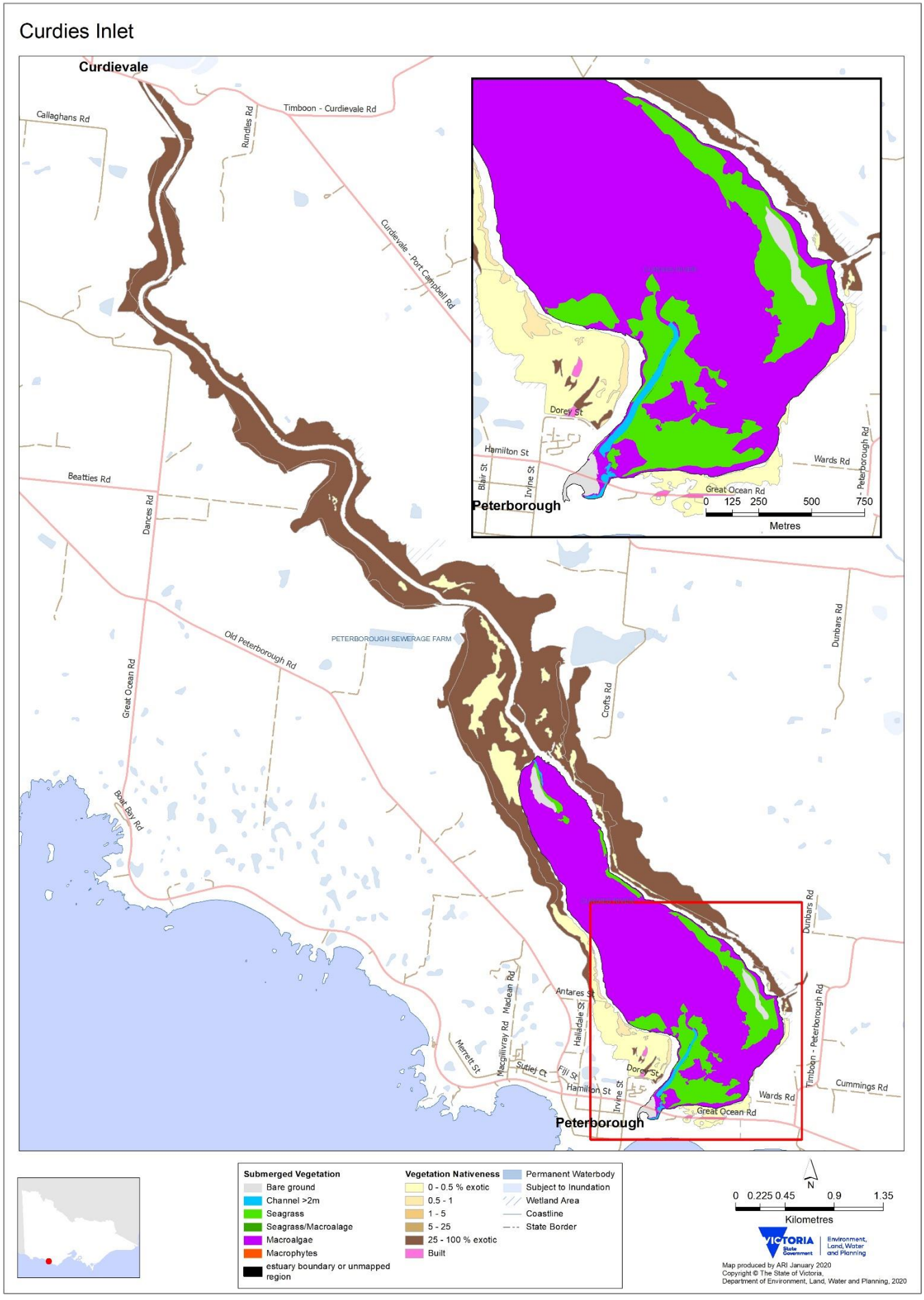
Index of Estuary Condition 2021: Summary of fish information and vegetation maps for Corangamite

Presence (+)/absence (0) of fish taxa captured in Corangamite estuaries during monitoring for Index of Estuary Condition 2021 (sampling between 2010 and 2019, using a combination of fyke netting and mesh netting, plus seine netting where feasible, in upper, middle and lower estuary in autumn). Common names of fish taxa are provided, with introduced taxa indicated by asterisk (*). For a description of fish and vegetation monitoring methods and corresponding scientific names for fish refer to DELWP (2021) *Assessment of Victoria's estuaries using the Index of Estuary Condition: Background and Methods 2021.*

Common fish name	Curdies Inlet (22)	Campbell Creek (18)	Sherbrook River (78)	Gellibrand River (32)	Johanna River (38)	Aire River (2)	Barham River (8)	Kennett River (40)	St George River (84)	Erskine River (28)	Anglesea River (5)	Spring Creek (83)	Thompson Creek (91)	Barwon River (9)	Hovells Creek (36)
Australian Smelt	+	0	0	0	0	+	0	0	0	0	0	0	0	0	0
Black Bream	+	+	+	+	0	+	+	+	+	+	+	+	+	+	+
Bridled Goby	0	0	0	0	0	0	0	0	0	0	0	0	+	0	+
Brown Trout*	0	0	0	0	+	0	+	0	0	0	0	0	0	0	0
Cobbler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Common Galaxias	+	0	+	+	+	+	+	+	+	0	0	+	0	+	0
Eastern Australian Salmon	0	0	0	0	0	0	+	0	+	+	0	0	0	+	0
Eastern Bluespot Goby	+	0	+	0	0	+	+	0	+	+	+	+	+	+	+
Estuary Perch	+	0	0	+	0	0	+	0	0	0	0	0	0	+	0
European Carp*	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0
Flatfish spp.	0	0	+	0	0	0	0	0	0	0	0	0	0	0	0
Flathead Gudgeon	+	+	+	+	0	+	+	+	+	+	+	+	+	+	+
Glass Goby	0	0	0	0	0	+	0	0	0	0	0	0	0	0	0
Goldspot Mullet	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0
Greenback Flounder	+	0	0	0	0	0	+	0	0	0	0	0	0	0	0
Half Bridled Goby	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
King George Whiting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Lagoon Goby	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Little Weed Whiting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Longsnout flounder	0	0	+	0	0	0	0	+	+	+	0	0	+	+	0
Luderick	0	0	0	0	0	0	0	0	+	0	0	0	+	0	0
Old Wife	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0
Pikehead Hardyhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Pipefish sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Port Phillip Pipefish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Sandy Sprat	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0
Sea Mullet	0	+	0	0	0	0	0	0	0	0	0	0	0	+	0
Shortfinned Eel	+	+	+	0	0	+	0	0	0	0	+	+	+	0	+
Silver Trevally	+	0	0	0	0	0	0	0	0	0	0	0	0	+	0
Smallmouth Hardyhead	+	0	0	0	0	0	0	0	0	0	0	+	+	+	+
Smooth Toadfish	0	0	0	0	0	0	0	0	+	0	0	0	+	+	+
Southern Longfin Goby	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0
Southern Sea Garfish	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0
Spotted Galaxias	0	0	0	0	0	+	0	0	0	0	0	0	0	0	0
Spotted Pipefish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Tamar River Goby	0	+	+	+	0	+	+	0	+	0	0	0	+	0	+
Tommy Ruff	0	0	0	0	0	0	+	0	0	0	0	0	0	0	0
Tupong	0	0	0	+	0	0	+	0	+	+	0	0	+	+	0
Western Australian Salmon	+	+	0	0	0	+	0	+	0	+	+	0	+	+	0
Widebody Pipefish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Wood's Siphonfish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
Yank Flathead	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yelloweye Mullet	+	+	+	+	0	+	+	+	+	+	+	+	+	+	+


Curdies Inlet
Curdievale
Callaghans Rd
Rundles Rd
Timboon - Curdievale Rd
Curdievale - Port Campbell Rd
Beatties Rd
Dances Rd
Old Peterborough Rd
PETERBOROUGH SEWERAGE FARM
Great Ocean Rd
Boat Bay Rd
Dunbars Rd
Crofts Rd
Timboon - Peterborough Rd
Cummings Rd
Wards Rd
Peterborough
Dorey St
Hamilton St
Blair St
Irvine St
Antares St
Halladale St
Maclean Rd
Macgillivray Rd
Merrett St
Stutley Ct
Fiji St
0 125 250 500 750
Metres
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 0.225 0.45 0.9 1.35
Kilometres
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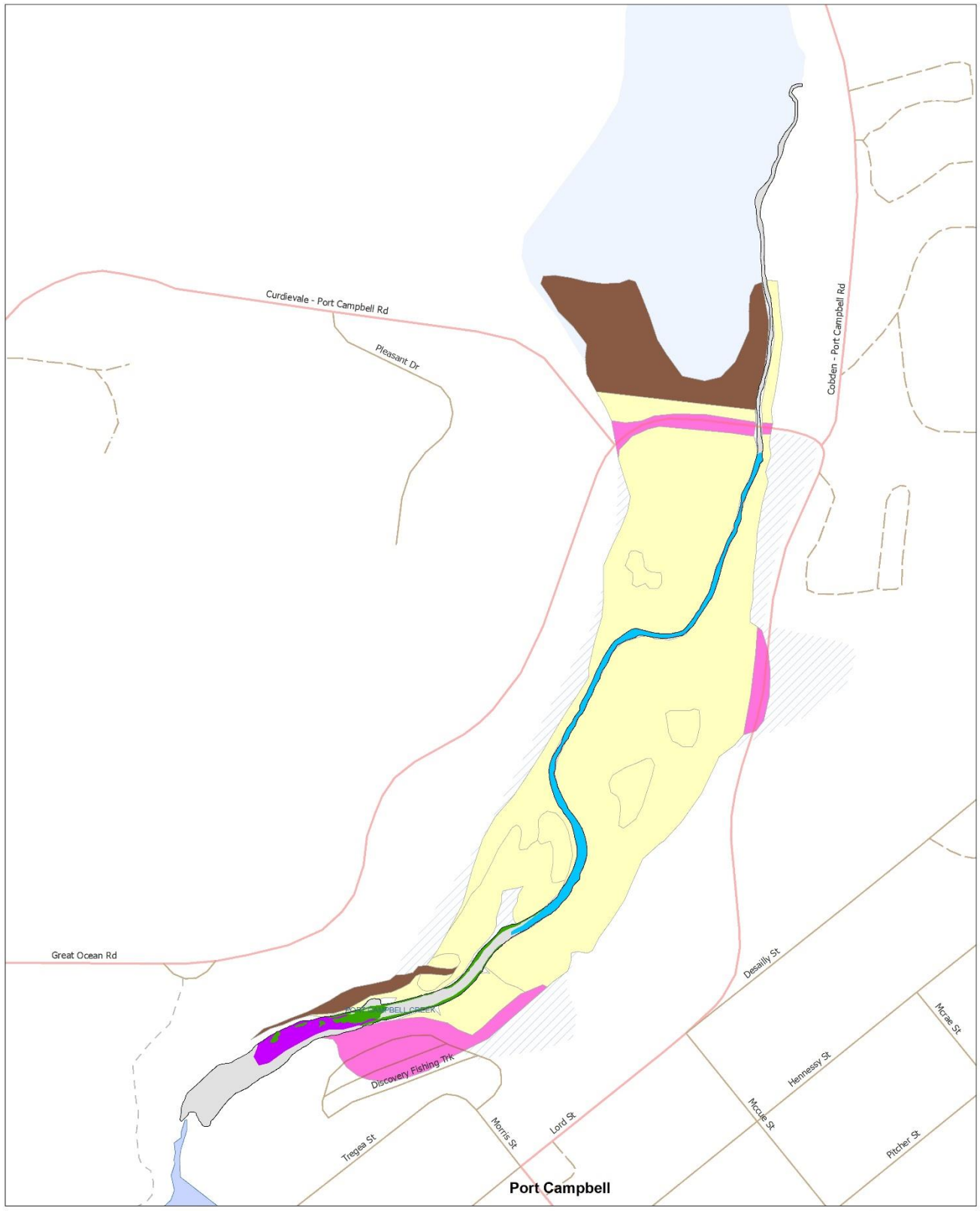
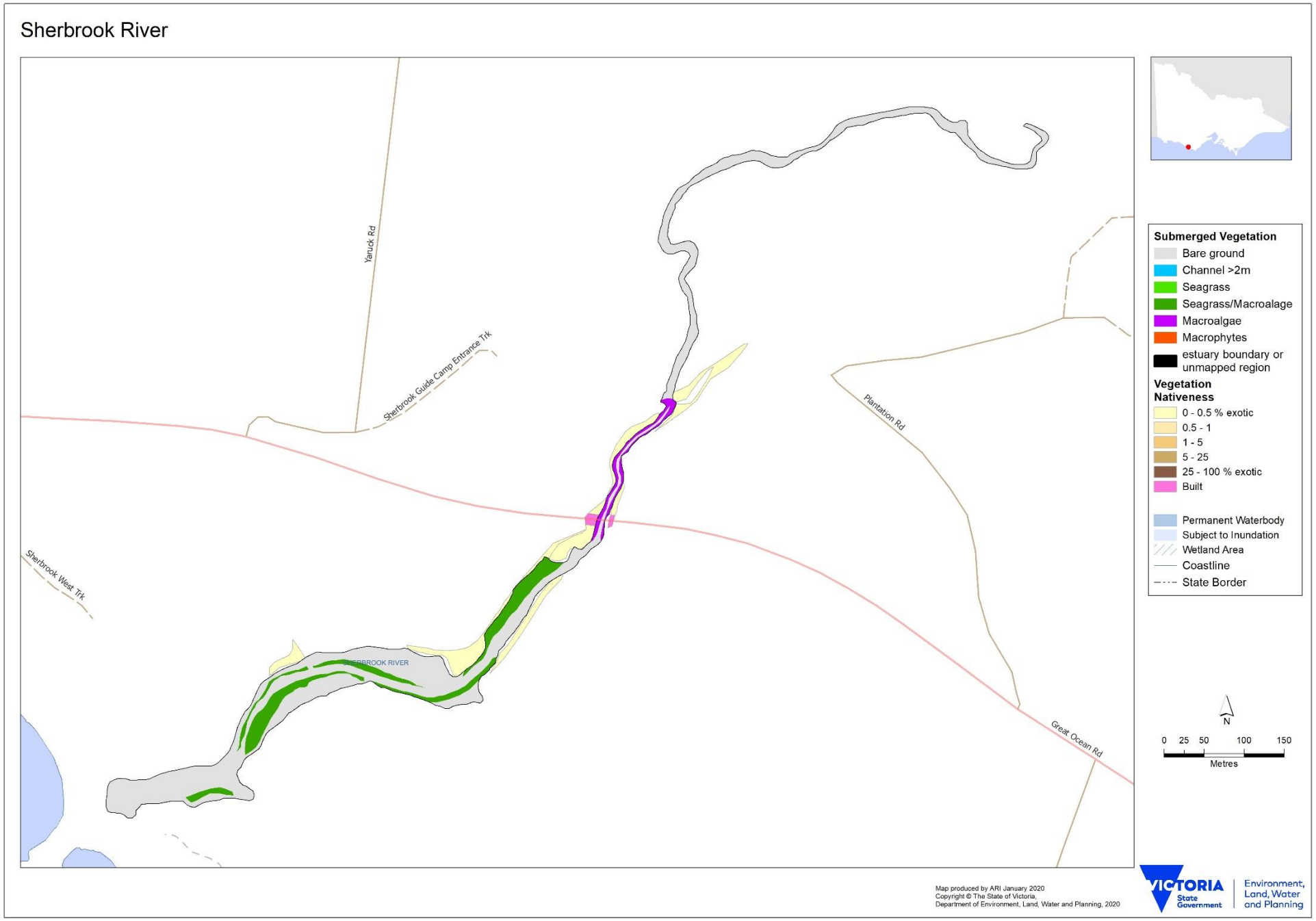
Campbell Creek




Sherbrook River
Yaruck Rd
Sherbrook Guide Camp Entrance Trk
Plantation Rd
Sherbrook West Trk
SHERBROOK RIVER
Great Ocean Rd
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 25 50 100 150
Metres
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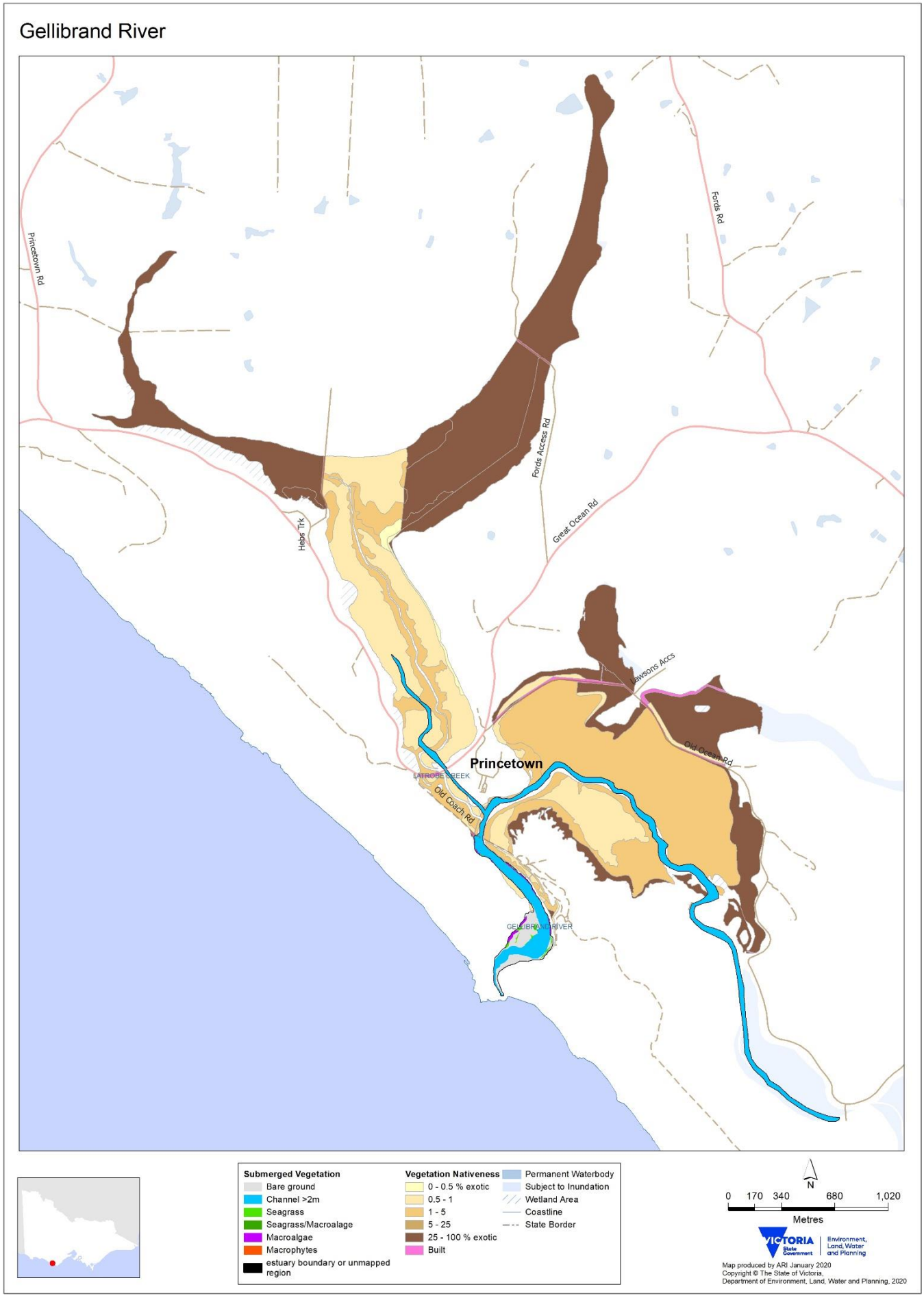
VICTORIA State Government
Environment, Land, Water and Planning


Gellibrand River
Princetown Rd
Fords Rd
Fords Access Rd
Great Ocean Rd
Hebs Trk
Lawsons Accs
Old Ocean Rd
Princetown
LATROBE CREEK
Old Coach Rd
GELLIBRAND RIVER
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 170 340 680 1,020
Metres
VICTORIA State Government
Environment, Land, Water and Planning
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Johanna River
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 15 30 60 90
Metres
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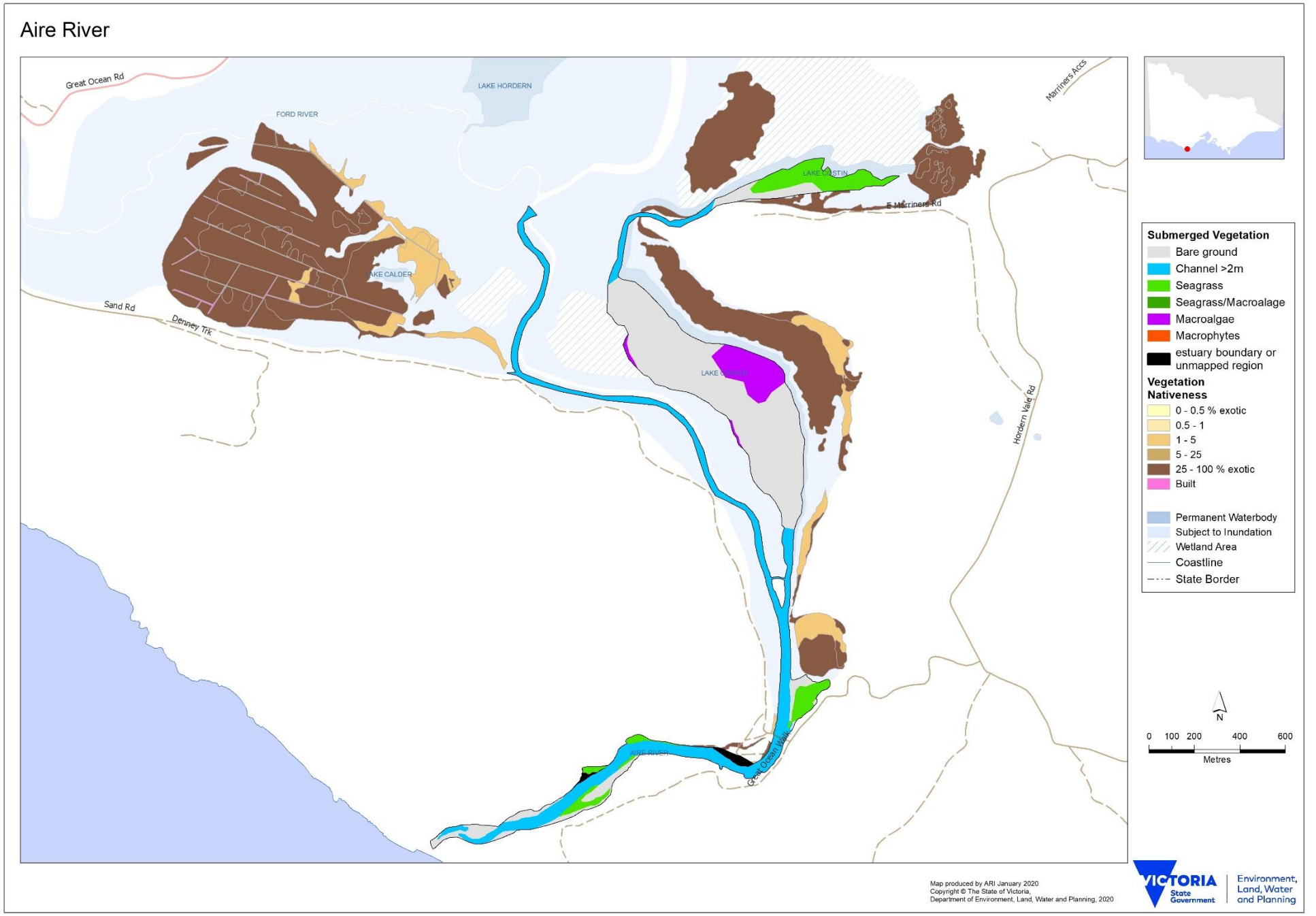
Aire River
Great Ocean Rd
LAKE HORDERN
FORD RIVER
Mariners Accs
LAKE COSTIN
E Mariners Rd
LAKE CALDER
Sand Rd
Denney Trk
Hordern Vale Rd
Great Ocean Walk
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 100 200 400 600
Metres
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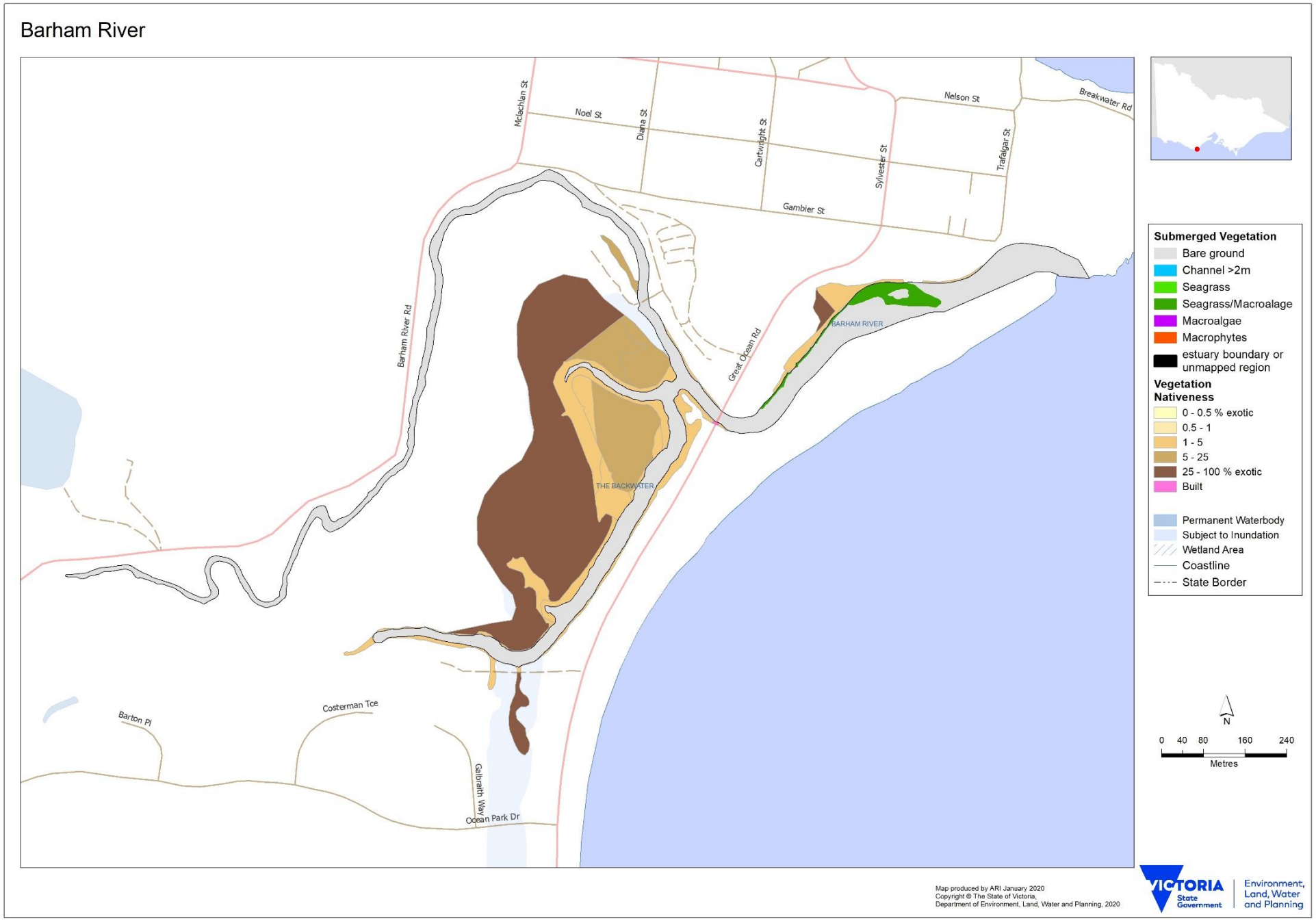
VICTORIA State Government
Environment, Land, Water and Planning


Barham River
Mclachlan St
Noel St
Diana St
Cartwright St
Sylvester St
Trafalgar St
Nelson St
Breakwater Rd
Gambier St
Barham River Rd
Great Ocean Rd
BARHAM RIVER
THE BACKWATER
Barton Pl
Costerman Tce
Galbraith Way
Ocean Park Dr
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 40 80 160 240
Metres
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Kennett River
KENNETT RIVER
Cassidy Dr
Hazel Ct
Gerard Av
Cartra Cr
Joseph Ct
Hawdon Av
Kennett River
Addis Av
Grey River Rd
Great Ocean Rd
Gibson Av
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 12.5 25 50 75
Metres
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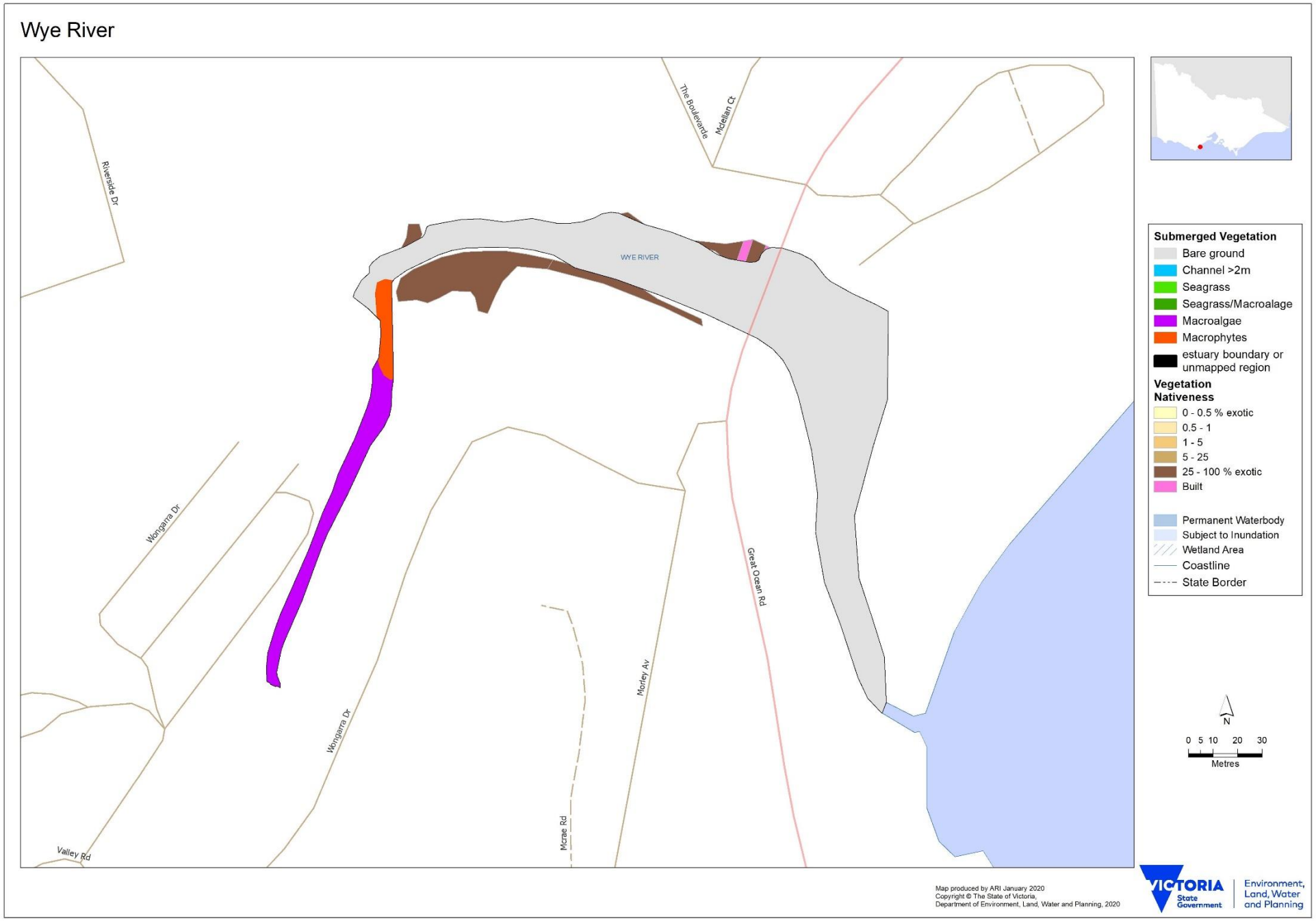
Wye River
WYE RIVER
The Boulevarde
Mclellan Ct
Riverside Dr
Wongarra Dr
Wongarra Dr
Valley Rd
Mcrae Rd
Morley Av
Great Ocean Rd
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
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State Border
N
0 5 10 20 30
Metres
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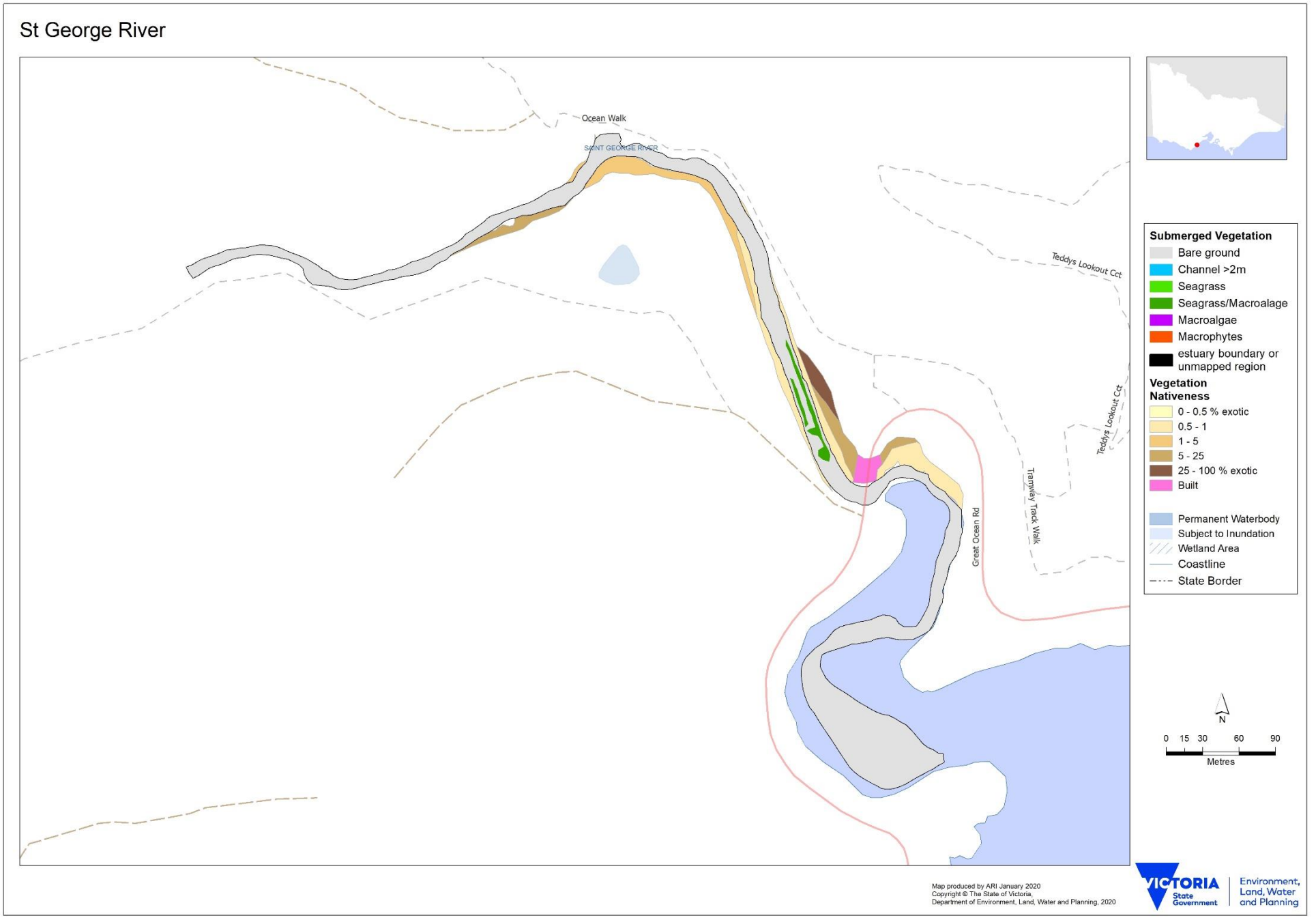
St George River
Ocean Walk
SAINT GEORGE RIVER
Teddys Lookout Cct
Teddys Lookout Cct
Tramway Track Walk
Great Ocean Rd
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 15 30 60 90
Metres
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Erskine River
Staughton Av
Waverley Av
Gwynne Av
Minapre St
Bert Alsop Trk
Deans Marsh Rd
Ocean Rd
Erskine Av
Erskine Falls Walking Trk
ERSKINE RIVER
Otway St
Shipwreck Trl
Cypress Av
Clissold St
Mountjoy Pde
Otway St
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 15 30 60 90
Metres
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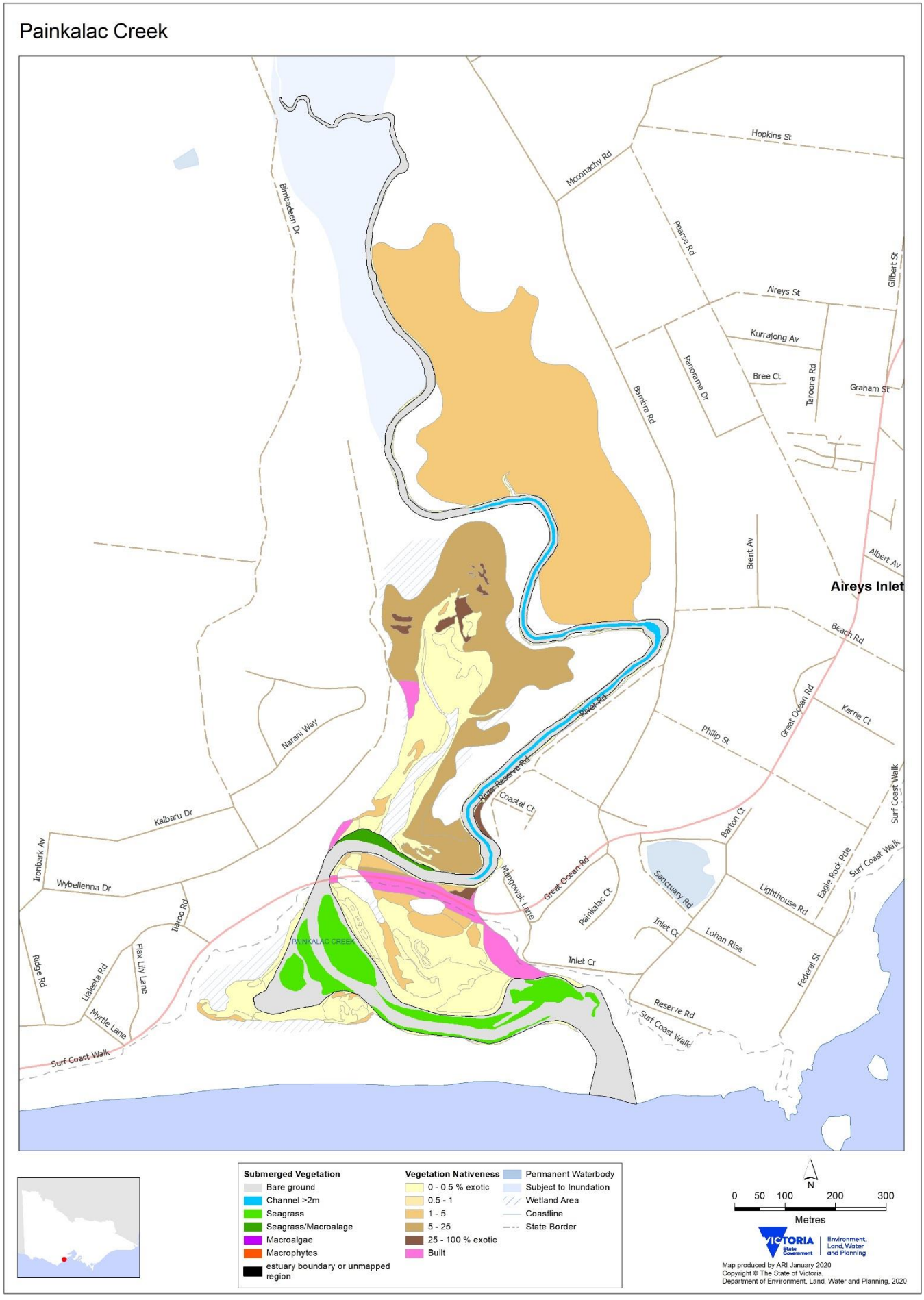
Painkalac Creek
Aireys Inlet
PAINKALAC CREEK
Hopkins St
Mcconachy Rd
Bimbadeen Dr
Pearse Rd
Gilbert St
Aireys St
Kurrajong Av
Bree Ct
Taroona Rd
Graham St
Panorama Dr
Bambra Rd
Brent Av
Albert Av
Beach Rd
Great Ocean Rd
Kerrie Ct
Philip St
River Rd
Rose Reserve Rd
Coastal Ct
Narani Way
Kalbaru Dr
Ironbark Av
Wybellenna Dr
Ilaroo Rd
Ridge Rd
Lieleeta Rd
Flax Lily Lane
Myrtle Lane
Surf Coast Walk
Malgowalk Lane
Painkalac Ct
Sanctuary Rd
Barton Ct
Eagle Rock Pde
Lighthouse Rd
Inlet Ct
Lohan Rise
Inlet Cr
Federal St
Reserve Rd
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 50 100 200 300
Metres
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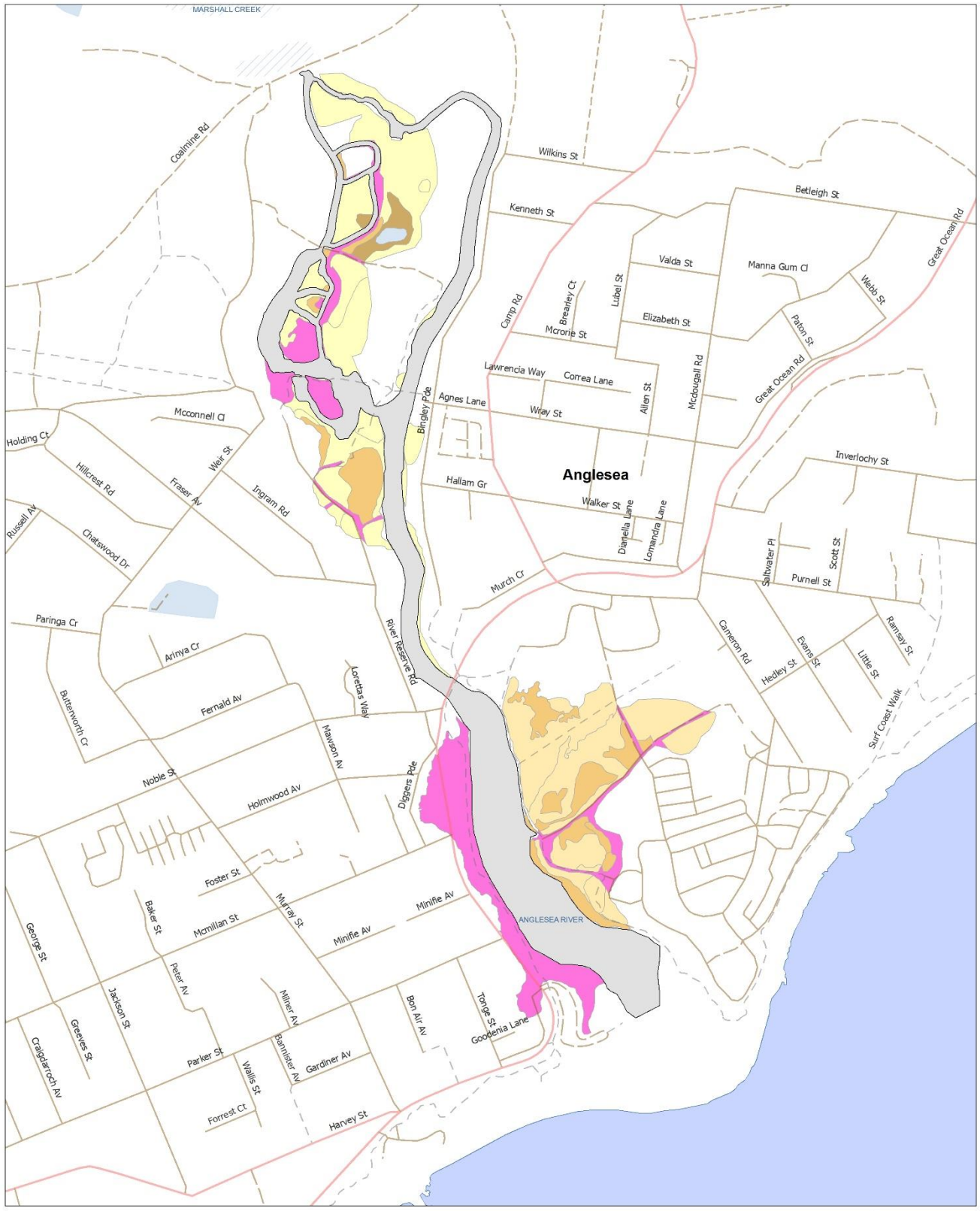
Anglesea River



Submerged Vegetation
- Bare ground
- Channel >2m
- Seagrass
- Seagrass/Macroalage
- Macroalgae
- Macrophytes
- estuary boundary or unmapped region

Vegetation Nativeness
- 0 - 0.5 % exotic
- 0.5 - 1
- 1 - 5
- 5 - 25
- 25 - 100 % exotic
- Built

- Permanent Waterbody
- Subject to Inundation
- Wetland Area
- Coastline
- State Border

N

0 55 110 220 330

Metres

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Spring Creek
Yateman Bvd
Spring St
Sarabande Cr
Torquay
Zeally Bay Rd
Rocklea Dr
Tara Ct
Alleyne Av
Bristol Rd
Minkil St
Danawa Dr
Geelong Rd
Odonell Lane
Boston Rd
Payne St
Warrin St
Borroh Blvd
Springbank Cct
Aurora Cr
Surf Coast Hwy
Anderson St
Spring Valley Dr
Charles Lane
Casuarina Av
Acacia St
Beales St
Banksia Cl
Parkview Ct
Price St
Mundy St
Elizabeth Gr
Gerves St
Parker St
Manna Gum Dr
Ocean View Cr
Beach View Cr
Rudd Av
Lumley Cl
Bell St
Bowman Trk
Ocean Otlk
Malibu Pl
The Mews
Millennium Way
Surf Beach Dr
Davidson Dr
Great Ocean Rd
Pioneer Pl
Diggers Way
Great Ocean Rd
Great Ocean Rd
SPRING CREEK
St Andrews Dr
Sunningdale Av
Voss Cct
Surf Coast Walk
Prestwick Av
Hoylake Av
Muirfield Av
Deal Av
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 40 80 160 240
Metres
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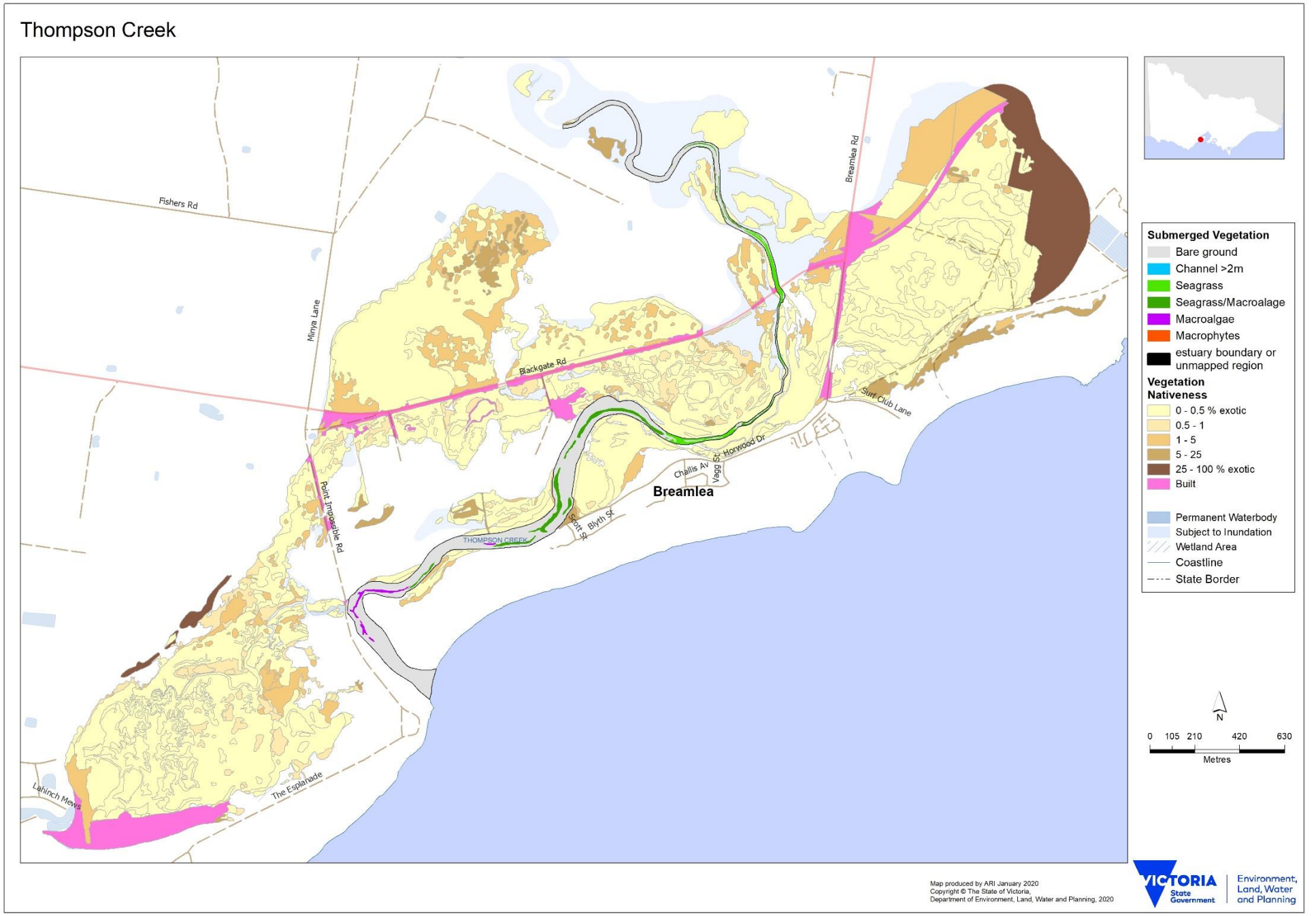
Thompson Creek
Fishers Rd
Minya Lane
Blackgate Rd
Breamlea Rd
Surf Club Lane
Horwood Dr
Vagg St
Challis Av
Breamlea
Point Impossible Rd
North St
Blyth St
THOMPSON CREEK
The Esplanade
Lahinch Mews
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
N
0 105 210 420 630
Metres
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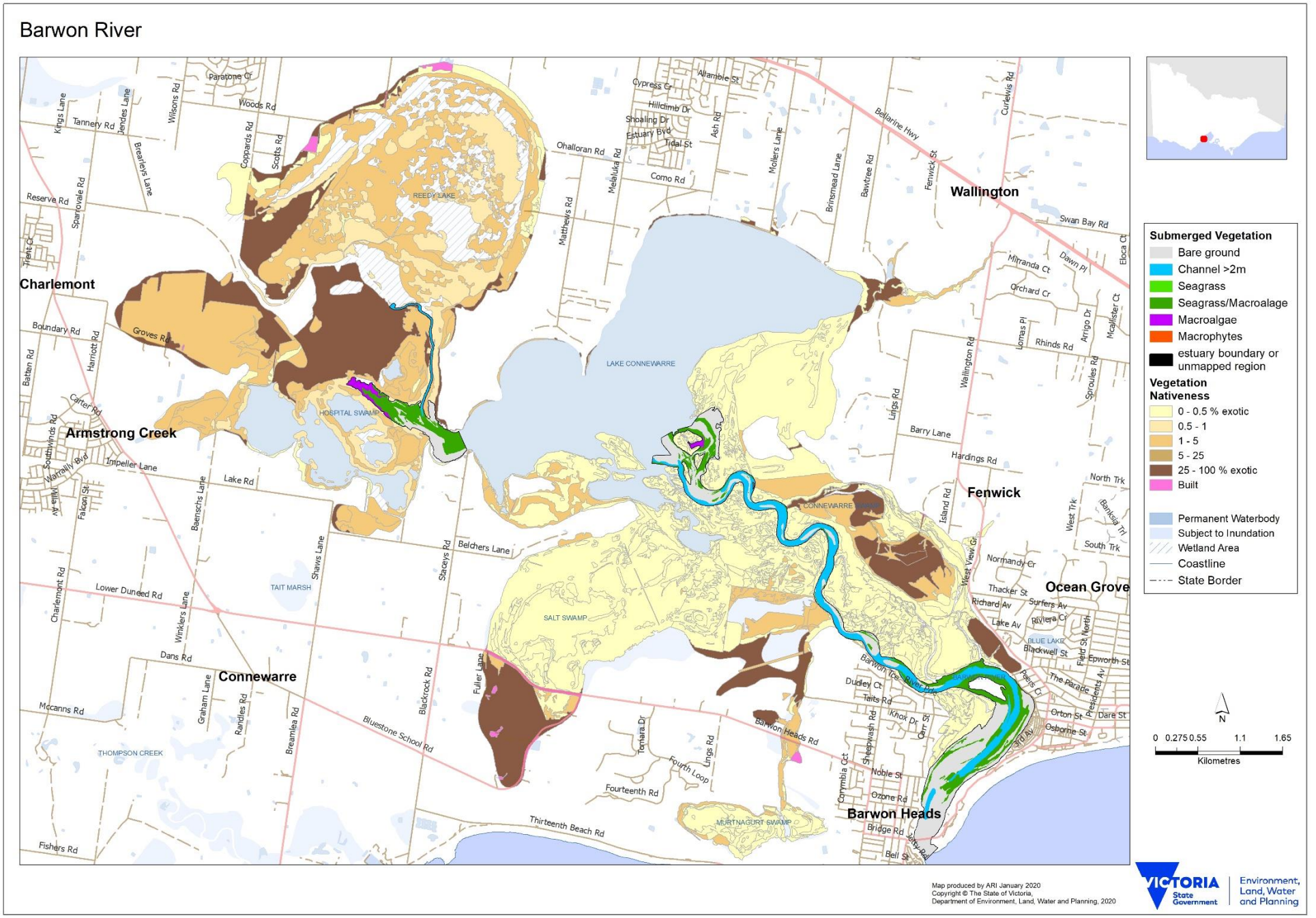
Barwon River
Charlemont
Armstrong Creek
Connewarre
Wallington
Fenwick
Ocean Grove
Barwon Heads
LAKE CONNEWARRE
REEDY LAKE
HOSPITAL SWAMP
TAIT MARSH
SALT SWAMP
THOMPSON CREEK
MURTNAGURT SWAMP
BLUE LAKE
Submerged Vegetation
Bare ground
Channel >2m
Seagrass
Seagrass/Macroalage
Macroalgae
Macrophytes
estuary boundary or unmapped region
Vegetation Nativeness
0 - 0.5 % exotic
0.5 - 1
1 - 5
5 - 25
25 - 100 % exotic
Built
Permanent Waterbody
Subject to Inundation
Wetland Area
Coastline
State Border
0 0.275 0.55 1.1 1.65
Kilometres
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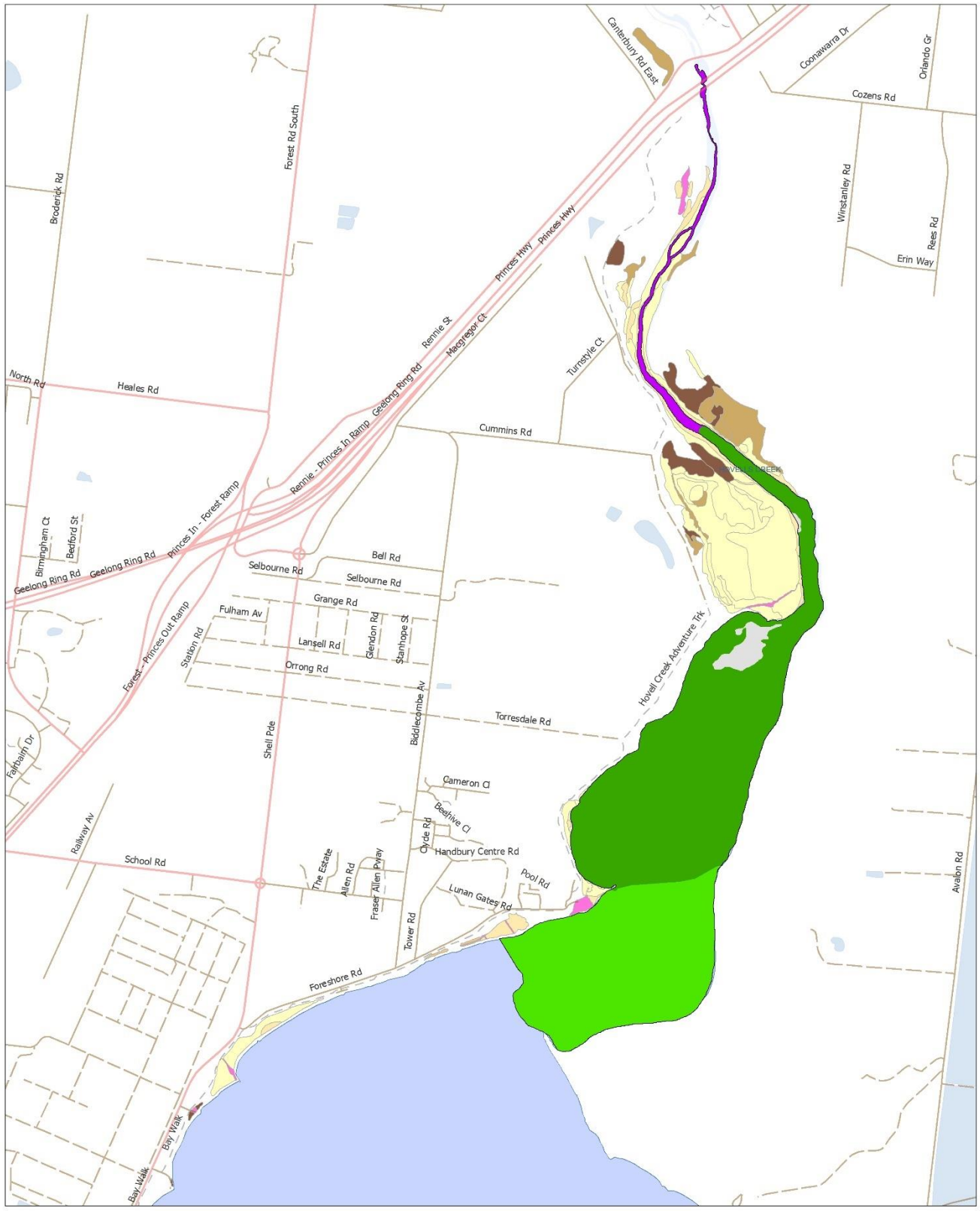
Limeburners Lagoon