Ecological Assessment Report

104-108 Murray Road, Tanah Merah

Prepared for Ryjayd Pty Ltd

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Acronyms and Glossary

Terms	Definitions
ALA	Atlas of Living Australia
CEEVNT	Refers to taxa listed as Critically Endangered, Endangered, Vulnerable or Near Threatened under Commonwealth and/or State legislation
DETSI	Department of Environment, Tourism, Science and Innovation (QLD)
DNRMMRD	Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (QLD)
DCCEEW	Department of Climate Change, Energy, the Environment and Water (Cwth)
DSDIP	Department of State Development, Infrastructure and Planning (QLD)
EPBC Act	*Environment Protection and Biodiversity Conservation Act 1999* (Cwth)
GTRE	Ground-truthed Regional Ecosystem
MNES	Matters of National Environmental Significance
MSES	Matters of State Environmental Significance
NC Act	*Nature Conservation Act 1992* (Qld)
Proposed development	The overall action being undertaken includes development activities, services, access tracks and associated infrastructure. It covers the entire range of work and activities necessary to achieve the Project's goals.
Project Area	The geographical boundary within which the Project is located. This includes the specific properties and lots upon which the Project is being carried out.
RE	Regional Ecosystem
PMST	Protected Matters Search Tool
SARA	State Assessment and Referral Agency
SDAP	State Development Assessment Provisions
SPRAT	Species Profile and Threats Database
TEC	Threatened Ecological Community
VM Act	*Vegetation Management Act 1999* (Qld)

Terms	Definitions
WoNS	Weeds of National Significance

1. Introduction

Green Tape Solutions was engaged by Ryjayd Pty Ltd to undertake an ecological assessment of a property located at 104-108 Murrays Road, Tanah Merah, comprising Lot 2 RP109991 (also referred to as 'the Project Area'). The report has been prepared in support of a residential subdivision development (the 'proposed development') application for the Project Area.

This report identifies the ecological values within or associated with the Project Area, the potential presence of threatened species listed under Commonwealth, State and local legislation, fauna and flora habitat and landscape connectivity values. This report also assesses potential impacts associated with the proposed development and, where required, provides mitigation measures to ensure that the proposal complies with relevant environmental legislation.

1.1 Project Area Description

Table 1 provides the property details of the Project Area. **Figure 1** depicts the location of the Project Area.

Table 1: Property Information

Address	104-108 Murrays Road, Tanah Merah
Lot / Plan	Lot 2 RP109991
Total lot area ($m^{2)}$	13,640 m^2 (1.36 ha)
SEQ Regional Plan land use category	Urban Footprint
Local Government Area (LGA)	Logan City Council
Local Planning Scheme (LPS) Zone	Low Density Residential
LPS Precinct Neighbourhood Plan	Small Acreage
LPS Neighbourhood Plan/Local Plan	Not applicable

The Project Area comprises a vacant allotment with frontage to Murrays Road at Tanah Merah. The southern portion of the site has been historically cleared and is now dominated by exotic grasses and other weed species, while the northern portion supports remnant eucalypt woodland associated with a drainage gully and adjoining vegetated land. Surrounding land uses are predominantly residential to the east, north-east and south-east, with a more open rural-residential or farming land use to the south and council-managed bushland to the north. This pattern of land use places the site at the interface between an urban landscape and a broader remnant vegetation network

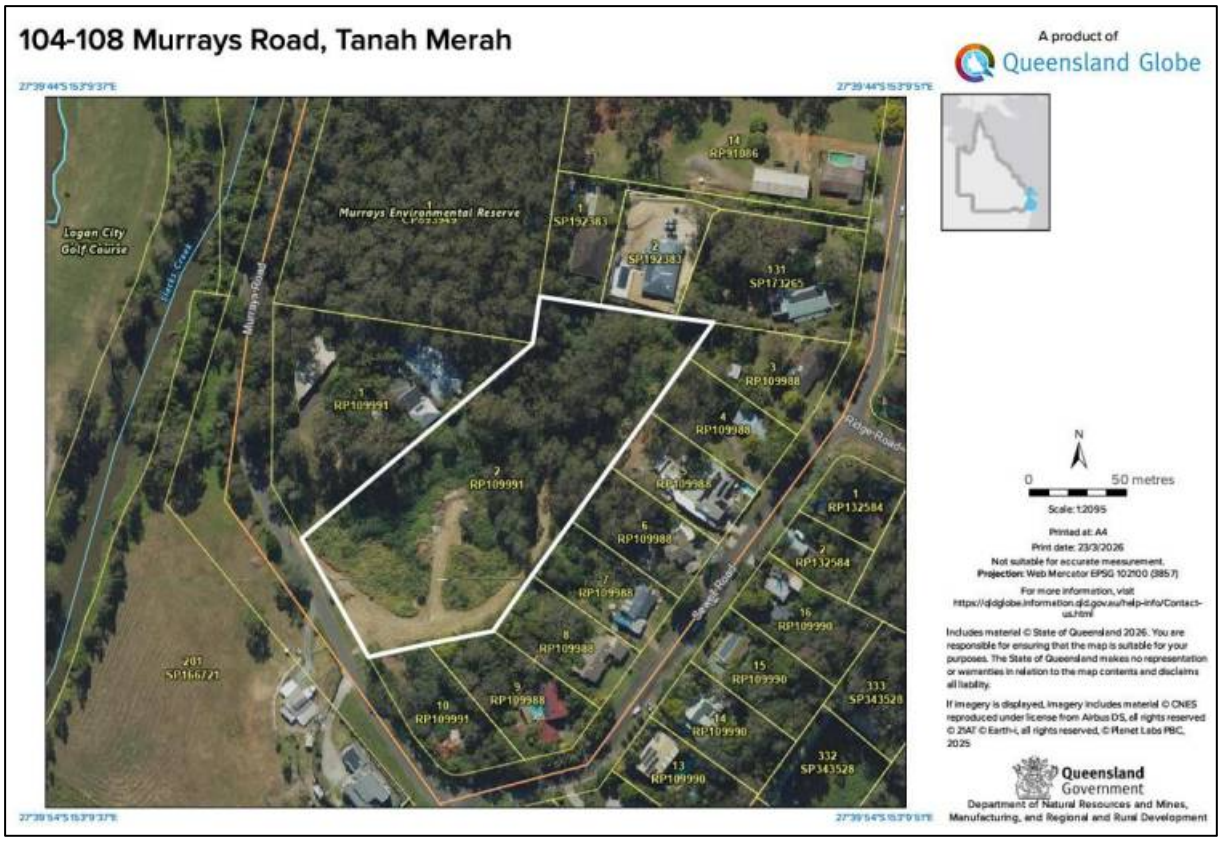


Figure 1: Project Area Location (Source: Queensland Globe)

1.2 Proposed Development

The proposed development comprises a Reconfiguration of a Lot to create nine residential lots, together with associated access, stormwater drainage infrastructure, a swale and a bioretention basin. The development has generally been concentrated within the more disturbed southern portion of the site in order to reduce ecological impacts where practicable. Vegetation within the north-eastern portion of the site is proposed to be retained as part of an environmental retention area. Notwithstanding this design response, some removal of native vegetation and associated fauna habitat is proposed and is assessed in this report.

The proposed layout for the development is provided in **Appendix 1.**

1.3 Scope of Works

The scope of work for this report includes the following:

- A detailed desktop assessment, including a review of relevant background, database and mapping information to identify applicable Local, State and Commonwealth government overlays/mapping triggers and potential constraints and development opportunities for the Project Area.
- A field assessment to determine the extent and structural integrity of vegetation communities (including the presence of weed species) and fauna habitat values, as well as to identify and assess ecologically significant areas and features.
- Assessment of the Project Area's conservation values with respect to its position within the local

and broader landscape, including corridor linkages and riparian areas.

- A description of the ecological values (field survey results) of the Project Area and confirmation of the likelihood of occurrence of flora and fauna species and vegetation communities protected under Local, State and Commonwealth legislation.
- Identification of statutory considerations relevant to ecological aspects of the proposed development and assessment of the proposed development against the relevant Local and State legislation (including State development codes and local planning scheme provisions), with recommendations on how to meet the environmental overlay codes and protect environmental values.
- Evaluation of ecological constraints on the Project Area and impacts and provision of management measures to mitigate such impacts.
- Preparation of maps relevant to the report, including vegetation communities and vegetation clearing maps.

2 Methodology

2.1 Qualification

This document was prepared by a qualified ecologist with at least five years of experience. It has also reviewed by a senior ecologist with over ten years of experience.

The authors of this report meet the suitably qualified criteria as they:

- Possess knowledge and experience in applying relevant legislation, plans, policies, standards and guidelines relating to threatened species outlined in this report;
- Have knowledge and experience in botanical survey methods, fauna ecology and GIS analysis;
- Have at least five years' experience in undertaking ecological surveys and assessments and preparing ecological and offset management plans, including experience in undertaking the fine-scale assessment of vegetation communities and other related technical guides; and
- Qualifications and experience in the field of ecology, environmental management (or similar) to assess and protect Project Area-based and strategic biodiversity values relating to Queensland.

2.2 Desktop Assessment

A comprehensive desktop assessment was undertaken to review relevant environmental databases, technical reports, maps and legislation (Commonwealth, State, and Local) in order to identify potential ecological values within and surrounding the Project Area. The results of the desktop assessment were used to inform the design and methodology of the field survey.

Searches undertaken as part of the desktop assessment were based on the Project Area's central coordinates with a standard 2 km buffer or by lot and plan. The following resources were reviewed:

- *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) Protected Matters Search Tool (PMST), Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW), accessed 23rd March 2026 **(Appendix 2).**
- Department of Environment, Tourism, Science and Innovation (DETSI) WildNet database (Wildlife Online) records, accessed 23rd March 2026 **(Appendix 3)**;
- Department of Resources (DOR) Vegetation Management Report, accessed 23rd March 2026 **(Appendix 4),** which includes the following:
    - Regulated vegetation management (RVM) map;
    - Vegetation management supporting map (VM Act Regional Ecosystems), including Essential Habitat;
    - Vegetation management pre-clear regional ecosystem map;
    - Vegetation management watercourse and drainage features map;
    - Protected plants flora survey trigger map (administered by DETSI) and
    - Koala priority area (KPA) and Koala habitat area (KHA) (SEQ Koala Conservation Plan Map; administered by DETSI).

- Watercourse Identification Map under the *Water Act 2000*, accessed 23rd March 2026 via Queensland Globe;
- DETSI Biomaps online mapping portal (DETSI, 2020);
- Atlas of Living Australia (ALA) species search, accessed 23rd March 2026 (ALA, 2014);
- Logan Planning Scheme 2015 overlay maps, accessed 23rd March 2026 **(Appendix 5);** and
- Aerial imagery (Queensland Globe / Google Earth Pro / Metromaps).

2.3 Field Survey

A field assessment was undertaken on 30th March 2026 by an ecologist with extensive experience in conducting fauna surveys, wildlife ecology, and environmental management.

The field assessment involved the following:

- Validation of desktop findings;
- Verifying the floristic structure and composition of vegetation communities present;
- Describing the fauna habitat present and recording any incidental fauna sightings;
- Searching for potentially occurring significant species (and associated habitat) as listed under the EPBC Act and/or *Nature Conservation Act 1992* (NC Act);
- Identifying weed species and documenting vegetation disturbance;
- Assessment of the ecological values of the Project Area with respect to the mapped environmental values of the Project Area.

2.3.1 Flora Species Survey

General baseline botanical surveys were conducted to describe the vegetation communities, dominant flora species, and their extent. Fauna habitat values and opportunistic sightings of fauna were also recorded. These surveys were carried out in accordance with quaternary survey methods described in Neldner et al. (Version 5.1), ensuring the scientific rigour of the assessment. (2019) by compiling a species inventory and assigning relative dominance of each flora species within the dominant structural layer.

Threatened species searches were undertaken using the random meander technique described by Cropper (1993), which involved traversing areas of suitable habitat in a non-standardised manner. Where identified, samples from each threatened flora species were sent to the Queensland Herbarium to confirm identification.

2.3.2 Fauna Species and Habitat Survey

Fauna and habitat values were assessed while conducting the vegetation survey. The following characteristics were observed to determine fauna likely to be present on-site based on the type and quality of habitat present:

- Confirmation of habitat units and habitat structure, including an analysis of habitat quality;

- Presence of Koala food and habitat trees;
- Presence of hollow-bearing trees, their form and size;
- Presence of scratches on tree trunks and scats of wildlife;
- Presence of hollow logs/debris and areas of dense leaf litter cover;
- Level of disturbance (e.g. weed, litter); and,
- Habitat connectivity within the network.

No targeted acoustic surveys or fauna trapping were undertaken as part of this assessment.

2.3.3 Survey Limitations

The ability to detect plants and accurately identify them to species level can vary greatly with season, prevailing climatic conditions and the presence of reproductive material (e.g. flowers, fruit and seed capsules). The survey undertaken as part of this assessment only represents a 'snapshot' in time and, therefore, may not provide a true indication of plant presence in the Project Area. For example, some cryptic flora species may only be detected during flowering periods that were not present during the current survey. Hence, this survey should not be regarded as conclusive evidence that certain protected plants do not occur in the Project Area. However, every effort has been made to detect these species in their preferred habitat areas.

Tree locations depicted in this report have been surveyed with survey-grade equipment (Arrow 100 Submetre GNSS receiver); however, Green Tape Solutions does not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. The current state of the site is significantly overgrown, and some areas could not be accessed during initial surveys. Further assessment may need to be undertaken to refine the tree survey following maintenance, e.g. slashing, and provide safe access.

Tree locations must be surveyed by a registered surveyor, and any discrepancies clarified prior to commencement of Project Area works. Advice from a suitably qualified and experienced arborist (minimum qualification of AQF Level 5 - Diploma in Arboriculture) may be required to ensure the long-term protection of trees that are to be retained.

Where required, we have assumed a precautionary approach, assuming a species is present unless good reasons exist to preclude its use of the site. Information on the ecology and flight paths (for bird and bat species), as well as movement patterns, is not available for some species. In this instance, specific impacts cannot be quantified.

3 Environmental Regulatory Framework

Table 2 describes Australian, State and Local Government legislative arrangements to manage potential environmental and ecological impacts arising from development. The table details the relevant Act, Regulation, Policy, Code, Zoning Scheme and overlays for Matters of National Environmental Significance (MNES), Matters of State Environmental Significance (MSES) and Matters of Local Environmental Significance (MLES). Some matters are listed in all three jurisdictions, while others are specific to a single authority.

Table 2: Legislative Framework

Legislative Element	Description	Triggers	Database Search	Applicable to the report
Australian Government				
Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)	The EPBC Act protects the environment in relation to Matters of National Environmental Significance (MNES). Under the EPBC Act, if a development proposal involves an action that will or is likely to result in a significant impact on an MNES, the proposal must be referred to the DCCEEW (an EPBC Referral).	Action resulting in significant impacts upon a MNES.	Results of the Protected Matters Search Tool (PMST) identify several MNES protected under the EPBC Act as known to occur or potentially occurring (Refer to **Appendix 2**). A review of wildlife occurrence records (WildNet – see Appendix 3) within 2 km of the Project Area confirms the presence of Koala (*Phascolarctos cinereus*) and multiple other EPBC-listed species within the surrounding area.	Yes – refer to Section 4
Queensland Government				
Biosecurity Act 2014	The main purpose of the *Biosecurity Act 2014* is to provide for the risk-based management of biosecurity matters, including prohibited and	Presence of prohibited and restricted invasive animals or plants in the Project Area.	A review of Schedule 2 of the Act and the Weeds of National Significance (WoNS) database identified that several weed species may occur within the Project Area.	Yes – refer to Section 4.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
	restricted invasive animals and plants.			
Fisheries Act 1994	The *Fisheries Act 1994* (Fisheries Act) provides for the use, conservation and enhancement of Queensland's fisheries resources and fish habitats. Waterway barrier works are regulated under the *Fisheries Act 1994* and *Planning Act 2016* when barriers to fish movement, including partial barriers, are installed across waterways. Any waterway barrier works within a mapped waterway defined under the *Fisheries Act 1994*, as shown on the Queensland Waterways for Waterway Barrier Works Map, will require either a development application under the *Planning Act 2016* or must achieve compliance with the Accepted development requirements for operational works that are constructing or raising waterway	Action resulting in interference with fish passage in a mapped watercourse defined under the Fisheries Act (waterway barrier work) or interference with marine plants/ mangroves.	Mapped waterway on the Queensland Waterways for Waterway Barrier Works Map.	No. The Project Area does not impact any mapped waterways identified on the Queensland Waterways for Waterway Barrier Works Map.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
	barrier works. Barrier works include construction, raising, replacement and some maintenance works on structures such as culvert crossings, bed-level and low-level crossings, weirs and dams, both permanent and temporary. Where a waterway determination is questionable, it is the on-ground physical and hydrological attributes that ultimately determine whether a particular feature is a defined waterway that provides for fish passage and consultation with Fisheries Queensland is mandatory. In addition, marine plants are protected under the *Fisheries Act 1994*. The destruction, damage or disturbance of marine plants without prior approval from Fisheries Queensland is prohibited			
	The primary purpose of the *Nature Conservation Act 1992*	Actions resulting in a significant impact upon NC Act-listed	WildNet database searches reveal the presence of several	Yes – refer to Section 4.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
Nature Conservation Act 1992 (NC Act)	(NC Act) is to conserve biodiversity by creating and managing protected areas, managing and protecting native wildlife, and managing the spread of non-native wildlife. Unless authorised, it is an offence under the NC Act to take, keep, use, or move protected flora and fauna for commercial, recreational or other purposes. Where a proposed development will result in such impacts to flora and fauna protected under the NC Act, authorisation from DETSI will be required.	matters and special least concern fauna, and impacts to animal breeding places.	protected or threatened species including Koalas (*Phascolarctos cinereus*).	
		Action occurring within a mapped high-risk area and will directly or indirectly impact (occurring 100 m of) threatened flora species listed under NC Act.	DETSI Protected Flora Survey Trigger Map is included as part of the DOR Vegetation Management Report and highlights protected flora that occur within the Project Area.	Yes. The Project Area is mapped within a high-risk area on the Protected Flora Survey Trigger Map.
Vegetation Management Act 1999, Vegetation Management and Other Legislation	The clearing of native vegetation in Queensland is regulated by the VM Act, which protects the clearing of remnant vegetation, as shown by the DOR mapping. The VM Act works in conjunction with the *Planning Act 2016* and	Clearing of regulated vegetation communities, unless exempt under the *Planning Act 2016* and Vegetation Management Regulation.	DOR Vegetation Management Report - Regulated Vegetation Management (RVM) Map An analysis of Vegetation Management Reports and the Regulated Vegetation Management (RVM) Map shows	Yes. The Project Area is mapped as supporting regulated vegetation under the RVM map.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
Amendment Bill 2018 (VM Act)	Planning Regulation 2017 to ensure that where vegetation clearing is for a relevant purpose and constitutes assessable development.		that regulated vegetation does occur within the Project Area.	
		Clearing of habitat that is mapped as essential habitat for endangered, vulnerable or near-threatened wildlife protected under the NC Act.	DOR Vegetation Management Report - Vegetation management supporting map highlights essential habitats present within the Project Area.	Yes. The Project Area is mapped to support essential habitats.
Water Act 2000	The *Water Act 2000* provides for the sustainable management of water and other resources and establishes a framework for the operation of water authorities. The Act aims to provide and manage water resources through the principles of water sharing, cost sharing and pricing principles, planning and water source quality.	Action resulting in interference with overland flow, earthworks, and significant disturbance.	Mapped Watercourse on the Watercourse identification map (WIM) Slacks Creek is a watercourse as defined by the Water Act (2000) that is located approximately 80m west of the Project Area.	No. The Project Area does not impact any mapped watercourses.
Economic Development Act 2012	The purpose of this act is to facilitate economic growth and development in Queensland.	Action within a Priority Development Area.	SPP Interactive Mapping System	No. The Project Area is not mapped in a PDA.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
Planning Act 2016 and *Planning Regulation 2017*	The Koala Conservation Plan mapping identifies Koala Priority Areas (KPAs) and Koala Habitat Areas (KHA) regulated under the Act and Regulation. EPP/2020 Assessment Benchmarks in relation to Koala Habitat in South East Queensland (Inside Koala Priority Areas) State Code 25 - Guideline: State Development Assessment Provisions Development in South East Queensland Koala habitat areas (Outside Koala Priority Areas).	Action resulting in an impact on the mapped Koala habitat areas regulated under Schedule 11 of the Regulation.	The Koala Conservation Plan map is provided as part of the DOR Vegetation Management Report.	Yes. The Project Area is mapped in the core Koala habitat and essential habitat.
	State code 8: Coastal development and tidal works	Refer to the *Coastal Protection and Management Act 1995* section.		No, the Project Area is not within a coastal development and tidal works area.
	State code 9: Great Barrier Reef Wetland Protection Areas	Action resulting in interference with Great Barrier Reef wetland protection areas or wetlands of high (HES) or general (GES) ecological significance.	Wetland maps under the *Environmental Protection Act 1994* -	No. The Project Area is not mapped to support a regulated wetland area.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
	State code 10: Taking or interfering with water The purpose of this code is to provide for the sustainable management of water by ensuring that development does not take or interfere with water. SDAP Guideline 18: Waterway barrier works	Action resulting in interference with mapped watercourses, lakes, springs, underground water and overland flow water.	Mapped Watercourse on the Watercourse Identification Map (WIM)	No. The Project Area is not mapped to support a mapped watercourse.
	State code 11: Removal, destruction or damage of marine plants and State code 12: Development in a declared fish habitat area	Refer to the *Fisheries Act 1994* section		No.
	State code 16: Native vegetation clearing	Refer to the *Vegetation Management Act 1999* section		No.

Legislative Element	Description	Triggers	Database Search	Applicable to the report
Logan City Council				
LCC Planning Scheme 2015	Biodiversity areas overlay Bushfire hazard overlay	The Project Area is mapped under the Biodiversity Areas overlay. An assessment against the relevant provisions of the Biodiversity Areas Overlay Code is required.	Logan PD Hub Interactive Mapping	Yes – refer to **Section 4**.

4 Ecological Values Assessment

4.1 Ground-truthed Vegetation Communities

The field assessment determined that the proposed development supports two (2) vegetation communities, illustrated in **Figure 2.**

4.1.1 Vegetation Community 1: Exotic Grassland

Vegetation in the southern portion of the property has undergone extensive historical clearing and now supports a non-remnant grassland community dominated by weed species. Species present include guinea grass (*Megathyrsus maximus*), lantana (*Lantana camara*), Rhodes grass (*Chloris gayana*), bell vine (*Ipomoea plebeian*), Congo grass (*Urochloa eminii*) and giant reed (*Arundo donax*) (**Plates 1-4**).

There is no canopy layer present in this community. The community is mapped as Category X (non-remnant) under the State RVM map. Pre-clear mapping infers that the property previously supported the RE 12.11.5 - Corymbia citriodora subsp. variegata woodland to open forest +/- *Eucalyptus siderophloia/E. crebra, E. carnea, E. acmenoides, E. propinqua* on metamorphics +/- interbedded volcanics.



Plate 1: Exotic Grassland



Plate 2: Exotic Grassland





Plate 3: Exotic Grassland

Plate 4: Exotic Grassland

4.1.2 Vegetation Community 2: Degraded Eucalypt Woodland

Vegetation within the northern portion of the property, including the gully, corresponds to a remnant eucalypt woodland. Species present include narrow-leaved ironbark (*Eucalyptus crebra*), forest red gum (*Eucalyptus tereticornis*), and northern grey ironbark (*Eucalyptus siderophloia*). The understorey is dominated by regrowth canopy species, southern salwood (*Acacia disparrima*) and a mix of invasive species including guinea grass (*Megathyrsus maximus*), lantana (*Lantana camara*), rhodes grass (*Chloris gayana*) and giant reed (*Arundo donax*) (**Plates 5-8**).

The canopy layer ranges from, with an estimated canopy cover of 40-60%. This community is mapped as Category B (remnant) under the State RVM map and is identified as containing RE 12.11.*5* - *Corymbia citriodora subsp. variegata* woodland to open forest *+/- Eucalyptus siderophloia/E. crebra, E. carnea, E. acmenoides, E. propinqua* on metamorphics +/- interbedded volcanics. The site assessment determined that this vegetation is in remnant status.



Plate 5: Degraded Eucalypt woodland



Plate 6: Degraded Eucalypt woodland



Plate 7: Degraded Eucalypt woodland



Plate 8: Degraded Eucalypt woodland

4.2 Weed Species

Many weed species are present in the Project Area, including restricted invasive species listed under the *Biosecurity Act 2014* (Qld), including:

- Lantana (*Lantana camera*);

A full list of weed species present in the Project Area is provided in **Appendix 6**.

4.3 Flora Species Assessment

No threatened flora species were found in the Project Area, and an assessment of known records, along with field surveys, has determined that threatened flora species are not likely to occur. However, the Project Area is mapped within a mapped high-risk area (i.e., an area where endangered, vulnerable, or near-threatened native plants are present or are likely to be present) on the Protected Plants Flora Survey trigger map. Because clearing is proposed within the mapped area, a flora survey in accordance with the Flora Survey Guidelines – Protected Plants (DETSI, 2019) was undertaken. No threatened or near-threatened plant species (or possible threatened or near-threatened plant species) were recorded within the Project Area. A separate flora trigger report shall be prepared and submitted to the State to meet the NC Act before vegetation clearing.

4.4 Fauna Species Assessment

Fauna species recorded during the field assessment included rainbow lorikeet (*Trichoglossus moluccanus*), Torresian crow (*Corvus orru*), noisy miner (*Manorina melanocephala*), sulphur-crested cockatoo (*Cacatua galerita*) and welcome swallow (*Hirundo neoxena*). No threatened fauna species were directly observed during the survey.

Koala habitat trees are present within the remnant woodland on site; however, no Koalas, scats or other diagnostic evidence of current occupation were recorded during the field assessment. On the basis of mapped habitat, adjoining vegetated land and local occurrence records, Koalas may utilise the site periodically for movement, shelter or foraging, but regular occupation was not confirmed during the survey.

A full list of fauna occurring in the Project Area during the field assessment is provided in **Appendix 6**.



104-108 Murrays Road, Tanah Merah

Figure 2 - Vegetation Communities

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Notes: Survey Data by Green Tape Solutions
- Base map Copyright © Esri and its data suppliers.

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- Project Area
- Cadastre
- Watercourses

Vegetation Communities

- VC1 - Exotic grassland
- VC2 - Degraded eucalypt woodland

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4.5 Habitat Assessment

The Project Area provides fauna habitat of generally low to moderate quality. Fauna habitat features of the Project Area, include:

- Foraging resources associated with native flowering plants - nectar, pollen and insect prey items;
- Coarse and fine woody debris;
- Dense areas of undergrowth vegetation;
- Dry grass, long grass and leaf litter; and

Habitat values are reduced by weed invasion, previous disturbance, fragmentation and the limited extent of intact native vegetation within the developable portion of the site. Hollow-bearing habitat is limited. Overall, the site is likely to provide supplementary habitat for common local fauna and periodic use by some more mobile or disturbance-tolerant species.

Based on a 2 km search radius, the WildNet database contains records of 4 threatened fauna species within the surrounding area. An assessment of habitat suitability and the likelihood of occurrence for each of these species is provided in **Table 3**.

Table 3: Habitat Suitability and Likelihood of Occurrence for NC Act-Listed Fauna Species

Species	Habitat Suitability and Likelihood of Occurrence
Tusked Frog (*Adelotus brevis*)	Possibly present. This species can be found in dams and garden ponds in urban and peri-urban areas; however, its preferred habitat is wet eucalypt forest, rainforest, and occasionally dry eucalypt forest, where it is often located in close proximity to suitable breeding habitats, such as ponds and slow-moving sections of streams. The gully present on site and its proximity to Slacks Creek may provide a potentially suitable habitat.
Powerful Owl (*Ninox strenua*)	Possibly present. Suitably, large hollows for roosting are not present; however, this species is known to hunt in peri-urban areas.
Koala (*Phascolarctos cinereus*)	A total of 378 sightings of Koalas have been recorded in a 2 km radius over many years. Koala habitat trees are present within the Project Area. The field assessment did not detect any scats. Given that suitable Koala habitat is present within the Project Area and there is some level of connectivity with other Koala habitat patches in the area, Koalas may utilise vegetation at least periodically, particularly during movement, natal dispersal and breeding.
Glossy Ibis (*Plegadis falcinellus*)	Unlikely to occur. They are found in well vegetated wetlands, wet pastures, ricefields, floodwaters, floodplains, brackish or occasionally saline wetlands, magroves, mudflats and

Species	Habitat Suitability and Likelihood of Occurrence
	occasionally on dry grasslands (Pizzey and Knight, 2007). The Project Area contains low habitat values that are associated with this species.

4.6 Corridors and Linkages

The Project Area exhibits limited ecological connectivity within the surrounding landscape. A substantial and high-quality vegetation corridor associated with Murrays Environmental Park is located to the north, providing important habitat values and facilitating ecological linkages across the broader locality, including connections through Slacks Creek. In contrast, connectivity from the Project Area is constrained to the east by medium-density urban development and to the south by existing development and the Logan Motorway, which collectively restrict movement pathways.

Vegetation within the Project Area is currently mapped as low-density residential and is not included within the Environmental Management and Conservation Zone under the Logan Planning Scheme 2015. Notwithstanding this zoning, vegetation in the northern portion of the Project Area forms part of a local wildlife movement corridor linking larger, intact remnant vegetation patches associated with Murrays Environmental Park.

These larger remnant areas are of sufficient size and condition to support a diversity of terrestrial, arboreal, and avian fauna species. Given that the Project Area is situated at the southern extent of this corridor and is bounded by urban development to the south and east, its role in facilitating fauna movement is likely to be limited. Consequently, the Project Area is unlikely to constitute a significant barrier to movement for threatened species within the local landscape context.

4.7 Summary of Ecological Values

Table 4 details the findings of the desktop review, field survey/s and analysis of these findings against Commonwealth, state and local government environmental legislation, policies, codes and planning instruments.

The desktop review and field assessment indicate that the Project Area supports two broad vegetation types: a highly disturbed non-remnant exotic grassland and a degraded remnant eucalypt woodland. The principal ecological values of the site are associated with the remnant woodland in the northern portion of the allotment, which provides native vegetation cover, moderate fauna habitat values and local connectivity to adjoining bushland. The southern portion of the site has comparatively low ecological value due to its disturbed condition and dominance by exotic species. No threatened flora or fauna species were confirmed during the field survey, although some conservation-significant fauna, particularly Koala, may utilise the site periodically.

Table 4: Summary of Desktop and Project Area Assessment Results

Legislative / Compliance Element	Desktop Assessment Results	Field Survey Results and Assessment
Australian Legislation		
Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)	One (1) wetland of international importance: • Moreton Bay Five (5) listed threatened ecological communities (TEC): • Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community (Endangered); • Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland (Endangered); • Lowland Rainforest of Subtropical Australia (Critically Endangered); • Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland: and • White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland (Critically Endangered). • Eighty-one (81) threatened species; and • Thirty-seven (37) migratory species. **Refer to Appendix 2**	No species or communities listed under the EPBC Act were found to be present within the Project Area. An assessment of the likelihood of threatened species occurrence was conducted for each of the threatened species identified by the desktop assessment results. This assessment was based on the presence of suitable habitat within the Project Area and database records for each threatened species. Based on this assessment, Koalas are expected to occur, at least periodically, within the Project Area. Habitat for Koalas was found in the Project Area, and the proposed development will impact some of this vegetation. The development does not warrant an EPBC referral.
Queensland Legislation		
Coastal Protection and Management Act 1995	The Project Area is not mapped within the Coastal Management District or a Coastal area subject to erosion or storm tide inundation.	The Project Area is not within the mapped Coastal Management District.

Legislative / Compliance Element	Desktop Assessment Results	Field Survey Results and Assessment
Biosecurity Act 2014	The DETSI Wildnet Records identified nineteen weed species to occur within two kilometres of the Project Area. Six of the mapped species are Weeds of National Significance (WONS) or Category 3.	The Project Area has large areas of weed infestations, including weeds of national significance. Weeds will be controlled before construction commences to prevent further distribution of exotic pests. Ongoing management following construction will continue to ensure weeds are controlled. Refer to **Appendix 6**.
Nature Conservation Act 1992 - DETSI WildNet database	WildNet database shows records of the following species within a 2 km buffer of the Project Area: • Koala (*Phascolarctos cinereus*); • Powerful owl (*Ninox strenua*); • Glossy ibis (*Plegadis falcinellus*); • Tusked frog (*Adelotus brevis*).	No species listed under the NC Act were found to be present during the field survey.
Nature Conservation Act 1992 - Protected Plants Flora Survey Trigger Map	The Project Area is mapped within a mapped high-risk trigger area for protected plants.	The Project Area is mapped within the mapped high-risk trigger area for protected plants. No listed threatened flora species were detected within the Project Area during the field assessment. A flora Trigger survey report will still be required to be submitted to the DETSI before the clearing (valid for 12 months from the survey)
Vegetation Management Act 1999 (VM Act) Regulated Vegetation Management Map	The Vegetation Management Report maps the Project Area as Category B (remnant) and Category X (non-remnant).	The accuracy of this mapping was confirmed during the field survey. No further assessment is required for the removal of Category X vegetation.

Legislative / Compliance Element	Desktop Assessment Results	Field Survey Results and Assessment
VM Act Essential Habitat Map	The Project Area is mapped as supporting any essential habitat for endangered, vulnerable and near-threatened wildlife listed under the NC Act.	The field assessment confirmed the presence of essential habitat.
Koala Conservation Plan Map – Koala priority areas and Koala habitat areas mapping.	The Project Area is not mapped within a Koala Priority area (KPA). Koala habitat is mapped on the Project Area or adjacent land.	The Project Area contains Koala habitat and further assessment is required.
Environmental Protection Act 1994 and Environmental Protection (Water and Wetland Biodiversity) Policy 2019 Map of Queensland wetland environmental values	No regulated wetlands are mapped in the Project Area.	The field assessment confirmed that the Project Area does not support a wetland area.
Local Legislation		
Logan City Council Logan Planning Scheme 2015 (V9.2) with TLPI 1/2024	The Project Area is mapped within the following overlays: • Biodiversity areas overlay code - OM 02.01 – Primary vegetation management area • Bushfire hazard – Very high and potential impact buffer area	An assessment against the relevant provisions of the Logan Planning Scheme 2015 Biodiversity Overlay code and Bushfire hazard Overlay code is required.

5 Proposed Development Impact Assessment

5.1 Impact and Mitigation Measures

The proposed development has been designed to concentrate the primary disturbance footprint within the more historically modified southern portion of the Project Area in order to reduce impacts on remnant vegetation where practicable. Even with this approach, the development will result in some removal of native vegetation and associated fauna habitat, together with indirect effects on retained vegetation such as increased edge exposure, disturbance and weed risk. The following assessment considers both direct and indirect ecological impacts likely to arise from the proposed development.

Vegetation clearing for the development will result in a reduction in the extent of the northern vegetation patch, as well as other associated impacts on the habitat of fauna and the fauna occupying the Project Area. The total clearing impact area is 0.3ha for the Project Area (**Figure 3**). Consolidation of the development footprint to the southern portion of the Project Area has reduced additional clearing.

Actual and potential direct and indirect impacts from the proposed development on ecological values include:

- The loss of significant ecological features, including animal breeding places such as tree hollows;
- The loss of habitat, shelter, refuge, food and other resources for a range of fauna species, including common/unlisted (Least concern) fauna species that reside in the Project Area;
- Injury and mortality of fauna species because of vegetation clearing. This includes likely direct death and injury from clearing, indirect impacts associated with dispersal of fauna during vegetation clearing works and delayed mortality due to displacement, forced dispersal into occupied territories and/or inability to re-establish territory within other habitat patches. As adjacent vegetated areas are also likely to be at carrying capacity for many species (noting the surrounding land use and limited availability of intact habitat), some indirect fauna mortality resulting from displacement is expected.
- Increase in edge effects and associated degradation of retained vegetation. The community is already subject to edge effects along the existing patch boundary; in particular, effects such as weed invasion. Whilst the development footprint has been consolidated to the southern portion of the Project Area, the current configuration will result in an increase in patch edge perimeter length and edge effects are therefore likely to be increased. Expected edge effect impacts include:
    - New weed species introduction and an increase in weed infestations within the currently intact native community.
    - Increase in predation of resident fauna by introduced species. Predators such as cats and foxes exploit patch edges and small native mammals susceptible to feral species predation.
    - Loss of suitable habitat for fauna due to environmental changes and potential unsuitability of retained vegetation due to disturbance associated with future land use; for example, light pollution from street and lot lighting. Light pollution impacts fauna in several ways including reduction in sleep quality, reduced ability to forage and

behavioural changes such as avoidance of lit areas. Overall, light pollution will reduce the amount and quality of habitat available for fauna in the retained vegetation. Other edge effects that will also impact fauna include changes in moisture and an increase in noise and disturbance.

- Sediment run-off impacting on retained vegetation communities during earthworks.

Avoidance and mitigation measures should be directed primarily toward minimising clearing within remnant woodland, clearly demarcating retained vegetation, implementing fauna-sensitive clearing practices, and managing weed, erosion and sediment risks during construction. Any retained vegetation should be protected from incidental disturbance through exclusion fencing or equivalent controls for the duration of works. Vegetation clearing should be supervised where required by a suitably qualified fauna spotter-catcher, and construction activities should be managed to reduce unnecessary light, noise and edge disturbance adjacent to retained habitat. Long-term management should focus on weed control, maintenance of retained vegetation buffers and appropriate landscape treatment to avoid further degradation of retained ecological values.



104-108 Murrays Road, Tanah Merah

Figure 3 - Clearing Impact Area

Project Area

State Koala Habitat mapping

Clearing Impact Area (3,005m2)

Created By: MI **Date:** 10/04/2026 **Version:** 1	Project Reference - **PR26031**

Notes: Survey Data by Green Tape Solutions
- Base map Copyright © Esri and its data suppliers.

Source: C:\OneDrive\Green Tape Solutions\Green Tape Solutions - Documents\GTS Projects\2026\PR26031_104-108 Murrays Road, Tanah Merah\GIS\Map\Master.qgz

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Table 5: Summary of Potential Impacts and Associated Mitigation Measures

Potential Impact	Mitigation Measures
Planning and Design Phase	
• Removal of vegetation is required from the Project Area, resulting in the loss of ecological values, including foraging and habitat resources and loss of landscape amenity values. • The increase in residents in the area may result in an increase in dog attacks on wildlife. • New weed species introduction and an increase in existing weed infestations. • Increased light pollution resulting in light spill, noise, erosion, etc., and associated impacts to adjacent residents and urban fauna.	○ Avoid the impact: The development seeks to avoid the removal of canopy trees, native vegetation and non-juvenile Koala habitat trees as in the northern section of the site. The development layout is consolidated in the southern section of the Property which is heavily disturbed and depicted of vegetation. ○ Mitigate the impact: ○ Koala feed tree planting will be incorporated in the landscape plan ○ Directional lighting guards should be installed to minimise light spill. Any lights will comply with the National Light Pollution Guidelines for Wildlife (DCCEEW, 2023) ○ To improve driver awareness and reduce Koala road strikes, vehicle-activated signs and static Koala signs will be installed across the development. ○ Rehabilitation and long-term protection of the remaining area located north of the Project Area. Weed management will be provided in the retained area. Offset the residual impact: ○ The state requires a financial offset of $38,180.89.
Construction and Clearing Phase	
• Loss and degradation of food and shelter resources for urban fauna due to vegetation clearing. • Potential injury and mortality of fauna due to vegetation clearing. This includes direct mortality, injury or orphaning of wildlife because of vegetation clearing and indirect impacts	• The construction contractor shall take all reasonable and practicable management measures to avoid environmental harm and environmental nuisance to native fauna and known fauna habitat and breeding places. • Contractors will be supplied with a construction protocol regarding clearing requirements through a work site start-up and induction program.

Potential Impact	Mitigation Measures
such as displacement and dispersal into adjacent habitats that may be at their carrying capacity. • Loss of potential breeding habitat and resources (e.g. hollows and nests), including future breeding habitat. • Temporary disturbance (noise, light, etc.) to local fauna species. • Introduction and spread of biosecurity matters such as invasive species, e.g. from fill material or machinery.	• Prior to the commencement of any vegetation clearing on site, tree protection/exclusion fencing is to be installed around the tree protection zone/s (TPZ) of vegetation to be retained, and trees to be removed shall be visibly marked and identified with flagging tape or similar. No disturbance should occur outside the clearance zone or within exclusion zones without appropriate approvals and/or further assessments. • Erosion and sediment control measures are to be implemented in line with the Erosion and Sediment Control Plan. • Construction activities will be restricted to daylight hours to minimise noise, dust and light impacts. • No domestic animals will be allowed onto the construction site. • Avoid high-risk construction activities such as earthworks during severe wet weather. • An appropriately experienced and suitably qualified fauna spotter catcher with experience in Koala spotting is to be engaged to conduct a pre-clearing fauna survey to identify fauna habitat and breeding places, and remove fauna from vegetation to be cleared. Only a Designated and trained person (fauna spotter catcher) can handle and remove fauna. The fauna spotter catcher shall be present during all vegetation clearing to supervise clearing. Injury or mortality of fauna species will be minimised by managing habitat clearing and by having a qualified fauna spotter supervising all clearing activities. If Koalas are found to be present, they will be managed in line with the Nature Conservation (Koala) Conservation Plan 2017. Clearing and post-clearing activities (including fauna spotter activities) are detailed below. • The *Biosecurity Act 2014* (Qld) imposes a general biosecurity obligation of landowners and managers to minimise biosecurity risks. This includes risks associated with invasive flora and fauna species. • Fire ant movement controls shall be implemented to restrict and monitor the movement of materials that may carry fire ants. These controls may include obtaining a Biosecurity Instrument Permit to move soil and other landscaping materials where required. The site foreman/supervisor shall be responsible for ensuring all fire ant compliance requirements are met at all times. Further advice regarding fire ant compliance can be obtained on the Business Queensland website at https://www.business.qld.gov.au/industries/farms-fishing-forestry/agriculture/land-management/health-pests-weeds-diseases/pests/fire-ants/advice-tool

Potential Impact	Mitigation Measures
	• Monitoring shall be undertaken to detect new infestations of invasive flora species listed under the *Biosecurity Act 2014* (Qld) and to ensure that listed invasive flora species do not spread beyond the Project Area into the environment. • Monitor the effectiveness of controls and establish triggers for corrective action where potential impacts are observed. • Landscaping using locally indigenous plant species shall provide foraging and shelter resources and assist in compensating for these values.
Operation Phase	
• The increase in residents in the area may result in an increase in dog attacks on wildlife. • New weed species introduction and an increase in existing weed infestations. • Increased light pollution resulting in light spill and associated impacts to adjacent residents and urban fauna.	• Monitoring should be undertaken to detect new infestations and to ensure that existing infestations of species listed under the *Biosecurity Act 2014* (Qld) do not spread into the environment. • Light shall not be left on all night in an effort to reduce light pollution. Any new outside lights shall be sensor lights. • To improve resident awareness and reduce Koala kill from dog attacks, signs will be installed across the development

5.2 Assessment of Compliance

5.2.1 Local Planning Scheme

Under the Logan Planning Scheme 2015, the Project Area is located within the Low-density Residential zone of the Small Acreage precinct.

The Project Area is mapped under the Biodiversity areas overlay and the Bushfire hazards overlay. An assessment against the relevant provisions of the Biodiversity Areas Overlay Code is required **(Figure 4)** and an assessment against the Bushfire Hazard overlay has been provided in the Bushfire Hazard Management Plan report produced by Green Tape Solutions.

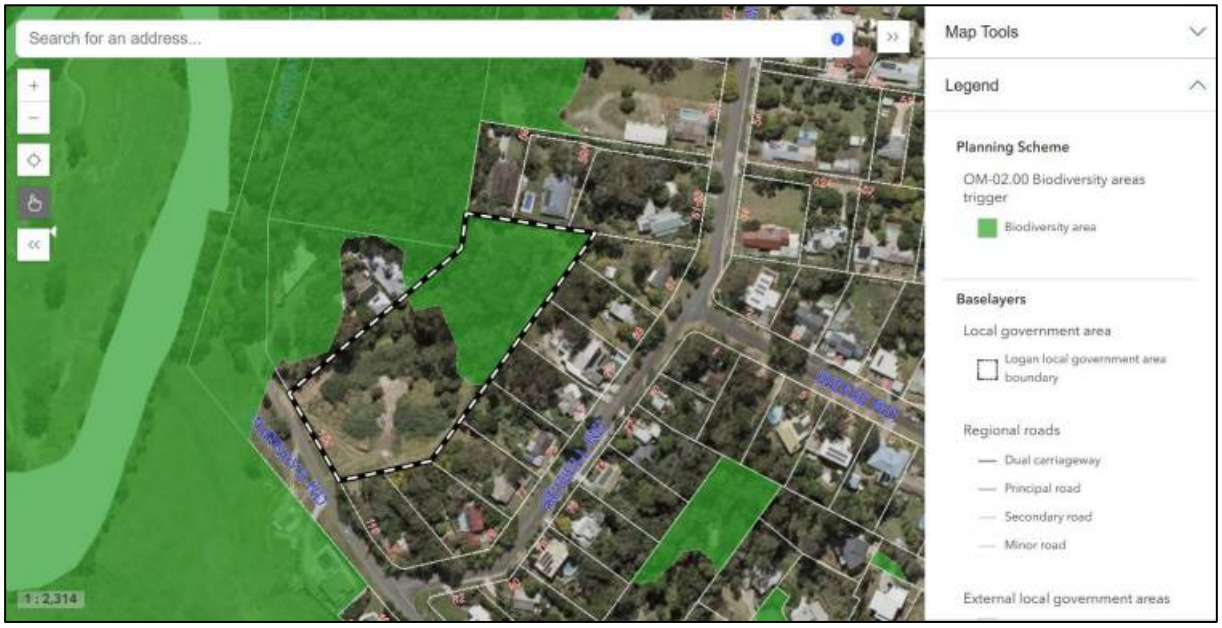


Figure 4: Biodiversity Areas Overlay Map

Logan City Council Offset

Under the Logan Planning Scheme 2015, the Project Area is mapped within the Primary vegetation management area. Approximately 2,133m^2 of native vegetation on the Project Area will be removed to facilitate the development, and a financial offset has been proposed to compensate for this loss. An environmental offset estimate was requested from the Logan City Council Environmental Offset Estimate tool and is awaiting confirmation.

5.2.2 State Legislation

Koala habitat overlay

The Project Area is mapped outside the KPA and contains KHA (Koala Conservation Plan Map; administered by DETSI). Any development proposed on this Project Area would need to meet the State Code 25: Development in South East Queensland Koala habitat areas, unless the development meets the exemptions.

According to Schedule 24, an exempted development is a development that:

(k) development, other than development mentioned in any of paragraphs (a) to (j), that results in a total area on the premises of 500m2 or less of 1 or more Koala habitat areas being cleared of native vegetation since 7 February 2020, disregarding an area cleared of native vegetation if any of paragraphs (l) to (p) applies to the clearing; or

(o) development on a lot that is or involves operational work that is the clearing of native vegetation in a koala habitat area if—

(i) the clearing is necessary to establish a necessary fence, road or vehicular track on an existing lot; and

(ii) the clearing is qualifying clearing; and

(iii) the vegetation is regulated regrowth vegetation or a least concern regional ecosystem in a category B area; and

iv) the maximum width of the clearing for the fence, road or track is –

(A) For a lot that is 5ha of less – 5m; or

(B) For a lot that is more than 5ha – 10m

The development proposed the clearing of a total of 3,005m^2 of Koala habitat to allow the construction of the new lots, access driveway, swale and bushfire management areas. There is a once-off clearing exemption of 500m^2 and boundary clearing that is applicable to the proposed development. Approximately 373m^2 of clearing is exempt along the western and eastern boundary line.

As illustrated in **Table 6,** approximately 2,133 m2 of complete vegetation clearing within the KHA overlay will be required to support the development and therefore requires a referral to SARA for assessment against State Code 25. An assessment against the relevant provisions of State Code 25 is provided in **Appendix 7**.

Table 6: Clearing Requirement

Exempted development criteria	Proposed Clearing (Figure6)
Schedule 24 (k) – clearing of 500m^2 per premises	500m^2
Schedule 24 (l)(i) – clearing of 5m width to construction a track	Not applicable
Schedule 24 (n)(vii) – clearing for essential management / establishing or maintaining a necessary firebreak to protect infrastructure, other than a fence, road or vehicular track, if the maximum width of the firebreak is equal to 1.5 times the height of the tallest vegetation next to the infrastructure, or 20m, whichever is wider.	373m^2 20m around the dwelling, which equates to 1.5 times the height of the tallest vegetation next to the infrastructure, or 20m, whichever is wider
Total exemptions	873m^2
Total clearing impact area proposed	3,005m^2
Total clearing impact area proposed including exemptions	2,133m^2

State Offset

The proposed development will require the clearing of 2,133m^2 of Koala habitat mapped under the State MNES SPP mapping that will need a financial offset. The DETSI Financial Settlement Offset Calculator was used to determine the offset compensation. A total of $38,180.89 is required to be paid to SARA for the clearing of native vegetation within the KHA. An extract of the email is provided in **Figure 5**.

Figure 5: Extract of the Financial Calculation

Melisa Iglic

From: no-reply@detsi.qld.gov.au
Sent: Friday, 10 April 2026 2:49 PM
To: Melisa Iglic
Subject: Environmental offsets calculator results - Financial settlement offset calculator
Attachments: data.csv

Environmental offsets calculator results - Financial settlement offset calculator

Payment details

Non-protected non-SEQ koala cost

On ground cost	$0.00
Landholder incentive payment	$0.00
Administrative cost	$0.00
Total non-protected area cost	$0.00

Protected area cost

Total protected area cost	$0.00

Logan City Council koala habitat area

Total on ground cost	$12,780.00
Landholder incentive payment	$22,205.89
Administrative cost	$3,195.00
Total koala habitat cost for Logan City Council	$38,180.89

Total cost

Grand total	$38,180.89

Total offset area: 0.639 ha

Section 1

LGA
Logan City Council
Bioregion
Southeast Queensland
Subregion
Moreton Basin
Impact area
0.213 ha
Notional offset area
0.639 ha
Distinct matter area 1.1

Impact area: 0.213 ha
Notional offset area: 0.639 ha

1

Matter groups:

- 1.1.1: SEQ Koala Habitat

Logan City Council koala habitat

The notional offset area for this LGA is 0.639 ha.

Sections, areas and matter groups used in calculations

Section	Bioregion / Marine (and waterways) zone	Subregion / Marine bioregion	Local government area (LGA)	Distinct matter area (DMA)	DMA impact area (ha)	DMA notional offset area (ha)	Matter group
1	Southeast Queensland	Moreton Basin	Logan City Council	1.1	0.213	0.639	1.1.1 SEQ Koala Habitat

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Vegetation Management Act 1999

The Project Area is mapped as supporting regulated vegetation (Category B remnant) and Category X vegetation under the RVM map. Under the Planning Act 2016 and Planning Regulation 2017, the clearing of vegetation within mapped Category X (non-remnant) area is exempt clearing work. The clearing of mapped Category B vegetation within a lot that has an area of less than 5 ha is also exempt clearing work. Therefore, an assessment against the Vegetation Management framework is not required for this site.

There is no other State environmental legislation that would apply to this development.



104-108 Murrays Road, Tanah Merah

Figure 6 - Koala Habitat Clearing Impact and Exemptions

Created By: MI
Date: 10/04/2026
Version: 1

Project Reference - **PR26031**

Notes: Survey Data by Green Tape Solutions
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- Project Area
- State Koala Habitat mapping
- Exempt Clearing (873m2)
- Koala Clearing Impact (2,133m2)

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5.2.3 Federal Legislation

The proposed development does not support any threatened ecological communities listed under the EPBC Act. Site investigations confirmed the presence of MNES, including Koala habitat; however, the presence of Koalas (including scats and scratches) was not identified during site assessments. It is possible that Koalas will occasionally use the Project Area as the vegetation present to the north is connected to Murrays Environmental Reserve, which contains recent records of Koalas sightings.

Extensive, higher-quality habitat is retained within adjoining properties to the north and west, which are protected under State and local planning controls and will continue to provide functional habitat and landscape connectivity. The proposed development will not fragment these areas or compromise their ecological integrity. In this context, and having regard to the limited scale of habitat loss and the availability of alternative habitat within the surrounding landscape, the proposed action is unlikely to result in a significant impact on Koalas or any other MNES. Accordingly, referral of the action under the EPBC Act is not considered warranted.

Notwithstanding the above, it is recommended that the proponent undertake a self-assessment against the Commonwealth Significant Impact Guidelines to formally assess the Project in relation to MNES and confirm whether referral under the EPBC Act is required.

6 Conclusion

This ecological assessment report identifies ecological values associated with the Project Area. Field investigations determined that the Project Area supports low to moderate values, predominantly in the form of foraging resources.

A field assessment determined that the Project Area supports low ecological values, predominantly in the form of habitat, shelter and foraging resources for native arboreal species, particularly generalist and urban-adapted species. The Project Area supports a eucalypt woodland that includes Koala habitat. While there are recent records of Koalas within quality habitat north west of the Project Area, it is unlikely that the Project Area would be regularly utilised by Koalas. Given the landscape context and existing threats and barriers within the surrounding landscape, there is a low likelihood of Koalas and other threatened species utilising the Project Area.

Clearing required to facilitate the development shall result in the unavoidable clearing of 3,005m^2, of which 2,133m^2 of state assessable Koala habitat will be impacted. Where removal of native vegetation is not able to be avoided, a State financial offset and Local Council offset is required to compensate the immediate loss of native vegetation and associated values and the loss of future values.

As the vegetation to be cleared is predominately a remnant eucalypt woodland and large areas of exotic grassland, the impact on the local biodiversity is moderate. While the level of impacts associated with the development is moderate, a wildlife management plan has been prepared to mitigate potential impacts upon wildlife during construction works to ensure duty of care obligations under the *Nature Conservation Act 1992* and *Animal Care and Protection Act 2001* are met. The potential for injury, mortality and orphaning of fauna species will be minimised by implementing the fauna management and mitigation measures outlined in this plan. These measures include the engagement of an appropriately experienced and suitably qualified fauna spotter catcher with experience in Koala spotting to conduct a pre-clearing fauna survey and relocate any fauna present within vegetation to be cleared. Fauna spotters will also specifically search for Koalas. If any Koalas are determined to be present, they will be managed in line with legislative requirements.

Based on the nature and scale of the proposed impacts, the availability of alternative habitat in the surrounding landscape, and the partial retention and protection of remnant vegetation present on site, the proposed development is unlikely to result in significant adverse impacts on local or regional biodiversity values, including Matters of National Environmental Significance. The proposal is considered to comply with the relevant ecological provisions of the Logan City Council – Logan Planning Scheme 2015 and applicable State assessment frameworks.

The proposed development layout will require the partial removal of vegetation within the Project Area. A state financial offset has been proposed to compensate for this clearing. The total financial offset amount for the State was calculated to be as $38,180.89. Logan city Council also requires an offset to compensate for the mapped biodiversity values lost as a result partial vegetation clearing. Using Logan City Council PD Hub Environmental Offset Calculator the proposed development requires and offset to be determined.

By implementing the key recommendations designed to minimise impacts during the construction and operational phases, the proposed development will reduce its impact on the ecological values of the

Project Area and surrounding area. The report also provides mitigation measures to ensure that the development complies with the relevant environmental legislation.

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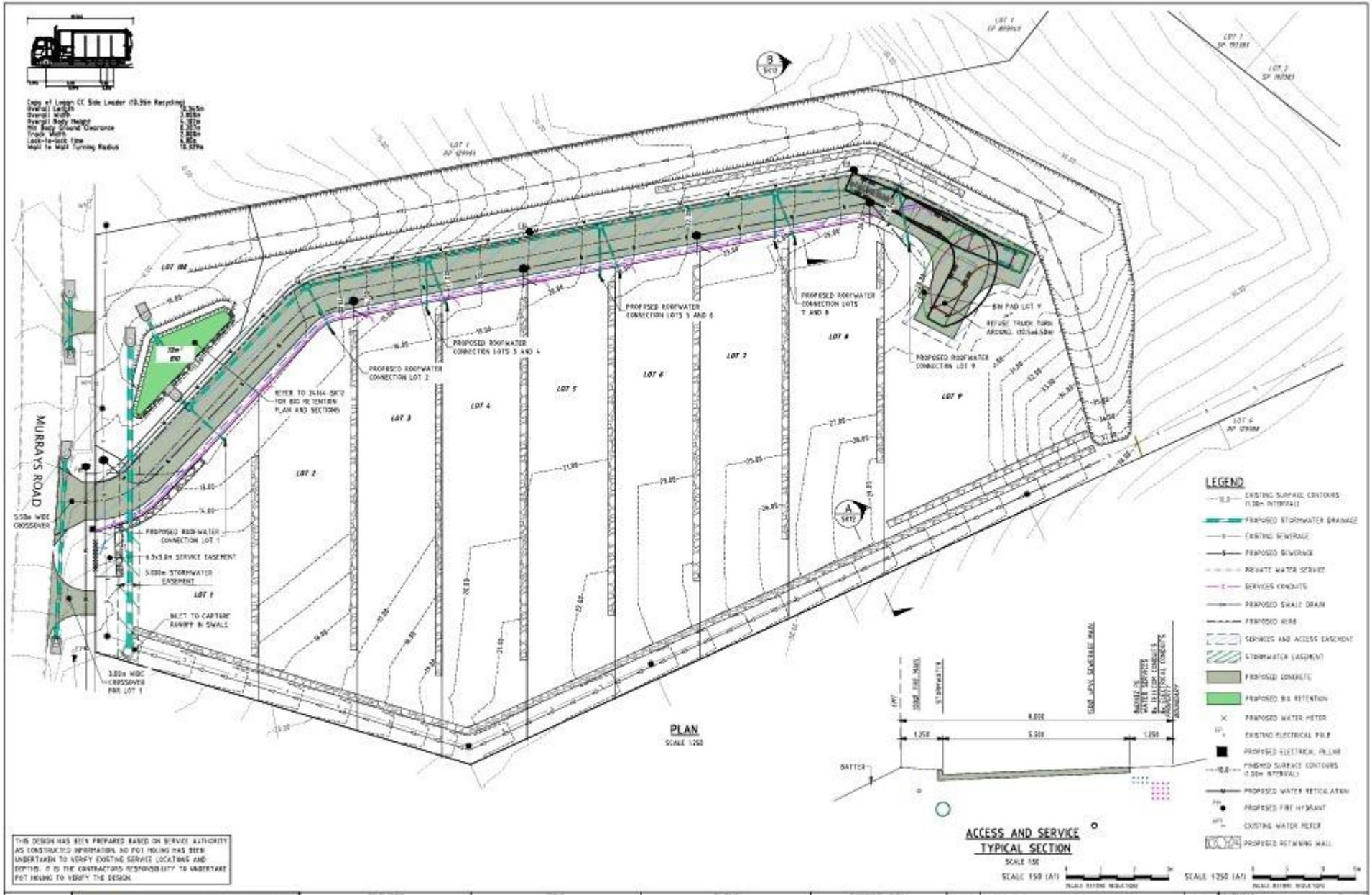
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Appendix 1

Development Layout

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HCE ENGINEERS	PROJECT	TITLE	CLIENT	CERTIFICATION	REVISION	AMENDMENT	DATE
HCE Engineers Pty Ltd ABN 42 664 382 610 mail@hce-engineers.com.au 07 3829 1399	104 - 108 MURRAYS ROAD, TANAH MERAH QLD 4128 LOT 2 ON RP 109991	CONCEPT REAR ACCESS AND STORMWATER DRAINAGE PLAN	RYJAYD PTY LTD		A	ISSUED FOR COMMENT	20/12/25

DESIGNED	DRAWN	DATE	
MN	HL	15/12/25	
CHECKED		SCALE	
-		AS SHOWN	
DRAWING NO.		REV.	
24164-SK11		A	

Appendix 2

EPBC Act Protected Matters Search

Australian Government

Department of Climate Change, Energy, the Environment and Water

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected. Please see the caveat for interpretation of information provided here.

Report created: 23-Mar-2026

Summary

Details

- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat

Acknowledgements

Summary

Matters of National Environment Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the Administrative Guidelines on Significance.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	5
Listed Threatened Species:	81
Listed Migratory Species:	37

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at https://www.dcceew.gov.au/parks-heritage/heritage

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Lands:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	45
Whales and Other Cetaceans:	2
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have

State and Territory Reserves:	2
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	9
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands) [Resource Information]

Ramsar Site Name	Proximity	Buffer Status
Moreton bay	Within 10km of Ramsar site	In feature area

Listed Threatened Ecological Communities [Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.
Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community may occur within area	In feature area
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community likely to occur within area	In feature area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area	In feature area
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community likely to occur within area	In feature area
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occur within area	In feature area

Listed Threatened Species [Resource Information]

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.
Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Anthochaera phrygia			
Regent Honeyeater [82338]	Critically Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Ardenna grisea Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area	In feature area
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]	Critically Endangered	Species or species habitat may occur within area	In feature area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea antipodensis gibsoni Gibson's Albatross [82270]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area	In feature area
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Limnodromus semipalmatus Asian Dowitcher [843]	Vulnerable	Species or species habitat may occur within area	In feature area
Limosa lapponica baueri Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit [86380]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area	In feature area
Stagonopleura guttata Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche cauta Shy Albatross [89224]	Endangered	Species or species habitat may occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FISH			
Epinephelus daemelii Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Maccullochella mariensis Mary River Cod [83806]	Endangered	Translocated population known to occur within area	In buffer area only
FROG			
Litoria olongburensis Wallum Sedge Frog [1821]	Vulnerable	Species or species habitat may occur within area	In feature area
Mixophyes fleayi Fleay's Frog [25960]	Endangered	Species or species habitat may occur within area	In feature area
INSECT			
Argynnis hyperbius inconstans Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within area	In feature area
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Endangered	Species or species habitat may occur within area	In feature area
Dasyurus maculatus maculatus (SE mainland population) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat likely to occur within area	In feature area
Orcaella heinsohni Australian Snubfin Dolphin [81322]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Petauroides volans Greater Glider (southern and central) [254]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Petaurus australis australis](#)			
Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)](#)			
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
[Potorous tridactylus tridactylus](#)			
Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat may occur within area	In feature area
[Pteropus poliocephalus](#)			
Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
[Sousa sahulensis](#)			
Australian Humpback Dolphin [87942]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Xeromys myoides](#)			
Water Mouse, False Water Rat, Yirrkoo [66]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
PLANT			
[Arthraxon hispidus](#)			
Hairy-joint Grass [9338]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Baloghia marmorata](#)			
Marbled Balogia, Jointed Baloghia [8463]	Vulnerable	Species or species habitat may occur within area	In feature area
[Bosistoa transversa](#)			
Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Coleus habrophyllus listed as Plectranthus habrophyllus](#)			
[91378]	Endangered	Species or species habitat may occur within area	In feature area
[Corchorus cunninghamii](#)			
Native Jute [14659]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Croton mamillatus Bahrs Scrub Croton [84796]	Critically Endangered	Species or species habitat may occur within area	In feature area
Cryptocarya foetida Stinking Cryptocarya, Stinking Laurel [11976]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Cryptostylis hunteriana Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat may occur within area	In feature area
Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In feature area
Endiandra floydii Floyd's Walnut, Crystal Creek Walnut [52955]	Endangered	Species or species habitat likely to occur within area	In feature area
Gossia gonoclada Angle-stemmed Myrtle [78866]	Endangered	Species or species habitat known to occur within area	In feature area
Macadamia integrifolia Macadamia Nut, Queensland Nut Tree, Smooth-shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Macadamia tetraphylla Rough-shelled Bush Nut, Macadamia Nut, Rough-shelled Macadamia, Rough-leaved Queensland Nut [6581]	Vulnerable	Species or species habitat may occur within area	In feature area
Notelaea lloydii Lloyd's Olive [15002]	Vulnerable	Species or species habitat may occur within area	In feature area
Persicaria elatior Knotweed, Tall Knotweed [5831]	Vulnerable	Species or species habitat known to occur within area	In feature area
Phaius australis Lesser Swamp-orchid [5872]	Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Planchonella eerwah Shiny-leaved Condoo, Black Plum, Wild Apple [17340]	Endangered	Species or species habitat likely to occur within area	In feature area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
REPTILE			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Congregation or aggregation known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Coeranoscincus reticulatus Three-toed Snake-tooth Skink [59628]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Hemiaspis damelii			
Grey Snake [1179]	Endangered	Species or species habitat likely to occur within area	In feature area
Lepidochelys olivacea			
Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area	In buffer area only
Natator depressus			
Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
SHARK			
Sphyrna lewini			
Scalloped Hammerhead [85267]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only

Listed Migratory Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Ardenna grisea			
Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Calonectris leucomelas			
Streaked Shearwater [1077]		Species or species habitat known to occur within area	In buffer area only
Diomedea antipodensis			
Antipodean Albatross [64458]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea exulans			
Wandering Albatross [89223]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Macronectes giganteus			
Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Macronectes halli](#) Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Phaethon lepturus](#) White-tailed Tropicbird [1014]		Species or species habitat may occur within area	In buffer area only
[Thalassarche cauta](#) Shy Albatross [89224]	Endangered	Species or species habitat may occur within area	In buffer area only
[Thalassarche impavida](#) Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Thalassarche melanophris](#) Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Thalassarche salvini](#) Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Thalassarche steadi](#) White-capped Albatross [64462]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Migratory Marine Species			
[Caretta caretta](#) Loggerhead Turtle [1763]	Endangered	Congregation or aggregation known to occur within area	In buffer area only
[Chelonia mydas](#) Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
[Dermochelys coriacea](#) Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
[Eretmochelys imbricata](#) Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area	In buffer area only
Lepidochelys olivacea Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area	In buffer area only
Mobula alfredi as Manta alfredi Reef Manta Ray, Coastal Manta Ray [90033]		Species or species habitat may occur within area	In buffer area only
Mobula birostris as Manta birostris Giant Manta Ray [90034]		Species or species habitat may occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Orcaella heinsohni Australian Snubfin Dolphin [81322]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Sousa sahulensis as Sousa chinensis Australian Humpback Dolphin [87942]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
[Charadrius leschenaultii](#) Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Limnodromus semipalmatus](#) Asian Dowitcher [843]	Vulnerable	Species or species habitat may occur within area	In feature area
[Limosa lapponica](#) Bar-tailed Godwit [844]		Species or species habitat likely to occur within area	In buffer area only
[Numenius madagascariensis](#) Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Pandion haliaetus](#) Osprey [952]		Species or species habitat known to occur within area	In feature area
[Tringa nebularia](#) Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Listed Marine Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Actitis hypoleucos](#) Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
[Anseranas semipalmata](#) Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
[Apus pacificus](#) Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
[Ardenna grisea as Puffinus griseus](#) Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Bubulcus ibis as Ardea ibis](#) Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
[Calonectris leucomelas](#) Streaked Shearwater [1077]		Species or species habitat known to occur within area	In buffer area only
[Charadrius leschenaultii](#) Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Diomedea antipodensis](#) Antipodean Albatross [64458]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Diomedea antipodensis gibsoni as Diomedea gibsoni](#) Gibson's Albatross [82270]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Diomedea exulans](#) Wandering Albatross [89223]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
[Haliaeetus leucogaster](#) White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
[Hirundapus caudacutus](#) White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
[Lathamus discolor](#) Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
[Limnodromus semipalmatus](#) Asian Dowitcher [843]	Vulnerable	Species or species habitat may occur within area overfly marine area	In feature area
[Limosa lapponica](#) Bar-tailed Godwit [844]		Species or species habitat likely to occur within area	In buffer area only
[Macronectes giganteus](#) Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat likely to occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area	In feature area
Phaethon lepturus White-tailed Tropicbird [1014]		Species or species habitat may occur within area	In buffer area only
Pterodroma cervicalis White-necked Petrel [59642]		Species or species habitat may occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rostratula australis as Rostratula benghalensis (sensu lato)			
Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Sterna striata			
White-fronted Tern [799]		Migration route may occur within area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus			
Spectacled Monarch [83946]		Species or species habitat known to occur within area overfly marine area	In feature area
Thalassarche cauta			
Shy Albatross [89224]	Endangered	Species or species habitat may occur within area	In buffer area only
Thalassarche impavida			
Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris			
Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche salvini			
Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi			
White-capped Albatross [64462]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Tringa nebularia			
Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Reptile			
Caretta caretta			
Loggerhead Turtle [1763]	Endangered	Congregation or aggregation known to occur within area	In buffer area only
Chelonia mydas			
Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Dermochelys coriacea			
Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata			
Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Lepidochelys olivacea			
Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area	In buffer area only
Natator depressus			
Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Whales and Other Cetaceans			[Resource Information]
Current Scientific Name	Status	Type of Presence	Buffer Status
Mammal			
Orcaella heinsohni			
Australian Snubfin Dolphin [81322]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Sousa sahulensis			
Australian Humpback Dolphin [87942]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Leslie Parade	Nature Refuge	QLD	In buffer area only
Murray's Environmental	Nature Refuge	QLD	In buffer area only

EPBC Act Referrals				[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Logan and Gold Coast Faster Rail	2022/09439		Assessment	In buffer area only
Loganlea Station Relocation and Park 'n' Ride Expansion	2022/09348		Completed	In buffer area only
Not controlled action				

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Clearance of approx 152ha of open forest vegetation for residential development at Mt Cotton Villag	2004/1592	Not Controlled Action	Completed	In feature area
Extension of existing hard rock quarry	2004/1713	Not Controlled Action	Completed	In buffer area only
GCCC Northern Wastewater Strategy and associated Reclaimed Water Scheme - Stage	2001/282	Not Controlled Action	Completed	In feature area
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Logan River Marina	2003/1176	Not Controlled Action	Completed	In feature area
Prawn Aquaculture Enterprise Expansion	2001/294	Not Controlled Action	Completed	In feature area
Residential estate Bunker Rd	2005/2130	Not Controlled Action	Completed	In buffer area only

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data is available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on the contents of this report.

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species

Threatened, migratory and marine species distributions have been discerned through a variety of methods. Where distributions are well known and if time permits, distributions are inferred from either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc.) together with point locations and described habitat; or modelled (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions when time permits.

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded breeding sites; and
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

-Office of Environment and Heritage, New South Wales
-Department of Environment and Primary Industries, Victoria
-Department of Primary Industries, Parks, Water and Environment, Tasmania
-Department of Environment, Water and Natural Resources, South Australia
-Department of Land and Resource Management, Northern Territory
-Department of Environmental and Heritage Protection, Queensland
-Department of Parks and Wildlife, Western Australia
-Environment and Planning Directorate, ACT
-Birdlife Australia
-Australian Bird and Bat Banding Scheme
-Australian National Wildlife Collection
-Natural history museums of Australia
-Museum Victoria
-Australian Museum
-South Australian Museum
-Queensland Museum
-Online Zoological Collections of Australian Museums
-Queensland Herbarium
-National Herbarium of NSW
-Royal Botanic Gardens and National Herbarium of Victoria
-Tasmanian Herbarium
-State Herbarium of South Australia
-Northern Territory Herbarium
-Western Australian Herbarium
-Australian National Herbarium, Canberra
-University of New England
-Ocean Biogeographic Information System
-Australian Government, Department of Defence
Forestry Corporation, NSW
-Geoscience Australia
-CSIRO
-Australian Tropical Herbarium, Cairns
-eBird Australia
-Australian Government – Australian Antarctic Data Centre
-Museum and Art Gallery of the Northern Territory
-Australian Government National Environmental Science Program
-Australian Institute of Marine Science
-Reef Life Survey Australia
-American Museum of Natural History
-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
-Tasmanian Museum and Art Gallery, Hobart, Tasmania
-Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the Contact us page.

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Appendix 3

Wildlife Online Database

WildNet Records
Species List

For the selected area of interest 1.36 Lot: 2 Plan: RP109991
Current as at 23/03/2026 WildNetSpeciesList

Summary Information
The following table provides an overview of the area of interest: Lot: 2 Plan: RP109991

Table 1. Area of interest details

Size (ha)	
1.36	
Local Government(s)	
Logan City	
Catchment(s)	
Logan-Albert	
Bioregion(s)	**Subregion(s)**
Southeast Queensland	Moreton Basin

Protected Area(s)

No estates or reserves are located within the area of interest.

World Heritage Area(s)

No World Heritage Areas are located within the area of interest.

Ramsar Area(s)

No Ramsar Areas are located within the area of interest.

Introduction
This WildNet report is derived from a spatial layer that is generated from the WildNet database, managed by the Department of the Environment, Tourism, Science and Innovation. The layer, which is generated weekly, contains a subset of WildNet wildlife records that are not classed as erroneous or duplicate, that have a location precision equal to or less than 10000 metres and do not have a count of zero. It does not include aspatial data such as some baseline species lists created for some protected areas.

The WildNet dataset is constantly being enhanced and the taxonomic and status information revised. If a species is not listed in this report, it does not mean it doesn't occur there and listed species may also no longer inhabit the area. It is recommended that you also access other internal and external data sources for species information in your area of interest.

The WildNet Application may provide additional information on species occurence within your area of interest.

Species data

Contextual location information is presented in Map 1.

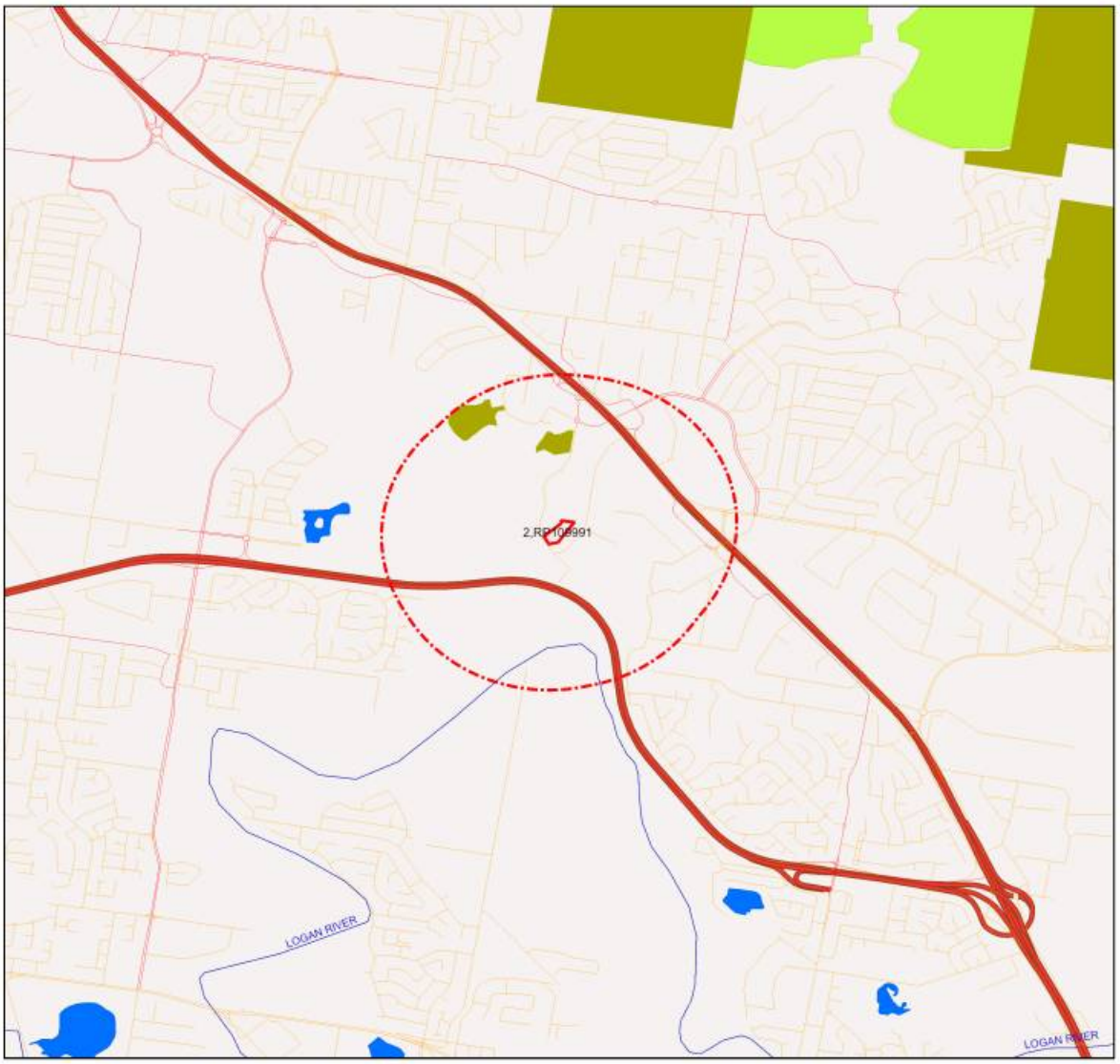
Table 2 lists the animals recorded within the area of interest and its one kilometre buffer.

Table 3 lists the plants recorded within the area of interest and its one kilometre buffer.

Table 4 lists the fungi recorded within the area of interest and its one kilometre buffer.

Table 5 lists the other species recorded within the area of interest and its one kilometre buffer.

Map 1. Locality Map

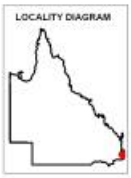


Locality Map

Legend

- Towns
- Freeways/Highways
- Connector
- Street/Local Road
- Lakes and reservoirs
- National Park
- National Park (Scientific)
- National Park (CYPAL)
- National Park (Aboriginal Land)
- Conservation Park
- Resources Reserve
- Forest Reserve
- State Forest
- Timber Reserve
- Nature Refuges
- Coordinated Conservation Areas
- Major rivers/creeks
- Queensland
- Selected Lot and Plan
- 1 kilometre buffer

LOCALITY DIAGRAM



N

0 420 840 1260 1680 2100 m

This product is displayed in GDA2020

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Table 2. Animals recorded within the area of interest and its one kilometre buffer

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
627	Amphibia	Hylidae	*Litoria caerulea*	common green treefrog	C		1	1	28/02/2022
608	Amphibia	Hylidae	*Litoria fallax*	eastern sedgefrog	C		4	4	23/02/2022
611	Amphibia	Hylidae	*Litoria gracilenta*	graceful treefrog	C		2	2	23/02/2022
596	Amphibia	Hylidae	*Litoria peronii*	emerald spotted treefrog	C		1	1	12/03/2021
681	Amphibia	Limnodynastidae	*Limnodynastes peronii*	striped marshfrog	C		7	7	28/11/2022
1396	Aves	Acanthizidae	*Gerygone olivacea*	white-throated gerygone	C		0	1	6/10/2005
1382	Aves	Acanthizidae	*Sericornis frontalis*	white-browed scrubwren	C		0	1	6/10/2005
1720	Aves	Accipitridae	*Haliastur indus*	brahminy kite	C		0	1	6/04/2006
1305	Aves	Acrocephalidae	*Acrocephalus australis*	Australian reed-warbler	C		0	1	6/10/2005
1767	Aves	Alcedinidae	*Dacelo novaeguineae*	laughing kookaburra	C		0	2	6/04/2006
1760	Aves	Alcedinidae	*Todiramphus macleayii*	forest kingfisher	C		0	1	6/10/2005
1762	Aves	Alcedinidae	*Todiramphus sanctus*	sacred kingfisher	C		0	1	6/10/2005
1993	Aves	Anatidae	*Anas gracilis*	grey teal	C		0	1	6/04/2006
1998	Aves	Anatidae	*Anas superciliosa*	Pacific black duck	C		0	2	6/04/2006
1999	Aves	Anatidae	*Aythya australis*	hardhead	C		0	1	6/04/2006
2003	Aves	Anatidae	*Chenonetta jubata*	Australian wood duck	C		0	1	6/04/2006
1831	Aves	Ardeidae	*Ardea intermedia*	intermediate egret	C		0	1	6/04/2006
1830	Aves	Ardeidae	*Bubulcus ibis*	cattle egret	C		0	1	6/04/2006
1654	Aves	Artamidae	*Cracticus nigrogularis*	pied butcherbird	C		0	2	6/04/2006
1656	Aves	Artamidae	*Cracticus torquatus*	grey butcherbird	C		0	1	31/07/1991
1644	Aves	Artamidae	*Gymnorhina tibicen*	Australian magpie	C		0	3	6/04/2006
1191	Aves	Cacatuidae	*Cacatua galerita*	sulphur-crested cockatoo	C		0	1	6/10/2005
1193	Aves	Cacatuidae	*Eolophus roseicapilla*	galah	C		0	1	6/10/2005

1636	Aves	Campephagidae	*Coracina novaehollandiae*	black-faced cuckoo-shrike	C		0	4	6/04/2006
27774	Aves	Charadriidae	*Vanellus miles*	masked lapwing	C		0	1	6/04/2006
1294	Aves	Cisticolidae	*Cisticola exilis*	golden-headed cisticola	C		0	1	6/04/2006
1804	Aves	Columbidae	*Columba livia*	rock dove			0	1	6/04/2006
1810	Aves	Columbidae	*Geopelia humeralis*	bar-shouldered dove	C		0	1	6/10/2005
1793	Aves	Columbidae	*Ocyphaps lophotes*	crested pigeon	C		0	2	6/04/2006
1774	Aves	Columbidae	*Spilopelia chinensis*	spotted dove			0	2	20/01/1992
1609	Aves	Corvidae	*Corvus orru*	Torresian crow	C		0	3	6/04/2006
1754	Aves	Cuculidae	*Cacomantis flabelliformis*	fan-tailed cuckoo	C		0	1	6/10/2005
1738	Aves	Cuculidae	*Eudynamys orientalis*	eastern koel	C		0	2	6/10/2005
1740	Aves	Cuculidae	*Scythrops novaehollandiae*	channel-billed cuckoo	C		0	1	6/10/2005
1601	Aves	Dicruridae	*Dicrurus bracteatus*	spangled drongo	C		0	2	6/04/2006
1359	Aves	Estrildidae	*Neochmia temporalis*	red-browed finch	C		0	2	6/04/2006
1342	Aves	Estrildidae	*Taeniopygia bichenovii*	double-barred finch	C		0	1	6/04/2006
1691	Aves	Falconidae	*Falco longipennis*	Australian hobby	C		0	1	6/04/2006
1572	Aves	Hirundinidae	*Hirundo neoxena*	welcome swallow	C		0	2	6/04/2006
1570	Aves	Maluridae	*Malurus cyaneus*	superb fairy-wren	C		0	1	6/04/2006
18458	Aves	Maluridae	*Malurus lamberti*	variegated fairy-wren	C		0	1	6/04/2006
1558	Aves	Maluridae	*Malurus melanocephalus*	red-backed fairy-wren	C		0	2	6/04/2006
1539	Aves	Meliphagidae	*Entomyzon cyanotis*	blue-faced honeyeater	C		0	1	31/07/1991
1500	Aves	Meliphagidae	*Manorina melanocephala*	noisy miner	C		0	4	6/04/2006
1489	Aves	Meliphagidae	*Myzomela sanguinolenta*	scarlet honeyeater	C		0	1	6/10/2005
1493	Aves	Meliphagidae	*Philemon citreogularis*	little friarbird	C		0	1	20/01/1992
1494	Aves	Meliphagidae	*Philemon corniculatus*	noisy friarbird	C		0	2	20/01/1992

1764	Aves	Meropidae	*Merops ornatus*	rainbow bee-eater	C		0	1	6/10/2005
1589	Aves	Monarchidae	*Grallina cyanoleuca*	magpie-lark	C		0	2	6/04/2006
1442	Aves	Oriolidae	*Oriolus sagittatus*	olive-backed oriole	C		0	3	6/10/2005
1449	Aves	Pachycephalidae	*Colluricincla harmonica*	grey shrike-thrush	C		0	1	20/01/1992
1437	Aves	Pachycephalidae	*Pachycephala rufiventris*	rufous whistler	C		0	1	6/10/2005
1392	Aves	Pardalotidae	*Pardalotus striatus*	striated pardalote	C		0	1	6/04/2006
1284	Aves	Pelecanidae	*Pelecanus conspicillatus*	Australian pelican	C		0	2	6/04/2006
1261	Aves	Phalacrocoracidae	*Microcarbo melanoleucos*	little pied cormorant	C		0	1	6/04/2006
1263	Aves	Phalacrocoracidae	*Phalacrocorax sulcirostris*	little black cormorant	C		0	1	6/04/2006
1955	Aves	Podargidae	*Podargus strigoides*	tawny frogmouth	C		0	1	26/08/2019
1249	Aves	Podicipedidae	*Tachybaptus novaehollandiae*	Australasian grebe	C		0	1	6/04/2006
1136	Aves	Psittaculidae	*Platycercus adscitus*	pale-headed rosella	C		0	2	6/04/2006
1124	Aves	Psittaculidae	*Trichoglossus chlorolepidotus*	scaly-breasted lorikeet	C		0	3	6/10/2005
1125	Aves	Psittaculidae	*Trichoglossus moluccanus*	rainbow lorikeet	C		0	3	6/04/2006
1673	Aves	Rallidae	*Gallinula tenebrosa*	dusky moorhen	C		0	1	6/04/2006
1662	Aves	Rallidae	*Porphyrio melanotus*	purple swamphen	C		0	1	6/04/2006
1575	Aves	Rhipiduridae	*Rhipidura albiscapa*	grey fantail	C		0	1	6/04/2006
1576	Aves	Rhipiduridae	*Rhipidura leucophrys*	willie wagtail	C		0	1	6/04/2006
1102	Aves	Strigidae	*Ninox boobook*	southern boobook	C		0	1	12/08/2019
1107	Aves	Strigidae	*Ninox strenua*	powerful owl	V		0	8	28/07/2019
1314	Aves	Sturnidae	*Acridotheres tristis*	common myna			0	1	6/04/2006
1812	Aves	Threskiornithidae	*Threskiornis molucca*	Australian white ibis	C		0	1	6/04/2006
1800	Aves	Threskiornithidae	*Threskiornis spinicollis*	straw-necked ibis	C		0	1	6/04/2006
1276	Aves	Zosteropidae	*Zosterops lateralis*	silvereye	C		0	1	6/04/2006

860	Mammalia	Phascolarctidae	*Phascolarctos cinereus*	koala	E	E	0	144	26/09/2024
838	Mammalia	Tachyglossidae	*Tachyglossus aculeatus*	short-beaked echidna	SL		0	1	8/11/2022
554	Reptilia	Agamidae	*Intellagama lesueurii*	eastern water dragon	C		0	1	11/11/2022

Table 3. Plants recorded within the area of interest and its one kilometre buffer

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
16375	Equisetopsida	Acanthaceae	*Pseuderanthemum variabile*	pastel flower	C		0	2	22/01/1994
18026	Equisetopsida	Amaranthaceae	*Alternanthera denticulata*	lesser joyweed	C		0	1	22/01/1994
15513	Equisetopsida	Amaryllidaceae	*Crinum pedunculatum*	river lily	SL		0	2	22/01/1994
19732	Equisetopsida	Apocynaceae	*Alyxia ruscifolia*		C		0	1	29/10/1992
16526	Equisetopsida	Apocynaceae	*Parsonsia straminea*	monkey rope	C		0	2	22/01/1994
16772	Equisetopsida	Asparagaceae	*Lomandra hystrix*		C		0	2	22/01/1994
14001	Equisetopsida	Asteraceae	*Cirsium vulgare*	spear thistle			0	1	22/01/1994
17732	Equisetopsida	Capparaceae	*Capparis sarmentosa*	scrambling caper	C		0	1	29/10/1992
16964	Equisetopsida	Celastraceae	*Hippocratea barbata*	knotvine	C		0	1	29/10/1992
14467	Equisetopsida	Convolvulaceae	*Ipomoea cairica*				0	4	22/01/1994
41455	Equisetopsida	Elaeocarpaceae	*Elaeocarpus obovatus subsp. obovatus*		C		2	2	14/09/2021
18050	Equisetopsida	Euphorbiaceae	*Alchornea ilicifolia*	native holly	C		0	2	22/01/1994
16715	Equisetopsida	Euphorbiaceae	*Mallotus philippensis*	red kamala	C		0	1	29/10/1992
17118	Equisetopsida	Flagellariaceae	*Flagellaria indica*	whip vine	C		0	3	8/05/1993
15350	Equisetopsida	Hemerocallidaceae	*Geitonoplesium cymosum*	scrambling lily	C		0	1	22/01/1994
18814	Equisetopsida	Lamiaceae	*Vitex lignum-vitae*		C		0	1	8/05/1993
11859	Equisetopsida	Lauraceae	*Cinnamomum camphora*	camphor laurel			0	1	22/01/1994
17541	Equisetopsida	Lauraceae	*Cryptocarya triplinervis*		C		0	2	22/01/1994
15339	Equisetopsida	Laxmanniaceae	*Eustrephus latifolius*	wombat berry	C		0	1	29/10/1992
15827	Equisetopsida	Leguminosae	*Acacia aulacocarpa*		C		0	2	22/01/1994

15772	Equisetopsida	Leguminosae	*Acacia maidenii*	Maiden's wattle	C		0	1	29/10/1992
15609	Equisetopsida	Leguminosae	*Austrosteenisia blackii*	bloodvine	C		0	4	22/01/1994
16959	Equisetopsida	Malvaceae	*Hibiscus splendens*	pink hibiscus	C		0	2	29/10/1992
16195	Equisetopsida	Malvaceae	*Sida cordifolia*				0	1	22/01/1994
16661	Equisetopsida	Meliaceae	*Melia azedarach*	white cedar	C		0	1	29/10/1992
9049	Equisetopsida	Menispermaceae	*Echinostephia aculeata*	prickly snake vine	C		0	1	29/10/1992
13320	Equisetopsida	Monimiaceae	*Wilkiea huegeliana*	veiny wilkiea	C		0	1	29/10/1992
17132	Equisetopsida	Moraceae	*Ficus coronata*	creek sandpaper fig	C		0	2	22/01/1994
17143	Equisetopsida	Moraceae	*Ficus obliqua*		C		0	1	29/10/1992
13825	Equisetopsida	Moraceae	*Maclura cochinchinensis*	cockspur thorn	C		0	1	22/01/1994
4116	Equisetopsida	Moraceae	*Malaisia scandens subsp. scandens*		C		0	4	22/01/1994
13303	Equisetopsida	Moraceae	*Morus alba*	white mulberry			0	1	22/01/1994
9118	Equisetopsida	Moraceae	*Streblus brunonianus*	whalebone tree	C		0	2	22/01/1994
30305	Equisetopsida	Myrsinaceae	*Myrsine howittiana*		C		3	3	27/06/2022
18108	Equisetopsida	Myrtaceae	*Acmena smithii*	lillypilly satinash	C		1	1	22/04/2021
17259	Equisetopsida	Myrtaceae	*Eucalyptus drepanophylla*		C		0	1	29/10/1992
17204	Equisetopsida	Myrtaceae	*Eucalyptus tereticornis*		C		0	1	22/01/1994
27383	Equisetopsida	Myrtaceae	*Gossia bidwillii*		C		0	1	8/05/1993
27386	Equisetopsida	Myrtaceae	*Gossia gonoclada*		CR	E	16	18	25/11/2022
27387	Equisetopsida	Myrtaceae	*Gossia hillii*		CR		1	2	28/01/2022
16780	Equisetopsida	Myrtaceae	*Lophostemon confertus*	brush box	C		0	1	29/10/1992
16684	Equisetopsida	Myrtaceae	*Melaleuca bracteata*		C		0	1	22/01/1994
13402	Equisetopsida	Myrtaceae	*Rhodamnia argentea*	white myrtle	C		1	1	21/11/2023
16078	Equisetopsida	Myrtaceae	*Syzygium australe*	scrub cherry	C		0	1	22/01/1994

14194	Equisetopsida	Myrtaceae	*Syzygium francisii*	giant watergum	C		0	3	22/01/1994
13390	Equisetopsida	Ochnaceae	*Ochna serrulata*	ochna			0	2	22/01/1994
16795	Equisetopsida	Oleaceae	*Ligustrum sinense*	small-leaved privet			0	2	22/01/1994
13439	Equisetopsida	Oleaceae	*Notelaea longifolia*		C		0	1	29/10/1992
16583	Equisetopsida	Oleaceae	*Notelaea punctata*		C		1	1	10/08/2021
9457	Equisetopsida	Oxalidaceae	*Oxalis corniculata*				0	1	22/01/1994
16532	Equisetopsida	Passifloraceae	*Passiflora suberosa*	corky passion flower			0	2	8/05/1993
14706	Equisetopsida	Phyllanthaceae	*Cleistanthus cunninghamii*	omega	C		0	2	22/01/1994
9378	Equisetopsida	Phyllanthaceae	*Glochidion ferdinandi*		C		0	1	22/01/1994
16459	Equisetopsida	Pittosporaceae	*Pittosporum revolutum*	yellow pittosporum	C		0	2	22/01/1994
22387	Equisetopsida	Pittosporaceae	*Pittosporum spinescens*		C		0	1	22/01/1994
9973	Equisetopsida	Poaceae	*Axonopus fissifolius*				0	1	22/01/1994
11066	Equisetopsida	Poaceae	*Digitaria didactyla*	Queensland blue couch			0	1	22/01/1994
15163	Equisetopsida	Poaceae	*Oplismenus aemulus*	creeping shade grass	C		0	1	22/01/1994
13924	Equisetopsida	Proteaceae	*Grevillea robusta*		C		0	1	22/01/1994
9557	Equisetopsida	Putranjivaceae	*Drypetes deplanchei*	grey boxwood	C		0	1	29/10/1992
9659	Equisetopsida	Rhamnaceae	*Alphitonia excelsa*	soap tree	C		0	1	29/10/1992
27436	Equisetopsida	Rubiaceae	*Cyclophyllum coprosmoides*		C		0	2	29/10/1992
27437	Equisetopsida	Rubiaceae	*Cyclophyllum coprosmoides var. coprosmoides*		C		1	1	25/03/2013
34588	Equisetopsida	Rubiaceae	*Gynochthodes jasminoides*		C		0	3	22/01/1994
11300	Equisetopsida	Rutaceae	*Flindersia australis*	crow's ash	C		0	2	29/10/1992
16182	Equisetopsida	Salicaceae	*Scolopia braunii*	flintwood	C		0	1	22/01/1994
17548	Equisetopsida	Sapindaceae	*Cupaniopsis anacardioides*	tuckeroo	C		0	1	22/01/1994
13686	Equisetopsida	Sapindaceae	*Cupaniopsis parvifolia*	small-leaved tuckeroo	C		0	2	22/01/1994

16885	Equisetopsida	Sapindaceae	*Jagera pseudorhus*		C		0	2	22/01/1994
15881	Equisetopsida	Smilacaceae	*Smilax australis*	barbed-wire vine	C		0	4	22/01/1994
19905	Equisetopsida	Verbenaceae	*Lantana camara*	lantana			0	4	22/01/1994
42132	Equisetopsida	Vitaceae	*Apocissus antarctica*		C		0	1	8/05/1993

Table 4. Fungi recorded within the area of interest and its one kilometre buffer

No species found within the area of interest and its one kilometre buffer.

Table 5. Other species recorded within the area of interest and its one kilometre buffer

No species found within the area of interest and its one kilometre buffer.

Species table headings and codes
Taxon Id: Unique identifier of the taxon from the WildNet database.
NCA: Queensland conservation status of the taxon under the *Nature Conservation Act 1992* (Least Concern (C), Critically Endangered (CR), Endangered (E), Extinct (EX), Near Threatened (NT), Extinct in the Wild (PE), Special Least Concern (SL), and Vulnerable (V)).
EPBC: Australian conservation status of the taxon under the *Environment Protection and Biodiversity Conservation Act 1999* (Conservation Dependent (CD), Critically Endangered (CE), Endangered (E), Extinct (EX), Vulnerable (V), and Extinct in the Wild (XW)).
Specimens: The number of specimen-backed records of the taxon.
Records: The total number of records of the taxon.
Last record: Date of most recent record of the taxon.

Links and Support

Other sites that deliver species information from the WildNet database include:

- WildNet Application - public interface to find species information and species lists generated from the WildNet database.
- Biomaps - view biodiversity information, including WildNet records approved for publication, and generate reports
- Queensland Globe - view spatial information, including WildNet records approved for publication
- Qld WildNet Data API - access WildNet species information approved for publication such as notes, images and records etc.
- Wetland*Maps* - view species records, survey locations etc. approved for publication
- Wetland*Summary* - view wildlife statistics, species lists for a range of area types, and access WildNet species profiles
- WildNet wildlife records - published - Queensland - spatial layer of WildNet records approved for publication generated weekly
- Generalised distribution and densities of Queensland wildlife - Queensland species distributions and densities generalised to a 10 km grid resolution
- Conservation status of Queensland wildlife - access current lists of priority species for Queensland including nomenclature and status information
- Queensland Confidential Species - the list of species flagged as confidential in the WildNet database.

Please direct queries about this report to the WildNet Team WildNet@detsi.qld.gov.au.

Other useful sites for accessing Queensland biodiversity data include:

- Useful wildlife resources
- Queensland Government Data
- Atlas of Living Australia (ALA)
- Online Zoological Collections of Australian Museums (OZCAM)
- Australasian Virtual Herbarium (AVH)
- Protected Matters Search Tool

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Appendix 4

DOR Vegetation Management Report



Vegetation management report

For Lot: 2 Plan: RP109991
23/03/2026

nrmmrrd.qld.gov.au

Queensland Government

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Recent changes

Updated mapping

Updated vegetation mapping was released on 22 November 2023 and includes the most recent Queensland Herbarium scientific updates to the Regulated Vegetation Management Map, regional ecosystems, essential habitat, wetland and high-value regrowth mapping.

The Department of the Environment, Tourism, Science and Innovation have also updated their koala protection mapping to align with the Queensland Herbarium scientific updates.

The latest version (v10) of the Protected Plants Flora Survey Trigger Map (trigger map) was released on 6 September 2023.

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 and Mines, Manufacturing, and Regional and Rural Development 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 the Environment, Tourism, Science and Innovation 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 the Environment, Tourism, Science and Innovation 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 8 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: 2 Plan: RP109991 are listed in Table 1.

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

Lot	Plan	Tenure	Property title area (sq metres)
2	RP109991	Freehold	13,640

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.

Does the property Lot: 2 Plan: RP109991 have a freehold tenure and is in the Wet Tropics of Queensland World Heritage Area?

No, this property is not located in the Wet Tropics of Queensland World Heritage Area.

1.2 Property location

Table 2 provides a summary of the locations for property Lot: 2 Plan: RP109991, in relation to natural and administrative boundaries.

Table 2: Property location details

Local Government(s)	Catchment(s)	Bioregion(s)	Subregion(s)
Logan City	Logan-Albert	Southeast Queensland	Moreton Basin

2. Vegetation management framework (administered by the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development)

The *Vegetation Management Act 1999* (VMA), the Vegetation Management Regulation 2023, 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 identified in the Vegetation Management Regional Ecosystem Description Database (VM REDD) as having a grassland structure; and
- a mangrove.

2.1 Exempt clearing work

Exempt clearing work is an activity for which you do not need to notify the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development 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 the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development 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.qld.gov.au/environment/land/management/vegetation/clearing-approvals/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 the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development 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/management/vegetation/clearing-approvals/codes/

If you intend to clear vegetation under an accepted development vegetation clearing code, you must notify the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development before commencing. The information in this report will assist you to complete the online notification form.

You can complete the online form at
https://vegetation-apps.dnrm.qld.gov.au

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 Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development and then follow the conditions and requirements listed in the AMP.

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/area-management-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/clearing-approvals/development

2.5. Contact information for the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development

For further information on the vegetation management framework:

Phone 135VEG (135 834)

Email vegetation@nrmmrrd.qld.gov.au

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

3. Vegetation management framework for Lot: 2 Plan: RP109991

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

Vegetation category	Area (ha)
Category B	0.58
Category X	0.78

Table 4: Description of vegetation categories

Category	Colour on Map	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 the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development to confirm any requirements in a Category A area.
B	dark blue	Remnant vegetation areas	Exempt clearing work, or notification and compliance with accepted development vegetation clearing codes, area management plans or development approval.
C	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 the Department 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
12.11.5	Least concern	B	0.58	Corymbia citriodora subsp. variegata woodland to open forest +/- Eucalyptus siderophloia/E. crebra, E. carnea, E. acmenoides, E. propinqua on metamorphics +/- interbedded volcanics	Mid-dense
non-rem	None	X	0.78	None	None

Please note:
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.

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

Under the VMA, essential habitat for protected wildlife is native wildlife prescribed under the *Nature Conservation Act 1992* (NCA) as critically endangered, 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.

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
860	Phascolarctos cinereus	koala	E	Open forests and woodlands containing Eucalyptus, Corymbia, Lophostemon or Melaleuca trees having a trunk of a diameter of more than 10cm at 1.3m above the ground. Tree species used for food and habitat varies across the state and can include: Corymbia citriodora, Corymbia henryi, Corymbia intermedia, Eucalyptus acmenoides, Eucalyptus bancroftii, Eucalyptus biturbinata, Eucalyptus blakelyi, Eucalyptus brownii, Eucalyptus camaldulensis, Eucalyptus carnea, Eucalyptus chloroclada, Eucalyptus coolabah, Eucalyptus crebra, Eucalyptus dealbata, Eucalyptus drepanophylla, Eucalyptus dunnii, Eucalyptus eugenioides, Eucalyptus exserta, Eucalyptus fibrosa, Eucalyptus grandis, Eucalyptus helidonica, Eucalyptus latisinensis, Eucalyptus longirostrata, Eucalyptus major, Eucalyptus melanophloia, Eucalyptus melliodora, Eucalyptus microcarpa, Eucalyptus microcorys, Eucalyptus microtheca, Eucalyptus moluccana, Eucalyptus montivaga, Eucalyptus orgadophila, Eucalyptus papuana, Eucalyptus pilularis, Eucalyptus platyphylla, Eucalyptus populnea, Eucalyptus portuensis, Eucalyptus propinqua, Eucalyptus racemosa, Eucalyptus resinifera, Eucalyptus robusta, Eucalyptus saligna, Eucalyptus seeana, Eucalyptus siderophloia, Eucalyptus sideroxylon, Eucalyptus tereticornis, Eucalyptus thozetiana, Eucalyptus tindaliae, Eucalyptus umbra, Lophostemon confertus, Melaleuca leucadendra, Melaleuca quinquenervia.	Sea level to 1000m.		Riparian areas, plains and hill/escarpment slopes.
1107	Ninox strenua	powerful owl	V	Wet and dry tall open eucalypt forest (Eucalyptus pilularis, E. acmenoides, E. tereticornis, E. camaldulensis, E. crebra, E. melliodora, Corymbia citriodora & C. intermedia), including mountain forest gullies/gorges; forests aged 60+ years (large & old) on fertile soils with suitable hollows; roosting in dense foliage of closed forest (occasionally caves) and foraging in open forest and woodland including areas adjacent to urban/rural development. Nest in large hollows (45-75cm diameter, 50-180cm deep) 6-45m above ground, in large (>100cm dbh) old eucalypts on the side or at the head of heavily wooded gully.	Sea level to 1000m.		Gully.
27386	Gossia gonoclada		CR	riparian closed forest with Eucalyptus tereticornis emergents; simple notophyll mixed tall closed forest.	0 to 100 m	brown clay loam soil	alluvial terrace or steep slope

Label	Regional Ecosystem (mandatory unless otherwise specified)
860	4.3.1, 4.3.2, 4.3.3, 4.3.4, 4.3.5, 4.3.6, 4.3.8, 4.3.10, 4.3.11, 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, 6.5.3, 6.5.5, 6.5.6, 6.5.7, 6.5.8, 6.5.9, 6.5.10, 6.5.11, 6.5.13, 6.5.14, 6.5.15, 6.5.16, 6.5.17, 6.5.18, 6.5.19, 6.6.2, 6.7.1, 6.7.2, 6.7.5, 6.7.6, 6.7.7, 6.7.9, 6.7.11, 6.7.12, 6.7.13, 6.7.14, 6.7.17, 6.9.3, 7.2.3, 7.2.4, 7.2.7, 7.2.11, 7.3.7, 7.3.8, 7.3.9, 7.3.12, 7.3.13, 7.3.14, 7.3.16, 7.3.19, 7.3.20, 7.3.21, 7.3.25, 7.3.26, 7.3.39, 7.3.40, 7.3.42, 7.3.43, 7.3.44, 7.3.45, 7.3.47, 7.3.48, 7.3.50, 7.5.1, 7.5.2, 7.5.3, 7.5.4, 7.8.7, 7.8.8, 7.8.10, 7.8.15, 7.8.16, 7.8.17, 7.8.18, 7.8.19, 7.11.5, 7.11.6, 7.11.13, 7.11.14, 7.11.16, 7.11.18, 7.11.19, 7.11.20, 7.11.21, 7.11.31, 7.11.32, 7.11.33, 7.11.34, 7.11.35, 7.11.37, 7.11.41, 7.11.42, 7.11.43, 7.11.44, 7.11.45, 7.11.46, 7.11.47, 7.11.48, 7.11.49, 7.11.50, 7.11.51, 7.12.4, 7.12.5, 7.12.17, 7.12.21, 7.12.22, 7.12.23, 7.12.24, 7.12.25, 7.12.26, 7.12.27, 7.12.28, 7.12.29, 7.12.30, 7.12.33, 7.12.34, 7.12.35, 7.12.51, 7.12.52, 7.12.53, 7.12.54, 7.12.55, 7.12.56, 7.12.57, 7.12.58, 7.12.59, 7.12.60, 7.12.61, 7.12.62, 7.12.63, 7.12.65, 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, 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, 8.12.29, 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, 9.3.10, 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, 9.5.1, 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, 9.5.15, 9.5.16, 9.5.17, 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27386	12.3.1, 12.3.11, 12.11.10

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: 2 Plan: RP109991.

4. Vegetation management framework maps

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

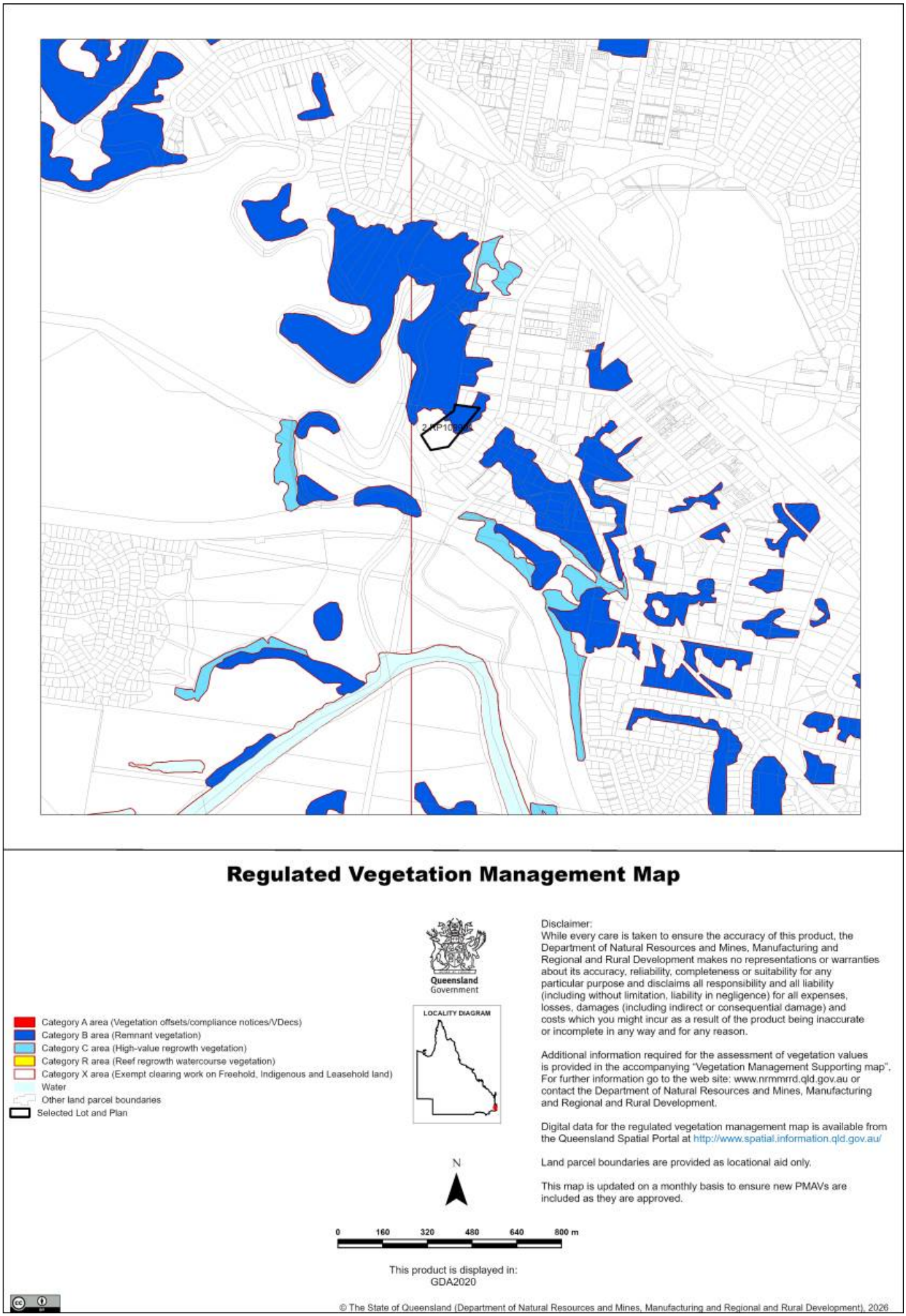
Regulated vegetation management map
The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new property maps of assessable vegetation (PMAV).

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

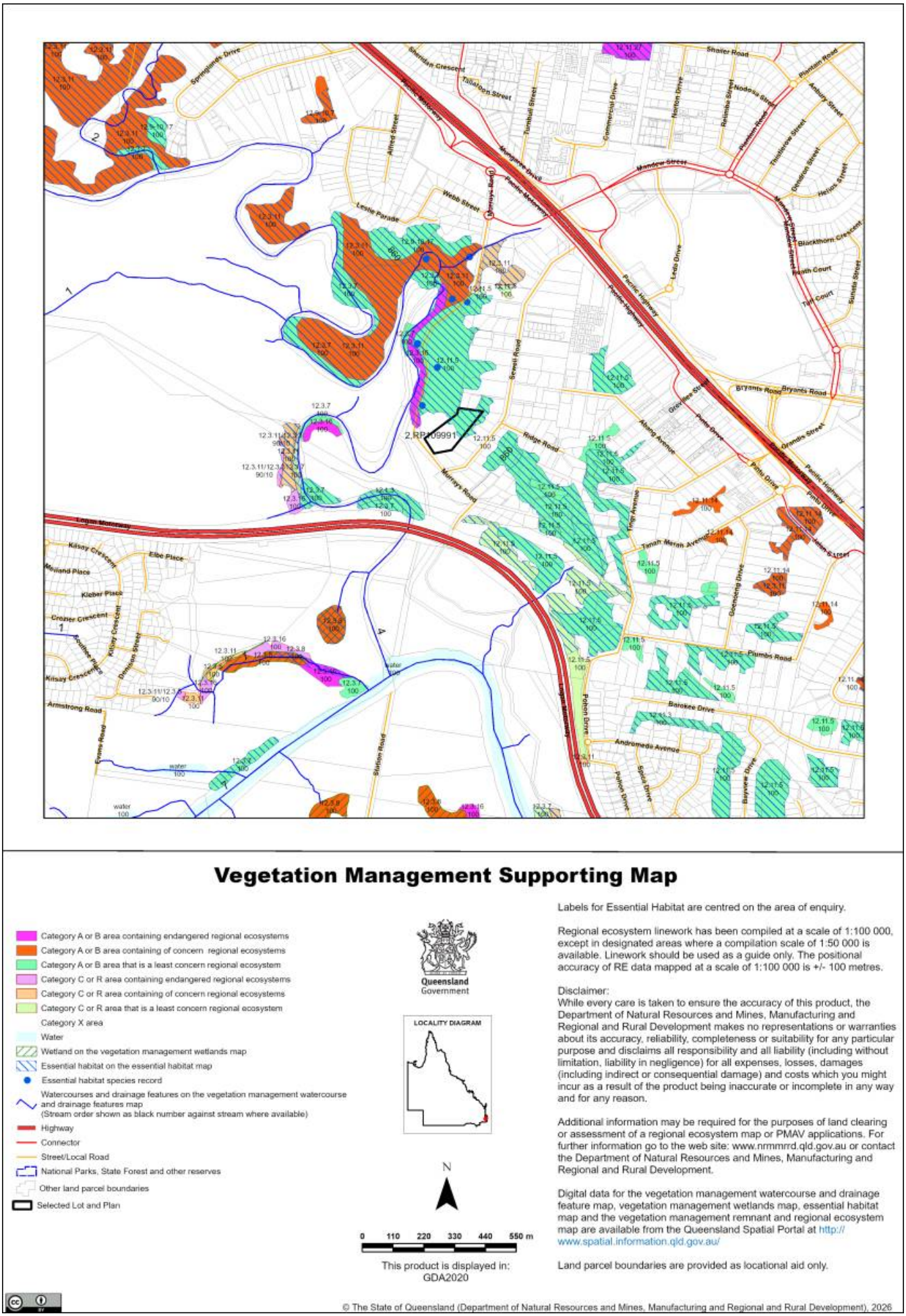
Coastal/non-coastal map
The coastal/non-coastal map confirms whether the lot, or which parts of the lot, are considered coastal or non-coastal for the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP).

Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture
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



Vegetation Management Supporting Map

- Category A or B area containing endangered regional ecosystems
- Category A or B area containing of concern regional ecosystems
- Category A or B area that is a least concern regional ecosystem
- Category C or R area containing endangered regional ecosystems
- Category C or R area containing of concern regional ecosystems
- Category C or R area that is a least concern regional ecosystem
- Category X area
- Water
- Wetland on the vegetation management wetlands map
- Essential habitat on the essential habitat map
- Essential habitat species record
- Watercourses and drainage features on the vegetation management watercourse and drainage features map (Stream order shown as black number against stream where available)
- Highway
- Connector
- Street/Local Road
- National Parks, State Forest and other reserves
- Other land parcel boundaries
- Selected Lot and Plan

Queensland Government

LOCALITY DIAGRAM

N

0 110 220 330 440 550 m

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Labels for Essential Habitat are centred on the area of enquiry.

Regional ecosystem linework has been compiled at a scale of 1:100 000, except in designated areas where a compilation scale of 1:50 000 is available. Linework should be used as a guide only. The positional accuracy of RE data mapped at a scale of 1:100 000 is +/- 100 metres.

Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

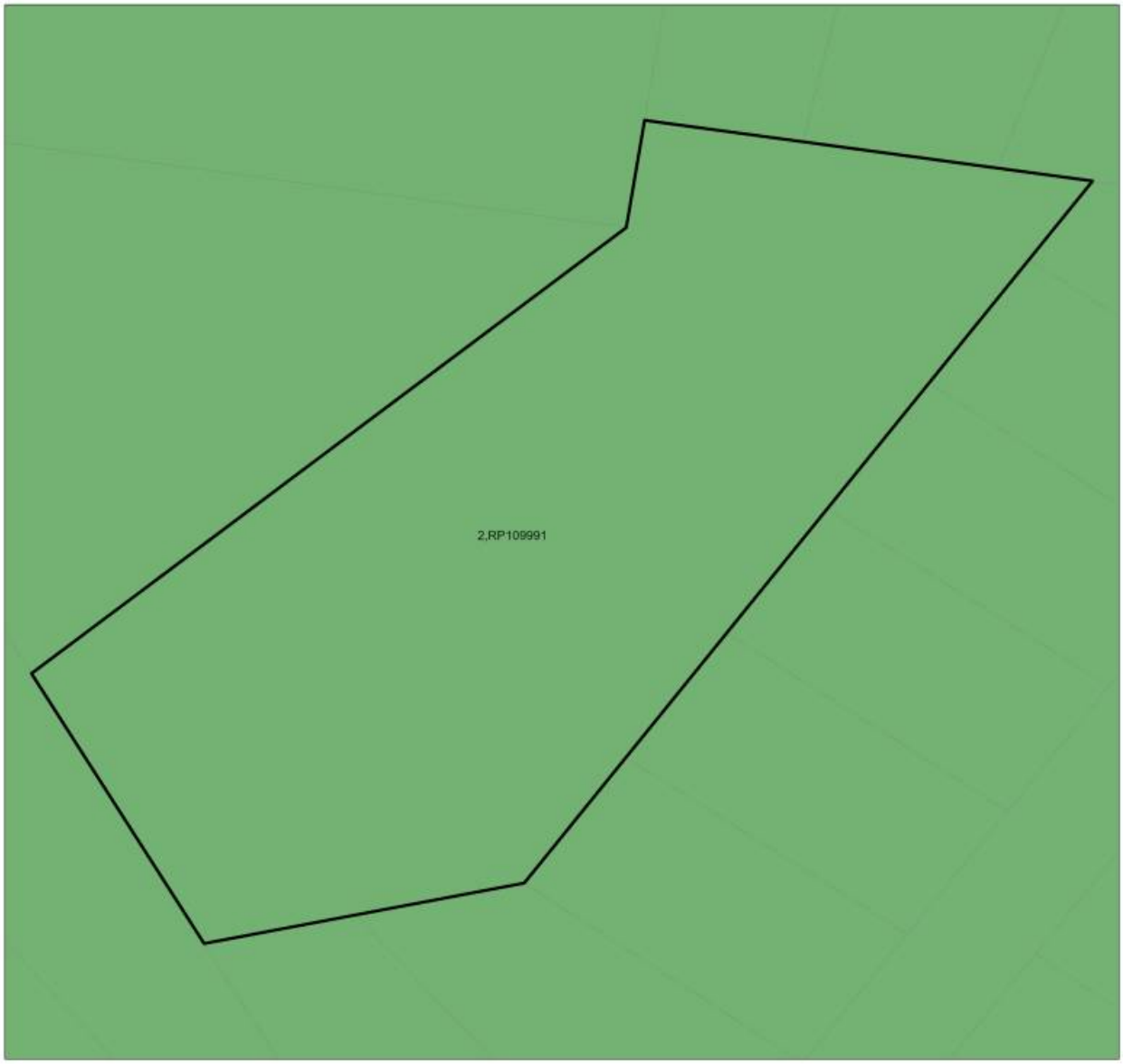
Additional information may be required for the purposes of land clearing or assessment of a regional ecosystem map or PMAV applications. For further information go to the web site: www.nrmmrrd.qld.gov.au or contact the Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development.

Digital data for the vegetation management watercourse and drainage feature map, vegetation management wetlands map, essential habitat map and the vegetation management remnant and regional ecosystem map are available from the Queensland Spatial Portal at http://www.spatial.information.qld.gov.au/

Land parcel boundaries are provided as locational aid only.

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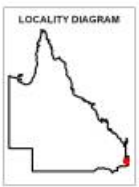
4.3 Coastal/non-coastal map



Coastal/Non Coastal Map

Coastal
Non Coastal
Other land parcel boundaries
Selected Lot and Plan

LOCALITY DIAGRAM



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Land parcel boundaries shown are provided as a locational aid only.

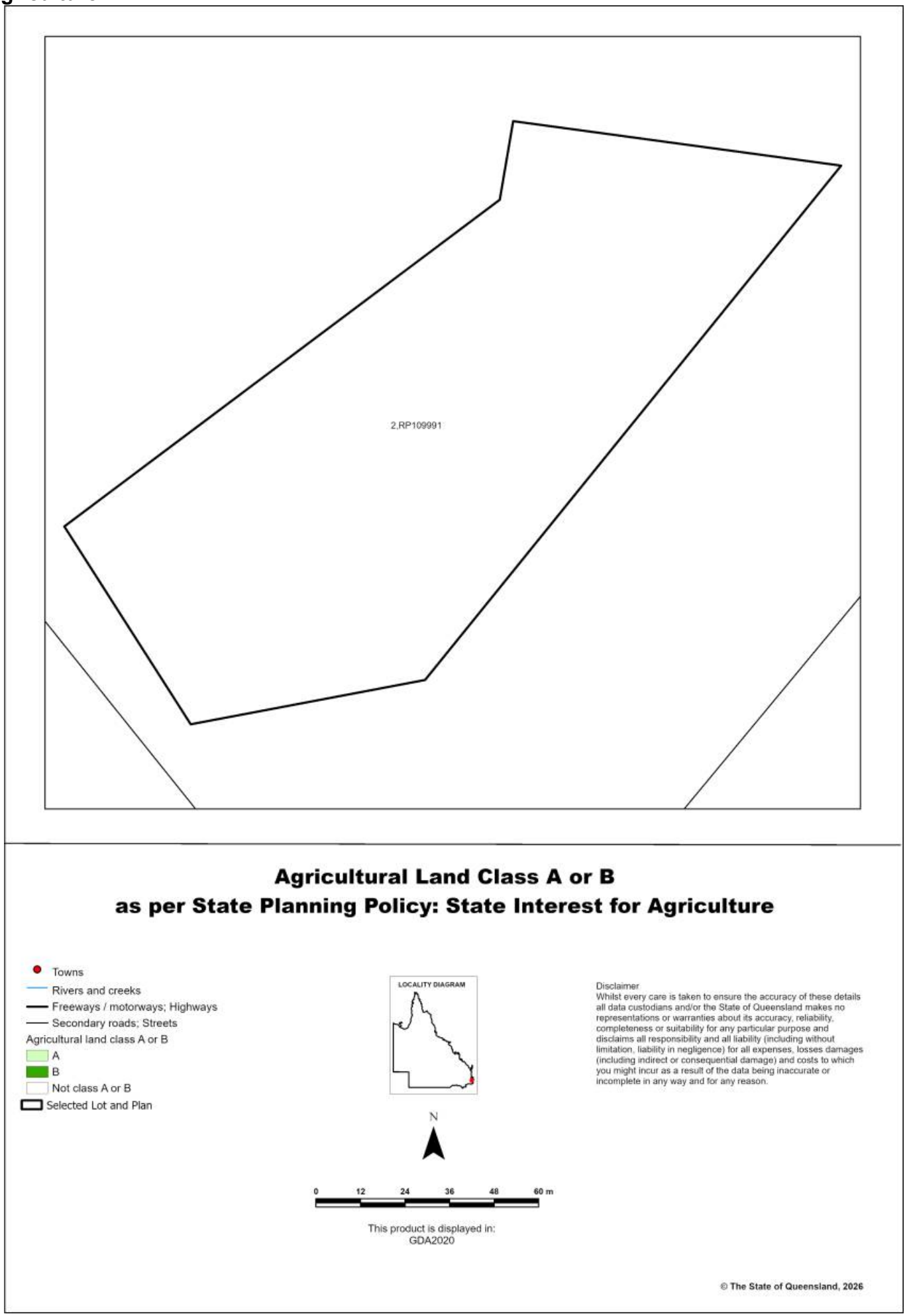
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4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture



5. Protected plants framework (administered by the Department of the Environment, Tourism, Science and Innovation (DETSI))

In Queensland, all plants that are native to Australia are protected plants under the *Nature Conservation Act 1992* (NCA). The NCA regulates the clearing of protected plants 'in the wild' (see Operational policy: When a protected plant in Queensland is considered to be 'in the wild') 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 threatened and near threatened plants. These are areas where threatened or near threatened 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 Flora survey guidelines. The main objective of a flora survey is to locate any threatened or near threatened plants that may be present in the clearing impact area.

If the flora survey identifies that threatened or near threatened plants are not present within the clearing impact area or clearing within 100m of Endangered, Vulnerable, Near-Threatened (EVNT) plants can be avoided, the clearing activity is exempt from a permit. An exempt clearing notification form must be submitted to the Department of the Environment, Tourism, Science and Innovation, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that threatened or near threatened 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 clearing permit application form.

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 threatened or near threatened plantsare 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 DETSI

For further information on the protected plants framework:
Phone 1300 130 372 (and select option four)
Email palm@detsi.qld.gov.au
Visit https://www.qld.gov.au/environment/plants-animals/plants/protected-plants

5.5 Protected plants flora survey trigger map

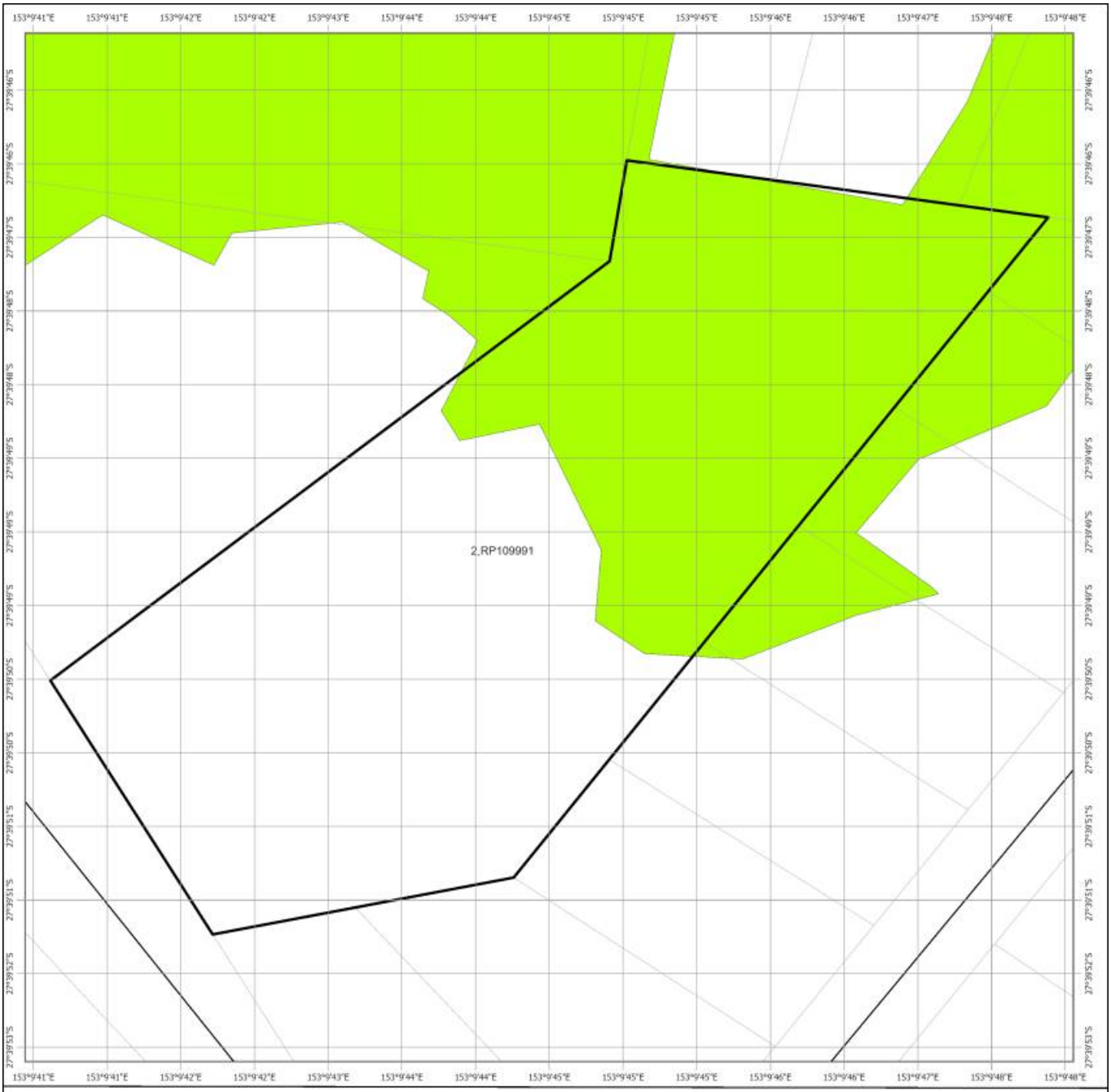
This map included may also be requested individually at: https://apps.des.qld.gov.au/map-request/flora-survey-trigger/.

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

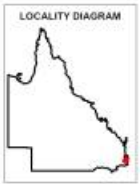
Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the Queensland Spatial Catalogue, the Department of the Environment, Tourism, Science and Innovation does not provide species 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 the Environment, Tourism, Science and Innovation webpage on the clearing of protected plants for more information.



Protected Plants Flora Survey Trigger Map

High risk area
Other land parcel boundaries
Freeways / motorways / highways
Secondary roads / streets
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 8.2 16.4 24.6 32.8 41 m

This product is displayed in:
GDA2020

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

Land parcel boundaries are provided as locational aid only.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of the Environment, Tourism, Science and Innovation at palm@detsi.qld.gov.au

Disclaimer: While every care is taken to ensure the accuracy of the data used to generate this product, the Queensland Government makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which might be incurred as a consequence of reliance on the data, or as a result of the data being inaccurate or incomplete in any way and for any reason.

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6. Koala protection framework (administered by the Department of the Environment, Tourism, Science and Innovation (DETSI))

The koala (*Phascolarctos cinereus*) is listed in Queensland as endangered 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 (Animals) Regulation 2020, 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.qld.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 Planning Regulation 2017. More information on exempted development can be found here:
https://environment.des.qld.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 Guideline - Assessment Benchmarks in relation to Koala Habitat in South East Queensland assessment benchmarks 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 Nature Conservation (Koala) Conservation Plan 2017 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 DETSI

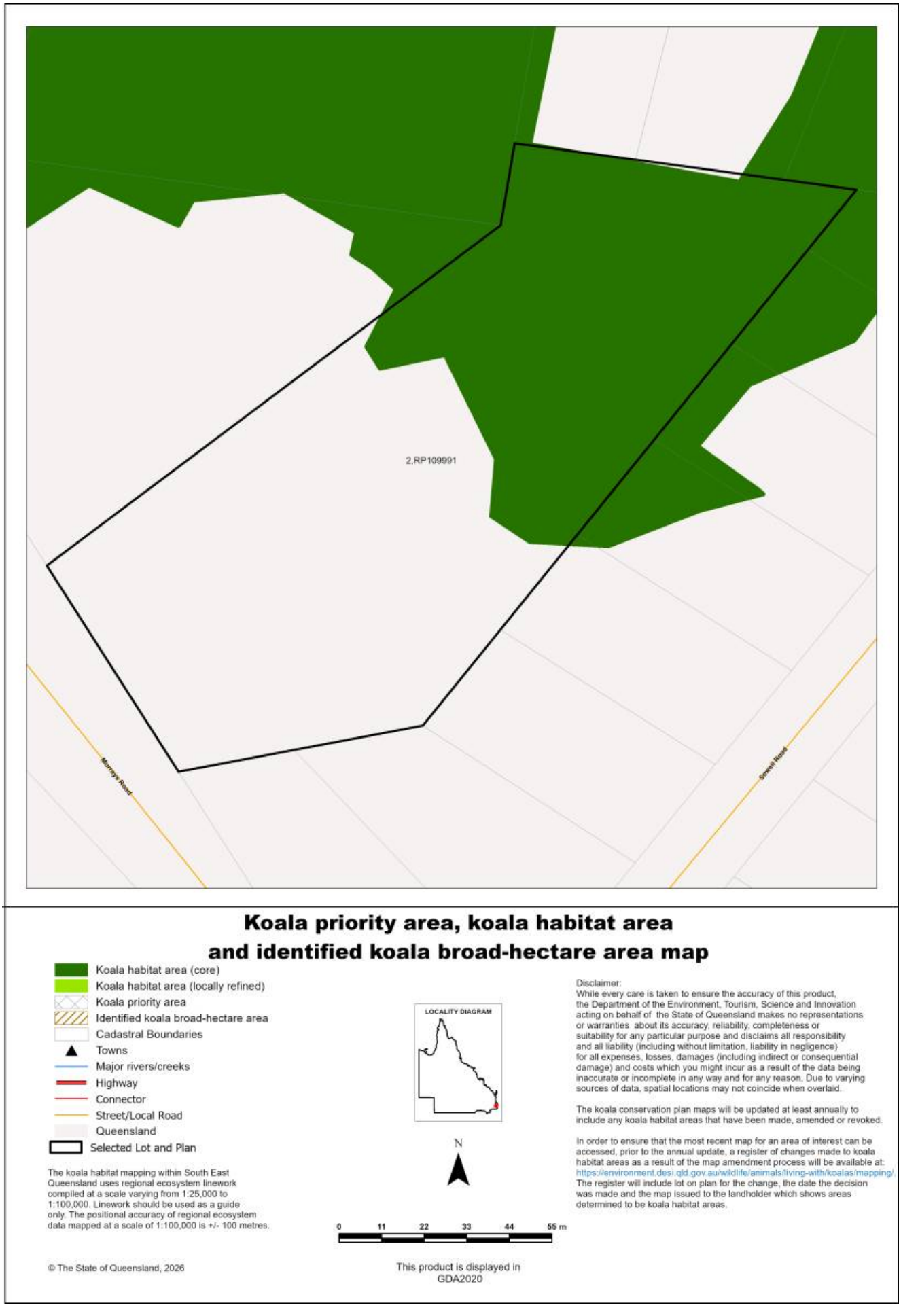
For further information on the koala protection framework:
Phone 13 QGOV (13 74 68)
Email koala.assessment@detsi.qld.gov.au
Visit https://environment.desi.qld.gov.au/wildlife/animals/living-with/koalas/mapping

7. Koala protection framework details for Lot: 2 Plan: RP109991

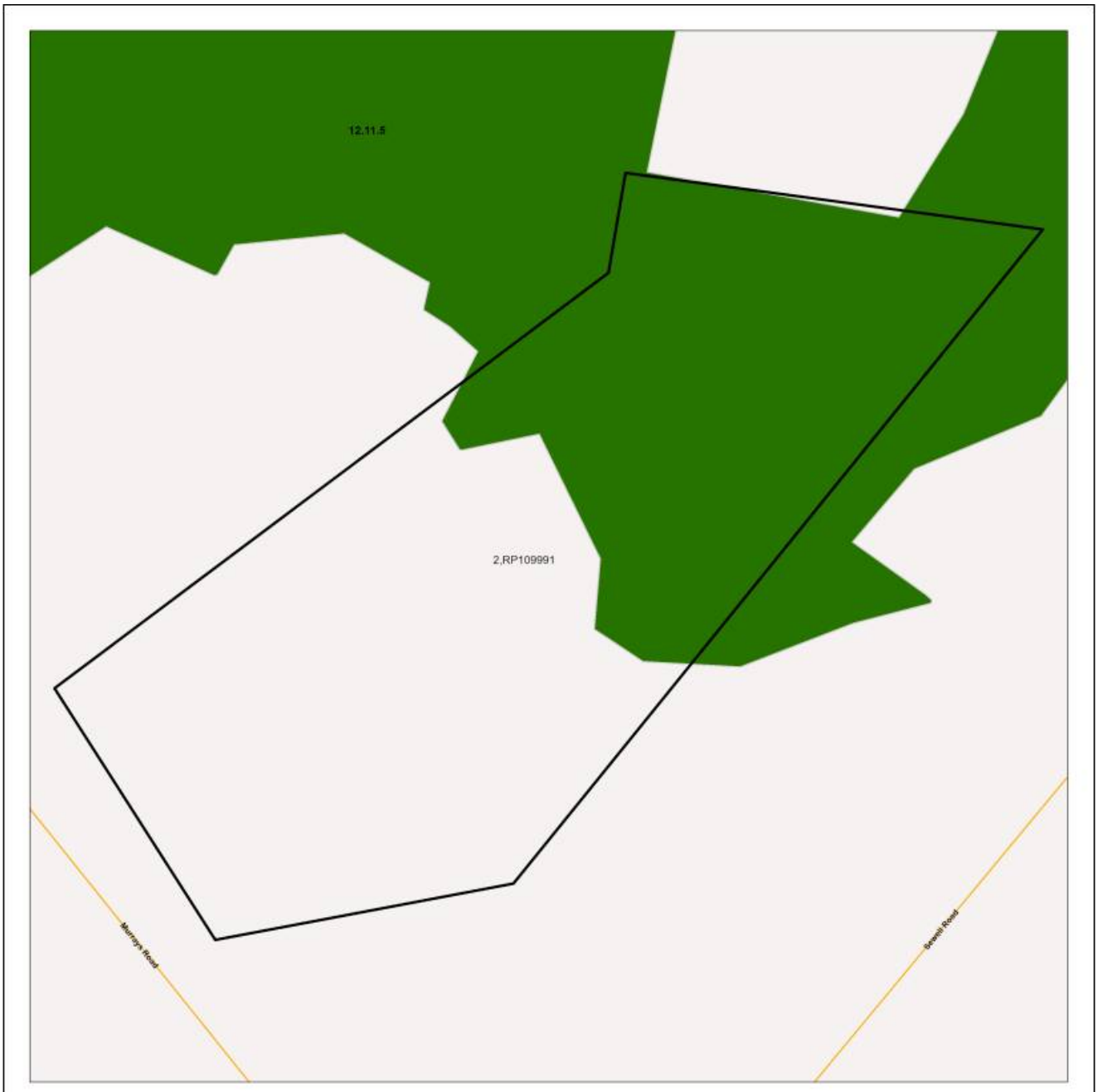
7.1 Koala districts

Koala District A

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



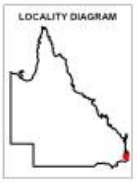
7.3 Koala habitat regional ecosystems for core koala habitat areas



Koala habitat regional ecosystems for core koala habitat areas

Koala habitat area (core)
Towns
Highway
Connector
Street/Local Road
Major rivers/creeks
Queensland
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 11 22 33 44 55 m

This product is displayed in GDA2020

DISCLAIMER:

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Due to varying sources of data, spatial locations may not coincide when overlaid.

The koala habitat mapping within South East Queensland uses regional ecosystem linework compiled at a scale varying from 1:25,000 to 1:100,000. Linework should be used as a guide only. The positional accuracy of regional ecosystem data mapped at a scale of 1:100,000 is +/- 100 metres.

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8. Other relevant legislation contacts list

Activity	Legislation	Agency	Contact details
Interference with overland flow	*Water Act 2000*	Department of Local Government, Water and Volunteers	Ph: 13 QGOV (13 74 68) www.dlgwv.qld.gov.au
Earthworks, significant disturbance	*Soil Conservation Act 1986*	Queensland Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development	Ph: 13 QGOV (13 74 68) www.nrmmrrd.qld.gov.au
Fire Permits	*Fire and Emergency Services Act 1990*	Queensland Fire Department	Ph: 13 QGOV (13 74 68) www.fire.qld.gov.au
Indigenous Cultural Heritage	*Aboriginal Cultural Heritage Act 2003* *Torres Strait Islander Cultural Heritage Act 2003*	Queensland Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism	Ph: 13 QGOV (13 74 68) www.tatsipca.qld.gov.au
Mining and environmentally relevant activities Infrastructure development (coastal) Heritage issues	*Environmental Protection Act 1994* *Coastal Protection and Management Act 1995* *Queensland Heritage Act 1992*	Queensland Department of the Environment, Tourism, Science and Innovation	Ph: 13 QGOV (13 74 68) www.detsi.qld.gov.au
Protected plants and protected areas	*Nature Conservation Act 1992* *Planning Act 2016*	Queensland Department of the Environment, Tourism, Science and Innovation	Ph: 1300 130 372 (option 4) palm@detsi.qld.gov.au www.detsi.qld.gov.au
Koala mapping and regulations	*Nature Conservation Act 1992*	Queensland Department of the Environment, Tourism, Science and Innovation	Ph: 13 QGOV (13 74 68) Koala.assessment@detsi.qld.gov.au
Interference with fish passage in a watercourse, mangroves Forestry activities	*Fisheries Act 1994* *Forestry Act 1959*	Queensland Department of Primary Industries	Ph: 13 QGOV (13 74 68) www.dpi.qld.gov.au
Matters of National Environmental Significance including listed threatened species and ecological communities	*Environment Protection and Biodiversity Conservation Act 1999*	Department of Climate Change, Energy, the Environment and Water (Australian Government)	Ph: 1800 920 528 www.dcceew.gov.au
Development and planning processes	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Queensland Department of State Development, Infrastructure and Planning	Ph: 13 QGOV (13 74 68) www.planning.qld.gov.au
Coordinated projects	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Office of the Coordinator-General	Ph: 13 QGOV (13 74 68) www.statedevelopment.qld.gov.au/coordinator-general
Wet Tropics World Heritage Area	*Wet Tropics World Heritage Protection and Management Act 1993*	Queensland Wet Tropics Management Authority	Ph: (07) 4241 0500 www.wettropics.gov.au
Requirements on State controlled road	*Transport Infrastructure Act 1994*	Queensland Department of Transport and Main Roads	Ph: 13 QGOV (13 74 68) https://www.tmr.qld.gov.au
Local government requirements	*Local Government Act 2009* *Planning Act 2016*	Your relevant local government office	Local Government Contact Directory

Appendix 5

Species List

Scientific Name	Common Name	Status
Flora Species		
Commelina benghalensis*	Tropical spiderwort	Weed
Ricinus communis*	Castor oil bush	Weed
Megathyrsus maximus*	Guinea grass	Weed
Arundo donax*	Giant reed	Weed
Urochloa eminii*	Congo grass	Weed
Ipomoea plebeian*	bellvine	Weed
Setaria pumila*	Yellow foxtail	Weed
Sida rhombifolia*	Cuban jute	Weed
Macroptilium lathyroides*	Phasey bean	Weed
Eucalyptus melanophloia	Silver-leaved ironbark	LC
Eucalyptus siderophloia	Northern grey ironbark	LC
Setaria Sphacelata*	African bristlegrass	Weed
Eucalyptus tereticornis	Queensland blue gum	LC
Crotalaria lanceolata*	Lanceleaf rattlebox	Weed
Amaranthus spinosus*	Spiny amaranth	Weed
Lantana camara*	Lantana	Weed
Pinus elliottii*	Slash pine	Weed
Chloris gayana	Rhodes grass	Weed
Solanum mauritianum*	Tobacco tree	Weed
Fauna Species		
Trichoglossus moluccanus	Rainbow lorikeet	LC
Corvus orru	Torresian crow	LC
Cacatua galerita	Sulphur-crested cockatoo	LC

Scientific Name	Common Name	Status
Hirundo neoxena	Welcome swallow	LC
Manorina melanocephala	Noisy miner	LC

*Invasive species

Appendix 6

Biodiversity Areas Overlay Code

Performance outcomes	Acceptable outcomes	*Comments*
For accepted development (subject to requirements) and assessable development		
Biodiversity corridors		
PO1 Development in a Biodiversity corridor identified on Biodiversity areas overlay map OM-02.02 is designed and located to: a. provide for habitat links; b. facilitate safe wildlife movement; c. facilitate wildlife refuge; d. enhance habitat values; e. rehabilitate degraded areas with native vegetation. *Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report prepared in accordance with Part 2 of Planning scheme policy 3 - Environmental management.*	***AO1*** Development is located outside a Biodiversity corridor identified on Biodiversity areas overlay map OM-02.02.	**Complies with AO1** Development is located outside a mapped Biodiversity corridor
Primary vegetation management area		

PO2 Development in the Primary vegetation management area identified on Biodiversity areas overlay map OM-02.01 is designed and located: a. to: i. protect the current extent of native vegetation; or ii. achieve a net gain of native vegetation; b. to rehabilitate degraded areas with native vegetation. *Note - The Primary vegetation management area includes the locally significant vegetation identified on Biodiversity areas overlay map OM-02.03.* *Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report [for section (a)(i)] and an environmental offset report [for section (a)(ii)] prepared in accordance with Part 2 of Planning scheme policy 3 - Environmental management.*	***AO2.1*** Development is located to avoid the need to clear any native vegetation in the Primary vegetation management area identified on Biodiversity areas overlay map OM-02.01, unless: a. if identified as a Matter of local environmental significance and not Both matters of local and state environmental significance on Biodiversity areas overlay map OM-02.04, an offset is provided in accordance with section 3.1 - Environmental offset standards in Planning scheme policy 3 - Environmental management; or b. if identified as Both matters of local and state environmental significance or Matter of state environmental significance on Biodiversity areas overlay map OM-02.04, an offset is provided in accordance with the Queensland Environmental Offset Policy and the Environmental Offsets Act 2014 *Note - Compliance with AO2.1(a) is to be demonstrated by an environmental offset report prepared in accordance with Part 2 of Planning scheme policy 3 - Environmental management.* *Note - For purposes of AO2.1(b) the Queensland Government has separate regulatory requirements for matters of state*	**Complies with AO2.1** The development is sited to reduce clearing where possible but will still require partial clearing of native vegetation. An offset has been proposed and is outlined in accordance with Planning scheme Policy 3 – Environmental offset standards in Section 5.3 **Complies with AO2.2** The proposed development will include a proposed rehabilitation management plan to retained vegetation conditions on site through weed management and supplementary planting.

	environmental significance. This is regulated by the State Department Assessment Provisions. *Note - Where the native vegetation is identified as Both matters of Local and State environmental significance and no offset is required by the Queensland Government for the native vegetation identified as a matter of state environmental significance, development is located to avoid the need to clear the native vegetation.* ***AO2.2*** Development rehabilitates degraded areas in accordance with the South East Queensland Ecological Restoration Framework.	
Locally significant vegetation area		
PO5 Development in a Locally significant vegetation area identified on the Biodiversity areas overlay map OM-02.03 protects Melaleuca irbyana, vine forest, Gossia gonoclada and significant remnant vegetation areas from: a. encroachment; b. edge effects. *Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report*	***AO5*** Development is located outside of a Locally significant vegetation area as identified on Biodiversity areas overlay map OM-02.03.	**Complies with AO5** Development is located outside of areas mapped as locally significant vegetation

prepared in accordance with Part 2 of Planning scheme policy 3 - Environmental management.		
Lighting		
PO9 Development in a Biodiversity corridor or Koala corridor identified on Biodiversity areas overlay map OM-02.02 is designed to minimise adverse light impacts on native fauna.	***AO9*** Lighting associated with development in a Biodiversity corridor or Koala corridor identified on Biodiversity areas overlay map OM-02.02: a. complies with the dark surrounds lighting levels in AS4282-1997 - Control of the obtrusive effects of outdoor lighting; b. is directed away from areas identified on Biodiversity areas overlay map OM-02.00.	**Complies with PO9** The development is designed to reduce lighting impacts on native vegetation, these mitigation measures are outlined in Section 5.1

Appendix 7

SDAP State Code 25 – Development in South East Queensland Koala Habitat Areas

State Development Assessment Provisions (SDAP) v3.5 – State Code 25: Development in South East Queensland Koala Habitat Areas

Table 7: Reconfiguring a Lot

Performance Outcomes		Response
PO6	Development supports connectivity between highly connected patches of mapped Koala habitat areas.	**Complies with PO6** The proposed development does not compromise connection between the movement corridor and the vegetation present as the Project Area is located in the southern most corner of the movement corridor. Partial retention of the vegetation patch present within the Project Area minimises any potential movement issues.
PO7	Interfering with Koala habitat as a result of the development does not compromise safe Koala movement by preventing fragmentation of patches of mapped Koala habitat areas.	**Complies with PO7** The proposed development does not fragment the current movement corridor as the Project Area is located in the southern most corner of the movement corridor. Partial retention of the vegetation patch present within the Project Area minimises any potential fragmentation issues.
PO8	Interfering with Koala habitat as a result of the development supports connectivity between highly connected patches of mapped Koala habitat areas.	**Complies with PO8** The proposed development does not compromise movement of cause fragmentation between the movement corridor and the vegetation present as the Project Area is located in the southern most corner of the movement corridor. Partial retention of the vegetation patch present within the Project Area minimises nay potential movement issues.
PO9	Development supports safe Koala movement by preventing fragmentation of	**Complies with PO9**

Performance Outcomes		Response
	patches of mapped Koala habitat areas.	The proposed development does not compromise movement of cause fragmentation between the movement corridor and the vegetation present as the Project Area is located in the southern most corner of the movement corridor. Partial retention of the vegetation patch present within the Project Area minimises any potential movement issues.
PO10	Development within a mapped Koala habitat area is undertaken in a way that prevents the risk of injury or death of Koalas.	**Complies with PO10** A Vegetation and Fauna Management Plan has been proposed to comply with Koala clearing requirements. Further measures are outlined in Section 5.1.
PO11	Development is Designed and sited to: 1. avoid impacts on matters of state environmental significance; or 2. minimise and mitigate impacts on matters of state environmental significance after demonstrating avoidance is not reasonably possible; and 3. provide an offset if, after demonstrating all reasonable avoidance, minimisation and mitigation measures are undertaken, the development results in an acceptable significant residual impact on a matter of state environmental significance. Statutory note: For Brisbane core port land, an offset may only be applied to development on land identified as E1 Conservation/Buffer, E2 Open Space or Buffer/Investigation in the Brisbane Port LUP precinct plan.	**Complies with PO11** The proposed development is sited within areas that are highly disturbed and subject to historical clearing to minimise impacts to mapped MNES. As the development will require removal of some native vegetation present that is mapped as Koala Habitat Area, an offset has been proposed to compensate for the removal of Koala habitat trees.