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## **SITE BASED MANAGEMENT PLAN**

Byculla Rearing Farm – Stage 3

Alpair Pty Ltd

Date: 21 January 2026

**TOOWOOMBA REGIONAL COUNCIL**

**APPROVED DOCUMENT**

referred to in Council's Decision Notice dated

**8 April 2026**

This plan is subject to conditions of Approval Number

**MCUI/2025/438**

A handwritten signature in black ink, appearing to be 'J. Hu', is written over a horizontal line.

**Assessment Manager**

Prepared by:

**Matt Norton (B. App. Sc.)**

**Director**

Agricultural Development Services Australia Pty Ltd (AgDSA)

PO Box 292

Toowoomba QLD 4350

| Document Control |               |             |             |                 |             |               |
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## **1 INTRODUCTION**

Alpair Pty Ltd (Alpair) operate a vertically integrated poultry and egg production business across the Pittsworth area. Currently, day-old birds are delivered from a hatchery to the existing rearing sheds on the 'Byculla' Farm. These birds are then housed in these sheds until they reach point-of-lay (16 weeks), after which they are transferred to various free-range and barn-laid production systems in the area.

Alpair is proposing to construct 10 rearing sheds and associated infrastructure on Lot 1745 A34901, which is adjacent and immediately north of the existing Stage 2 rearing sheds. The total capacity of the proposed facility will be 400,000 birds across 10 mechanically-ventilated rearing sheds, each with a capacity of 40,000 birds. Like the Stage 2 facility, sheds will be constructed in attached pairs. Although new infrastructure is only proposed on Lot 1745 A34901, the property includes a total of five land parcels with a combined area of approximately 392 ha.

This Site-Based Management Plan (SBMP) has been prepared to provide a management document for ongoing compliance with the conditions and requirements of both Toowoomba Regional Council (TRC) and the Department of Primary Industries (DPI). Management described in this SBMP is based on existing operations at the Byculla Rearing Farm. The existing facility is not operated as a free-range facility and there are no plans to convert it to a free-range system.

All photographs utilised in the report were obtained during a site visit to Byculla by AgDSA on 11 March 2024. The shed visited was in the process of being cleaned prior to new birds being placed.

This document must be reviewed at least every two years, with TRC notified of any substantial change to this document. The Farm Manager is responsible for the implementation of the management practices identified in this document. However, the Directors of Alpair are ultimately responsible for compliance. As the names and contact details for the relevant staff are subject to change, they have not been included. However, their details should be kept electronically in the same location as this document or in a physical location visible to all staff. The Farm Manager's number will also be retained on the entry sign.

Refer to Appendix A for a copy of the EA.

## 2 SITE AND LOCALITY

### 2.1 SUBJECT SITE

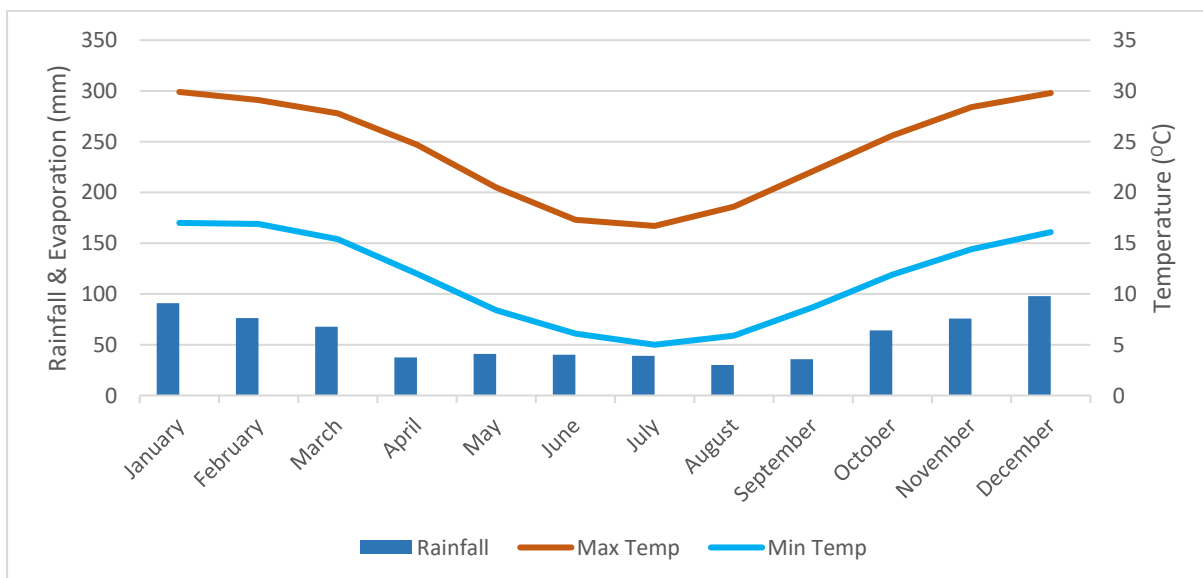
The property includes five land parcels with a total area of approximately 392 ha (Table 1). The land parcel subject to the expansion is Lot 1745 A34901 (development site). The property is located approximately 8.5 km south of Pittsworth (Figure 2) and is accessed via Byculla Road which is a local road and only services the subject site. The property is in the TRC area and is zoned as Rural. It is currently utilised for the Byculla piggery, and the first two stages of the poultry rearing facility. As of 14 November 2024, the final shed of the Stage 2 expansion is not yet constructed.

**Table 1 – Property Description**

| Land Parcel (Lot/Plan) | Area (ha)    |
|------------------------|--------------|
| 1745/A34901            | 80.9         |
| 1220/AG2988            | 171.7        |
| 2/RP72658              | 42.5         |
| 2/RP94672              | 86.0         |
| 1/RP77752              | 2.4          |
| 1/RP94672              | 8.9          |
| <b>Total</b>           | <b>392.4</b> |

### 2.2 CLIMATE

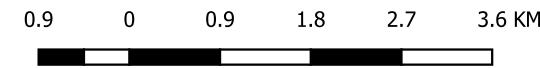
The climate of the region is sub-tropical characterised by summer-dominant rainfall (Figure 1). Long-term rainfall statistics show a mean annual rainfall of 697 mm with a January average maximum temperature of 29.9 °C and a July average minimum temperature of 5.0 °C. Climate data is presented for Pittsworth, sourced from the Bureau of Meteorology (BOM).



**Figure 1 –Climate Data**



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SPATIAL REFERENCE  
GDA 2020 MGA ZONE 56  
DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:75,000 AT A3

- LEGEND
- DISTANCE TO NEAREST TOWN
  - SITE LAYOUT - PROPOSED
  - PROPERTY BOUNDARY
  - QUEENSLAND ROADS
    - Major Road
    - Connector (Collector Road)
    - Secondary (Sub Arterial)
    - Local
  - Imagery - ESRI

MCL-014

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ALPAIR PTY LTD

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PITTSWORTH QLD 4356

LOCALITY PLAN

FIGURE 2

## 2.3 RECEPTORS AND SURROUNDING LAND USE

The nearest sensitive receptors surrounding the property have been identified in Table 2 and Figure 3. There may be multiple receptors at or beyond a similar distance in each direction. The nearest sensitive receptor (R12, Lot 832 A34617) is approximately 620 m west of the nearest shed (Stage 2 existing).

Generally, the region is dominated by cropping, grazing, and intensive livestock uses, with a low population density.

**Table 2 – Sensitive Receptors**

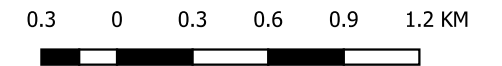
| Receptor | Lot/Plan    | Direction | Distance (m) |
|----------|-------------|-----------|--------------|
| R1       | 2/RP850957  | N         | 3,545        |
| R2       | 3/RP899898  | N         | 2,630        |
| R3       | 1/RP197913  | NE        | 3,015        |
| R4*      | 830/A34620  | NE        | 3,095        |
| R5*      | 1/RP77751   | NE        | 2,020        |
| R6       | 140/RP21324 | ENE       | 2,480        |
| R7       | 1/RP47835   | E         | 2,780        |
| R8*      | 1/RP48378   | SE        | 4,420        |
| R9       | 115/A341355 | S         | 2,165        |
| R10      | 1/SP285695  | SSW       | 2,005        |
| R11      | 1/RP859811  | SW        | 820          |
| R12      | 832/A34617  | W         | 620          |
| R13      | 2/D361389   | NW        | 2,025        |
| R14      | 2/RP49468   | NW        | 830          |

## 2.4 TOPOGRAPHY

The site of the poultry sheds slopes from east to west at a gradient between 3 % and 4 %. The existing piggery and Stage 1 poultry sheds are located near the top of a hill, which slopes away in all directions. The presence of contour banks is an indication of the slope and need for soil conservation measures to allow the current land use. The highest point of the property, at the existing water tanks, has an elevation of 490 m and the lowest point of the property, the south-east corner, has an elevation of 418 m.



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SPATIAL REFERENCE  
GDA 2020 MGA ZONE 56  
DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:30,000 AT A3

#### LEGEND

SENSITIVE RECEPTORS

DISTANCE TO RECEPTORS

Sensitive\_Receptors

SITE LAYOUT - PROPOSED

PROPERTY BOUNDARY

QUEENSLAND ROADS

Secondary (Sub Arterial)

Local

Track

CADASTRAL - DCDB

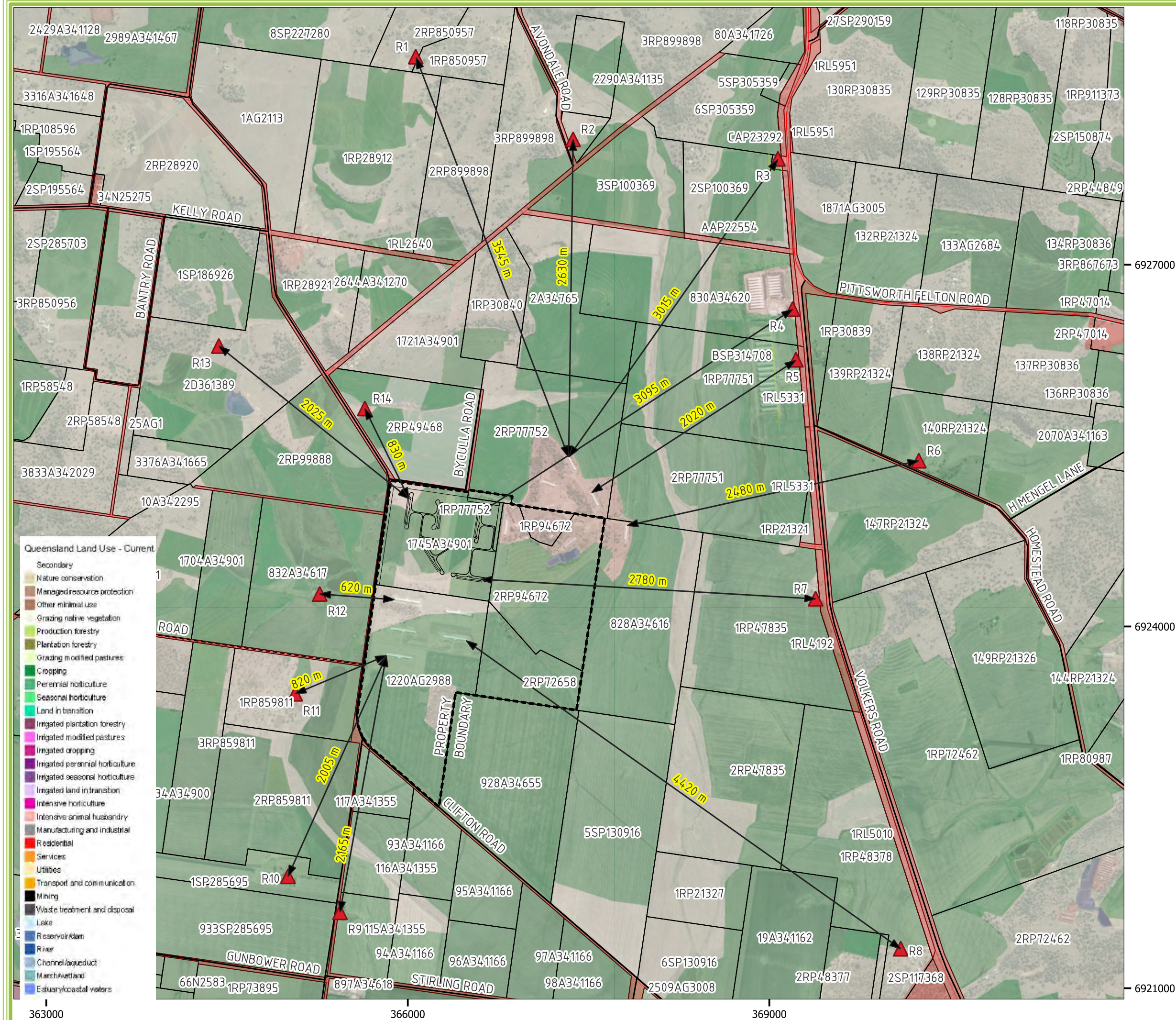
Lot

Road Reserve

Easement

Queensland Land Use - Current

Imagery - ESRI



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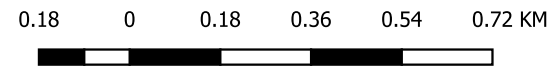
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SENSITIVE RECEPTORS AND  
LANDUSE PLAN

FIGURE 3



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SPATIAL REFERENCE  
GDA 2020 MGA ZONE 56  
DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:15,000 AT A3

- LEGEND
- SITE LAYOUT - PROPOSED
  - PROPERTY BOUNDARY
  - QUEENSLAND ROADS
    - Local
    - Track
  - TOPOGRAPHY
  - ELEVATION POINTS OF INTEREST
  - TOPOGRAPHY - 10m CONTOURS
  - CADASTRAL - DCDB
    - Lot
    - Road Reserve
  - Imagery - ESRI

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TOPOGRAPHY PLAN

FIGURE 4

## **2.5 LAND AND SOIL**

### **2.5.1 LAND RESOURCE AREAS**

The property is mapped as part of the Central Darling Downs Land Management Manual (Harris, Coutts and Biggs, 1999). It is entirely mapped as the Poplar Box Walloons Land Resource Area (LRA) (Table 3, Figure 5). Due to the broadscale nature of the mapping, and small hill located on the property, some parts of the property, such as the top of the hill, may contain different landscapes and soils.

**Table 3 – Land Resources Area**

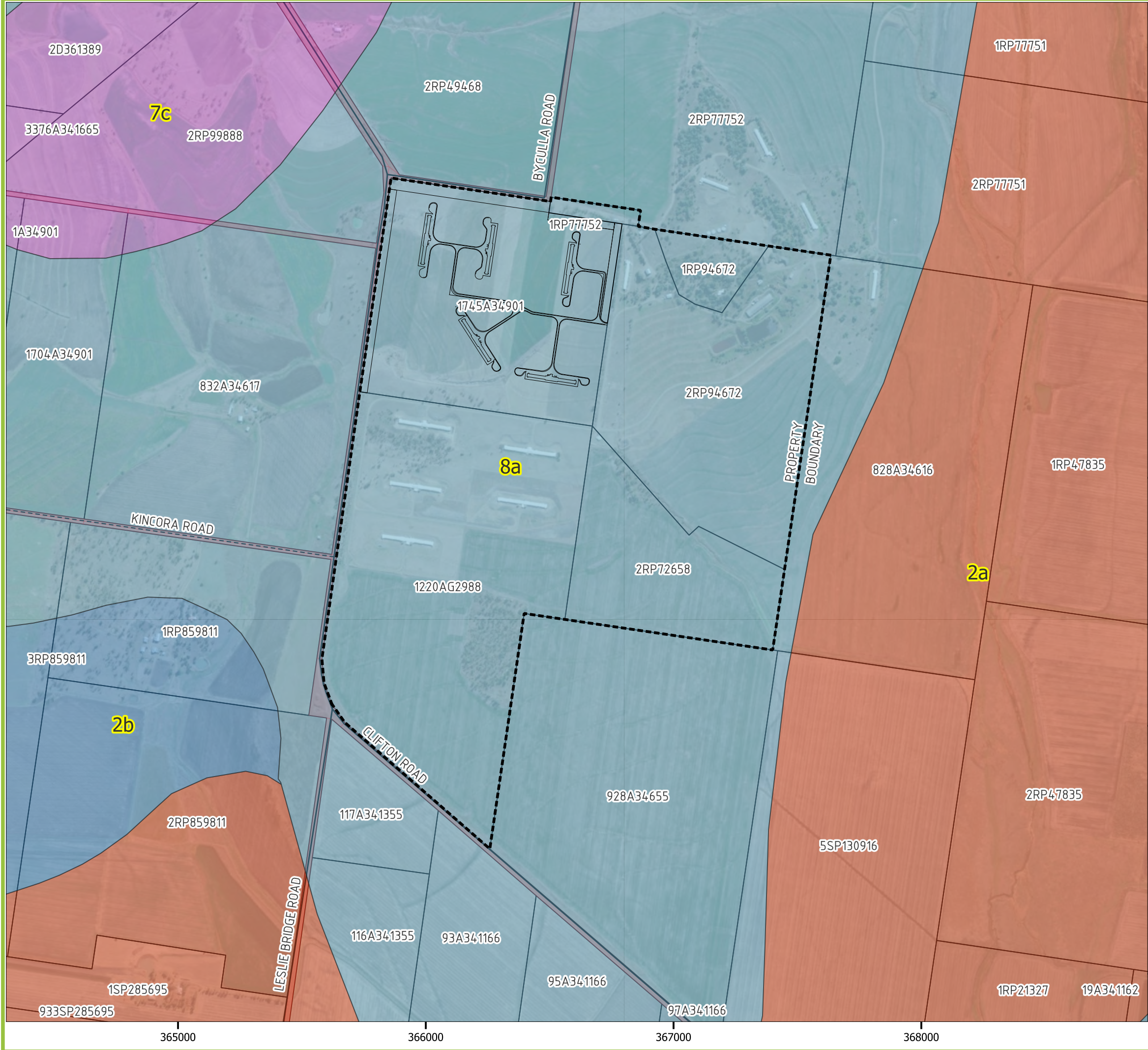
| <b>Map code</b> | <b>Land Resource Area</b> | <b>Landform</b>                                     | <b>Major Soils</b>                   |
|-----------------|---------------------------|-----------------------------------------------------|--------------------------------------|
| 8a              | Poplar Box Walloons       | Undulating rises and low hills on Walloon sandstone | Self-mulching, black cracking clays. |

### **2.5.2 ACID SULFATE SOILS**

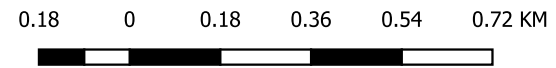
Acid sulfate soils (ASS) contain high levels of iron sulfide minerals, generally in anaerobic conditions. ASS are typically found in low lying coastal areas and, if disturbed, they can cause damage to both the built and natural environment. The site is not mapped as being likely to contain ASS.

### **2.5.3 CONTAMINATED LAND**

Contaminated land is regulated under the *Environmental Protection Act 1994*. Contaminated land sites are listed on the Environmental Management Register (EMR) and/or the Contaminated Land Register (CLR). The property is not listed on the EMR or CLR (Appendix B).



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SPATIAL REFERENCE  
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DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:15,000 AT A3

LEGEND

- SITE LAYOUT - PROPOSED —
- PROPERTY BOUNDARY [dashed line]
- LAND RESOURCE AREAS - CENTRAL DARLING DOWNS
  - 2a - Older alluvial plains [orange]
  - 2b - Older alluvial plains [blue]
  - 7c - Basaltic uplands [purple]
  - 8a - Poplar box Walloons [light blue]
- QUEENSLAND ROADS
  - Local [solid line]
  - Track [dashed line]
- CADASTRAL - DCDB
  - Lot [white box]
  - Road Reserve [pink box]
- Imagery - ESRI

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SOILS PLAN

FIGURE 5

## **2.6 SURFACE WATER**

### **2.6.1 ENVIRONMENTAL PROTECTION ACT 1994**

Surface water values are protected under the *Environmental Protection (Water and Wetland Biodiversity) Policy 2019* (Water and Wetland Policy) and apply to water, which is not considered to be groundwater contained within an aquifer. Environmental impacts to surface water must be prevented or minimised.

### **2.6.2 VEGETATION MANAGEMENT ACT 1999**

Under the *Vegetation Management Act 1999* (VMA), certain surface water features are identified as watercourses or drainage features. The stream order (SO) for these surface water features is identified on the map. Although identified as a surface water feature, the mapped watercourses and drainage lines are identified for the purposes of determining the associated clearing requirements. Regulated vegetation along these surface water features is considered a Matter of State Environmental Significance (Section 2.9).

There is one SO 1 drainage feature (Figure 6) on the property, which crosses the development site in the north-west corner. Sheds are not proposed across, or immediately adjacent to, mapped drainage features. Vegetation adjacent to these drainage lines is Category X (Section 2.8.1).

However, through the historic implementation of contours, runoff from the subject site is directed into a formed drain which flows through the centre of the development site. Erosion within this drain will need to be managed following the construction of sheds and diversion banks.

### **2.6.3 WATER ACT 2000**

The watercourse identification map is used to delineate drainage features and watercourses mapped under the *Water Act 2000*. Water within drainage features (red) is defined as overland flow and water within watercourses (blue) is defined as surface water. Surface water features, that are yet to be defined, are described as unmapped (grey).

All on-site overland flow paths have been mapped as drainage features on the watercourse identification map (Figure 6). The property is in the Condamine River catchment and is subject to the *Water Plan (Condamine and Balonne) 2019*.

### **2.6.4 FISHERIES ACT 1994**

Under the *Fisheries Act 1994*, permanent and ephemeral waterways, including drainage features, are subject to additional requirements where waterway barrier works are proposed. Structures such as dams and culverts are considered waterway barrier works.

The drainage feature in the north-west corner of the development site is mapped as a low-impact waterway for fish barrier works (Figure 6). Earthworks, associated with the proposed sheds or internal roads, are not proposed across the mapped waterway. Should an upgrade to

Byculla Road be required, any culverts associated with this waterway will be designed to comply with the *Accepted development requirements for operational work that is constructing or raising waterway barrier works*.

### 2.6.5 FLOODING

The rearing sheds must be protected from inundation during a 1 % annual exceedance probability (AEP) flood event. This can either be through site selection or construction. Based on the Flood Check mapping, the lowest sections of on-site drainage lines may be subject to minor inundation. However, the sheds and internal roads are not.

The Queensland Floodplain Assessment Overlay (QFAO) was developed to show the extent of floodplains and potential flood hazards across Queensland. The QFAO was developed as a low-resolution tool to identify potential flood areas. However, the accuracy of this layer is limited, and flood depth is not identified. The property is not mapped as being part of a floodplain.

The TRC flood hazard overlay has been addressed as part of the Stormwater Management Plan, prepared by RMA Engineers.

## 2.7 GROUNDWATER

A search of the Department of Natural Resources, Mines and Energy (DNRME) groundwater database was undertaken for all registered water bores surrounding the subject property (Figure 7). Refer to (Appendix C) for bore report relevant to the below bore.

RN192597 was constructed in 2022 is located in the south-west corner of the development site. The bore report identifies that it was drilled to a depth of 159 m and intersected the Walloon Coal Measures aquifer at 74 m. Generally, the aquifer is overlain by a deep clay soil and various types of shale. The strata indicate that this area is a groundwater recharge zone.

### 2.7.1 ENVIRONMENTAL PROTECTION ACT 1994

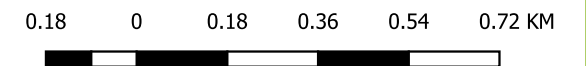
Environmental values (ecological, use and cultural) of groundwater are protected under the Water and Wetland Policy. The level of protection is determined by the level of ecological (high or disturbed) value, the intended use of the groundwater (human consumption, stock, industrial uses) and any cultural or spiritual value placed on the water. Environmental impacts to groundwater must be prevented or minimised.

### 2.7.2 WATER ACT 2000

The use of groundwater is regulated under the *Water Act 2000* and a licence is required to use water for any purposes other than stock and domestic. Groundwater will be utilised for the expanded rearing farm and ancillary activities. Water supply is further discussed in Section 3.6.4.



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SPATIAL REFERENCE  
GDA 2020 MGA ZONE 56  
DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:15,000 AT A3

#### LEGEND

- SITE LAYOUT - PROPOSED ———
- PROPERTY BOUNDARY [Dashed Line]
- QUEENSLAND ROADS
  - Local ———
  - Track - - - - -
- CADASTRAL - DCDB
  - Lot [Black Outline]
  - Road Reserve [Pink Fill]
- WATERWAYS AND DRAINAGE
  - Waterways for waterway barrier works
    - 1 - Low [Green Line]
    - 2 - Moderate [Orange Line]
    - 3 - High [Red Line]
    - 4 - Major [Purple Line]
  - ORDERED DRAINAGE [Blue Line]
- FLOOD MODELLING
  - QLD FLOODPLAIN OVERLAY [Blue Fill]
- Imagery - ESRI

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SURFACE WATER FEATURES PLAN

FIGURE 6

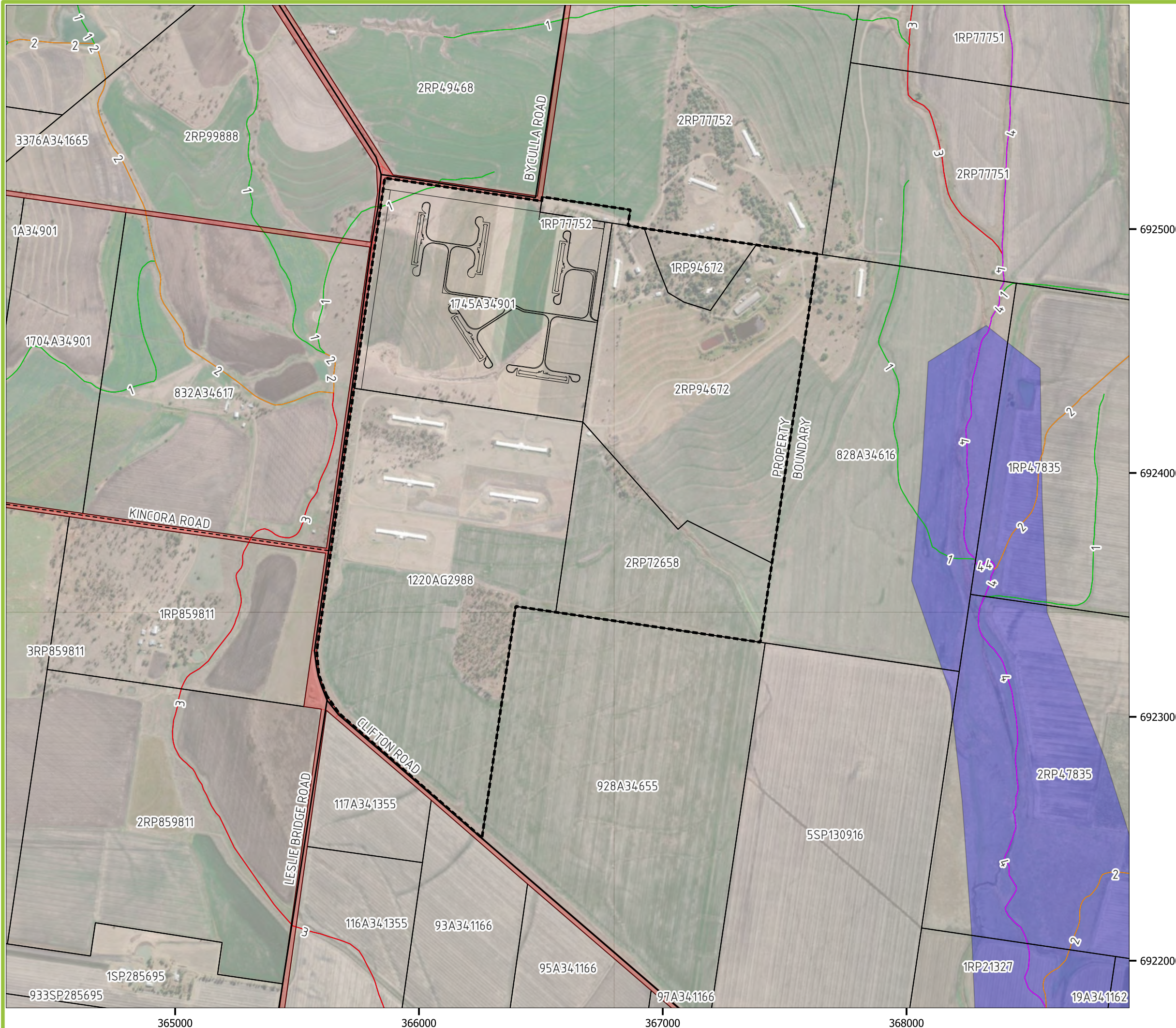


FIGURE 7

## **2.8 FLORA AND FAUNA**

### **2.8.1 VEGETATION MANAGEMENT ACT 1999**

The purpose of the VMA is to regulate the clearing of vegetation, and to conserve and protect the ecological and biodiversity values of land. Regulated vegetation is mapped under the following categories:

- Category A – Vegetation offsets and compliance notices
- Category B – Remnant vegetation
- Category C – High-value regrowth
- Category R – Reef-regrowth watercourse vegetation
- Category X – Exempt

Category A, B, C, and R vegetation is identified as containing of least concern, of concern or endangered regional ecosystems. Additionally, this vegetation may contain essential habitat for protected fauna. The clearing of this vegetation is subject to approval. Category R vegetation, Category B and C vegetation containing of concern or endangered regional ecosystems and essential habitat are considered Matters of State Environmental Significance (MSES). Impacts to MSES may be subject to considerations under the *Environmental Offsets Act 2014*. Refer to Appendix D for a copy of the vegetation management report for the property.

The property is mapped entirely as Category X vegetation (Figure 8) with the development site clear of woody vegetation and mostly consists of cropping land.

### **2.8.2 NATURE CONSERVATION ACT 1992**

Certain endangered, vulnerable or near threatened plants and animals are protected under the *Nature Conservation Act 1992* (NC Act). The WildNet database provides important wildlife information subject to requirements under the NC Act. A search of the WildNet database was undertaken for an area within a 5 km radius of the development site (Appendix E). The search identified 98 species as having been recorded in the search area. There have been four endangered, vulnerable, or near threatened species identified within the search area. Three of which are plants as well as three historic Koala sightings in the search radius. As the development site consists of mostly cropping land, the clearing of woody vegetation is limited to a small number of shade trees around the existing livestock yards and rural buildings. Given the existing land use, there is a very low potential for protected plants to be present within the development site. The protected plants listed are likely to be associated with the trigger areas to the east and west of the development site.

The protected plants flora survey trigger map, contained within the vegetation property report (Appendix D), identifies areas which are likely to contain protected plants listed under the NC Act. If clearing in these areas is proposed, a protected plants survey must be undertaken. The development site is not mapped as containing trigger areas.

### 2.8.3 ENVIRONMENTAL PROTECTION AND BIODIVERSITY CONSERVATION ACT 1999

The Protected Matters Search Tool (PMST) was used to identify any Matters of National Environmental Significance (MNES) within 5 km of the proposed site (Appendix F). MNES are protected under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act). The search identified six threatened ecological communities, 44 threatened species and 12 migratory species. As there is no regulated vegetation on the development site, and all infrastructure will be located on cropped or grazed land, there is a very low risk of potential impact on MNES.

## 2.9 WETLANDS

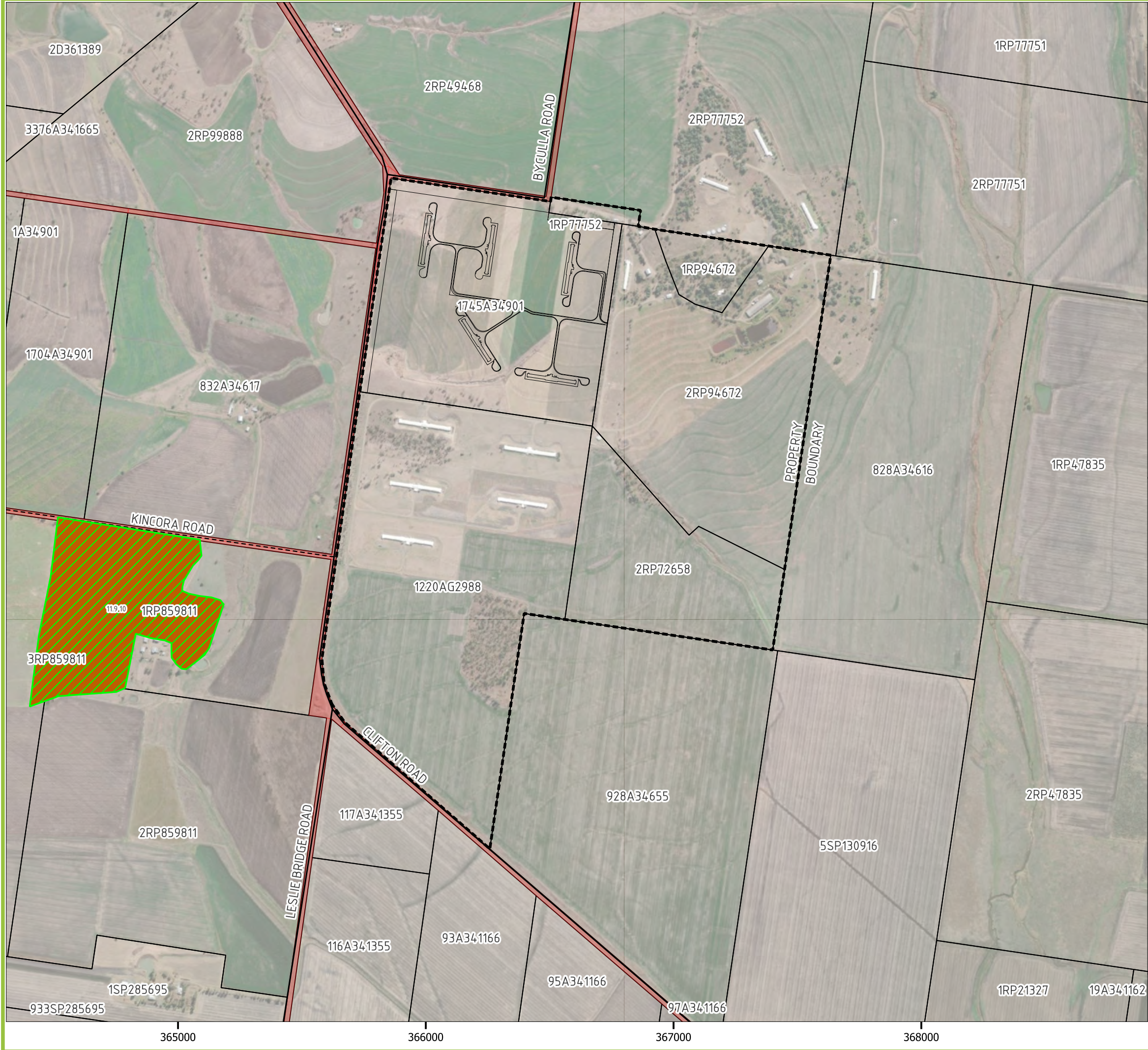
### 2.9.1 ENVIRONMENTAL PROTECTION ACT 1994

Wetlands regulated under the Water and Wetland Policy include Great Barrier Reef Wetland Protection Areas (wetland protection areas) and wetlands of general or high ecological significance (GES or HES). Wetland protection areas and HES wetlands are subject to additional requirements. Environmental impacts to wetlands must be prevented or minimised.

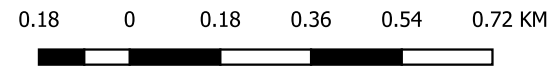
The Environmental Protection Regulation wetland map (Appendix G) for the property indicated that there aren't any on-site or nearby GES or HES wetlands.

### 2.9.2 ENVIRONMENTAL PROTECTION AND BIODIVERSITY CONSERVATION ACT 1999

Wetlands of international importance, listed under the Ramsar Convention, are a matter of National Environmental Significance (MNES) under the EPBC Act. The site is located over 400 km from the nearest downstream Ramsar wetland (Appendix F).



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SPATIAL REFERENCE  
GDA 2020 MGA ZONE 56  
DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:15,000 AT A3

LEGEND

- SITE LAYOUT - PROPOSED
- PROPERTY BOUNDARY
- MSES - ESSENTIAL HABITAT
- FLORA SURVEY TRIGGER MAP
- VEGETATION REGIONAL ECOSYSTEMS
  - Category A or B area containing endangered
  - Category A or B area containing of concern
  - Category A or B area that is of least concern
  - Category C or R area containing endangered
  - Category C or R area containing of concern
  - Category C or R area that is of least concern
- QUEENSLAND ROADS
  - Major Road
  - Connector (Collector Road)
  - Secondary (Sub Arterial)
  - Local
- CADASTRAL - DCDB
  - Lot
  - Road Reserve
  - Easement
  - Watercourse
- Imagery - ESRI

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BYCULLA REARING EXPANSION  
ALPAIR PTY LTD

385 PITTSWORTH FELTON RD,  
PITTSWORTH QLD 4356

REGULATED VEGETATION PLAN

FIGURE 8

## **2.10 STATE PLANNING POLICY – STATE INTERESTS**

The State Planning Policy (SPP) outlines the guiding principles and state interests that underpin the delivery of local and regional plans, and development that will advance the social, economic, and environmental needs of Queensland. The SPP identifies five State interests in land use planning and development with state interests relevant to the property identified in the SPP mapping (Appendix H). The SPP overlays applicable to the site are discussed below.

### **2.10.1 ECONOMIC GROWTH**

#### *2.10.1.1 Agriculture*

The SPP states that “Agricultural Land Classification (ALC) Class A and Class B land is protected for sustainable agricultural use”. The SPP state interest guidance material for agriculture further states to, “Permit agricultural uses not dependent on ALC Class A and B land”. However, it requires impacts to be minimised and the land to be rehabilitated following the cessation of the activity.

The entire property is mapped as containing Class A or B agricultural land. However, due to the topography of the development site, significant soil conservation measures (contour banks) are required for the existing farming operations. As such, the development site, does not have the same agricultural productivity of nearby agricultural lands on flatter landscapes. Simple rehabilitation requirements are outlined in Section 3.6.1.

### **2.10.2 SAFETY AND RESILIENCE TO HAZARDS**

#### *2.10.2.1 Natural Hazards (Bushfire)*

The native vegetation on the top of the hill is a bushfire prone area identified as having a medium to high potential bushfire intensity. However, the development site is largely free of native vegetation, with most of the land subject to cropping. As such, there are substantial firebreaks between the bushfire prone land and the proposed development.

Further, there is an alternate property entrance to the south of Stage 2 which could be used in the event of a bushfire restricting access at the main entry.

### **2.10.3 ENVIRONMENT AND HERITAGE**

#### *2.10.3.1 Biodiversity*

Although there is one drainage line mapped as MSES, the MSES value relates to any regulated vegetation associated with this drainage line. As there is no regulated vegetation on the property, there is no MSES value. Regardless, infrastructure is not proposed across or near this drainage line.

### **3 PROPOSED DEVELOPMENT**

#### **3.1 OVERVIEW**

Alpair operate a vertically integrated poultry and egg production business across the Pittsworth area. Currently day-old birds are delivered from a hatchery to the existing rearing sheds on the 'Byculla' Farm. These birds are then housed in these sheds until they reach point-of-lay (16 weeks) after which they are transferred to various free-range and barn-laid production systems in the area.

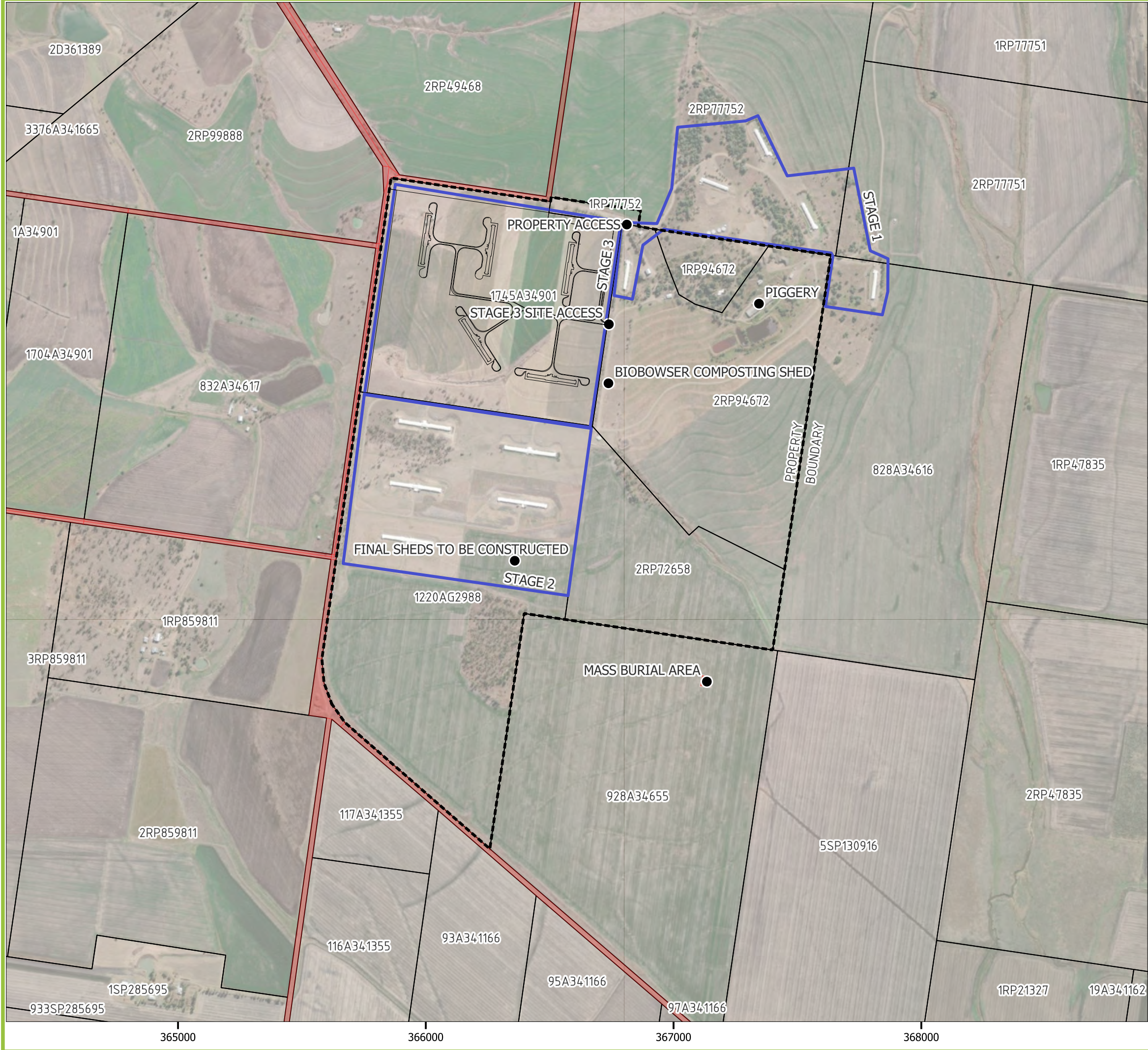
The broader Byculla rearing operations include five sheds near the existing piggery (Stage 1), five pairs of rearing sheds (Stage 2) on Lot 1220 AG2988. The final pair of sheds for Stage 2 has not yet been constructed.

Alpair is proposing to construct 10 cage-free rearing sheds to rear birds for both cage-free and free-range layer operations. Like the existing Stage 2 buildings, sheds will be constructed in pairs. The total capacity of the proposed development will be 400,000 birds.

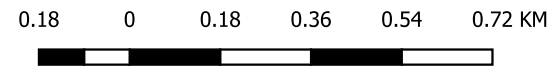
Like the Stage 2 facility, the western, northern, and eastern (part) boundaries of the development site will include a vegetation corridor of approximately 30 m. Stormwater drainage and control will be integrated into the northern vegetation corridor.

The land between the sheds will be converted from cropping to pasture, with sheep grazed for grass and weed maintenance.

The rearing farm has been designed and will be managed in accordance with the *Egg Industry Environmental Guidelines 2018*.



Agricultural Development Services  
Australia Pty Ltd (AgDSA)  
ABN: 30 639 923 434



SPATIAL REFERENCE  
GDA 2020 MGA ZONE 56  
DATUM: GDA 2020  
MAP UNITS: METRE  
SCALE 1:15,000 AT A3

- LEGEND
- SITE LAYOUT - PROPOSED —
  - PROPERTY BOUNDARY [dashed line]
  - Site Labels ●
  - MASS BURIAL AREA [red shaded area]
  - DEVELOPMENT STAGES [blue outline]
  - CADASTRAL - DCDB [thin black line]
  - Lot [thin black line]
  - Road Reserve [pink shaded area]
  - Imagery - ESRI

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BYCULLA REARING EXPANSION  
ALPAIR PTY LTD

385 PITTSWORTH FELTON RD,  
PITTSWORTH QLD 4356

SITE LAYOUT PLAN

FIGURE 9

### **3.2 SHEDS**

Like the Stage 2 sheds (Photograph 1), the proposed sheds will be constructed in pairs with a central office, which contains staff amenities including biosecurity showering facilities. The sheds will be tunnel ventilated with air intake via cool pads located towards the centre of the pair and fans expelling air in the opposite direction. The shed sides will also contain vents and duty fans which assist with controlling shed temperature and air flow. Each shed will have a concrete floor with rat walls. Rat walls are vertical extensions of the floor which form the bottom portion of the shed wall to minimise rodent entry into the sheds.

The central office building will be a standalone building and the adjacent working area covered by an open-sided, gable roof. The working area will have a concrete floor for the storage of equipment and chemicals.



**Photograph 1 – Single shed with ancillary infrastructure**

The sheds will contain aviary systems which allow the birds to utilise the vertical space within the shed. New birds will be placed in the lowest level and temporarily restricted to this level until they are developed enough to move between levels. As the birds grow, additional levels will be opened, and older birds have access to the entire aviary system. Each aviary shelf will allow for feed and water delivery along the length of the shed. Manure belts will be located under each shelf in the aviary system to capture most of the manure deposited within the shed. Manure management is further discussed in Section 3.4.



**Photograph 2 – Aviary systems will be in place along the length of the sheds**

Shed roofs will not be guttered as, due to biosecurity restrictions, the facility cannot reuse this water, nor is there an advantage to storing it.

The paddocks between the sheds will be grassed, with contour banks retained where possible. These areas will be opportunistically grazed by sheep.

### **3.3 MORTALITY MANAGEMENT**

Daily mortalities will be removed from sheds during walk-throughs and temporarily placed in 20 L buckets, which are then placed in a sealed fridge in the office building. As required, buckets will be transported to a central 'Biobowser' composting shed (Photograph 3). This will occur as often as required to maintain space in the fridge for the next day.

The accelerated composting process breaks the carcasses down into smaller particles and heats and aerates the remaining material. This kills pathogens and allows for the remaining organic material to be transported to the Organic Nutrients composting facility.

In the unlikely event of a mass mortality event, Alpair will contact DAF to confirm requirements for disposal. In consultation with DAF (including intensive livestock regulation and Biosecurity Queensland), birds will be buried in the location identified in Figure 9.



**Photograph 3 – Biobowser accelerated composter**



### **3.4 BEDDING AND MANURE MANAGEMENT**

Manure belts will be located under the aviary system and catch most of the manure within the sheds (Photograph 4). These conveyor belts will transport manure to an external chute which will enable trucks to be loaded. Manure will be removed from each shed twice a week. Shovels and brooms will be located in each shed to assist with spot cleaning.

As the sheds include an aviary system with manure belts, bedding (sawdust) will only be provided on the concrete shed floor at the start of the flock. Partial removal of bedding occurs two to three times during the rearing period to maintain a manageable bedding depth.

As the birds mature, they may start to lay eggs. To assist with training the birds, these eggs are collected each day.



**Photograph 4 – Manure belt and extraction**

### **3.5 STORMWATER, SEDIMENT AND EROSION CONTROLS**

Due to the separation of each shed, and the size of the property, there will be a limited change in stormwater volume, velocity, and path across the site. The proposed development will not change legal points of discharge. A Stormwater Management Plan was prepared by RMA Engineers. This assessment identified that a detention basin will be constructed near the north-west corner of the property prior to discharge into the adjacent drainage line. This basin will be cleaned and maintained to ensure it meets the minimum design requirements.

The land on the development site is currently used for cropping, with minimal surface coverage from crops. Contour banks have been constructed for soil conservation. The conversion of the land to indoor poultry will result in most of the land use between sheds being lightly grazed pasture. This, combined with the existing contour banks, should improve runoff quality compared to the existing land use.

Existing erosion along the formed drain on the southern edge of the development site will also be repaired during construction.

Simple erosion control measures, such as silt fences and contour banks, will be established at the construction site. Batters will be lined with patchwork turf strips to assist in the quick establishment of grass cover following earthworks. Temporary sediment control structures will be retained until grass cover can be established. Retention of grass cover surrounding the construction site will further control and remove sediment from surface water flows. Sheep will be grazed between sheds to manage grass and weeds. A more detailed Erosion and Sediment Control Plan will be developed for construction.

### **3.6 OPERATIONAL DETAILS**

#### **3.6.1 LIFE OF OPERATION**

The rearing farm has been designed for long-term sustainability and has an indefinite lifetime. Should the rearing farm be decommissioned, sheds and infrastructure not required for the ongoing operation of the property will be removed. The site will be returned to pasture or cropping.

#### **3.6.2 HOURS OF OPERATION**

Due to welfare requirements, staff and general operations may be required 24 hours a day, seven days a week. However, where possible, operations, work and heavy vehicle movements will, generally, be restricted to daylight hours between 7 am and 6 pm, seven days a week. Heavy vehicle movements may occasionally be required outside of these hours but that is unlikely.

### 3.6.3 FEED REQUIREMENTS AND STORAGE

Feed will be manufactured at an off-site feedmill near Pittsworth operated by Alpair and delivered to silos adjacent to each shed. Auger systems will automatically distribute feed from the silos along the length of each shed at various heights in the aviary system. As Alpair will have full control over feed manufacturing and delivery, there is a limited potential for feed interruptions.

### 3.6.4 WATER SUPPLY

Based on metered water use within the existing Byculla rearing sheds, the existing Stage 1 and 2 rearing sheds utilise 46 ML/year and it is estimated that the Stage 3 expansion will utilise approximately 31 ML/year. As such, following the expansion, total site water use is estimated at 82 ML as this also accounts for the two Stage 2 sheds not yet constructed. This total requirement includes water for usage outside the sheds (e.g. staff amenities).

The property will be serviced by allocations attached to three bores which have licences with authorised purposes of 'any' (Licence Nos. 615916, 615915, and 621769) and a total allocation of 488 ML/year. These bores supply water to all Byculla operations (layer rearing and piggery) as well as contingency water for the nearby Gardens layer farm. All aspects of water supply and use are metered with current and accurate data utilised for decision making and compliance. Data for the last two years shows all allocations are underutilised and able to supply the additional sheds.

### 3.6.5 STAFF AMENITIES

Access to each pair of sheds will be shower-in/shower-out through the shared office and amenities building (Photograph 5). This building will include showers, toilets, lunch areas and offices. It is anticipated that two or three staff members will use each showering facility each day. However, toilets at each shed are unlikely to be used as frequently. Each amenities building will be serviced by a biological treatment system with wastewater irrigated in green spaces adjacent to each pair of sheds. Based on the anticipated usage, the combined capacity of all treatment systems will not exceed the 21 equivalent person threshold to be considered ERA 63 – sewage treatment.



**Photograph 5 – Central amenities building shared by a pair of sheds**

### 3.6.6 BIOSECURITY

Biosecurity is an extremely high priority for the facility and the shed layout and site have been specifically designed to allow for best practice biosecurity controls. Additionally, there is an extensive biosecurity plan in place for the broader Alpair operations and each individual property. The entire property will be fenced with dog-proof fencing and automated security gates will control access to the site (Photograph 6). Internal roads will also be fenced to restrict staff and vehicle movements. As discussed above, to access any part of the property, staff and visitors will need to shower-in and then shower-out upon exit. Personal items will be UV treated upon entry. Clean clothes and boots will be provided upon entry, with disinfectant footbaths to be used prior to entry into the sheds.

All feed will be delivered from the nearby feedmill which is owned and operated by Alpair.

Rodent traps will be placed at various points around the outside of the sheds and checked and emptied regularly.



**Photograph 6 – Security gate and fences are installed at the main property entrance**

### 3.6.7 EMERGENCY PROCEDURES

Alpair maintain an internal suite of detailed procedures, which include emergency procedures. However, due to the sensitive nature of some of these procedures, they are not appropriate for inclusion in a publicly available document such as this. The table of contents is provided in Figure 10. If an inspection or audit of the SBMP is undertaken by TRC or DPI officers, these procedures will be available for inspection.

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**Figure 10 – Table of contents showing emergency procedures**

## **3.7 SITE SUITABILITY**

### **3.7.1 COMMUNITY AMENITY**

Due to low stocking densities, optimised shed ventilation and regular removal of manure, rearing sheds do not emit a significant amount of odour. Odour modelling has been completed by Astute Environmental Consulting to confirm that the proposed development meets the required odour criteria at the nearest sensitive receptors, not owned by Alpair.

Existing and planted vegetation will provide screens for dust and minimise the impact on visual amenity. Existing vegetation screens planted for Stage 2 will be extended along the western and northern boundaries of the development site.

The site is suitable to ensure that ongoing management will prevent unreasonable impacts on sensitive receptors.

### 3.7.2 SURFACE WATER

The property contains one minor drainage line in the north-west corner of the development site. Due to the location of the drainage line, and position of the development site within the catchment, there will be no direct impact to surface water values. New culverts will not be required across waterways.

As the birds and manure will be fully contained within sheds or on trucks, there is a negligible potential for contaminants, such as nutrients and sediment, to leave the site. The conversion of most of the land from cropping to pasture is likely to reduce sediment leaving the property.

### 3.7.3 TOPOGRAPHY

The ideal orientation for poultry sheds is on an east-west alignment. This provides optimum efficiency for temperature control. However, due to the slope of the land, some sheds have been realigned in a different direction. This is to reduce the earthworks required for each shed by better matching the natural topography of the property.

### 3.7.4 SOILS

As birds are contained entirely with sheds, the only consideration for soils is the suitability of the material for construction. There is no ongoing environmental risk to soils from the poultry operations. Historic erosion will be remediated during construction and pasture established across all remaining land on the development site.

Geotechnical testing has been completed by RMA Soils, which will be considered in the shed foundation and road design.

### 3.7.5 VEGETATION

As the development site consists of cropped and grazed land, there is a very small impact to native vegetation or associated ecological systems.

## 4 ENVIRONMENTAL MANAGEMENT PLAN

The environmental design and management of the rearing farm aim to ensure compliance with the requirements of the EA, DP, and environmental standards of the RSPCA Approved Farming Scheme. Specific EA conditions identified below relate to the existing EA (Appendix A) and may be subject to change into the future. The operators of the activity must also comply with their General Environmental Duty (GED) under the EP Act.

The Farm Manager is responsible for all actions but may delegate the completion of these actions to other staff. The completion of the identified management actions will be recorded as they are completed. An electronic database, or spreadsheet, will be utilised to record each date on which the action is completed, and any corrective action required. Regular training and internal communication will ensure all employees, new and existing, are aware of their environmental obligations.

### 4.1 ENVIRONMENTAL RISK ASSESSMENT

An environmental risk assessment allows for the environmental risks presented by the proposed development to be identified and minimised as much as reasonably possible. Environmental risk is determined by the potential consequences of the activity and the likelihood of those consequences occurring (Table 4). Appropriate management strategies can then be identified based on the risk (Table 5).

For the purposes of this environmental risk assessment, consequence is described as:

- Negligible – environmental harm/nuisance is not detectable;
- Minor – environmental harm/nuisance is detected but is short term or easily remedied;
- Moderate – environmental harm/nuisance is ongoing and difficult to remedy;
- Significant – environmental harm/nuisance is long-term and extremely difficult to remedy; or
- Severe – environmental harm (not nuisance) is permanent and extremely difficult to remedy.

Likelihood is described as:

- Very unlikely – the consequence could occur in very specific and rare circumstances;
- Unlikely – the consequence could occur although it is not commonplace or expected;
- Possible – the consequence may occur but is not expected to be a regular occurrence;
- Likely – the consequence will probably occur and may occur on a regular basis; or
- Very Likely – the consequence is expected to regularly occur.

**Table 4 – Environmental Risk Assessment Matrix**

| Likelihood           | Consequence |         |          |             |          |
|----------------------|-------------|---------|----------|-------------|----------|
|                      | Negligible  | Minor   | Moderate | Significant | Severe   |
| <b>Very Likely</b>   | Low Med     | Medium  | Med-High | High        | High     |
| <b>Likely</b>        | Low         | Low Med | Medium   | Med-High    | High     |
| <b>Possible</b>      | Low         | Low Med | Medium   | Med-High    | Med-High |
| <b>Unlikely</b>      | Low         | Low Med | Low Med  | Medium      | Med-High |
| <b>Very Unlikely</b> | Low         | Low     | Low Med  | Medium      | Medium   |

**Table 5 – Environmental Risk Assessment**

| Environmental Value               |                 | Initial Risk                                              | Justification                                                                                                                                                                                                                                                                                                                 | Residual Risk                                                | Justification         |
|-----------------------------------|-----------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------|
| <b>Surface Water</b>              |                 | <b>Low</b><br>Consequences are negligible and possible.   | There is one minor drainage line on the development site which is not directly impacted by the sheds. On-site drainage has been modified through the implementation of contour banks.                                                                                                                                         | <b>Low</b><br>Consequences are negligible and very unlikely. | Refer to Section 4.2. |
| <b>Groundwater</b>                |                 | <b>Low-Medium</b><br>Consequences are minor and unlikely. | The area is identified as a groundwater recharge zone with strata dominated by fractured basalt. Nutrient within poultry manure has the potential to leach into groundwater if it contacts the ground.                                                                                                                        | <b>Low</b><br>Consequences are negligible and unlikely.      | Refer to Section 4.3. |
| <b>Land (Soil and Vegetation)</b> |                 | <b>Low-Medium</b><br>Consequences are minor and possible. | Most of the development site has been subject to historic cropping with no regulated vegetation present. There is evidence of existing erosion on the development site. Poultry will be contained within sheds and there are no range areas.                                                                                  | <b>Low</b><br>Consequences are negligible and unlikely.      | Refer to Section 4.4. |
| <b>Community Amenity</b>          | <b>Air</b>      | <b>Low-Medium</b><br>Consequences are minor and unlikely. | Due to separation, low population density, and the results of odour modelling, impacts due to odour are unlikely. Dust impacts are unlikely to exceed that of normal agricultural practice (e.g. cultivation and vehicle movements). Dust impacts may be reduced due to the cessation of cultivation on the development site. | <b>Low</b><br>Consequences are negligible and unlikely.      | Refer to Section 4.5. |
|                                   | <b>Acoustic</b> | <b>Low-Medium</b><br>Consequences are minor and unlikely. | The proposed development will have increased vehicle movements and additional noise from shed ventilation. The access points are currently utilised for the existing rearing shed and piggery.                                                                                                                                | <b>Low</b><br>Consequences are negligible and unlikely.      |                       |
|                                   | <b>Visual</b>   | <b>Low-Medium</b><br>Consequences are minor and likely.   | The proposed sheds will be identical to the existing Stage 2 sheds and spaced across the development site. The proposed vegetation screens will reduce shed visibility from public roads and adjacent dwellings.                                                                                                              | <b>Low</b><br>Consequences are negligible and likely.        |                       |

## **4.2 SURFACE WATER**

### **4.2.1 DESCRIPTION OF ENVIRONMENTAL VALUE**

Section 6 and 7 of the Water and Wetlands Policy identifies the environmental values for surface waters and wetlands. The on-site drainage line is considered to be moderately disturbed waters due to historic agricultural use and modification of flow paths (contour banks). Downstream water may be used for agricultural production and, in major creeks and rivers, may be used for stock and domestic use including drinking water.

As there are no on-site or immediately downstream wetlands, environmental values for wetlands have not been identified, nor will they be impacted by the proposed development.

Refer to Section 2.6 for more detail relating to on-site and downstream surface water features.

### **4.2.2 OBJECTIVES**

The rearing farm aims to achieve the following surface water objectives:

- Compliance with objectives set out in the Water and Wetlands Policy;
- Compliance with conditions of the EA;
- Compliance with conditions of the DA;
- Prevention of unreasonable impacts to surface water quality;
- Prevention of impacts to the bed and banks of watercourses; and
- Prevention of increases in surface water velocity.

### **4.2.3 POTENTIAL IMPACTS**

The rearing farm has the potential to cause the following impacts to surface waters:

- Increased contaminants resulting in algal blooms or damage to aquatic biodiversity; and
- Increased sediment loads because of soil erosion.

### **4.2.4 DESIGN CONSIDERATIONS**

The following design considerations have been implemented to minimise the potential impact to surface waters:

- Rearing sheds will be spread across the entire property to minimise cumulative impacts on surface water quality; and
- Contour banks will be maintained across the property to reduce surface water velocity and direct water around key infrastructure;
- Land between the sheds will be converted from cropping to grazing, with 100 % grass cover maintained in the grazed paddocks during normal or above average rainfall years; and
- A stormwater detention basin will be constructed in the north-west corner of the property.

#### 4.2.5 MANAGEMENT PRACTICES

Table 6 describes management strategies and actions to prevent or minimise the impact of the rearing farm on adjacent surface water features. Specific actions and the timing of these actions have also been identified.

**Table 6 – Surface Water Management Practices**

| Management | Actions                                                                                                       | Timing                                             |
|------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Sheds      | Ensure sheds are maintained to prevent the ingress of stormwater.                                             | At all times.                                      |
|            | Use high-pressure, low-volume equipment to minimise cleaning water pooling on the shed floor.                 | During shed cleaning.                              |
|            | Ensure residual cleaning water is evaporated using the ventilation system.                                    | Following cleaning and prior to placing new birds. |
|            | Check that the pooling of water does not occur immediately surrounding the sheds. Fix as required.            | Following heavy rainfall events.                   |
|            | Place daily mortalities in identified bins and transfer to the Biobowser for composting.                      | Daily.                                             |
|            | Transfer partially composted material from the Biobowser shed to the off-site composting facility.            | Daily.                                             |
|            | Ensure spent litter is removed from the sheds and immediately placed in trucks for removal from the site.     | During spent litter removal.                       |
|            | Spent litter must not be stockpiled outside the shed.                                                         | At all times.                                      |
|            | Clean up and remove spilled manure from around the outside of the shed and manure chute.                      | Daily.                                             |
|            | As required, plant additional trees along key drainage lines to stabilise banks.                              | Ongoing.                                           |
|            | Inspect water lines within the sheds and repair any leaks.                                                    | Daily.                                             |
| Other      | Inspect sewage treatment systems to ensure they are operating correctly and not overflowing.                  | Monthly.                                           |
|            | Ensure chemicals and fuels stored in bulk are within a shed on a concrete floor or in self-bunded containers. | At all times.                                      |

#### 4.2.6 MONITORING

As there are no range areas or spreading of manure on the property, there is a negligible residual risk to surface water. As such, monitoring is not proposed beyond the management of erosion within on-site drainage features.

## **4.3 GROUNDWATER**

### **4.3.1 DESCRIPTION OF ENVIRONMENTAL VALUE**

Section 6 of the Water and Wetlands Policy identifies the environmental values for groundwater. The shallowest groundwater aquifers in the region are considered to be slightly disturbed waters but are likely to be impacted by regular use from existing domestic and agricultural uses. Groundwater may be used for agricultural production or domestic use including drinking water.

Groundwater is contained within the Walloon Coal Measures aquifer at the shallowest depth of approximately 74 m and is considered to be a recharge zone. Refer to Section 2.7 for more detail.

### **4.3.2 OBJECTIVES**

The rearing farm aims to achieve the following groundwater objectives:

- Compliance with objectives set out in the Water and Wetlands Policy;
- Compliance with conditions of the EA;
- Compliance with conditions of the DA; and
- Prevention of unreasonable impacts to groundwater quality.

### **4.3.3 POTENTIAL IMPACTS**

The rearing farm has the potential to cause the following impacts to groundwater:

- Increase in groundwater contaminants impacting on groundwater biodiversity or quality of water supply to adjacent properties.

### **4.3.4 DESIGN CONSIDERATIONS**

The following design considerations have been implemented to minimise the potential impact to groundwater:

- The sheds will be constructed with a concrete floor and a rat wall which prevents cleaning water from leaving the sheds; and
- Free-range areas are not proposed.

### **4.3.5 MANAGEMENT PRACTICES**

Table 7 describes management strategies and actions to prevent or minimise the impact of the rearing farm on underlying groundwater aquifers. Specific actions and the timing of these actions have also been identified.

**Table 7 – Groundwater Management Practices**

| Management | Actions                                                                                                       | Timing                           |
|------------|---------------------------------------------------------------------------------------------------------------|----------------------------------|
| Sheds      | Check and maintain the integrity of the concrete floor, rat walls and external concrete strip.                | Annually or during clean out.    |
|            | Check that the pooling of water does not occur immediately surrounding the sheds. Fix as required.            | Following heavy rainfall events. |
|            | Place daily mortalities in identified bins and transfer to the Biobowser for composting.                      | Daily.                           |
|            | Transfer partially composted material from the Biobowser shed to the off-site composting facility.            | Daily.                           |
|            | Ensure spent litter is removed from the sheds and immediately placed in trucks for removal from the site.     | During spent litter removal.     |
|            | Spent litter must not be stockpiled outside the shed.                                                         | At all times.                    |
| Other      | Inspect sewage treatment systems to ensure they are operating correctly and not overflowing.                  | Monthly.                         |
|            | Ensure chemicals and fuels stored in bulk are within a shed on a concrete floor or in self-bunded containers. | At all times.                    |

#### 4.3.6 MONITORING

As there are no range areas or spreading of manure on the property, there is a negligible residual risk to groundwater. Regardless, groundwater sampling is completed every six months for all water supply bores across Alpair operations.

### 4.4 LAND

#### 4.4.1 DESCRIPTION OF ENVIRONMENTAL VALUE

On-site soils vary from lighter clay loams to darker clays. Good soil quality ensures long-term agricultural production and is linked to surface water and groundwater values. There is no regulated vegetation on the property and a small number of native trees around the existing cattle yards and ancillary rural building. There is a low risk that the property provides habitat for plants and animals protected under the NC Act and EPBC Act.

#### 4.4.2 OBJECTIVES

The rearing farm aims to achieve the following land objectives:

- Compliance with conditions of the EA;
- Compliance with conditions of the DA;
- Minimisation of the impact of development on the ongoing use of agricultural land;
- Minimisation of the clearing of or impact to remnant native vegetation; and
- Prevention of unreasonable impacts to the physical and chemical structure of soils.

#### 4.4.3 POTENTIAL IMPACTS

The rearing farm has the potential to cause the following impacts to land:

- Fragmentation of agricultural land through development;

- Loss of biodiversity associated with native vegetation; and
- Erosion of topsoil due to the breakdown of soil structure.

#### 4.4.4 DESIGN CONSIDERATIONS

The following design considerations have been implemented to minimise the potential impact to land:

- Rearing sheds will not be located on steep (>10 % slope) land;
- Orientation of sheds has been optimised for earthworks construction;
- Construction of sheds will only require the clearing of a small number of native trees around exiting infrastructure; and
- Adjacent areas disturbed during shed and road construction will be revegetated with grass.

#### 4.4.5 MANAGEMENT PRACTICES

Table 8 describes management strategies and actions to prevent or minimise the impact of the rearing farm on the land including soil and native vegetation. Specific actions and the timing of these actions have also been identified.

**Table 8 – Land Management Practices**

| Management          | Actions                                                                                                                                                            | Timing                                                 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Property Management | Remediate existing erosion along internal drainage lines.                                                                                                          | During or following construction.                      |
|                     | Maintain contour banks and bunds to control runoff and minimise erosion in the on-site drainage lines.                                                             | As required.                                           |
|                     | Except during extreme drought conditions, maintain grass cover on all land between sheds or other infrastructure.                                                  | At all times.                                          |
|                     | Manage groundcover across the property through the selective grazing of sheep. Remove sheep during extended dry periods to prevent denudation of the soil surface. | As required.                                           |
| Biodiversity        | Check and replace rodent traps.                                                                                                                                    | Weekly or more frequently during high rodent activity. |
|                     | Clean up spilt feed and manure to discourage access by native and feral animals.                                                                                   | Daily.                                                 |
| Rehabilitation      | Stockpile topsoil during construction and place it on disturbed areas and batters to facilitate regrowth of grass cover.                                           | Following construction.                                |
|                     | Along with topsoil, place turf or seed on disturbed areas to expedite grass recovery.                                                                              | Following construction.                                |
|                     | Remove sheds and other structures no longer required for ongoing farm operations. Deep rip compacted soils and return to pasture and/or cropping.                  | Upon the cessation of the activity,                    |

#### 4.4.6 MONITORING

As there are no range areas or spreading of manure on the property, there is a negligible residual risk to soils. On-site drainage lines and contours are to be inspected following heavy rain or at least twice annually.

### 4.5 COMMUNITY AMENITY

#### 4.5.1 DESCRIPTION OF ENVIRONMENTAL VALUE

Community amenity is identified as an environmental value that covers all considerations of air (dust and odour), noise, and visual impacts. This includes environmental nuisance and any health impacts that can occur from excessive nuisance, particularly dust. Specific definitions of environmental values are described in Section 6 of the *Environmental Protection (Air) Policy 2019* (EPP Air) and the *Environmental Protection (Noise) Policy 2019* (EPP Noise).

There are three sensitive receptors close to the farm with the nearest sensitive receptor approximately 620 m west of the nearest rearing shed (Stage 2 existing). Generally, the region is dominated by grazing, cropping and intensive livestock uses with no urban areas nearby. Amenity is the ability for people to enjoy the expectations offered by a rural area, free from unreasonable impacts from odour, dust, and noise and with limited impacts on the rural landscape.

#### 4.5.2 OBJECTIVES

The rearing farm aims to achieve the following community amenity objectives:

- Compliance with conditions of the EA;
- Compliance with conditions of the DA;
- Compliance with objectives set out in the EPP Air;
- Compliance with objectives set out in the EPP Noise;
- Prevention of unreasonable odour, dust, and noise impacts on nearby sensitive receptors; and
- Prevention of unreasonable impacts to the visual landscape of the locality.

#### 4.5.3 POTENTIAL IMPACTS

The rearing farm has the potential to cause the following impacts to community amenity:

- Environmental nuisance as a result of odour, dust and noise emissions including impacts on sleep;
- Adverse health impacts (e.g. asthma) from unreasonable dust emissions;
- Interruption of the rural landscape; and
- Increased weeds and pests in the area and on adjacent properties.

#### 4.5.4 DESIGN CONSIDERATIONS

The following design considerations have been implemented to minimise the potential impact on community amenity:

- Sheds will be state-of-the-art, best-practice design for animal welfare and odour management;
- Odour modelling has been completed to confirm that the proposed development meets the required odour criteria at the nearest sensitive receptors;
- Sheds will be spread across the property to maximise odour and dust dispersion;
- Where not already in place, vegetation screens will be planted on all property boundaries; and
- On-site speed will be limited to 40 km/hour and will be signed.

#### 4.5.5 MANAGEMENT PRACTICES

Table 9 describes management strategies and actions to prevent or minimise the impact of the rearing farm on community amenity. Specific actions and the timing of these actions have also been identified.

**Table 9 – Community Amenity Management Practices**

| Management | Actions                                                                                                                               | Timing                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Odour      | Ensure mechanical ventilation provides optimum conditions for bird welfare and odour emissions.                                       | Automated monitoring with alerts results in 24/7 optimisation. |
|            | Place fresh bedding on floors to absorb moisture and for bird comfort.                                                                | Within a week of bird placement.                               |
|            | Empty manure belts into trucks for removal off-site.                                                                                  | Twice a week.                                                  |
|            | Clean up spilt manure and feed.                                                                                                       | Daily.                                                         |
|            | Inspect and repair any leaks in water lines or drinkers.                                                                              | Inspect during daily walk-throughs and repair within a week.   |
|            | Remove and replace any wet litter resulting from unexpected water leaks.                                                              | As required within a week of identification.                   |
|            | Place daily mortalities in identified bins and transfer to the Biobowser for composting.                                              | Daily.                                                         |
|            | Transfer partially composted material from the Biobowser shed to the off-site composting facility.                                    | Daily.                                                         |
|            | Temporarily stockpile spent litter within the shed.                                                                                   | During shed cleaning or emergency situations.                  |
| Dust       | Ensure mechanical ventilation provides optimum conditions for bird welfare and dust emissions.                                        | Automated monitoring with alerts results in 24/7 optimisation. |
|            | Water internal roads and construction area for dust suppression.                                                                      | During extended dry and/or windy periods.                      |
|            | Grade and maintain internal roads.                                                                                                    | As required.                                                   |
|            | Maintain a small gravel stockpile on or near the property to allow for ongoing road maintenance.                                      | At all times.                                                  |
| Noise      | Maintain and replace ventilation systems, feed delivery, and manure collection equipment to minimise noise, particularly on start-up. | As required.                                                   |

| Management | Actions                                                                                                                                                                                                                        | Timing                                       |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
|            | Where possible, restrict operating hours to between 7 am and 6 pm.                                                                                                                                                             | Ongoing                                      |
|            | Record any out of hours vehicle movements and a reason for those trips.                                                                                                                                                        | As required.                                 |
|            | Maintain an electronic asset register for plant and equipment including details of maintenance requirements to ensure maintenance occurs in accordance with manufacturers specifications.                                      | At all times.                                |
|            | Grade and maintain internal roads.                                                                                                                                                                                             | As required.                                 |
|            | Maintain a small gravel stockpile on or near the property to allow for ongoing road maintenance.                                                                                                                               | At all times.                                |
|            | Perform ongoing training and communication to ensure speed limits are observed.                                                                                                                                                | Upon staff induction and annually.           |
| Visual     | Establish and maintain the vegetation screen to maturity.                                                                                                                                                                      | Ongoing.                                     |
|            | Maintain and replace buildings and equipment to prevent them becoming an eyesore.                                                                                                                                              | As required.                                 |
| Complaints | Set up and maintain a complaints register.                                                                                                                                                                                     | At all times.                                |
|            | Provide a contact number in a visible location on the property entrance.                                                                                                                                                       | At all times.                                |
|            | Undertake a brief review of weather conditions and operations following a complaint. Include potential causes and any necessary corrective actions. Provide feedback to the complainant. A template is provided in Appendix I. | Within a week of a complaint being received. |
|            | Provide a summary of complaints to DAF.                                                                                                                                                                                        | Periodically or upon request.                |

#### 4.5.6 MONITORING

Monitoring for odour, dust, and noise will be completed if requested by DAF or temporarily following receipt of a complaint.

## **5 CONCLUSION**

The rearing farm has been designed and will be managed in accordance with the *Egg Industry Environmental Guidelines 2018*. It is a rural development in a rural area and the surrounding environment, both built and natural, will be protected through the design and proposed management.

## **6 REFERENCES**

Harris, P. S., Coutts, A. J. and Biggs, A. J. W. (1999) 'Central Darling Downs land management manual: Wambo, Pittsworth, Rosalie, Millmerran, Jondaryan Shires, Dalby Town and Toowoomba City'. Brisbane, Qld: Queensland Department of Primary Industries and Queensland Department of Natural Resources and Natural Heritage Trust (Australia).

# **APPENDIX A – EXISTING ENVIRONMENTAL AUTHORITY**

## **APPENDIX B – CONTAMINATED LAND SEARCH**



Department of Environment and Science (DES)  
ABN 46 640 294 485  
400 George St Brisbane, Queensland 4000  
GPO Box 2454, Brisbane QLD 4001, AUSTRALIA  
[www.des.qld.gov.au](http://www.des.qld.gov.au)

**SEARCH RESPONSE**  
**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)**  
**CONTAMINATED LAND REGISTER (CLR)**

Matt Norton  
PO Box 292  
Toowoomba QLD 4350

Transaction ID: 50919104      EMR Site Id: 28 February 2024  
Cheque Number:  
Client Reference:

This response relates to a search request received for the site:  
Lot: 1745      Plan: A34901

ADDRESS NOT FOUND

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

All search responses include particulars of land listed in the EMR/CLR when the search was generated.  
The EMR/CLR does NOT include:-

1. land which is contaminated land (or a complete list of contamination) if DES has not been notified
2. land on which a notifiable activity is being or has been undertaken (or a complete list of activities) if DES has not been notified

If you have any queries in relation to this search please email [emr.clr.registry@des.qld.gov.au](mailto:emr.clr.registry@des.qld.gov.au)

**Administering Authority**

## **APPENDIX C – BORE REPORTS**

From Year:

| Registered Number | Facility Type         | Facility Status     | Drilled Date  | Office         | Shire                     |
|-------------------|-----------------------|---------------------|---------------|----------------|---------------------------|
| 192597            | Sub-Artesian Facility | Existing            | 28/06/2022    | Toowoomba      | 6910 - TOOWOOMBA REGIONAL |
| Details           |                       |                     | Location      |                |                           |
| Description       | DRILL LOG 69847644    |                     | Latitude      | 27-47-50       | Basin 4223                |
| Parish            | 6000 - NO LONGER USED |                     | Longitude     | 151-38-18      | Sub-area                  |
| Original Name     |                       |                     | GIS Latitude  | -27.7972222222 | Lot 1745                  |
|                   |                       |                     | GIS Longitude | 151.6383333333 | Plan A34901               |
|                   |                       |                     | Easting       | 365860         |                           |
|                   |                       |                     | Northing      | 6924516        | Map Scale                 |
| Driller Name      | CRANK, MICHAEL        |                     | Zone          | 56             | Map Series                |
| Drill Company     | CRANK DRILLING        |                     | Accuracy      |                | Map No                    |
| Const Method      | ROTARY AIR            |                     | GPS Accuracy  |                | Map Name                  |
| Bore Line         |                       |                     | Checked       | Yes            | Prog Section              |
| D/O File No       | 083/0027344 (0182)    | Polygon             |               |                |                           |
| R/O File No       |                       | Equipment           |               |                |                           |
| H/O File No       |                       | RN of Bore Replaced | 87333         |                |                           |
| Log Received Date | 01/07/2022            | Data Owner          |               |                |                           |
| Roles             | Water Supply          |                     |               |                |                           |

| Casing |            |     |         |            |                              |               |                     |                       | 10 records for RN 192597 |
|--------|------------|-----|---------|------------|------------------------------|---------------|---------------------|-----------------------|--------------------------|
| Pipe   | Date       | Rec | Top (m) | Bottom (m) | Material Description         | Mat Size (mm) | Size Desc           | Outside Diameter (mm) |                          |
| A      | 28/06/2022 | 1   | 0.00    | 159.00     | Polyvinyl Chloride           | 15.950        | WT - Wall Thickness | 177                   |                          |
| A      | 28/06/2022 | 2   | 0.00    | 12.00      | Steel Casing                 | 6.400         | WT - Wall Thickness | 263                   |                          |
| A      | 28/06/2022 | 3   | 0.00    | 50.00      | Centraliser                  |               |                     |                       |                          |
| A      | 28/06/2022 | 4   | 78.00   | 96.00      | Perforated or Slotted Casing | 2.000         | AP - Aperture Size  | 177                   |                          |
| A      | 28/06/2022 | 5   | 114.00  | 126.00     | Perforated or Slotted Casing | 2.000         | AP - Aperture Size  | 177                   |                          |

From Year:

| Pipe | Date       | Rec | Top (m) | Bottom (m) | Material Description         | Mat Size (mm) | Size Desc          | Outside Diameter (mm) |
|------|------------|-----|---------|------------|------------------------------|---------------|--------------------|-----------------------|
| A    | 28/06/2022 | 6   | 132.00  | 138.00     | Perforated or Slotted Casing | 2.000         | AP - Aperture Size | 177                   |
| A    | 28/06/2022 | 7   | 142.00  | 146.00     | Perforated or Slotted Casing | 2.000         | AP - Aperture Size | 177                   |
| X    | 28/06/2022 | 8   | 50.00   | 159.00     | Gravel Pack                  |               |                    | 245                   |
| X    | 28/06/2022 | 9   | 0.00    | 50.00      | Grout                        |               |                    | 245                   |
| X    | 28/06/2022 | 10  | 0.00    | 12.00      | Grout                        |               |                    | 310                   |

Strata Logs

23 records for RN 192597

| Rec | Top (m) | Bottom (m) | Strata Description         |
|-----|---------|------------|----------------------------|
| 1   | 0.00    | 2.00       | TOP SOIL                   |
| 2   | 2.00    | 6.00       | WEATHERED SANDSTONE        |
| 3   | 6.00    | 19.00      | GREY SHALE                 |
| 4   | 19.00   | 30.00      | GREY SHALE & COAL BANDS    |
| 5   | 30.00   | 38.00      | SANDY SHALE                |
| 6   | 38.00   | 41.00      | GREY SHALE                 |
| 7   | 41.00   | 44.00      | SANDY SHALE                |
| 8   | 44.00   | 51.00      | GREY SHALE & COAL BANDS    |
| 9   | 51.00   | 59.00      | SANDY SHALE                |
| 10  | 59.00   | 74.00      | GREY SHALE                 |
| 11  | 74.00   | 75.00      | COAL *                     |
| 12  | 75.00   | 80.00      | GREY SHALE                 |
| 13  | 80.00   | 83.00      | COAL *                     |
| 14  | 83.00   | 86.00      | GREY SHALE                 |
| 15  | 86.00   | 94.00      | COAL *                     |
| 16  | 94.00   | 115.00     | GREY SHALE WITH COAL BANDS |

From Year:

| Rec | Top (m) | Bottom (m) | Strata Description          |
|-----|---------|------------|-----------------------------|
| 17  | 115.00  | 125.00     | COAL *                      |
| 18  | 125.00  | 132.00     | GREY SHALE                  |
| 19  | 132.00  | 135.00     | COAL *                      |
| 20  | 135.00  | 143.00     | GREY SHALE                  |
| 21  | 143.00  | 145.00     | COAL *                      |
| 22  | 145.00  | 154.00     | SANDY SHALE WITH COAL BANDS |
| 23  | 154.00  | 159.00     | SANDY SHALE                 |

Stratigraphies

0 records for RN 192597

Aquifers

6 records for RN 192597

| Rec | Top (m) | Bottom (m) | Lithology   | Date       | SWL (m) | Flow | Quality          | Yield (L/s) | Contr | Cond | Formation Name        |
|-----|---------|------------|-------------|------------|---------|------|------------------|-------------|-------|------|-----------------------|
| 1   | 74.00   | 75.00      | COAL - Coal |            |         | N    | 960 PPM<br>7.3PH | 0.50        | Y     | FR   | WALLOON COAL MEASURES |
| 2   | 80.00   | 83.00      | COAL - Coal |            |         | N    | 960 PPM<br>7.6PH | 1.00        | Y     | FR   | WALLOON COAL MEASURES |
| 3   | 86.00   | 94.00      | COAL - Coal |            |         | N    | 900 PPM<br>7.3PH | 2.00        | Y     | FR   | WALLOON COAL MEASURES |
| 4   | 115.00  | 125.00     | COAL - Coal |            |         | N    | 840 PPM<br>7.3PH | 2.00        | Y     | FR   | WALLOON COAL MEASURES |
| 5   | 132.00  | 135.00     | COAL - Coal |            |         | N    | 790 PPM<br>7.3PH | 2.50        | Y     | FR   | WALLOON COAL MEASURES |
| 6   | 143.00  | 145.00     | COAL - Coal | 28/06/2022 | -28.00  | N    | 760 PPM<br>7.4PH | 1.00        | Y     | FR   | WALLOON COAL MEASURES |

Pump Tests Part 1

0 records for RN 192597

Pump Tests Part 2

0 records for RN 192597

Bore Conditions

0 records for RN 192597

**From Year:**

| Elevations             |            |               |           |                         |                          |      |                 |               |  | 1 | records for RN | 192597 |
|------------------------|------------|---------------|-----------|-------------------------|--------------------------|------|-----------------|---------------|--|---|----------------|--------|
| Pipe                   | Date       | Elevation (m) | Precision |                         | Datum                    | Meas | Point           | Survey Source |  |   |                |        |
| X                      | 11/07/2022 | 435.00        | EST       | Estimate Using Contours | AHD - Aust. Height Datum | N    | Natural Surface |               |  |   |                |        |
| Water Analysis Part 1  |            |               |           |                         |                          |      |                 |               |  | 0 | records for RN | 192597 |
| Water Analysis Part 2  |            |               |           |                         |                          |      |                 |               |  | 0 | records for RN | 192597 |
| Water Levels           |            |               |           |                         |                          |      |                 |               |  | 0 | records for RN | 192597 |
| Wire Line Logs         |            |               |           |                         |                          |      |                 |               |  | 0 | records for RN | 192597 |
| Field Measurements     |            |               |           |                         |                          |      |                 |               |  | 0 | records for RN | 192597 |
| Special Water Analysis |            |               |           |                         |                          |      |                 |               |  | 0 | records for RN | 192597 |

From Year:

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## **APPENDIX D – VEGETATION MANAGEMENT REPORT**



## **Vegetation management report**

For Lot: 1745 Plan: A34901

28/02/2024

This publication has been compiled by Operations Support, Department of Resources.

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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 Environment and Science 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 Resources who administer the framework;

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

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

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

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

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

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

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

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

- the vegetation management framework, which may include:

- exempt clearing work;
- accepted development vegetation clearing code;
- an area management plan;
- a development approval;

- the protected plant framework, which may include:

- the need to undertake a flora survey;
- exempt clearing;
- a protected plant clearing permit;

- the koala protection framework, which may include:

- exempted development;
- a development approval;
- the need to undertake clearing sequentially and in the presence of a koala spotter.

## Other laws

The clearing of native vegetation is regulated by both Queensland and Australian legislation, and some local governments also regulate native vegetation clearing. You may need to obtain an approval or permit under another Act, such as the Commonwealth Government's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Section 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: 1745 Plan: A34901, 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) |
|------|--------|----------|---------------------------------|
| 1745 | A34901 | Freehold | 809,370                         |

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 this property 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: 1745 Plan: A34901, in relation to natural and administrative boundaries.

**Table 2: Property location details**

| Local Government(s) |
|---------------------|
| Toowoomba Regional  |

| Bioregion(s)  | Subregion(s)          |
|---------------|-----------------------|
| Brigalow Belt | Eastern Darling Downs |

| Catchment(s)      |
|-------------------|
| Balonne-Condamine |

## 2. Vegetation management framework (administered by the Department of Resources)

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 Resources 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 Resources 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 Resources 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 Resources 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 Resources 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 Resources

For further information on the vegetation management framework:

**Phone** 135VEG (135 834)

**Email** [vegetation@resources.qld.gov.au](mailto:vegetation@resources.qld.gov.au)

**Visit** <https://www.resources.qld.gov.au/?contact=vegetation> to submit an online enquiry.

### 3. Vegetation management framework for Lot: 1745 Plan: A34901

#### 3.1 Vegetation categories

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

Table 3: Vegetation categories for subject property. Total area: 81.35ha

| Vegetation category | Area (ha) |
|---------------------|-----------|
| Category X          | 81.3      |

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 Resources 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 of Resources 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)

The following Property Map of Assessable Vegetation (PMAVs) may be present on this property:

**Reference number**

2018/002291

## 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 |
|--------------------|------------|----------|-----------|-------------------|--------------------|
| non-rem            | None       | X        | 81.35     | 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**

No records

**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\***

Non 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?**

Class A (with urban areas masked as per SPP): 81.35ha

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: 1745 Plan: A34901.

## 4. Vegetation management framework maps

Vegetation management maps included in this report may also be requested individually at:

<https://www.resources.qld.gov.au/qld/environment/land/vegetation/vegetation-map-request-form>

### **Regulated vegetation management map**

The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new [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.

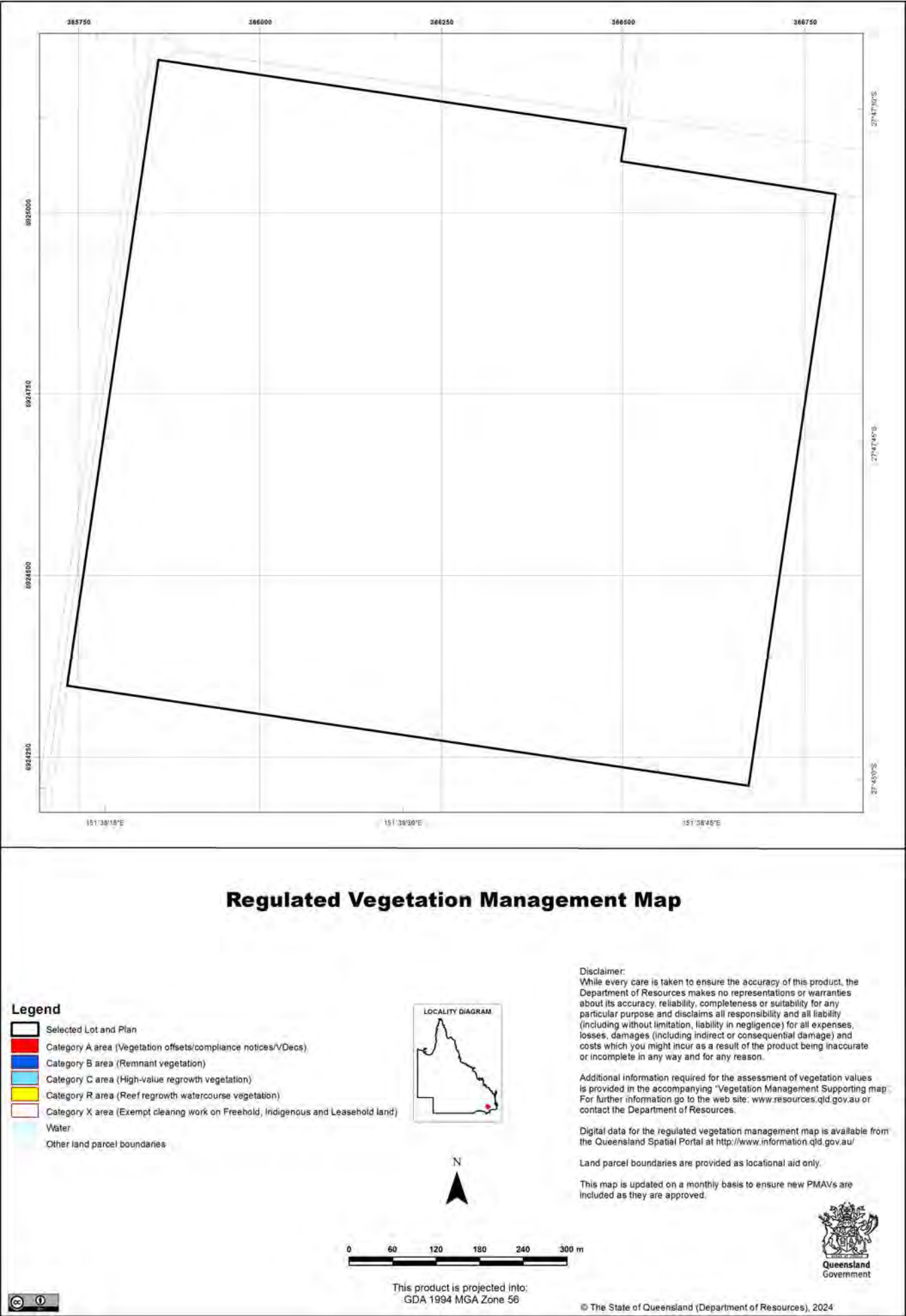
### **Coastal/non-coastal map**

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).

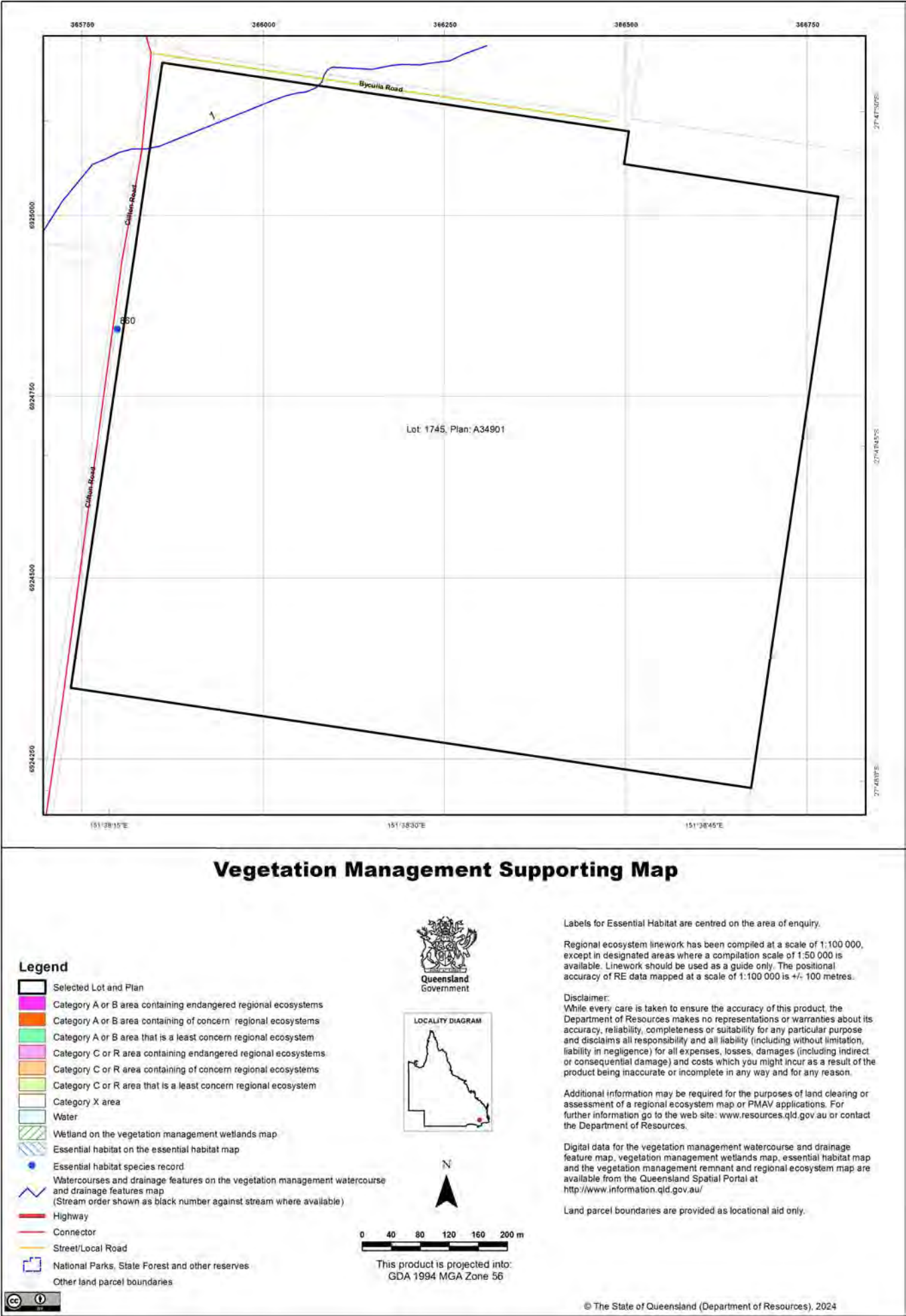
### **Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture**

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.

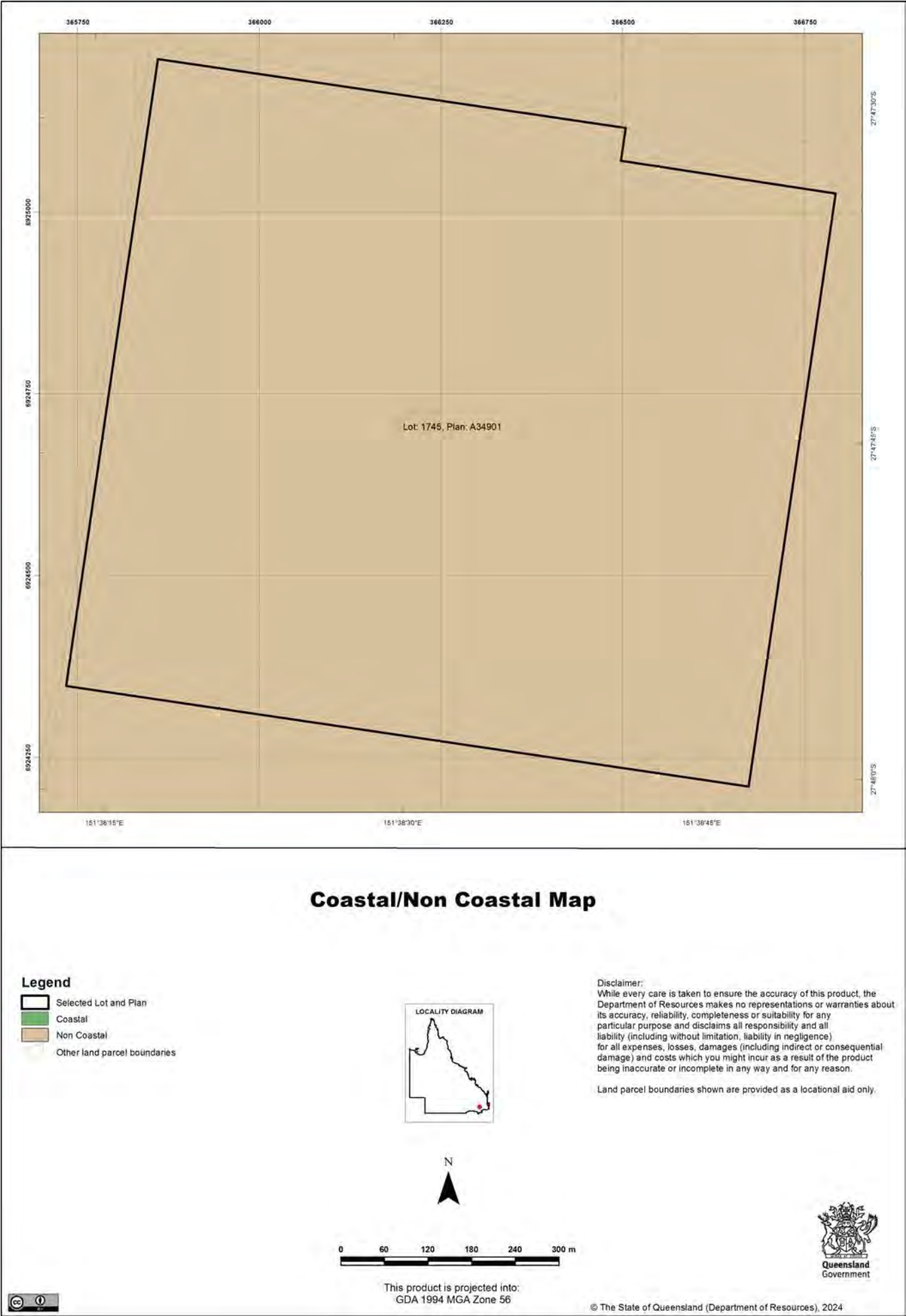
# 4.1 Regulated vegetation management map



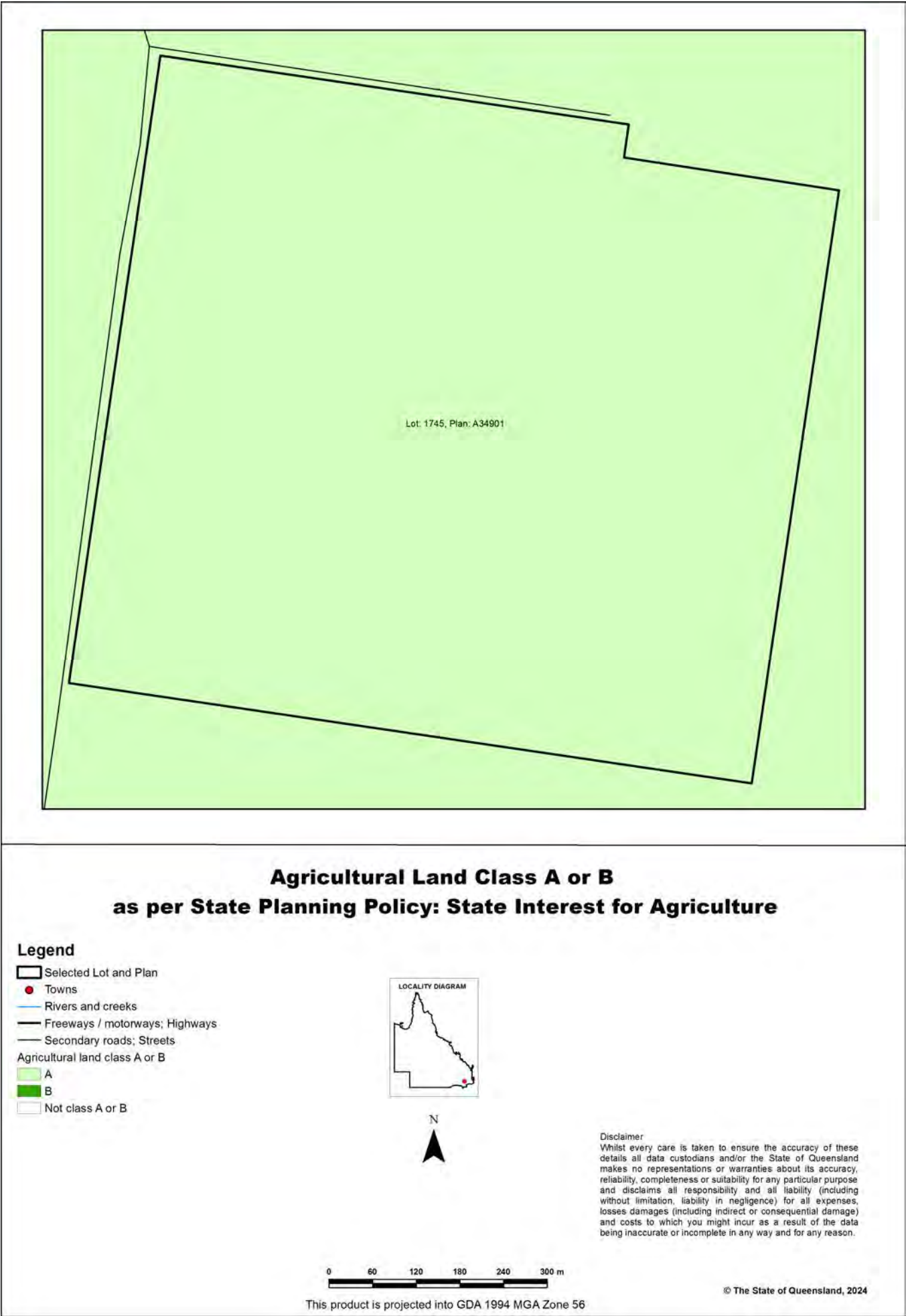
4.2 Vegetation management supporting map



### 4.3 Coastal/non-coastal map



# 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 Environment and Science (DES))

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 a threatened or near threatened plant can be avoided, the clearing activity is exempt from a permit. An [exempt clearing notification form](#) must be submitted to the Department of Environment and Science, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that 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 plants are present in, or within 100m of, the area to be cleared. You must keep a copy of the flora survey trigger map for the area subject to clearing for five years from the day the clearing starts. If you do not clear within the 12 month period that the flora survey trigger map was printed, you need to print and check a new flora survey trigger map.

### 5.3 Exemptions

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

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

### 5.4 Contact information for DES

For further information on the protected plants framework:

**Phone** 1300 130 372 (and select option four)

**Email** [palm@des.qld.gov.au](mailto:palm@des.qld.gov.au)

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

## 5.5 Protected plants flora survey trigger map

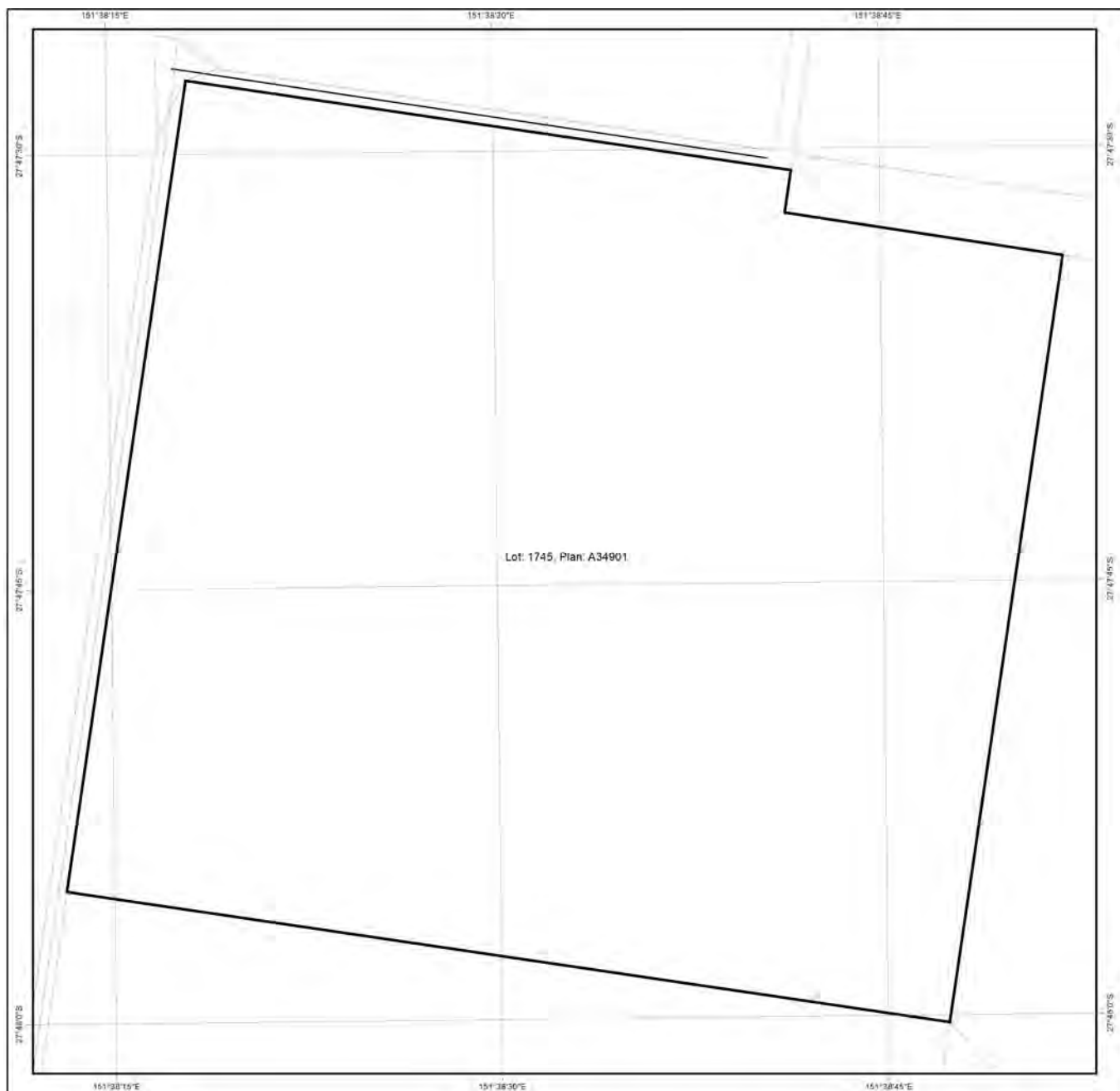
This map included may also be requested individually at: <https://apps.des.qld.gov.au/map-request/flora-survey-trigger/>.

### 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 Environment and Science does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment and Science webpage on the [clearing of protected plants](#) for more information.



## Protected Plants Flora Survey Trigger Map

### Legend

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



0 40 80 120 160 200 m

This product is projected into:  
GDA 1994 MGA Zone 56

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 Environment and Science at [palm@des.qld.gov.au](mailto:palm@des.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 Environment and Science (DES))

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 by 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 DES

For further information on the koala protection framework:

**Phone** 13 QGOV (13 74 68)

**Email** [koala.assessment@des.qld.gov.au](mailto:koala.assessment@des.qld.gov.au)

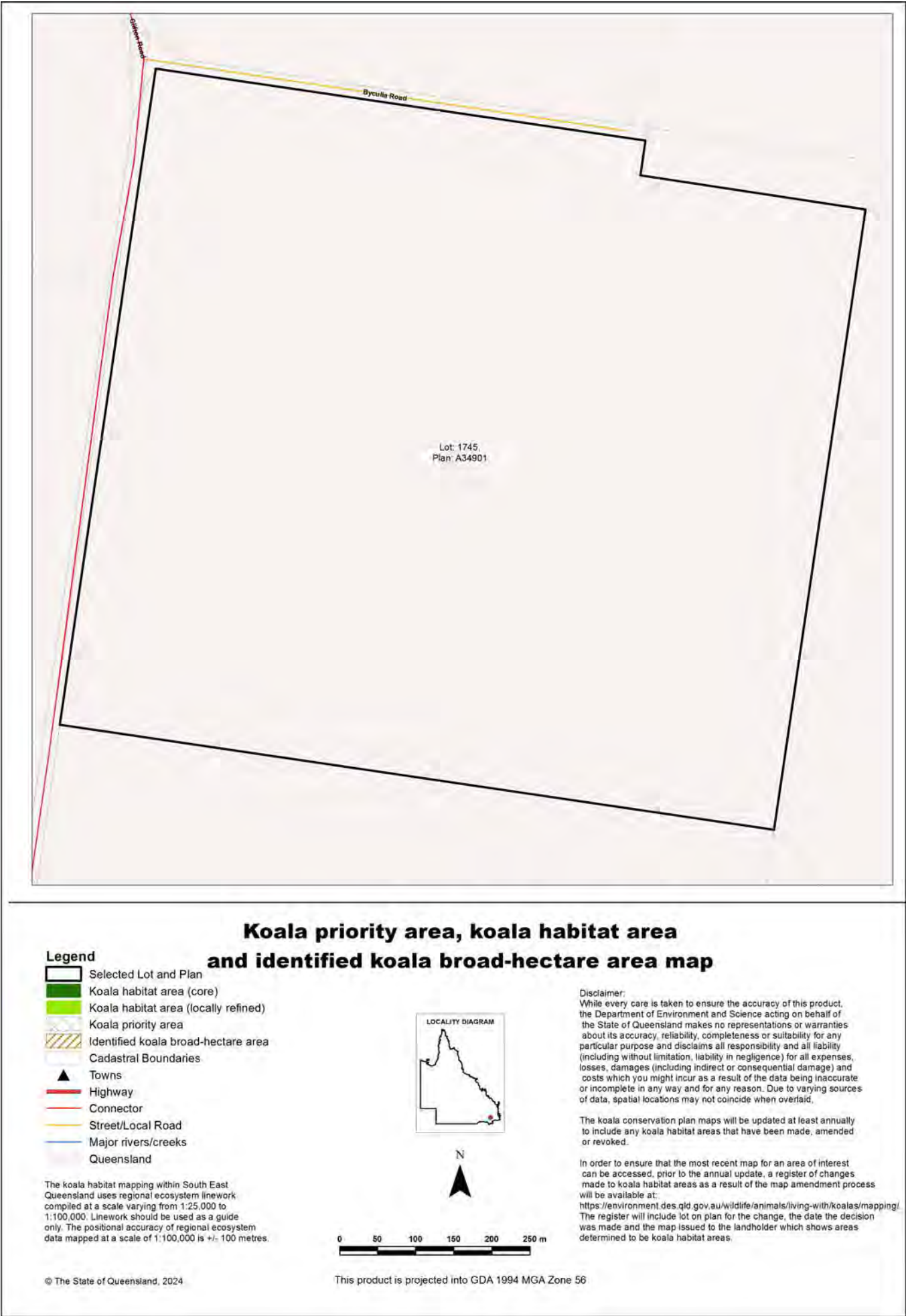
**Visit** <https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping>

## 7. Koala protection framework details for Lot: 1745 Plan: A34901

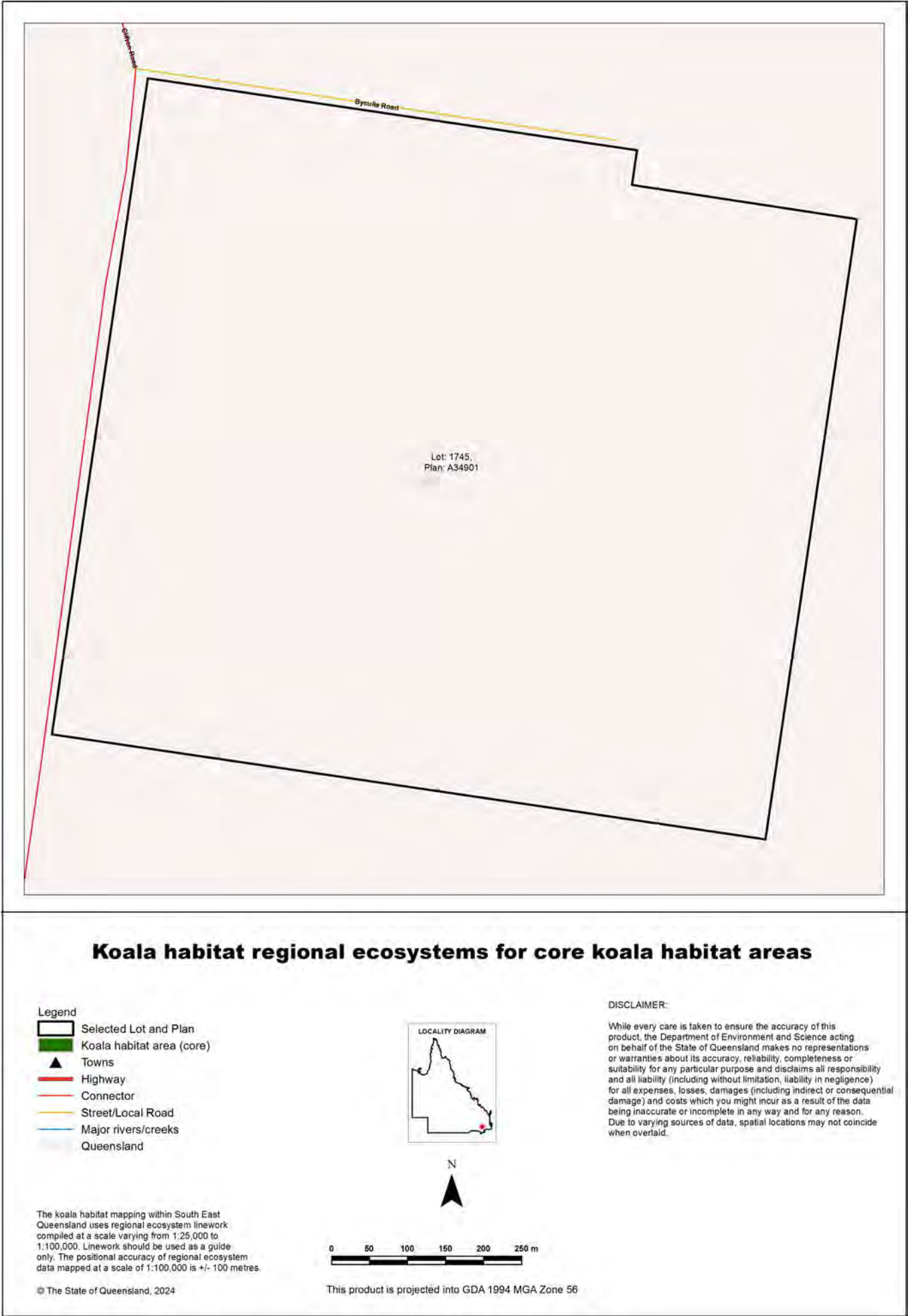
### 7.1 Koala districts

Koala District C

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



### 7.3 Koala habitat regional ecosystems for core koala habitat areas



## 8. Other relevant legislation contacts list

| Activity                                                                                                                                                                      | Legislation                                                                                                                          | Agency                                                                                                                                       | Contact details                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Interference with overland flow</li> <li>• Earthworks, significant disturbance</li> </ul>                                            | <i>Water Act 2000</i><br><i>Soil Conservation Act 1986</i>                                                                           | Department of Regional Development, Manufacturing and Water<br>(Queensland Government)<br>Department of Resources<br>(Queensland Government) | Ph: 13 QGOV (13 74 68)<br><a href="http://www.rdmw.qld.gov.au">www.rdmw.qld.gov.au</a><br><a href="http://www.resources.qld.gov.au">www.resources.qld.gov.au</a> |
| <ul style="list-style-type: none"> <li>• Indigenous Cultural Heritage</li> </ul>                                                                                              | <i>Aboriginal Cultural Heritage Act 2003</i><br><i>Torres Strait Islander Cultural Heritage Act 2003</i>                             | Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships                                            | Ph: 13 QGOV (13 74 68)<br><a href="http://www.datsip.qld.gov.au">www.datsip.qld.gov.au</a>                                                                       |
| <ul style="list-style-type: none"> <li>• Mining and environmentally relevant activities</li> <li>• Infrastructure development (coastal)</li> <li>• Heritage issues</li> </ul> | <i>Environmental Protection Act 1994</i><br><i>Coastal Protection and Management Act 1995</i><br><i>Queensland Heritage Act 1992</i> | Department of Environment and Science<br>(Queensland Government)                                                                             | Ph: 13 QGOV (13 74 68)<br><a href="http://www.des.qld.gov.au">www.des.qld.gov.au</a>                                                                             |
| <ul style="list-style-type: none"> <li>• Protected plants and protected areas</li> </ul>                                                                                      | <i>Nature Conservation Act 1992</i>                                                                                                  | Department of Environment and Science<br>(Queensland Government)                                                                             | Ph: 1300 130 372 (option 4)<br><a href="mailto:palm@des.qld.gov.au">palm@des.qld.gov.au</a><br><a href="http://www.des.qld.gov.au">www.des.qld.gov.au</a>        |
| <ul style="list-style-type: none"> <li>• Koala mapping and regulations</li> </ul>                                                                                             | <i>Nature Conservation Act 1992</i>                                                                                                  | Department of Environment and Science<br>(Queensland Government)                                                                             | Ph: 13 QGOV (13 74 68)<br><a href="mailto:Koala.assessment@des.qld.gov.au">Koala.assessment@des.qld.gov.au</a>                                                   |
| <ul style="list-style-type: none"> <li>• Interference with fish passage in a watercourse, mangroves</li> <li>• Forestry activities on State land tenures</li> </ul>           | <i>Fisheries Act 1994</i><br><i>Forestry Act 1959</i>                                                                                | Department of Agriculture and Fisheries<br>(Queensland Government)                                                                           | Ph: 13 QGOV (13 74 68)<br><a href="http://www.daf.qld.gov.au">www.daf.qld.gov.au</a>                                                                             |
| <ul style="list-style-type: none"> <li>• Matters of National Environmental Significance including listed threatened species and ecological communities</li> </ul>             | <i>Environment Protection and Biodiversity Conservation Act 1999</i>                                                                 | Department of Agriculture, Water and the Environment<br>(Australian Government)                                                              | Ph: 1800 803 772<br><a href="http://www.environment.gov.au">www.environment.gov.au</a>                                                                           |
| <ul style="list-style-type: none"> <li>• Development and planning processes</li> </ul>                                                                                        | <i>Planning Act 2016</i><br><i>State Development and Public Works Organisation Act 1971</i>                                          | Department of State Development, Infrastructure, Local Government and Planning<br>(Queensland Government)                                    | Ph: 13 QGOV (13 74 68)<br><a href="http://www.dsdmip.qld.gov.au">www.dsdmip.qld.gov.au</a>                                                                       |
| <ul style="list-style-type: none"> <li>• Local government requirements</li> </ul>                                                                                             | <i>Local Government Act 2009</i><br><i>Planning Act 2016</i>                                                                         | Department of State Development, Infrastructure, Local Government and Planning<br>(Queensland Government)                                    | Ph: 13 QGOV (13 74 68)<br>Your relevant local government office                                                                                                  |
| <ul style="list-style-type: none"> <li>• Harvesting timber in the Wet Tropics of Qld World Heritage area</li> </ul>                                                           | <i>Wet Tropics World Heritage Protection and Management Act 1993</i>                                                                 | Wet Tropics Management Authority                                                                                                             | Ph: (07) 4241 0500<br><a href="http://www.wettropics.gov.au">www.wettropics.gov.au</a>                                                                           |

## **APPENDIX E – WILDNET DATABASE SPECIES LIST**



# Queensland Government

## WildNet species list

Search Criteria: Species List for a Specified Point

Species: All

Type: Native

Queensland status: All

Records: All

Date: All

Latitude: -27.7957

Longitude: 151.653

Distance: 5

Email: matt.norton@agdsa.com.au

Date submitted: Wednesday 28 Feb 2024 15:55:22

Date extracted: Wednesday 28 Feb 2024 16:00:03

The number of records retrieved = 98

### **Disclaimer**

Information presented on this product is distributed by the Queensland Government as an information source only. While every care is taken to ensure the accuracy of this data, the State of Queensland makes no statements, representations or warranties about the accuracy, reliability, completeness or suitability of any information contained in this product.

The State of Queensland disclaims all responsibility for information contained in this product and all liability (including liability in negligence) for all expenses, losses, damages and costs you may incur as a result of the information being inaccurate or incomplete in any way for any reason.

Information about your Species lists request is logged for quality assurance, user support and product enhancement purposes only.

The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage (<https://www.qld.gov.au/environment/plants-animals/species-information/wildnet>) to find out more about WildNet and where to access other WildNet information products approved for publication. Feedback about WildNet species lists should be emailed to [wildlife.online@des.qld.gov.au](mailto:wildlife.online@des.qld.gov.au).

| Kingdom | Class      | Family            | Scientific Name                   | Common Name                | I | Q | A | Records |
|---------|------------|-------------------|-----------------------------------|----------------------------|---|---|---|---------|
| animals | amphibians | Hylidae           | <i>Litoria latopalmata</i>        | broad palmed rocketfrog    |   | C |   | 3       |
| animals | amphibians | Hylidae           | <i>Litoria peronii</i>            | emerald spotted treefrog   |   | C |   | 2       |
| animals | amphibians | Hylidae           | <i>Litoria rubella</i>            | ruddy treefrog             |   | C |   | 2       |
| animals | amphibians | Limnodynastidae   | <i>Limnodynastes tasmaniensis</i> | spotted grassfrog          |   | C |   | 3       |
| animals | amphibians | Myobatrachidae    | <i>Crinia signifera</i>           | clicking froglet           |   | C |   | 2       |
| animals | birds      | Acanthizidae      | <i>Acanthiza chrysorrhoa</i>      | yellow-rumped thornbill    |   | C |   | 1       |
| animals | birds      | Acanthizidae      | <i>Gerygone olivacea</i>          | white-throated gerygone    |   | C |   | 1       |
| animals | birds      | Acanthizidae      | <i>Smicronis brevirostris</i>     | weebill                    |   | C |   | 1       |
| animals | birds      | Accipitridae      | <i>Aquila audax</i>               | wedge-tailed eagle         |   | C |   | 1       |
| animals | birds      | Anatidae          | <i>Anas gracilis</i>              | grey teal                  |   | C |   | 1       |
| animals | birds      | Anatidae          | <i>Anas superciliosa</i>          | Pacific black duck         |   | C |   | 2       |
| animals | birds      | Ardeidae          | <i>Ardea pacifica</i>             | white-necked heron         |   | C |   | 1       |
| animals | birds      | Ardeidae          | <i>Egretta novaehollandiae</i>    | white-faced heron          |   | C |   | 2       |
| animals | birds      | Artamidae         | <i>Cracticus nigrogularis</i>     | pied butcherbird           |   | C |   | 3       |
| animals | birds      | Artamidae         | <i>Cracticus torquatus</i>        | grey butcherbird           |   | C |   | 1       |
| animals | birds      | Artamidae         | <i>Gymnorhina tibicen</i>         | Australian magpie          |   | C |   | 5       |
| animals | birds      | Cacatuidae        | <i>Cacatua galerita</i>           | sulphur-crested cockatoo   |   | C |   | 3       |
| animals | birds      | Cacatuidae        | <i>Cacatua sanguinea</i>          | little corella             |   | C |   | 1       |
| animals | birds      | Cacatuidae        | <i>Eolophus roseicapilla</i>      | galah                      |   | C |   | 2       |
| animals | birds      | Cacatuidae        | <i>Nymphicus hollandicus</i>      | cockatiel                  |   | C |   | 4       |
| animals | birds      | Campephagidae     | <i>Coracina novaehollandiae</i>   | black-faced cuckoo-shrike  |   | C |   | 1       |
| animals | birds      | Climacteridae     | <i>Cormobates leucophaea</i>      | white-throated treecreeper |   | C |   | 1       |
| animals | birds      | Columbidae        | <i>Geopelia humeralis</i>         | bar-shouldered dove        |   | C |   | 1       |
| animals | birds      | Columbidae        | <i>Ocyphaps lophotes</i>          | crested pigeon             |   | C |   | 4       |
| animals | birds      | Corcoracidae      | <i>Corcorax melanorhamphos</i>    | white-winged chough        |   | C |   | 1       |
| animals | birds      | Corcoracidae      | <i>Struthidea cinerea</i>         | apostlebird                |   | C |   | 1       |
| animals | birds      | Corvidae          | <i>Corvus orru</i>                | Torresian crow             |   | C |   | 6       |
| animals | birds      | Dicaeidae         | <i>Dicaeum hirundinaceum</i>      | mistletoebird              |   | C |   | 1       |
| animals | birds      | Estrildidae       | <i>Taeniopygia bichenovii</i>     | double-barred finch        |   | C |   | 2       |
| animals | birds      | Estrildidae       | <i>Taeniopygia guttata</i>        | zebra finch                |   | C |   | 1       |
| animals | birds      | Falconidae        | <i>Falco cenchroides</i>          | nankeen kestrel            |   | C |   | 3       |
| animals | birds      | Maluridae         | <i>Malurus cyaneus</i>            | superb fairy-wren          |   | C |   | 3       |
| animals | birds      | Meliphagidae      | <i>Anthochaera carunculata</i>    | red wattlebird             |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Entomyzon cyanotis</i>         | blue-faced honeyeater      |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Gavicalis virescens</i>        | singing honeyeater         |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Lichmera indistincta</i>       | brown honeyeater           |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Manorina flavigula</i>         | yellow-throated miner      |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Manorina melanocephala</i>     | noisy miner                |   | C |   | 5       |
| animals | birds      | Meliphagidae      | <i>Myzomela sanguinolenta</i>     | scarlet honeyeater         |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Philemon corniculatus</i>      | noisy friarbird            |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Plectorhyncha lanceolata</i>   | striped honeyeater         |   | C |   | 1       |
| animals | birds      | Meliphagidae      | <i>Ptilotula fusca</i>            | fuscous honeyeater         |   | C |   | 1       |
| animals | birds      | Monarchidae       | <i>Grallina cyanoleuca</i>        | magpie-lark                |   | C |   | 4       |
| animals | birds      | Pachycephalidae   | <i>Pachycephala rufiventris</i>   | rufous whistler            |   | C |   | 1       |
| animals | birds      | Phalacrocoracidae | <i>Microcarbo melanoleucos</i>    | little pied cormorant      |   | C |   | 1       |
| animals | birds      | Podargidae        | <i>Podargus strigoides</i>        | tawny frogmouth            |   | C |   | 1       |

| Kingdom | Class          | Family            | Scientific Name                                        | Common Name              | I | Q  | A | Records |
|---------|----------------|-------------------|--------------------------------------------------------|--------------------------|---|----|---|---------|
| animals | birds          | Podicipedidae     | <i>Poliocephalus poliocephalus</i>                     | hoary-headed grebe       |   | C  |   | 1       |
| animals | birds          | Psittaculidae     | <i>Alisterus scapularis</i>                            | Australian king-parrot   |   | C  |   | 1       |
| animals | birds          | Psittaculidae     | <i>Aprosmictus erythropterus</i>                       | red-winged parrot        |   | C  |   | 1       |
| animals | birds          | Psittaculidae     | <i>Glossopsitta concinna</i>                           | musk lorikeet            |   | C  |   | 1       |
| animals | birds          | Psittaculidae     | <i>Parvipsitta pusilla</i>                             | little lorikeet          |   | C  |   | 1       |
| animals | birds          | Psittaculidae     | <i>Platycercus adscitus</i>                            | pale-headed rosella      |   | C  |   | 1       |
| animals | birds          | Psittaculidae     | <i>Psephotus haematonotus</i>                          | red-rumped parrot        |   | C  |   | 3       |
| animals | birds          | Rhipiduridae      | <i>Rhipidura leucophrys</i>                            | willie wagtail           |   | C  |   | 4       |
| animals | birds          | Threskiornithidae | <i>Threskiornis molucca</i>                            | Australian white ibis    |   | C  |   | 1       |
| animals | mammals        | Phascolarctidae   | <i>Phascolarctos cinereus</i>                          | koala                    |   | E  | E | 3       |
| animals | reptiles       | Agamidae          | <i>Pogona barbata</i>                                  | bearded dragon           |   | C  |   | 1       |
| animals | reptiles       | Varanidae         | <i>Varanus varius</i>                                  | lace monitor             |   | C  |   | 1       |
| animals | uncertain      | Indeterminate     | <i>Indeterminate</i>                                   | Unknown or Code Pending  |   |    |   | 1       |
| fungi   | Agaricomycetes | Phanerochaetaceae | <i>Porostereum spadiceum</i>                           |                          |   | C  |   | 2/2     |
| fungi   | Agaricomycetes | Polyporaceae      | <i>Trametes</i>                                        |                          |   |    |   | 2/2     |
| fungi   | Dacrymycetes   | Dacrymycetaceae   | <i>Calocera</i>                                        |                          |   |    |   | 2/2     |
| plants  | land plants    | Acanthaceae       | <i>Rostellularia adscendens</i> var. <i>adscendens</i> |                          |   | C  |   | 1/1     |
| plants  | land plants    | Asteraceae        | <i>Brachyscome dalbyensis</i>                          |                          |   | C  |   | 1/1     |
| plants  | land plants    | Asteraceae        | <i>Calotis lappulacea</i>                              | yellow burr daisy        |   | C  |   | 1/1     |
| plants  | land plants    | Asteraceae        | <i>Cassinia laevis</i> subsp. <i>rosmarinifolia</i>    |                          |   | C  |   | 1/1     |
| plants  | land plants    | Asteraceae        | <i>Chrysocephalum apiculatum</i>                       | yellow buttons           |   | C  |   | 1/1     |
| plants  | land plants    | Asteraceae        | <i>Leuzea australis</i>                                |                          |   | V  | V | 4/1     |
| plants  | land plants    | Asteraceae        | <i>Picris evae</i>                                     |                          |   | V  | V | 2/1     |
| plants  | land plants    | Asteraceae        | <i>Vittadinia pustulata</i>                            |                          |   | C  |   | 1/1     |
| plants  | land plants    | Campanulaceae     | <i>Wahlenbergia gracilis</i>                           | spreading bluebell       |   | SL |   | 1/1     |
| plants  | land plants    | Celastraceae      | <i>Denhamia bilocularis</i>                            |                          |   | C  |   | 1/1     |
| plants  | land plants    | Cyperaceae        | <i>Carex breviculmis</i>                               |                          |   | C  |   | 1/1     |
| plants  | land plants    | Cyperaceae        | <i>Cyperus clarus</i>                                  |                          |   | V  |   | 1/1     |
| plants  | land plants    | Cyperaceae        | <i>Cyperus fulvus</i>                                  |                          |   | C  |   | 1/1     |
| plants  | land plants    | Cyperaceae        | <i>Scleria mackaviensis</i>                            |                          |   | C  |   | 1/1     |
| plants  | land plants    | Euphorbiaceae     | <i>Adriana tomentosa</i> var. <i>tomentosa</i>         |                          |   | C  |   | 2/2     |
| plants  | land plants    | Lamiaceae         | <i>Teucrium daucoides</i>                              |                          |   | C  |   | 1/1     |
| plants  | land plants    | Leguminosae       | <i>Glycine tabacina</i>                                | glycine pea              |   | C  |   | 1/1     |
| plants  | land plants    | Leguminosae       | <i>Senna barclayana</i>                                |                          |   | C  |   | 1/1     |
| plants  | land plants    | Leguminosae       | <i>Vigna suberecta</i>                                 |                          |   | C  |   | 1/1     |
| plants  | land plants    | Ophioglossaceae   | <i>Ophioglossum reticulatum</i>                        |                          |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Anthosachne scabra</i>                              |                          |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Bothriochloa biloba</i>                             |                          |   | C  |   | 2/2     |
| plants  | land plants    | Poaceae           | <i>Chloris truncata</i>                                |                          |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Cymbopogon refractus</i>                            | barbed-wire grass        |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Digitaria brownii</i>                               |                          |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Digitaria divaricatissima</i>                       | spreading umbrella grass |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Eragrostis leptostachya</i>                         |                          |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Eriochloa crebra</i>                                | spring grass             |   | C  |   | 1/1     |
| plants  | land plants    | Poaceae           | <i>Homopholis belsonii</i>                             | Belson's panic           |   | E  | V | 1/1     |
| plants  | land plants    | Poaceae           | <i>Panicum buncei</i>                                  |                          |   | C  |   | 1/1     |

| Kingdom | Class       | Family           | Scientific Name                                     | Common Name  | I | Q | A | Records |
|---------|-------------|------------------|-----------------------------------------------------|--------------|---|---|---|---------|
| plants  | land plants | Poaceae          | <i>Rytidosperma racemosum</i> var. <i>racemosum</i> |              |   | C |   | 1/1     |
| plants  | land plants | Ranunculaceae    | <i>Clematis microphylla</i>                         |              |   | C |   | 1/1     |
| plants  | land plants | Rutaceae         | <i>Boronia glabra</i>                               |              |   | C |   | 1/1     |
| plants  | land plants | Rutaceae         | <i>Geijera parviflora</i>                           | wilga        |   | C |   | 1/1     |
| plants  | land plants | Scrophulariaceae | <i>Eremophila debilis</i>                           | winter apple |   | C |   | 1/1     |
| plants  | land plants | Solanaceae       | <i>Solanum amblymerum</i>                           |              |   | C |   | 1/1     |

#### CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992*.

The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*.

The values of EPBC are Extinct (EX), Extinct in the Wild (XW), Critically Endangered (CE), Endangered (E), Vulnerable (V) and Conservation Dependent (CD).

Records - The first number indicates the total number of records of the taxon (wildlife records and species listings for selected areas).

This number is output as 99999 if it equals or exceeds this value. A second number located after a / indicates the number of specimen records for the taxon.

This number is output as 999 if it equals or exceeds this value.

## **APPENDIX F – PROTECTED MATTERS SEARCH TOOL (MNES)**



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: 28-Feb-2024

[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](#).

|                                                              |      |
|--------------------------------------------------------------|------|
| <a href="#">World Heritage Properties:</a>                   | None |
| <a href="#">National Heritage Places:</a>                    | None |
| <a href="#">Wetlands of International Importance (Ramsar</a> | 4    |
| <a href="#">Great Barrier Reef Marine Park:</a>              | None |
| <a href="#">Commonwealth Marine Area:</a>                    | None |
| <a href="#">Listed Threatened Ecological Communities:</a>    | 6    |
| <a href="#">Listed Threatened Species:</a>                   | 44   |
| <a href="#">Listed Migratory Species:</a>                    | 12   |

## 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.

|                                                                     |      |
|---------------------------------------------------------------------|------|
| <a href="#">Commonwealth Lands:</a>                                 | None |
| <a href="#">Commonwealth Heritage Places:</a>                       | None |
| <a href="#">Listed Marine Species:</a>                              | 19   |
| <a href="#">Whales and Other Cetaceans:</a>                         | None |
| <a href="#">Critical Habitats:</a>                                  | None |
| <a href="#">Commonwealth Reserves Terrestrial:</a>                  | None |
| <a href="#">Australian Marine Parks:</a>                            | None |
| <a href="#">Habitat Critical to the Survival of Marine Turtles:</a> | None |

## Extra Information

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

|                                                         |      |
|---------------------------------------------------------|------|
| <a href="#">State and Territory Reserves:</a>           | None |
| <a href="#">Regional Forest Agreements:</a>             | None |
| <a href="#">Nationally Important Wetlands:</a>          | None |
| <a href="#">EPBC Act Referrals:</a>                     | 5    |
| <a href="#">Key Ecological Features (Marine):</a>       | None |
| <a href="#">Biologically Important Areas:</a>           | None |
| <a href="#">Bioregional Assessments:</a>                | 1    |
| <a href="#">Geological and Bioregional Assessments:</a> | None |

# Details

## Matters of National Environmental Significance

| Wetlands of International Importance (Ramsar Wetlands)                |                                         | [ Resource Information ] |
|-----------------------------------------------------------------------|-----------------------------------------|--------------------------|
| Ramsar Site Name                                                      | Proximity                               | Buffer Status            |
| <a href="#">Banrock station wetland complex</a>                       | 1200 - 1300km upstream from Ramsar site | In feature area          |
| <a href="#">Narran lake nature reserve</a>                            | 400 - 500km upstream from Ramsar site   | In feature area          |
| <a href="#">Riverland</a>                                             | 1200 - 1300km upstream from Ramsar site | In feature area          |
| <a href="#">The coorong, and lakes alexandrina and albert wetland</a> | 1400 - 1500km upstream from 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       |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------|---------------------|
| <a href="#">Brigalow (Acacia harpophylla dominant and co-dominant)</a>                                                             | Endangered            | Community known to occur within area  | In buffer area only |
| <a href="#">Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions</a>               | Endangered            | Community may occur within area       | In feature area     |
| <a href="#">Natural grasslands on basalt and fine-textured alluvial plains of northern New South Wales and southern Queensland</a> | Critically Endangered | Community likely to occur within area | In feature area     |
| <a href="#">Poplar Box Grassy Woodland on Alluvial Plains</a>                                                                      | Endangered            | Community likely to occur within area | In feature area     |
| <a href="#">Weeping Myall Woodlands</a>                                                                                            | Endangered            | Community may occur within area       | In feature area     |
| <a href="#">White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland</a>                                | 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                                                                                           |                       |                                                              |                 |
| <a href="#">Anthochaera phrygia</a><br>Regent Honeyeater [82338]                               | Critically Endangered | Foraging, feeding or related behaviour may occur within area | In feature area |
| <a href="#">Aphelocephala leucopsis</a><br>Southern Whiteface [529]                            | Vulnerable            | Species or species habitat likely to occur within area       | In feature area |
| <a href="#">Calidris acuminata</a><br>Sharp-tailed Sandpiper [874]                             | Vulnerable            | Species or species habitat may occur within area             | In feature area |
| <a href="#">Calidris ferruginea</a><br>Curlew Sandpiper [856]                                  | Critically Endangered | Species or species habitat may occur within area             | In feature area |
| <a href="#">Calyptorhynchus lathami lathami</a><br>South-eastern Glossy Black-Cockatoo [67036] | Vulnerable            | Species or species habitat likely to occur within area       | In feature area |
| <a href="#">Climacteris picumnus victoriae</a><br>Brown Treecreeper (south-eastern) [67062]    | Vulnerable            | Species or species habitat may occur within area             | In feature area |
| <a href="#">Erythroriorchis radiatus</a><br>Red Goshawk [942]                                  | Endangered            | Species or species habitat may occur within area             | In feature area |
| <a href="#">Falco hypoleucos</a><br>Grey Falcon [929]                                          | Vulnerable            | Species or species habitat likely to occur within area       | In feature area |
| <a href="#">Gallinago hardwickii</a><br>Latham's Snipe, Japanese Snipe [863]                   | Vulnerable            | Species or species habitat likely to occur within area       | In feature area |
| <a href="#">Geophaps scripta scripta</a><br>Squatter Pigeon (southern) [64440]                 | Vulnerable            | Species or species habitat likely to occur within area       | In feature area |

| Scientific Name                                                                                                                                                        | Threatened Category   | Presence Text                                          | Buffer Status       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|---------------------|
| <a href="#">Grantiella picta</a><br>Painted Honeyeater [470]                                                                                                           | Vulnerable            | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Hirundapus caudacutus</a><br>White-throated Needletail [682]                                                                                               | Vulnerable            | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Lathamus discolor</a><br>Swift Parrot [744]                                                                                                                | Critically Endangered | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Neophema chrysostoma</a><br>Blue-winged Parrot [726]                                                                                                       | Vulnerable            | Species or species habitat may occur within area       | In buffer area only |
| <a href="#">Rostratula australis</a><br>Australian Painted Snipe [77037]                                                                                               | Endangered            | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Stagonopleura guttata</a><br>Diamond Firetail [59398]                                                                                                      | Vulnerable            | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Turnix melanogaster</a><br>Black-breasted Button-quail [923]                                                                                               | Vulnerable            | Species or species habitat may occur within area       | In feature area     |
| FISH                                                                                                                                                                   |                       |                                                        |                     |
| <a href="#">Maccullochella peelii</a><br>Murray Cod [66633]                                                                                                            | Vulnerable            | Species or species habitat may occur within area       | In buffer area only |
| MAMMAL                                                                                                                                                                 |                       |                                                        |                     |
| <a href="#">Chalinolobus dwyeri</a><br>Large-eared Pied Bat, Large Pied Bat [183]                                                                                      | Endangered            | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Dasyurus hallucatus</a><br>Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]                                          | Endangered            | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Dasyurus maculatus maculatus (SE mainland population)</a><br>Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184] | Endangered            | Species or species habitat may occur within area       | In feature area     |

| Scientific Name                                                                                                                                                                                   | Threatened Category | Presence Text                                                      | Buffer Status       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------|---------------------|
| <a href="#">Nyctophilus corbeni</a><br>Corben's Long-eared Bat, South-eastern Long-eared Bat [83395]                                                                                              | Vulnerable          | Species or species habitat may occur within area                   | In feature area     |
| <a href="#">Petauroides volans</a><br>Greater Glider (southern and central) [254]                                                                                                                 | Endangered          | Species or species habitat likely to occur within area             | In buffer area only |
| <a href="#">Petaurus australis australis</a><br>Yellow-bellied Glider (south-eastern) [87600]                                                                                                     | Vulnerable          | Species or species habitat may occur within area                   | In feature area     |
| <a href="#">Petrogale penicillata</a><br>Brush-tailed Rock-wallaby [225]                                                                                                                          | Vulnerable          | Species or species habitat may occur within area                   | In feature area     |
| <a href="#">Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)</a><br>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     |
| <a href="#">Pteropus poliocephalus</a><br>Grey-headed Flying-fox [186]                                                                                                                            | Vulnerable          | Foraging, feeding or related behaviour likely to occur within area | In feature area     |
| PLANT                                                                                                                                                                                             |                     |                                                                    |                     |
| <a href="#">Arthraxon hispidus</a><br>Hairy-joint Grass [9338]                                                                                                                                    | Vulnerable          | Species or species habitat may occur within area                   | In feature area     |
| <a href="#">Cadellia pentastylis</a><br>Ooline [9828]                                                                                                                                             | Vulnerable          | Species or species habitat may occur within area                   | In feature area     |
| <a href="#">Clematis fawcettii</a><br>Stream Clematis [4311]                                                                                                                                      | Vulnerable          | Species or species habitat may occur within area                   | In buffer area only |
| <a href="#">Dichanthium queenslandicum</a><br>King Blue-grass [5481]                                                                                                                              | Endangered          | Species or species habitat likely to occur within area             | In feature area     |
| <a href="#">Dichanthium setosum</a><br>bluegrass [14159]                                                                                                                                          | Vulnerable          | Species or species habitat likely to occur within area             | In feature area     |

| Scientific Name                                                                              | Threatened Category | Presence Text                                          | Buffer Status       |
|----------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------|---------------------|
| <a href="#">Homopholis belsonii</a><br>Belson's Panic [2406]                                 | Vulnerable          | Species or species habitat may occur within area       | In buffer area only |
| <a href="#">Lepidium monoplacoides</a><br>Winged Pepper-cress [9190]                         | Endangered          | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Picris evae</a><br>Hawkweed [10839]                                              | Vulnerable          | Species or species habitat known to occur within area  | In feature area     |
| <a href="#">Rhaponticum australe</a><br>Austral Cornflower, Native Thistle [22647]           | Vulnerable          | Species or species habitat known to occur within area  | In feature area     |
| <a href="#">Thesium australe</a><br>Austral Toadflax, Toadflax [15202]                       | Vulnerable          | Species or species habitat likely to occur within area | In feature area     |
| REPTILE                                                                                      |                     |                                                        |                     |
| <a href="#">Anomalopus mackayi</a><br>Five-clawed Worm-skink, Long-legged Worm-skink [25934] | Vulnerable          | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Delma torquata</a><br>Adorned Delma, Collared Delma [1656]                       | Vulnerable          | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Egernia rugosa</a><br>Yakka Skink [1420]                                         | Vulnerable          | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Furina dunmalli</a><br>Dunmall's Snake [59254]                                   | Vulnerable          | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Hemiaspis damelii</a><br>Grey Snake [1179]                                       | Endangered          | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Tymanocryptis condaminensis</a><br>Condamine Earless Dragon [87888]              | Endangered          | Species or species habitat may occur within area       | In buffer area only |
| SNAIL                                                                                        |                     |                                                        |                     |

| Scientific Name                                                                | Threatened Category | Presence Text                                          | Buffer Status       |
|--------------------------------------------------------------------------------|---------------------|--------------------------------------------------------|---------------------|
| <a href="#">Adclarkia cameroni</a><br>Brigalow Woodland Snail [83886]          | Endangered          | Species or species habitat may occur within area       | In buffer area only |
| Listed Migratory Species [ Resource Information ]                              |                     |                                                        |                     |
| Scientific Name                                                                | Threatened Category | Presence Text                                          | Buffer Status       |
| Migratory Marine Birds                                                         |                     |                                                        |                     |
| <a href="#">Apus pacificus</a><br>Fork-tailed Swift [678]                      |                     | Species or species habitat likely to occur within area | In feature area     |
| Migratory Terrestrial Species                                                  |                     |                                                        |                     |
| <a href="#">Cuculus optatus</a><br>Oriental Cuckoo, Horsfield's Cuckoo [86651] |                     | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Hirundapus caudacutus</a><br>White-throated Needletail [682]       | Vulnerable          | Species or species habitat likely to occur within area | In feature area     |
| <a href="#">Monarcha melanopsis</a><br>Black-faced Monarch [609]               |                     | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Motacilla flava</a><br>Yellow Wagtail [644]                        |                     | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Myiagra cyanoleuca</a><br>Satin Flycatcher [612]                   |                     | Species or species habitat known to occur within area  | In feature area     |
| <a href="#">Rhipidura rufifrons</a><br>Rufous Fantail [592]                    |                     | Species or species habitat likely to occur within area | In feature area     |
| Migratory Wetlands Species                                                     |                     |                                                        |                     |
| <a href="#">Actitis hypoleucos</a><br>Common Sandpiper [59309]                 |                     | Species or species habitat may occur within area       | In feature area     |
| <a href="#">Calidris acuminata</a><br>Sharp-tailed Sandpiper [874]             | Vulnerable          | Species or species habitat may occur within area       | In feature area     |

| Scientific Name                                                              | Threatened Category   | Presence Text                                          | Buffer Status   |
|------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|-----------------|
| <a href="#">Calidris ferruginea</a><br>Curlew Sandpiper [856]                | Critically Endangered | Species or species habitat may occur within area       | In feature area |
| <a href="#">Calidris melanotos</a><br>Pectoral Sandpiper [858]               |                       | Species or species habitat may occur within area       | In feature area |
| <a href="#">Gallinago hardwickii</a><br>Latham's Snipe, Japanese Snipe [863] | Vulnerable            | Species or species habitat likely to occur within area | In feature area |

### Other Matters Protected by the EPBC Act

| Listed Marine Species                                               | [ <a href="#">Resource Information</a> ] |                                                                            |                 |
|---------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------|-----------------|
| Scientific Name                                                     | Threatened Category                      | Presence Text                                                              | Buffer Status   |
| Bird                                                                |                                          |                                                                            |                 |
| <a href="#">Actitis hypoleucos</a><br>Common Sandpiper [59309]      |                                          | Species or species habitat may occur within area                           | In feature area |
| <a href="#">Apus pacificus</a><br>Fork-tailed Swift [678]           |                                          | Species or species habitat likely to occur within area overfly marine area | In feature area |
| <a href="#">Bubulcus ibis as Ardea ibis</a><br>Cattle Egret [66521] |                                          | Species or species habitat may occur within area overfly marine area       | In feature area |
| <a href="#">Calidris acuminata</a><br>Sharp-tailed Sandpiper [874]  | Vulnerable                               | Species or species habitat may occur within area                           | In feature area |
| <a href="#">Calidris ferruginea</a><br>Curlew Sandpiper [856]       | Critically Endangered                    | Species or species habitat may occur within area overfly marine area       | In feature area |
| <a href="#">Calidris melanotos</a><br>Pectoral Sandpiper [858]      |                                          | Species or species habitat may occur within area overfly marine area       | In feature area |

| Scientific Name                                                                           | Threatened Category   | Presence Text                                                              | Buffer Status   |
|-------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------|-----------------|
| <a href="#">Chalcites osculans as Chrysococcyx osculans</a><br>Black-eared Cuckoo [83425] |                       | Species or species habitat likely to occur within area overfly marine area | In feature area |
| <a href="#">Gallinago hardwickii</a><br>Latham's Snipe, Japanese Snipe [863]              | Vulnerable            | Species or species habitat likely to occur within area overfly marine area | In feature area |
| <a href="#">Haliaeetus leucogaster</a><br>White-bellied Sea-Eagle [943]                   |                       | Species or species habitat likely to occur within area                     | In feature area |
| <a href="#">Hirundapus caudacutus</a><br>White-throated Needletail [682]                  | Vulnerable            | Species or species habitat likely to occur within area overfly marine area | In feature area |
| <a href="#">Lathamus discolor</a><br>Swift Parrot [744]                                   | Critically Endangered | Species or species habitat may occur within area overfly marine area       | In feature area |
| <a href="#">Merops ornatus</a><br>Rainbow Bee-eater [670]                                 |                       | Species or species habitat may occur within area overfly marine area       | In feature area |
| <a href="#">Monarcha melanopsis</a><br>Black-faced Monarch [609]                          |                       | Species or species habitat may occur within area overfly marine area       | In feature area |
| <a href="#">Motacilla flava</a><br>Yellow Wagtail [644]                                   |                       | Species or species habitat may occur within area overfly marine area       | In feature area |
| <a href="#">Myiagra cyanoleuca</a><br>Satin Flycatcher [612]                              |                       | Species or species habitat known to occur within area overfly marine area  | In feature area |

| Scientific Name                                                                                                  | Threatened Category | Presence Text                                                              | Buffer Status       |
|------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|---------------------|
| <a href="#">Neophema chrysostoma</a><br>Blue-winged Parrot [726]                                                 | Vulnerable          | Species or species habitat may occur within area overfly marine area       | In buffer area only |
| <a href="#">Pterodroma cervicalis</a><br>White-necked Petrel [59642]                                             |                     | Species or species habitat may occur within area                           | In feature area     |
| <a href="#">Rhipidura rufifrons</a><br>Rufous Fantail [592]                                                      |                     | Species or species habitat likely to occur within area overfly marine area | In feature area     |
| <a href="#">Rostratula australis as Rostratula benghalensis (sensu lato)</a><br>Australian Painted Snipe [77037] | Endangered          | Species or species habitat likely to occur within area overfly marine area | In feature area     |

### Extra Information

| EPBC Act Referrals                                                                                           |           |                                           |                             | [ <a href="#">Resource Information</a> ] |
|--------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------|-----------------------------|------------------------------------------|
| Title of referral                                                                                            | Reference | Referral Outcome                          | Assessment Status           | Buffer Status                            |
| Controlled action                                                                                            |           |                                           |                             |                                          |
| <a href="#">ARG Border Rail Project Moree to Toowoomba QLD</a>                                               | 2013/7061 | Controlled Action                         | Further Information Request | In buffer area only                      |
| Not controlled action                                                                                        |           |                                           |                             |                                          |
| <a href="#">Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia</a> | 2015/7522 | Not Controlled Action                     | Completed                   | In feature area                          |
| <a href="#">Inland Rail Border to Gowrie Geotechnical Investigations</a>                                     | 2021/8911 | Not Controlled Action                     | Completed                   | In buffer area only                      |
| <a href="#">Upgraded sewerage infrastructure in the Helensvale/Coomabah catchment</a>                        | 2004/1427 | Not Controlled Action                     | Completed                   | In buffer area only                      |
| Not controlled action (particular manner)                                                                    |           |                                           |                             |                                          |
| <a href="#">Millmerran - Middle Ridge transmission line</a>                                                  | 2003/1103 | Not Controlled Action (Particular Manner) | Post-Approval               | In feature area                          |

| Bioregional Assessments   |                            |                            |                 |
|---------------------------|----------------------------|----------------------------|-----------------|
| SubRegion                 | BioRegion                  | Website                    | Buffer Status   |
| Maranoa-Balonne-Condamine | Northern Inland Catchments | <a href="#">BA website</a> | In feature area |

# 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 are 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

## 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

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

## 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
- 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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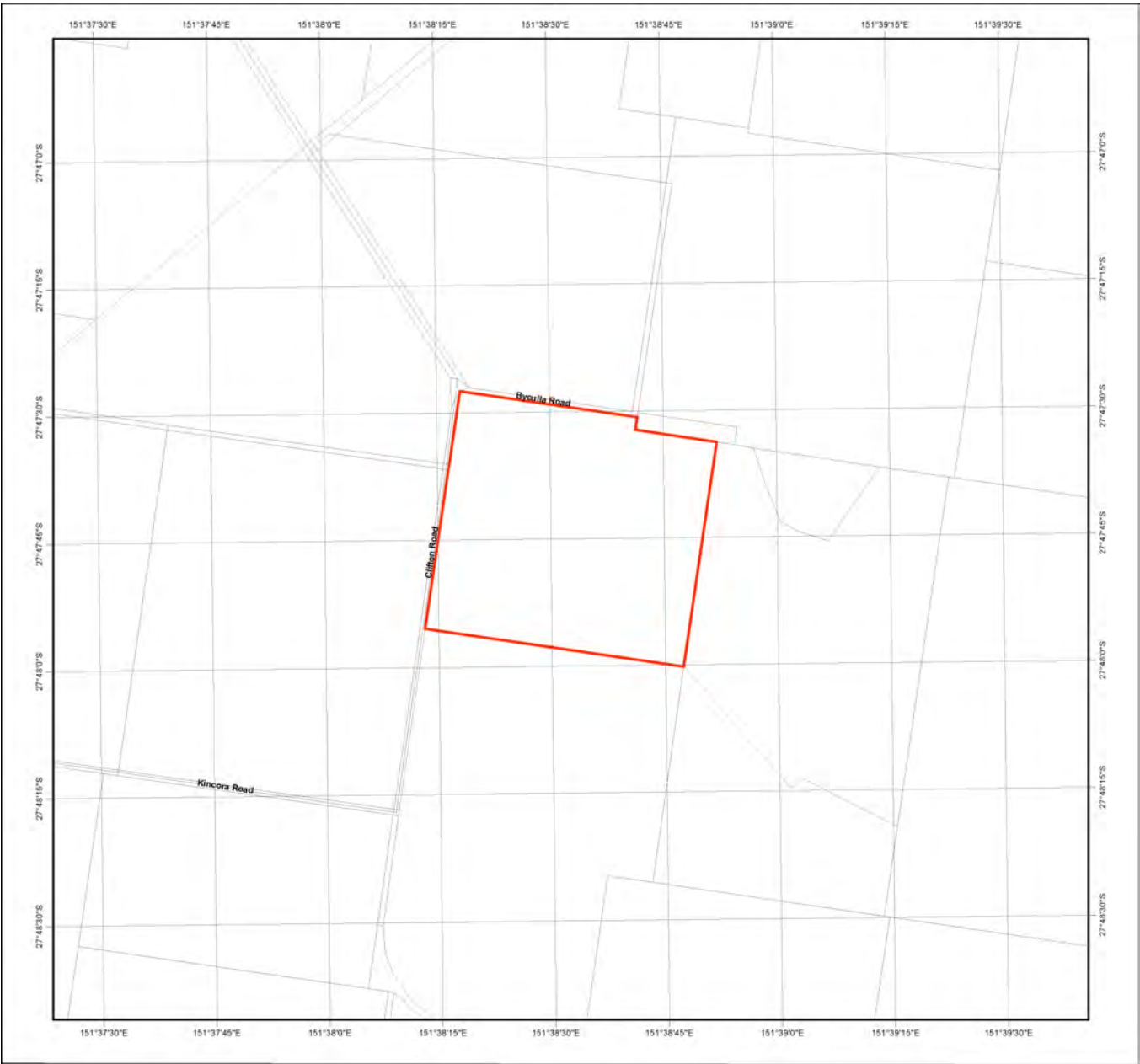
Department of Climate Change, Energy, the Environment and Water

GPO Box 3090

Canberra ACT 2601 Australia

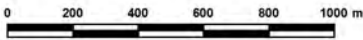
+61 2 6274 1111

## **APPENDIX G – WETLANDS MAP**



Map of Great Barrier Reef  
Wetland Protection Areas

- Selected Lot and Plan
- Cadastral Boundary
- Wetland in a wetland protection area
- Great Barrier Reef wetland protection area



Note:  
This map shows the location of wetland protection areas which are defined under the Environmental Protection Regulation 2008. Within wetland protection areas, certain types of development involving high impact earthworks are made assessable under Schedule 3 of the Sustainable Planning Regulation 2009.

The Department of State Development, Manufacturing, Infrastructure and Planning is the State Assessment Referral Agency (SARA) under Schedule 7 of the Sustainable Planning Regulation 2009 for assessable development involving high impact earthworks within wetland protection areas. The Department of Environment and Science is a technical agency.

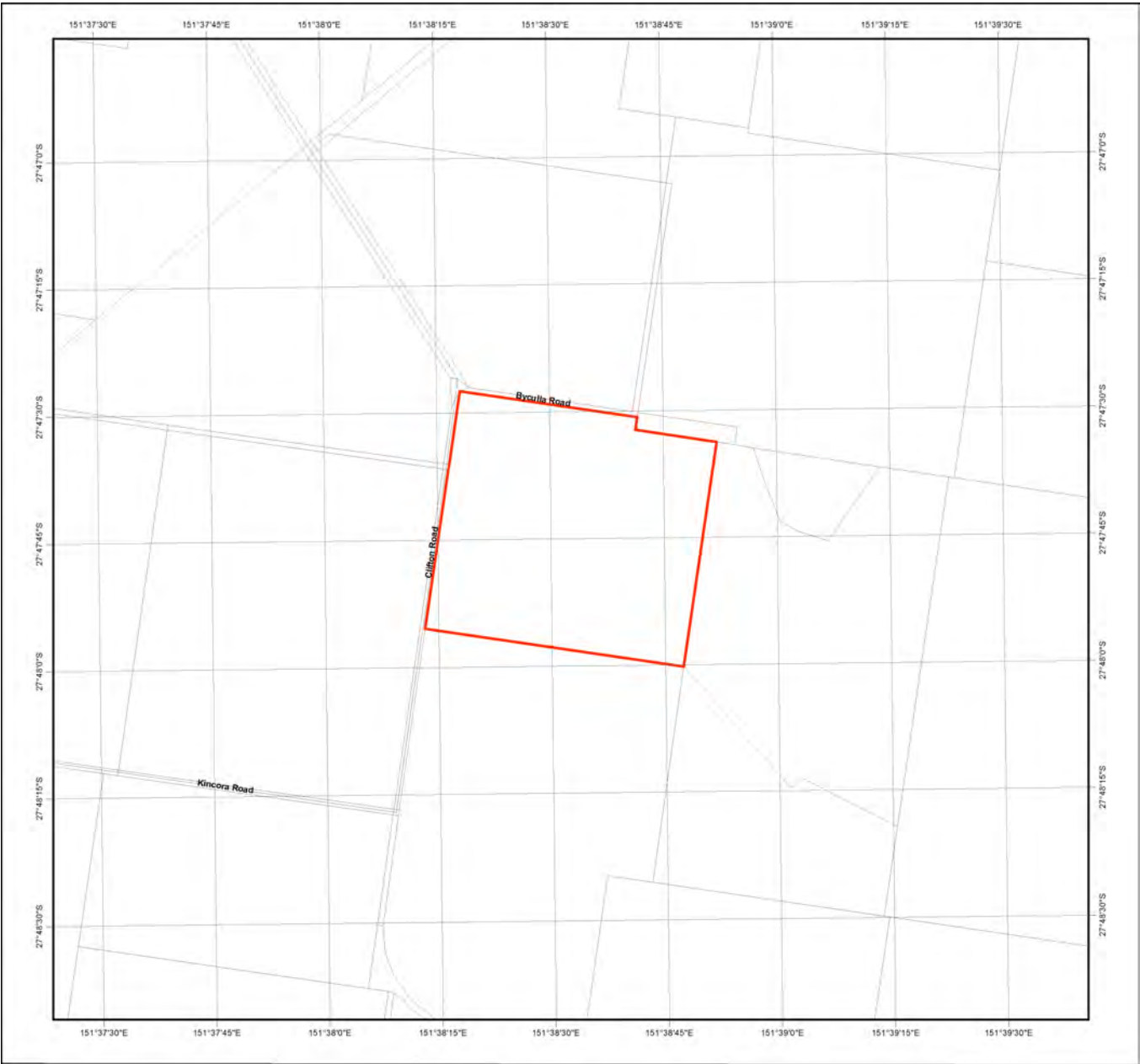
The policy outcome and assessment criteria for assessing these applications are described in the State Development Assessment Provisions (SDAP) State Code 9 : Great Barrier Reef Wetland Protection Areas.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of Environment and Science, email [planning.support@des.qld.gov.au](mailto:planning.support@des.qld.gov.au).

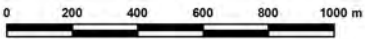
This product is projected into GDA 1994 MGA Zone 56

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Map of Queensland Wetland Environmental Values

- Selected Lot and Plan
- Cadastral Boundary
- High ecological values waters management intent
- Wetlands assessed under section 7
- GBR wetland of high ecological significance
- Wetland of high ecological significance
- Wetland of general ecological significance



**Note:**  
This map shows the location of wetlands on the Map of Queensland Wetland Environmental Values under the Environmental Protection (Wetland and Water Biodiversity) Policy 2019. The map also shows high ecological value waters management intent under Schedule 2 of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019.

Wetlands are assessed for ecological significance using the environmental values for wetlands in section 7 of the Environmental Protection (Wetland and Water Biodiversity) Policy 2019. Wetlands are considered either High Ecological Significance (HES) or of General Ecological Significance (GES) for the purposes of the environmental values.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of Environment and Science, email [planning.support@des.qld.gov.au](mailto:planning.support@des.qld.gov.au).

This product is projected into GDA 1994 MGA Zone 56

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## **APPENDIX H – STATE PLANNING POLICY MAPPING**



# Legend

Drawn Polygon Layer

Override 1

Cadastre (25k)



Cadastre (25k)

Important agricultural areas



Important agricultural areas

Stock route network



Stock route network

Agricultural land classification - class A and B



Agricultural land classification - class A and B



Queensland Government

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## State Planning Policy

Making or amending a local planning instrument  
and designating land for community infrastructure

Date: 28/02/2024

Disclaimer:  
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## Legend

### Drawn Polygon Layer

- Override 1
- Cadastre (25k)

Cadastre (25k)
- MSES - Wildlife habitat (sea turtle nesting areas)

MSES - Wildlife habitat (sea turtle nesting areas)
- MSES - Regulated vegetation (intersecting a watercourse)

MSES - Regulated vegetation (intersecting a watercourse)
- MSES - High ecological value waters (watercourse)

MSES - High ecological value waters (watercourse)
- MSES - Wildlife habitat (endangered or vulnerable)

MSES - Wildlife habitat (endangered or vulnerable)
- MSES - Wildlife habitat (special least concern animal)

MSES - Wildlife habitat (special least concern animal)
- MSES - Wildlife habitat (koala habitat areas - core)

MSES - Wildlife habitat (koala habitat areas - core)
- MSES - Wildlife habitat (koala habitat areas - locally refined)

MSES - Wildlife habitat (koala habitat areas - locally refined)
- MSES - Strategic environmental areas (designated precinct)

MSES - Strategic environmental areas (designated precinct)
- MSES - High ecological significance wetlands

MSES - High ecological significance wetlands
- MSES - High ecological value waters (wetland)

MSES - High ecological value waters (wetland)
- MSES - Legally secured offset area (offset register)

MSES - Legally secured offset area (offset register)
- MSES - Legally secured offset area (regulated vegetation offsets)

MSES - Legally secured offset area (regulated vegetation offsets)
- MSES - Protected areas (estate)

MSES - Protected areas (estate)
- MSES - Protected areas (special wildlife reserve)

MSES - Protected areas (special wildlife reserve)
- MSES - Protected areas (nature refuge)

MSES - Protected areas (nature refuge)
- MSES - Marine park (highly protected areas)

MSES - Marine park (highly protected areas)
- MSES - Declared fish habitat area

MSES - Declared fish habitat area
- MSES - Regulated vegetation (category B)

MSES - Regulated vegetation (category B)

### MSES - Regulated vegetation (category C)

- MSES - Regulated vegetation (category C)

### MSES - Regulated vegetation (category R)

- MSES - Regulated vegetation (category R)

### MSES - Regulated vegetation (essential habitat)

- MSES - Regulated vegetation (essential habitat)

### MSES - Regulated vegetation (wetland)

- MSES - Regulated vegetation (wetland)



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## State Planning Policy

Making or amending a local planning instrument  
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# Legend

## Drawn Polygon Layer

Override 1

## Cadastre (25k)



Cadastre (25k)

## Erosion prone area



Erosion prone area

## High storm tide inundation area



High storm tide inundation area

## Medium storm tide inundation area



Medium storm tide inundation area

## Flood hazard area - Level 1 - Queensland floodplain assessment overlay



Flood hazard area - Level 1 - Queensland floodplain assessment overlay

## Flood hazard area - local government flood mapping area



Flood hazard area - local government flood mapping area

## Bushfire prone area



Very High Potential Bushfire Intensity



High Potential Bushfire Intensity



Medium Potential Bushfire Intensity



Potential Impact Buffer



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## **APPENDIX I – COMPLAINT REPORT FORM**

# Complaint Report Form

## Mclean Farms

21 January 2026

This Complaint Report Form has been prepared to ensure all complaints received by Mclean Farms staff are recorded, investigated, reported to the relevant authority and feedback provided to the complainant. Where multiple complaints are received in successive days the details of these complaints should be summarised into a single report.

|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Complaint Received                             | Time:<br><br>Date:<br><br>Source (e.g. phone or email): |
| Source of complaint (complainant or regulator) |                                                         |
| Complainant name                               |                                                         |
| Complainant address                            |                                                         |
| Distance and direction                         |                                                         |
| Complainant contact details                    | Phone:<br><br>Email:                                    |

|                                |                    |
|--------------------------------|--------------------|
| Type of complaint (e.g. odour) |                    |
| Time and date of impact        | Date:<br><br>Time: |
| Description of the issue       |                    |

|                                                  |  |
|--------------------------------------------------|--|
| Weather conditions (e.g. sunny, overcast, windy) |  |
|--------------------------------------------------|--|

|                    |  |
|--------------------|--|
| Wind direction     |  |
| Average wind speed |  |

☐ Weather report from WeatherMation Live for the complaint period has been downloaded

|                                                      |  |
|------------------------------------------------------|--|
| Summary of operations during complaint period        |  |
| Summary of operations undertaken on day of complaint |  |
| Summary of operations undertaken on the previous day |  |
| Details of unexpected operations or incidents        |  |

☐ Daily Operations Report for the day of the complaint and previous business day is attached.

☐ A subjective odour assessment was undertaken within three days of the complaint being received (if possible). The subjective odour assessment should be done by a member of staff who has not been present at a poultry or composting site within the previous 24 hours (e.g. admin or management staff). Appendix D has been completed. The odour assessment will be undertaken on public roads between the facility and the complainant.

Note: If complaints are received on successive days, a subjective odour assessment should be done within a week of the first complaint or weekly when complaints are ongoing.

|                              |  |
|------------------------------|--|
| Potential corrective actions |  |
| Action taken                 |  |

|                    |  |         |  |
|--------------------|--|---------|--|
| Form completed by: |  | Signed: |  |
| Authorised:        |  | Signed: |  |

|                  |  |
|------------------|--|
| Additional notes |  |
|------------------|--|

Once completed, this report is to be submitted to the relevant regulatory authority and, if possible, provided to the complainant. A copy of each individual report must be filed electronically in a central location.

