

# Bunbury Outer Ring Road

## Northern and Central Section

EPBC 2019 / 8471

Annual Compliance Report (2023 - 2024)

**Main Roads WA**

Revision 0

21-May-24



# Document control record

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Document control						
Report title		EPBC 2019 / 8471 BORR (Northern and Central Section) Annual Compliance Report (2023-24)				
Client		Main Roads WA				
Rev	Date	Revision details/status	Author	Reviewer	Verifier (if required)	Approver
A	01-Feb-24	SWGA Draft	D.P.	A.G.		A.M.
B	11-Mar-24	SWGA Draft	D.P.	A.G. & E.R.		A.M.
C	06-May-24	Main Roads Review	E.R.	T.C. & P.W.		M.S.
0	21-May-24	Issued for Publication	E.R.	T.C.		M.S.
Current revision		0				

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# 1 Executive Summary

This Annual Compliance Report addresses the compliance of the Bunbury Outer Ring Road (BORR) Northern and Central Section Project (the Action) with conditions set out in Approval EPBC 2019 / 8471.

Condition 19 of EPBC 2019 / 8471 require annual compliance assessment reports to be published.

This Annual Compliance Report covers a 12-month audit period from 24 February 2023 to 23 February 2024. This is the third Annual Compliance Report to be produced under EPBC 2019 / 8471.

This ACR demonstrates that the Action has been compliant with the conditions and requirements of Approval EPBC 2019 / 8471, and associated subsidiary management plans, during the reporting period.



## 2 Coversheet and Declaration of Accuracy

**EPBC number:** 2019/8471

**Project name:** Bunbury Outer Ring Road Northern and Central Sections

**Report title:** Bunbury Outer Ring Road Northern and Central Sections (EPBC 2019/8471) Annual Compliance Report, May 2024

**Proponent /approval holder and ACN or ABN:** Main Roads Western Australia (ABN 50860676021)

**Proposed/approved action:** Construction and operation of the Northern and Central sections of the Bunbury Outer Ring Road (BORR) Project

**Location of the action:** Forrest Highway to South Western Highway, within the City of Bunbury and Shires of Capel, Dardanup and Harvey

**Date of preparation of the report:** February - April 2024

**Person accepting responsibility for the annual compliance report:** Martine Scheltema, Director Environment and Heritage, Main Roads Western Australia

### Declaration of accuracy

I declare that to the best of my knowledge, all the information contained in, or accompanying this document is complete, current, and correct. I am duly authorised to sign this declaration on behalf of the proponent/approval holder. I am aware that:

a) giving false or misleading information is a serious offence under section 137. 1 of the *Criminal Code Act 1995* (Cth)

b) section 137.2 of the *Criminal Code Act 1995* (Cth) makes it an offence for a person to produce a document to another person in compliance or purported compliance with a law of the Commonwealth where the person knows that the document is false or misleading;

c) section 490 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) makes it an offence for an approval holder to provide information in response to an approval condition where the person is reckless as to whether the information is false or misleading; and

d) section 491 of the EPBC Act makes it an offence for a person to provide information or documents to specified persons who are known by the person to be performing a duty or carrying out a function under the EPBC Act or the Environment Protection and Biodiversity Conservation Regulations 2000 (Cth) (EPBC Regulations) where the person knows the information or document is false or misleading.

Signed: Martine Scheltema

Full name: Martine Scheltema, Director Environment and Heritage

Organisation: Main Roads Western Australia (ABN 50 860 676 021)

Date 21 / 05 / 2024

## 3 Introduction

### 3.1 Background

The BORR (Northern and Central Sections) includes 19 kilometres (km) of dual carriageway connecting the Forrest Highway at Kingston, to the South-Western Highway, south of Centenary Road in the Shire of Capel (Figure 1a).

The Proposal is located approximately 200 km south of Perth and, at its closest point, about 6 kilometres south-east of Bunbury. The Proposal will include grade separated interchanges, local road extensions and connections, bridges, drainage structures, noise walls, fauna crossings, and other road infrastructure. The location and physical extent are described in Table 1. Main Roads awarded a contract to South West Gateway Alliance (SWGA) to design and construct the Project. Construction commenced on 24 February 2021.

**Table 1. Location and authorised extent of physical and operational elements.**

Element	Location
Freeway standard dual carriageway, grade separated interchanges, local road extensions and connections, bridges, drainage structures, noise walls, fauna crossings, and other road infrastructure including fencing, landscaping, principal shared path.	Located within the development envelope as indicated in Figure 1.

### 3.2 Commonwealth Assessment

A proposed action that may have a significant impact on a Matter of National Environmental Significance (MNES) requires approval from the Commonwealth under the *Environment Protection and Biodiversity Conservation Act, 1999* (EPBC Act).

The Proposal was referred to then Department of the Environment and Energy (DoEE) on 25 June 2019 (EPBC Act referral 2019/8471) as a potential Controlled Action under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) due to potential impacts on Matters of Nation Environmental Significance (MNES), primarily listed threatened species and communities:

- Western Ringtail Possum (*Pseudocheirus occidentalis*) (WRP) (Critically endangered)
- Carnaby's Cockatoo (*Calyptorhynchus latirostris*) (Endangered)
- Baudin's Cockatoo (*Calyptorhynchus baudinii*) (Endangered)
- Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*) (Vulnerable)
- Black-stripe Minnow (*Galaxiella nigrostriata*) (BSM) (Endangered)
- Carter's Freshwater Mussel (*Westralunio carteri*) (CFM) (Vulnerable)
- Banksia Woodlands of the Swan Coastal Plain ecological community (Banksia Woodlands TEC) (Endangered)
- Clay Pans of the Swan Coastal Plain (Clay Pans TEC) (Critically Endangered)
- *Corymbia calophylla* - *Xanthorrhoea preissii* woodlands and shrublands of the Swan Coastal Plain (Corymbia Woodlands TEC) (Endangered).

The DoEE provided advice on 18 October 2019 that the Proposal was considered a Controlled Action and that it would be assessed by Preliminary Documentation (DoEE, 2019).

Referral and Documentation for the Proposal was available for public comment from 28 May 2020 to 28 June 2020 inclusive.

A decision under sections 130(1) and 133 of the EPBC Act (C'th) to approve the BORR (Northern and Central Section) (EPBC 2019/8471) was issued on 21 of December 2020.

### 3.3 Amendment to Proposal under Section 143(1)(c) of the *Environmental Protection and Biodiversity Conservation Act 1999*.

A variation to the BORR (Northern and Central Sections) EPBC 2019/8471 Condition 1 was approved by the Department of Climate Change, Energy, the Environment and Water (DCCEEW) on 25 August 2023.

The variation to Condition 1 reduced the number of hectares approved to be cleared for Action (Table 2) and the associated approval boundary for the Action Figure 1b).

**Table 2. Variation of EPBC 2019/8471 Condition 1 (clearing area).**

Condition 1 – Initial Approval	Condition 1 – Variation to Approval
a. 37.8 ha of habitat for Black Cockatoos, including no more than 710 trees with a diameter at breast height of greater than 500 mm and no more than a total of three suitable nest hollows;	b. <b>36.8</b> ha of habitat for Black Cockatoos, including no more than 710 trees with a diameter at breast height of greater than 500 mm and no more than a total of three suitable nest hollows;
a. 43.9 ha of habitat for the Western Ringtail Possum ( <i>Pseudocheirus occidentalis</i> );	c. <b>41.3</b> ha of habitat for the Western Ringtail Possum ( <i>Pseudocheirus occidentalis</i> );
d. 0.55 ha of habitat for the Black-stripe Minnow ( <i>Galaxiella nigrostriata</i> );	c. <b>0.49</b> ha of habitat for the Black-stripe Minnow ( <i>Galaxiella nigrostriata</i> );
d. 3.7 ha of Banksia Woodland of the Swan Coastal Plain Threatened Ecological Community;	d. 3.7 ha of Banksia Woodland of the Swan Coastal Plain Threatened Ecological Community;
e. 0.63 ha of Clay Pans of the Swan Coastal Plain Threatened Ecological Community; and	e. <b>0.44</b> ha of Clay Pans of the Swan Coastal Plain Threatened Ecological Community; and
f. 1.3 ha of <i>Corymbia calophylla</i> — <i>Xanthorrhoea preissii</i> Woodlands and Shrublands of the Swan Coastal Plain Threatened Ecological Community.	f. 1.3 ha of <i>Corymbia calophylla</i> — <i>Xanthorrhoea preissii</i> Woodlands and Shrublands of the Swan Coastal Plain Threatened Ecological Community.

\* Note: The amended clearing areas are highlighted in red font.

### 3.4 Purpose and scope

This Annual Compliance Report addresses the compliance of the Bunbury Outer Ring Road (BORR) Northern and Central Section Project (the Action) with conditions set out in Approval EPBC 2019 / 8471.

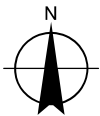
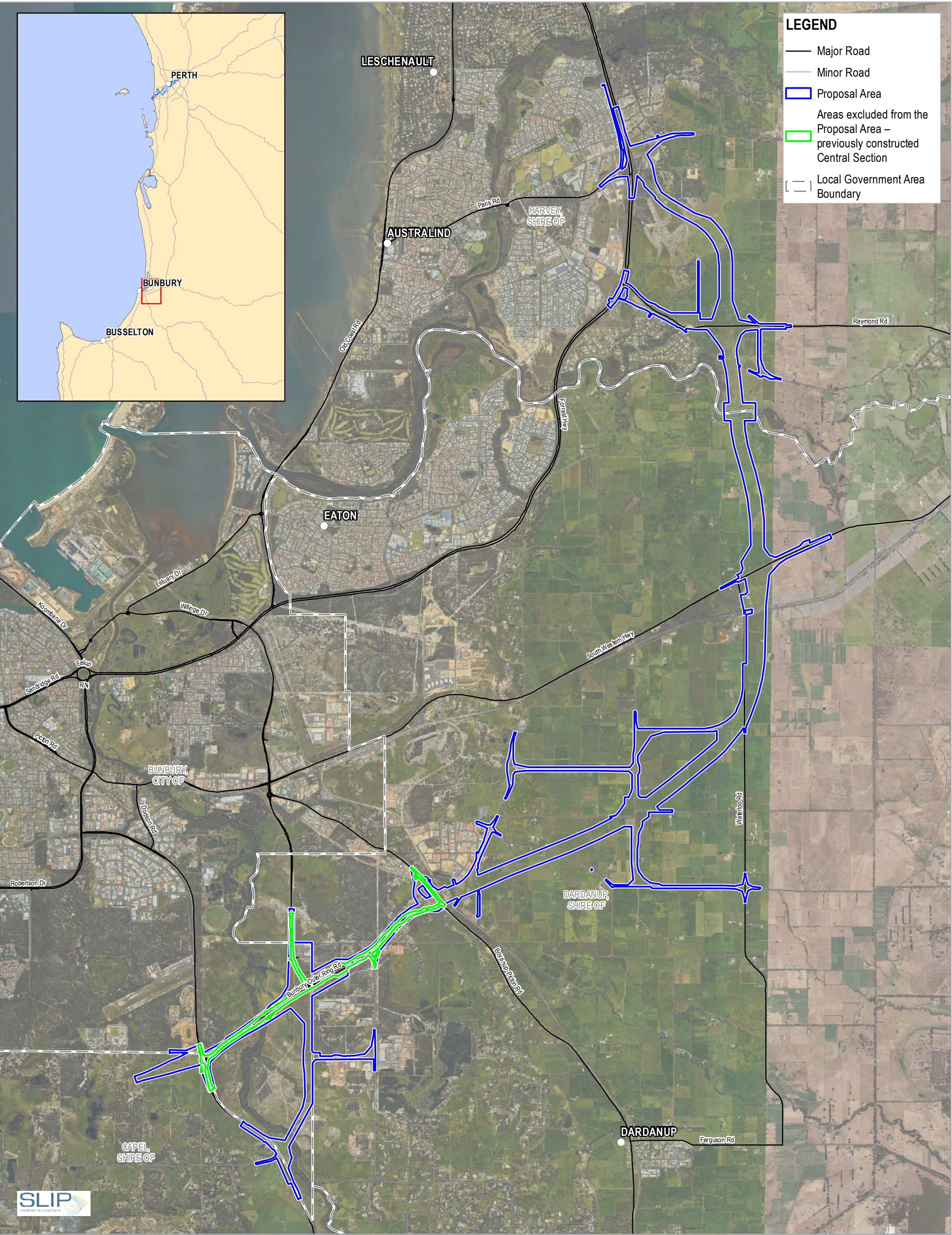
Condition 19 of EPBC 2019 / 8471 requires annual compliance assessment reports to be published.

This Annual Compliance Report has been produced in compliance with EPBC 2019 / 8471 and endorsed by a delegate for the Commissioner for Main Roads.

The Annual Compliance Report covers the 12-month audit period from 24 February 2023 to 23 February 2024. This is the third Annual Compliance Report to be reported under EPBC 2019 / 8471.

**Figure 1a.      Location of Proposal, Bunbury, Western Australia.**







**Figure 1b. Amended Proposal (s143 amendment).**



Figure 1b. Proposal area inclusive of s143 amendments.



## 4 Summary of the Proposals Implementation Status

### 4.1 Works during the reporting period

During the 12-month audit period of 24 February 2023 to 23 February 2024, clearing extents of key environmental aspects are summarised in Table 3 and shown in Figures 2-6. Clearing of key environmental aspects as identified in EPBC 2019 / 8471 are within the associated specified limits (Table 3).

**Table 3. Clearing extents within BORR (Northern and Central Section) during the reporting period.**

Environmental Aspect	Area / quantity specified in EPBC 2019 / 8471	Area / quantity cleared during the previous 2021-22 reporting period	Area / quantity cleared during the previous 2022-23 reporting period	Area / quantity cleared during the current 2023-24 reporting period	Total area / quantity cleared (up to end of reporting period)
Black cockatoo habitat	36.80 ha	7.61 ha	5.42 ha	4.14 ha	17.17 ha
	no more than 710 trees with a diameter at breast height of > 500 mm	95 trees	97 trees	125 trees	317 trees
	no more than three suitable nest hollows	0 trees	0 trees	1 tree	1 tree
Western Ringtail Possum ( <i>Pseudocheirus occidentalis</i> ) habitat	41.30 ha	9.70 ha	6.82 ha	4.47 ha	20.99 ha
Black-stripe Minnow ( <i>Galaxiella nigrostriata</i> ) habitat	0.49 ha	0 ha	0 ha	0.34 ha	0.34 ha
Threatened Ecological Community - Banksia Woodland of the Swan Coastal Plain	3.70 ha	0.54 ha	1.25 ha	1.14 ha	2.93 ha
Threatened Ecological Community - Clay Pans of the Swan Coastal Plain (Herb rich shrublands on clay pans (FCT08)	0.44 ha	0 ha	0.10 ha	0.13 ha	0.23 ha
Threatened Ecological Community - <i>Corymbia Callophylla</i> – <i>Xanthorrhoea preissii</i> woodlands and shrublands of the Swan Coastal Plain' (FCT3c).	1.30 ha	0.24 ha	0.24 ha	0.07 ha	0.55 ha

## 5 Compliance Reporting

### 5.1 Reporting Requirement

This Annual Compliance Report has been prepared to assess compliance of the Action with the conditions set out in Approval EPBC 2019 / 8471.

The Annual Compliance Report specifically addresses Condition 19 of EPBC 2019 / 8471, which states:

#### EPBC 2019 / 8471: Condition 19

19. *The approval holder must prepare a compliance report for each 12 month period following the date of commencement of the action, or otherwise in accordance with an annual date that has been agreed to in writing by the Minister. The approval holder must include requirements (a) to (e) in Condition 19.*
- a. publish each compliance report on the website within 60 business days following the relevant 12 month period;*
- b. notify the Department by email that a compliance report has been published on the website and provide the weblink for the compliance report within five business days of the date of publication. This notification must include documentary evidence of the date of publication of the report;*
- c. keep all compliance reports publicly available on the website until this approval expires;*
- d. exclude or redact sensitive ecological data from compliance reports published on the website; and*
- e. where any sensitive ecological data has been excluded from the version published, submit the full compliance report to the Department within 5 business days of publication.*

This Annual Compliance Report (ACR) has been produced in compliance with EPBC 2019 / 8471 and endorsed by a delegate for the Commissioner for Main Roads.

### 5.2 Reporting Period

This is the third Annual Compliance Report and addresses compliance for the period of 24 February 2023 to 23 February 2024.

### 5.3 Subsidiary plans

Conditions of EPBC 2019 / 8471 require the implementation of two primary subsidiary plans:

- Black Cockatoo Action Management Plan.
- Conservation Significant Fauna Action Management Plan.

For each plan, this ACR reports on compliance with:

- The relevant condition of EPBC 2019 / 8471.
- The requirements of the plan itself.

## 5.4 Compliance Report Outline

The content of the ACR is presented in Table 4. The table includes reference to sections in the ACR that correspond to the required content.

This ACR includes:

- Coversheet and declaration of accuracy endorsed by the proponent's delegate (Section 1).
- EPBC 2019 / 8471 Audit Table (Appendix A).
- Subsidiary Management Plan Audit Tables (Appendices B, C).

**Table 4. Outline of the Annual Compliance Report.**

Heading	Description	Section
Coversheet and declaration of accuracy	Coversheet and declaration of accuracy endorsed by the proponent's delegate.	Section 1
Introduction	Outline of the Action.	Sections 2,3
Summary of the Actions implementation status	Summary of the current implementation status of the Action within the reporting period.	Section 4
EPBC 2019 / 8471 audit table	EPBC 2019 / 8471 Audit Table.	Appendix A
BC AMP audit table	Black Cockatoo Action Management Plan Audit Table.	Appendix B
CSF AMP audit table	Conservation Significant Fauna Action Management Plan Audit Table.	Appendix C

## 6 Compliance Assessment

### 6.1 Assessment Approach

Determination of the status and evidence of compliance was completed by SWGA, external specialist consultants and Main Roads.

The Action has been subject to routine internal and external inspections and audits during the reporting period to review compliance against EPBC 2019 / 8471 conditions of approval, including:

- Daily internal site inspections by SWGA environmental and construction personnel.
- Routine internal audits by SWGA and Main Roads WA.
- Independent external site inspection / audits (Preston Consulting).
- Regulatory site inspections to review compliance by the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW); and State Department of Water and Environmental Regulation (DWER) and Department of Biodiversity, Conservation and Attractions (DBCA).

### 6.2 Assessment Criteria and Compliance with Conditions

Assessment criteria were based on the EPBC 2019 / 8471 conditions of approval.

Compliance of the Action with the conditions of EPBC 2019 / 8471 has been assessed and reported using the Audit Table in Appendix A.

The audit table presents all the approval conditions and the performance of the Action in relation to these conditions during the reporting period. The audit table contains each condition separated into audit elements for auditing purposes (i.e. the audit criteria) and includes the following headings:

- EPBC 2019 / 8471 Condition reference number.
- Condition: Wording of the relevant implementation condition, procedure or commitment.
- Status: Demonstration of compliance.
- Further Information: Additional details and supporting information to verify compliance status.

### 6.3 Subsidiary Plans

Conditions of EPBC 2019 / 8471 required submission and implementation of two subsidiary plans (Table 5)

Compliance with the requirement to implement specific Management Plans required in accordance with Conditions of EPBC 2019 / 8471 has been assessed and reported using the Audit Tables in Appendices B and C.

- BORR North and Central (EPBC 2019/8471) Black Cockatoo - Action Management Plan (BORR-01-RP-EN-0019) – required to be implemented in accordance with condition 3 of EPBC 2019/8471.
- BORR North and Central (EPBC 2019/8471) Conservation Significant Fauna - Action Management Plan (BORR-01-RP-EN-0021) – required to be implemented in accordance with condition 4 of EPBC 2019/8471.

**Table 5. Subsidiary plans to be implemented in accordance with EPBC 2019 / 8471 conditions.**

Condition	Plan	Appendix
3	<p><b>Black Cockatoo - Action Management Plan (BC AMP)</b></p> <p>This Plan sets out the environmental management actions to manage, monitor and mitigate the direct and potential indirect impacts of the Proposal on the following listed fauna taxa listed as 'Threatened' MNES:</p> <ul style="list-style-type: none"> <li>• Carnaby's Cockatoo <i>Calyptorhynchus latirostris</i> (listed as 'Endangered')</li> <li>• Baudin's Cockatoo <i>Calyptorhynchus baudinii</i> (listed as 'Endangered')</li> <li>• Forest Red-tailed Black Cockatoo <i>Calyptorhynchus banksii naso</i> (listed as 'Vulnerable').</li> </ul>	B
4	<p><b>Conservation Significant Fauna - Action Management Plan (CSF AMP)</b></p> <p>This Plan sets out the environmental management actions to manage, monitor and mitigate the direct and potential indirect impacts of the Proposal on the following fauna taxa listed as 'Threatened' MNES:</p> <ul style="list-style-type: none"> <li>• Western Ringtail Possum (<i>Pseudocheirus occidentalis</i>) (WRP) (Critically endangered)</li> <li>• Carter's Freshwater Mussel (<i>Westralunio carteri</i>) (CFM) (Vulnerable)</li> <li>• Black-stripe Minnow (<i>Galaxiella nigrostriata</i>) (BSM) (Endangered)</li> <li>• Also included in this plan is the State-listed South-western Brush-tailed Phascogale (<i>Phascogale tapoatafa</i>) (BTP) (listed as Conservation Dependent (Schedule 6) under the Western Australian <i>Biodiversity Conservation Act 2016</i>).</li> </ul>	C

## 6.4 Retention of Compliance Statements

All Annual Compliance Reports will be retained by Main Roads in accordance with relevant record keeping legislation including the:

- *State Records Act, 2000.*
- *Evidence Act, 1906.*
- *Electronic Transactions Act, 2011.*
- *Freedom of Information Act, 1992.*

Main Roads will retain Annual Compliance Reports (including all associated compliance assessments) and evidence used to verify compliance for the life of the proposal and then for a minimum of seven years after the end of the life of the proposal. Main Roads will continue to implement the proposal until all conditions of EPBC 2019 / 8471 have been satisfactorily met.

Annual Compliance Reports will be retained on Main Roads' Electronic Document and Records Management System that Main Roads is required to maintain and operate in accordance with its obligations under the *State Records Act, 2000*.

## 6.5 Public Availability of Compliance Reports

Annual Compliance Reports are made publicly available by publishing them on the Main Roads Western Australia website.

## 7 Summary of Compliance

### 7.1 Compliance with EPBC 2019 / 8471

This report addresses compliance of the Action during the third annual reporting period of 24 February 2023 to 23 February 2024.

The Action was compliant with the requirements of EPBC 2019 / 8471 during the reporting period, as documented in the EPBC 2019 / 8471 – Audit Table (Appendix A)

### 7.2 Compliance with Subsidiary Plans

#### 7.2.1 Black Cockatoo - Action Management Plan (BC AMP)

The Action was compliant with the BC AMP, required to be implemented in accordance with Condition 3 of EPBC 2019 / 8471, as documented in the BC AMP – Audit Table (Appendix B).

#### 7.2.2 Conservation Significant Fauna - Action Management Plan (CSF AMP)

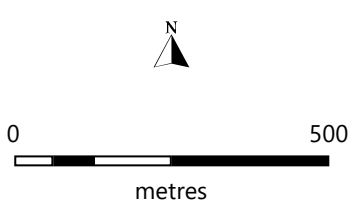
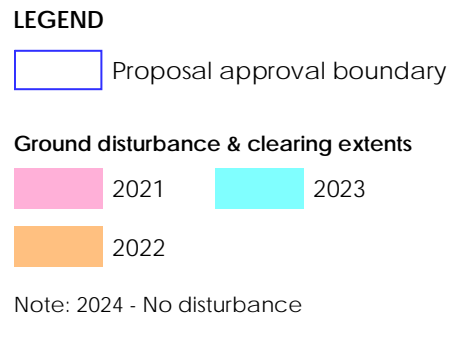
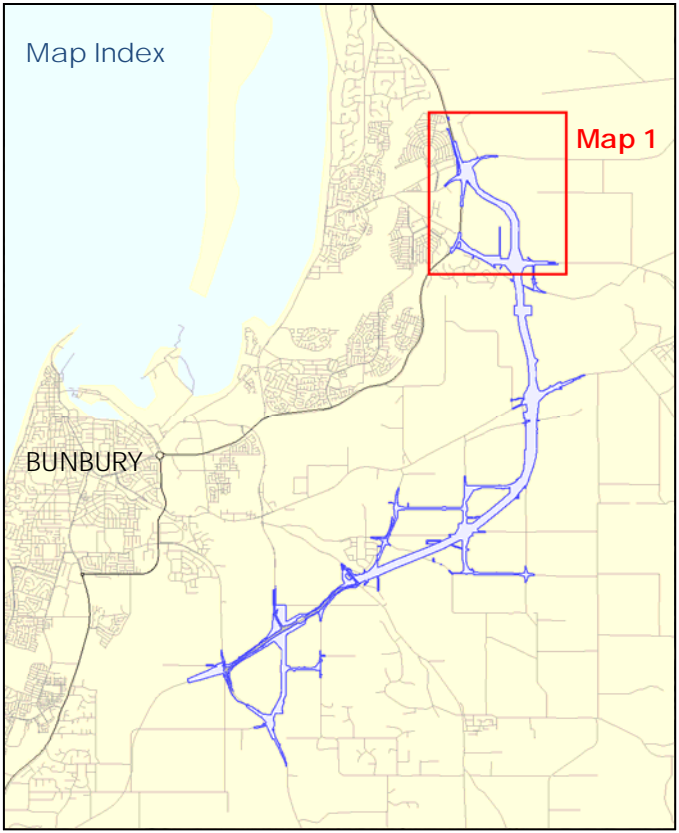
The Action was compliant with the CSF AMP, required to be implemented in accordance with Condition 4 of EPBC 2019 / 8471, as documented in the CSF AMP - Audit Table (Appendix C).

## 8 Figures

Figure	Title
Figure 1a	EPBC 2019 / 8471 – Proposal Location Overview.
Figure 1b	EPBC 2019 / 8471 – Updated Proposal (s143 amendment).
Figure 2	Ground disturbance and clearing extents.
Figure 3	Clearing of Western ringtail possum habitat and South-western brush-tailed phascogale habitat during the previous and current reporting period.
Figure 4	Clearing of Black cockatoo habitat and trees with a diameter at breast height of > 50 cm during the during the previous and current reporting period.
Figure 5	Clearing of Black stripe minnow habitat during the current reporting period.
Figure 6	Clearing of Threatened (TEC) Ecological Communities (Banksia woodlands of the Swan Coastal Plain TEC; Herb rich shrublands on clay pans TEC (FCT08); <i>Corymbia Callophylla</i> – <i>Xanthorrhoea preissii</i> woodlands and shrublands of the Swan Coastal Plan TEC (FCT3c)), during the previous and current reporting period.

**Figure 2. Ground disturbance and clearing extents.**

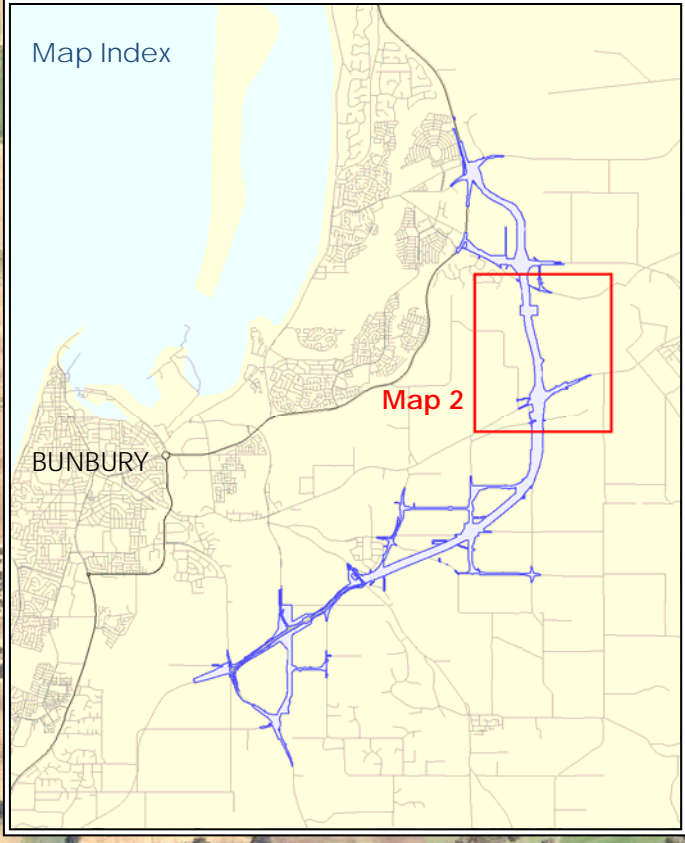
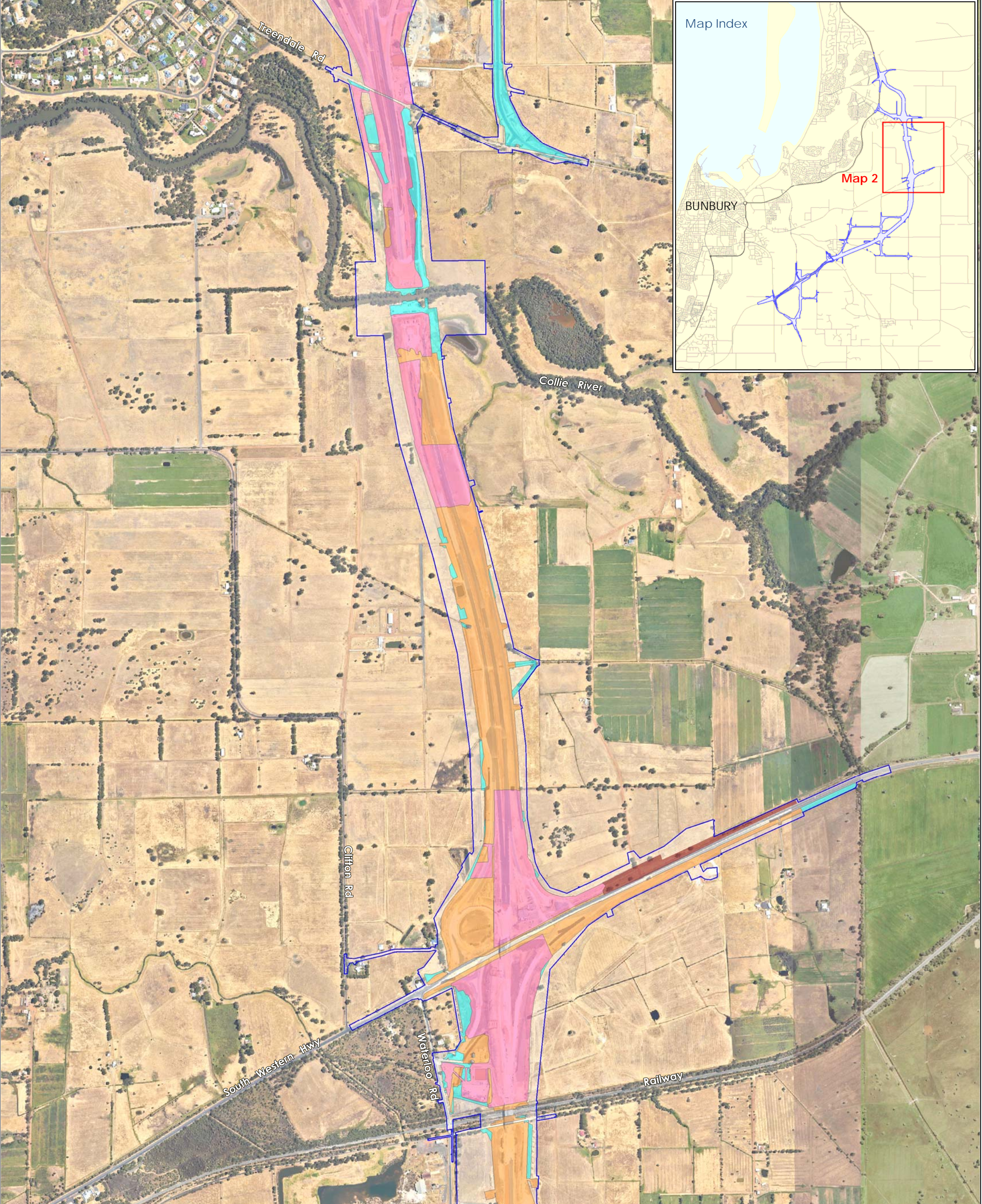




Bunbury Outer Ring Road  
Northern & Central Section  
Ground Disturbance &  
Clearing Extents 2021 - 2024  
Map 1 of 5





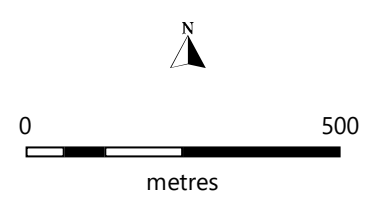


**LEGEND**

Proposal approval boundary

**Ground disturbance & clearing extents**

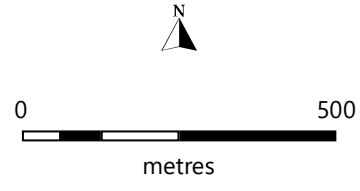
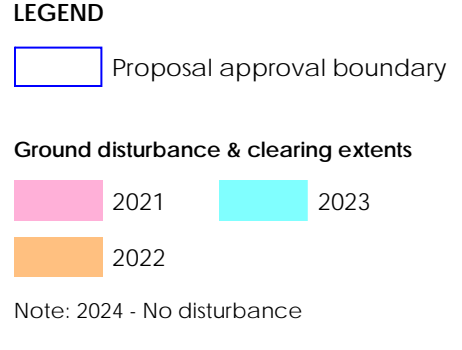
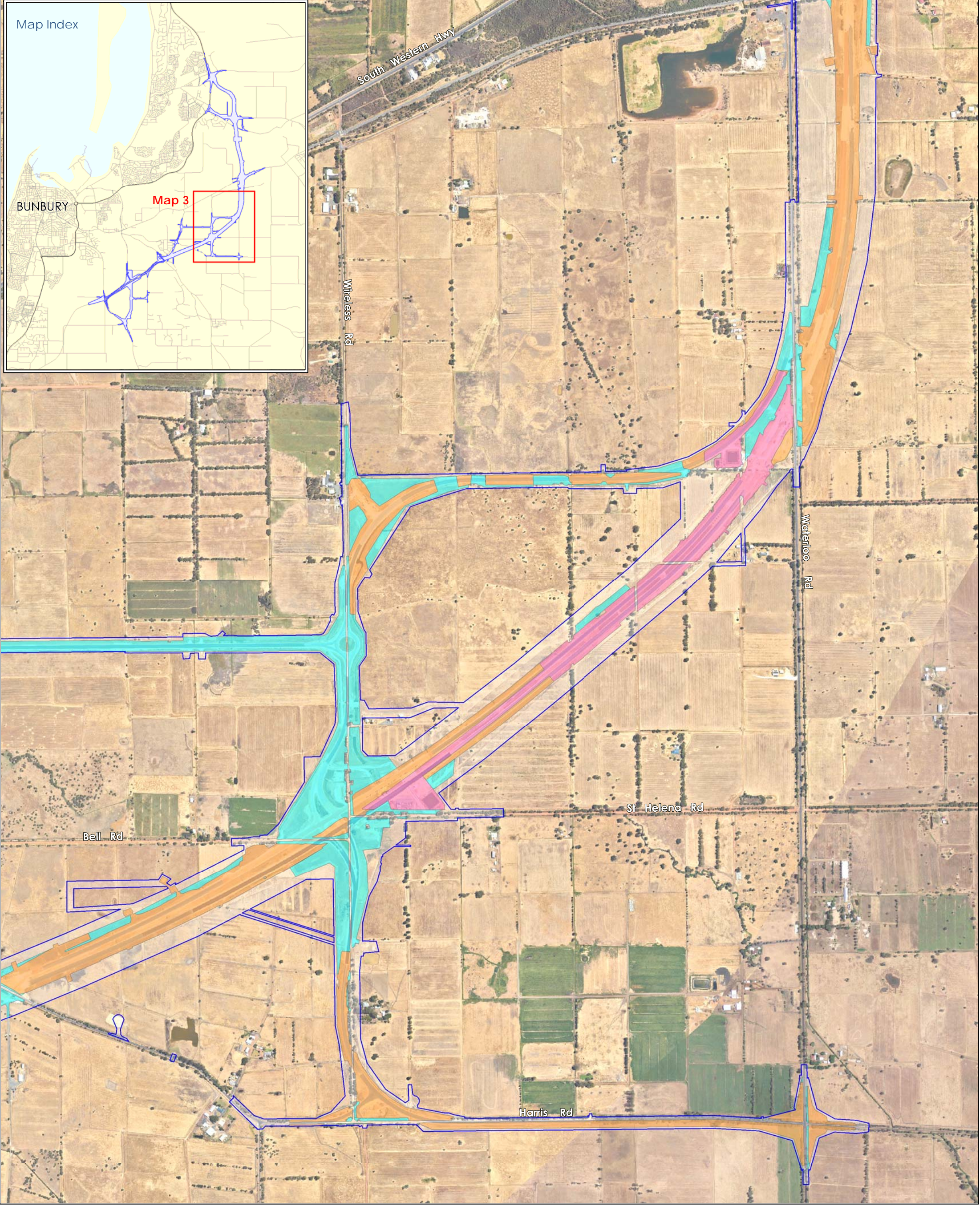
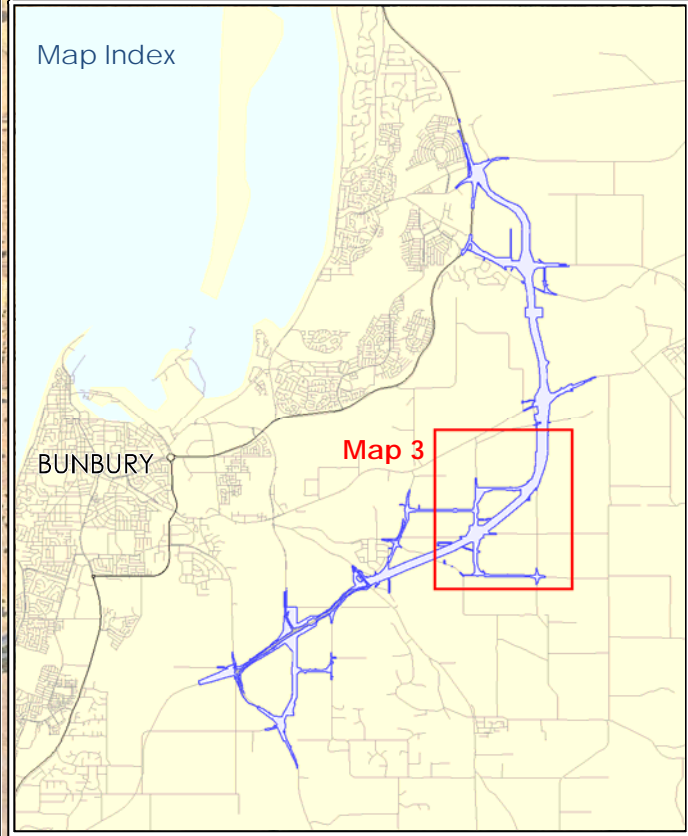
2021	2023
2022	2024



**Bunbury Outer Ring Road  
Northern & Central Section  
Ground Disturbance &  
Clearing Extents 2021 - 2024  
Map 2 of 5**

**Biota**  
Environmental Sciences



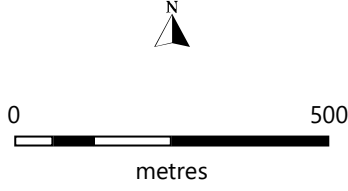
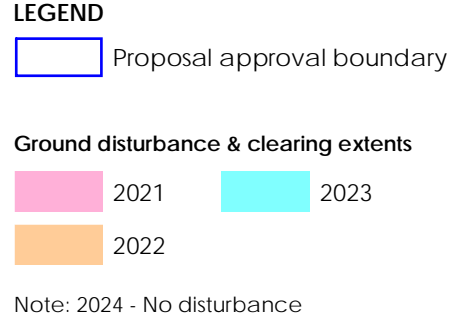
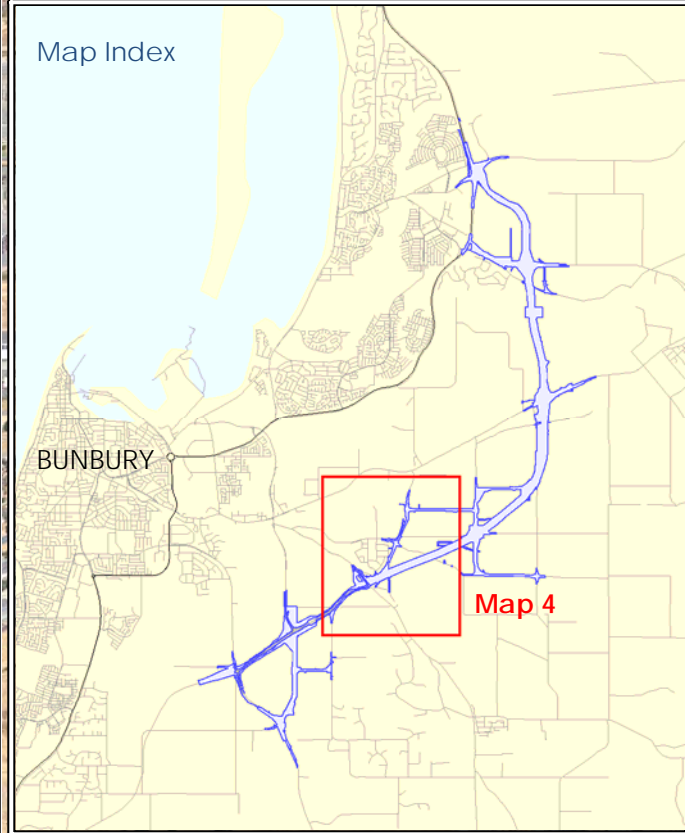


Bunbury Outer Ring Road  
Northern & Central Section  
Ground Disturbance &  
Clearing Extents 2021 - 2024  
Map 3 of 5

Biota  
Environmental  
Sciences

The logo for Biota Environmental Sciences, featuring a stylized tree and a circular emblem.

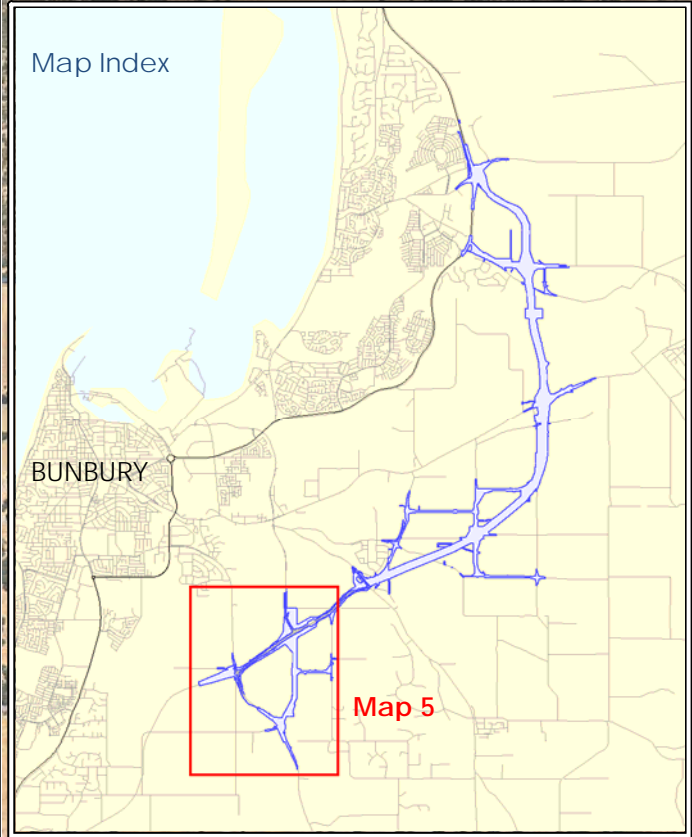




Bunbury Outer Ring Road  
Northern & Central Section  
Ground Disturbance &  
Clearing Extents 2021 - 2024  
Map 4 of 5





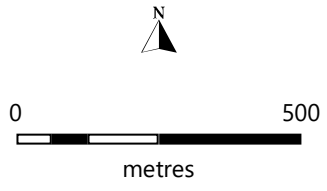


**LEGEND**

Proposal approval boundary

Ground disturbance & clearing extents

2021	2023
2022	2024



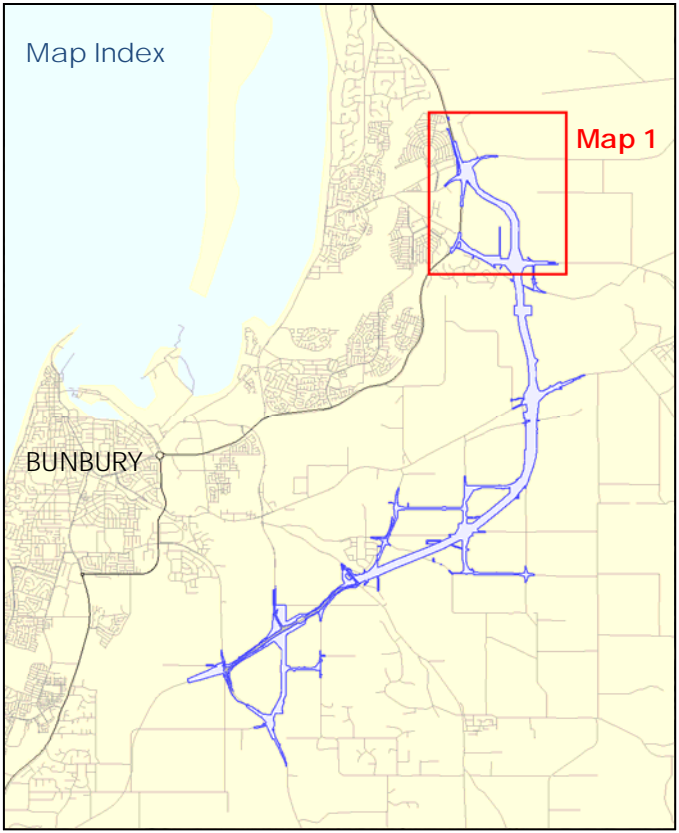
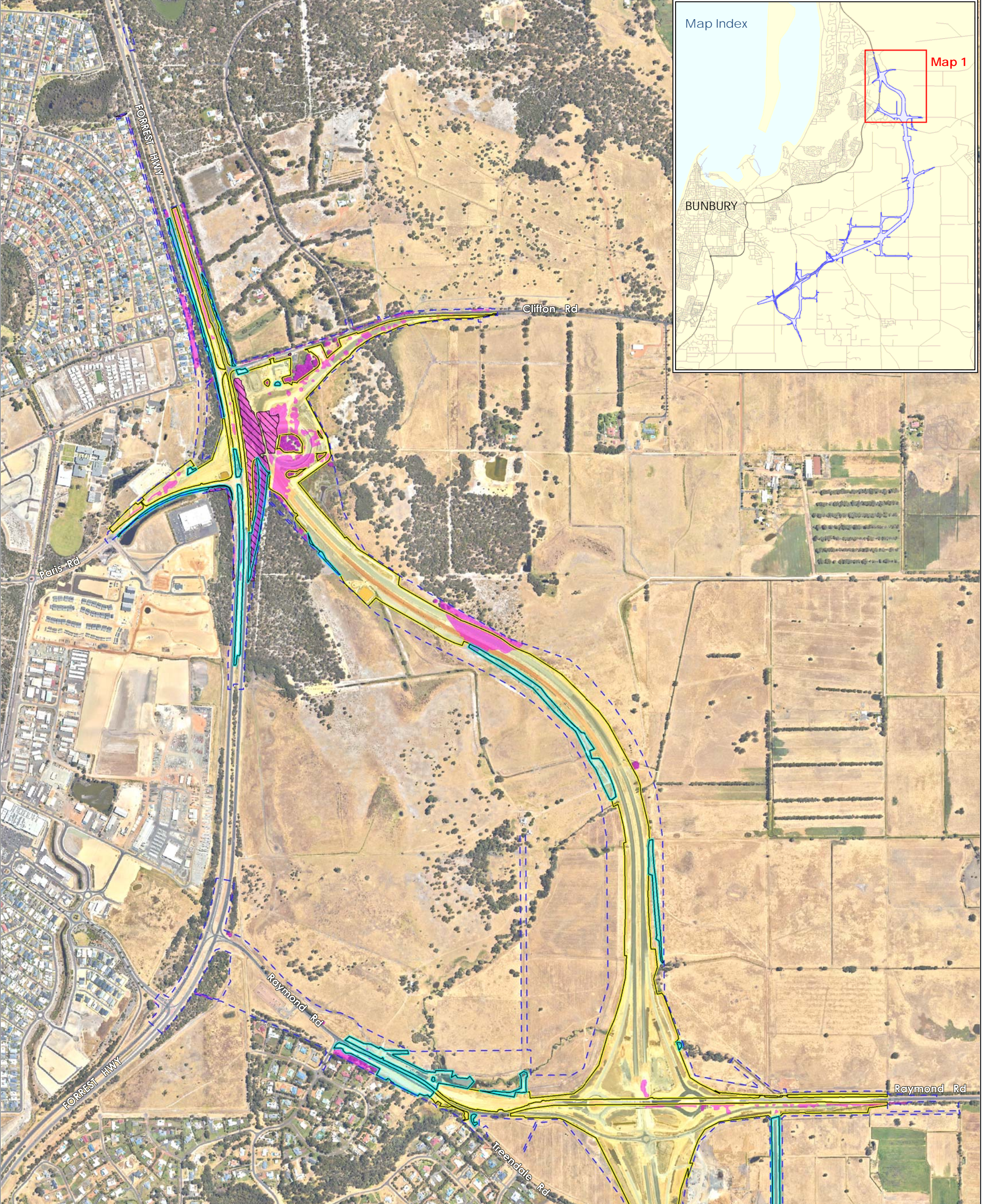
**Bunbury Outer Ring Road  
Northern & Central Section  
Ground Disturbance &  
Clearing Extents 2021 - 2024  
Map 5 of 5**





**Figure 3.** Clearing of Western ringtail possum habitat and South-western brush-tailed phascogale habitat during the previous and current reporting period.



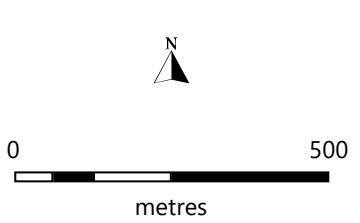


**LEGEND**

- Proposal approval boundary
- Western Ringtail Possum habitat
- Brush-tailed Phascogale habitat

**Ground disturbance & clearing extents**

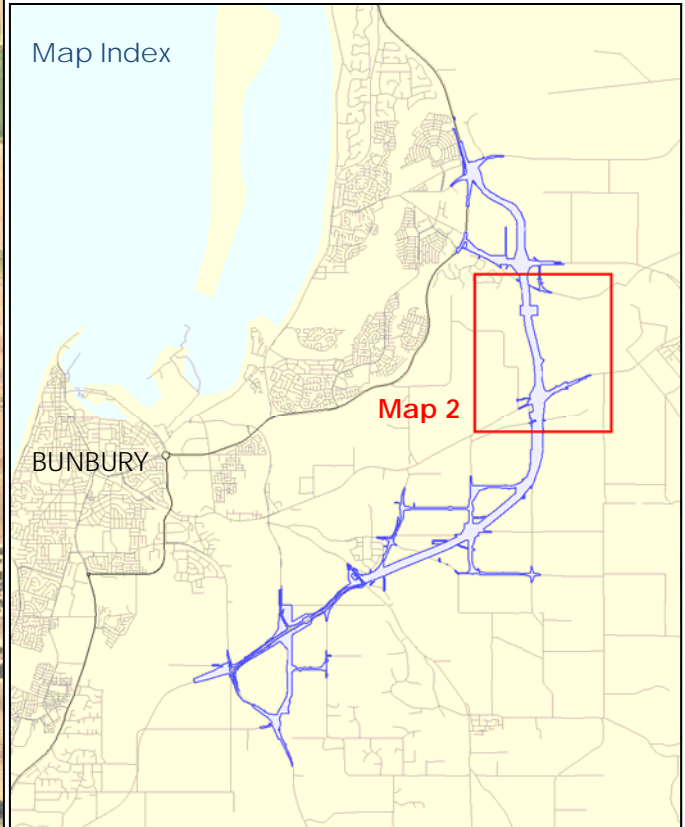
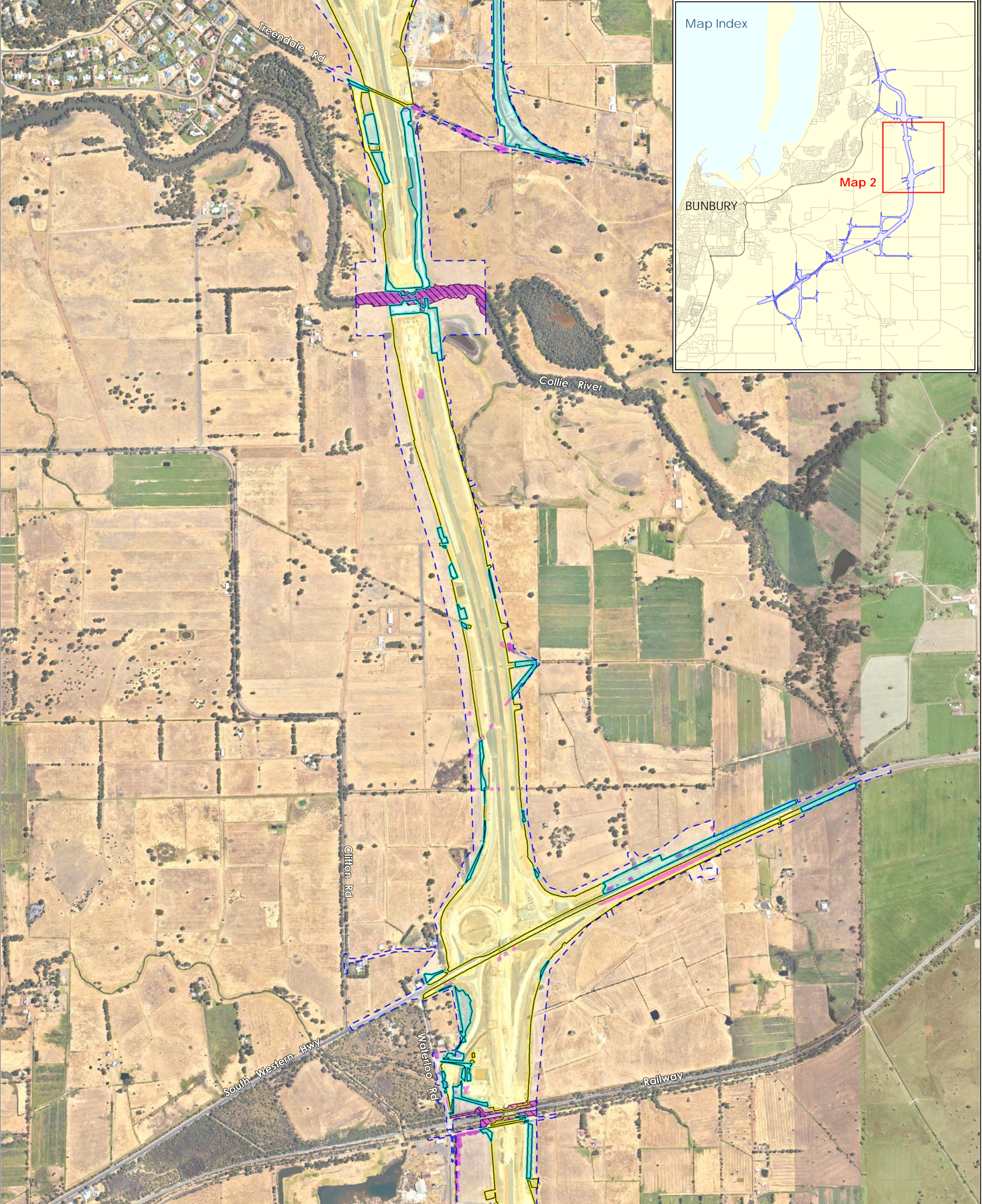
- 2023 - Feb 2024
- 2021 - 2022



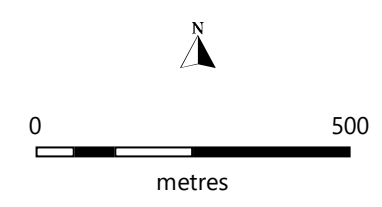
**BORR Northern & Central Section**  
**Western Ringtail Possum &**  
**South-western Brush-tailed**  
**Phascogale Habitats**  
**Map 1 of 5**







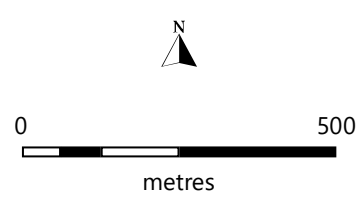
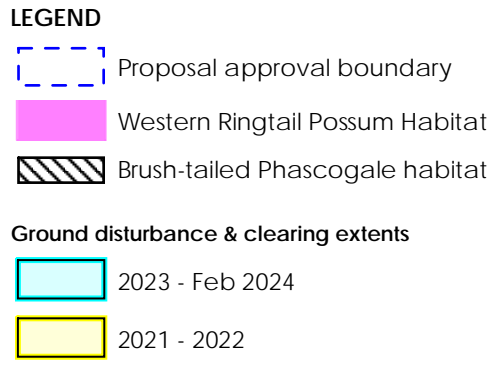
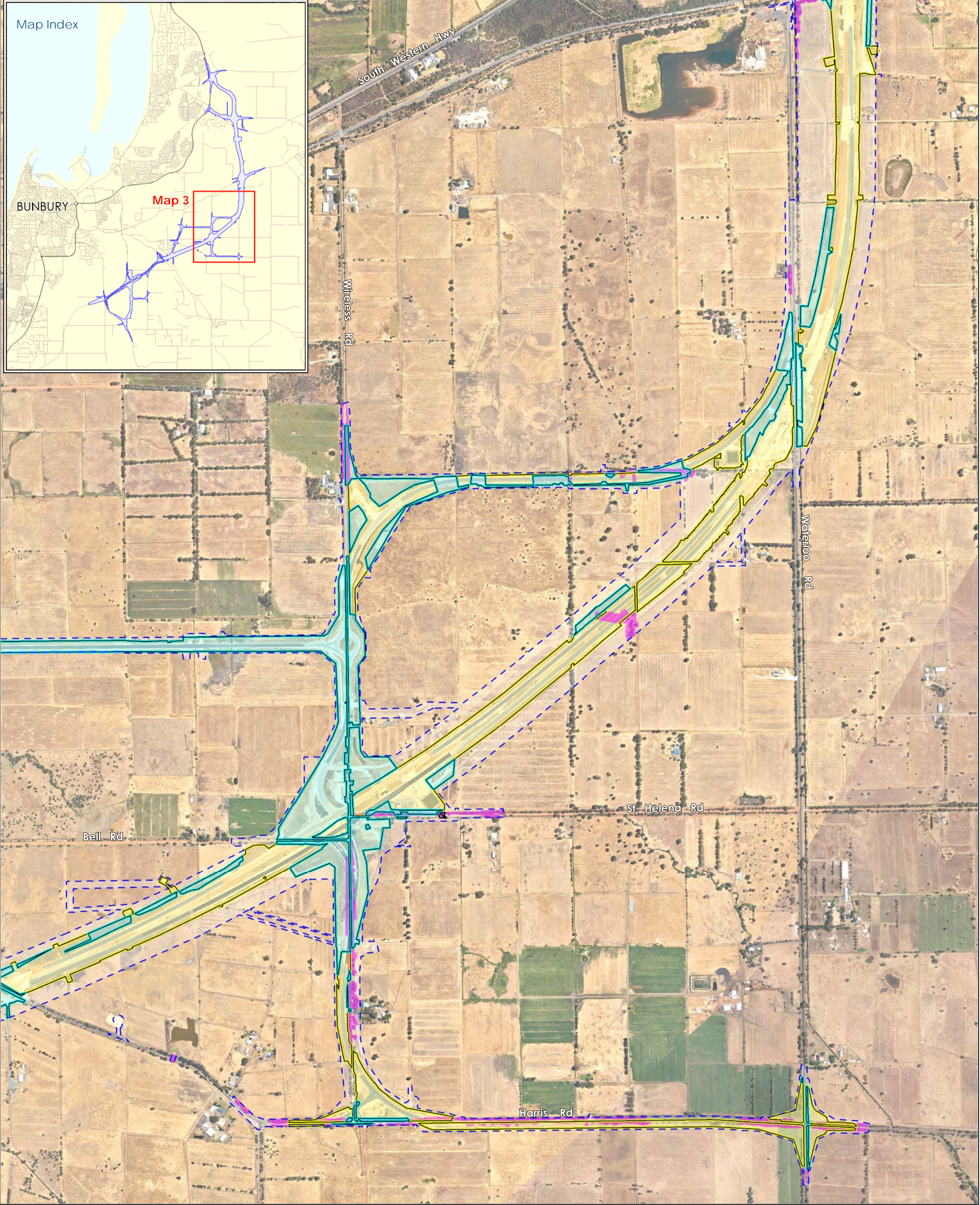
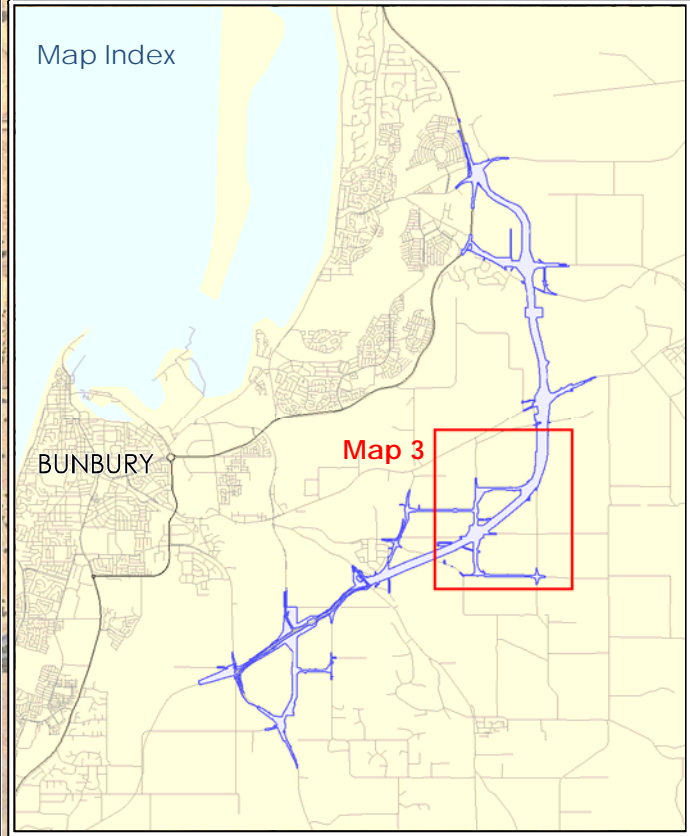
- LEGEND**
- Proposal approval boundary
  - Western Ringtail Possum habitat
  - Brush-tailed Phascogale habitat
  - Ground disturbance & clearing extents**
    - 2023 - Feb 2024
    - 2021 - 2022



**BORR Northern & Central Section**  
**Western Ringtail Possum &**  
**South-western Brush-tailed**  
**Phascogale Habitats**  
**Map 2 of 5**



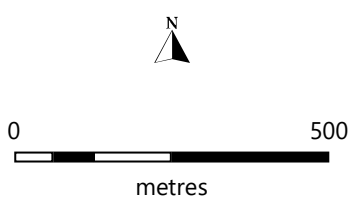
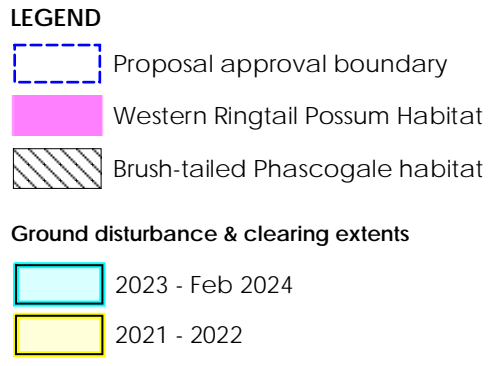
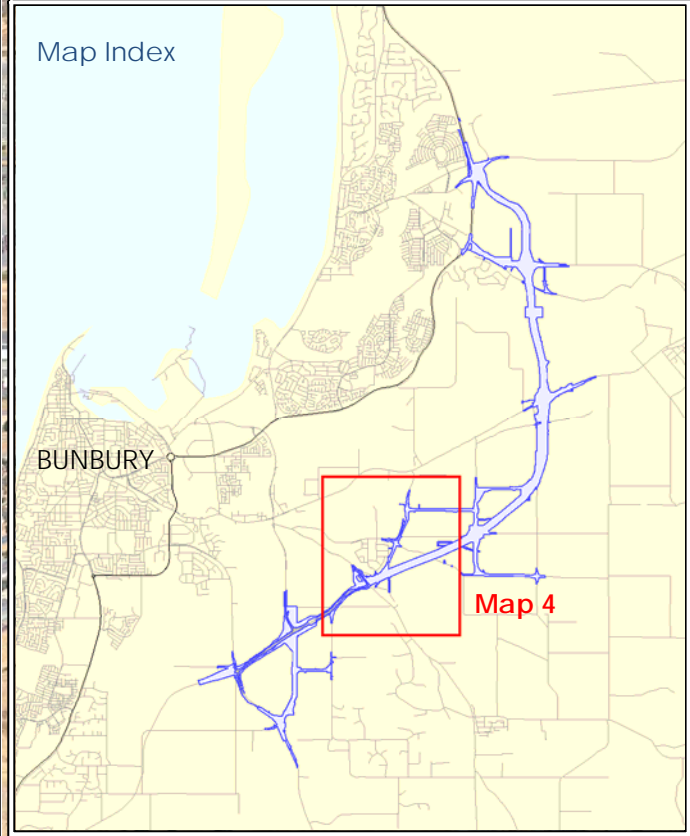




**BORR Northern & Central Section**  
**Western Ringtail Possum &**  
**South-western Brush-tailed**  
**Phascogale Habitats**  
**Map 3 of 5**



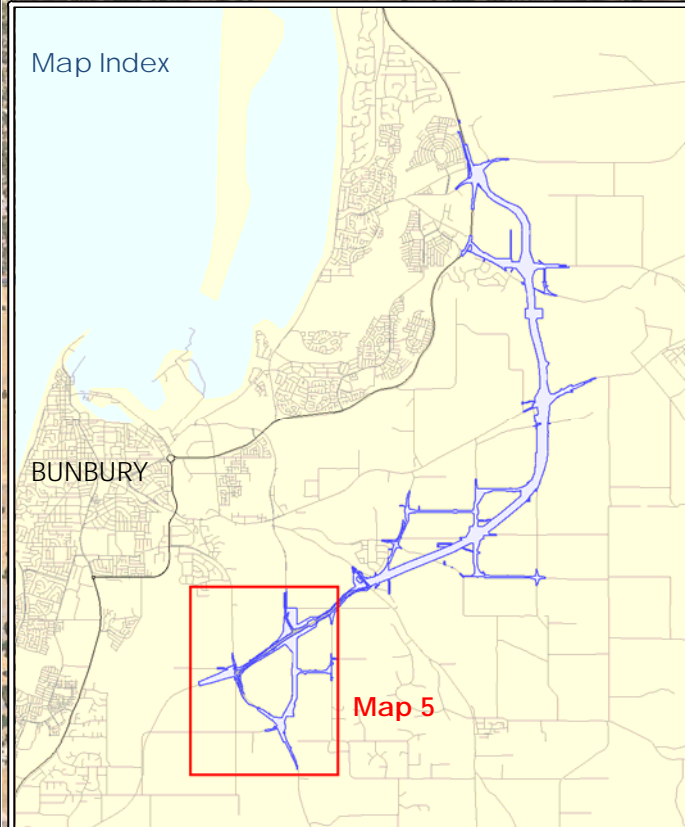
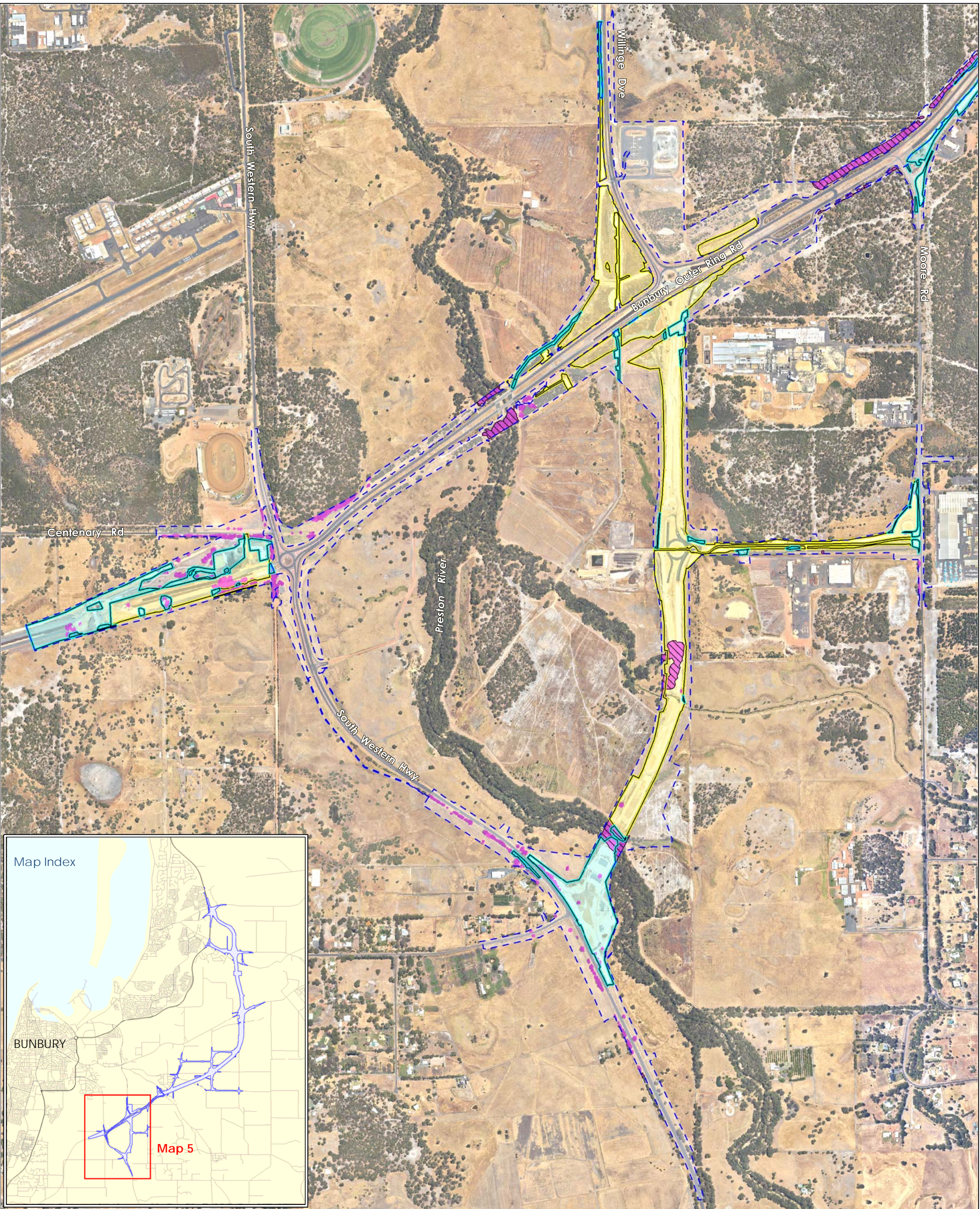




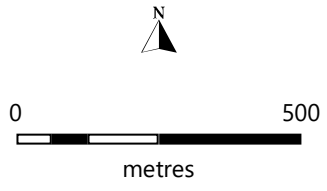
**BORR Northern & Central Section**  
**Western Ringtail Possum &**  
**South-western Brush-tailed**  
**Phascogale Habitats**  
**Map 4 of 5**







- LEGEND**
- Proposal approval boundary
  - Western Ringtail Possum habitat
  - Brush-tailed Phascogale habitat
  - Ground disturbance & clearing extents
    - 2023 - Feb 2024
    - 2021 - 2022



**BORR Northern & Central Section  
Western Ringtail Possum &  
South-western Brush-tailed  
Phascogale Habitats  
Map 5 of 5**





**Figure 4.** Clearing of Black cockatoo habitat and trees with a diameter at breast height of > 50 cm during the during the previous and current reporting period.





Location Map

**LEGEND**

Proposal approval boundary

Black Cockatoo habitat

**Ground disturbance & clearing extents**

2023 - Feb 2024

2021 - 2022

**Black Cockatoo DBH trees**

**Cleared 2023 - Feb 2024**

- Hollow - Unlikely suitable
- No hollows - suitable DBH

**Cleared 2021 - 2022**

- Hollow - unlikely suitable
- No hollows - suitable DBH

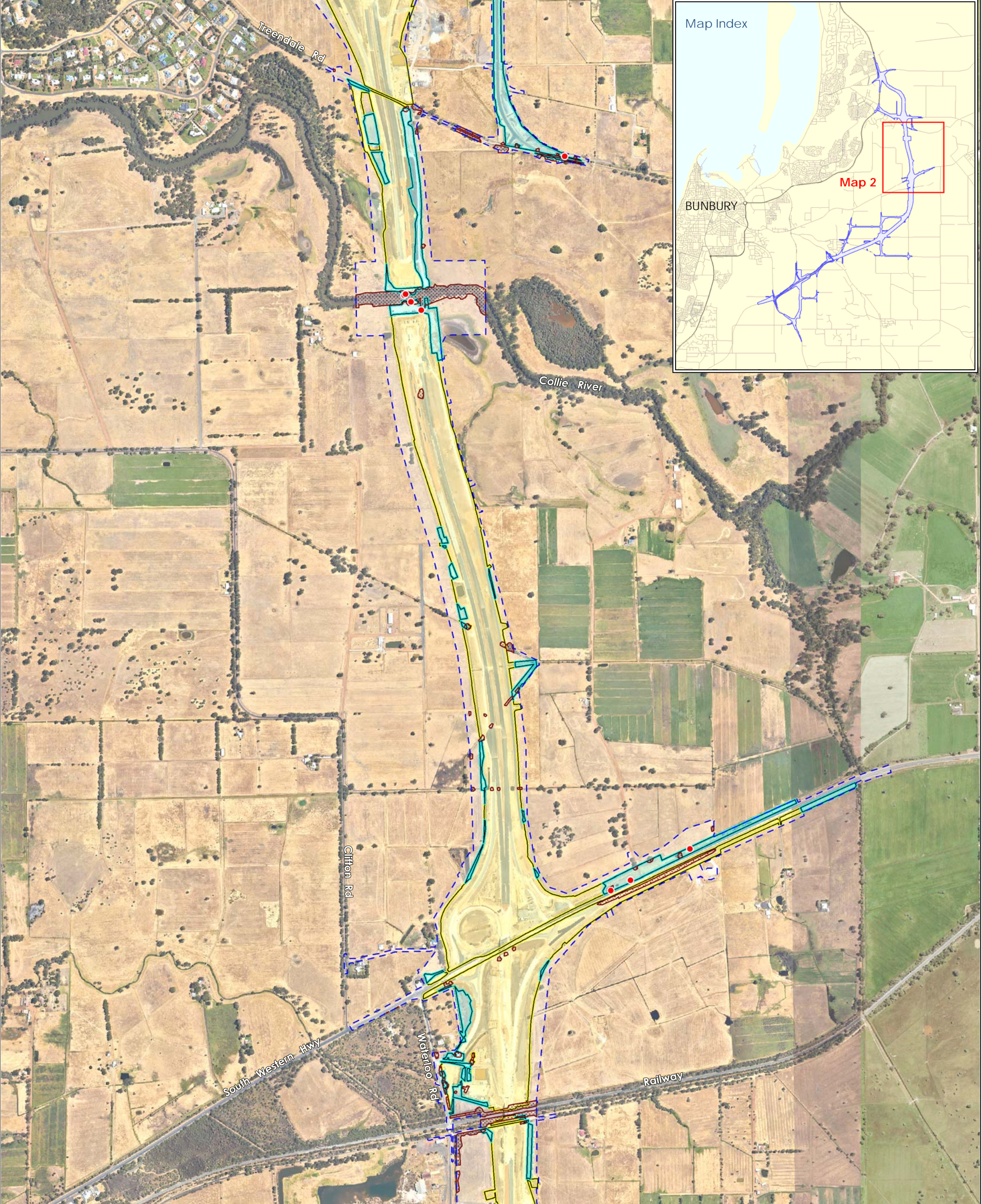
0 400 metres

**BORR Northern & Central Section**  
**Black Cockatoo Habitat & Trees (DBH > 50cm)**  
**Map 1 of 5**

Biota Environmental Sciences

Author: SWGA    Drawn: P Sawers    Job No.: 1765    Date: 16 May 2024    Revised:    Projection: MGA Z50    Scale: 1:12,000 @ A3





**LEGEND**

Proposal approval boundary

Black Cockatoo habitat

**Ground disturbance & clearing extents**

2023 - Feb 2024

2021 - 2022

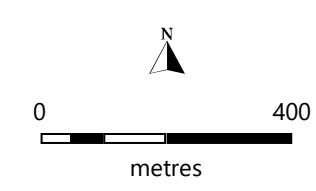
**Black Cockatoo DBH trees**

**Cleared 2023 - Feb 2024**

No hollows - suitable DBH

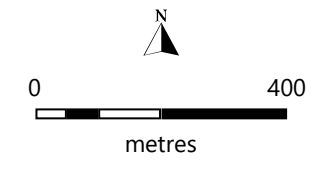
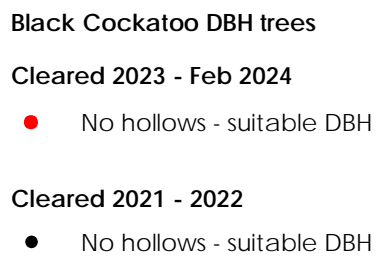
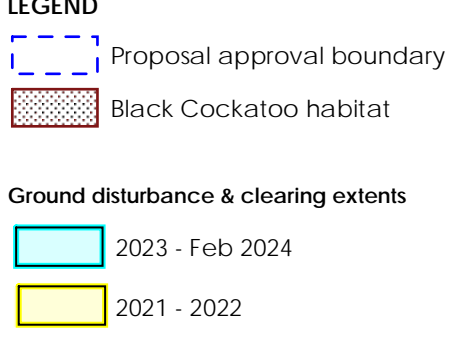
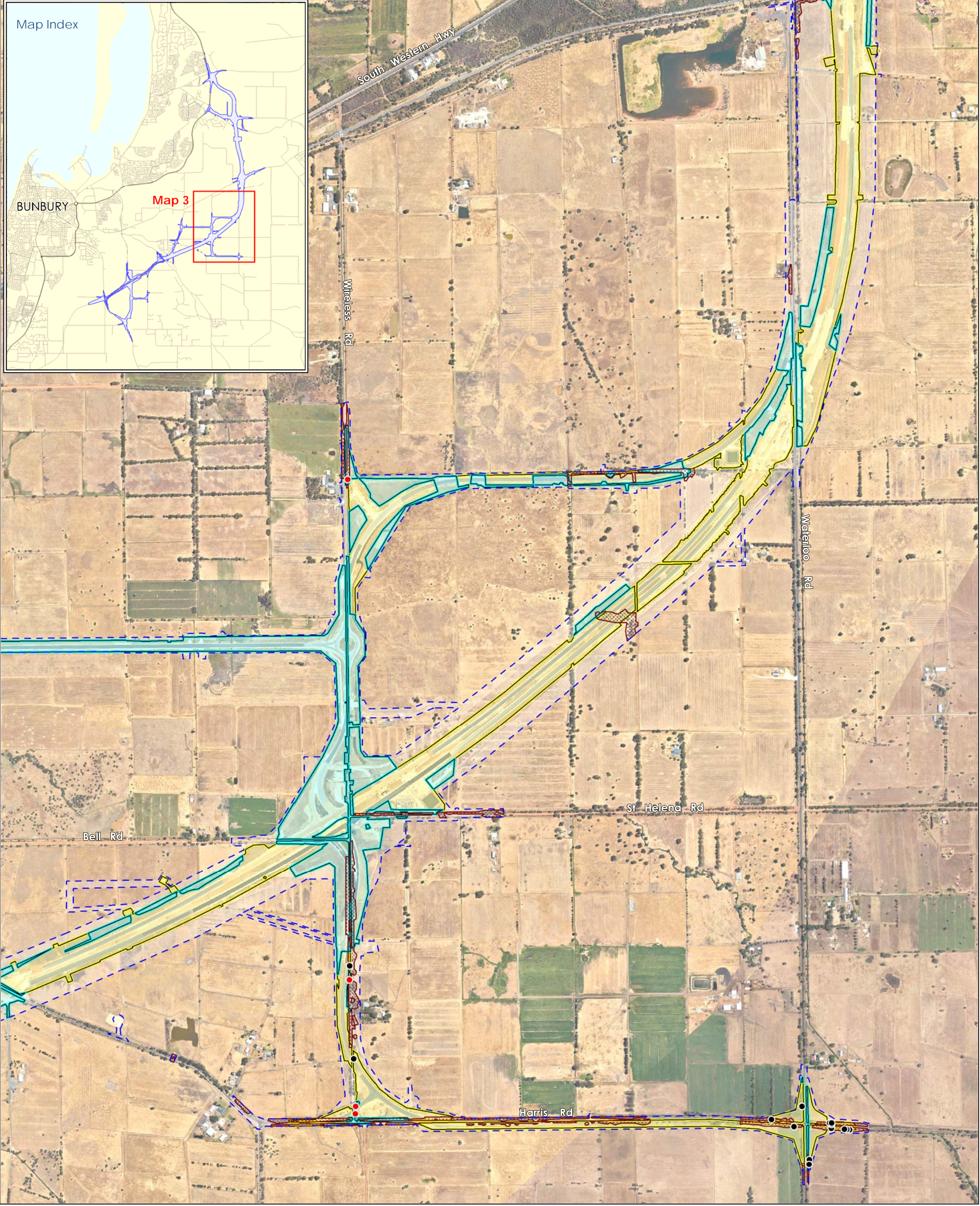
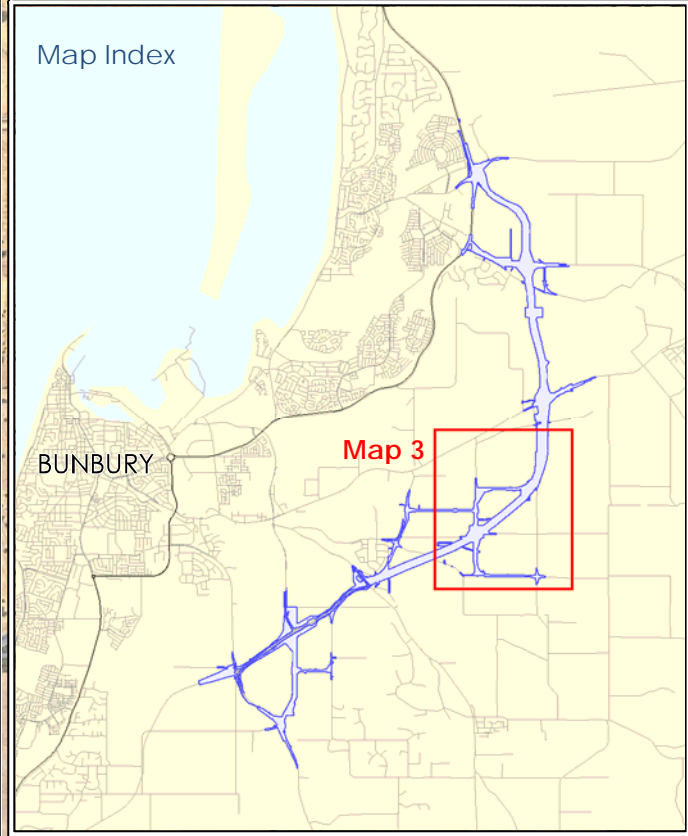
**Cleared 2021 - 2022**

\*No suitable DBH trees cleared



**BORR Northern & Central Section  
Black Cockatoo Habitat &  
Trees (DBH > 50cm)  
Map 2 of 5**

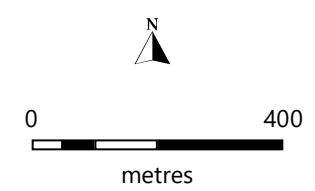
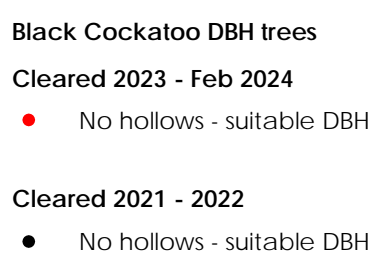
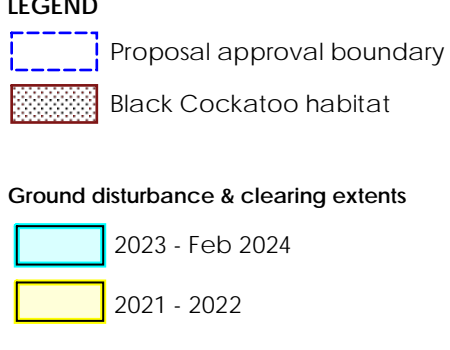
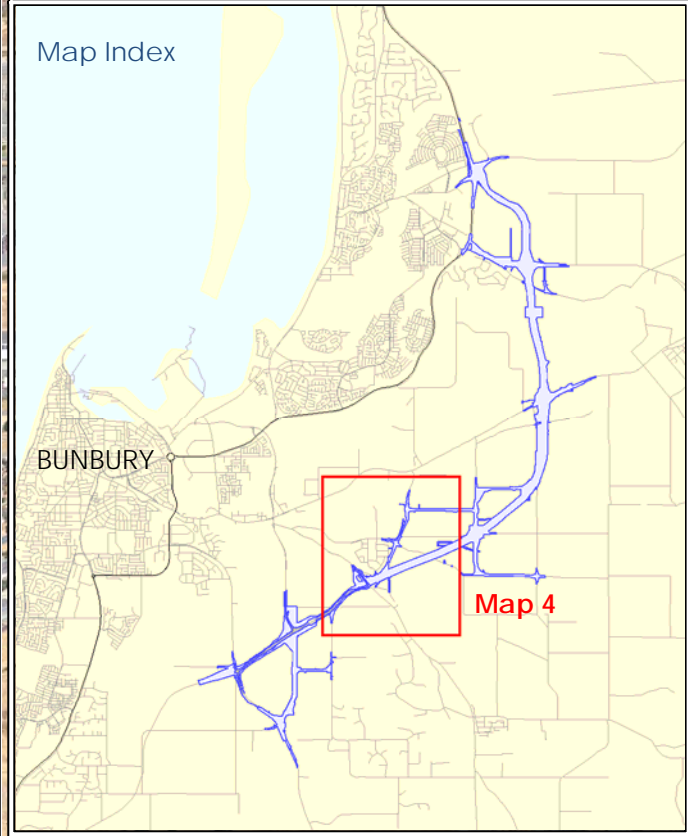




**BORR Northern & Central Section  
Black Cockatoo Habitat &  
Trees (DBH > 50cm)  
Map 3 of 5**

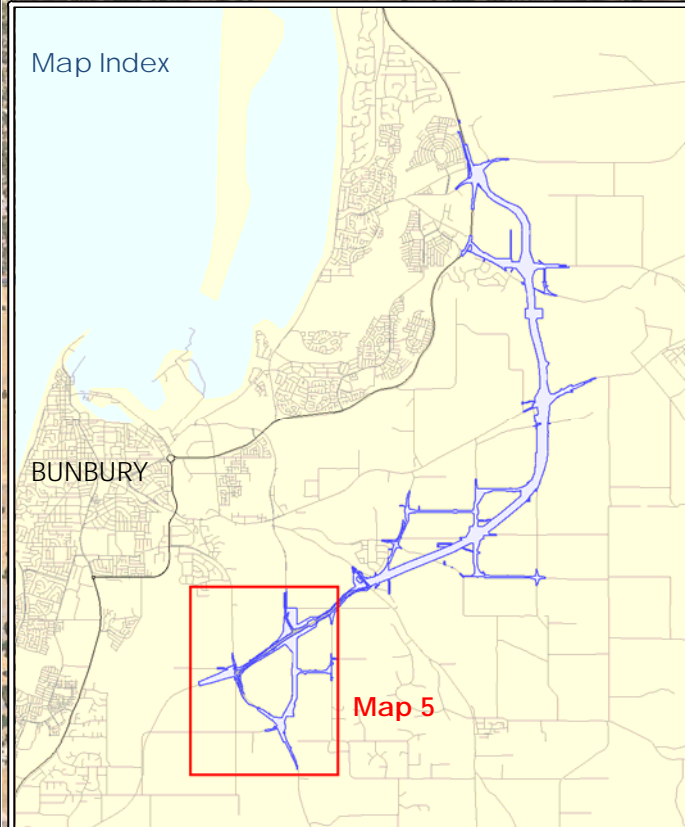






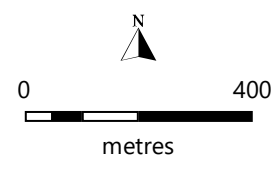
**BORR Northern & Central Section  
Black Cockatoo Habitat &  
Trees (DBH > 50cm)  
Map 4 of 5**





- LEGEND**
- Proposal approval boundary
  - Black Cockatoo habitat
  - Ground disturbance & clearing extents
    - 2023 - Feb 2024
    - 2021 - 2023

- Black Cockatoo DBH trees**
- Cleared 2023 - Feb 2024**
- Hollow - Potentially suitable
  - Hollow - Unlikely suitable
  - No hollows - suitable DBH
- Cleared 2021 - 2022**
- No hollows - suitable DBH



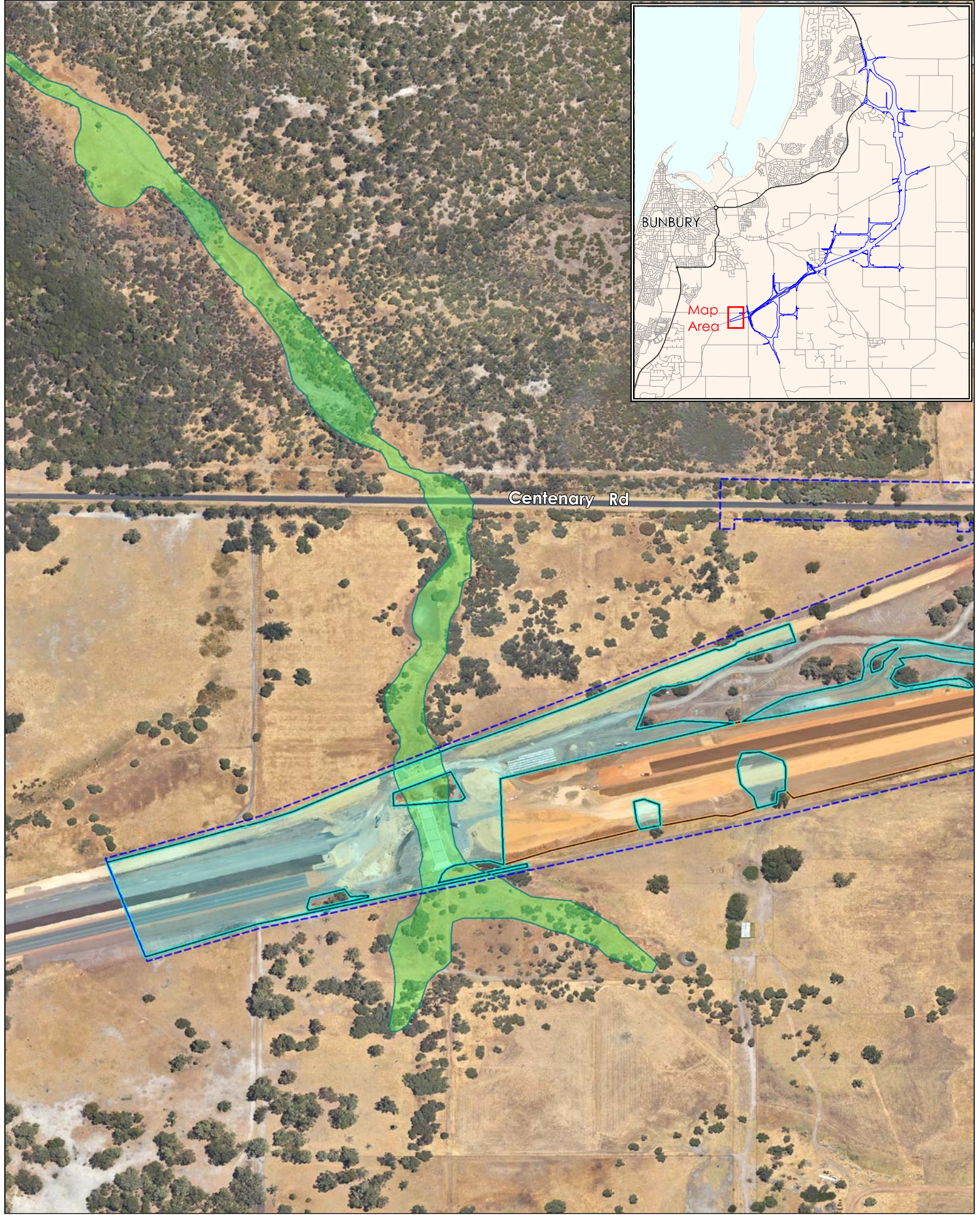
**BORR Northern & Central Section  
Black Cockatoo Habitat &  
Trees (DBH > 50cm)  
Map 5 of 5**



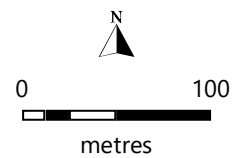


**Figure 5.        Clearing of Black stripe minnow habitat during the current reporting period.**





- LEGEND**
- Proposal approval boundary
  - Black-stripe minnow wetland habitat
  - Ground disturbance & clearing extents**
  - 2023
  - 2022



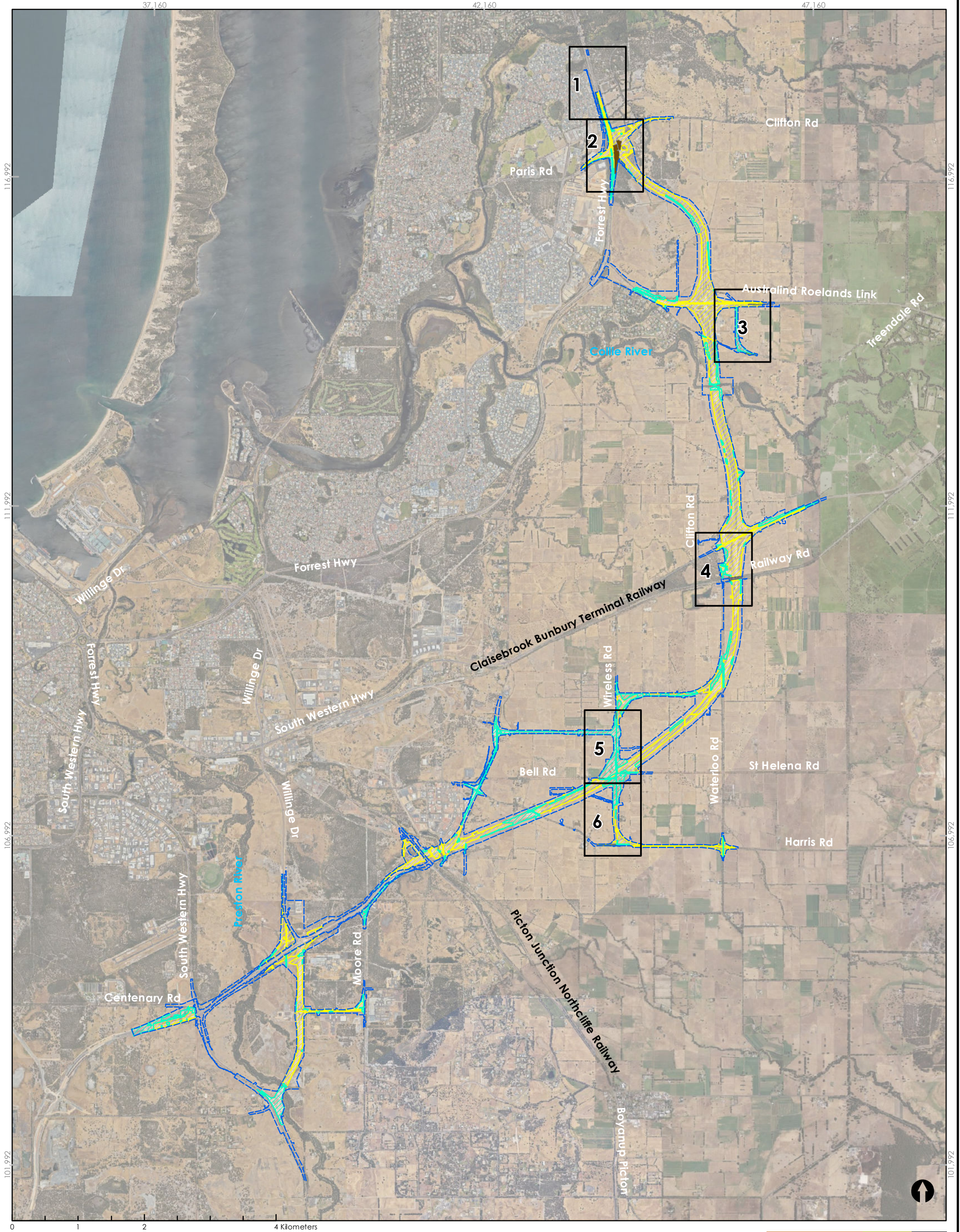
**BORR Northern & Central Section  
Black-stripe Minnow  
Wetland Habitat**





**Figure 6.** Clearing of Threatened (TEC) Ecological Communities (Banksia woodlands of the Swan Coastal Plain TEC; Herb rich shrublands on clay pans TEC (FCT08); *Corymbia Callophylla* – *Xanthorrhoea preissii* woodlands and shrublands of the Swan Coastal Plan TEC (FCT3c)), during the previous and current reporting period.





**Legend**

- Proposal Approval Boundary
- Ground Disturbance and Cleared Extent (2023/24)
- Previous Ground Disturbance and Cleared Extent (2021/22)

- TEC Inside Approved**
- Banksia Woodland TEC
  - Corymbia calophylla* - *Xanthorrhoea preissii* woodlands and shrublands of the Swan Coastal Plain (FCT 3c)
  - Herb rich shrublands on clay pans (TEC – Critically Endangered EPBC Act)

**Bunbury Outer Ring Road**  
CAR 2023 - 2024  
Overview - TEC Mapping







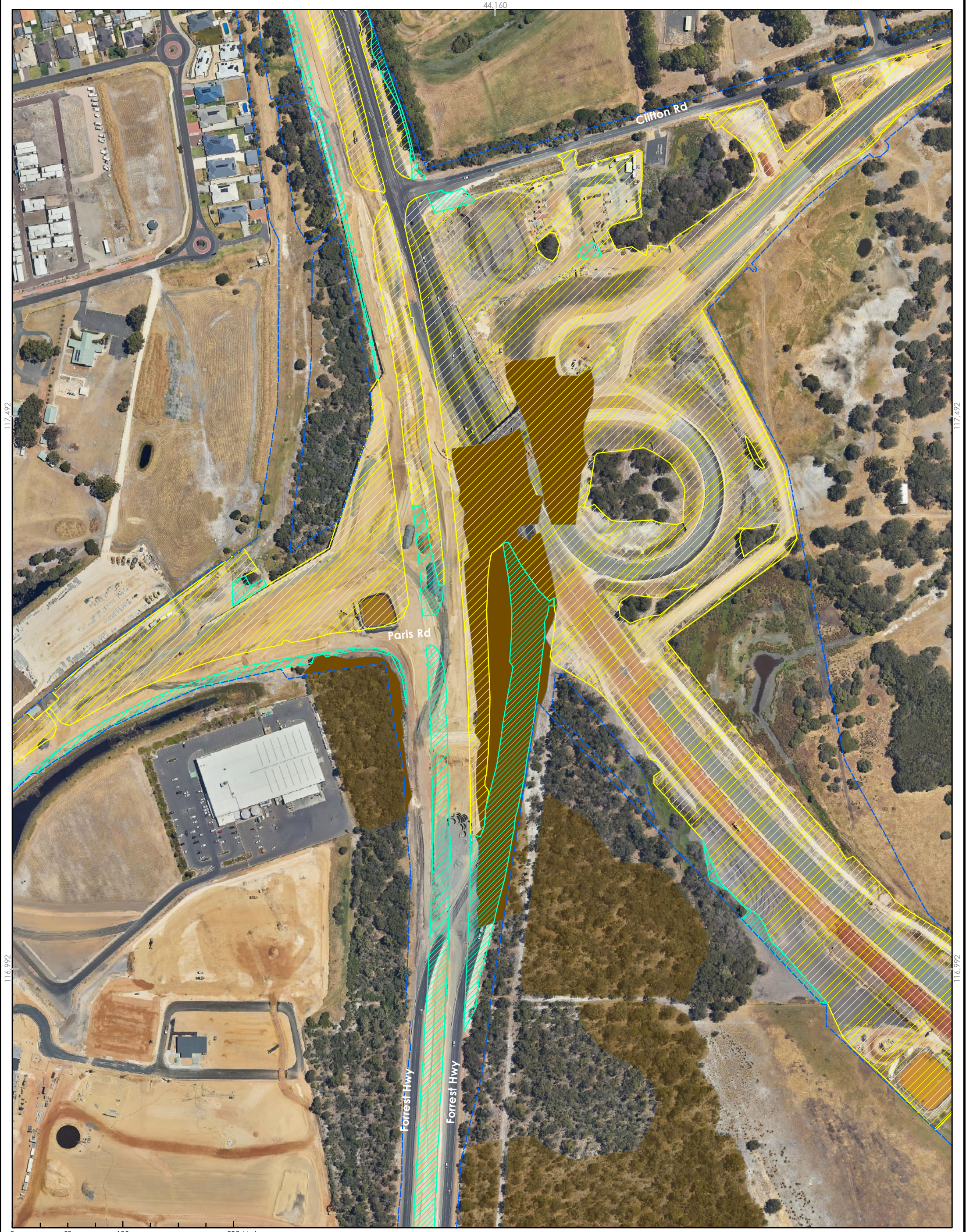
**Legend**

- Proposal Approval Boundary
- Ground Disturbance and Cleared Extent (2023/24)
- Previous Ground Disturbance and Cleared Extent (2021/22)

**TEC Description**

- Banksia Woodland TEC









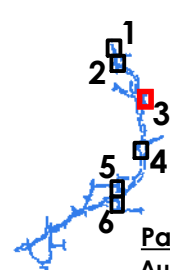
**Legend**

- Proposal Approval Boundary
- Ground Disturbance and Cleared Extent
- Previous Ground Disturbance and Cleared Extent

**TEC Description**

- Corymbia calophylla* - *Xanthorrhoea preissii* woodlands and shrublands of the Swan Coastal Plain (FCT 3c)

**Bunbury Outer Ring Road**  
CAR 2023 - 2024  
TEC Mapping







0 50 100 200 Meters

**Legend**

- Proposal Approval Boundary
- Ground Disturbance and Cleared Extent (2023/24)
- Previous Ground Disturbance and Cleared Extent (2021/22)

**TEC Description**

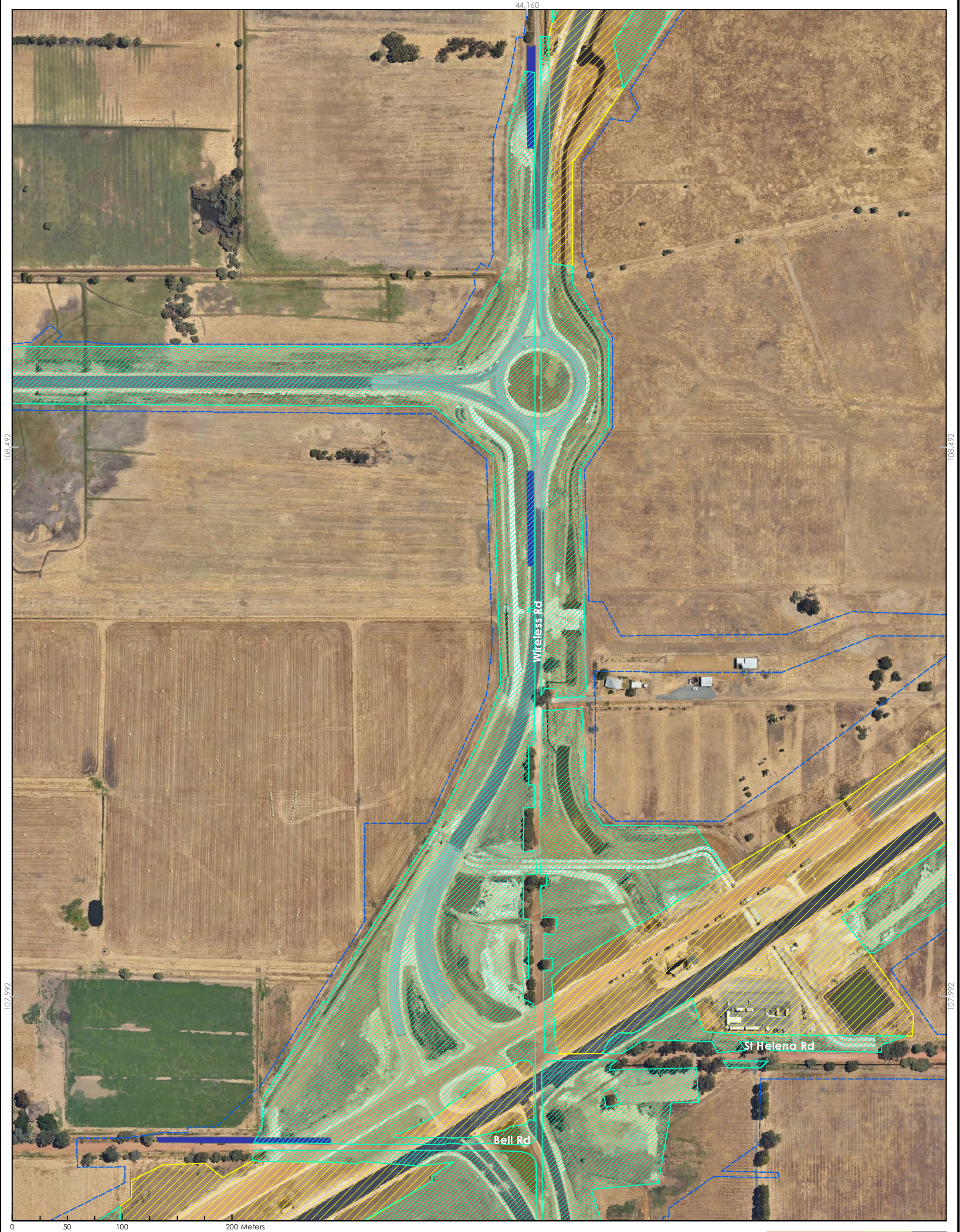
- Corymbia calophylla* - *Xanthorrhoea preissii* woodlands and shrublands of the Swan Coastal Plain (FCT 3c)
- Herb rich shrublands on clay pans (TEC – Critically Endangered EPBC Act)



**Bunbury Outer Ring Road**  
CAR 2023 - 2024  
TEC Mapping













## 9 Appendices

Appendix	Title
Appendix A	EPBC 2019 / 8471 - Audit Table
Appendix B	Black Cockatoo Action Management Plan - Audit Table
Appendix C	Conservation Significant Fauna Action Management Plan - Audit Table
Appendix D	Ministerial Statement No.1155 - Compliance Assessment Report (2023)



# Appendix A

## EPBC 2019 / 8471 - Audit Table

Appendix A: Audit Table for EPBC 2019 / 8471

Condition number	Condition	Evidence / Comments	Compliance Status
Condition 1.	Note: A variation to Condition 1 of EPBC 2019/8471 and the associated authorised extents and clearing of protected matters (listed below) for the Action was approved by DCCEEW on 25 August 2023.	Refer to Table 2 of this ACR.	-
	For the protection of listed threatened species and communities the approval holder must not clear more than: <ul style="list-style-type: none"> <li>a. 38.8 ha of habitat for Black Cockatoos, including no more than 710 trees with a diameter at breast height of greater than 500 mm and no more than a total of three suitable nest hollows;</li> <li>b. 41.3 ha of habitat for the Western Ringtail Possum (<i>Pseudocheirus occidentalis</i>);</li> <li>c. 0.49 ha of habitat for the Black-stripe Minnow (<i>Galaxiella nigrostriata</i>);</li> <li>d. 3.7 ha of Banksia Woodland of the Swan Coastal Plain Threatened Ecological Community;</li> <li>e. 0.44 ha of Clay Pans of the Swan Coastal Plain Threatened Ecological Community; and</li> <li>f. 1.3 ha of <i>Corymbia calophylla</i> – <i>Xanthorrhoea preissii</i> Woodlands and Shrublands of the Swan Coastal Plain Threatened Ecological Community.</li> </ul>	Clearing and disturbance during the reporting period of 24 February 2023 to 23 February 2024, did not exceed the approved clearing limits for the Action. During the reporting period, clearing and disturbance has included: <ul style="list-style-type: none"> <li>a. 4.14 ha of habitat for Black Cockatoos, including 125 trees with a diameter at breast height of greater than 500 mm; and one of three trees with suitable nest hollows;</li> <li>b. 4.47 ha of habitat for the Western Ringtail Possum (<i>Pseudocheirus occidentalis</i>);</li> <li>c. 0.34 ha of habitat for the Black-stripe Minnow (<i>Galaxiella nigrostriata</i>);</li> <li>d. 1.14 ha of Banksia Woodland of the Swan Coastal Plain Threatened Ecological Community;</li> <li>e. 0.13 ha of Clay Pans of the Swan Coastal Plain Threatened Ecological Community; and</li> <li>f. 0.07 ha of <i>Corymbia calophylla</i> – <i>Xanthorrhoea preissii</i> Woodlands and Shrublands of the Swan Coastal Plain Threatened Ecological Community.</li> </ul> Refer to Table 3 and Figures 2-6 of this ACR.	Compliant
Condition 2.	For the protection of listed threatened species and communities the approval holder must not cause a long-term reduction in habitat quality, for any areas of habitat retained within the proposal area, or any adjacent areas of habitat, excluding those areas permitted to be cleared under condition 1.	There has been no long-term reduction in habitat quality, for any areas of habitat retained within the proposal area, or any adjacent areas of habitat, since clearing for the proposal commenced on 24 <sup>th</sup> February 2021. Refer to ACR Appendix B, C, D.	Compliant
Condition 3.	For the protection of Black Cockatoos, the approval holder must implement the Black Cockatoo Action Management Plan.	The Black Cockatoo Action Management Plan (BC AMP) has been implemented. Refer to ACR Appendix B - Black Cockatoo AMP Audit Table.	Compliant
Condition 4.	For the protection of the Western Ringtail Possum, Black-stripe Minnow, and Carter's Freshwater Mussel ( <i>Westralunio carteri</i> ), the approval holder must implement the Conservation Significant Fauna Environmental Management Plan.	The Conservation Significant Fauna Action Management Plan (CSF AMP) has been implemented. Refer to ACR Appendix C - Conservation Significant Fauna AMP Audit Table.	Compliant
Condition 5.	The approval holder must comply with and implement all conditions set out in Ministerial Statement No. 1155 to the extent they relate to protected matters.	To the extent they relate to protected matters, all conditions set out in Ministerial Statement 1155 have been implemented. Refer to ACR Appendix D - MS 1155 CAR (2022-23).	Compliant
Condition 6.	The approval holder must submit to the Department a copy of each report required under conditions 6 to 9 inclusive of Ministerial Statement No. 1155 as part of the first compliance report (required under condition 19 of this approval) after the relevant timing requirement specified in Ministerial Statement No. 1155.	All relevant reports have been submitted to the Department.	Compliant
Condition 7.	To compensate for residual significant impacts to Western Ringtail Possum and Black Cockatoos, the approval holder must secure as offset areas the properties at Lot 2 Boyanup Picton Road, Lot 104 Willinge Drive, Davenport, and State Forest No. 2, (illustrated as the areas shaded green, designated as 'BORR North offset property' and shaded orange, designated as 'Potential MRD rehabilitation areas' on the maps at Attachment A) in accordance with the Offset Strategy Plan.	Main Roads has secured as an offset areas the properties at Lot 2 Boyanup Picton Road and Lot 104 Willinge Drive, Davenport. Main Roads has commenced revegetation works as per the Offset Plan submitted to DCCEEW in October 2022.	Compliant
Condition 8.	The approval holder must submit for the Minister's approval, within 12 months of the date of this approval, an Offset Management Plan for the offset sites required under condition 7. The Offset Management Plan must be consistent with the Department's Environmental Management Plan Guidelines, listed in (a) to (g) in Condition 8. <ul style="list-style-type: none"> <li>a. the environmental objectives, relevant EPBC Act protected matter(s) and a reference to EPBC Act approval conditions to which the plan refers;</li> <li>b. a table of commitments made in the plan to achieve the objectives, and a reference to where the commitments are detailed in the plan;</li> <li>c. reporting and review mechanisms, and documentation standards to demonstrate compliance with the plan;</li> <li>d. an assessment of risks to achieving environmental objectives and risk management strategies that will be applied;</li> <li>e. impact avoidance, mitigation and/or repair measures, and their timing; and</li> <li>f. a monitoring program, which must include: <ul style="list-style-type: none"> <li>i. measurable performance indicators;</li> <li>ii. the timing and frequency of monitoring to detect trigger values and changes in the performance indicators;</li> <li>iii. trigger values for corrective actions; and</li> <li>iv. proposed corrective actions if trigger values are reached.</li> </ul> </li> <li>g. links to referenced plans and applicable conditions of approval (including State approval conditions).</li> </ul> The Offset Management Plan as approved by the Minister must be implemented.	The Offset Plan was submitted on 28 October 2022. Main Roads considers that the submitted Offset Plan complies with the requirements of Condition 8. A request was submitted to DCCEEW in December 2021 to vary Conditions 8 and 10 and to extend the submission due date for the two plans, which was required to: <ul style="list-style-type: none"> <li>- Conduct winter surveys when claypan sites are inundated with water. This is required to define suitability of potential claypan TEC offsets when all plant species are able to be identified.</li> <li>- Conduct spring surveys of potential offset areas.</li> <li>- Provision of time to negotiate and implement land purchases and transfers. This is a complicated procedure and is reliant on a number of external agencies in the process.</li> <li>- Availability of subject matter experts (both private and government).</li> </ul> An initial email response was received following the submission of the Offset Plan. On 1 November 2022, DCCEEW advised it was working through the requirements for this plan and that it was aware Main Roads "also have a request for variation concerning this approval". Main Roads has been advised by DCCEEW that resourcing challenges have caused delays in processing submissions. Despite a number of queries, no advice has been provided as to whether the request to vary the conditions has been granted. On 23 November 2023 DCCEEW advised that the Offset Plan was allocated for review. No further advice has been received from DCCEEW.	Not applicable
Condition 9.	In addition to the requirements of condition 8, the Offset Management Plan must comply with inclusions (a) to (f) in Condition 9. If the Offset Management Plan is not able to demonstrate that the offset areas required under condition 7 contain sufficient areas of suitable habitat quality for the Western Ringtail Possum and Black Cockatoos to be consistent with the Offset Strategy Plan the approval holder must propose additional offset areas such that the full suite of offset areas contains sufficient habitat for the Western Ringtail Possum and Black Cockatoos. <ul style="list-style-type: none"> <li>a. demonstrate that the offset areas required under condition 7 contain sufficient habitat for the Western Ringtail Possum and Black Cockatoos, of sufficient habitat quality to be consistent with the Offset Strategy Plan;</li> </ul>	The Offset Management Plan addresses the requirements of the condition.	Not applicable



Condition number	Condition	Evidence / Comments	Compliance Status
	<ul style="list-style-type: none"> <li>b. identify the securing mechanism by which each offset area will be permanently protected for conservation;</li> <li>c. detail the method by which any revegetation and/or rehabilitation will be undertaken in each offset area in order to achieve the targets for vegetation condition specified in the Offset Strategy Plan including details of: <ul style="list-style-type: none"> <li>i. the timeframe for the revegetation and rehabilitation actions to be undertaken;</li> <li>ii. the funding arrangements under which the revegetation and rehabilitation actions will be undertaken; and</li> <li>iii. the name, qualifications and experience of the suitably qualified ecologist who will manage all revegetation and rehabilitation actions.</li> </ul> </li> <li>d. detail ongoing management actions to ensure that, once any revegetation or rehabilitation target, as specified in the Offset Strategy Plan, is reached, each such target continues to be met or exceeded for at least 20 years, including details of: <ul style="list-style-type: none"> <li>i. the funding arrangements under which the maintenance actions will be undertaken, and</li> <li>ii. the suitably qualified ecologist who will manage maintenance actions.</li> </ul> </li> <li>e. identify any contingency actions to be implemented should revegetation, rehabilitation or management actions fail; and</li> <li>f. detail monitoring, reporting and evaluation mechanisms for revegetation, rehabilitation and management actions and propose suitable reporting frameworks to the Department.</li> </ul>		
Condition 10.	<p>To compensate for residual significant impacts to the EPBC Act listed Clay Pans of the Swan Coastal Plain Threatened Ecological Community, the <i>Corymbia calophylla</i> – <i>Xanthorrhoea preissii</i> Woodlands and Shrublands of the Swan Coastal Plain Threatened Ecological Community, and any shortfalls in compensation for other EPBC Act protected matter/s identified in the offset areas required under condition 7, the approval holder must prepare a Land Acquisition and On-ground Management Offset Strategy in accordance with the conditions set out in the Report of the Environment Protection Authority 1682. See Condition 10, (a) to (d) for requirements. Specific conditions to be added with the approved MS.</p> <ul style="list-style-type: none"> <li>a. The approval holder must provide the Department with a copy of the Land Acquisition and On-ground Management Offset Strategy, or any subsequent revised version of the Land Acquisition and On-ground Management Offset Strategy, within 10 business days of the Western Australian Government providing written confirmation that the Land Acquisition and On-ground Management Offset Strategy (hereafter referred to as the approved Land Acquisition and On-ground Management Offset Strategy) meets the requirements of condition 11 of Ministerial Statement No. 1155.</li> <li>b. Concurrent with the submission of the copy of the approved Land Acquisition and On-ground Management Offset Strategy to the Department, or any subsequently approved revised version of that document, the approval holder must also provide the Department with a signed declaration that all the offset areas proposed in the approved Land Acquisition and On-ground Management Offset Strategy meet the requirements of the Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy.</li> <li>c. The approved Land Acquisition and On-ground Management Offset Strategy must be provided to the Department within 12 months of the date of this approval.</li> <li>d. The approval holder must implement the approved Land Acquisition and On-ground Management Offset Strategy.</li> </ul>	<p>The Offset Plan was submitted on 28 October 2022.</p> <p>A request was submitted to DCCEEW in December 2021 to vary Conditions 8 and 10 and to extend the submission due date for the two plans, which was required to:</p> <ul style="list-style-type: none"> <li>- Conduct winter surveys when claypan sites are inundated with water. This is required to define suitability of potential claypan TEC offsets when all plant species are able to be identified.</li> <li>- Conduct spring surveys of potential offset areas.</li> <li>- Provision of time to negotiate and implement land purchases and transfers. This is a complicated procedure and is reliant on a number of external agencies in the process.</li> <li>- Availability of subject matter experts (both private and government).</li> </ul> <p>An initial email response was received following the submission of the Offset Management Plan. On 1 November 2022, DCCEEW advised it was working through the requirements for this plan and that it was aware Main Roads “also have a request for variation concerning this approval”.</p> <p>Main Roads has been advised by DCCEEW that resourcing challenges have caused delays in processing submissions. Despite a number of queries, no advice has been provided as to whether the request to vary the conditions has been granted.</p> <p>On 23 November 2023 DCCEEW advised that the Offset Plan was allocated for review. No further advice has been received from DCCEEW.</p>	Not applicable
Condition 11.	Within 12 months of the securing of any offset area(s) required under conditions 7 to 10 inclusive of this approval, or within 10 business days of determining they are suitable offset area(s) under this approval, whichever occurs first, the approval holder must provide the Department with spatial data in the form of shapefiles which demonstrate the exact location and boundary of the offset area(s) along with information detailing which EPBC Act protected matter/s is/are provided for by the offset.	Awaiting DCCEEW approval of the Offset Management Plan.	Not applicable
Condition 12	All offset area(s) required under the conditions of this approval must be secured, and any rehabilitation or revegetation actions specified within the Offset Management Plan or Land Acquisition and On-ground Management Offset Strategy must be commenced, within 24 months of the commencement of the action.	Awaiting DCCEEW approval of the Offset Management Plan.	Not applicable
Condition 13.	The approval holder must notify the Department in writing of the date of commencement of the action within 10 business days after the date of commencement of the action.	As reported in the ACR (2021-22), the commencement of the action occurred on 24 February 2021, Main Roads notified DCCEEW via email on 26 February 2021.	Compliant
Condition 14.	If the commencement of the action does not occur within 5 years from the date of this approval, then the approval holder must not commence the action without the prior written agreement of the Minister.	Commencement of the action occurred on 24 February 2021.	Not applicable
Condition 15.	The approval holder must maintain accurate and complete compliance records.	Main Roads has maintained records in accordance with this condition and their legal obligations under the <i>State Records Act 2000</i> (Western Australia).	Compliant
Condition 16.	If the Department makes a request in writing, the approval holder must provide electronic copies of compliance records to the Department within the timeframe specified in the request.	A request to provide compliance electronic copies of compliance records has not been received.	Not applicable
Condition 17.	<p>For submissions and publications for plans the approval holder must follow the steps (a) to (d) in Condition 17.</p> <ul style="list-style-type: none"> <li>a. submit plans electronically to the Department;</li> <li>b. unless otherwise agreed to in writing by the Minister publish each plan on the website within 20 business days of the date: <ul style="list-style-type: none"> <li>i. of this approval, if the version of the plan to be implemented is specified in these conditions; or</li> <li>ii. that the plan is submitted to the Minister or the Department if the plan does not require the approval of the Minister but was not finalised before the date of this approval; or</li> </ul> </li> </ul>	All plans have been submitted and published in accordance with Condition 17.	Compliant



Condition number	Condition	Evidence / Comments	Compliance Status
	<ul style="list-style-type: none"> <li>iii. that the plan is approved by the Minister (including plans approved on the date of this decision) or of the date a revised action management plan is submitted to the Minister or the Department, unless otherwise agreed to in writing by the Minister;</li> <li>c. exclude or redact sensitive ecological data from plans that are to be published on the website or provided to a member of the public; and</li> <li>d. keep plans published on the website until the end date of this approval.</li> </ul>		
Condition 18.	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under a plan or the conditions of this approval, is prepared in accordance with the Department's Guidelines for biological survey and mapped data (2018) and submitted electronically to the Department in accordance with the requirements of the plan or the conditions of this approval.	All monitoring, survey, spatial and metadata data has been submitted to the Department in accordance with this approval.	Compliant
Condition 19.	The approval holder must prepare a compliance report for each 12 month period following the date of commencement of the action, or otherwise in accordance with an annual date that has been agreed to in writing by the Minister. The approval holder must include requirements (a) to (e) in Condition 19.	This compliance report has been prepared and submitted to meet this condition. The compliance report, along with previous compliance reports, will be published on the Main Roads website within the specified timeframe.	Compliant
	a. publish each compliance report on the website within 60 business days following the relevant 12 month period;		
	b. notify the Department by email that a compliance report has been published on the website and provide the weblink for the compliance report within five business days of the date of publication. This notification must include documentary evidence of the date of publication of the report;	Main Roads will notify the Department by email that this compliance report has been published on Main Roads website within 5 business days of the date of publication.	Compliant
	c. keep all compliance reports publicly available on the website until this approval expires;	Main Roads will keep all compliance reports under this EPBC approval publicly available on the Main Roads website until this Approval expires.	Compliant
	d. exclude or redact sensitive ecological data from compliance reports published on the website; and	To date no ecological data has been excluded from plans, documents or reports that have been published on the Main Roads Website.	Compliant
Condition 20.	e. where any sensitive ecological data has been excluded from the version published, submit the full compliance report to the Department within 5 business days of publication.	To date no ecological data has been excluded from plans, documents and reports that have been published on the Main Roads Website.	Compliant
Condition 20.	<p>The approval holder must notify the Department in writing of any: incident; non-compliance with the conditions; or non-compliance with the commitments made in plans. The notification must be given as soon as practicable, and no later than two business days after becoming aware of the incident or non-compliance. The notification must include information listed in (a) to (c) of Condition 20.</p> <ul style="list-style-type: none"> <li>a. any condition which is or may be in breach;</li> <li>b. a short description of the incident and/or non-compliance; and</li> <li>c. the location (including co-ordinates), date, and time of the incident and/or non-compliance.</li> </ul> <p>In the event the exact information cannot be provided, provide the best information available.</p>	No incidents or non-compliances with the conditions or commitments made in plans have been known to have occurred during the reporting period.	Compliant
Condition 21.	<p>The approval holder must provide to the Department the details of any incident or non-compliance with the conditions or commitments made in plans as soon as practicable and no later than 10 business days after becoming aware of the incident or non-compliance, specifying information listed in (a) to (c) of Condition 21.</p> <ul style="list-style-type: none"> <li>a. any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future;</li> <li>b. the potential impacts of the incident or non-compliance; and</li> <li>c. the method and timing of any remedial action that will be undertaken by the approval holder.</li> </ul>	No incidents or non-compliances with the conditions or commitments made in plans have been known to have occurred during the reporting period.	Compliant
Condition 22.	The approval holder must ensure that independent audits of compliance with the conditions are conducted as requested in writing by the Minister.	To date, no request for compliance audits has been received.	Not applicable
Condition 23.	<p>For each independent audit, the approval holder must comply with (a) to (c) of Condition 23.</p> <ul style="list-style-type: none"> <li>a. provide the name and qualifications of the independent auditor and the draft audit criteria to the Department;</li> <li>b. only commence the independent audit once the audit criteria have been approved in writing by the Department; and</li> <li>c. submit an audit report to the Department within the timeframe specified in the approved audit criteria.</li> </ul>	To date, no request for compliance audits has been received.	Not applicable
Condition 24.	The approval holder must publish the audit report on the website within 10 business days of receiving the Department's approval of the audit report and keep the audit report published on the website until the end date of this approval.	To date, no request for compliance audits has been received.	Not applicable
Condition 25.	The approval holder may, at any time, apply to the Minister for a variation to an action management plan approved by the Minister under conditions 3 or 4, or as subsequently revised in accordance with these conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a revised action management plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan.	To date, no applications have been made to vary an approved action management plan.	Not applicable
Condition 26	The approval holder may choose to revise an action management plan approved by the Minister under conditions 3 or 4, or as subsequently revised in accordance with these conditions, without submitting it for approval under section 143A of the EPBC Act, if the taking of the action in accordance with the RAMP would not be likely to have a new or increased impact.	To date, no revisions have been made to any approved action management plan.	Not applicable
Condition 27	If the approval holder makes the choice under condition 26 to revise an action management plan without submitting it for approval, the approval holder must:	To date, no revisions have been made to any approved action management plan.	Not applicable



Condition number	Condition	Evidence / Comments	Compliance Status
	a. notify the Department in writing that the approved action management plan has been revised and provide the Department with: <ul style="list-style-type: none"> <li>i. an electronic copy of the RAMP;</li> <li>ii. an electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP;</li> <li>iii. an explanation of the differences between the approved action management plan and the RAMP;</li> <li>iv. the reasons the approval holder considers that taking the action in accordance with the RAMP would not be likely to have a new or increased impact; and</li> <li>v. written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 business days after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the Department.</li> </ul> b. subject to condition 29, implement the RAMP from the RAMP implementation date.		
Condition 28	The approval holder may revoke its choice to implement a RAMP under condition 26 at any time by giving written notice to the Department. If the approval holder revokes the choice under condition 26, the approval holder must implement the action management plan in force immediately prior to the revision undertaken under condition 26.	To date, no revisions have been made to any approved action management plan.	Not applicable
Condition 29	If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the action in accordance with the RAMP would be likely to have a new or increased impact, then refer to (a) or (b) in Condition 29. <ul style="list-style-type: none"> <li>a. condition 26 does not apply, or ceases to apply, in relation to the RAMP; and</li> <li>b. the approval holder must implement the action management plan specified by the Minister in the notice.</li> </ul>	To date, no revisions have been made to any approved action management plan.	Not applicable
Condition 30	At the time of giving the notice under condition 29, the Minister may also notify that for a specified period of time, condition 26 does not apply for one or more specified action management plans.	To date, no revisions have been made to any approved action management plan.	Not applicable
Condition 31	The approval holder must notify the Department in writing of any proposed change to the conditions set out in the Report of the Environment Protection Authority 1682 referred to in these conditions within 2 business days of formally proposing a change or becoming aware of any proposed change. The approval holder must notify the Department in writing of any change to the conditions set out in the Report of the Environment Protection Authority 1682 referred to in these conditions, within 10 business days of a change to conditions being finalised.	A variation to Condition1 of EPBC 2019/8471 and the associated authorised extents and clearing of protected matters (listed below) for the Action was requested by Main Roads to DCCEEW on 18 May 2023 and subsequently approved by DCCEEW on 25 August 2023.	Compliant
Condition 32	Within 30 business days after whichever is the earlier of: <ul style="list-style-type: none"> <li>a. the completion of the action, or</li> <li>b. 60 business days before the end date of the period for which this approval has effect, the approval holder must notify the Department in writing and provide completion data.</li> </ul> If the completion of the action is unlikely to occur before the end date of the period for which the approval has effect, the approval holder must submit to the Department, before the end date of the period for which the approval has effect, a request, in accordance with the requirements of section 145C of the EPBC Act, to extend the period of effect of the approval.	The Action is currently in the construction phase.	Not applicable



## Appendix B

# Black Cockatoo Action Management Plan - Audit Table



**Appendix B: Audit Table for *Black Cockatoo - Action Management Plan (BC-AMP)* required to be implemented in accordance with Condition 3 of EPBC 2019 / 8471.**

Management Plan Reference No.	Management Action	Performance Target	Comments / Evidence	Status
<b>Prior to construction</b> Section 6.1 Table 7	Habitat to be cleared within the area of the Proposal Area will be demarcated in the field to ensure clearing only occurs within the approved clearing area.	<ul style="list-style-type: none"> <li>Avoid direct impacts to Black Cockatoos</li> <li>Avoid clearing outside the approved footprint</li> <li>Reduce clearing of Black Cockatoo habitat to the extent practicable in final design.</li> <li>Preclude potential breeding within the area of the Proposal prior to construction</li> </ul>	SWGA has a detailed ground disturbance and clearing protocol outlined in the <i>SWGA Construction Environmental Management Plan</i> and reflected in the and <i>SWGA Ground Disturbance and Clearing Permit</i> .  This includes demarcation of clearing areas prior to clearing utilising licenced surveyors, and flagging tape applied to survey pegs at intervals based on site conditions.  Prior to clearing, the clearing areas are subject to walk-through inspections involving representatives from all major relevant disciplines (environment, engineering, construction, survey, machine operators, fauna spotters, Aboriginal heritage monitors, independent quality certifiers, client).	Compliant
	The final design will avoid trees with suitable nest hollows where possible.		The final design has avoided trees with suitable nest hollows to the extent practicable. Only one of the three trees identified as containing potentially suitable nest hollows with characteristics for breeding for Black Cockatoos has been cleared. SWGA design teams utilise environmental spatial data, including the locations of the trees with suitable nest hollows for Black cockatoos, and overlay these layers within the CAD systems against the design. Additionally, all design reports and drawings produced undergo an internal environmental review process.	Compliant
	<ul style="list-style-type: none"> <li>Where blocking of the nest hollows cannot be undertaken (e.g., timing, access), a pre-clearing fauna assessment will be undertaken by a suitably experienced person to determine if the hollows are being used by Black cockatoos.</li> <li>Where any of the three trees with suitable nest hollows for Black Cockatoo will require clearing for the Proposal, the hollow will be visually inspected where it is safe and practicable.</li> </ul>		Suitably qualified zoologists / ecologists with prior experience in undertaking Black Cockatoo habitat assessments and hollow inspections undertake pre-clearing assessments  One of the three trees identified as containing potentially suitable nest hollows with characteristics for breeding for Black Cockatoos (ID-4) was cleared on the 28 September 2023. This was inspected prior to clearing and not in use.	Compliant
<b>During construction</b> Section 6.1 Table 7	A suitably experienced zoologist / environmental scientist will be on-site at all times during clearing of breeding habitat for Black Cockatoos and must maintain radio communication with machinery operators.	<ul style="list-style-type: none"> <li>Avoid direct impacts to Black Cockatoos</li> <li>Avoid clearing outside the approved footprint</li> <li>Avoid abandonment of breeding hollows within the Proposal Area</li> </ul>	Suitably qualified zoologists / ecologists with prior experience in undertaking Black Cockatoo habitat assessments and hollow inspections undertake the pre-clearing, during clearing and post clearing assessments.  They have been onsite during all clearing of native vegetation and maintain communication with machinery operators.	Compliant
	<ul style="list-style-type: none"> <li>Where a suitable nest hollow within the area of the Proposal has been blocked prior to the Black Cockatoo breeding season, the tree may be felled as part of the standard vegetation clearing process.</li> <li>Where a suitable nest hollow within the area of the Proposal has not been blocked and the pre-clearing fauna assessment has not identified Black Cockatoo occupation of the nest hollow, prior to clearing the tree, the tree will be 'bumped gently' with a machine with the machine operator and zoologist then to wait and observe the tree for a short time after. If no Black Cockatoo appears to be present, then the tree may be pushed over slowly to minimise risk of injury to any undetected animal (if present).</li> <li>Where suitable nest hollow within the area of the Proposal has not been blocked and the preclearing fauna assessment identifies Black Cockatoo occupation of the nest hollow (which may include chicks (young)), the tree with the nest hollow will not be cleared until after the chick/s have left the nest. No vegetation within 10 m of the tree will be cleared until after the hollow is vacant.</li> </ul>		One of the three trees identified as containing potentially suitable nest hollows with characteristics for breeding for Black Cockatoos (ID-4) was cleared on the 28 September 2023. This was inspected prior to clearing and not in use.  Refer to ACR Appendix D (MS 1155 CAR; and CAR App. E: M6-1 Report) which outlines the methodology used to inspect and manage the tree.	Compliant
	Any Black Cockatoos observed within the Proposal Area showing signs of injury or illness will be promptly taken to an experienced wildlife veterinarian or approved wildlife rehabilitation facility.		No Black Cockatoos have been observed within the Proposal Area showing signs of injury or illness.  SWGA has access to a number of experienced wildlife veterinarians and wildlife carers should they be required.	Compliant
	A post-clearing survey shall be undertaken to ensure no injured Black Cockatoo individuals are present.		Suitably qualified zoologists / ecologists with prior experience in undertaking Black Cockatoo habitat assessments and hollow inspections undertake the pre-clearing, during clearing and post clearing assessments.  They have been onsite during all clearing of native vegetation.	Compliant
<b>Post construction</b> Section 6.1 Table 7	Where space and access allows, revegetation and landscaping of cleared areas within the Proposal Area with suitable endemic native species will be undertaken to provide foraging habitat for Black Cockatoos (excluding 10 m buffer from nearest traffic lane).	Rehabilitation provides suitable foraging habitat within 10 years of completion.	The Proposals design includes revegetation and landscaping of cleared areas within the Proposal area with suitable endemic native species which will provide foraging habitat for Black Cockatoos (excluding 10 m buffer from nearest traffic lane).	Compliant



## Appendix C

# Conservation Significant Fauna Action Management Plan - Audit Table



**Appendix C: Audit Table for Conservation Significant Fauna - Action Management Plan (CSF-AMP) required to be implemented in accordance with Condition 4 of EPBC 2019 / 8471.**

Management Plan Reference No.	Species	Management Action	Performance Target	Comments / Evidence	Compliant
<b>Prior to construction</b> Section 6.1 Table 6-1	<ul style="list-style-type: none"> <li>Western Ringtail Possum (WRP, <i>Pseudocheirus occidentalis</i>)</li> <li>South-western brush tailed Phascogale (BPH, <i>Phasogale tapoatafa</i>)</li> </ul>	Prior to clearing, the final road design will be assessed against the proposed clearing area to ensure the required clearing area is no more than the approved area.	<ul style="list-style-type: none"> <li>Avoid direct impacts to WRP and BPH individuals</li> <li>Avoid clearing outside the approved footprint</li> <li>Reduce clearing of WRP and BPH habitat to the extent practicable in final design</li> <li>Preclude use of refuge sites within the Proposal Area prior to construction</li> </ul>	The road design is significantly below the specified clearing limits for the Proposal, and all clearing is within the Development Envelope. Refer to this ACR, Table 3 and Figures 2-6.	Compliant
		All WRP and BPH habitat that is to be retained within the development envelope will be surveyed and delineated prior to site works to ensure it is conserved.		SWGA has a detailed ground disturbance and clearing protocol outlined in the <i>SWGA Construction Environmental Management Plan</i> and reflected in the <i>SWGA Ground Disturbance and Clearing Permit</i> . This includes demarcation of clearing and exclusion areas prior to clearing utilising licenced surveyors. Prior to clearing, the clearing areas are subject to walk-through inspections involving representatives from all major relevant disciplines (environment, engineering, construction, survey, machine operators, fauna spotters, Aboriginal heritage monitors, independent quality certifiers, client).	Compliant
		No night-time clearing of vegetation will occur.		Normal construction hours are 7am – 5pm, Monday to Friday (excluding Public Holidays). No out of hours work in relation to clearing activities has or will be undertaken.	Complaint
		<ul style="list-style-type: none"> <li>Cleared vegetation will be chipped immediately or transported at least 100 m from WRP and BPH habitat before further processing.</li> <li>Movement / disturbance of clearing stockpiles will be confined to the period one hour after sunrise and /or one hour prior to sunset.</li> </ul>		The clearing process implemented across the project includes the down-sizing and mulching (chipping) of cleared vegetation on the same day that it is cleared; or transportation of the vegetation at least 100 m from WRP and BPH habitat before further processing, where chipping has not been possible.	Compliant
		<ul style="list-style-type: none"> <li>All buildings requiring demolition for the Proposal will be inspected for WRP and BPH for two days prior to demolition works.</li> <li>Where WRP or BPH are observed, or suspected, to be in any building to be demolished attempts shall be made to capture the animal prior to the demolition works commencing.</li> <li>An experienced zoologist / environmental scientist / fauna-spotter will be on-site at all times during the demolition of buildings suspected or observed to house WRP or BPH.</li> <li>Any pest animal baits used in buildings to be demolished will be in bait stations.</li> </ul>		All demolition activities have included a pre-demolition inspection and risk assessment, conducted by a specialised fauna management consultancy (SW Environmental). No WRP or BPH have been recorded prior to or during demolition activities. All pest animal baiting has involved the use of appropriate bait stations.	Compliant
<b>During construction</b> Section 6.1 Table 6-1	<ul style="list-style-type: none"> <li>Western Ringtail Possum (WRP, <i>Pseudocheirus occidentalis</i>)</li> <li>South-western brush tailed Phascogale (BPH, <i>Phasogale tapoatafa</i>)</li> </ul>	<b>Sensitive Clearing Protocols</b> Spotlighting of potential WRP and BPH habitat will be undertaken by a suitably experienced person for two nights immediately prior to clearing.	<ul style="list-style-type: none"> <li>Avoid direct impacts to WRP and BTP</li> <li>Avoid clearing outside the approved footprint</li> <li>Avoid indirect impacts to WRP in adjacent habitat</li> <li>Maintain connectivity between known WRP and BTP habitat areas</li> </ul>	SWGA have engaged highly experienced biologists to undertake the pre-clearing, clearing and post clearing assessments. All engaged Consultants are recognised zoologists or ecologists with prior experience in assessment and management of WRP during construction activities (SW Environmental personnel each have around 20 years' experience in this regard). All clearing of native vegetation including potential WRP and BPH habitat has included pre-clearing nocturnal surveys in the two nights immediately prior to clearing utilising specialised fauna consultants with specific experience in relation to WRP/BPH surveys.	Compliant
		<ul style="list-style-type: none"> <li>Pre-clearing fauna searches shall be conducted immediately prior to and during clearing operations and will include hollows, dreys, ground debris, dense ground-level vegetation, fallen timber and logs.</li> <li>Vacant dreys will be removed prior to clearing where they are accessible.</li> <li>Vacant tree hollows suitable for WPR or BPH will be removed or blocked prior to clearing where they are accessible.</li> </ul>		All clearing of native vegetation has involved specialist fauna consultants with specific experience in relation to WRP / BPH. Components of their daily activities on site are to complete pre-clearing fauna searches, inspect hollows and remove vacant dreys prior to clearing. Refer to ACR Appendix D (MS 1155 CAR; and CAR App. E M6-M7 Reports).	Compliant
		<ul style="list-style-type: none"> <li>If WRP or BPH are observed during clearing operations, the tree containing the animal shall be left for up to 48 hours to allow for the animal to vacate, while clearing continues in adjacent vegetation. If the tree continues to be occupied after 48 hours, the animal will be coerced / moved to a safe area outside of the clearing footprint by the appointed zoologist / environmental scientist / fauna spotter.</li> <li>Trees, as noted above, that are observed to support WRP and / or BPH after 48 hours will be 'bumped gently' with a machine prior to felling. The operator and spotter will wait and observe the tree for a short time. If the animal remains in the tree, it shall be pushed over slowly onto vegetation within the clearing area that is yet to be cleared. The 'soft felling' of habitat trees will provide a 'cushion' for the vegetation being felled, minimising the risk of injury to the animal, and allowing any WRP and BPH present with the opportunity to safely vacate.</li> </ul>		When observed during clearing operations, trees containing WRP or BPH were left for a minimum of 48 hours. Trees observed to support WRP after 48 hours were treated in accordance with the sensitive clearing protocols, and on advice by specialised fauna consultants with specific experience in relation to management of WRP.	Compliant
		<ul style="list-style-type: none"> <li>Felled trees with hollows will be checked immediately for fauna after felling and prior to further processing. If it is not possible to fully inspect the hollow the tree will be left on the ground overnight to allow time for any undetected fauna to vacate.</li> </ul>		All clearing of native vegetation has involved specialised fauna consultants with specific experience in relation to WRP/BPH being present on site during the clearing activities. A component of their daily activities on site is an inspection of trees and vegetation immediately on felling to inspect for fauna.	Compliant



Management Plan Reference No.	Species	Management Action	Performance Target	Comments / Evidence	Compliant
		<ul style="list-style-type: none"> <li>Vacant dreys within felled trees will be destroyed immediately to prevent animals re-entering them.</li> </ul>		If it is not possible or safe to fully inspect the trees, hollows, or vegetation, these are left as a minimum overnight to allow time for any undetected fauna to vacate.	
		A post-clearing survey shall be undertaken immediately following each day's clearing operations and the following morning to identify the presence of any injured animals.		All clearing of native vegetation has involved specialised fauna consultants with specific experience in relation to WRP/BPH being present on site during the clearing activities. A component of their daily activities on site is a post-clearing inspection to review cleared areas, and to identify any potential injured animals.	Compliant
		<ul style="list-style-type: none"> <li>Clearing will be conducted congruent with the habitat clearing categories as detailed in Table 1-2 and shown in Figure 2 (Appendix A).</li> <li>Habitat clearing is to be staged, commencing from existing edge lines / roads, and progressing towards habitat that will be retained to direct WRP and BPH towards these areas as per the proposed clearing staging (Figure 3, Appendix A).</li> </ul>		Clearing has been congruent with the habitat clearing categories and staging.	Compliant
		Possum fencing (temporary and permanent) will be installed adjacent at known habitat areas to exclude WRP and BPH moving onto the road. The fencing will be 1.5 m high and be constructed to prevent possums being able to climb it or dig under it.		The Proposal design reports and drawings include the requirements for installation of fauna fencing in accordance with Appendix A of the CSF-AMP, with installation ongoing within the Proposal area.	Compliant
During construction Section 6.1 Table 6-1	<ul style="list-style-type: none"> <li>Western Ringtail Possum (WRP, <i>Pseudocheirus occidentalis</i>)</li> <li>South-western brush tailed Phascogale (BPH, <i>Phasogale tapoatafa</i>)</li> </ul>	<b>Terrestrial Fauna Handling</b> Fauna handling will only be conducted by a suitably experienced persons i.e., zoologist / fauna spotter.	<ul style="list-style-type: none"> <li>Avoid direct impacts to WRP and BTP</li> <li>Avoid clearing outside the approved footprint</li> <li>Avoid indirect impacts to WRP in adjacent habitat</li> <li>Maintain connectivity between known WRP and BTP habitat areas</li> </ul>	All clearing of native vegetation has involved specialised, qualified and appropriately licenced fauna consultants, with specific experience in relation to WRP/BPH, being present on site during the clearing activities.	Compliant
		<ul style="list-style-type: none"> <li>Any WRP and BPH showing signs of injury or illness will be caught, bagged, and taken to an experienced wildlife veterinarian or approved wildlife rehabilitation facility.</li> <li>If an injured WRP and BPH has not already been captured, then the appointed fauna-spotter must attempt to capture the animal for the purposes of veterinary assessment and treatment.</li> <li>All treatment of injured fauna will be undertaken by a veterinarian.</li> </ul>		During the reporting period; no terrestrial fauna required veterinary assistance. SWGA has access to a number of experienced wildlife veterinarians and wildlife carers should they be required.	Compliant
		<ul style="list-style-type: none"> <li>Where clearing operations abut existing roads, in addition to standard traffic management measures, visual message (VMS) boards will be installed to warn drivers of the potential for fauna to cross the road during clearing operations.</li> </ul>		Vehicle Message (VMS) Boards have been installed where clearing works abut existing roads to notify drivers of the potential for fauna to cross the road, for clearing works abutting roads during the reporting period.	Compliant
		<ul style="list-style-type: none"> <li>Install permanent possum rope bridges / underpasses at key location(s) to enable fauna including WRP and BPH to move between retained habitat areas, see Figure 4 (Appendix A), including but not limited to:               <ul style="list-style-type: none"> <li>Across the existing Forrest Highway to facilitate movement within existing habitat east and west of the highway</li> <li>Across Clifton Road to facilitate movement north to the Brunswick River</li> <li>Across the Proposal Area at the Paris Road interchange to facilitate movement to the Brunswick River</li> <li>At the Picton Boyanup interchange to connect retained vegetation</li> <li>At the Collie, Ferguson, and Preston Rivers to facilitate movement along the riverine vegetation</li> </ul> </li> <li>The final underpass designs will incorporate the following features known to encourage use by fauna and reduce the risk of predation:               <ul style="list-style-type: none"> <li>Connection to nearby habitat via overhead rope hawsers and poles (minimum 2.5 m high)</li> <li>Objects for fauna to shelter on, under or in (furniture) will be locally sourced and will include sand, mulch, logs, and rocks</li> <li>Revegetation using fast growing species at underpass entrances to provide cover for animals approaching, entering, and leaving the underpasses</li> <li>Natural flooring such as sand or gravel</li> </ul> </li> </ul>		The Proposal design reports and drawings include the requirements for installation of possum rope bridges and underpasses in accordance with the requirements of the CSF-AMP.	Compliant



Management Plan Reference No.	Species	Management Action	Performance Target	Comments / Evidence	Compliant
		<ul style="list-style-type: none"> <li>- Possum fencing to direct fauna towards the underpass entrance</li> <li>- Dual-use underpasses will have a concrete substrate and will not contain furniture (furniture would be washed away by drainage flows)</li> </ul>			
		<ul style="list-style-type: none"> <li>• Install possum fence adjacent to known habitat areas to limit WRP and BPH access to the Proposal Area, see Figure 4 (Appendix A).</li> <li>• The possum fence will be 1.5 m high and constructed to prevent WRP being able to climb it or dig under it, congruent with Figure 6 (Appendix A).</li> <li>• The Proposal Area boundary will be fenced according to the detailed design to restrict pedestrian and vehicular access to retained WRP and BPH habitat.</li> </ul>		The Proposal includes the design and installation of fauna fencing in accordance with Appendix A of the CSF-AMP.	Compliant
<b>Prior to construction</b> Section 6.1 Table 6-2	Carter's Freshwater Mussel (CFM, <i>Westralunio cateri</i> )	Inspection of known CFM habitat for CFM individuals. If required, translocation procedures will be developed in consultation with DBCA or the Fisheries Branch of the Department of Primary Industries and Regional Development.	Avoid direct impacts to CFM	<p>Inspections of CFM habitats were completed during the reporting period.</p> <p>Ongoing quarterly monitoring, <i>in situ</i> water quality, and targeted aquatic surveys for CFM have been undertaken.</p> <p>Liaison with DBCA in relation to translocation of CFM has been undertaken where required.</p> <p>Refer to ACR Appendix D (MS 1155 CAR; and CAR App. E: M9 - Reports).</p>	Compliant
<b>During construction</b> Section 6.1 Table 6.2		<ul style="list-style-type: none"> <li>• Design and construction of drainage to maintain surface water flows and groundwater regimes consistent with the pre-disturbance condition (baseline) as far as practicable.</li> <li>• Where possible, initial earthworks in CFM habitat will occur during summer months (Oct-April) when water levels are at their lowest.</li> <li>• Install silt curtains up and downstream of the Collie, Ferguson, and Preston River bridge construction areas.</li> <li>• Long term hydrocarbon storage (i.e., hydrocarbons which shall not be used that day or not stored within equipment waiting to be used) or re-fuelling of equipment (with the exception of stationary plant) will not be permitted within 50 m of CFM habitat.</li> <li>• The Construction Contractor will prepare a Spill Response Procedure for oil, chemical or hazardous material spill events to ensure any spill is contained effectively and cleaned up appropriately and efficiently with approved materials.</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid direct impacts to CFM;</li> <li>• Maintain water quality levels within specified guidelines;</li> <li>• Avoid changes in hydrology from baseline conditions;</li> <li>• Avoid indirect impacts to CFM</li> </ul>	<p>All drainage design is based on maintaining existing flow rates and hydrological regimes.</p> <p>Refer to ACR Appendix D (MS 1155 CAR; and CAR App. E: M9 - Reports).</p> <p>Where possible, earthworks in proximity to CFM habitat has occurred during summer months (October - April).</p> <p>The <i>SWGA Construction Environmental Management Plan</i> contains management measures which have been implemented during the construction phase in relation to:</p> <ul style="list-style-type: none"> <li>• Erosion and sediment controls – including the installation of silt fences and booms. Sediment curtains have been installed in the Collie, Ferguson, and Preston Rivers, and silt fences and other sediment controls installed in the bridge construction areas;</li> <li>• Hydrocarbon management – including restrictions associated with the storage of hydrocarbons within 50 m of waterways, drainage lines and areas prone to flooding; and spill response.</li> </ul>	Compliant
<b>Prior to construction</b> Section 6.1 Table 6-3	Black-stripe Minnow (BSM, <i>Galaxiella nigrostriata</i> )	Not applicable (monitoring activities only).			Not applicable
<b>During construction</b> Section 6.1 Table 6-3		<ul style="list-style-type: none"> <li>• Install a suitable culvert to maintain habitat connectivity for BSM (small watercourse) during construction at the drainage line where it has been located at the southern end of the Proposal. Culverts will be installed prior to any interruption of current surface water flows or fish pathways.</li> <li>• Through detailed design, maintain hydrologic connections between BSM habitat areas to enable fish movement.</li> <li>• Design and construction of drainage to maintain surface water flows and groundwater regimes consistent with the pre-disturbance condition (baseline) as far as practicable.</li> <li>• Where possible, initial earthworks in BSM habitat will occur during summer months (Oct-April) when wetlands are dry and water levels are at their lowest.</li> <li>• Install silt curtains or fences on the banks at bridge crossing point that have adjacent aquatic habitat.</li> <li>• Long term hydrocarbon storage (i.e., hydrocarbons which shall not be used that day or not stored within equipment waiting to be used) or re-fuelling of equipment (with the exception of stationary plant) will not be permitted within 50 m of BSM habitat.</li> <li>• The Construction Contractor will prepare a Spill Response Procedure for oil, chemical or hazardous material spill events to ensure any spill is contained effectively and cleaned up appropriately and efficiently with approved materials.</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid clearing outside the approved footprint</li> <li>• Maintain connectivity between potential BSM habitat areas</li> <li>• Maintain water quality levels within specified guidelines</li> <li>• Avoid changes in hydrology from baseline conditions</li> <li>• Avoid indirect impacts to BSM in adjacent habitat</li> </ul>	<p>Construction activity commenced within the Projects approved BSM footprint in February 2023. The culvert maintains hydrological connections between adjacent BSM habitats.</p> <p>Drainage design is based on maintaining existing surface water flow, flow rates and hydrological regimes.</p> <p>No Project attributable indirect impacts to BSM in adjacent habitats have been observed.</p> <p>Refer to ACR Appendix D (MS 1155 CAR; and CAR App. E: M9 - Reports).</p> <p>Initial earthworks commenced in February of 2023, were paused during winter of 2023 and then recommenced in November 2023 and are ongoing.</p> <p>Sediment controls (e.g. sediment fence), were installed to protect the BSM habitat from potential erosion and sedimentation.</p> <p>Quarterly sampling and monitoring has been undertaken during the reporting period.</p> <p>The <i>SWGA Construction Environmental Management Plan</i> contains management measures which have been implemented during the construction phase in relation to:</p> <ul style="list-style-type: none"> <li>• Erosion and sediment controls – including the installation of silt fences and booms, which have been installed in the construction area adjacent to BSM habitat;</li> <li>• Hydrocarbon management – including restrictions associated with the storage of hydrocarbons within 50 m of waterways, drainage lines and areas prone to flooding; and spill response.</li> </ul>	Compliant



## Appendix D

# Ministerial Statement 1155 - Compliance Assessment Report (2023)

The Compliance Assessment Report (CAR) under MS 1155 for the 2022-2023 reporting period can be accessed via the following link:

<https://www.mainroads.wa.gov.au/globalassets/community-environment/environment/construction-reports/bunbury-outer-ring-road/borr-road-north-and-central-sections-ministerial-statement-1155-compliance-assessment-report-2022-23.pdf?v=4948c8>





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