TAMBORINE MOUNTAIN PROGRESS ASSOCIATION INC.

"Protecting the quality of living on Tamborine Mountain"

4 October 2020

The CEO, Scenic Rim Regional Council, P.O. Box 25, Beaudesert, Qld., 4285 mail@scenicrim.qld.gov.au

Dear Sir,

Letter of Complaint

This formal letter of complaint relates to the assessment and reporting of development application (DA) MCU19/142 for 43 Justin Avenue, Tamborine Mountain. This complaint concerns the performance of Scenic Rim Regional Council (SRRC) Planning Department (Planning), not the DA. In particular:

- Planning's assessment was negligent in respect of environmental compliance required under
 - State Planning Regulation 2017, schedule 10, Parts 5 and 10
 - Beaudesert Shire Planning Scheme 2007, Tamborine Mountain Zone Code, Escarpment Protection Precinct Code and Nature Conservation Overlay Code
- The recommended conditions failed to include the conditions from approved DA MCBd15/068 for:
 - o bushfire risk protection
 - watercouse protection
- The Report produced for the Planning Committee agenda was misleading with respect to:
 - community objections
 - o environmental compliance and risk

State Planning Regulation 2017

The issue here concerns:

- Planning's Report for the SRRC Planning Committee meeting agenda, 7 Sep. 2020
- o Applicant's Planning Report for MCU19/142 by Mr Toombs, TJ Kelly Surveys Pty Ltd, 16 Dec. 2019
- o Applicant's Planning Report for MCBd15/068 by Mr Toombs, TJ Kelly Surveys Pty Ltd, 25 Sep. 2015

Page 8 of the Applicant's 2019 Report states:

"Referral Agencies

The Planning Regulation 2017 identifies the triggers and thresholds for when development applications require assessment by the State. The referral triggers applicable to a Material Change of Use development application **have been examined. It is concluded that** the proposed development does not trigger referral to the State Government or other referral entity."

Page 173 of Planning's Report states:

"Planning Regulation 2017

As identified by the Applicant, the application did not require referral to be assessed by the Chief Executive Officer."

The Applicant's Report provides no evidence to support the conclusion. Planning's Report provides no evidence and no confirmation. Planning appears to have done nothing more than take Mr Toombs's word for it.

There is doubt over the conclusion because of changes in Planning Regulation 2017 applied to MCB19/142 compared to the Sustainable Planning Regulation 2009 that applied to MCBd15/068.

MCBd15/068 was for "the establishment of three eco-tents [glamping] and conversion of the existing dwelling to a tourist cabin". The Applicant's 2015 Report gave a response to each part of the relevant 2009 Regulation, Schedule 7.

The Applicant's 2019 Report does not mention the applicable Planning Regulation 2017 Schedule 10, much less give a response to each part.

Planning Regulation 2017 Schedule 10

The following table compares the 2009 Schedule 7 regulation with 2017 Schedule 10 regulation.

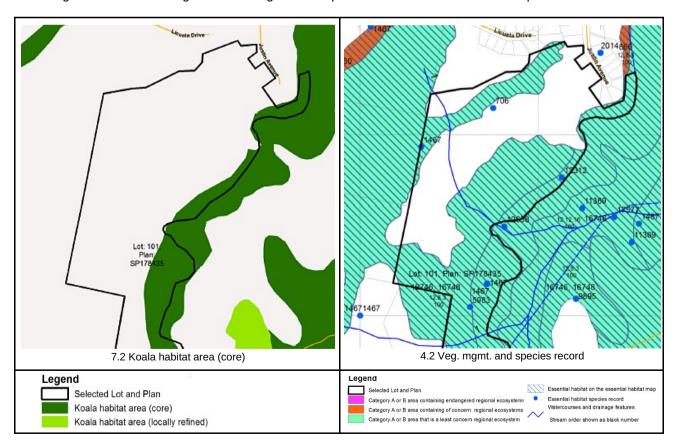
2009 Schedule 7 Regulation	2017 Schedule 10 Regulation
1 Environmentally Relevant Activity	Part 1 Airport land
2 Strategic Port Land	Part 2 Brothels
3 M major Hazard Facility	Part 3 Clearing native vegetation
4 Removal o f Quarry Material	Part 4 Contaminated land
5 Tidal Works, or Devt. in a Coastal Mngmt. District	Part 5 Environmentally relevant activities
6 Heritage	Part 6 Fisheries
7 Certain Aquaculture	Part 8 Heritage places
8 Removal, Destruction or Damage of Marine Plants	Part 9 Infrastructure-related referrals
9 State Controlled Road	Part 10 Koala habitat in SEQ region
10 Dev. Impacting on State Transport Infrastructure	Part 11 Noise sensitive place on noise attenuation land
11 Coastal Management Districts	Part 12 Operational work for reconfiguring a lot
12 Community Infrastructure	Part 13 Ports
13 Electricity Infrastructure	Part 14 Reconfiguring a lot under Land Title Act
14 Clearing Vegetation	Part 15 SEQ development area
15 Contaminated Land (Unexploded Ordnance)	Part 16 SEQ regional landscape, rural prod. & living area
16 SEQ Regional Plan 2009-2031	Part 16A Southport Spit
17 Public Passenger Transport	Part 17 Tidal works or work in a coastal mngmt. district
18 Railways	Part 18 Urban design
19 State-controlled Transport Tunnels	Part 19 Water-related development
20 Oil and Gas Infrastructure	Part 20 Wetland protection area
21 Land in or Near a Wetland	Part 21 Wind farms

Planning Regulation 2017 has an extra part for 'Koala habitat in SEQ region'. The 2019 DA is for development next to a koala habitat area.

The title of the koala regulation is "Assessable development—development interfering with koala habitat in koala habitat areas outside koala priority areas". The relevant phrase is 'interfering with'. The development need not be inside koala habitat to require compliance.

Koala habitat and other essential habitat species

Following this letter is the Vegetation Management Report from DNRME. These are map extracts:



DNRME's map 4.2 records sightings of essential habitat species. Those in the above extract include - 860: koala, 2014: Richmond Birdwing Butterfly, 706: Tusked Frog and 1467: Albert's Lyrebird.

Following the Vegetation Management Report below are several Qld Globe maps that provide greater detail about koala habitat, ecosystems, biodiversity and other matters of state environmental significance.

The word 'koala' does not appear in the Applicant's Report or the Planning Report.

The previous approval for a glamping tent may not have interfered with koala habitat or other essential habitat species. The proposed 'party house' for 100 guests plus staff with music, lights and traffic after dark is a different matter. The State Assessment and Referral Agency (SARA) should have assessed the DA for all 'matters of state environmental significance'.

Beaudesert Shire Planning Scheme 2007, Nature Conservation Overlay Code

The Applicant's Report section 5.4.3 Nature Conservation Overlay Code provides one image, "An extract from **the Overlay Map**", without a legend:

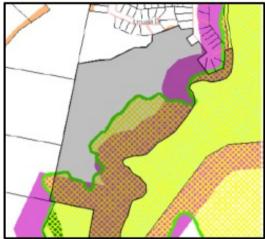
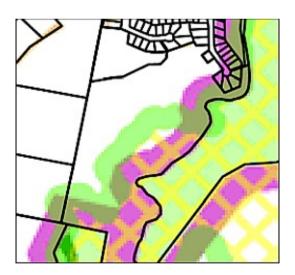
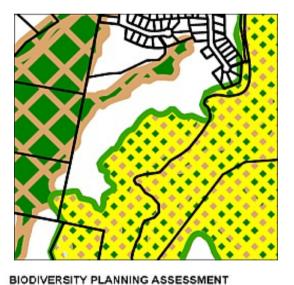


Figure 3 Ecological Corridor.

There are two relevant overlay maps: OV2.1A Nature Conservation Overlay 20 June 2018 and PM3.1A Biodiversity Planning Assessment 20 June 2018.







State Significance State Significance Special Regional Significance Regional Significance Special Local Significance Local Significance Non Remnant Ecological Corridor

The Applicant's supplied extract appears to be a mix of both. However, the Conservation Estate Area in the Nature Conservation Overlay is missing from the Applicant's extract. The northern State Significant Special area in the Biodiversity Overlay is also missing.

Environmental Protection in Planning Scheme Codes

In the Planning Scheme, the Tamborine Mountain Zone Code protects ecologically significant areas and their biodiversity, individual ecosystems and habitat for State significant flora and fauna: SO4, SO20, SO21 and SO22.

The Escarpment Protection Precinct Code protects nature conservation: SO1.

The Nature Conservation Overlay Code protects areas of high nature conservation value within 100m of a Conservation Estate Area, ecological functioning biodiversity and habitat for vulnerable, rare and other regionally significant species: SO4, SO5 and SO6.

The latter Code adds: "Note: The demonstration of compliance with this specific outcome would be assisted by the preparation of **an Ecological Assessment Report** prepared by a suitably qualified and experienced person. The report is to address the information outlined in Planning Scheme Policy 3 – Ecological Assessment Reporting."

The Applicant's response to Planning Scheme Code requirements is given in the Applicant's Appendix 1. The Applicant did not provide an Ecological Assessment Report. The Applicant's reply to all environmental issues relies on the claim there will be no vegetation clearing. (See bushfire management condition below.)

Planning's Report on the Planning Scheme also relies on there being no clearing of vegetation. The Report sites the position of the marquee and car park outside a 'conservation envelope', without reporting the site has protected areas on three sides.

While that argument may apply to a glamping tent it is not sufficient to satisfy the requirements to not 'interfere with' protected wildlife habitat.

SRRC should have rejected the Applicant's claim of code assessable and insisted on the DA being impact assessable because of the environmental impact.



Image from Council's Report

The Party House

The description "Outdoor Reception Venue (Food Establishment/Reception Centre)" is disingenuous; it gives the false impression of a connection to weddings. In fact, in the Applicant's Proposal, "The property will cater for outdoor events, including weddings, corporate functions and other special events."

The correct description from the Planning Regulation 2017 Dictionary is a 'function centre'.

However, Scenic Rim's Planning Scheme 2020 includes a new definition: *Party house* - means premises containing a dwelling that is used to provide, for a fee, accommodation or facilities for guests if — (a) guests regularly use all or part of the premises for parties (bucks parties, hens parties, raves, or wedding receptions, for example).

A marguee is not a dwelling, but then a glamping tent is not a cabin. This application was for a party house.

If this were in an urban area or on a tourism property, then 'code assessable' would be necessary, but 'code assessable' is not sufficient in this protected natural environment. It is 'impact assessable'.

Missing conditions and risks

The glamping tent approval for MCBd15/068 included three conditions missing from the MCU19/142 approval:

- o implementation of the recommendations of the Bushfire Management Report prepared by Eldon Bottcher
- observation and implementation of the Geotechnical Investigation Report prepared by Golder Associates
- o Gully crossings shall have an ARI two (2) year flood immunity

There is far greater risk of bushfire from a large party of people drinking and smoking. Part 3.7 of the Bushfire Report requires vegetation clearing "within an area of a minimum of 50m in width surrounding the Buildings". There will be a far heavier impact on gully crossings from party traffic than from glamping. The earlier conditions should apply.

The Risk Assessment in Planning's Report starts with Category: Environmental, Risk Rating: Medium. Yet, Planning's Report does not explain to Councillors what those risks are. The word 'koala' does not appear in Planning's Report or the Applicant's Report.

There is another risk, ignored, that of a guest dying of a drug overdose. SRRC would be to blame.

Residents' letters

Because Planning treated the application as code assessable, the Applicant was able to avoid publicizing the development. The code assessable treatment also denied residents the right to enter 'submissions' which carry the right to appeal Council's decision in the Planning and Environment Court.

With the 2015 'glamping' DA, there were 375 submissions. For the latest 'marquee' DA there were 38 letters from residents. Planning's Report to Councillors is false; under 'Consultation' the Report refers to the 38 letters as submissions when they are not. This gives a misleading impression of the extent of objection.

There can be little doubt that had Planning treated the DA as impact assessable, requiring publicity and giving appeal rights, there would have been a similar number of submissions as in 2015.

Planning's Report also states "The primary concerns raised are linked to hours of operation and both noise/traffic impacts". Had Planning treated the DA as impact assessable, we could have raised the environmental impacts described here in a submission rather than this complaint.

Noise

A letter from Planning dated 3 February 2020 asked several questions. The Environmental Health questions were about noise impacts. However, these focused on 'the residential nature of the immediate area'. The Applicant replied in a letter of 22 June 2020, including a revised report from Acoustic Works dated 13 March 2020.

The Acoustic Works report is "an environmental noise assessment of a proposed wedding ceremony venue." "Section 7.1.1, Noise levels due to patrons" shows the predicted overall patron sound power level for 100 patrons at a wedding venue is from 94dB(A) to 103dB(A).

"Section 8, Recommendations for Onsite Activities" includes "Amplified systems shall be limited to 85dB(A) when measured at 1m from speaker."

These noise levels compare to Council's noise conditions of between 3dB(A) and 5dB(A) above the background level at dwellings. The marquee is much closer to protected wildlife habitat than to dwellings.

Planning did not ask for an Environmental Assessment Report. Planning did not require the Applicant to refer the development to SARA for nature conservation assessment. Planning took no account of wildlife habitat.

Conclusion

The development is not consistent with Beaudesert Shire Planning Scheme 2007 Codes. The development is not consistent with State Planning Regulation 2017.

Planning's Report to Councillors is misleading, deceptive and tendentious. The emphasis on traffic and acoustic models only serves to distract from the impact on the natural environment. Planning has been willfully blind to the environmental aspects of the development and willfully negligent in scrutinizing the claims of Mr Toombs, a local and regular customer for the department.

Remedy: Council should seek legal advice and inform the Applicant there are shortcomings in his application. Although the code assessment was necessary, it is not sufficient. The development requires a further impact assessment for natural environment compliance. This should include provision of an Ecological Assessment Report and an updated Bushfire Management Report.

This is a formal letter of complaint, and we request a reply within fourteen days.

Although we cannot appeal Council's decision, Tamborine Mountain Progress Association Inc. Reserves the right to ask the Planning and Environment Court to declare the development impact assessable.

Yours faithfully,

D. Sandiford

David Sandiford

For and on behalf of Tamborine Mountain Progress Association Inc.

Attachments

Two html files are attached to this letter. They provide tables of documents on DP Online for the two relevant DAs. Follow the instructions below the tables to access the individual documents directly. Documents of note are:

& Draft

Planning Report Novmet Pty Ltd TJ Kelly Surveys Pty Ltd
Decision Notice Conditions
Planning Report Food Establishment Reception Centre
Appendix 1
Information Request
PART 5 Information from Traffic Engineers for information Request
Management Plan (and acoustic update) & Request Meeting
Decision Notice

Online

<u>Link</u>	SRRC Meeting agenda 7 Sep. 2020
<u>Link</u>	Superseded Beaudesert Shire Planning Scheme 2007
<u>Link</u>	Scenic Rim Planning Scheme 2020
<u>Link</u>	Sustainable Planning Regulation 2009 - Qld
<u>Link</u>	Planning Regulation 2017 - Qld



Vegetation management report

For Lot: 101 Plan: SP178435

Current as at 19/09/2020



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Recent changes

Updated mapping

Updated vegetation mapping was released on 6 April 2020 and includes the most recent Queensland Herbarium scientific updates to the Regulated Vegetation Management Map, regional ecosystems, wetland, high-value regrowth and essential habitat mapping.

Improvements to the format of the report were made in July 2020 to more clearly delineate the three regulatory frameworks of vegetation management, protected plants and koala habitat protection. The Vegetation Management Pre-clear Regional Ecosystem map was also removed from the Vegetation Management Report but can still be requested as a separate map.

Overview

Based on the lot on plan details you have supplied, this report provides the following detailed information:

Property details - information about the specified Lot on Plan, lot size, local government area, bioregion(s), subregion(s) and catchment(s);

Vegetation management framework - an explanation of the application of the framework and contact details for the Department of Natural Resources Mines and Energy who administer the framework;

Vegetation management framework details for the specified Lot on Plan including:

- the vegetation management categories on the property;
- the vegetation management regional ecosystems on the property;
- vegetation management watercourses or drainage features on the property;
- vegetation management wetlands on the property;
- vegetation management essential habitat on the property;
- whether any area management plans are associated with the property;
- · whether the property is coastal or non-coastal; and
- whether the property is mapped as Agricultural Land Class A or B;

Protected plant framework - an explanation of the application of the framework and contact details for the Department of Environment and Science who administer the framework, including:

• high risk areas on the protected plant flora survey trigger map for the property;

Koala protection framework - an explanation of the application of the framework and contact details for the Department of Environment and Science who administer the framework; and

Koala protection framework details for the specified Lot on Plan including:

- the koala district the property is located in;
- koala priority areas on the property;
- core and locally refined koala habitat areas on the property;
- whether the lot is located in an identified koala broad-hectare area; and
- koala habitat regional ecosystems on the property for core koala habitat areas.

This information will assist you to determine your options for managing vegetation under:

- the vegetation management framework, which may include:
 - exempt clearing work;
 - accepted development vegetation clearing code;
 - an area management plan;
 - a development approval;
- the protected plant framework, which may include:
 - the need to undertake a flora survey;
 - exempt clearing;
 - · a protected plant clearing permit;
- the koala protection framework, which may include:
 - exempted development;
 - · a development approval;
 - the need to undertake clearing sequentially and in the presence of a koala spotter.

Other laws

The clearing of native vegetation is regulated by both Queensland and Australian legislation, and some local governments also regulate native vegetation clearing. You may need to obtain an approval or permit under another Act, such as the Commonwealth Government's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Section 9 of this guide provides contact details of other agencies you should confirm requirements with, before commencing vegetation clearing.

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1. Property details

1.1 Tenure and title area

All of the lot, plan, tenure and title area information associated with property Lot: 101 Plan: SP178435, including links to relevant Smart Maps, are listed in Table 1. The tenure of the property (whether it is freehold, leasehold, or other) may be viewed by clicking on the Smart Map link(s) provided.

Table 1: Lot, plan, tenure and title area information for the property

Lot	Plan	Tenure	Link to property on SmartMap	Property title area (sq metres)
101	SP178435	Freehold	https://apps.information.qld.gov.au/data/cadastre/GenerateSmart Map?q=101\SP178435	414,614

The tenure of the land may affect whether clearing is considered exempt clearing work or may be carried out under an accepted development vegetation clearing code.

1.2 Property location

Table 2 provides a summary of the locations for property Lot: 101 Plan: SP178435, in relation to natural and administrative boundaries.

Table 2: Property location details

Local Government(s)
Scenic Rim Regional

Bioregion(s)	Subregion(s)	
Southeast Queensland	Scenic Rim	

Catchment(s)
South Coast

2. Vegetation management framework (administered by the Department of Natural Resources, Mines and Energy (DNRME))

The Vegetation Management Act 1999 (VMA), the Vegetation Management Regulation 2012, the *Planning Act 2016* and the Planning Regulation 2017, in conjunction with associated policies and codes, form the Vegetation Management Framework.

The VMA does not apply to all land tenures or vegetation types. State forests, national parks, forest reserves and some tenures under the *Forestry Act 1959* and *Nature Conservation Act 1992* are not regulated by the VMA. Managing or clearing vegetation on these tenures may require approvals under these laws.

The following native vegetation is not regulated under the VMA but may require permit(s) under other laws:

- grass or non-woody herbage;
- a plant within a grassland regional ecosystem prescribed under Schedule 5 of the Vegetation Management Regulation 2012; and
- a mangrove.

2.1 Exempt clearing work

Exempt clearing work is an activity for which you do not need to notify DNRME or obtain an approval under the vegetation management framework. Exempt clearing work was previously known as exemptions.

In areas that are mapped as Category X (white in colour) on the regulated vegetation management map (see section 4.1), and where the land tenure is freehold, indigenous land and leasehold land for agriculture and grazing purposes, the clearing of vegetation is considered exempt clearing work and does not require notification or development approval under the vegetation management framework. For all other land tenures, contact DNRME before commencing clearing to ensure that the proposed activity is exempt clearing work.

A range of routine property management activities are considered exempt clearing work. A list of exempt clearing work is available at

https://www.gld.gov.au/environment/land/vegetation/exemptions/.

Exempt clearing work may be affected if the proposed clearing area is subject to development approval conditions, a covenant, an environmental offset, an exchange area, a restoration notice, or an area mapped as Category A. Exempt clearing work may require approval under other Commonwealth, State or Local Government laws, or local government planning schemes. Contact DNRME prior to clearing in any of these areas.

2.2 Accepted development vegetation clearing codes

Some clearing activities can be undertaken under an accepted development vegetation clearing code. The codes can be downloaded at

https://www.qld.gov.au/environment/land/vegetation/codes/

If you intend to clear vegetation under an accepted development vegetation clearing code, you must notify DNRME before commencing. The information in this report will assist you to complete the online notification form.

You can complete the online form at

https://apps.dnrm.qld.gov.au/vegetation/

2.3 Area management plans

Area Management Plans (AMP) provide an alternative approval system for vegetation clearing under the vegetation management framework. They list the purposes and clearing conditions that have been approved for the areas covered by the plan. It is not necessary to use an AMP, even when an AMP applies to your property.

On 8 March 2020, AMPs ended for fodder harvesting, managing thickened vegetation and managing encroachment. New notifications cannot be made for these AMPs. You will need to consider options for fodder harvesting, managing thickened vegetation or encroachment under a relevant accepted development vegetation clearing code or apply for a development approval.

New notifications can be made for all other AMPs. These will continue to apply until their nominated end date.

If an Area Management Plan applies to your property for which you can make a new notification, it will be listed in Section 3.6 of this report. Before clearing under one of these AMPs, you must first notify the DNRME and then follow the conditions and requirements listed in the AMP.

https://www.gld.gov.au/environment/land/vegetation/area-plans/

2.4 Development approvals

If under the vegetation management framework your proposed clearing is not exempt clearing work, or is not permitted under an accepted development vegetation clearing code, or an AMP, you may be able to apply for a development approval. Information on how to apply for a development approval is available at

https://www.qld.gov.au/environment/land/management/vegetation/development

2.5. Contact information for DNRME

For further information on the vegetation management framework:

Phone 135VEG (135 834)

Email vegetation@dnrme.qld.gov.au

Visit https://www.dnrme.qld.gov.au/?contact=vegetation to submit an online enquiry.

3. Vegetation management framework for Lot: 101 Plan: SP178435

3.1 Vegetation categories

The vegetation categories on your property are shown on the regulated vegetation management map in section 4.1 of this report. A summary of vegetation categories on the subject lot are listed in Table 3. Descriptions for these categories are shown in Table 4.

Table 3: Vegetation categories for subject property. Total area: 42.8ha

Vegetation category	Area (ha)
Category B	29.6
Category C	0.7
Category X	12.6

Table 4: Description of vegetation categories

Category Colour on Map Description		Description	Requirements / options under the vegetation management framework	
A	red	Compliance areas, environmental offset areas and voluntary declaration areas	Special conditions apply to Category A areas. Before clearing, contact DNRME to confirm any requirements in a Category A area.	
В	dark blue	Remnant vegetation areas	Exempt clearing work, or notification and compliance with accepted development vegetation clearing codes, area management plans or development approval.	
С	light blue	High-value regrowth areas	Exempt clearing work, or notification and compliance with managing Category C regrowth vegetation accepted development vegetation clearing code.	
R	yellow	Regrowth within 50m of a watercourse or drainage feature in the Great Barrier Reef catchment areas	Exempt clearing work, or notification and compliance with managing Category R regrowth accepted development vegetation clearing code or area management plans.	
X	white	Clearing on freehold land, indigenous land and leasehold land for agriculture and grazing purposes is considered exempt clearing work under the vegetation management framework. Contact DNRME to clarify whether a development approval is required for other State land tenures.	No permit or notification required on freehold land, indigenous land and leasehold land for agriculture and grazing. A development approval may be required for some State land tenures.	

Property Map of Assessable Vegetation (PMAV)

There is no Property Map of Assessable Vegetation (PMAV) present on this property.

3.2 Regional ecosystems

The endangered, of concern and least concern regional ecosystems on your property are shown on the vegetation management supporting map in section 4.2 and are listed in Table 5.

A description of regional ecosystems can be accessed online at https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/descriptions/

Table 5: Regional ecosystems present on subject property

Regional Ecosystem	VMA Status	Category	Area (Ha)	Short Description	Structure Category
12.12.15	Least concern	В	5.73	Corymbia intermedia +/- Eucalyptus propinqua, E. siderophloia, E. microcorys, Lophostemon confertus open forest on Mesozoic to Proterozoic igneous rocks	Mid-dense
12.12.16	Least concern	В	0.05	Notophyll vine forest on Mesozoic to Proterozoic igneous rocks	Dense
12.8.3	Least concern	В	23.79	Complex notophyll vine forest on Cainozoic Dense igneous rocks. Altitude <600m	
12.8.3	Least concern	С	0.20	Complex notophyll vine forest on Cainozoic igneous rocks. Altitude <600m	Dense
12.8.8	Of concern	С	0.46	Eucalyptus saligna subsp. saligna or E. grandis tall open forest on Cainozoic igneous rocks Mid-dense	
non-rem	None	Х	12.59	None	None

Please note:

The VMA status of the regional ecosystem (whether it is endangered, of concern or least concern) also determines if any of the following are applicable:

- · exempt clearing work;
- accepted development vegetation clearing codes;
- performance outcomes in State Code 16 of the State Development Assessment Provisions (SDAP).

3.3 Watercourses

Vegetation management watercourses and drainage features for this property are shown on the vegetation management supporting map in section 4.2.

3.4 Wetlands

There are no vegetation management wetlands present on this property.

3.5 Essential habitat

Protected wildlife is native wildlife prescribed under the *Nature Conservation Act 1992* (NCA), and includes endangered, vulnerable or near-threatened wildlife.

Essential habitat for protected wildlife includes suitable habitat on the lot, or where a species has been known to occur up to 1.1 kilometres from a lot on which there is assessable vegetation. These important habitat areas are protected under the VMA.

^{1.} All area and area derived figures included in this table have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.

^{2.} If Table 5 contains a Category 'plant', please be aware that this refers to 'plantations' such as forestry, and these areas are considered non-remnant under the VMA.

Any essential habitat on this property will be shown as blue hatching on the vegetation supporting map in section 4.2.

If essential habitat is identified on the lot, information about the protected wildlife species is provided in Table 6 below. The numeric labels on the vegetation management supporting map can be cross referenced with Table 6 to outline the essential habitat factors for that particular species. There may be essential habitat for more than one species on each lot, and areas of Category A, Category B and Category C can be mapped as Essential Habitat.

Essential habitat is compiled from a combination of species habitat models and buffered species records. Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated. Essential habitat, for protected wildlife, means an area of vegetation shown on the Regulated Vegetation Management Map -

- 1) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database. Essential habitat factors are comprised of regional ecosystem (mandatory for most species), vegetation community, altitude, soils, position in landscape; or
- 2) in which the protected wildlife, at any stage of its life cycle, is located.

If there is no essential habitat mapping shown on the vegetation management supporting map for this lot, and there is no table in the sections below, it confirms that there is no essential habitat on the lot.

Category A and/or Category B and/or Category C

Table 6: Essential habitat in Category A and/or Category B and/or Category C

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
16746	Macadamia integrifolia	Queensland nut, macadamia nut	V	dry vine thicket; complex notophyll vine forest; Araucarian notophyll vine forest	0 to 700 m	red to brown loam to silty clay or skeletal soil	scree slope or lower to upper hill slope often steep or along watercourse
16748	Macadamia tetraphylla	macadamia nut	V	complex notophyll vine forest	0 to 700 m	red to brown loam or clay occasionally shallow and rocky, derived from metasediments, acid volcanics or basalts	alluvial terrace or bank of watercourse or hill slope or rocky scree slope
1171	Calyptorhync hus lathami	glossy black -cockatoo	V	Lowland and highland eucalypt forest and woodland, including riparian, callitris and brigalow scrub areas, with Casuarina (C. glauca, C. cristata)/Allocasuarina spp. (A. torulosa, A. littoralis). Nest in large vertical hollow (1-2m deep, 25-50cm diameter) up to 28m above ground in tall slightly isolated tree usually near principal food source (Allocasuarina/Casuarina).	Sea level to 1200m.	None	None

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
860	Phascolarcto s cinereus	koala	V	SEQ: Open eucalypt forest and woodland that has: a) multiple strata layers containing Eucalyptus, Corymbia, Angophora, Lophostemon or Melaleuca trees that-at 1.3 metres above the ground-have a diameter both greater and less than 30 centimetres; and b) at least 1 of the following species: Eucalyptus tereticornis, E. fibrosa, E. propinqua; E. umbra, E. grandis, E. microcorys, E. tindaliae, E. resinifera, E. populnea, E. robusta, E. nigra, E. racemosa, E. crebra, E. exserta, E. seeana, Lophostemon confertus, L. suaveolens, Melaleuca quinquenervia. Outside SEQ: Open eucalypt forest and woodland that contains Eucalyptus &/or Corymbia spp. Tree species used for food varies across State and can include Eucalyptus tereticornis, E. camaldulensis, E. coolabah; E. drepanophylla, E. platyphylla, E. orgadophilla, E. thozetiana, E. melanophloia, E. populnea, E. melliodora, E. dealbata, E. microtheca, E. crebra, E. exserta, E. blakelyi, E. papuana, Corymbia tessellaris, C. citriodora, Melaleuca quinquenervia, M. leucadendra.	Sea level to 1000m.	None	Riparian areas, plains and hill/escarpment slopes.
595	Litoria pearsoniana	cascade tree frog	V	Under stones and in low vegetation along relatively large (upstream catchment volume >1000GL) fast flowing rocky streams in subtropical vine forest (complex notophyll) and wet sclerophyll forest, especially where palms present in midstorey, and occasionally along perennial densely vegetated streams in open forest adjacent to rainforest.	100-1000m.	None	Near/in streams.
706	Adelotus brevis	tusked frog	V	In cavities, under debris (logs, stones) in subtropical vine forest, tall open moist forest, heaths, Melaleuca swamp and pasturelands near puddles and streams.	Sea level to 1000m.	None	None
803	Dasyurus maculatus maculatus	spotted-taile d quoll (southern subsp.)	V	Rainforest, wet and dry structurally complex sclerophyll forest (e.g. Eucalyptus andrewsii, E. saligna, E. tereticornis & Corymbia intermedia) on productive soils (gullies & flats) and in rocky areas (ridges), also open woodland (E. alba, E. melliodora, Callitris glaucophylla), coastal heathland (adjacent to forest) and riparian forest. Dens in caves, rock crevices and hollow logs.	Sea level to 1000m.	None	None
1467	Menura alberti	Albert's Lyrebird	NT	Rainforest, including Nothofagus and subtropical vine forest with tree ferns and Archontophoenix cunninghamiana, and adjacent wet sclerophyll (blackbutt) forest, montane & gully acacia forest; dense vines/rainforest understorey but relatively open ground.	100-1300m.	None	None

Label	Scientific	Common	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
	Name	Name					
1952	Podargus	plumed	V	Upper canopy of closed forest (notophyll and	Sea level to	None	None
	ocellatus	frogmouth		complex notophyll vine forest), often with	900m.		
	plumiferus			emergents (Eucalyptus grandis and			
				Lophostemon confertus = wet sclerophyll			
				forest), vines and palms Archonotophoenix			
				cunninghamiana along creeks, occasionally in			
				araucarian vine forest (notophyll and			
				microphyll); roosts by day in thick rainforest			
				vegetation and occasionally use adjacent open			
				forest.			
2014	Ornithoptera	Richmond	V	Lowland (including littoral & gallery) and	Sea level to	Basalt and volcanic alluvial substrates.	None
	richmondia	birdwing		upland subtropical rainforest with Paristolochia	>800m.		
				praevenosa and P. laheyana respectively; P.			
				praevenosa occurs below 600m asl on basaltic			
				slopes, creek banks, or on volcanic alluvial			
				soils near watercourses, while P. laheyana			
				occurs on basaltic ridges and slopes at >800m			
				asl.			
			<u> </u>				
5983	Pararistolochi	None	NT	simple to complex notophyll vine forest; gallery	0 to 900 m	reddish-brown clay loam to loam or deep	hill slope or creek bank or alluvial terrace
	a praevenosa			vine forest		sandy soil	
9895	Corynocarpus	southern cor	V	microphyll vine forest; semi-evergreen vine	0 to 600 m	gravelly loamy sand, shallow loam or sandy	hill or talus slope usually steep and rocky,
	rupestris	ynocarpus	1	thicket; microphyll-notophyll vine thicket		clay loam	rocky scree in steep drainage line
	subsp.						
	arborescens						
	arborescens						
11205	Marsdenia	slender	V	open forest of Eucalyptus pilularis, E.	0 to 800 m	red brown loam to clay or sandy soil	mostly on steep ridge or hill slope sometimes
	coronata	milkvine		microcorys, Corymbia intermedia, or		occasionally skeletal	on rock ledges along clifflines rarely on alluvial
				Eucalyptus propinqua, E. carnea with			terrace
				Themeda understorey, or Lophostemon			
				confertus, Corymbia intermedia, Eucalyptus			
				carnea, Allocasuarina littoralis, Banksia			
				integrifolia, or Eucalyptus carnea, E.			
				propinqua, or Eucalyptus carnea, E. propinqua,			
				E. acmenoides, or Allocasuarina littoralis,			
				Lophostemon confertus, Corymbia citriodora,			
				Eucalyptus carnea, E. tindaliae; woodland to			
				open forest of Eucalyptus fibrosa, Corymbia			
				citriodora, or Eucalyptus fibrosa, C. henryi, or			
				Corymbia citriodora, Eucalyptus dura, C.			
				henryii, or Eucalyptus dura, Eucalyptus			
				acmenoides; rocky heathland with Acacia			
				blakei; wet sclerophyll forest dominated by			
				Eucalyptus andrewsii, E. biturbinata			
11212	Marsdenia	None	V	ecotone between rainforest and wet	0 to 700 m	loam to clay soil	plateau or hill slope often steep with numerous
	longiloba			sclerophyll; woodland to tall open forest of			rock outcrops
			1	Eucalyptus propinqua, E. crebra with rainforest			
			1	species understorey; open forest of Eucalyptus			
				acmenoides, or Eucalyptus andrewsii, E.			
			1	microcorys, Lophostemon confertus, or			
			1	Corymbia intermedia, Eucalyptus saligna, E.			
				acmenoides, Syncarpia glomulifera, or			
			1	Eucalyptus biturbinata, E. crebra,			
			1				
				Allocasuarina torulosa			
11369	Baloghia	jointed	V	simple or complex notophyll vine forest	50 to 600 m	red to brown loam soil (Rudosols, Tenosols,	hill slopes
	marmorata	baloghia				Sodosols and Chromosol)	•
	mamorald	balogilla	<u> </u>			SSSSSSS and Shiomosoly	
12191	Randia	spiny	E	Araucarian microphyll vine forest; Notophyll	0 to 400 m	loam or clay loam	creek bank or flood terrace or hill slope
	moorei	gardenia	1	vine forest; rainforest margins with			
		g 301110					
				Argyrodendron trifoliolatum, Dissiliaria,			
. '	I		I	Grevillea hilliana, Eucalyptus acmenoides, E.	I		
				propinqua			

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
12312	Zieria collina	None	V	open forest of Eucalyptus microcorys, E. propinqua, E. acmenoides, Lophostemon confertus with shrubby understorey; moist forest of Eucalyptus grandis, E. microcorys; transtional rainforest/wet sclerophyll forest	100 to 500 m	clay or red loam or shallow rocky soil	on gentle to steep slope
12658	Sarcochilus fitzgeraldii	ravine orchid	E	open and closed forest comminities	300 to 1200 m	absent	rock faces (lithophyte)
17577	Cryptocarya foetida	stinking cryptocarya	٧	complex notophyll vine forest; brushbox or flooded gum forest with rainforest understory	0 to 400 m	sand or loam soils (Rudosols, Tenosols (siliceous or calcareous sands), Podosols, Organosols, Sodosols, Chromosols, Vertosols, Ferrosols, Dermosols)	hill slopes
21789	Jasminum jenniae	None	Е	vine forest; rainforest	100 to 700 m	loam to clay loam often shallow and rocky (Rudosols, Tenosols, Sodosols, Chromosols, Vertosols, Ferrosols, Dermosols)	steep hill slopes

Label	Regional Ecosystem (mandatory unless otherwise specified)
16746	12.3.1, 12.3.2, 12.3.16, 12.8.3, 12.8.4, 12.9-10.16, 12.11.1, 12.11.3, 12.11.5, 12.11.10, 12.11.11, 12.11.24, 12.12.1, 12.12.13, 12.12.16
16748	12.3.1, 12.3.2, 12.3.11, 12.8.3, 12.8.9, 12.11.1, 12.11.2, 12.11.3, 12.11.5, 12.11.10, 12.12.16
1171	6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.3.5, 6.3.8, 6.3.9, 6.3.16, 6.3.17, 6.3.18, 6.3.24, 6.3.25, 6.4.1, 6.4.2, 6.4.3, 6.5.1, 6.5.2, 6.5.3, 6.5.5, 6.5.17, 6.5.19, 6.7.2, 6.7.5,
	6.7.6, 8.2.1, 8.2.3, 8.2.4, 8.2.6, 8.2.7, 8.2.8, 8.2.12, 8.2.13, 8.2.14, 8.3.2, 8.3.3, 8.3.5, 8.3.6, 8.3.8, 8.3.11, 8.3.13, 8.5.1, 8.5.2, 8.5.3, 8.5.5, 8.5.6, 8.9.1,
	8.11.1, 8.11.3, 8.11.4, 8.11.5, 8.11.6, 8.11.8, 8.12.4, 8.12.5, 8.12.6, 8.12.7, 8.12.8, 8.12.9, 8.12.12, 8.12.14, 8.12.20, 8.12.22, 8.12.23, 8.12.25, 8.12.26,
	8.12.27, 8.12.31, 8.12.32, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 9.3.5, 9.3.6, 9.3.7, 9.3.8, 9.3.9, 9.3.11, 9.3.13, 9.3.14, 9.3.15, 9.3.16, 9.3.17, 9.3.18, 9.3.19, 9.3.20,
	9.3.21, 9.3.22, 9.3.23, 9.4.1, 9.4.2, 9.4.3, 9.5.1, 9.5.3, 9.5.4, 9.5.5, 9.5.6, 9.5.7, 9.5.8, 9.5.9, 9.5.10, 9.5.11, 9.5.12, 9.5.16, 9.7.1, 9.7.2, 9.7.3, 9.7.5, 9.7.6,
	9.8.1, 9.8.2, 9.8.4, 9.8.5, 9.8.6, 9.8.9, 9.8.10, 9.8.11, 9.10.1, 9.10.3, 9.10.4, 9.10.5, 9.10.6, 9.10.7, 9.10.8, 9.11.1, 9.11.2, 9.11.3, 9.11.4, 9.11.5, 9.11.7,
	9.11.10, 9.11.11, 9.11.12, 9.11.13, 9.11.15, 9.11.16, 9.11.17, 9.11.18, 9.11.19, 9.11.23, 9.11.26, 9.11.28, 9.11.29, 9.11.31, 9.11.32, 9.12.1, 9.12.2, 9.12.3,
	9.12.4, 9.12.5, 9.12.6, 9.12.7, 9.12.10, 9.12.11, 9.12.12, 9.12.13, 9.12.16, 9.12.17, 9.12.18, 9.12.19, 9.12.20, 9.12.21, 9.12.22, 9.12.23, 9.12.24, 9.12.26,
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	11.8.12, 11.8.14, 11.8.15, 11.9.1, 11.9.2, 11.9.3, 11.9.5, 11.9.6, 11.9.7, 11.9.9, 11.9.10, 11.9.13, 11.9.14, 11.10.1, 11.10.2, 11.10.3, 11.10.4, 11.10.5,
	11.10.6, 11.10.7, 11.10.9, 11.10.11, 11.10.12, 11.10.13, 11.11.1, 11.11.3, 11.11.4, 11.11.6, 11.11.7, 11.11.8, 11.11.9, 11.11.10, 11.11.11, 11.11.13,
	11.11.14, 11.11.15, 11.11.16, 11.11.19, 11.11.20, 11.12.1, 11.12.2, 11.12.3, 11.12.5, 11.12.6, 11.12.7, 11.12.8, 11.12.9, 11.12.10, 11.12.11, 11.12.12,
	11.12.13, 11.12.14, 11.12.15, 11.12.17, 11.12.19, 11.12.20, 11.12.21, 12.2.5, 12.2.6, 12.2.13, 12.2.14, 12.3.11, 12.5.1, 12.5.2, 12.5.3, 12.5.4, 12.5.6,
	12.8.1, 12.8.2, 12.8.8, 12.8.10, 12.8.11, 12.8.12, 12.8.14, 12.8.16, 12.8.19, 12.8.20, 12.8.23, 12.8.25, 12.9-10.2, 12.9-10.4, 12.9-10.5, 12.9-10.6, 12.9-10.9,
	12.9-10.12, 12.9-10.14, 12.9-10.17, 12.9-10.19, 12.9-10.20, 12.11.2, 12.11.3, 12.11.5, 12.11.6, 12.11.9, 12.11.15, 12.11.23, 12.11.24, 12.11.25, 12.11.27,
	12.12.2, 12.12.5, 12.12.6, 12.12.9, 12.12.11, 12.12.15, 12.12.20, 12.12.23, 12.12.26, 13.3.1, 13.3.2, 13.3.3, 13.3.4, 13.3.5, 13.3.7, 13.9.2, 13.11.1, 13.11.2,
	13.11.3, 13.11.4, 13.11.5, 13.11.6, 13.11.8, 13.12.1, 13.12.2, 13.12.3, 13.12.4, 13.12.5, 13.12.8, 13.12.9, 13.12.10
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Label	Regional Ecosystem (mandatory unless otherwise specified)
860	SEQ: 11.32, 11.3.4, 11.3.25, 11.3.26, 11.8.2, 11.8.4, 11.8.5, 11.8.8, 11.9.9, 12.2.5, 12.2.6, 12.2.7, 12.2.8, 12.2.10, 12.3.2, 12.3.3, 12.3.4, 12.3.5, 12.3.6,
	12.3.7, 12.3.9, 12.3.10, 12.3.11, 12.3.14, 12.3.18, 12.3.19, 12.3.20, 12.5.1, 12.5.2, 12.5.3, 12.5.4, 12.5.6, 12.5.7, 12.5.10, 12.5.12, 12.8.1, 12.8.8, 12.8.9,
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	12.9-10.11, 12.9-10.12, 12.9-10.14, 12.9-10.17, 12.9-10.18, 12.9-10.19, 12.9-10.21, 12.9-10.25, 12.9-10.26, 12.9-10.27, 12.9-10.28, 12.9-10.29, 12.11.2,
	12.11.3, 12.11.5, 12.11.6, 12.11.7, 12.11.8, 12.11.9, 12.11.14, 12.11.15, 12.11.16, 12.11.17, 12.11.18, 12.11.22, 12.11.23, 12.11.24, 12.11.25, 12.11.26,
	12.11.27, 12.11.28, 12.12.2, 12.12.3, 12.12.5, 12.12.6, 12.12.7, 12.12.8, 12.12.9, 12.12.11, 12.12.12, 12.12.14, 12.12.15, 12.12.23, 12.12.24, 12.12.25,
	12.12.28. Outside SEQ: 4.3.1, 4.3.2, 4.3.3, 4.3.4, 4.3.5, 4.3.6, 4.3.6, 4.3.10, 4.3.11, 4.4.1, 4.5.3, 4.5.5, 4.5.6, 4.5.8, 4.5.9, 4.7.1, 4.7.7, 4.7.8, 4.9.6, 4.9.10,
	4.9.12, 4.9.17, 6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.3.5, 6.3.7, 6.3.8, 6.3.9, 6.3.11, 6.3.12, 6.3.17, 6.3.18, 6.3.22, 6.3.24, 6.3.25, 6.4.1, 6.4.2, 6.4.3, 6.4.4, 6.5.1, 6.5.2,
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	7.12.61, 7.12.62, 7.12.63, 7.12.66, 7.12.69, 8.1.5, 8.2.3, 8.2.6, 8.2.7, 8.2.8, 8.2.11, 8.2.12, 8.2.13, 8.2.14, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6, 8.3.8,
	8.3.10, 8.3.11, 8.3.13, 8.5.1, 8.5.2, 8.5.3, 8.5.5, 8.5.6, 8.5.7, 8.9.1, 8.10.1, 8.11.1, 8.11.3, 8.11.4, 8.11.5, 8.11.6, 8.11.8, 8.11.10, 8.11.12, 8.12.4, 8.12.5,
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	9.35, 9.36, 9.37, 9.38, 9.310, 9.3.11, 9.3.13, 9.3.14, 9.3.15, 9.3.16, 9.3.17, 9.3.19, 9.3.20, 9.3.21, 9.3.22, 9.3.27, 9.4.1, 9.4.2, 9.4.3, 9.5.1, 9.5.3, 9.5.4,
	9.55, 9.56, 9.57, 9.58, 9.59, 9.510, 9.511, 9.512, 9.515, 9.516, 9.517, 9.71, 9.72, 9.73, 9.74, 9.75, 9.76, 9.81, 9.82, 9.83, 9.84, 9.85, 9.89,
	9.8.10, 9.8.11, 9.8.13, 9.10.1, 9.10.3, 9.10.4, 9.10.5, 9.10.7, 9.10.8, 9.11.1, 9.11.2, 9.11.3, 9.11.4, 9.11.5, 9.11.7, 9.11.10, 9.11.12, 9.11.13, 9.11.14,
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	9.12.23, 9.12.24, 9.12.25, 9.12.26, 9.12.27, 9.12.28, 9.12.29, 9.12.30, 9.12.31, 9.12.32, 9.12.33, 9.12.35, 9.12.36, 9.12.37, 9.12.38, 9.12.39, 9.12.44,
	10.3.2, 10.3.3, 10.3.5, 10.3.6, 10.3.9, 10.3.10, 10.3.11, 10.3.12, 10.3.13, 10.3.14, 10.3.15, 10.3.17, 10.3.20, 10.3.27, 10.3.28, 10.4.3, 10.4.9, 10.5.1, 10.5.2,
	10.5.4, 10.5.5, 10.5.7, 10.5.8, 10.5.9, 10.5.10, 10.5.11, 10.5.12, 10.7.1, 10.7.2, 10.7.3, 10.7.4, 10.7.5, 10.7.9, 10.7.10, 10.7.11, 10.7.12, 10.9.2, 10.9.3,
	10,9.5, 10,10.1, 10,10.3, 10,10.4, 10,10.5, 10,10.7, 11,2.1, 11,2.5, 11,3.1, 11,3.2, 11,3.3, 11,3.4, 11,3.5, 11,3.6, 11,3.7, 11,3.9, 11,3.10, 11,3.12, 11,3.13,
	11.3.14, 11.3.15, 11.3.16, 11.3.17, 11.3.18, 11.3.19, 11.3.21, 11.3.23, 11.3.25, 11.3.26, 11.3.27, 11.3.28, 11.3.29, 11.3.30, 11.3.32, 11.3.33, 11.3.35,
	11.3.36, 11.3.37, 11.3.38, 11.3.39, 11.4.2, 11.4.3, 11.4.7, 11.4.8, 11.4.9, 11.4.10, 11.4.12, 11.4.13, 11.5.1, 11.5.2, 11.5.3, 11.5.4, 11.5.5, 11.5.7, 11.5.8,
	11.5.9, 11.5.12, 11.5.13, 11.5.14, 11.5.17, 11.5.18, 11.5.20, 11.5.21, 11.7.1, 11.7.2, 11.7.3, 11.7.4, 11.7.6, 11.7.7, 11.8.1, 11.8.2, 11.8.4, 11.8.5, 11.8.8,
	11.8.11, 11.8.12, 11.8.14, 11.8.15, 11.9.1, 11.9.2, 11.9.3, 11.9.5, 11.9.6, 11.9.7, 11.9.9, 11.9.10, 11.9.11, 11.9.13, 11.9.14, 11.10.1, 11.10.2, 11.10.3,
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	11.11.11, 11.11.12, 11.11.13, 11.11.14, 11.11.15, 11.11.16, 11.11.17, 11.11.19, 11.11.20, 11.12.1, 11.12.2, 11.12.3, 11.12.5, 11.12.6, 11.12.7, 11.12.8,
	11.12.9, 11.12.10, 11.12.13, 11.12.14, 11.12.15, 11.12.16, 11.12.17, 11.12.19, 11.12.20, 13.3.1, 13.3.2, 13.3.3, 13.3.4, 13.3.5, 13.3.7, 13.9.2, 13.11.1,
	13.11.2, 13.11.3, 13.11.4, 13.11.5, 13.11.6, 13.11.8, 13.11.9, 13.12.1, 13.12.2, 13.12.2, 13.12.4, 13.12.5, 13.12.6, 13.12.8, 13.12.9, 13.12.10.
595	12.2.1, 12.2.2, 12.2.3, 12.2.4, 12.2.5, 12.2.7, 12.2.8, 12.3.1, 12.3.2, 12.3.3, 12.3.4, 12.3.5, 12.3.7, 12.3.9, 12.3.10, 12.3.11, 12.3.15, 12.3.16, 12.3.17,
	12.3.18, 12.3.19, 12.3.20, 12.3.21, 12.5.1, 12.5.3, 12.5.6, 12.5.7, 12.5.13, 12.8.1, 12.8.2, 12.8.3, 12.8.4, 12.8.5, 12.8.6, 12.8.7, 12.8.8, 12.8.9, 12.8.10,
	128.11, 128.12, 128.13, 128.14, 128.18, 128.21, 128.22, 128.23, 128.24, 128.25, 128.26, 12.9-10.1, 12.9-10.2, 12.9-10.3, 12.9-10.5,
	12.9-10.6, 12.9-10.10, 12.9-10.11, 12.9-10.14, 12.9-10.15, 12.9-10.16, 12.9-10.17, 12.9-10.19, 12.9-10.23, 12.9-10.24,
	12.9-10.25, 12.9-10.26, 12.9-10.27, 12.9-10.29, 12.11.1, 12.11.2, 12.11.3, 12.11.4, 12.11.5, 12.11.6, 12.11.9, 12.11.10, 12.11.11, 12.11.12, 12.11.13,
	12.11.16, 12.11.17, 12.11.18, 12.11.19, 12.11.23, 12.11.24, 12.11.25, 12.11.26, 12.11.27, 12.11.28, 12.12.1, 12.12.2, 12.12.3, 12.12.4, 12.12.5, 12.12.6,
	12.12.11, 12.12.13, 12.12.15, 12.12.16, 12.12.17, 12.12.18, 12.12.20, 12.12.26, 12.12.28

Label	Regional Ecosystem (mandatory unless otherwise specified)
706	8.2.1, 8.2.2, 8.2.3, 8.2.4, 8.2.5, 8.2.6, 8.2.7, 8.2.8, 8.2.11, 8.2.12, 8.2.13, 8.2.14, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6, 8.3.8, 8.3.9, 8.3.10, 8.3.11, 8.3.13, 8.5.1,
	8.5.2, 8.5.3, 8.5.5, 8.5.6, 8.8.1, 8.9.1, 8.10.1, 8.11.1, 8.11.2, 8.11.3, 8.11.4, 8.11.5, 8.11.6, 8.11.8, 8.12.1, 8.12.2, 8.12.3, 8.12.4, 8.12.5, 8.12.6, 8.12.7,
	8.12.8, 8.12.9, 8.12.10, 8.12.11, 8.12.12, 8.12.14, 8.12.16, 8.12.17, 8.12.18, 8.12.19, 8.12.20, 8.12.22, 8.12.23, 8.12.25, 8.12.26, 8.12.27, 8.12.28, 8.12.29,
	8.12.30, 8.12.31, 8.12.32, 11.2.1, 11.2.2, 11.2.3, 11.2.5, 11.3.1, 11.3.2, 11.3.3, 11.3.4, 11.3.5, 11.3.6, 11.3.7, 11.3.8, 11.3.9, 11.3.10, 11.3.11, 11.3.12,
	11.3.13, 11.3.14, 11.3.15, 11.3.16, 11.3.17, 11.3.18, 11.3.19, 11.3.20, 11.3.23, 11.3.25, 11.3.26, 11.3.27, 11.3.28, 11.3.29, 11.3.30, 11.3.32, 11.3.33,
	11.3.34, 11.3.35, 11.3.36, 11.3.37, 11.3.38, 11.3.39, 11.3.40, 11.4.1, 11.4.2, 11.4.3, 11.4.5, 11.4.6, 11.4.7, 11.4.8, 11.4.9, 11.4.10, 11.4.12, 11.4.13, 11.5.1,
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	13.12.10, 13.12.11
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	11.11.13, 11.11.14, 11.11.15, 11.11.16, 11.11.18, 11.11.19, 11.11.20, 11.11.21, 11.12.1, 11.12.2, 11.12.3, 11.12.4, 11.12.5, 11.12.6, 11.12.7, 11.12.8,
	11.12.9, 11.12.10, 11.12.11, 11.12.12, 11.12.13, 11.12.14, 11.12.15, 11.12.17, 11.12.19, 11.12.20, 11.12.21, 12.21, 12.22, 12.23, 12.24, 12.25, 12.26
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	128.23.12.8.24.12.8.25.12.8.26.12.9.10.1.12.9.10.2.12.9.10.3.12.9.10.4.12.9.10.5.12.9.10.6.12.9.10.7.12.9.10.8.12.9.10.10.12.9.10.11.
	12.9-10.12, 12.9-10.14, 12.9-10.15, 12.9-10.16, 12.9-10.17, 12.9-10.18, 12.9-10.19, 12.9-10.20, 12.9-10.21, 12.9-10.23, 12.9-10.24, 12.9-10.25,
	129-10.26, 12.9-10.27, 12.9-10.28, 12.9-10.29, 12.11.1, 12.11.2, 12.11.3, 12.11.4, 12.11.5, 12.11.6, 12.11.7, 12.11.8, 12.11.9, 12.11.10, 12.11.11,
	12.11.12, 12.11.13, 12.11.14, 12.11.15, 12.11.16, 12.11.17, 12.11.18, 12.11.19, 12.11.20, 12.11.21, 12.11.22, 12.11.23, 12.11.24, 12.11.25, 12.11.26,
	12.11.27, 12.11.28, 12.12.1, 12.12.2, 12.12.3, 12.12.4, 12.12.5, 12.12.6, 12.12.7, 12.12.8, 12.12.9, 12.12.11, 12.12.12, 12.12.13, 12.12.14, 12.12.15,
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	13.3.5, 13.9.2, 13.11.1, 13.11.2, 13.11.3, 13.11.4, 13.11.5, 13.11.6, 13.11.7, 13.11.8, 13.12.1, 13.12.2, 13.12.3, 13.12.4, 13.12.5, 13.12.8, 13.12.9,
	13.12.10, 13.12.11
1467	12.1.1, 12.2.1, 12.2.2, 12.2.3, 12.2.4, 12.2.5, 12.2.7, 12.2.8, 12.3.1, 12.3.2, 12.3.3, 12.3.4, 12.3.7, 12.3.9, 12.3.10, 12.3.11, 12.3.15, 12.3.16, 12.3.17,
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	12.8.14, 12.8.18, 12.8.21, 12.8.22, 12.8.23, 12.8.24, 12.8.25, 12.8.26, 12.9-10.1, 12.9-10.2, 12.9-10.3, 12.9-10.4, 12.9-10.5, 12.9-10.6, 12.9-10.14,
	12.9-10.16, 12.9-10.17, 12.9-10.18, 12.9-10.19, 12.9-10.20, 12.9-10.21, 12.9-10.23, 12.9-10.24, 12.9-10.25, 12.9-10.26, 12.9-10.29, 12.11.1, 12.11.2,
	12.11.3, 12.11.4, 12.11.5, 12.11.6, 12.11.9, 12.11.10, 12.11.11, 12.11.12, 12.11.13, 12.11.16, 12.11.17, 12.11.18, 12.11.19, 12.11.23, 12.11.24, 12.11.25,
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	12.12.26, 12.12.28
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	12.8.11, 12.8.12, 12.8.13, 12.8.14, 12.8.18, 12.8.21, 12.8.22, 12.8.23, 12.8.24, 12.8.25, 12.8.26, 12.9-10.1, 12.9-10.2, 12.9-10.3, 12.9-10.4, 12.9-10.5,
	12.9-10.6, 12.9-10.14, 12.9-10.16, 12.9-10.17, 12.9-10.18, 12.9-10.19, 12.9-10.20, 12.9-10.21, 12.9-10.23, 12.9-10.24, 12.9-10.25, 12.9-10.26, 12.9-10.29,
	12.11.1, 12.11.2, 12.11.3, 12.11.4, 12.11.5, 12.11.6, 12.11.9, 12.11.10, 12.11.11, 12.11.12, 12.11.13, 12.11.16, 12.11.17, 12.11.18, 12.11.19, 12.11.23,
	12.11.24, 12.11.25, 12.11.26, 12.11.27, 12.11.28, 12.12.1, 12.12.2, 12.12.3, 12.12.4, 12.12.5, 12.12.6, 12.12.11, 12.12.13, 12.12.15, 12.12.16, 12.12.17,
	12.12.18, 12.12.20, 12.12.26, 12.12.28
2014	12.2.1, 12.2.2, 12.2.3, 12.3.1, 12.3.2, 12.5.13, 12.8.3, 12.8.4, 12.8.5, 12.8.6, 12.8.7, 12.8.13, 12.8.18, 12.8.21, 12.8.22, 12.9-10.16, 12.11.1, 12.11.4,
2014	12.21, 12.22, 12.23, 12.31, 12.32, 12.513, 12.83, 12.84, 12.85, 12.86, 12.87, 12.813, 12.818, 12.821, 12.822, 12.9-10.16, 12.11.1, 12.11.4, 12.11.10, 12.11.11, 12.11.12, 12.11.13, 12.12.1, 12.12.13, 12.12.16, 12.12.17, 12.12.18
2014	
	12.11.10, 12.11.11, 12.11.12, 12.11.13, 12.12.1, 12.12.13, 12.12.16, 12.12.17, 12.12.18

Label	Regional Ecosystem (mandatory unless otherwise specified)
11205	12.3.11, 12.8.19, 12.8.20, 12.9-10.17, 12.9-10.19, 12.11.3, 12.11.5, 12.11.6
11212	12.3.2, 12.8.1, 12.8.8, 12.8.14, 12.8.20, 12.9-10.17, 12.11.2, 12.11.3, 12.11.1
11369	12.8.1, 12.8.3, 12.8.5, 12.11.1, 12.11.10, 12.12.16
12191	12.3.1, 12.8.3, 12.11.1, 12.11.3, 12.11.5, 12.11.10
12312	12.8.3, 12.8.8, 12.11.3
12658	12.8.5, 12.12.1, 12.12.15, 12.12.16
17577	12.2.1, 12.8.3, 12.11.10
21789	12.8.3, 12.11.1, 12.11.10, 12.12.1

3.6 Area Management Plan(s)

Nil

3.7 Coastal or non-coastal

For the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP), this property is regarded as*

Coastal

*See also Map 4.3

3.8 Agricultural Land Class A or B

The following can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code:

Does this lot contain land that is mapped as Agricultural Land Class A or B in the State Planning Interactive Mapping System?

No Class A

No Class B

Note - This confirms Agricultural Land Classes as per the State Planning Interactive Mapping System only. This response does not include Agricultural Land Classes identified under local government planning schemes. For further information, check the Planning Scheme for your local government area.

See Map 4.4 to identify the location and extent of Class A and/or Class B Agricultural land on Lot: 101 Plan: SP178435.

4. Vegetation management framework maps

Vegetation management maps included in this report may also be requested individually at: https://www.dnrme.gld.gov.au/gld/environment/land/vegetation/vegetation-map-request-form

Regulated vegetation management map

The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new <u>property maps of assessable vegetation (PMAV).</u>

Vegetation management supporting map

The vegetation management supporting map provides information on regional ecosystems, wetlands, watercourses and essential habitat.

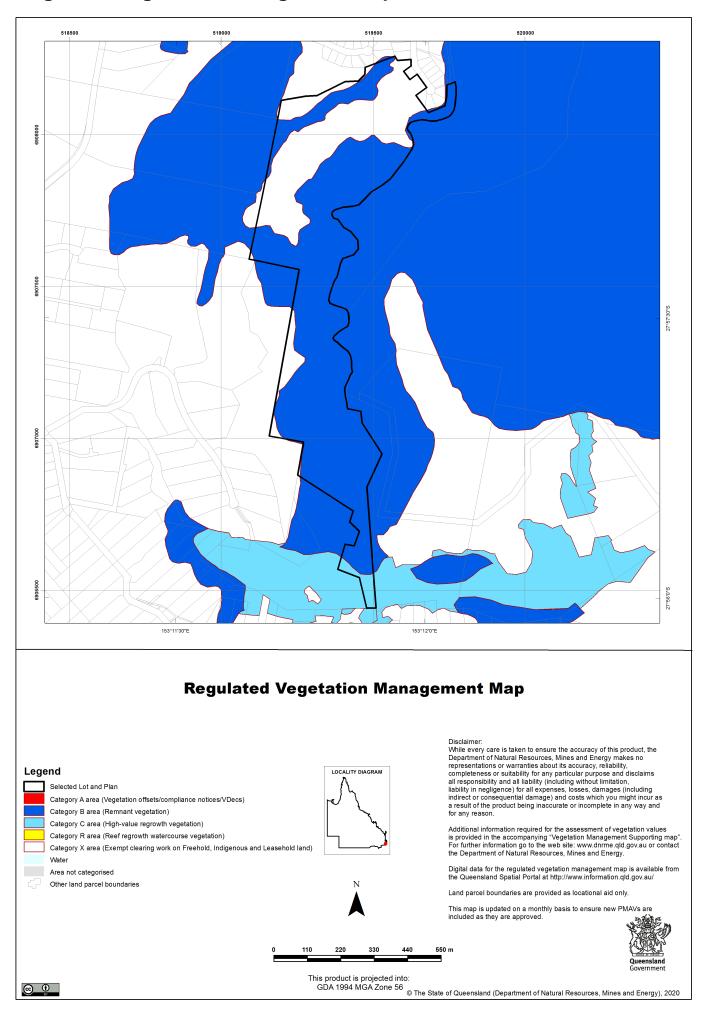
Coastal/non-coastal map

The coastal/non-coastal map confirms whether the lot, or which parts of the lot, are considered coastal or non-coastal for the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP).

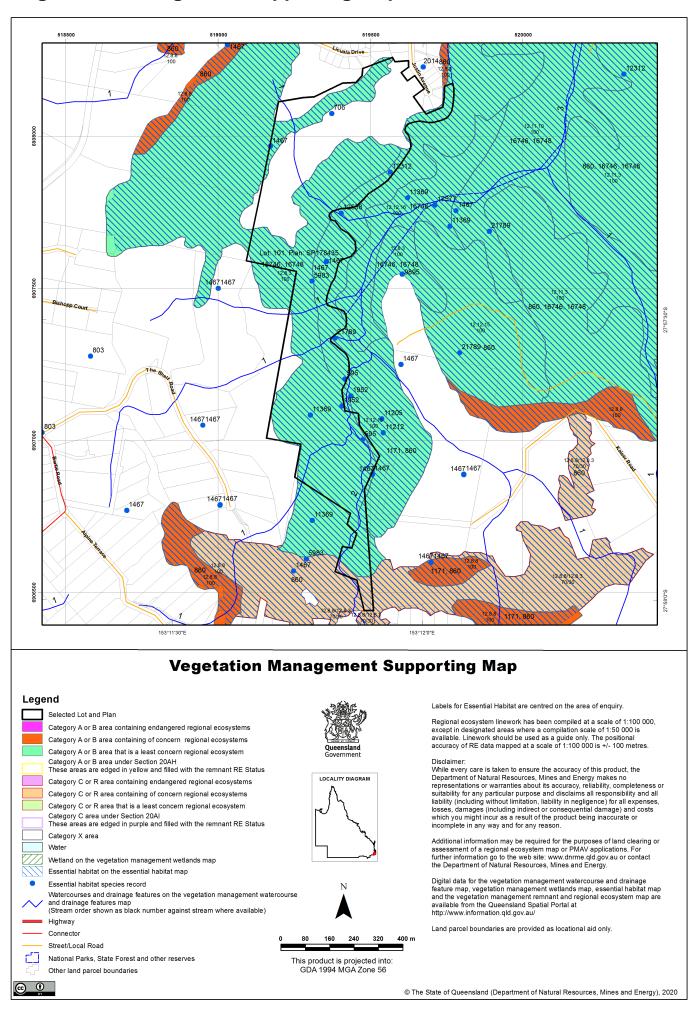
Agricultural Land Class A or B

The Agricultural Land Class map confirms the location and extent of land mapped as Agricultural Land Classes A or B as identified on the State Planning Interactive Mapping System. Please note that this map does not include areas identified as Agricultural Land Class A or B in local government planning schemes. This map can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code.

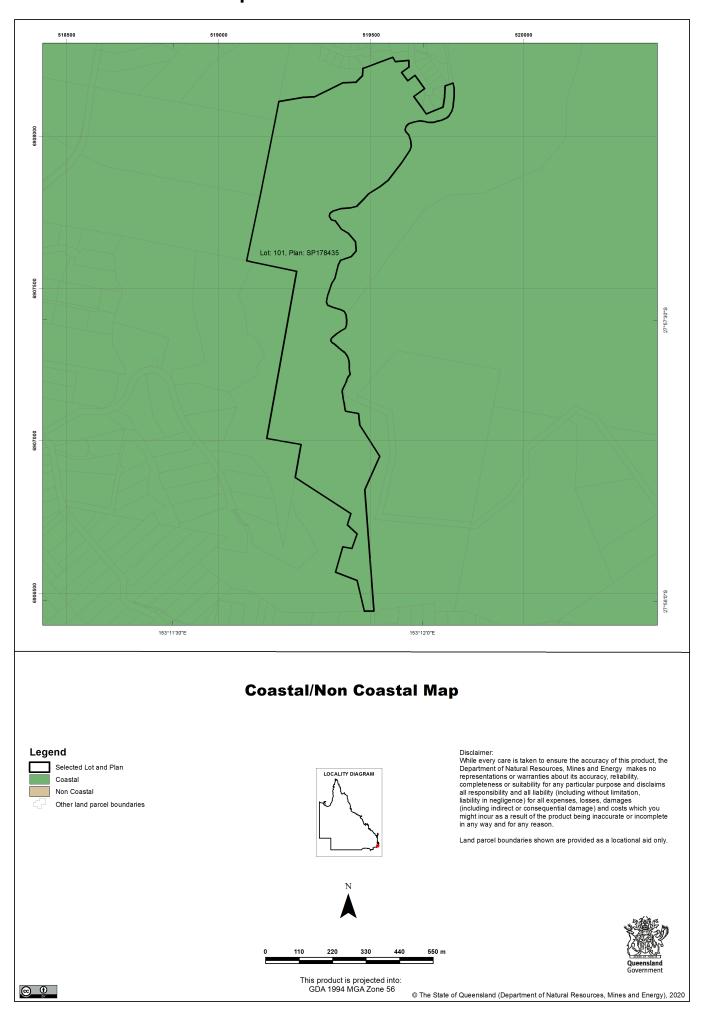
4.1 Regulated vegetation management map



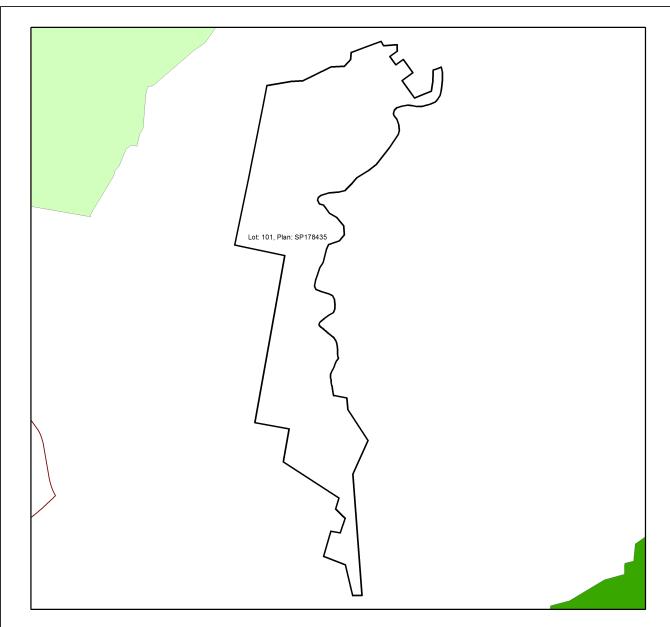
4.2 Vegetation management supporting map

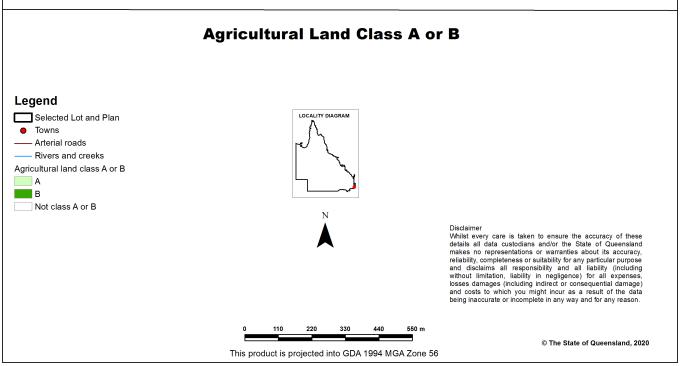


4.3 Coastal/non-coastal map



4.4 Agricultural Land Class A or B map





5. Protected plants framework (administered by the Department of Environment and Science (DES))

In Queensland, all plants that are native to Australia are protected plants under the <u>Nature Conservation Act 1992</u> (NCA). The NCA regulates the clearing of protected plants 'in the wild' (see <u>Operational policy: When a protected plant in Queensland is considered to be 'in the wild'</u>) that are listed as critically endangered, endangered, vulnerable or near threatened under the Act.

Please note that the protected plant clearing framework applies irrespective of the classification of the vegetation under the *Vegetation Management Act 1999* and any approval or exemptions given under another Act, for example, the *Vegetation Management Act 1999* or *Planning Regulation 2017*.

5.1 Clearing in high risk areas on the flora survey trigger map

The flora survey trigger map identifies high-risk areas for endangered, vulnerable or near threatened (EVNT) plants. These are areas where EVNT plants are known to exist or are likely to exist based on the habitat present. The flora survey trigger map for this property is provided in section 5.5.

If you are proposing to clear an area shown as high risk on the flora survey trigger map, a flora survey of the clearing impact area must be undertaken by a suitably qualified person in accordance with the <u>Flora survey guidelines</u>. The main objective of a flora survey is to locate any EVNT plants that may be present in the clearing impact area.

If the flora survey identifies that EVNT plants are not present within the clearing impact area or clearing within 100m of EVNT plants can be avoided, the clearing activity is exempt from a permit. An <u>exempt clearing notification form</u> must be submitted to the Department of Environment and Science, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that EVNT plants are present in, or within 100m of, the area to be cleared, a clearing permit is required before any clearing is undertaken. The flora survey report, as well as an impact management report, must be submitted with the <u>application form clearing permit</u>.

5.2 Clearing outside high risk areas on the flora survey trigger map

In an area other than a high risk area, a clearing permit is only required where a person is, or becomes aware that EVNT plants are present in, or within 100m of, the area to be cleared. You must keep a copy of the flora survey trigger map for the area subject to clearing for five years from the day the clearing starts. If you do not clear within the 12 month period that the flora survey trigger map was printed, you need to print and check a new flora survey trigger map.

5.3 Exemptions

Many activities are 'exempt' under the protected plant clearing framework, which means that clearing of native plants that are in the wild can be undertaken for these activities with no need for a flora survey or a protected plant clearing permit. The Information sheet - General exemptions for the take of protected plants provides some of these exemptions.

Some exemptions under the NCA are the same as exempt clearing work (formerly known as exemptions) under the Vegetation Management Act 1999 (i.e. listed in Schedule 21 of the Planning Regulations 2017) while some are different.

5.4 Contact information for DES

For further information on the protected plants framework:

Phone 1300 130 372 (and select option four)

Email palm@des.qld.gov.au

Visit https://www.qld.gov.au/environment/plants-animals/plants/protected-plants

5.5 Protected plants flora survey trigger map

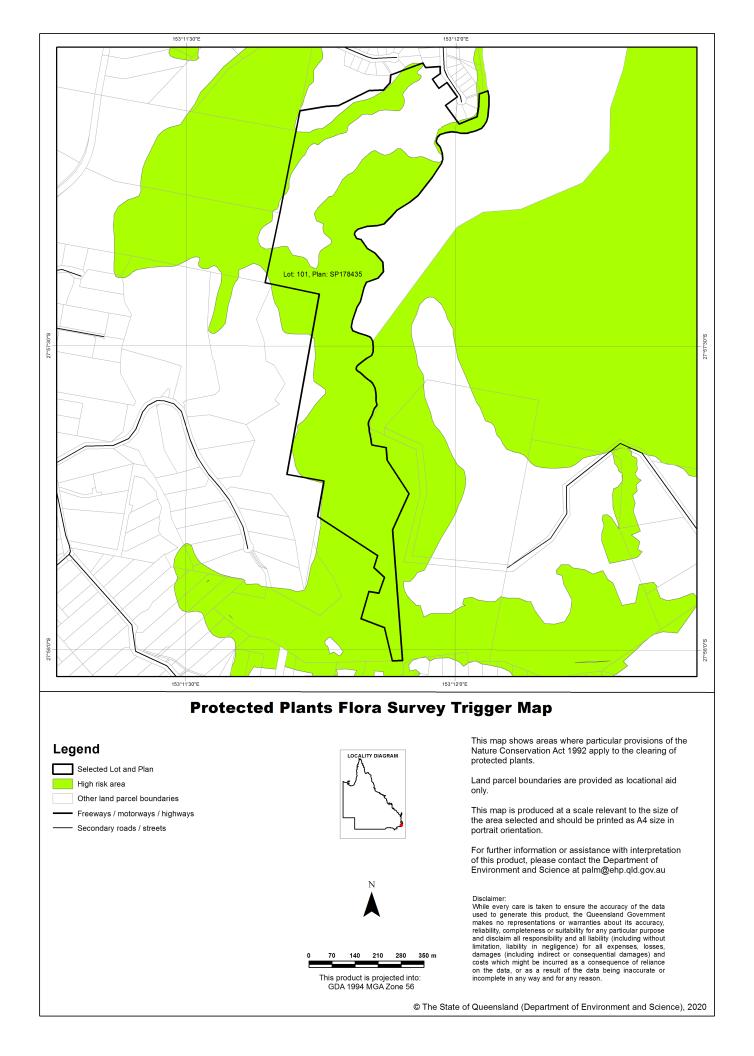
This map included may also be requested individually at: https://apps.des.gld.gov.au/map-request/flora-survey-trigger/.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the <u>Queensland Spatial Catalogue</u>, the Department of Environment and Science does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment and Science webpage on the <u>clearing of protected plants</u> for more information.



6. Koala protection framework (administered by the Department of Environment and Science (DES))

The koala (*Phascolarctos cinereus*) is listed in Queensland as vulnerable by the Queensland Government under *Nature Conservation Act 1992* and by the Australian Government under the *Environment Protection and Biodiversity Conservation Act 1999*.

The Queensland Government's koala protection framework is comprised of the *Nature Conservation Act 1992*, the Nature Conservation (Wildlife) Regulation 2006, the Nature Conservation (Wildlife Management) Regulation 2006, the Nature Conservation (Koala) Conservation Plan 2017, the *Planning Act 2016* and the Planning Regulation 2017.

6.1 Koala mapping

6.1.1 Koala districts

The parts of Queensland where koalas are known to occur has been divided into three koala districts - koala district A, koala district B and koala district C. Each koala district is made up of areas with comparable koala populations (e.g. density, extent and significance of threatening processes affecting the population) which require similar management regimes.

Section 7.1 identifies which koala district your property is located in.

6.1.2 Koala habitat areas

Koala habitat areas are areas of vegetation that have been determined to contain koala habitat that is essential for the conservation of a viable koala population in the wild based on the combination of habitat suitability and biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water). In order to protect this important koala habitat, clearing controls have been introduced into the Planning Regulation 2017 for development in koala habitat areas.

Please note that koala habitat areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

There are two different categories of koala habitat area (core koala habitat area and locally refined koala habitat), which have been determined using two different methodologies. These methodologies are described in the document Spatial modelling in South East Queensland.

Section 7.2 shows any koala habitat area that exists on your property.

Under the Nature Conservation (Koala) Conservation Plan 2017, an owner of land (or a person acting on the owner's behalf with written consent) can request to make, amend or revoke a koala habitat area determination if they believe, on reasonable grounds, that the existing determination for all or part of their property is incorrect.

More information on requests to make, amend or revoke a koala habitat area determination can be found in the document Guideline - Requests to make, amend or revoke a koala habitat area determination.

The koala habitat area map will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

Changes to the koala habitat area map which occur between annual updates because of a request to make, amend or revoke a koala habitat area determination can be viewed on the register of approved requests to make, amend or revoke a koala habitat area available at: https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/koalamaps. The register includes the lot on plan for the change, the date the decision was made and the map issued to the landholder that shows areas determined to be koala habitat areas.

6.1.3 Koala priority areas

Koala priority areas are large, connected areas that have been determined to have the highest likelihood of achieving conservation outcomes for koalas based on the combination of habitat suitability, biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water) and a koala conservation cost benefit analysis.

Conservation efforts will be prioritised in these areas to ensure the conservation of viable koala populations in the wild including a focus on management (e.g. habitat protection, habitat restoration and threat mitigation) and monitoring. This includes a prohibition on clearing in koala habitat areas that are in koala priority areas under the Planning Regulation 2017 (subject to some exemptions).

Please note that koala priority areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley,

Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

Section 7.2 identifies if your property is in a koala priority area.

6.1.4 Identified koala broad-hectare areas

There are seven identified koala broad-hectare areas in SEQ. These are areas of koala habitat that are located in areas committed to meet development targets in the SEQ Regional Plan to accommodate SEQ's growing population including bring-forward Greenfield sites under the Queensland Housing Affordability Strategy and declared master planned areas under the repealed *Sustainable Planning Act 2009* and the repealed *Integrated Planning Act 1997*.

Specific assessment benchmarks apply to development applications for development proposed in identified koala broad-hectare areas to ensure koala conservation measures are incorporated into the proposed development.

Section 7.2 identifies if your property is in an identified koala broad-hectare area.

6.2 Koala habitat planning controls

On 7 February 2020, the Queensland Government introduced new planning controls to the Planning Regulation 2017 to strengthen the protection of koala habitat in South East Queensland (i.e. koala district A).

More information on these planning controls can be found here: https://environment.des.gld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

As a high-level summary, the koala habitat planning controls make:

- development that involves interfering with koala habitat (defined below) in an area that is both a koala priority area and a koala habitat area, prohibited development (i.e. development for which a development application cannot be made);
- development that involves interfering with koala habitat (defined below) in an area that is a koala habitat area but is not a koala priority area, assessable development (i.e. development for which development approval is required); and
- development that is for extractive industries where the development involves interfering with koala habitat (defined below) in an area that is both a koala habitat area and a key resource area, assessable development (i.e. development for which development approval is required).

Interfering with koala habitat means:

- 1) Removing, cutting down, ringbarking, pushing over, poisoning or destroying in anyway, including by burning, flooding or draining native vegetation in a koala habitat area; but
- 2) Does not include destroying standing vegetation stock or lopping a tree.

However, these planning controls do not apply if the development is exempted development as defined in Schedule 24 of the <u>Planning Regulation 2017</u>. More information on exempted development can be found here: https://environment.des.gld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

There are also assessment benchmarks that apply to development applications for:

- building works, operational works, material change of use or reconfiguration of a lot where:
 - the local government planning scheme makes the development assessable;
 - the premises includes an area that is both a koala priority area and a koala habitat area; and
 - the development does not involve interfering with koala habitat (defined above); and
- development in identified koala broad-hectare areas.

The <u>Guideline - Assessment Benchmarks in relation to Koala Habitat in South East Queensland assessment benchmarks</u> outlines these assessment benchmarks, the intent of these assessment benchmarks and advice on how proposed development may meet these assessment benchmarks.

6.3 Koala Conservation Plan clearing requirements

Section 10 and 11 of the <u>Nature Conservation (Koala) Conservation Plan 2017</u> prescribes requirements that must be met when clearing koala habitat in koala district A and koala district B.

These clearing requirements are independent to the koala habitat planning controls introduced into the Planning Regulation 2017, which means they must be complied with irrespective of any approvals or exemptions offered under other legislation.

Unlike the clearing controls prescribed in the Planning Regulation 2017 that are to protect koala habitat, the clearing requirements prescribed in the Nature Conservation (Koala) Conservation Plan 2017 are in place to prevent the injury or death of koalas when koala habitat is being cleared.

6.4 Contact information for DES

For further information on the koala protection framework:

Phone 13 QGOV (13 74 68)

Email koala.assessment@des.gld.gov.au

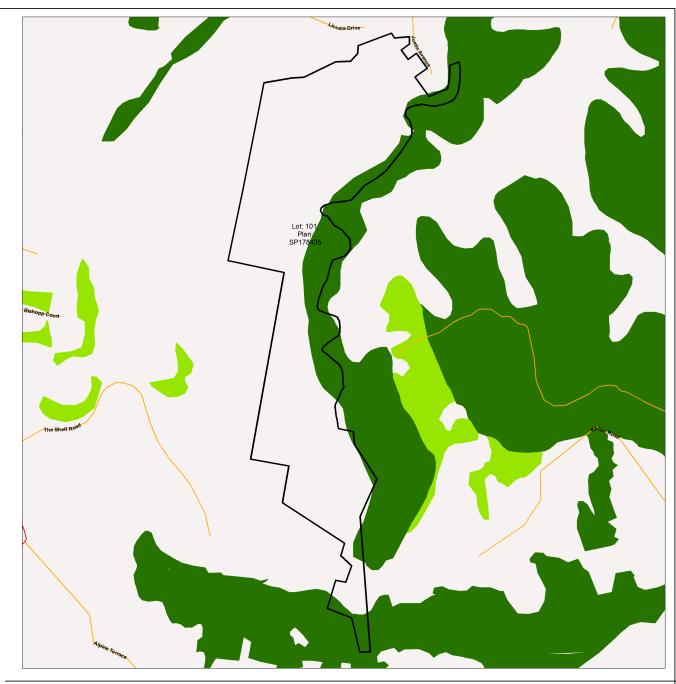
Visit https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping

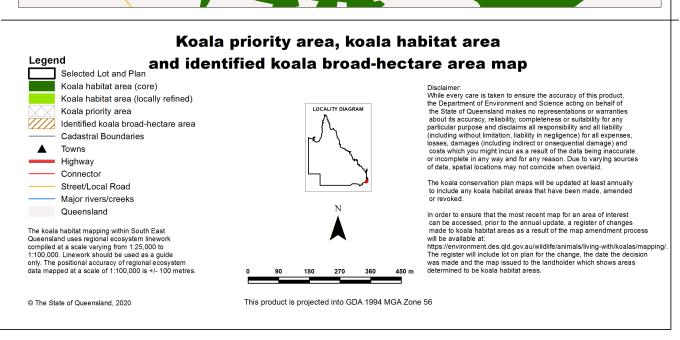
7. Koala protection framework details for Lot: 101 Plan: SP178435

7.1 Koala districts

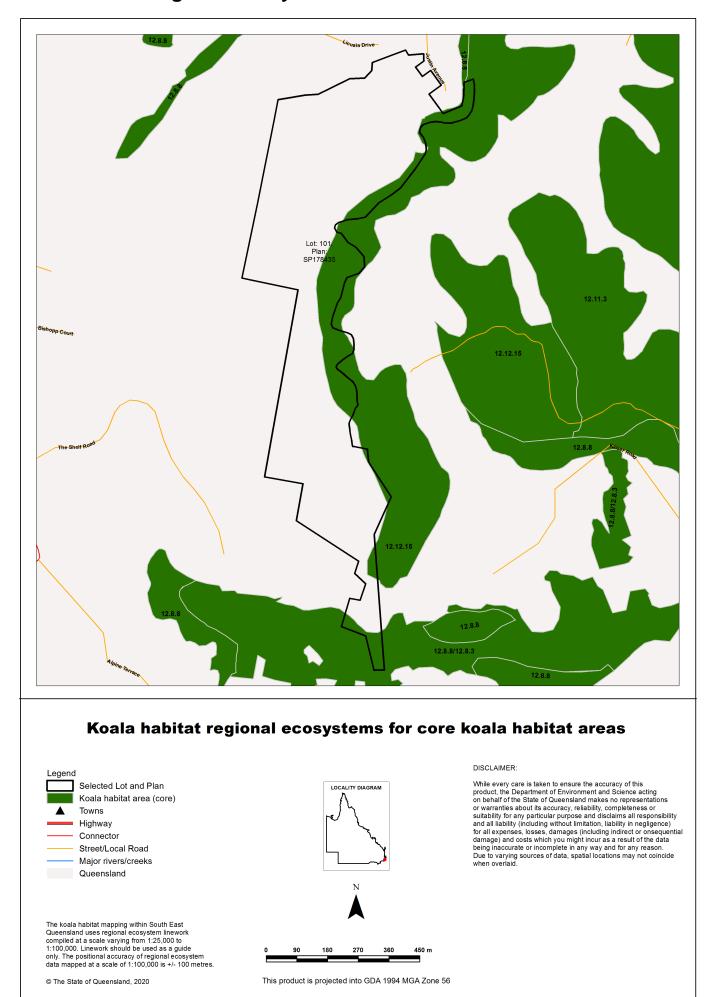
Koala District A

7.2 Koala priority area, koala habitat area and identified koala broad-hectare area map





7.3 Koala habitat regional ecosystems for core koala habitat areas



8. Other relevant legislation contacts list

Activity	Legislation	Agency	Contact details
Interference with overland flow Earthworks, significant disturbance	Water Act 2000 Soil Conservation Act 1986	Department of Natural Resources, Mines and Energy (Queensland Government)	Ph: 13 QGOV (13 74 68) www.dnrme.qld.gov.au
Indigenous Cultural Heritage	Aboriginal Cultural Heritage Act 2003 Torres Strait Islander Cultural Heritage Act 2003	Department of Aboriginal and Torres Strait Islander Partnerships (Queensland Government)	Ph: 13 QGOV (13 74 68) www.datsip.qld.gov.au
Mining and environmentally relevant activities Infrastructure development (coastal) Heritage issues Protected areas	Environmental Protection Act 1994 Coastal Protection and Management Act 1995 Queensland Heritage Act 1992 Nature Conservation Act 1992	Department of Environment and Science (Queensland Government)	Ph: 13 QGOV (13 74 68) www.des.qld.gov.au
 Interference with fish passage in a watercourse, mangroves Forestry activities on State land tenures 	Fisheries Act 1994 Forestry Act 1959	Department of Agriculture and Fisheries (Queensland Government)	Ph: 13 QGOV (13 74 68) www.daf.qld.gov.au
Matters of National Environmental Significance including listed threatened species and ecological communities	Environment Protection and Biodiversity Conservation Act 1999	Department of the Environment (Australian Government)	Ph: 1800 803 772 www.environment.gov.au
Development and planning processes	Planning Act 2016 State Development and Public Works Organisation Act 1971	Queensland Treasury Department of State Development, Tourism and Innovation (Queensland Government)	Ph: 13 QGOV (13 74 68) www.dsdmip.qld.gov.au www.statedevelopment.qld.gov.au
Local government requirements	Local Government Act 2009 Planning Act 2016	Department of Local Government, Racing and Multicultural Affairs (Queensland Government)	Ph: 13 QGOV (13 74 68) Your relevant local government office

43 Justin Avenue Overlays from Qld Globe

Koala Habitat Areas

Koala Habitat Restoration Area

Koala District

Regional Ecosystem

Biodiversity Planning Assessment

Regulated vegetation management

Watercourse

MSES vegetation and habitat

MSES wildlife habitat (SEQ koala habitat - core)

MSES wildlife habitat (special least concern animal)

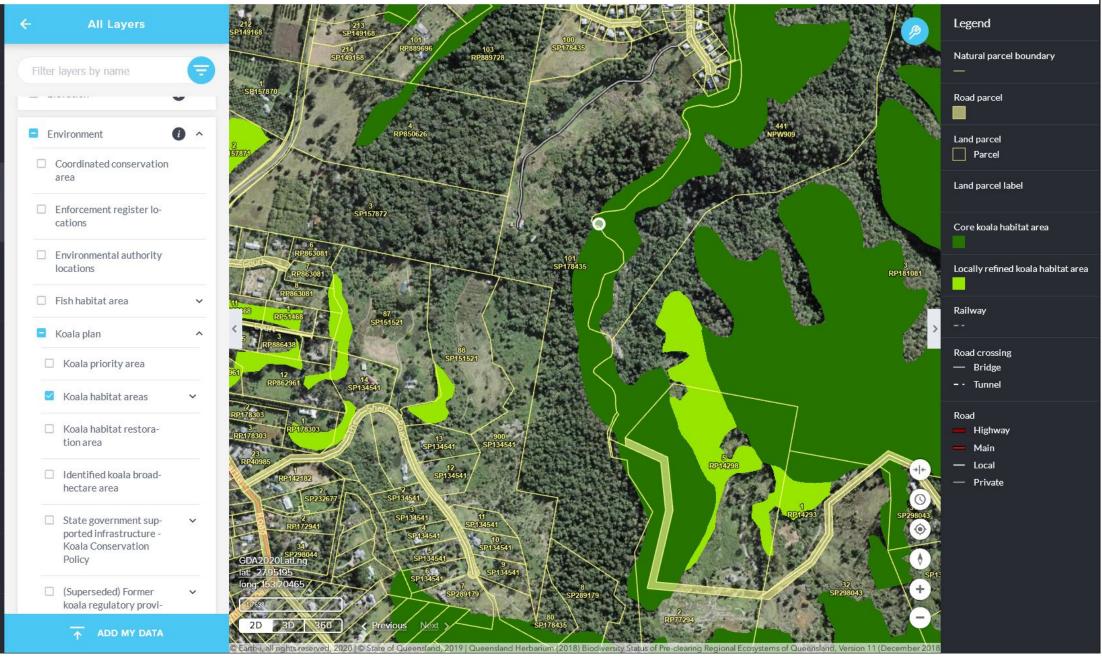
MSES wildlife habitat (endangered or vulnerable)

(MSES matters of state environmental significance)

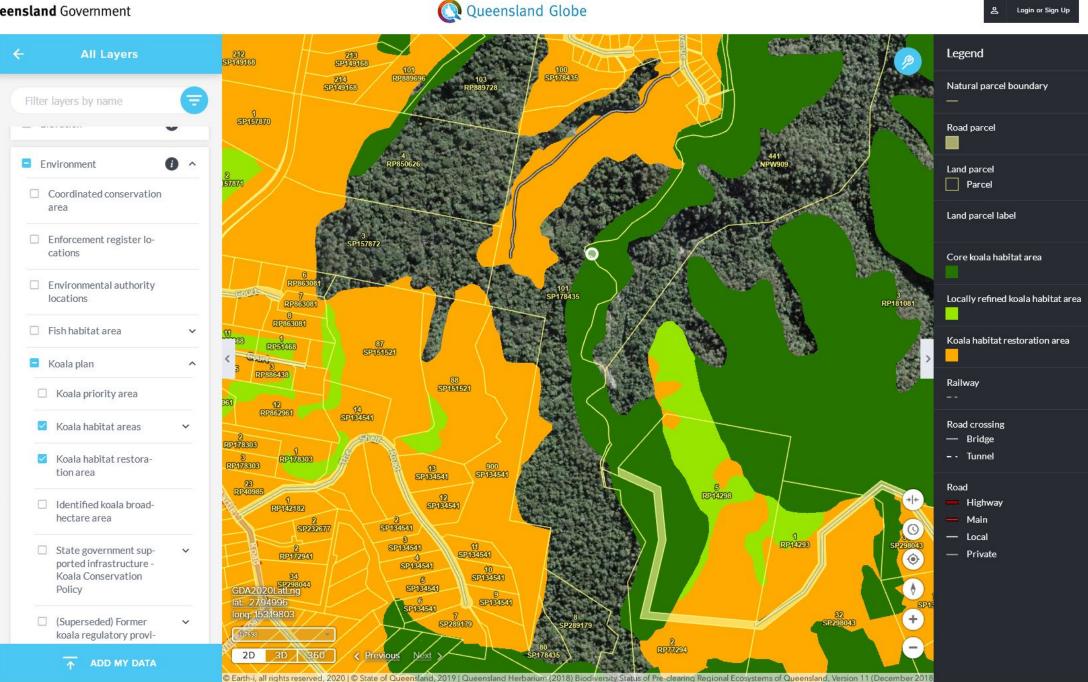
Koala Habitat Areas







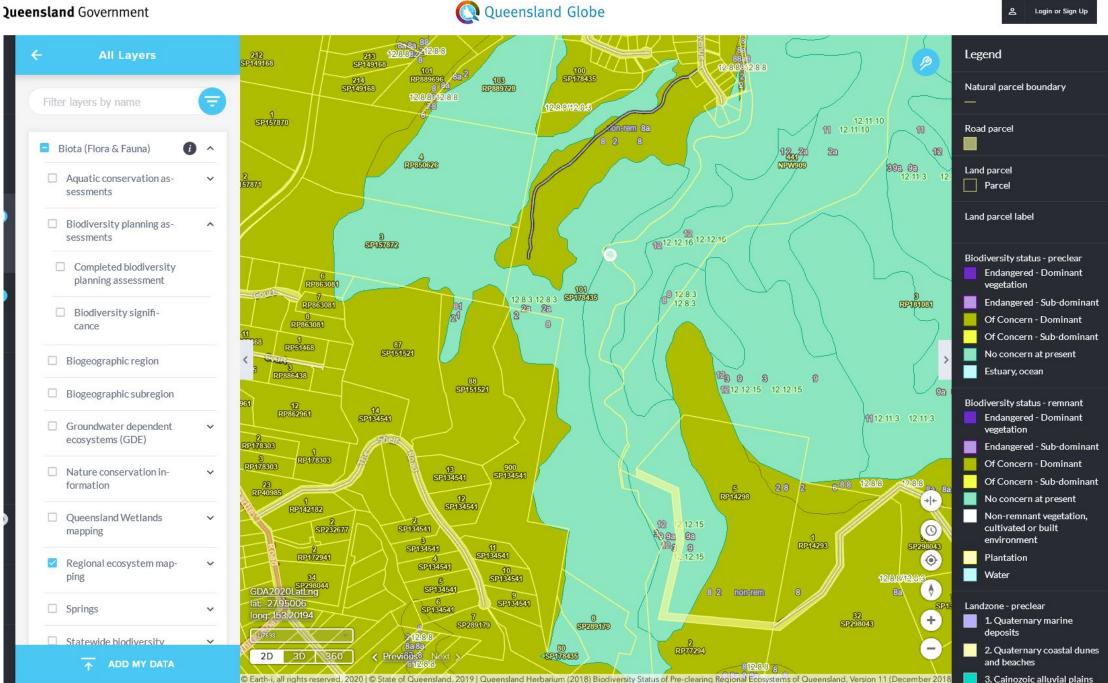
Koala Habitat Restoration Area



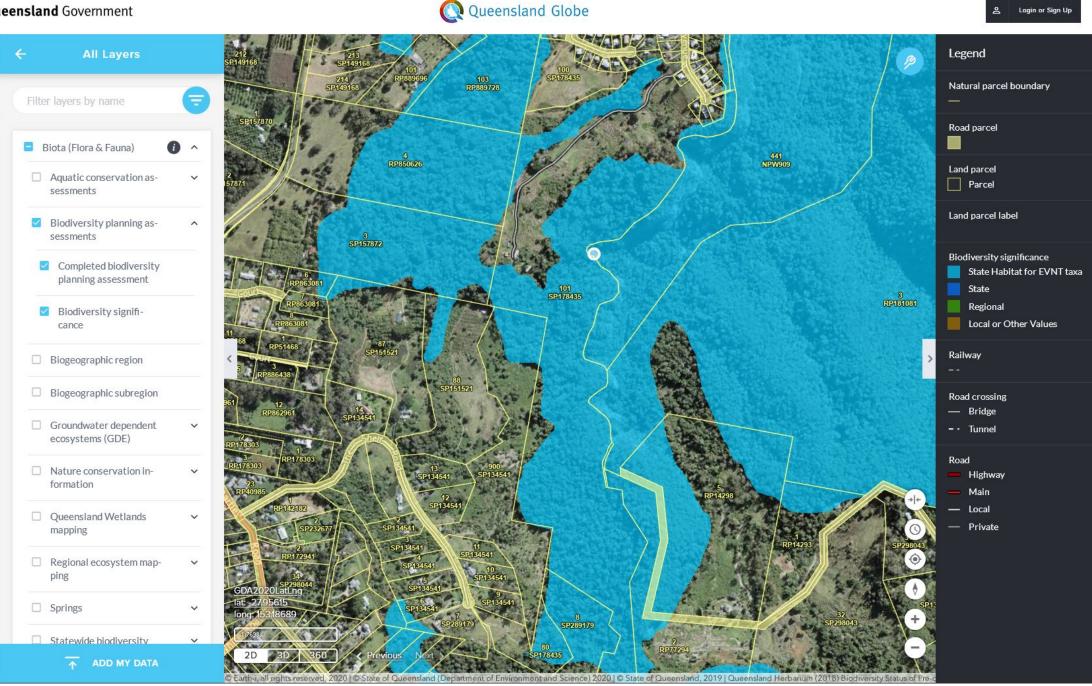
Koala District



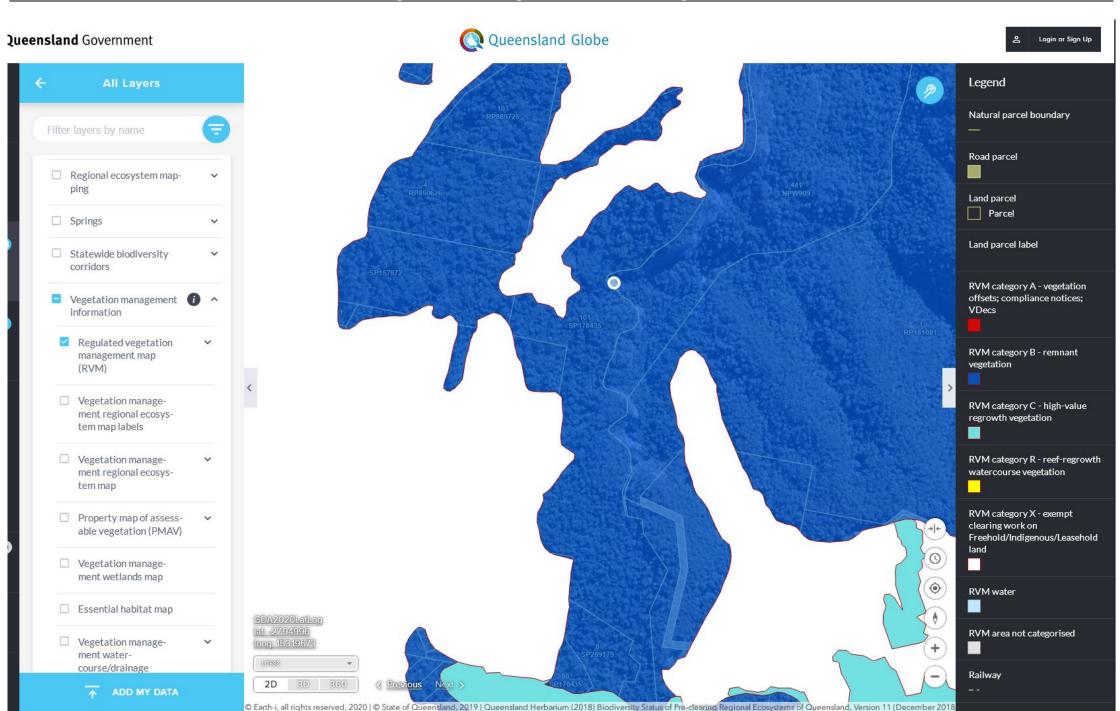
Regional Ecosystem



Biodiversity Planning Assessment

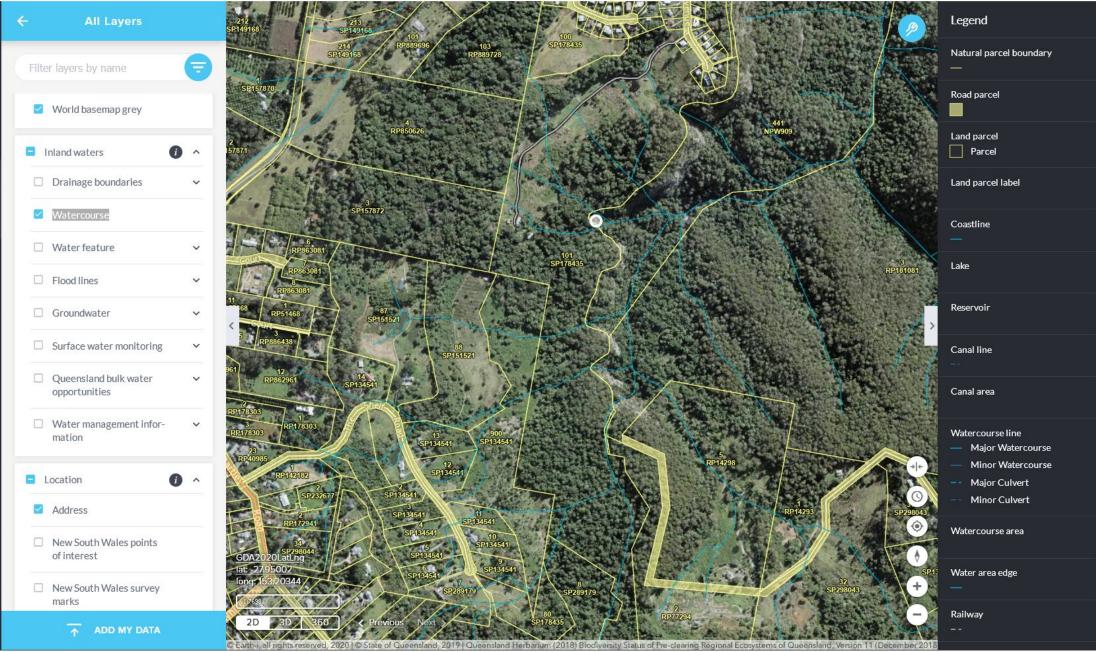


Regulated Vegetation Management



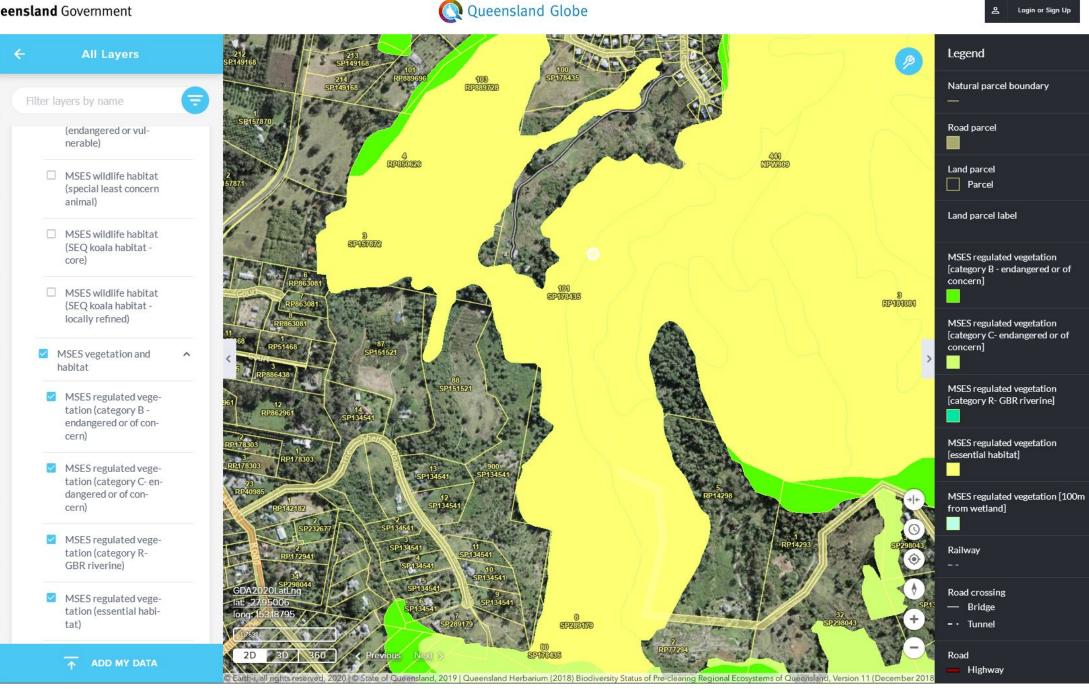
Watercourses





MSES vegetation and habitat

Login or Sign Up

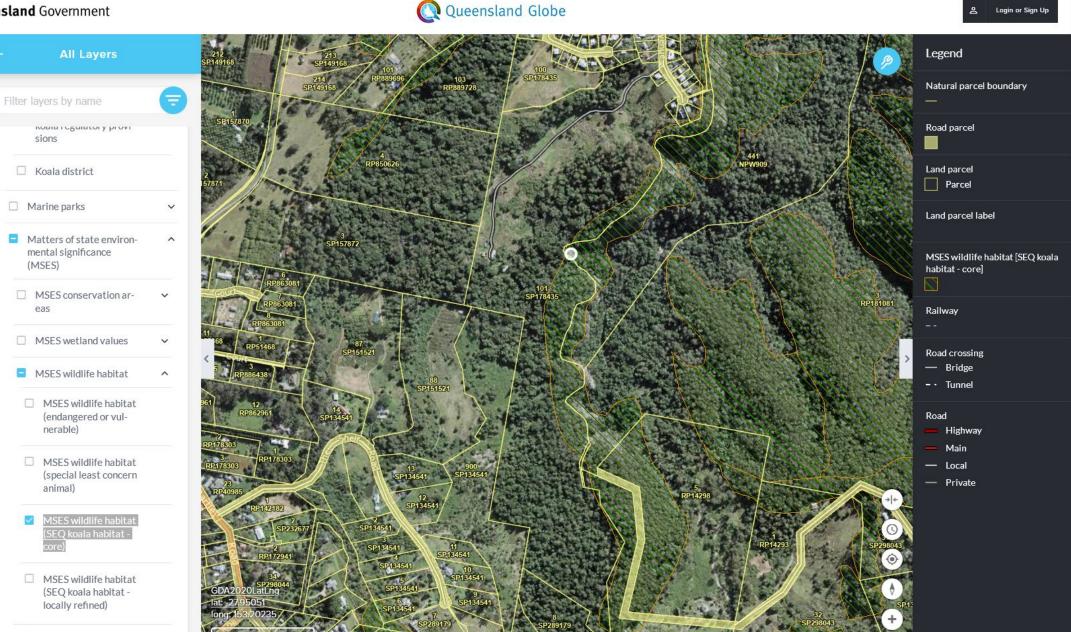


MSES wildlife habitat (SEQ koala habitat - core)

Queensland Government

MSES vegetation and

ADD MY DATA



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MSES wildlife habitat (special least concern animal)

Queensland Government

Filter layers by name

sions

Koala district

Marine parks

(MSES)

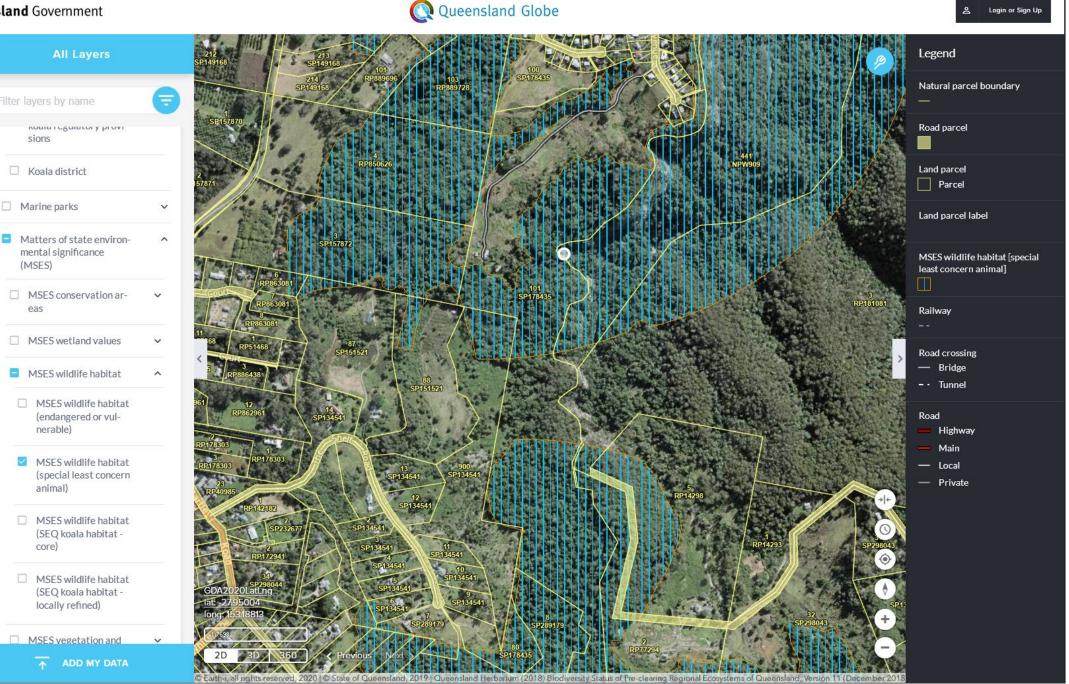
eas

nerable)

animal)

core)

locally refined)



Login or Sign Up

MSES wildlife habitat (endangered or vulnerable)

Login or Sign Up

