

EUROBODALLA SHIRE SURVEY 2006

MAP 12 - MERINGO - BINGIE AREA Map Scale 1:25,000

AGD 1966 Datum AMG Zone 56

This map is based on data made available by the NSW Department of Environment and Conservation and has been prepared by Phil Kendall for NGH Environmental Pty Ltd contract work for Eurobodalla Shire Council January 2007

National Park/Nature Reserve Boundary
State Forest Boundary
Water Bodies
SEPP 14 Wetlands

Drainage (1:25,000)

Access Roads and Trails

Sealed Road
Unsealed Road
Fire Trail
Walking Trail
Other (unclassified)

Pre- CRA and CRA survey sites

- * Canopy Floristics only with Cover Abundance
- Full Floristics with Cover Abundance

Post SCRA sites

- Recent sites in DEC floristics database
- Bill Peel's Littoral Rainforest Sites
- New Survey SitesNPWS EEC Survey 2006
- ESC EEC Survey 2006

2 Hinterland Heath Shrub Dry Forest - Corymbia gummifera/Syncarpia glomulifera

9 Coastal Lowlands Cycad/Shrub Dry Forest - Corymbia maculata

10 Southern Coastal Lowlands Shrub/Grass Dry Forest - E. globoidea/E. longifolia

2223 Southern Coastal Hind Dune/Headland Scrub / Southern Coastal Dune Scrub complex

22A Grassy Headland

25 South Coast Swamp Forest - Casuarina glauca

171 Coastal Shrub/Grass Forest - E. tereticornis

27 Ecotonal Swamp Forest

186 Mudflats/Saltmarshes

28 Coastal Sands Shrub/Fern Forest - E. botryoides/Banksia serrata
28/167L Coastal Sands Shrub/Fern Forest with Littoral Rainforest Understorey
29/2 Blackbutt - Banksia Forest and Hinterland Heath Shrub Dry Forest
29/167L Coastal Sands Blackbutt - Banksia Forest with Littoral Rainforest Understorey

29 Coastal Sands Blackbutt - Banksia Forest
54/9 Bega and Candelo Dry Grass Forest and Coastal Lowlands Cycad/Shrub Dry Forest
54 Far Southern Grass/Herb Dry Forest/Woodland - E. globoidea / E. tereticornis

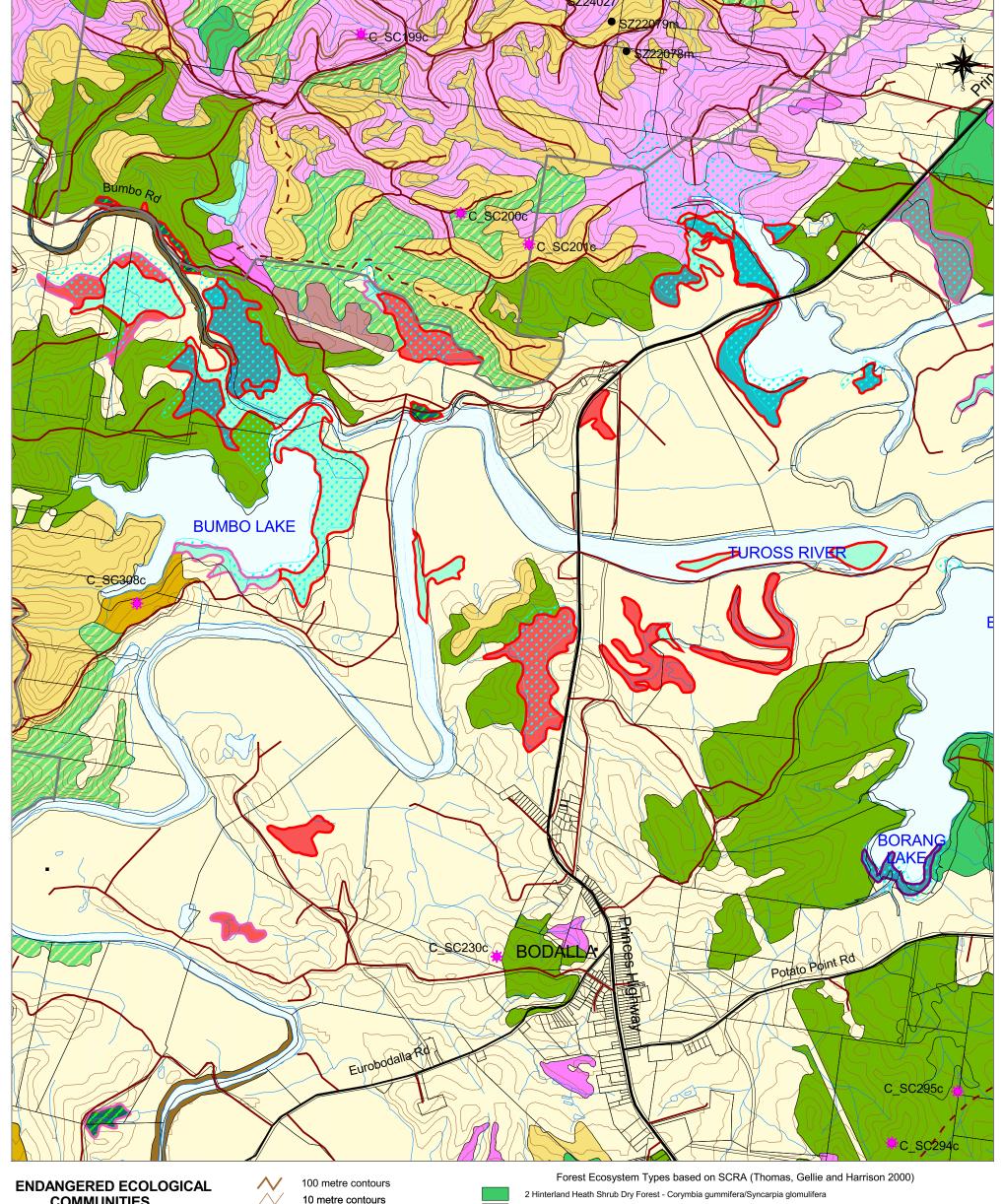
54A Brogo Wet Vine Forest
54/54A Far Southern Grass/Herb Dry Forest/Woodland and Brogo Wet Vine Forest
167L Littoral Rainforest

Validated EECs

Potential EECs (not validated)

Unchecked Potential EECs (not investigated)

Rock



COMMUNITIES

EUROBODALLA SHIRE SURVEY 2006

MAP 13 - BODALLA - TUROSS RIVER

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 56

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National Park/Nature Reserve Boundary State Forest Boundary Water Bodies SEPP 14 Wetlands

10 metre contours Drainage (1:25,000)

Access Roads and Trails Sealed Road

Unsealed Road _ _ Fire Trail Walking Trail Other (unclassified)

Pre- CRA and CRA survey sites

Canopy Floristics only with Cover Abundance

Full Floristics with Cover Abundance

Post SCRA sites

Recent sites in DEC floristics database

Bill Peel's Littoral Rainforest Sites **New Survey Sites**

NPWS EEC Survey 2006

ESC EEC Survey 2006

6 Southern Coastal Lowlands Shrub/Tussock Grass Dry Forest - E. longifolia/E.muelleriana

7 Southern Coastal Hinterland Shrub/Tussock Grass Dry Forest - E. sieberi

9 Coastal Lowlands Cycad/Shrub Dry Forest - Corymbia maculata

10 Southern Coastal Lowlands Shrub/Grass Dry Forest - E. globoidea/E. longifolia

18 Southern Coastal Hinterland Shrub/Vine/Grass Moist Forest and 19 Coastal Escarpment and Hinterland Shrub/Fern Dry Forest

21 Northern Coastal Hinterland Moisr Shrub Forest - C. maculata/E. pilularis

221 Dry Shrub Forest and Moist Shrub Forest

189 Coastal Alluvial Valley Floor Wetlands

24 Coastal Tall Wet Heath Swamp Forest - Casuarina glauca/Melaleuca ericifolia

25 South Coast Swamp Forest - Casuarina glauca

35 South Coast Acacia Scrubs - Acacia sylvestris 4849 Coastal Lowlands Riparian Herb/Grass Forest and Southern Hinterland Shrub/Herb/Grass Riparian Forest

53 Riparian Acacia Shrub/Grass/Herb Forest - Casuarina cunninghamiana

170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia

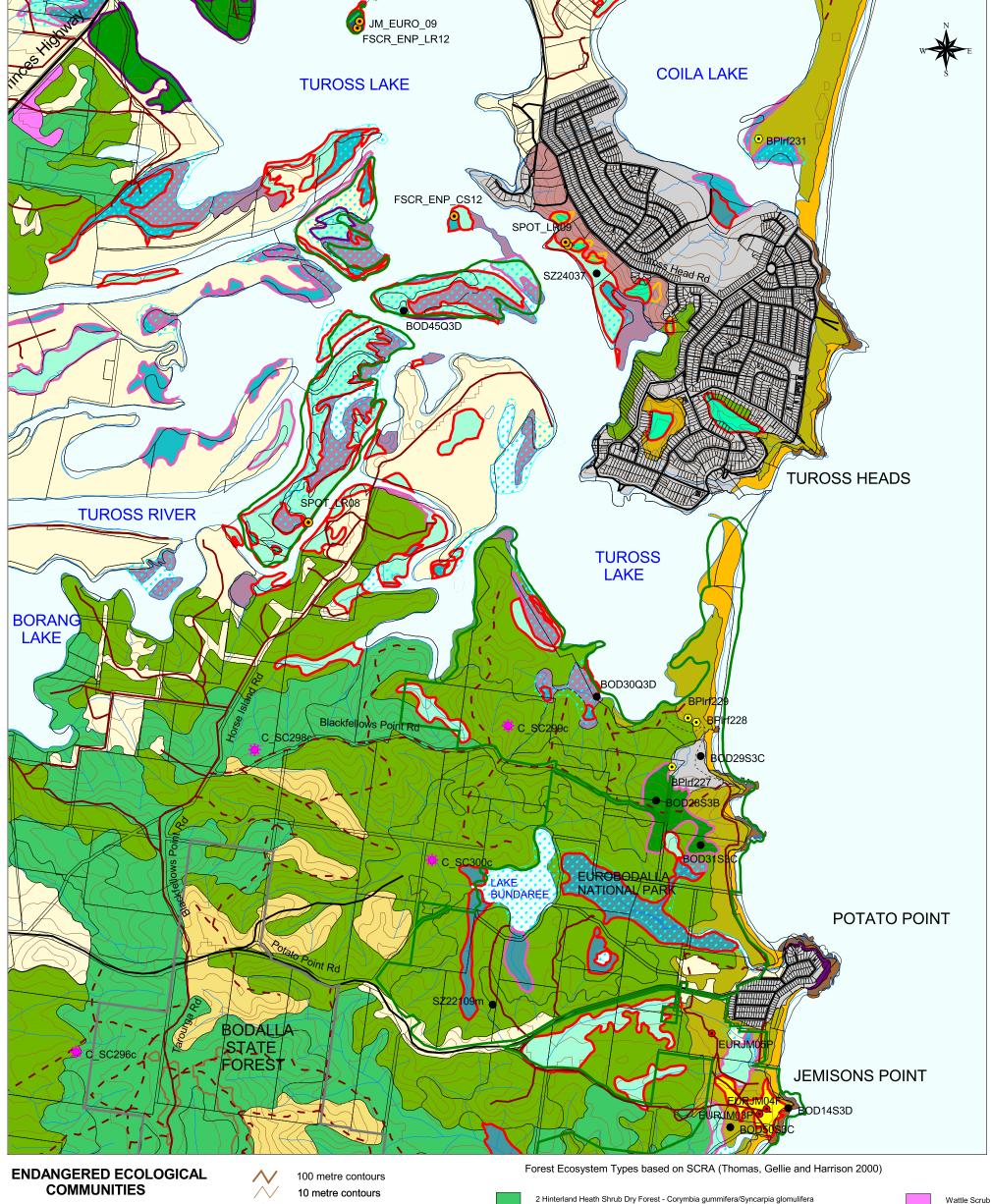
185 Mangrove Forest

186 Mudflats/Saltmarshes 188 Sand-dune Wetlands

Wattle Scrub Cleared

Validated EECs Potential EECs (not validated)

Unchecked Potential EECs (not investigated)



EUROBODALLA SHIRE SURVEY 2006

MAP 14 - TUROSS LAKES - POTATO POINT

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 56

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National Park/Nature Reserve Boundary State Forest Boundary

SEPP 26 Littoral Rainforest

Water Bodies

SEPP 14 Wetlands

Recent sites in DEC floristics database

Drainage (1:25,000)

Access Roads and Trails

Fire Trail

Sealed Road

Walking Trail

Other (unclassified)

Pre- CRA and CRA survey sites

Full Floristics with Cover Abundance

Canopy Floristics only with Cover Abundance

Unsealed Road

Bill Peel's Littoral Rainforest Sites New Survey Sites

NPWS EEC Survey 2006

ESC EEC Survey 2006

Post SCRA sites

2 Hinterland Heath Shrub Dry Forest - Corymbia gummifera/Syncarpia glomulifera 6 Southern Coastal Lowlands Shrub/Tussock Grass Dry Forest - E. longifolia/E.muelleriana 7 Southern Coastal Hinterland Shrub/Tussock Grass Dry Forest - E. sieberi 9 Coastal Lowlands Cycad/Shrub Dry Forest - Corymbia maculata 10 Southern Coastal Lowlands Shrub/Grass Dry Forest - E. globoidea/E. longifolia 21 Northern Coastal Hinterland Moist Shrub Forest - C. maculata/E. pilularis 2223 Southern Coastal Hind Dune/Headland Scrub $\,$ / Southern Coastal Dune Scrub complex 22A Grassy Headland 24 Coastal Tall Wet Heath Swamp Forest - Casuarina glauca/Melaleuca ericifolia 25 South Coast Swamp Forest - Casuarina glauca 27 Ecotonal Swamp Forest

4849 Coastal Lowlands Riparian Herb/Grass Forest and Southern Hinterland Shrub/Herb/Grass Riparian Forest

53 Riparian Acacia Shrub/Grass/Herb Forest - Casuarina cunninghamiana

167L Littoral Rainforest 185 Mangrove Forest

186 Mudflats/Saltmarshes 187 Coastal Headland Heathlands 188 Sand-dune Wetlands

Validated EECs Unchecked Potential EECs

Potential EECs (not validated)

(not investigated)

Urban

Cleared

Sand

Rock

Water



COMMUNITIES

EUROBODALLA SHIRE SURVEY 2006

MAP 15 - BROU LAKE - DALMENY AREA

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 56

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National Park/Nature Reserve Boundary State Forest Boundary Water Bodies

SEPP 14 Wetlands

10 metre contours Drainage (1:25,000)

Access Roads and Trails

Sealed Road Unsealed Road _ _ Fire Trail Walking Trail Other (unclassified)

Pre- CRA and CRA survey sites

Canopy Floristics only with Cover Abundance

Full Floristics with Cover Abundance

Post SCRA sites

Recent sites in DEC floristics database Bill Peel's Littoral Rainforest Sites

New Survey Sites NPWS EEC Survey 2006

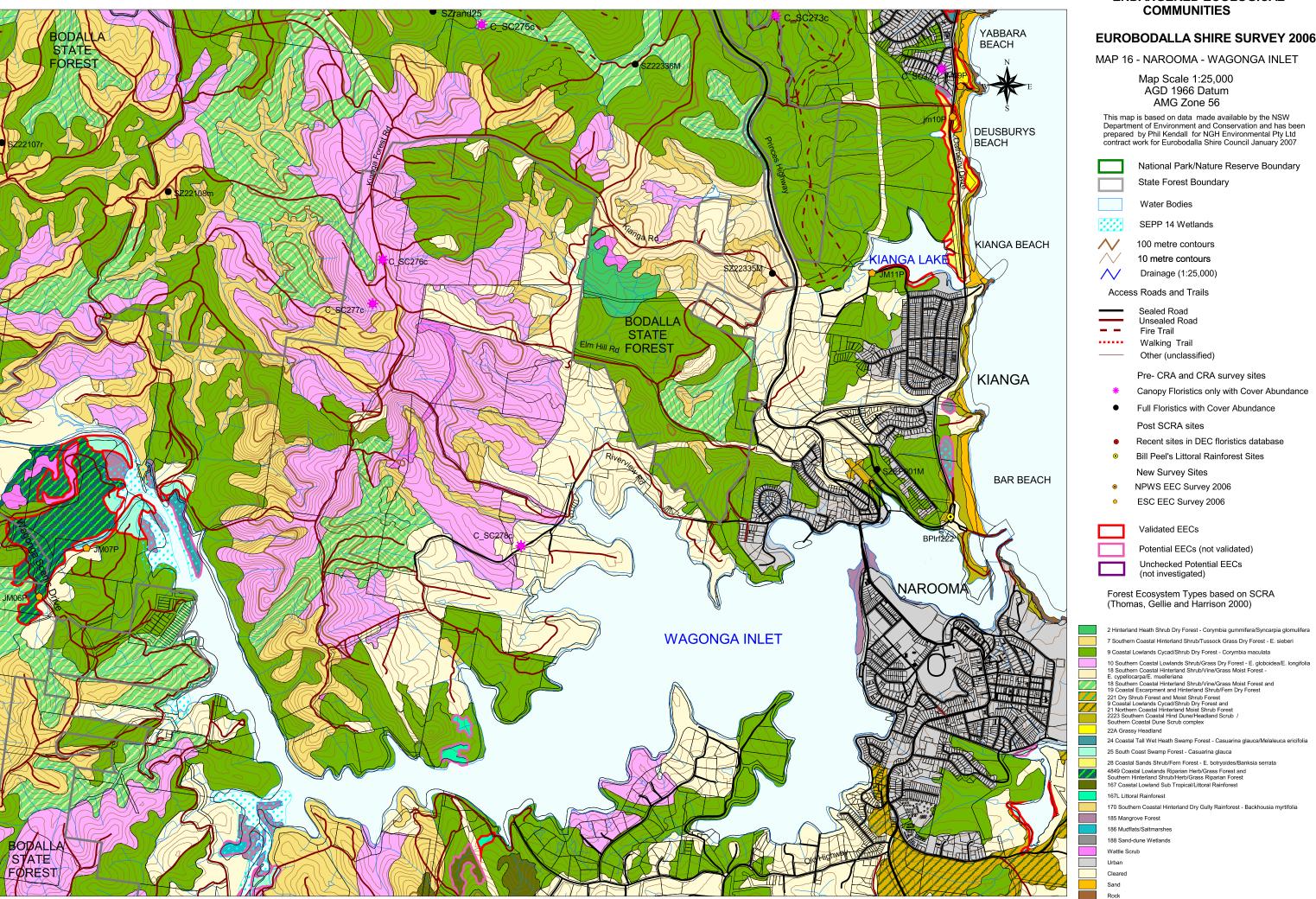
ESC EEC Survey 2006

2 Hinterland Heath Shrub Dry Forest - Corymbia gummifera/Syncarpia glomulifera 7 Southern Coastal Hinterland Shrub/Tussock Grass Dry Forest - E. sieberi 9 Coastal Lowlands Cycad/Shrub Dry Forest - Corymbia maculata 10 Southern Coastal Lowlands Shrub/Grass Dry Forest - E. globoidea/E. longifolia 18 Southern Coastal Hinterland Shrub/Vine/Grass Moist Forest and 19 Coastal Escarpment and Hinterland Shrub/Fern Dry Forest 21 Northern Coastal Hinterland Moist Shrub Forest - C. maculata/E. pilularis 2223 Southern Coastal Hind Dune/Headland Scrub / Southern Coastal Dune Scrub complex 24 Coastal Tall Wet Heath Swamp Forest - Casuarina glauca/Melaleuca ericifolia 25 South Coast Swamp Forest - Casuarina glauca 27 Ecotonal Swamp Forest 28 Coastal Sands Shrub/Fern Forest - E. botryoides/Banksia serrata 167L Littoral Rainforest 170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia 187 Coastal Headland Heathlands 188 Sand-dune Wetlands 189 Coastal Alluvial Valley Floor Wetlands Wattle Scrub Urban Cleared

Rock

Validated EECs

Potential EECs (not validated) Unchecked Potential EECs (not investigated)



ENDANGERED ECOLOGICAL COMMUNITIES

EUROBODALLA SHIRE SURVEY 2006

MAP 16 - NAROOMA - WAGONGA INLET

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 56

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National Park/Nature Reserve Boundary State Forest Boundary Water Bodies

100 metre contours

10 metre contours

Drainage (1:25,000)

Access Roads and Trails

Unsealed Road Fire Trail Walking Trail

- Canopy Floristics only with Cover Abundance
- Full Floristics with Cover Abundance

Post SCRA sites

- Recent sites in DEC floristics database
- Bill Peel's Littoral Rainforest Sites

- NPWS EEC Survey 2006
- ESC EEC Survey 2006

Validated EECs

Unchecked Potential EECs (not investigated)

Forest Ecosystem Types based on SCRA (Thomas, Gellie and Harrison 2000)

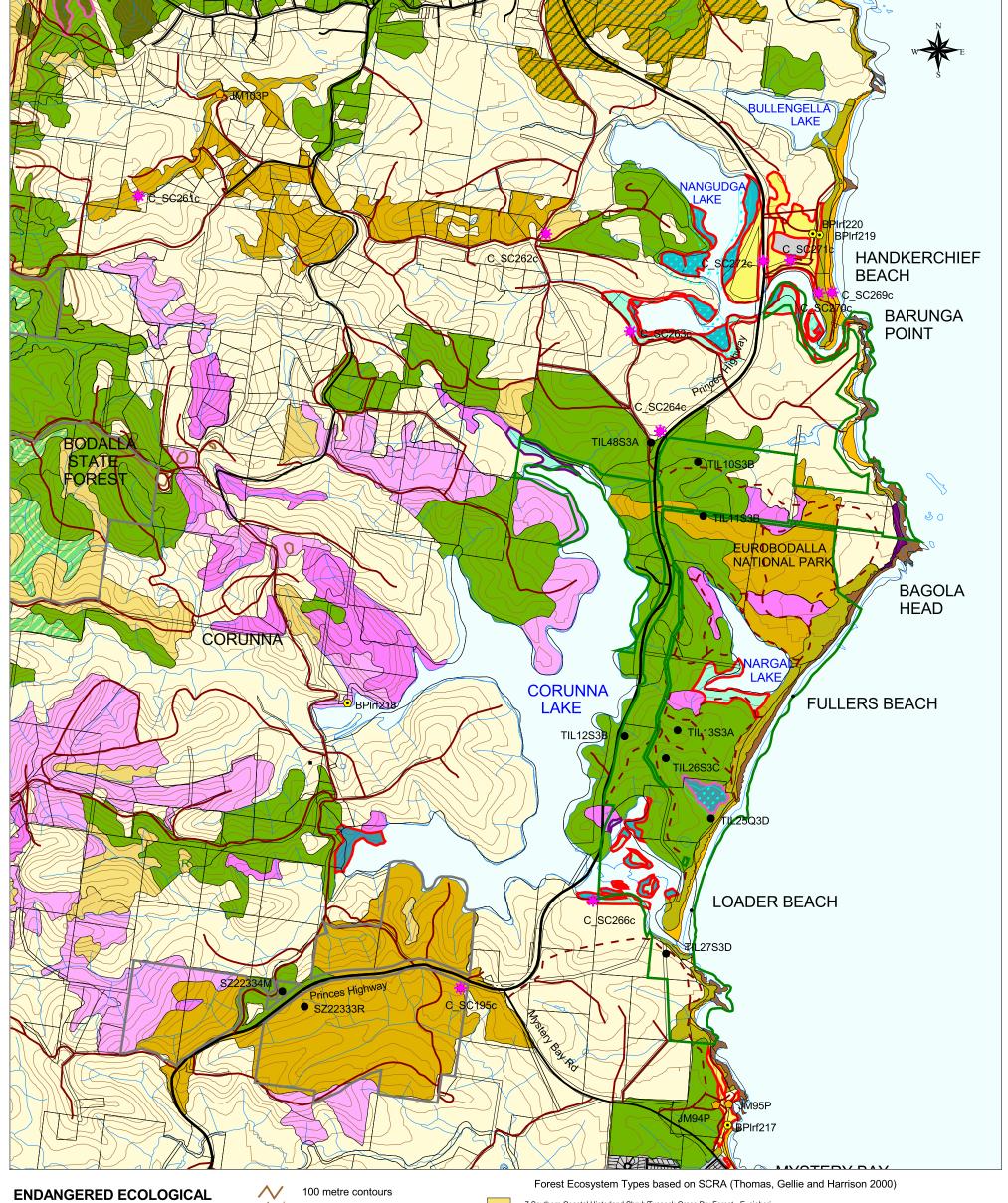
- 7 Southern Coastal Hinterland Shrub/Tussock Grass Dry Forest E. sieberi
- 9 Coastal Lowlands Cycad/Shrub Dry Forest Corymbia maculata

24 Coastal Tall Wet Heath Swamp Forest - Casuarina glauca/Melaleuca ericifolia

25 South Coast Swamp Forest - Casuarina glauca

28 Coastal Sands Shrub/Fern Forest - E hotrvoides/Banksia serrata

170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia



COMMUNITIES

EUROBODALLA SHIRE SURVEY 2006

MAP 17 - CORUNNA LAKE

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 56

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National Park/Nature Reserve Boundary State Forest Boundary

Water Bodies

SEPP 14 Wetlands

10 metre contours

Drainage (1:25,000)

Access Roads and Trails

Sealed Road Unsealed Road Fire Trail Walking Trail

Other (unclassified) Pre- CRA and CRA survey sites

Canopy Floristics only with Cover Abundance

Full Floristics with Cover Abundance

Post SCRA sites

Recent sites in DEC floristics database

Bill Peel's Littoral Rainforest Sites

New Survey Sites

NPWS EEC Survey 2006 ESC EEC Survey 2006

7 Southern Coastal Hinterland Shrub/Tussock Grass Dry Forest - E. sieberi 9 Coastal Lowlands Cycad/Shrub Dry Forest - Corymbia maculata

10 Southern Coastal Lowlands Shrub/Grass Dry Forest - E. globoidea/E. longifolia

18 Southern Coastal Hinterland Shrub/Vine/Grass Moist Forest and 19 Coastal Escarpment and Hinterland Shrub/Fern Dry Forest 21 Northern Coastal Hinterland Moist Shrub Forest - C. maculata/E. pilularis

9 Coastal Lowlands Cycad/Shrub Dry Forest and 21 Northern Coastal Hinterland Moist Shrub Forest 2223 Southern Coastal Hind Dune/Headland Scrub / Southern Coastal Dune Scrub complex

24 Coastal Tall Wet Heath Swamp Forest - Casuarina glauca/Melaleuca ericifolia

25 South Coast Swamp Forest - Casuarina glauca

28 Coastal Sands Shrub/Fern Forest - E. botryoides/Banksia serrata

4849 Coastal Lowlands Riparian Herb/Grass Forest and Southern Hinterland Shrub/Herb/Grass Riparian Forest

167 Coastal Lowland Sub Tropical/Littoral Rainforest

170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia

186 Mudflats/Saltmarshes

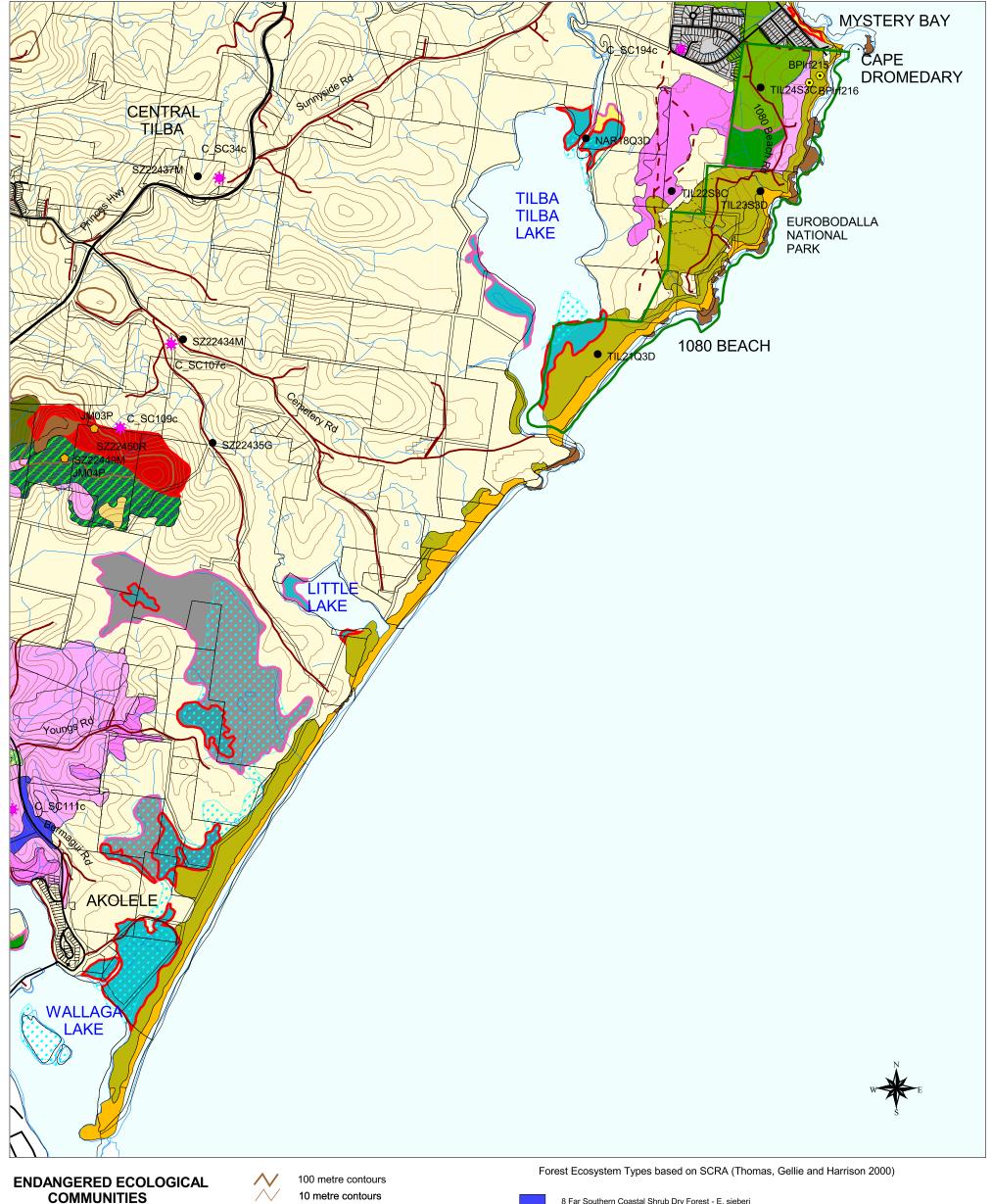
187 Coastal Headland Heathlands

Wattle Scrub Urban

> Cleared Sand Rock

Validated EECs

Potential EECs (not validated) Unchecked Potential EECs (not investigated)



EUROBODALLA SHIRE SURVEY 2006

MAP 18 - MYSTERY BAY - WALLAGA LAKE

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 56

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National Park/Nature Reserve Boundary
State Forest Boundary
Water Bodies
SEPP 14 Wetlands

Drainage (1:25,000)

Access Roads and Trails

Sealed Road
Unsealed Road
Fire Trail
Walking Trail
Other (unclassified)

Pre- CRA and CRA survey sites

* Canopy Floristics only with Cover Abundance

Full Floristics with Cover Abundance

Post SCRA sites

Recent sites in DEC floristics database

Bill Peel's Littoral Rainforest Sites

New Survey Sites

NPWS EEC Survey 2006

ESC EEC Survey 2006

8 Far Southern Coastal Shrub Dry Forest - E. sieberi
9 Coastal Lowlands Cycad/Shrub Dry Forest - Corymbia maculata
10 Southern Coastal Lowlands Shrub/Grass Dry Forest - E. globoidea/E. longifolia
2223 Southern Coastal Hind Dune/Headland Scrub / Southern Coastal Dune Scrub complex
24 Coastal Tall Wet Heath Swamp Forest - Casuarina glauca/Melaleuca ericifolia
27 Ecotonal Swamp Forest
28 Coastal Sands Shrub/Fern Forest - E. botryoides/Banksia serrata
4849 Coastal Lowlands Riparian Herb/Grass Forest and Southern Hinterland Shrub/Herb/Grass Riparian Forest
54A Brogo Wet Vine Forest
167 Coastal Lowland Sub Tropical/Littoral Rainforest
170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia

186 Mudflats/Saltmarshes
188 Sand-dune Wetlands

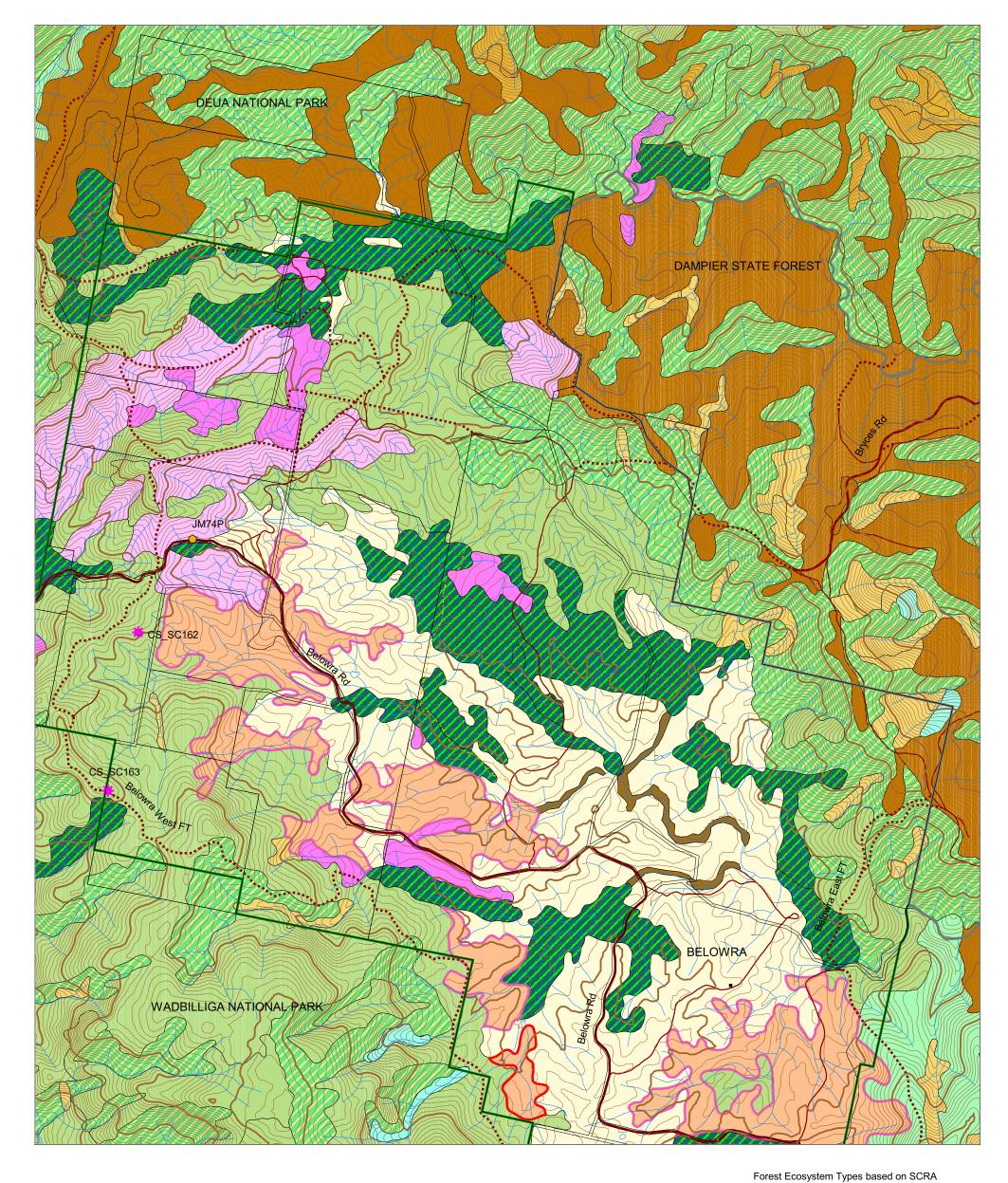
Urban

190 Rock Wattle Scrub

Validated EECs

Potential EECs (not validated)

Unchecked Potential EECs
(not investigated)



ENDANGERED ECOLOGICAL COMMUNITIES

EUROBODALLA SHIRE SURVEY 2006

MAP 19 - BELOWRA VALLEY - NORTH

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 55

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Water Bodies

100 metre contours 10 metre contours Drainage (1:25,000)

Access Roads and Trails

Sealed Road Unsealed Road Fire Trail

Pre- CRA and CRA survey sites Canopy Floristics only with Cover Abundance

Full Floristics with Cover Abundance

Full Floristics with Presence Absence

Post SCRA sites

Recent sites in DEC floristics database

New Survey Sites

ESC EEC Survey 2006

165 Southern Escarpment Cool/Warm Temperate Rainforest Validated EECs Potential EECs (not validated) Unchecked Potential EECs (not investigated)

(Thomas, Gellie and Harrison 2000)

1 Southern Coastal Hinterland Intermediate Altitude Shrub Dry Forest - E. sieberi

13 Rainshadow Dry Shrub/Tussock Grass Forest - E. agglomerata 18 Southern Coastal Hinterland Shrub/Vine/Grass Moist Forest and 9 Coastal Escarpment and Hinterland Shrub/Fern Dry Forest

35 South Coast Acacia Scrubs - Acacia sylvestris 47 Far Southern Hinterland Herb/Grass Moist Forest - E. maidenii/E. globoidea

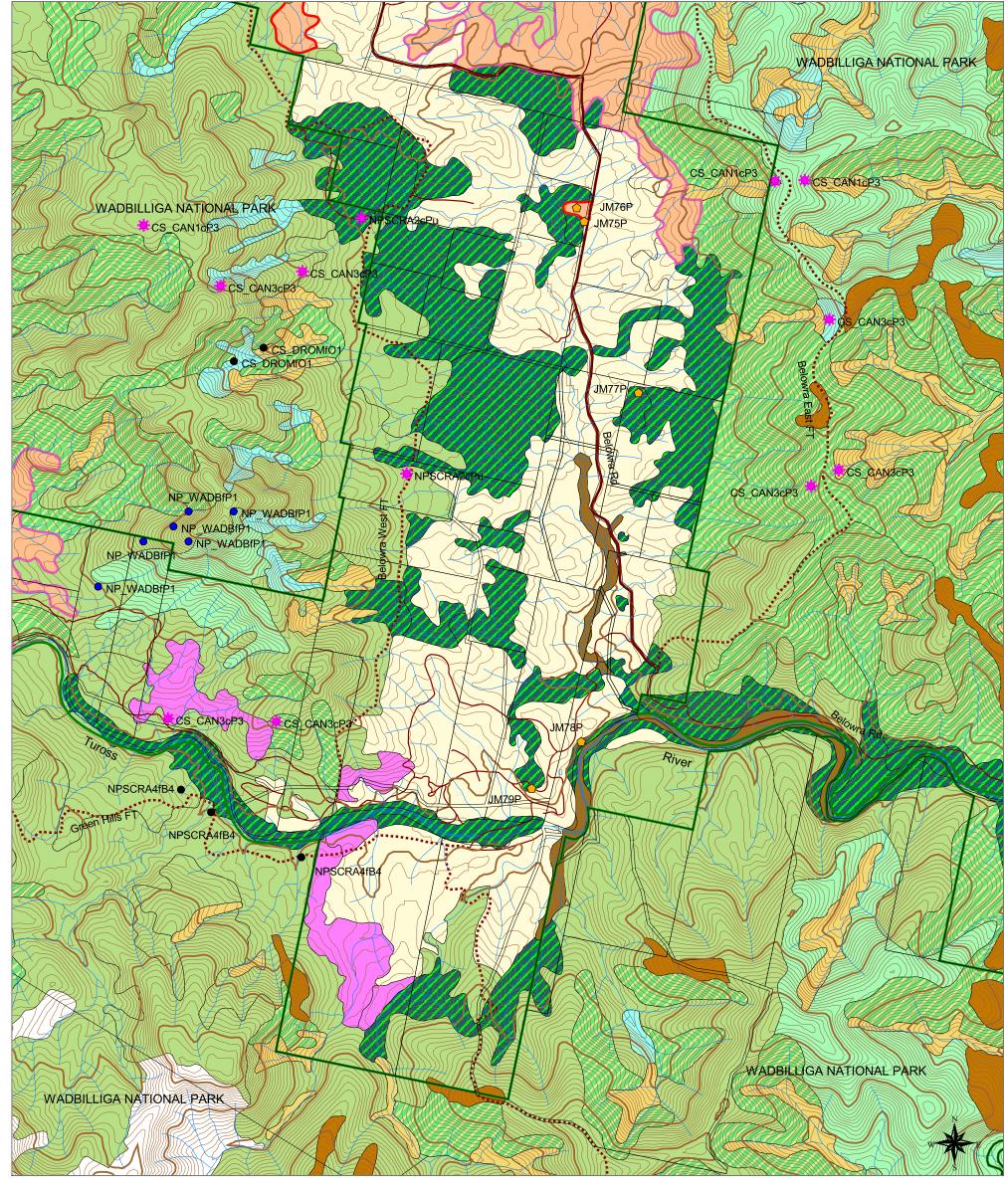
4849 Coastal Lowlands Riparian Herb/Grass Forest and Southern Hinterland Shrub/Herb/Grass Riparian Forest 50 Southern Escarpment Herb/Grass Dry Forest-Angophora floribunda/E.tereticornis herb grass forest

53 Riparian Acacia Shrub/Grass/Herb Forest - Casuarina cunninghamiana

54 Far Southern Grass/Herb Dry Forest/Woodland - E. globoidea / E. tereticornis

170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia

Wattle Scrub



ENDANGERED ECOLOGICAL COMMUNITIES

EUROBODALLA SHIRE SURVEY 2006

MAP 20 - BELOWRA VALLEY - SOUTH

Map Scale 1:25,000 AGD 1966 Datum AMG Zone 55

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National Park/Nature Reserve Boundary
State Forest Boundary

Water Bodies

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100 metre contours 10 metre contours Drainage (1:25,000)

Access Roads and Trails



Sealed Road Unsealed Road Fire Trail Pre- CRA and CRA survey sites
Canopy Floristics only with Cover Abundance
Full Floristics with Cover Abundance
Full Floristics with Presence Absence

Post SCRA sites

Recent sites in DEC floristics database
 New Survey Sites

ESC EEC Survey 2006

Validated EECs

Potential EECs (not validated)

Unchecked Potential EECs (not investigated)

Forest Ecosystem Types based on SCRA (Thomas, Gellie and Harrison 2000)

Southern Coastal Hinterland Intermediate Altitude Shrub Dry Forest - E. sieberi
 Rainshadow Dry Shrub/Tussock Grass Forest - E. agglomerata

18 Southern Coastal Hinterland Shrub/Vine/Grass Moist Forest and 19 Coastal Escarpment and Hinterland Shrub/Fern Dry Forest

35 South Coast Acacia Scrubs - Acacia sylvestris 4849 Coastal Lowlands Riparian Herb/Grass Forest and Southern Hinterland Shrub/Herb/Grass Riparian Forest

50 Southern Escarpment Herb/Grass Dry Forest-Angophora floribunda/E.tereticornis herb grass forest 53 Riparian Acacia Shrub/Grass/Herb Forest - Casuarina cunninghamiana

54 Far Southern Grass/Herb Dry Forest/Woodland - E. globoidea / E. tereticornis

170 Southern Coastal Hinterland Dry Gully Rainforest - Backhousia myrtifolia Wattle Scrub

Cleared