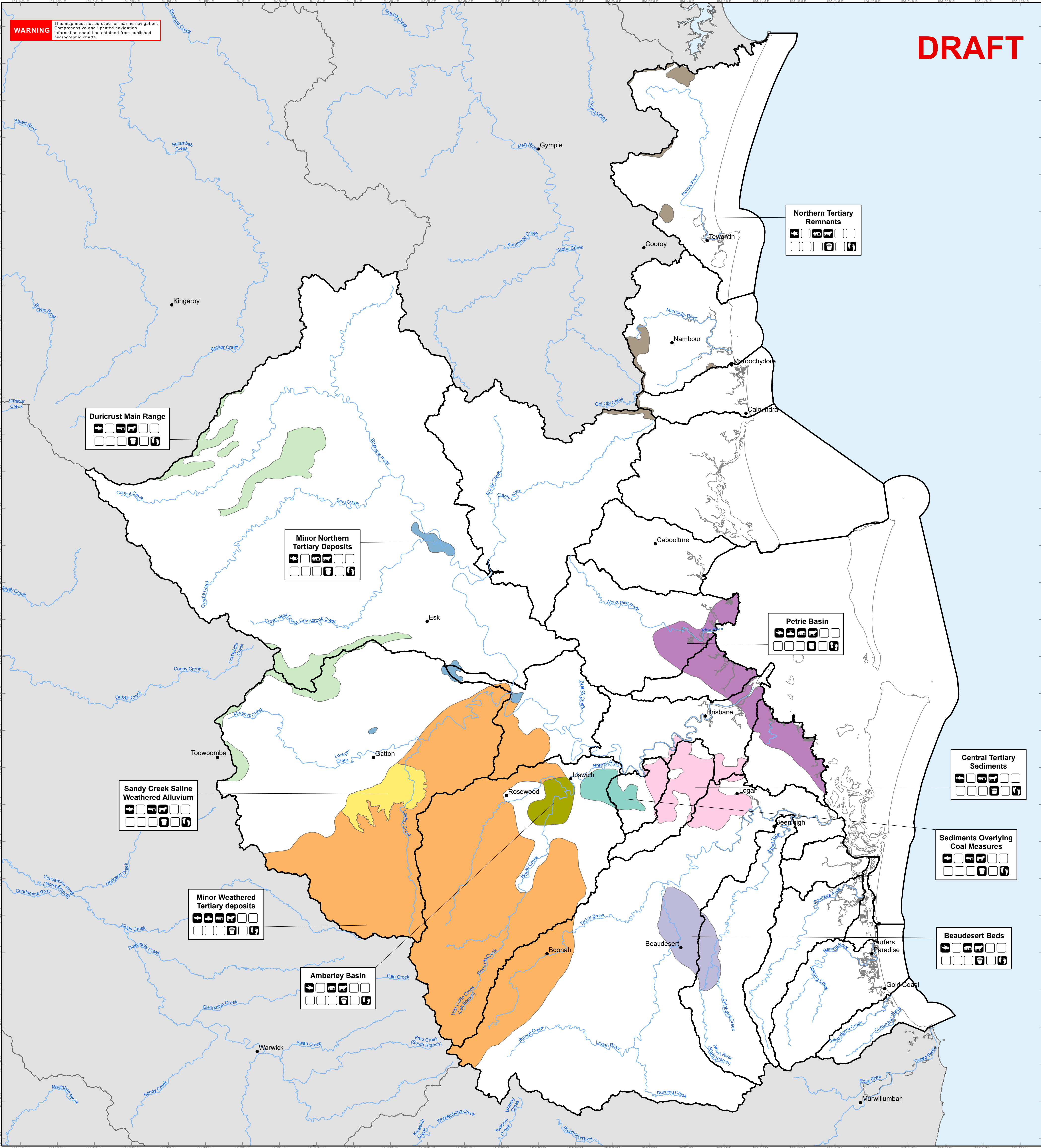
Queensland Government

Prepared on: 15 September 2023

Scale: 1:16,500,000 @ A1

Projection: Mercator

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)



Legend

- Town
- Watercourse
- Drainage basin boundary
- Boundary of basin covered by the scheduling document

Cainozoic deposits including sediments overlying the Great Artesian Basin

Amberley Basin	Northern Tertiary Remnants
Beaudesert Beds	Petrie Basin
Central Tertiary Sediments	Sandy Creek Saline Weathered Alluvium
Duricrust Main Range	Sediments Overlying Coal Measures
Minor Northern Tertiary Deposits	No aquifers of this type
Minor Weathered Tertiary deposits	

Key to Environmental Values

Aquatic Ecosystems	Primary Recreation
Irrigation	Drinking Water
Farm Supply	Industrial Use
Block Water	Cultural & Spiritual Values
Aquaculture	
Human Consumer	

Notes:

1. The ANZG recommends that the highest level of protection should be provided to underground aquatic ecosystems, given their high conservation value. Where groundwaters are in good condition the intent is to maintain existing water quality (20th, 50th and 80th percentiles).

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GWQ1403 - South East Queensland Groundwater

Cainozoic deposits including sediments overlying the Great Artesian Basin

Basins 141 to 146 and part of basin 140

Environmental Protection (Water and Wetland Biodiversity) Policy 2019

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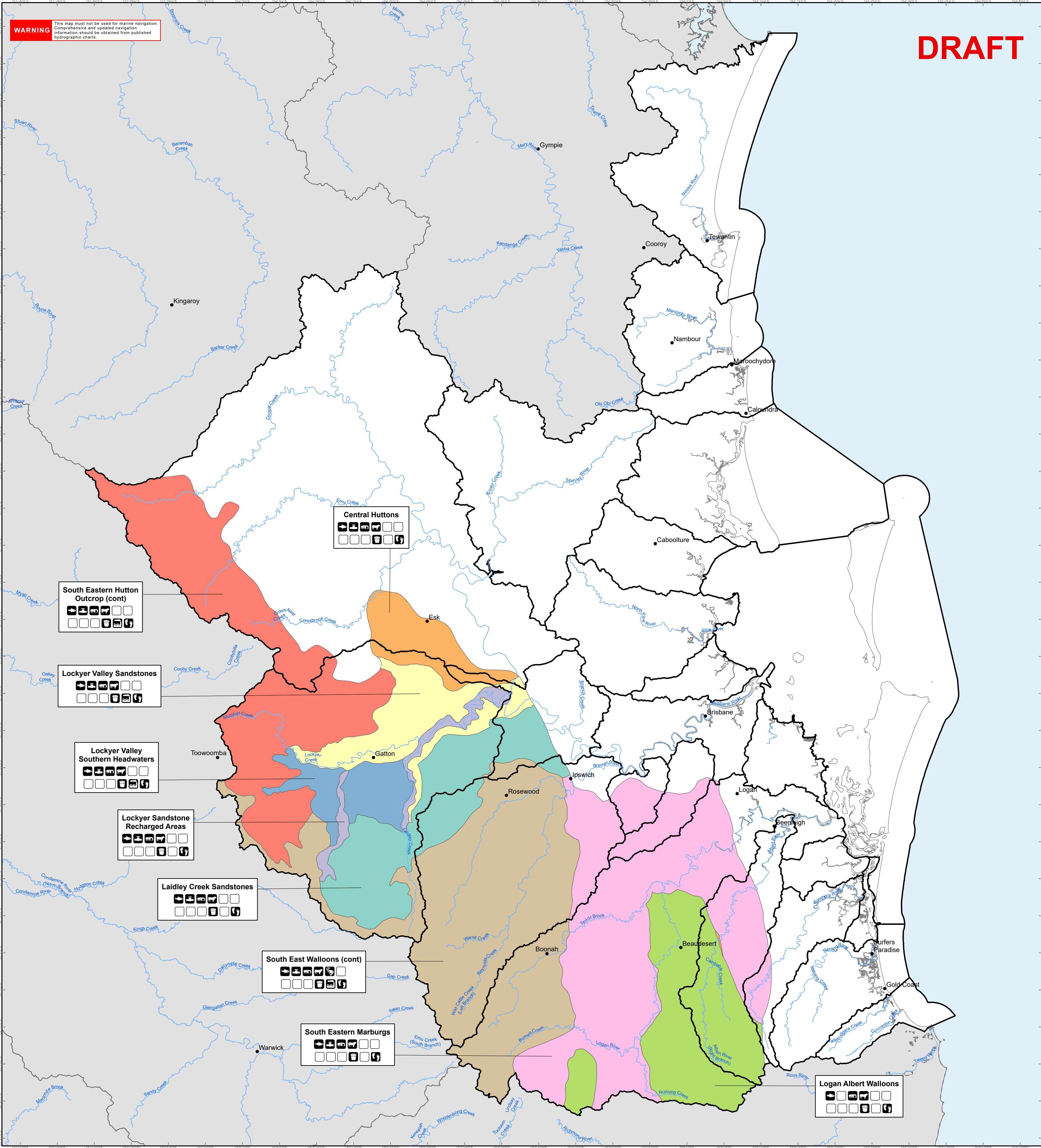
Queensland Government

Prepared on: 11 October 2023

Scale: 1:16,500,000 @ A1

Projection: Mercator

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)



Legend

- Town
- Watercourse
- Drainage basin boundary
- Boundary of basin covered by the scheduling document

Lower Great Artesian Basin Zones

Central Huttons	Logan Albert Walloons
Laidley Creek Sandstones	South East Walloons (cont)
Lockyer Sandstones	South Eastern Hutton Outcrop (cont)
Lockyer Valley Sandstones	South Eastern Marburgs
Lockyer Valley Southern Headwaters	No aquifers of this type

Key to Environmental Values

Aquatic Ecosystems	Irrigation	Supply	Stock Water	Amphibians	Human Consumer
Primary Recreation	Secondary Recreation	Drinking Water	Industrial Use	Cultural & Spiritual Values	

Notes:

1. The ANZG recommends that the highest level of protection should be provided to underground aquatic ecosystems, given their high conservation value. Where groundwaters are in good condition the intent is to maintain existing water quality (20th, 50th and 80th percentiles).

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GWQ1407 - South East Queensland Groundwater Lower Great Artesian Basin Zones

Basins 141 to 146 and part of basin 140

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Prepared on: 14 September 2023

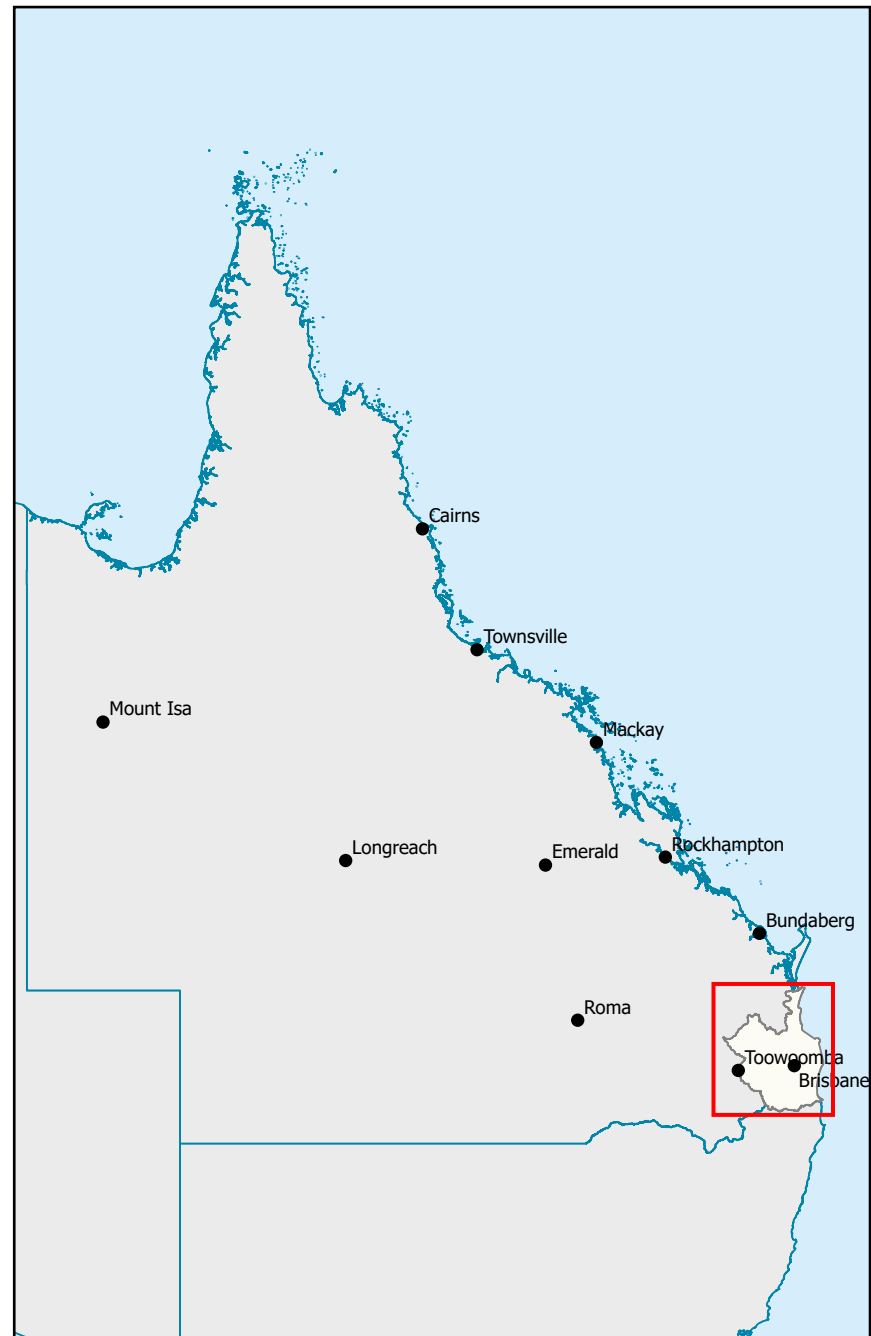


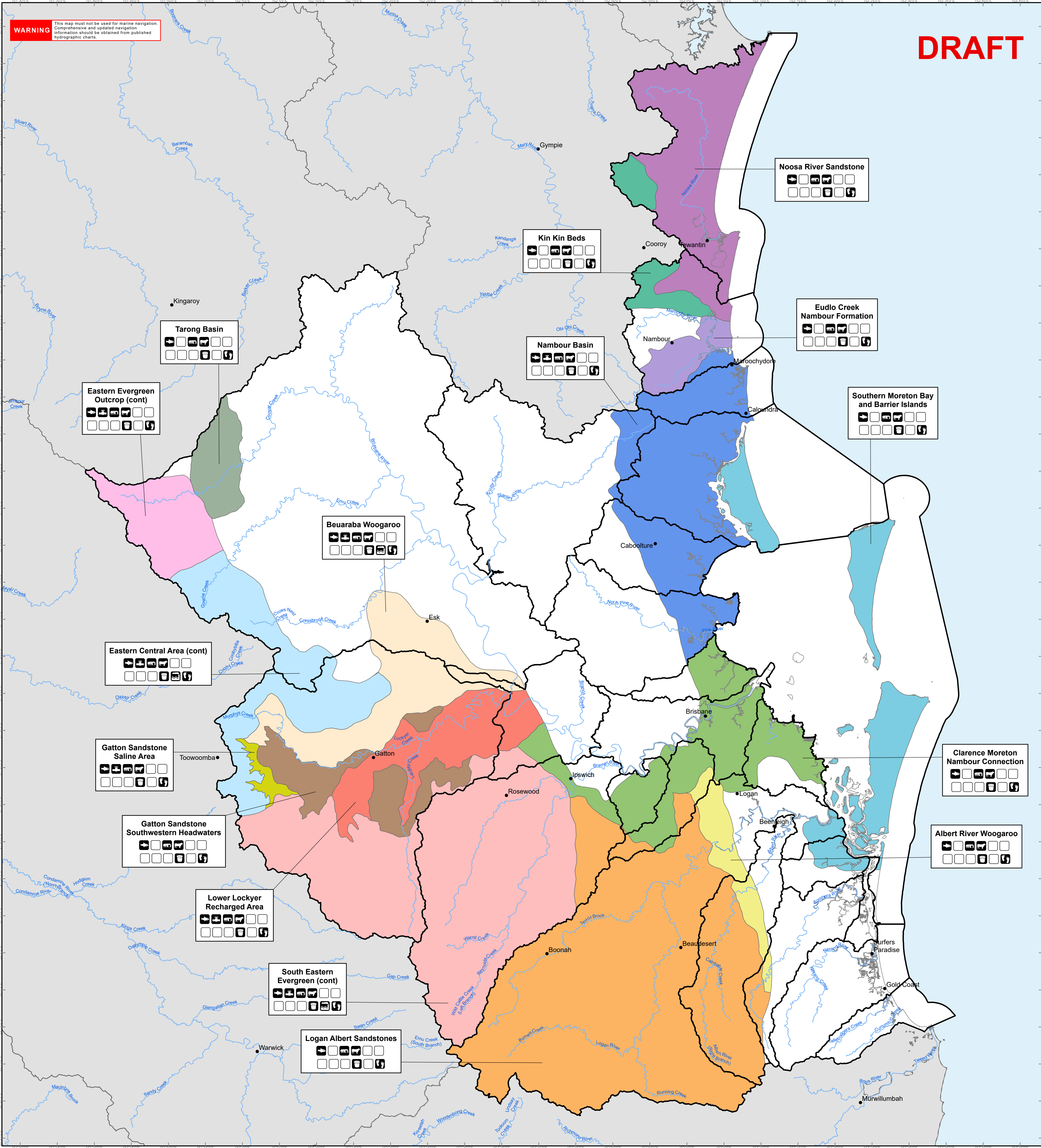
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Projection: Mercator

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)





Legend

- Town
- Watercourse
- Drainage basin boundary
- Boundary of basin covered by the scheduling document

Basal Great Artesian Basin Zones

- Albert River Woogaroo
- Beuaraba Woogaroo
- Clarence Moreton Nambour Connection
- Eastern Central Area (cont)
- Eudlo Creek Nambour Formation
- Gatton Sandstone Saline Area
- Gatton Sandstone Southwestern Headwaters
- Kin Kin Beds
- Logan Albert Sandstones
- Lower Lockyer Recharged Area
- Nambour Basin
- Noosa River Sandstone
- South Eastern Evergreen (cont)
- Southern Moreton Bay and Barrier Islands
- Tarong Basin
- Eastern Evergreen Outcrop (cont)
- No aquifers of this type

GWQ1408 - South East Queensland Groundwater Basal Great Artesian Basin Zones

Basins 141 to 146 and part of basin 140

Environmental Protection (Water and Wetland Biodiversity) Policy 2019

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Prepared on: 11 October 2023

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Projection: Mercator

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