

Annual Compliance Report

16 May 2023 to 15 May 2024 (Year 1) EPBC 2015/7628 Residential Development, Grampian Drive, Deebing Heights, Queensland

Prepared for Deebing Heights Land Partners Pty Ltd 1 August 2024

Document Control

Document: Annual Compliance Report EPBC 2015/7628 – 16 May 2023 to 15 May 2024 (Year 1), prepared

by Saunders Havill Group for Deebing Heights Land Partners Pty Ltd, dated 1 August 2024.

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EPBC 2015/7628

Acronyms and References

ACR Annual Compliance Report

AWEC Australia Wide Environmental Consultants

DAM Declared Area Map

DAWE Department of Agriculture, Water and the Environment (Commonwealth – former)

DCCEEW Department of Climate Change, Energy, the Environment and Water (Commonwealth)

DOR Department of Resources (Queensland)

EPBC Act Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)

EPSCL Environmental Pre-start Checklist

GHFF Grey-headed flying-fox

ha hectares

ICC Ipswich City Council

km kilometres

LGA Local Government Area

m metres

MNES Matters of National Environmental Significance

OMP Offset Management Plan
OMS Offset Management Strategy

PMAV Property Map of Assessable Vegetation

SEQ South East Queensland SHG Saunders Havill Group

SMP Stormwater Management Plan SRRC Scenic Rim Regional Council

VDEC Voluntary Declaration (under the Vegetation Management Act 1999)

VMA Vegetation Management Act 1999 (Queensland)

WHIMP Wildlife Habitat Impact Mitigation Plan
WPMP Wildlife Protection Management Plan

EPBC 2015/7628 v \$\frac{\fin}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\firk}}}{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\

1. Introduction

The Environmental Management Division of Saunders Havill Group was engaged by Deebing Heights Land Partners Pty Ltd to prepare this Annual Compliance Report (ACR) for the residential development on Grampian Drive, Deebing Heights, Queensland. This report provides an assessment of project compliance with the approval granted under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) (ref EPBC 2015/7628) and is specifically required by Condition 7 of the approval granted on 16 October 2018 (refer **Appendix A**).

The residential development area covers approximately 116 hectares and is located approximately 5 kilometres (km) south of Ipswich City. The project area is described as Lot 218 on SP283121, located at 152-280 Grampian Drive, Deebing Heights. The project area is located within the Ripley Valley Priority Development Area (PDA) and is classified as urban living under the *Ripley Valley Urban Development Area Development Scheme*. The surrounding landscape contains a mixture of cleared agricultural land and vacant bushland, however, adjoining allotments, including those to the north, east and south, are included within the Ripley Valley PDA and are either earmarked for or under development, as are allotments along the western boundary outside of the PDA. The northern boundary of the site adjoins the Centenary Highway and aligned future Springfield-Ipswich rail corridor, the western boundary runs parallel to Grampian Drive and the site is further fragmented by significant easements. Refer to **Figure 1** for the impact area site context and **Figure 2** for a contemporary site aerial.

Under Condition 2 of the approval, a direct impact via clearing to no more than 66 hectares of Matters of National Environmental Significance (MNES) habitat being for *Phascolarctos cinereus* (koala) is permitted, in addition to the functional loss of 16 ha of habitat within the project site. A land-based offset was secured to compensate for significant residual impacts on MNES habitat and is located approximately 12 km south of the impact area within a larger conservation property located in the Scenic Rim Regional Council (SRRC) Local Government Area (LGA) in Peak Crossing, South East Queensland (SEQ).

1.1. Approval details

Frasers Deebing Heights Pty Ltd, as the original Proponent of the Project (ref EPBC 2015/7628) was issued with an approval under the EPBC Act by the former Department of Environment and Energy, now Department of Climate Change, Energy, the Environment and Water (DCCEEW or 'the Department') on 16 October 2018, subject to conditions. On 14 February 2022, the approval was transferred to Deebing Heights Land Partners Pty Ltd. Refer to **Appendix A** for a copy of the EPBC Act approval and transfer of approval documentation. Key details relating to EPBC 2015/7628 are provided in **Table 1**.



Table 1: Approval Details

Commonwealth reference	EPBC 2015/7628	
Approval holder	Deebing Heights Land Partners Pty Ltd	
ACN	656 115 641	
Approval date	16 October 2018	
Expiry date of approval	1 September 2038	
Transfer of approval date 14 February 2022		
Approved action	To construct and operate a mixed use development (including residential, commercial, business and open space) adjoining the Centenary Highway and Grampian Drive, Deebing Heights, Queensland.	
Controlling provision Approved – listed threatened species and communities (sections 18 & 18 / 18 / 18 / 18 / 18 / 18 / 18 /		
Project commencement	16 May 2023	
Reporting period	Year 1 – 16 May 2023 to 15 May 2024	
Address 152-280 Grampian Drive, Deebing Heights, Queensland		
Local government area	Ipswich City Council (ICC)	

1.2. Reporting Period

This ACR details the status and compliance of the Project for the 12 month reporting period between the 16 May 2023 to 15 May 2024.

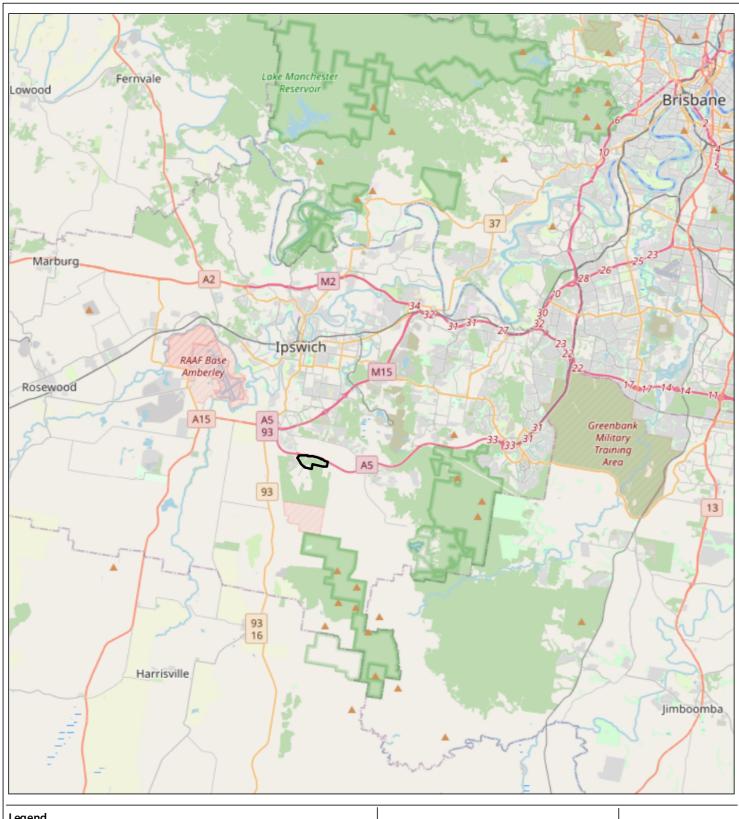
In accordance with Condition 7 of the EPBC Act approval conditions, the ACR must be published on the approval holder's website and notification provided to the Department within sixty (60) business days of the 12 month anniversary of the commencement of the action. The required date of publication is 7 August.

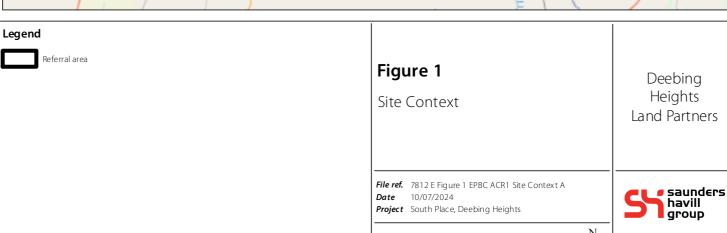
1.3. Overview of Key Activities

The following key activities occurred between 16 May 2023 and 15 May 2024 (Year 1 of Project):

- Clearing of vegetation commenced within the impact area known as Precinct A on 16 May 2023 marking the commencement of the action.
- Progression of clearing works across the majority of impact area in accordance with pre-clearance management protocols and procedures. This included fauna spotter catcher pre-clearance surveys and reporting, inspection and certification of tree protection fencing and environmental pre-start meeting with the approval holder and project contractors.
- Commencement of management and monitoring activities within the offset area including revegetation works, weed management, monitoring of non-native pest species and koalas and firebreak inspections.





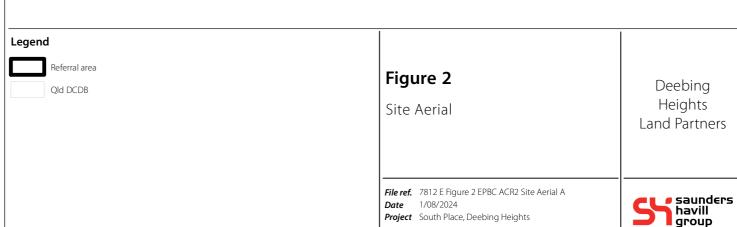


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THESE PLANS HAVE BEEN PREPARED FOR

Layer Source: © State of Queensland 2024

1.4. Declaration of accuracy

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed	n etiulla.
Full name	Murray Saunders
Position	Director
Organisation	Saunders Havill Group
	ABN 24 144 972 949
Date	1 August 2024



1.5. Key Consultants and Roles

Table 2 below is a list of the key appointed contractors and their roles in the Project.

Table 2: Key Consultants and Roles

Role	Company / Appointed Contractor
Approval Holder / Proponent	Deebing Heights Land Partners Pty Ltd
Project Engineer	SMEC
Principal Contractor	CCA Winslow Group
Environmental Coordinator	Saunders Havill Group
Fauna Spotter Catcher / Ecologist	Queensland Fauna Consultancy
Offset Provider	Queensland Trust for Nature



2. Habitat impact management

2.1. Commencement of the action

The action commenced on 16 May 2023 with the commencement of vegetation clearing within the impact area. The Department was notified via e-mail on 18 May 2023. Refer to letter correspondence issued by SHG and signed letter of commencement from the Department at **Appendix B**.

2.2. Vegetation clearing protocol

A pre-clearing protocol is implemented to ensure the Project is compliant with the conditions of the EPBC Act approval. The process to ensure that clearing is completed safely and in accordance with the EPBC Act approval conditions is a multi-step protocol which requires coordination with the relevant parties.

Approvals relating to impacts on ecological matters were collated from Commonwealth, State and Local governments for the project and included several overarching environmental management plans. To streamline pre-start documentation and environmental management authorisations, an Environmental Pre-Start Checklist (EPSCL) was developed for the Project. This checklist was integral to ensuring clearing proceeded within the demarcated limits, suitable fencing was installed across the work area and the necessary checks for threatened fauna were completed prior to the clearing of any vegetation.

Key activities completed to ensure compliance with the relevant conditions of the EPBC Act approval include:

- Installation and maintenance of tree protection and fauna fencing types in accordance with the Vegetation Clearing and Fauna Management Plan (VCFMP) including a mix of orange bunting and barrier mesh fencing (refer **Photo set 1**).
- Pre-clearance survey of clearing areas by the engaged fauna spotter catcher and preparation of preclearance reports including Wildlife Protection Management Plan (WPMP) and Wildlife Habitat and Impact Mitigation Plan (WHIMP).
- Presence of project fauna spotter catcher during all clearing activities and completion of post-works reporting.

The diagram in **Figure 3** illustrates the key steps in this process. After completing the checklist and all required parties sign-off, vegetation clearance activities proceeded under the supervision of the fauna spotter catcher. The completed EPSCL for clearing works undertaken in May 2023 is located at **Appendix C**.



Environmental Coordinator prepare work area document package, source documents required from third parties AND Principal	Environmental Coordinator review clearing extent demarcation AND Fauna Spotter Catcher	Project Engineer and/or Environmental Coordinator advises Environmental Pre-start Checklist ready to be circulated and provides	All Stakeholders Attend environmental pre-start meeting and complete Environmental Pre-start Checklist	Environmental Coordinator issues document package (Environmental Pre-start Checklist and supporting documents)	Clearing work may commence within demarcated limits and under the supervision of Fauna Spotter Catcher
Contractor demarcate clearing extent	undertake pre- clearance survey	supporting documents			

Figure 3: Key steps prior to commencing impact work





Photo Set 1: Temporary fauna friendly tree protection fencing.

2.3. Review of impacts

Vegetation clearing commenced and progressed over the impact site between 16 May 2023 and 25 July 2023. The following impacts were completed within the reporting period:

- Approximately 21.8 ha of vegetation was cleared within the project area (Lot 218 on SP283121).
- Approximately 17.3 ha of MNES habitat for the koala was impacted out of a maximum limit of 66 ha.
 Refer to Plan 1 for a review of impacts to MNES habitat.

The clearing undertaken in Precinct A remains below the maximum clearing limits defined for MNES habitat and measures have been implemented to ensure this is not exceeded *i.e.*, fencing demarcating the clearing extent. All Critical Habitat for Koala requiring retention as per Attachment A of EPBC Approval 2015/7628 (refer **Appendix A**) has been retained.



2.4. Fauna spotter catcher reporting

2.4.1 Pre-clearance

Prior to the commencement of vegetation clearing in Precinct A, Queensland Fauna Consultancy (QFC) undertook on-site fauna surveys, and prepared a Wildlife Protection and Management Plan (WPMP) and Wildlife and Habitat Impact Mitigation Plan (WHIMP). These reports are provided at **Attachment D**. The WPMP contains details of the pre-clearing fauna survey methods and the results of these surveys. The WPMP also includes information on the observed fauna, fauna signs, habitat features found on-site and proposed fauna relocation. The WHIMP includes requirements for fauna fencing, wildlife capture and relocation, aquatic dewatering activities, wildlife contingency planning, and clearing and felling methodologies.

In addition to the measures outlined by QFC in the WHIMP, the vegetation clearing is also required to comply with Part 3 of the *Queensland Nature Conservation (Koala) Conservation Plan 2017*, which specifies sequential clearing procedures, sets a daily vegetation clearing limit of 3 ha of vegetation per day, and details the procedures that need to be followed if a koala is present within the clearing area. The 3 ha daily vegetation clearing limit is monitored on site by ground personnel. Due to the specific requirements relating to the koala, the following techniques were employed by an experienced fauna spotter at the clearance site to ascertain presence/absence status:

- Use of binoculars to inspect the crown, forks and trunk of trees;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by koalas.
- Repeat observations made of single trees from numerous angles at repeated times throughout the clearing activities by the assigned fauna spotter.

Once clearing commences a fauna spotter will accompany each machine providing continuous verification of habitat values and potential identification of undetected koalas ahead of operating plant. This will also account for potentially transient koalas that may enter the site after preliminary investigations are complete. Clearing is also undertaken in a directional manner as specified by the fauna spotter/catcher.

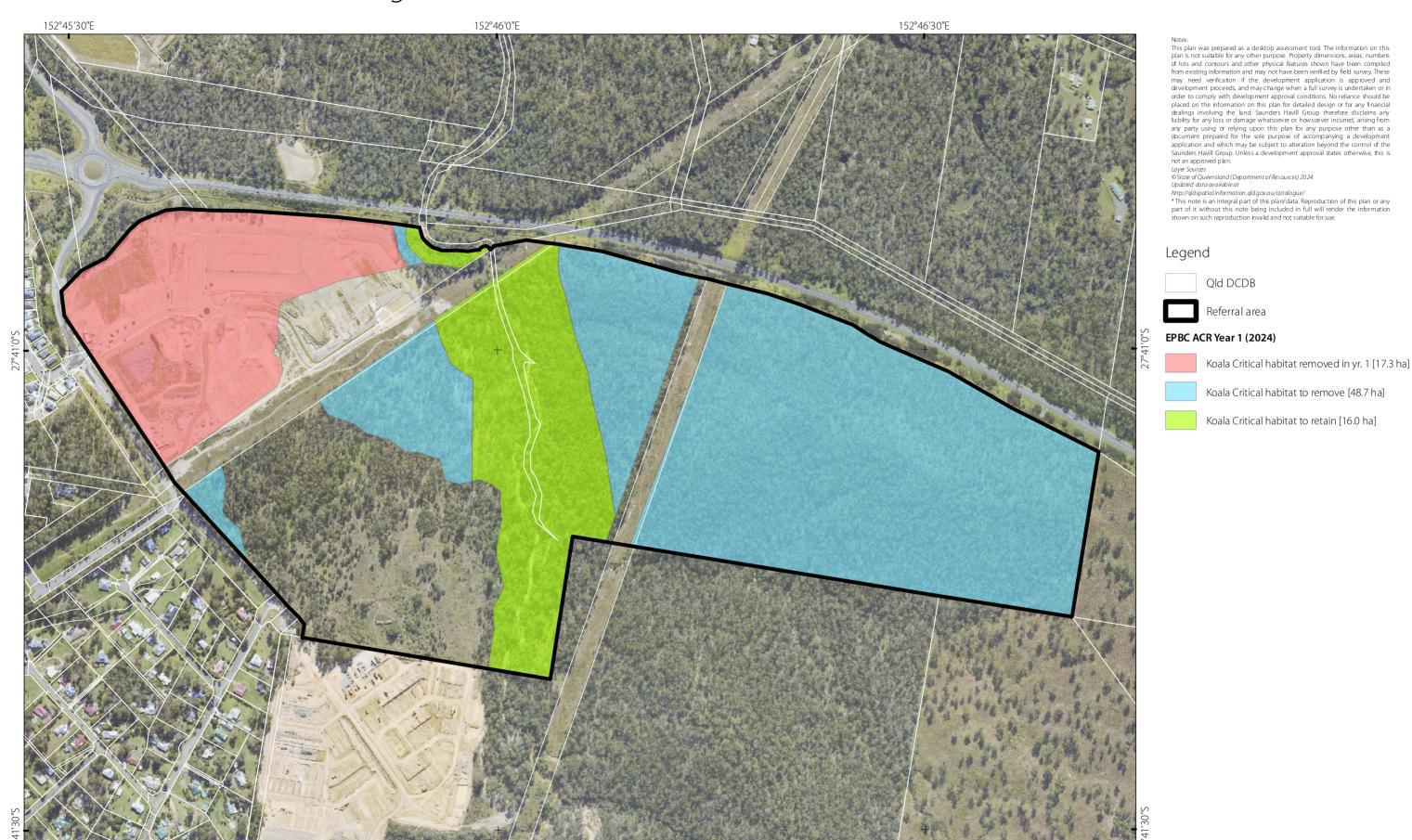
2.4.2 Post-works

A post-clearing services report was prepared by the engaged fauna spotter catcher detailing observed fauna and any implemented mitigation measures or procedures. Refer to **Appendix E** for the fauna spotter catcher post-clearing services reports for May 2023 and September 2023.

During clearing works, observed fauna were mostly limited to common fauna species. No koalas were observed by the fauna spotter catcher during clearing works. No harm occurred to a koala as a result of clearing.



1. ACR Year 1 - Clearing Review



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3. Offset area management

A land-based offset was delivered to compensate for significant residual impacts on MNES being the koala, under Condition 2 of the approval and is located within a larger conservation property located on Mount Flinders Road, Peak Crossing QLD. The offset area pertaining to EPBC 2015/7628 is managed as part of a broader conservation property referred to as 'Koala Crossing' and is 654 ha in size, comprising eight lots; 86, 87, 88, 89 on RP892014, Lot 119 on CH311527, Lot 107 on CH311135, Lot 137 on CH311786 and Lot 138 on CC127 (refer **Figure 4**). The offset area is located within the Scenic Rim Regional Council LGA and is part of the Flinders Karawatha Corridor: the largest remaining contiguous stretch of open eucalypt forest in SEQ (refer **Appendix A**).

To deliver the land-based offset, the Proponent partnered with Queensland Trust for Nature (QTFN) as the third-party environmental offset provider to implement the approved *Offset Area Management Plan EPBC 2015/7628, dated 23 July 2018* (OAMP).

3.1. Offset area legally secured

Under Condition 2a of the approval, the offset area was required to be legally secured prior to commencement of the action. The offset area was legally secured on 22 August 2019 via the Voluntary Declaration process administered under the Queensland *Vegetation Management Act 1999* (VMA). The Chief Executive of the Department of Resources (DOR) declared the offset area in a Declared Area Map (DAM 2018/006548) as an area of high nature conservation value in accordance with section 19F(1) of the VMA. The offset area is shown as Category A on the certified Property Map of Assessable Vegetation (PMAV 2018/003362). The Voluntary Declaration package administered by DOR is provided at **Appendix F**.

3.2. Offset area activities

A range of management measures were implemented by the offset provider on-ground in accordance with the prescribed measures and objectives detailed in the OAMP. These are completed with the purpose of reducing threats to MNES such as koala, improving and creating koala habitat. A summary of management measures implemented across the offset area include:

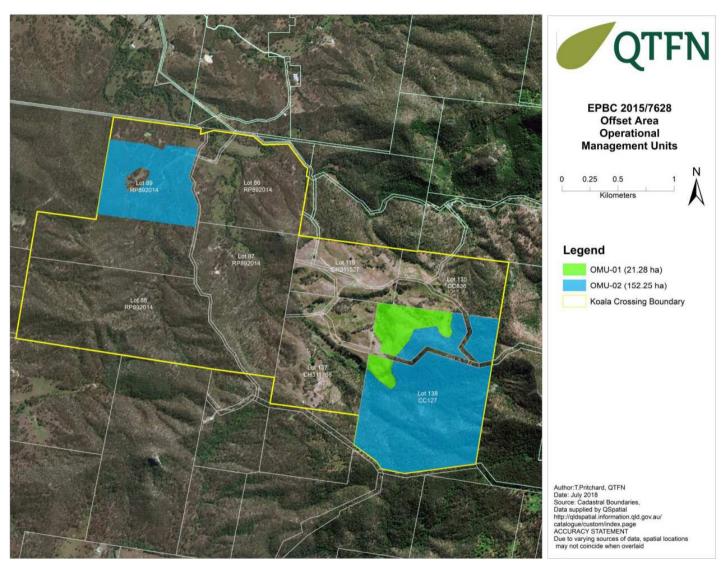
- Installation of koala awareness signage on Mountain Flinders Road to inform traffic of the presence of koalas in the area.
- Commencement of a revegetation program involving the establishment of pre-clearance Regional Ecosystems with koala food and shelter species present in currently cleared areas.
- Baseline assessment of weed infestation levels of Weeds of National Significance (WONS) species such as *Lantana camara* and ongoing weed treatment.
- Baseline feral animal surveys and ongoing surveys, in conjunction with property wide feral animal control using trapping, baiting and shooting techniques.
- Analyses of predator scat and use of remote motion-activated cameras for feral pest animal monitoring and 6 monthly site surveys to record signs of feral animal presence.



- Monthly fire break inspections conducted as per Offset Area Bushfire Management Plan.
- Baseline condition survey of *Phytophthora cinnamomi* and Myrtle Rust undertaken.
- Koala health surveys and ongoing koala disease and pathogen monitoring conducted by QTFN ecologists and ecological consultants.

An Offset Area Management Annual Report completed by the offset provider for Year 1 is provided at **Appendix G** detailing the full scope and timing of management measures completed.





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Figure 4: Offset area and management units (extracted from OAMP)



4. EPBC Act approval conditions compliance table

The EPBC Act approval conditions for the Project are provided in the table below with a description of relevant supporting evidence to support a designation of 'Compliant', 'Non-compliant' or 'Not applicable' against each condition. A copy of the EPBC Act approval and conditions is provided at **Appendix A**.

	ls the project compliant	
`	with this condition?	Evidence / comments
The approval holder must not clear more than 66 hectares of 6 Koala habitat within the project site.	Compliant	Approximately 17.3 ha of MNES habitat for the koala was cleared within the Project area described as Lot 218 on SP283121 within the Year 1 reporting period (16 May 2023 to 15 May 2024).
loss of 16 hectares of Koala habitat within the project site, the approval holder must: a. Legally secure the offset site prior to commencement of the action; b. Within 20 business days of legally securing the offset site, provide the Department with evidence of the date it was legally secured and a shapefile of the offset site; c. Within one year of legally securing the offset site, complete and provide the Department with the results of a: i. baseline Koala density survey; ii. baseline Koala food trees survey; and	Non-compliant – rectified	 a) An Offset Area comprising two Offset Management Units (OMU) totaling to 173.53 ha in size, was legally secured on 22 August 2019 via Voluntary Declaration administered under the Queensland Vegetation Management Act 1999, prior to clearing commencing within the development area (refer Appendix F). b) The Voluntary Declaration package (EPBC 2015/7628) was provided to the Department on 26 of September 2019 shortly after 20 business days of legally securing the offset area. The following events occurred in response to the late notification of the legal security of the offset area: A warning letter for a minor non-compliance due to contravention of condition 2(b) of the approval (EPBC 2015/7628) from the Department was received by the approval holder, dated 16 July 2020.
	Koala habitat within the project site. To compensate for the clearing of 66 hectares and the functional loss of 16 hectares of Koala habitat within the project site, the approval holder must: a. Legally secure the offset site prior to commencement of the action; b. Within 20 business days of legally securing the offset site, provide the Department with evidence of the date it was legally secured and a shapefile of the offset site; c. Within one year of legally securing the offset site, complete and provide the Department with the results of a: i. baseline Koala density survey;	To compensate for the clearing of 66 hectares and the functional Non-compliant – rectified loss of 16 hectares of Koala habitat within the project site, the approval holder must: a. Legally secure the offset site prior to commencement of the action; b. Within 20 business days of legally securing the offset site, provide the Department with evidence of the date it was legally secured and a shapefile of the offset site; c. Within one year of legally securing the offset site, complete and provide the Department with the results of a: i. baseline Koala density survey; ii. baseline Koala food trees survey; and iii. baseline survey of non-native Koala predators;



survey is completed, demonstrate that a statistically



Condition number / reference	Condition	Is the project compliant with this condition?	Eviden	ice / comments
	significant increase in Koala density over the er offset site, compared to the baseline determined by baseline Koala density survey, has been achieved maintained for at least two consecutive years; e. Within seven years of the date the baseline Koala f trees survey is completed, demonstrate achievemer ongoing recruitment of Koala food trees over the er offset site, compared to the baseline determined by baseline Koala food trees survey; and f. Demonstrate a reduction, maintained for consecutive years from the date the baseline surve non-native Koala predators is completed, in the num of non-native Koala predators over the entire offset compared to the baseline determined by the base survey of non-native Koala predators.	the and cood at of the the the the the site,	c)	 On 23 July 2020, the approval holder sent a correspondence to the Department in response to the formal warning explaining that the action had not commenced and that no adverse impacts to protected matters had occurred, and therefore requesting that the Department consider removing the formal warning (refer Appendix H). On 27 July 2020, the Department responded by issuing another correspondence to the approval holder stating that a contravention of condition 2b had still occurred, however, the Department agreed that the formal warning was not warranted and was therefore rescinded by the Department (refer Appendix H). The Department considered the matter closed with no further action required. The baseline koala density survey, baseline koala food trees survey and baseline survey of non-native Koala predators were completed within one year of the offset area being legally secured. The survey results were provided to the Department within the one year required timeframe. The offset area was legally secured on 22 August 2020. SHG sent an email correspondence to the Department containing the baseline survey report on 21 August 2020 to meet Condition 2.c (refer Appendix I for email correspondence and baseline koala assessment report).
			d)	The Year 9 milestone has not occurred.
			e)	The Year 7 milestone has not occurred.
			f)	Predator abundance within the offset area and broader conservation property is being continually monitored as part

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EPBC 2015/7628



Condition number / reference	Condition	Is the project compliant with this condition?	Evidence / comments
			of annual surveys. Predator abundance is quantified using the relative abundance index. Further details are provided in the Offset Area Management Annual Report provided at Appendix G . Over the years since baseline non-native predator abundance (RAI) trended downwards maintaining a stable fox population and declining wild dog population. An increase in activity (occupancy and abundance) was observed in Summer 2022. The cause of this increase is unknown and may be attributed to many factors in the landscape including weather, food availability and surrounding predator management actions. Observations of wild dogs within the offset area are constrained to one camera trap located nearby a dam, which may have contributed to an increase in observed activity. Notably, there has been no evidence of koala-predator interaction was recorded during the reporting period.
	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.	· · · · · · · · · · · · · · · · · · ·	The action commenced on 16 May 2023 with the commencement of vegetation clearing within the impact area. The Department was notified within 10 business days on 18 May 2023 via a letter provided by e-mail correspondence. Refer to letter correspondence issued by SHG and signed letter of commencement from the Department at Appendix B .
4	If commencement of the action does not occur within 5 years from the date of this approval, then the approval holder must no undertake commencement of the action without the prior writter agreement of the Minister.	t	The action commenced on 18 May 2023.
5	The approval holder must maintain accurate and complete compliance records.	e Compliant	The approval holder and contractors coordinate and maintain the record keeping of activities undertaken under the approval.



Condition number / reference	Condition	Is the project compliant with this condition?	Evidence / comments
6	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.		This condition is noted. No requests from the Department for compliance records have been requested.
7	The approval holder must prepare a compliance report for each 12 month period following the date of commencement of the action, or as otherwise agreed to in writing by the Minister. The approval holder must: 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 within five business days of the date of publication; 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. Note: Compliance reports may be published on the Department's website.		 a) The first Annual Compliance Report is due to be published on the approval holder's website by 7 August 2024. b) The department will be notified via email when the compliance report has been published on the website within 5 business days. c) Compliance records will remain publicly available until the approval expires. d) This condition has been noted. e) This condition has been noted.
8	The approval holder must notify the Department in writing of any incident or non-compliance with the conditions. 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 specify: a. the condition which is or may be in breach; and b. a short description of the incident and or non-compliance.		This condition is noted. No incidence of non-compliance actions have occurred.



Condition number / reference	Condition	Is the project compliant with this condition?	Evidence / comments
9	The approval holder must provide to the Department the details of any incident or non-compliance with the conditions as soon as practicable and no later than 10 business days after becoming aware of the incident or non-compliance, specifying: a. any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future; b. the potential impacts of the incident and or non-compliance; and c. the method and timing of any remedial action that will be undertaken by the approval holder.		This condition is noted. No incidence of non-compliance actions have occurred.
10	The approval holder must ensure that independent audits of compliance with the conditions are conducted as requested in writing by the Minister.	Not Applicable	This condition is noted. There has been no request from the Minister for a third-party audit.
11.	For each independent audit, the approval holder must: a. provide the name and qualifications of the independent auditor and the draft audit criteria to the Department; b. only commence the independent audit once the audit criteria have been approved in writing by the Department; and c. submit an audit report to the Department within the timeframe specified in the approved audit criteria.		This condition is noted. There has been no request from the Minister for a third-party audit.
12.	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.		This condition is noted. There has been no request from the Minister for a third-party audit.



■ Annual Compliance Report 2023/2024 – Year 1

Condition number / reference	Condition	Is the project compliant with this condition?	Evidence / comments
13.	Within 20 business days after the completion of the action, the approval holder must notify the Department in writing and provide completion data.	• •	The condition is noted.



5. Appendices

Appendix A

EPBC Act approval

Appendix B

Commencement of the action documentation

Appendix C

Environmental Pre-start Checklist

Appendix D

Wildlife Protection Management Plan (WPMP) and Wildlife Habitat and Impact Mitigation Plan (WHIMP)

Appendix E

Fauna Management and Spotter/Catcher Services Report

Appendix F

Voluntary Declaration package

Appendix G

Offset Management Plan Annual Report (2024) prepared by Queensland Trust for Nature

Appendix H

EPBC Approval 2015/7628 Condition 2b- Legal security of offset site notification to DAWE

Appendix I

Baseline Koala Assessment Report (2019)



Appendix A

EPBC Act approval



APPROVAL

Residential Development, Grampian Drive, Deebing Heights, Queensland (EPBC 2015/7628)

This decision is made under sections 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act). Note that section 134(1A) of the EPBC Act applies to this approval, which provides in general terms that if the approval holder authorises another person to undertake any part of the action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such condition.

Details

Person to whom the approval is granted (approval holder)	Frasers Deebing Heights Pty Limited
ACN of approval holder	107 356 418
Action	To construct and operate a mixed use development (including residential, commercial, business and open space) adjoining the Centenary Highway and Grampian Drive, Deebing Heights, Queensland [See EPBC Act referral 2015/7628].

Approval decision

My decision on whether or not to approve the taking of the action for the purposes of the controlling provision for the action is as follows.

Controlling Provisions

Listed Threatened Species and	Communities	
Section 18	Approve	
Section 18A	Approve	

Period for which the approval has effect

This approval has effect until 1 September 2038.

Decision-maker

Name and position	James Barker
	Assistant Secretary of Assessments and Governance Branch
	Department of the Environment and Energy
Signature	
Date of decision	16 / 10/ 2018

Conditions of approval

This approval is subject to the conditions under the EPBC Act as set out in ANNEXURE A.

ANNEXURE A - CONDITIONS OF APPROVAL

Part A - Conditions specific to the action

- 1. The approval holder must not clear more than 66 hectares of Koala habitat within the project site.
- 2. To compensate for the clearing of 66 hectares and the functional loss of 16 hectares of **Koala** habitat within the **project site**, the approval holder must:
 - a. legally secure the offset site prior to commencement of the action;
 - b. within 20 business days of legally securing the offset site, provide the Department with evidence of the date it was legally secured and a shapefile of the offset site;
 - c. within one year of **legally securing** the **offset site**, complete and provide the **Department** with the results of a:
 - i. baseline Koala density survey;
 - ii. baseline Koala food trees survey; and
 - iii. baseline survey of non-native Koala predators;
 - d. within nine years of the date the baseline Koala density survey is completed, demonstrate that a statistically significant increase in Koala density over the entire offset site, compared to the baseline determined by the baseline Koala density survey, has been achieved and maintained for at least two consecutive years;
 - e. within seven years of the date the baseline Koala food trees survey is completed, demonstrate achievement of ongoing recruitment of Koala food trees over the entire offset site, compared to the baseline determined by the baseline Koala food trees survey; and
 - f. demonstrate a reduction, maintained for 10 consecutive years from the date the baseline survey of non-native Koala predators is completed, in the number of non-native Koala predators over the entire offset site, compared to the baseline determined by the baseline survey of non-native Koala predators.

Part B - Standard administrative conditions

Commencement of the action

- 3. 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.
- 4. If **commencement of the action** does not occur within 5 years from the date of this approval, then the approval holder must not undertake **commencement of the action** without the prior written agreement of the **Minister**.

Compliance records

- 5. The approval holder must maintain accurate and complete compliance records.
- 6. 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.

Note: Compliance records may be subject to audit by the **Department** or an independent auditor in accordance with section 458 of the **EPBC Act**, and or used to verify compliance with the conditions. Summaries of the result of an audit may be published on the **Department's** website or through the general media.



Annual compliance reporting

- 7. The approval holder must prepare a compliance report for each 12 month period following the date of commencement of the action, or as otherwise agreed to in writing by the Minister. The approval holder must:
 - 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** within five **business days** of the date of publication;
 - c. keep all compliance reports publicly available on the website until this approval expires;
 - 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.

Note: Compliance reports may be published on the Department's website.

Reporting non-compliance

- 8. The approval holder must notify the **Department** in writing of any **incident** or non-compliance with the conditions. 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 specify:
 - a. the condition which is or may be in breach; and
 - b. a short description of the incident and or non-compliance.
- 9. The approval holder must provide to the **Department** the details of any **incident** or non-compliance with the conditions as soon as practicable and no later than 10 **business days** after becoming aware of the **incident** or non-compliance, specifying:
 - a. any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future;
 - b. the potential impacts of the incident and or non-compliance; and
 - c. the method and timing of any remedial action that will be undertaken by the approval holder.

Independent audit

- 10. The approval holder must ensure that **independent audits** of compliance with the conditions are conducted as requested in writing by the **Minister**.
- 11. For each independent audit, the approval holder must:
 - provide the name and qualifications of the independent auditor and the draft audit criteria to the **Department**;
 - b. only commence the **independent audit** once the audit criteria have been approved in writing by the **Department**; and
 - c. submit an audit report to the **Department** within the timeframe specified in the approved audit criteria.
- 12. 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.



Completion of the action

13. Within 20 business days after the completion of the action, the approval holder must notify the **Department** in writing and provide completion data.

Part C - Definitions

- 14. In these conditions, except where contrary intention is expressed, the following definitions are used:
 - a. Baseline Koala density survey means a field survey over the entire offset site measuring the number of Koalas per unit area, undertaken by a suitably qualified person using a scientifically robust and repeatable methodology.
 - b. **Baseline Koala food trees survey** means a field survey over the entire **offset site** measuring the number of **Koala food trees**, undertaken by a **suitably qualified person** using a scientifically robust and repeatable methodology.
 - c. **Baseline survey of non-native Koala predators** means a field survey over the entire **offset site** measuring the number of **non-native Koala predators**, undertaken by a **suitably qualified person** using a scientifically robust and repeatable methodology.
 - d. **Business days** means a day that is not a Saturday, a Sunday or a public holiday for the whole of Queensland.
 - e. **Commencement of the action** means the first instance at which clearing of **Koala habitat** either in a single event or cumulatively first exceeds one or more hectares.
 - f. **Completion data** means an environmental report and spatial data information clearly detailing how the conditions of this approval have been met. The **Department's** preferred spatial data format is shapefile.
 - g. **Completion of the action** means the time at which all conditions of approval (except this condition) have been fully met.
 - h. Compliance records means all documentation or other material in whatever form required to demonstrate compliance with the conditions of approval. This includes any documentation or material in the approval holder's possession or that are within the approval holder's power to obtain lawfully.
 - i. Compliance reports means written reports:
 - i. providing accurate and complete details of compliance, **incidents**, and non-compliance with the conditions;
 - ii. consistent with the Department's Annual Compliance Report Guidelines (2014); and
 - iii. include a shapefile of any clearance of any **protected matters**, or their habitat, undertaken within the relevant 12 month period.
 - Department means the Australian Government agency responsible for administering the EPBC Act.
 - EPBC Act means the Environment Protection and Biodiversity Conservation Act 1999 (Cth).
 - Incident means any event which has the potential to, or does, impact on any protected matters.
 - m. **Independent audit** means an audit conducted by an independent and **suitably qualified person** as detailed in the **Department's** *Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines* (2015).

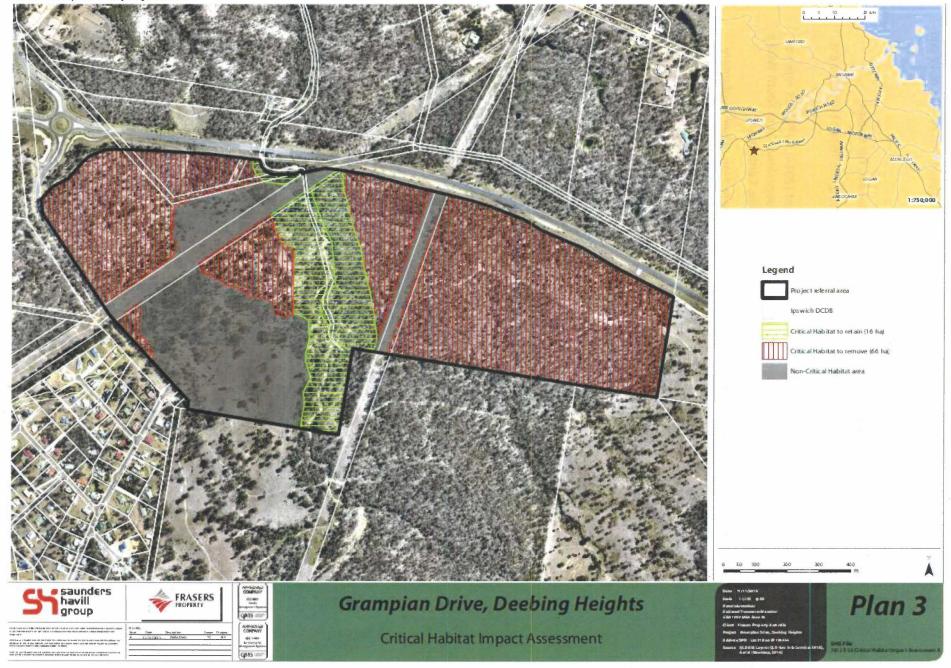


- n. **Koala** means the Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) (*Phascolarctos cinereus* (combined populations of Qld, NSW and the ACT)) listed as a threatened species under the **EPBC Act**.
- o. Koala density means the number of Koalas per unit area.
- p. Koala food trees means any tree known to be part of the normal diet for Koalas.
- q. **Koala habitat** means any vegetation that scores five or more using the habitat assessment tool in Table 4 of the **koala referral guidelines**.
- r. **Koala referral guidelines** means Department of the Environment (2014). *EPBC Act referral guidelines for the vulnerable koala (combined populations of Queensland, New South Wales and the Australian Capital Territory).* Commonwealth of Australia, Canberra.
- s. **Legally secure / secured / securing** means obtain long-term protection under a voluntary declaration as provided for in the *Vegetation Management Act 1999* (Qld).
- t. **Minister** means the Australian Government Minister administering the **EPBC Act** including any delegate thereof.
- u. **Non-native Koala predators** means any animal not native to Australia that is known to predate on **Koalas**.
- v. **Offset site** means the areas, totalling 173.53 ha, designated as 'OMU-01' and 'OMU-02' on the map at Attachment B.
- w. Project site means the area designated as 'project referral area' on the map at Attachment A.
- x. **Protected matters** means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.
- y. Recruitment means new individuals added to an existing population.
- z. **Sensitive ecological data** means data as defined in the **Department's** *Sensitive Ecological* Data Access and Management Policy V1.0 (2016).
- aa. **Statistically significant** means a result that's not attributed to chance, as determined using methodologies and statistical analysis appropriate to the data being analysed.
- bb. **Suitably qualified person** means a person who has professional qualifications, training, skills and/or experience related to the nominated subject matter and can give authoritative independent assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods and/or literature.
- cc. **Website** means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

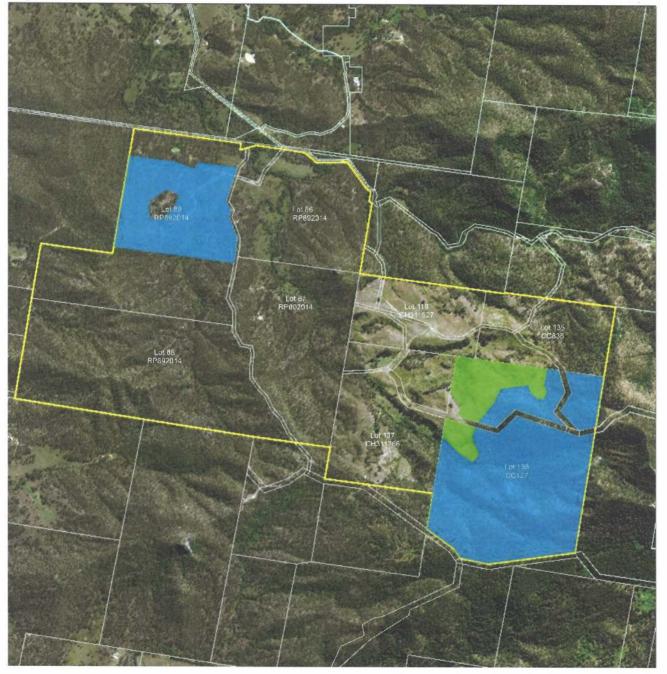
ATTACHMENTS

- 1. Attachment A map of the project site
- 2. Attachment B map of the offset site

Attachment A map of the project site



Attachment B map of the offset site





EPBC 2015/7628 Offset Area Operational Management Units

0 0.25 0.5

Kilometers



Legend

OMU-01 (21.28 ha)

OMU-02 (152.25 ha)

Koala Crossing Boundary

Author,T.Pritchard, QTFN
Date: July 2018
Source: Cadestral Boundaries.
Data supplied by QSpatial
http://glospatial.information.qld.gov.au/
catalogue/custom/index.page
ACCURACY STATEMENT
Due to varying sources of data, spatial locations may not coimide when overlaid



CONSENT TO TRANSFER APPROVAL

Residential Development, Grampian Drive, Deebing Heights, Queensland (EPBC 2015/7628)

This decision is made under Section 145B of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

Transfer decision

Approval (the approved decision)	To construct and operate a mixed use development (including residential, commercial, business and open space) adjoining the Centenary Highway and Grampian Drive, Deebing Heights, Queensland [See EPBC Act referral 2015/7628].
Transferor	Name: Frasers Deebing Heights Pty Limited
(the person from whom the approval is transferred)	ACN: 107 356 418
Transferee	Name: Deebing Heights Land Partners Pty Ltd
(the person to whom the approval is transferred)	ACN: 656 115 641

Person authorised to make decision

Name and position	Peter Blackwell Assistant Director, Post Approvals Section Environment Assessments (Vic, Tas) and Post Approvals Branch Environment Approvals Division
Signature	Peter Blackwill.
Date of decision	14 February 2022

Appendix B

Commencement of the action documentation





Ref: EPBC 2015/7628

Email: EPBCmonitoring@dcceew.gov.au

Amy Westman
Ecologist
Saunders Havill Group
9 Thompson Street
BOWEN HILLS QLD 4006

Dear Amy,

Commencement of the Action – Residential Development, Grampian Drive, Deebing Heights, QLD, EPBC 2015/7628

I refer to your email on 18 May 2023 on behalf of Frasers Deebing Heights Pty Limited notifying the Department of Climate Change, Energy, the Environment and Water (the department) of commencement of the action for the Residential Development, Grampian Drive, Deebing Heights project in accordance with condition 3 of the *Environment Protection and Biodiversity Conservation Act* 1999 (the Act) EPBC 2015/7628 approval.

I note that the action commenced on 16 May 2023.

Annual Compliance Reporting

Conditions of the approval requires the approval holder to prepare an Annual Compliance Report for each 12 month period following the date of commencement of the action. The approval holder must continue to publish each report and notify the department of publication until the expiry of the approval on **1 September 2038.** The reports must be published within 60 business days of every 12 month anniversary of commencement. Documentary evidence of publication must be provided to the department within 5 business days the report is published. For additional information please refer to condition 7 of this approval.

Please notify the department of publication of the reports by email, including the link to where the report is publicly available, to EPBCmonitoring@dcceew.gov.au. Please note the first Annual Compliance Report is due to the department by **8 August 2024.**

When preparing the report please refer to the department's Annual Compliance Report Guidelines available on the department's website at http://www.environment.gov.au/epbc/publications/annual-compliance-report-guidelines

Please note that the conditions of approval require the approval holder to maintain accurate records of all activities associated with, or relevant to, the approval conditions so that they can be made available to the department on request. These documents may be subject to audit and be used to verify compliance. Summaries of audits may be published by the department.

More information about the department's Monitoring and Audit program is available on the department's website at http://www.environment.gov.au/epbc/compliance-and-enforcement/auditing.

Section 142 of the Act requires an approval holder to comply with conditions attached to an approval. Penalties may apply to approval holders who contravene conditions.

If you would like to discuss this matter further, please contact Hannah Brugman at EPBCmonitoring@dcceew.gov.au.

Yours sincerely,

Thomas Long

Assistant Director

Environmental Audit Section

24 May 2023

Appendix C

Environmental Pre-start Checklist Precinct A



Environmental Pre-Start Checklist

	ject Area: Precinct A – Grampian Drive, bing Heights	Date: 1	6 th May	2023							
Civi	l Contractor: CCA Winslow										
Dat	e work is to start: 16 th May 2023										
Dat	e work is to cease: 27 th June 2023				Compliance						
#	Control Measure	Yes	No	N/A	Details						
1	Has a copy of the EPBC Act approval been provided to all relevant parties?				EPBC Act approval (2015/7628) has been provided to all parties. Refer Attachment 1.						
2	Has a Vegetation Clearing Fauna Management Plan (VCFMP) been prepared as per the requirements of the EPBC Act Approval and provided to all relevant parties?				Refer Attachment 2 for endorsed Precinct A VCFMP.						
3	Has a NCA licensed Fauna Spotter Catcher been appointed to be present during all clearing activities?				Refer Attachment 3 for appointed Fauna Spotter Catcher details.						
4	Has the appointed Fauna Spotter Catcher completed the necessary preclearance surveys and prepared a Wildlife Protection and Management Plan (WPMP) and Wildlife and Habitat Impact Mitigation Plan (WHIMP) as per the requirements of the EPBC Act approval?				Refer Attachments 4 & 5 for Fauna Spotter Catcher WPMP and WHIMP.						
5	If the appointed Fauna Spotter Catcher identified any sensitive areas of consideration in clearing methods, please provide a summary. Note: fauna exclusion fencing must be erected around construction areas where necessary.				Refer Attachments 4 & 5 for Fauna Spotter Catcher WPMP and WHIMP.						
6	Has a qualified AQF Level 5 Arborist been appointed to supervise clearing and earthwork activities that will occur within the Tree Protection Zone (TPZ) of trees to be retained?				Refer Attachment 6 for appointed Arborist details. The appointed Arborist will be present and undertake supervision of the clearing in accordance with the VCFMP.						
7	Has an audit report been prepared by the Arborist?				N/A						



Environmental Pre-Start Checklist

8	Have clearing extents been marked out and fenced (tree protection and/or fauna exclusion fencing delineating areas to be cleared vs retained) as per the VCFMP and protected plants exclusion buffer?			Tree protection and/or fauna fencing (where required) has been installed.
9	Have demarcation extents been inspected and signed off?			CCA Winslow carried out an inspection and check of the fencing. Refer to Attachment 7 for the Tree Protection Zone Clearing Limit Report completed by CCA Winslow indicating the fencing is installed in accordance with the VCFMP and protected plants exclusion zone.
10	Has a Protected Plants flora survey been undertaken for the clearing impact area and exemption / permit to clear obtained from DES?			A protected plants flora survey under the NCA was complete. One <i>Melaleuca irbyana</i> was recorded in the southwest corner of the site. A flora survey report was submitted to DES with the findings of the survey. A finalised clearing extent which establishes a 100 metre exclusion buffer around the identified plant was proposed. No impacts to the tree during clearing are to occur as a result. A protected plant clearing exemption was issued by DES and is provided at Attachment 8.
11	Has an Erosion and Sediment Control Plan (ESCP) certified by a RPEQ or accredited CPESC Professional, been prepared and approved?	\boxtimes		Refer Attachment 9 for Erosion and Sediment Control Plan.
12	Sequential clearing of Koala habitat is undertaken in accordance with Part 3 (10) of the <i>Nature Conservation (Koala) Conservation Plan 2017.</i> No more than 3 hectares of Koala habitat can be cleared in any one day and there is a period of 12 hours (i.e., between 6 pm on a day and ending at 6 am on the following day) each day where no trees are cleared to ensure koalas have time to move from the site without human intervention.			Clearing will be completed in accordance with the <i>Nature Conservation (Koala) Conservation Plan 2017.</i> Additionally, clearing will be undertaken under the guidance and supervision of the appointed fauna spotter catchers.



Environmental Pre-Start Checklist

13	Are copies of the VCFMP, WPMP, WHIMP and ESCP available at the Project Site Office?				Copies of the relevant documentation are available in the project site office.
14	Have all contractors, subcontractors and associated personnel been instructed on environmental procedures and controls?				On site pre-start meeting was held with all signatory parties (or their representatives) on 16 th May 2023.
15	Has a pre-start been completed with all relevant parties?				On site pre-start meeting was held with all signatory parties (or their representatives) on 16 th May 2023.
Add	litional requirements or works within rip	oarian co	rridors	and / or	waterwavs
	•				
16	Will works involve clearing within a Fisheries mapped waterway for waterway barrier works? If so, are works compliant with applicable accepted development requirements and / or permits?			\boxtimes	N/A – all works are west of Deebing Creek (high risk waterway for waterway barrier works) and tree protection fencing has been installed to reflect this.

NOTE: if the answer to any question above is NO then the clearing activity will not proceed.



Environmental Pre-Start Checklist

Compliance Awareness

Signing below demonstrates acknowledgement of the environmental pre-start procedures and requirements listed in the checklist above and associated attachments.

Name	Company	Position	Signature	Date
	Moremac Property	Client	Lustavo Pereira	1 - 10 - 10 - 00
Gustavo Pereira	Group	Representative	Natur Peuru	16/05/2023
17'	CCA Winslow	Site Contractor	16-11	
Kieran Hoy				16/05/2023
T ' 77.1	Queensland Fauna	Fauna Spotter	MIN	1.6/05/2022
Jasmine Zeleny	Consultancy	Catcher	Sholaff	16/05/2023
	Treescience	Project Arborist		
E ' 3371 '	SMEC	Project Engineer	Eoin Whitmore	1 5/0 5/0 000
Eoin Whitmore			Cour Manare	16/05/2023
	Saunders Havill	Environmental	4, 1	
	Group	Coordinator	Turn	



Environmental Pre-Start Checklist

Attachment 1 – EPBC Act Approval



APPROVAL

Residential Development, Grampian Drive, Deebing Heights, Queensland (EPBC 2015/7628)

This decision is made under sections 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act). Note that section 134(1A) of the EPBC Act applies to this approval, which provides in general terms that if the approval holder authorises another person to undertake any part of the action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such condition.

Details

Person to whom the approval is granted (approval holder)	Frasers Deebing Heights Pty Limited
ACN of approval holder	107 356 418
Action	To construct and operate a mixed use development (including residential, commercial, business and open space) adjoining the Centenary Highway and Grampian Drive, Deebing Heights, Queensland [See EPBC Act referral 2015/7628].

Approval decision

My decision on whether or not to approve the taking of the action for the purposes of the controlling provision for the action is as follows.

Controlling Provisions

Listed Threatened Species and	Communities	
Section 18	Approve	
Section 18A	Approve	

Period for which the approval has effect

This approval has effect until 1 September 2038.

Decision-maker

Name and position	James Barker	
	Assistant Secretary of Assessments and Governance Branch	
	Department of the Environment and Energy	
Signature		
Date of decision	16 / 10/ 2018	

Conditions of approval

This approval is subject to the conditions under the EPBC Act as set out in ANNEXURE A.

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- 1. The approval holder must not clear more than 66 hectares of Koala habitat within the project site.
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 - b. within 20 business days of legally securing the offset site, provide the Department with evidence of the date it was legally secured and a shapefile of the offset site;
 - c. within one year of **legally securing** the **offset site**, complete and provide the **Department** with the results of a:
 - i. baseline Koala density survey;
 - ii. baseline Koala food trees survey; and
 - iii. baseline survey of non-native Koala predators;
 - d. within nine years of the date the baseline Koala density survey is completed, demonstrate that a statistically significant increase in Koala density over the entire offset site, compared to the baseline determined by the baseline Koala density survey, has been achieved and maintained for at least two consecutive years;
 - e. within seven years of the date the baseline Koala food trees survey is completed, demonstrate achievement of ongoing recruitment of Koala food trees over the entire offset site, compared to the baseline determined by the baseline Koala food trees survey; and
 - f. demonstrate a reduction, maintained for 10 consecutive years from the date the **baseline survey of non-native Koala predators** is completed, in the number of **non-native Koala predators** over the entire **offset site**, compared to the baseline determined by the **baseline survey of non-native Koala predators**.

Part B - Standard administrative conditions

Commencement of the action

- 3. 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.
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 - b. the potential impacts of the incident and or non-compliance; and
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Independent audit

- 10. The approval holder must ensure that **independent audits** of compliance with the conditions are conducted as requested in writing by the **Minister**.
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 - provide the name and qualifications of the independent auditor and the draft audit criteria to the **Department**;
 - b. only commence the **independent audit** once the audit criteria have been approved in writing by the **Department**; and
 - submit an audit report to the **Department** within the timeframe specified in the approved audit criteria.
- 12. 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.



Completion of the action

13. Within 20 business days after the completion of the action, the approval holder must notify the **Department** in writing and provide completion data.

Part C - Definitions

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 - a. **Baseline Koala density survey** means a field survey over the entire **offset site** measuring the number of **Koalas** per unit area, undertaken by a **suitably qualified person** using a scientifically robust and repeatable methodology.
 - b. **Baseline Koala food trees survey** means a field survey over the entire **offset site** measuring the number of **Koala food trees**, undertaken by a **suitably qualified person** using a scientifically robust and repeatable methodology.
 - c. **Baseline survey of non-native Koala predators** means a field survey over the entire **offset site** measuring the number of **non-native Koala predators**, undertaken by a **suitably qualified person** using a scientifically robust and repeatable methodology.
 - d. **Business days** means a day that is not a Saturday, a Sunday or a public holiday for the whole of Queensland.
 - e. **Commencement of the action** means the first instance at which clearing of **Koala habitat** either in a single event or cumulatively first exceeds one or more hectares.
 - f. **Completion data** means an environmental report and spatial data information clearly detailing how the conditions of this approval have been met. The **Department's** preferred spatial data format is shapefile.
 - g. **Completion of the action** means the time at which all conditions of approval (except this condition) have been fully met.
 - h. **Compliance records** means all documentation or other material in whatever form required to demonstrate compliance with the conditions of approval. This includes any documentation or material in the approval holder's possession or that are within the approval holder's power to obtain lawfully.
 - i. Compliance reports means written reports:
 - i. providing accurate and complete details of compliance, **incidents**, and non-compliance with the conditions;
 - ii. consistent with the Department's Annual Compliance Report Guidelines (2014); and
 - iii. include a shapefile of any clearance of any **protected matters**, or their habitat, undertaken within the relevant 12 month period.
 - j. **Department** means the Australian Government agency responsible for administering the **EPBC Act**.
 - k. **EPBC Act** means the *Environment Protection and Biodiversity Conservation Act 1999* (Cth).
 - Incident means any event which has the potential to, or does, impact on any protected matters.
 - m. **Independent audit** means an audit conducted by an independent and **suitably qualified person** as detailed in the **Department's** *Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines* (2015).

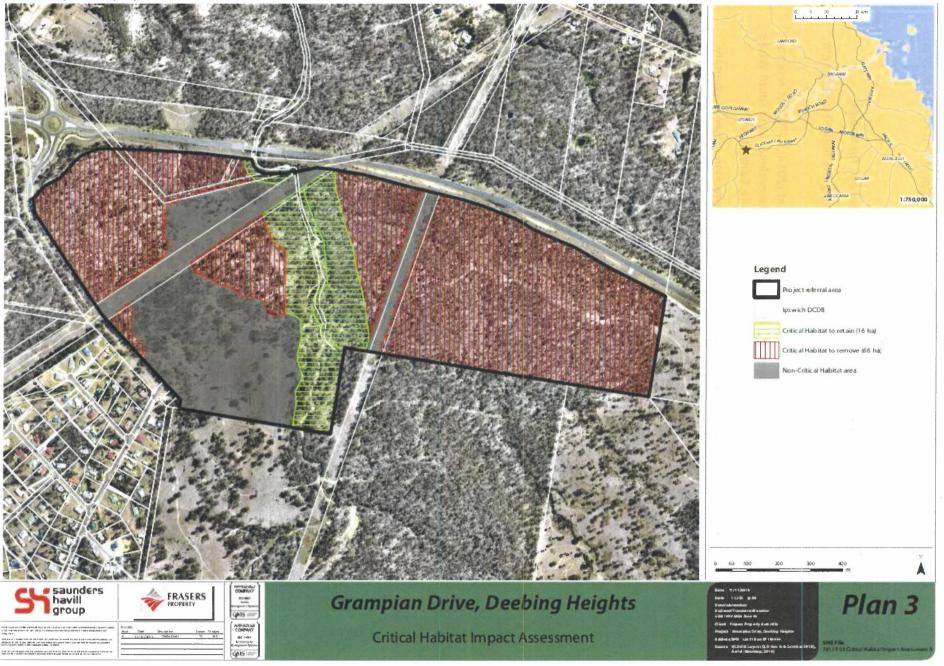


- n. **Koala** means the Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) (*Phascolarctos cinereus* (combined populations of Qld, NSW and the ACT)) listed as a threatened species under the **EPBC Act**.
- o. Koala density means the number of Koalas per unit area.
- p. Koala food trees means any tree known to be part of the normal diet for Koalas.
- q. **Koala habitat** means any vegetation that scores five or more using the habitat assessment tool in Table 4 of the **koala referral guidelines**.
- r. **Koala referral guidelines** means Department of the Environment (2014). *EPBC Act referral guidelines for the vulnerable koala (combined populations of Queensland, New South Wales and the Australian Capital Territory).* Commonwealth of Australia, Canberra.
- s. **Legally secure / secured / securing** means obtain long-term protection under a voluntary declaration as provided for in the *Vegetation Management Act 1999* (Qld).
- t. **Minister** means the Australian Government Minister administering the **EPBC Act** including any delegate thereof.
- u. **Non-native Koala predators** means any animal not native to Australia that is known to predate on **Koalas**.
- v. **Offset site** means the areas, totalling 173.53 ha, designated as 'OMU-01' and 'OMU-02' on the map at Attachment B.
- w. Project site means the area designated as 'project referral area' on the map at Attachment A.
- x. **Protected matters** means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.
- y. Recruitment means new individuals added to an existing population.
- z. **Sensitive ecological data** means data as defined in the **Department's** *Sensitive Ecological Data Access and Management Policy V1.0* (2016).
- aa. **Statistically significant** means a result that's not attributed to chance, as determined using methodologies and statistical analysis appropriate to the data being analysed.
- bb. **Suitably qualified person** means a person who has professional qualifications, training, skills and/or experience related to the nominated subject matter and can give authoritative independent assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods and/or literature.
- cc. **Website** means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

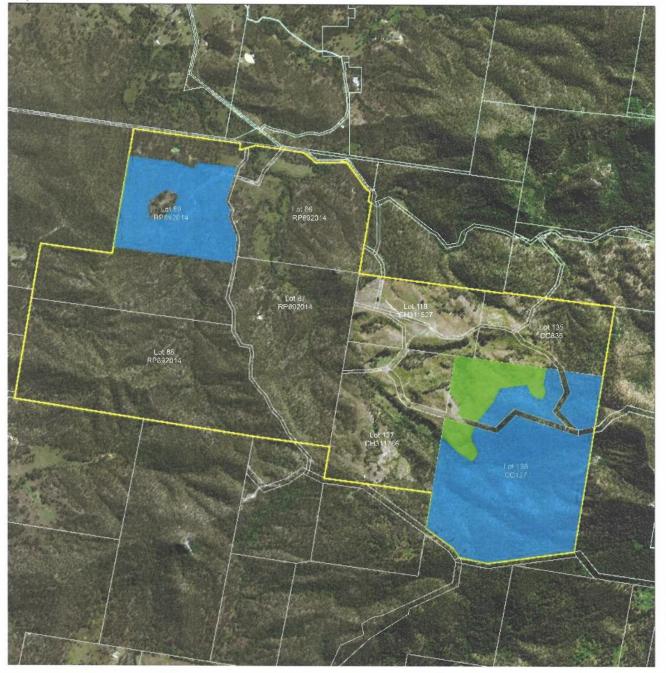
ATTACHMENTS

- 1. Attachment A map of the project site
- 2. Attachment B map of the offset site

Attachment A map of the project site



Attachment B map of the offset site





EPBC 2015/7628 Offset Area Operational Management Units

0 0.25 0.5

Kilometers



Legend

OMU-01 (21.28 ha)

OMU-02 (152.25 ha)

Koala Crossing Boundary

Author:T.Pritchard, QTFN
Date: July 2018
Source: Cadastral Boundaries.
Data supplied by QSpatial
http://gldspatial.information.qld.gov.au/
calalogue/bustom/index.page
ACCURACY STATEMENT
Due to varying sources of data, spatial locations
may not coincide when overlaid

Environmental Pre-Start Checklist

Attachment 2 –Vegetation Clearing and Fauna Management Plan





Vegetation
Clearing &
Fauna
Management
Plan

Precinct A Grampian Drive

by Moremac Property Group

Economic Development Queensland

CONTENTS

7812 E 02 P1 VCFMP J -- Vegetation Clearing Notes
7812 E 03 P1 VCFMP J -- Fauna Management Notes
7812 E 04 P1 VCFMP J -- Detail Sheets Key Plan
7812 E 05-12 P1 VCFMP J -- Detail Sheets
7812 E 13 P1 VCFMP J -- Clearing Direction
Appendix A -- Tree Schedule

Key Site Contacts

Saunders Havill Group

Dr Andrew Davies

Email:



Moremac.

Vegetation Clearing and Fauna Management Plan Vegetation Clearing - Notes

INTRODUCTION

The Environmental Management Division of the **Saunders Havill Group** was engaged by **Moremac Property Group** to prepare a *Vegetation Clearing & Fauna Management Plan* (*VCFMP*) for the removal of vegetation to facilitate works for Precinct A of the Grampian Drive project at Deebing Heights.

The purpose of this *VCFMP* is to manage the vegetation removal process and protection for fauna species during vegetation clearing works as required by **Economic Development Queensland** under the Ripley Valley Development Scheme. The clearing works will follow the general principal for vegetation clearing documented on this sheet and *Sheet 3*.

To better allocate a tree retention and removal status, Ecologists from the **Saunders Havill Group** completed a Stadia-metric tree survey using Trimble Antenna based GPS units. The survey collected the following data on trees within and adjoining the earthworks extent as provided by the project engineer:

- Reference Point and Location
- Botanical Name / Common Name
- Trunk DBH
- AS4970-2009 Tree Protection Zone
- Height and Spread
- Canopy and Trunk Condition Comments
- Fauna and Habitat Values and Details

The tree plot was assessed against the proposed earthworks to determine the removal or retention of each individual specimen.

CLEARING PHASES AND PROCESS

The following stages are required for clearing to be undertaken on this property and a copy of this *VCFMP* must be present with the clearing contractor on-site:

PHASE 1 - Tree Protection Fencing to be installed prior to the commencement of any clearing works on the site. Tree protection fencing is to be located at or beyond 12 x diameter at breast height (DBH) unless approved by an appointed Arborist (level V) around trees designated for retention or as per the locations shown in this drawing package (refer Fencing Note).

PHASE 2 - Pre-start Meeting

Fencing shall be in place at the time of the official pre-start meeting for inspection by Agency Officers.

PHASE 3 - Fauna Inspections and Management

Undertake necessary fauna management requirements prior to clearing works – *Refer Fauna Management Specifications* on *Sheet 3*.

PHASE 4 - Undertake Clearing

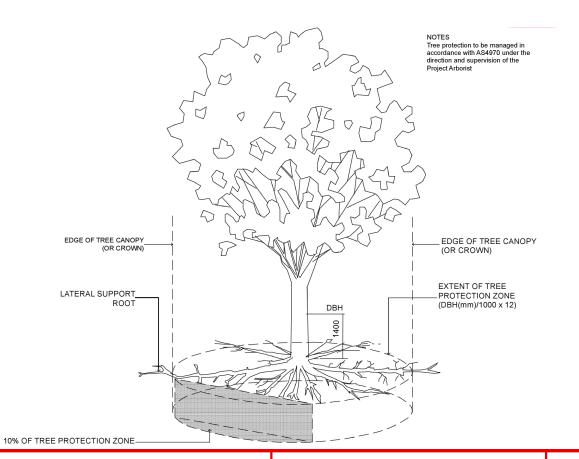
Undertake removal of vegetation once approved for removal by qualified fauna spotter. Clearing will occur in the direction outlined in this *VCFMP* and managed by the

appointed fauna spotter to allow all fauna unimpeded movement away from works areas east into Deebing Creek. The contractor is to follow tree felling directions of any third party (i.e. fauna spotter/project Arborist (Level 5)) on site and stockpile selected material for re-use following completion of contract.

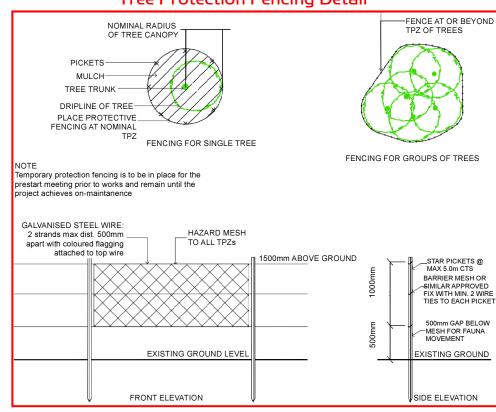
ENTRANCE ROAD & PARK UPDATE: The Project Engineers have advised that there were considerable design oversights by the previous consultant in the road and earthworks

design along the Grampian Drive edge. This has resulted in the significant lifting in the front portion of the site. The constraints dictated by the road along the northern boundary of the park being a bus route and the adjacent roundabout results in workable surrounding road grades of 8-9%. To achieve minimal retaining wall heights and batters no greater than 1 in 4 meant that the park area required significant fill and the removal of the trees in this zone. If these trees are to be retained, the land will need to remain at natural levels which would result in the park not free draining and ponding water. The Project Arborist has reviewed the proposed central park area and tree retention and advised that under these circumstances tree retention is not viable.

It is noted that the earthworks design prepared by Calibre and Landscape plans prepared by Tract for the park in the previous submission to Council would result in trees within the park required to be removed due to the extensive earthworks required in the park to achieve the proposed outcome and to ensure free flowing of runoff from the park



Tree Protection Fencing Detail





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DISCLAIMER:

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CONSERNAL ALL MORNISCHOOLS ON SITTE PROPERTY CONSTRUCTION AND DO NOT SCALE FROM THE DRAWINGS. ALL DIMENSIONS ON BRILLIANT EAST OF CONSTRUCTION AND DO NOT SCALE FROM THE DRAWINGS. ALL DIMENSIONS ARE INMILITEDED. ANY DOCKREAMER'S SHOULD BE CLAREFED IN WRITING WITH SAUNCES.

HAVEL GROUP PORTO TO THE COMMISSIONATION OF WISE.

Moremac Property Group

PROJECT:

Precinct A

environmental management

PLAN OF:

Vegetation Clearing & Fauna

Management Plan

Grampian Drive, Deebing Heights

Date: 25/01/2023 CHECKED: AD

CLIENT REF.: 7812 DRAWN: TC

DRAWNING NO: 7812 E 02 P1 VCFMP J

Vegetation Clearing and Fauna Management Plan Fauna Management - Notes

INTRODUCTION

The Fauna Management specifications on this VCFMP are designed to protect native animals and control/manage impacts during clearing activities for Precinct A of the project. The fauna management specifications and principles incorporated in this VCFMP applies generically to all native animals, focus on avoiding conflicts, and incorporating measures to minimize disturbance. Compliance with this section of the VCFMP is compulsory and incorporates the use of expert consultants including a Fauna Spotter (holding a valid Wildlife Rehabilitation Permit issued by the **Department of Environment and Science**.

FAUNA IMPACTS

Clearing of vegetation provides an obvious source of impact to existing habitat and animal safety. More specifically the existing vegetation provides habitat, movement and protection opportunities for some fauna through both regrowth and canopy trees. These opportunities are to be altered during and post site clearing works.

CLEARING IMPACTS

- Direct removal of site vegetation
- Loss of habitat
- Noise, vibration and dust
- Erosion and sedimentation
- Threats associated with open cuts etc. and fauna entrapment

Fauna Management Schedule

1.0 PRE	CLEARING			
Ref:	Management Item	Responsibility	Timing	Reporting
1.1	TEMPORARY FENCING Prior to the commencement of works and to be inspected by EDQ or the site Environmental Coordinator AS 9470 Temporary Protection Fencing shall be installed around the 'Tree Protection Zone' designated for retention around the basin works area (as per detail sheets). Fencing shall be fauna friendly No clearing, stockpiling, site access, earthworks, storage, etc. is to occur within the temporary protection fencing. Only approved weed management works to occur within the temporary protection fencing Fencing to be reinstated immediately if damaged or knocked down, any damage to retained trees to be immediately reported to Project Arborist (Level 5). Fencing to remain until the completion of all site bulk earthworks.	SITE SUPERVISOR	Prior to the commencement of construction	Inspected by EDQ or the approved environmental site coordinator
1.2	CONTRACTOR EDUCATION & AWARENESS All site contractors and subcontractors will be made aware of their responsibilities to protect native fauna. The Fauna Management notes on this VCFMP is provided as a working document to assist on-site management and protection of native animals. This generally will form part of education and training on a broader work place health and safety but as a minimum will include: Copy of VCFMP kept on-site (Site Office). General education and awareness notification of contractors and sub-contractors involved in activities potentially impacting native animals as part of site induction – contractors must know the location of the VCFMP, key phone numbers and who to report to if they breach the VCFMP. A list of relevant contact phone numbers as listed on these drawings is kept in a visible and accessible location in the site office	SITE SUPERVISOR / THE PROPONENT	Prior to the commencement of construction and as part of the site induction for new staff and sub-contractors	SITE SUPERVISOR
2.1	SPOTTER / RELOCATOR Immediately prior to the commencement of clearing of native vegetation a daily visual inspection of the area must be carried out by the fauna spotter-catcher. Furthermore, the fauna spotter-catcher is to be present on site during all clearing operations to supervise and direct clearing works, and to respond to any situations that may arise in relation to fauna. In the event of an animal being located, an area of 5m radius should be established around the tree excluding machinery from the area until the animal has relocated (usually overnight). If an animal requires relocating this must be undertaken by a suitable qualified fauna expert recognized by the Department of Environment & Science. For some fauna a permit will be required. If vegetation is left stockpiled overnight, the Fauna Spotter-Catcher must inspect the vegetation prior to chipping or removal from site. Any native fauna orphaned or injured by the development process must be reported to the Department of Environment & Science (1300 130 372) or RSPCA (1300 264 625). The Site Supervisor is responsible for the safe management of site fauna and implementation of these specific fauna requirements SPECIFIC KOALA MANAGEMENT NOTES A Koala Spotter is a person who holds a tertiary qualification in Biology or Zoology, or who is demonstrably experienced in the identification and location of Koalas in their natural habitat. For example, a koala keeper employed by a licensed Wildlife exhibitor (i.e. a zoo) may be capable of demonstrating competence in locating Koala's. Prior to the commencement and during felling operations, it is the responsibility of the Koala spotter to be present at the site of felling operations identify any tree at the site within which a Koala is present, as well as any tree that has a crown which is intermeshed or overlapping with such a tree; and advise the person who is authorised to conduct the felling operation, or that persons' representative, of the precise location of each such tree Management Item. CLEARI	SITE SUPERVISOR	Prior to the commencement of construction	Inspected by EDQ or the approved Environmental Site Coordinator







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CONFIRM ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION AND DO NOT SCALE FROM THE DRAWINGS. A
DIMENSIONS ARE IN MILLIMETRES. ANY DISCREPANCES SHOULD BE CLARFIED IN WRITING WITH SAUNDER!
HAVILL GROUP PRIOR TO THE COMMENCEMENT OF WORK.

TENCES:

 KAMENDMENTS:
 Check
 Check

 Suse
 Date
 Description
 Check

 C
 11/07/2017
 Basin ammended
 AL

 E
 9/05/2018
 Sewer ammended
 AL

 F
 20/12/2018
 ICC Approval
 AL

CLIENT:

Moremac Property Group

PROJECT:

Precinct A
Grampian Drive, Deebing Heights

Environmental management

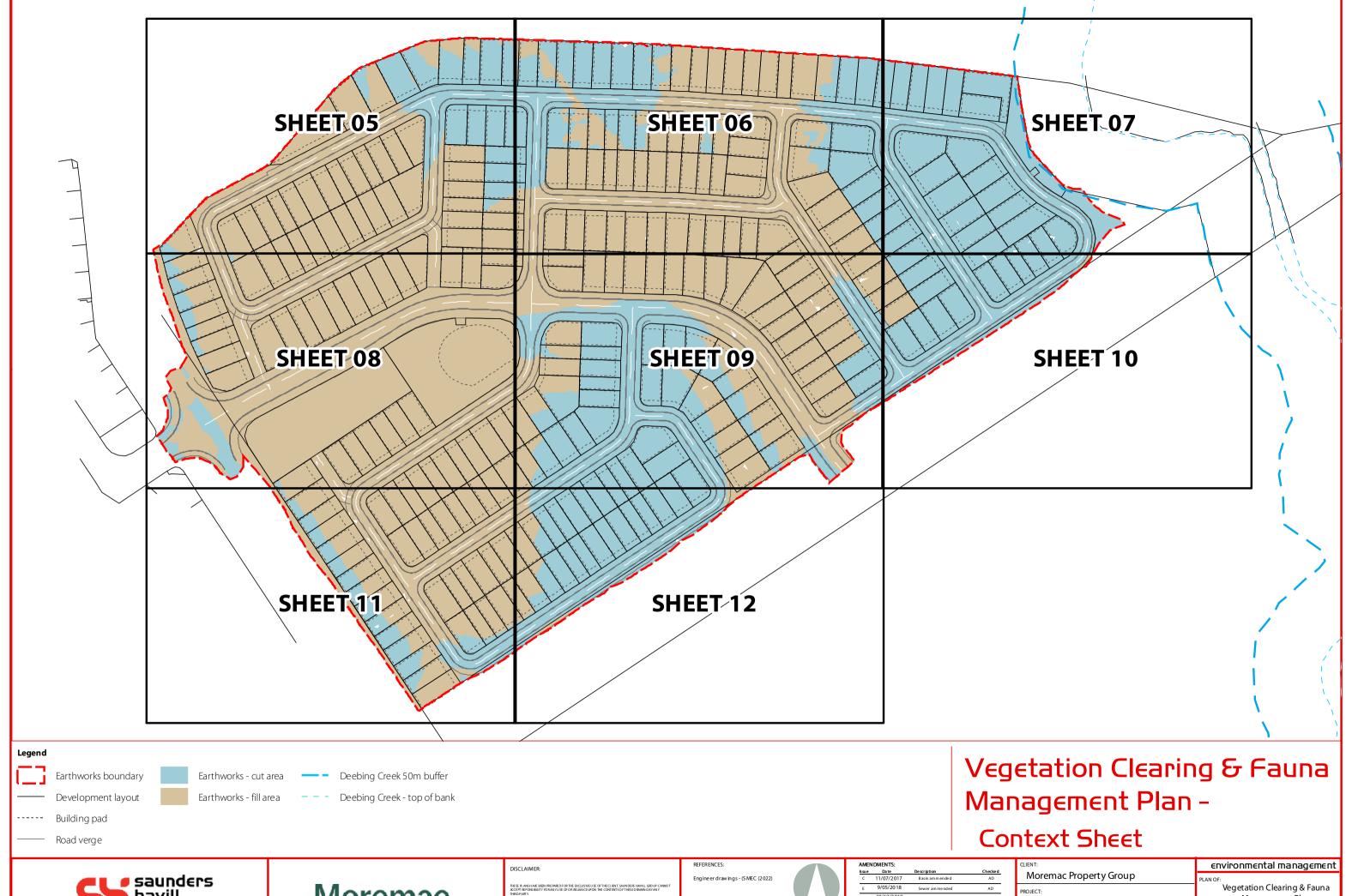
PLAN OF:

Vegetation Clearing & Fauna

Management Plan

DATE: 25/01/2023 CHECKED: AD

CLIENT REF: 7812 DRAWN: TC



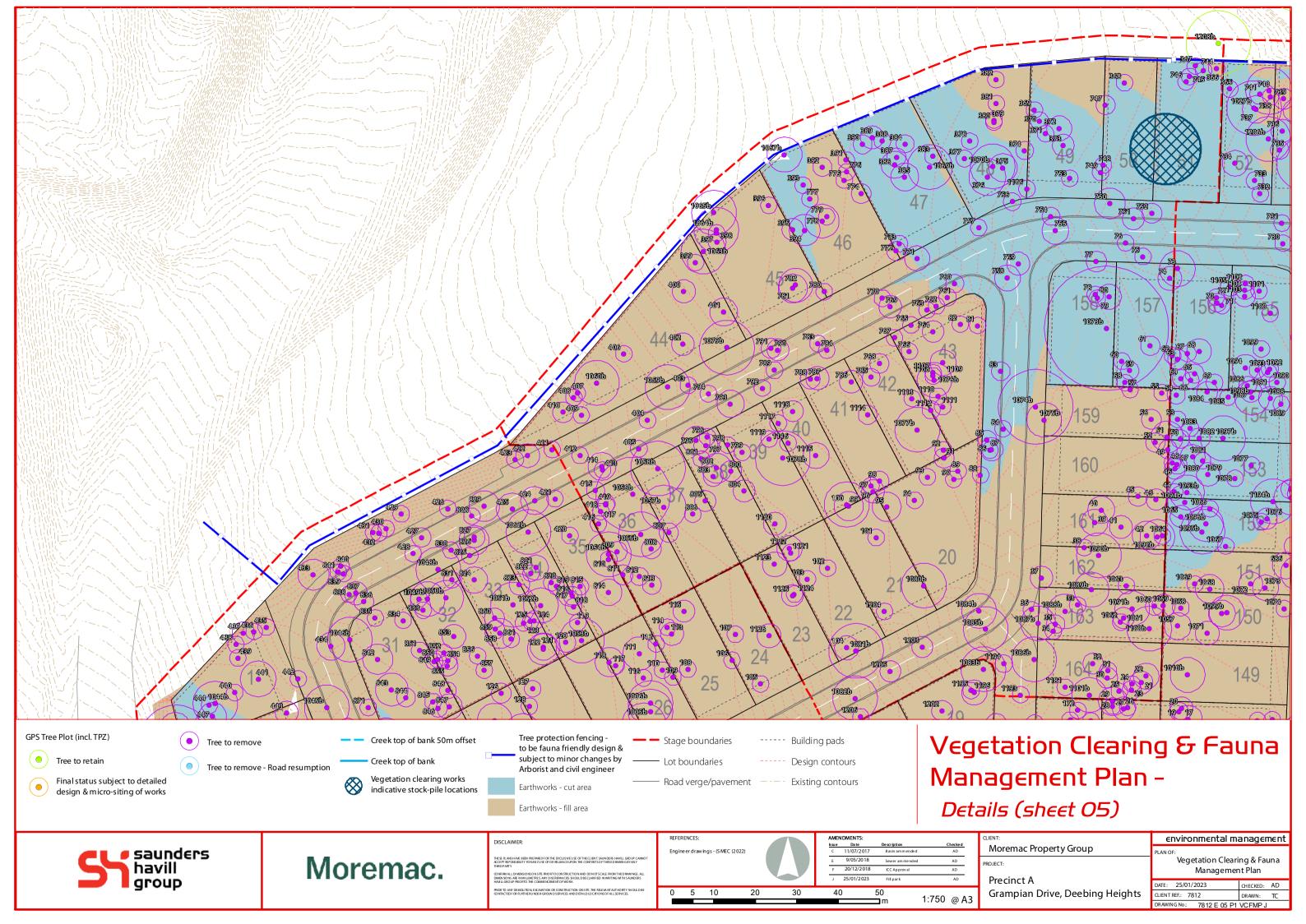
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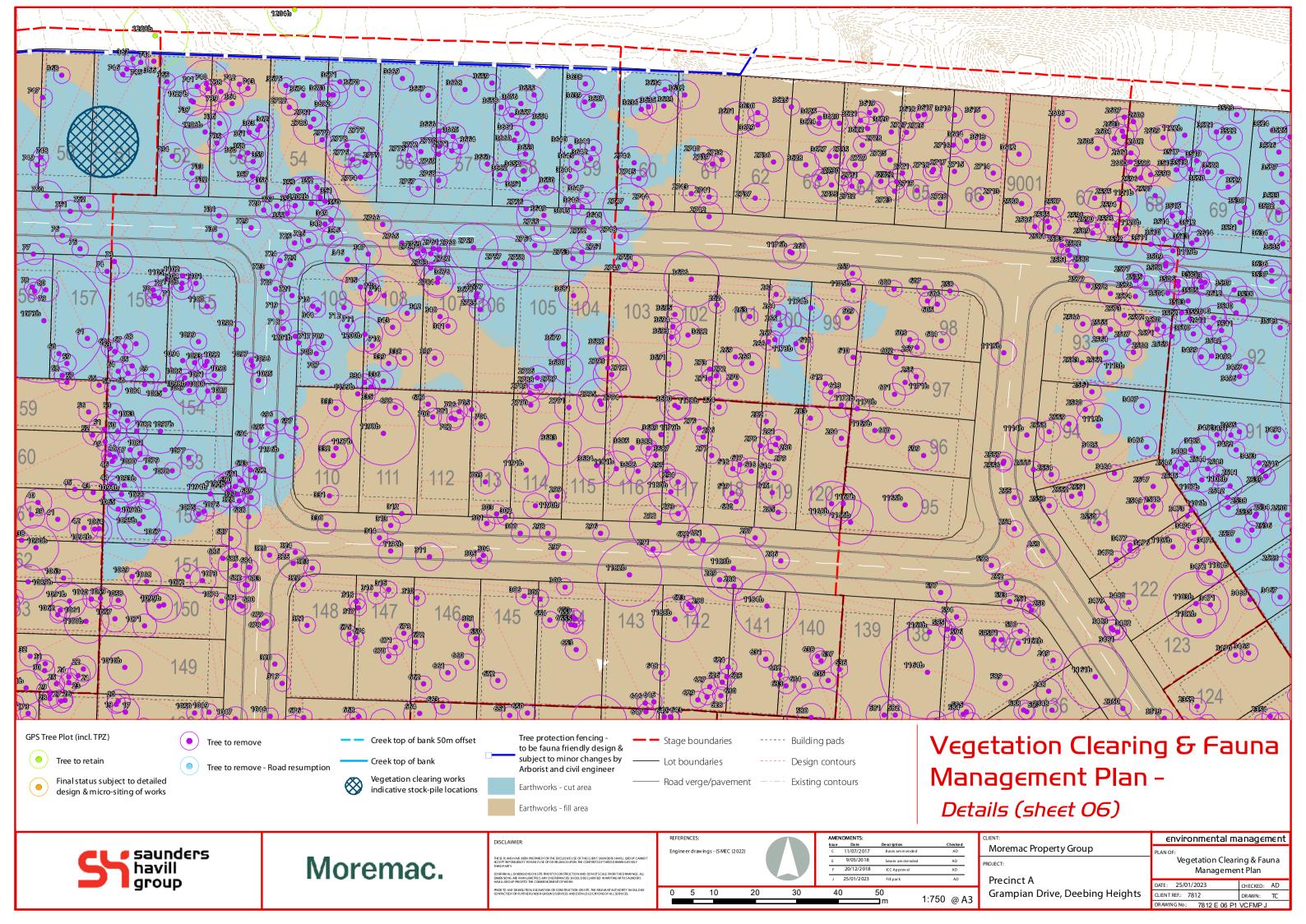
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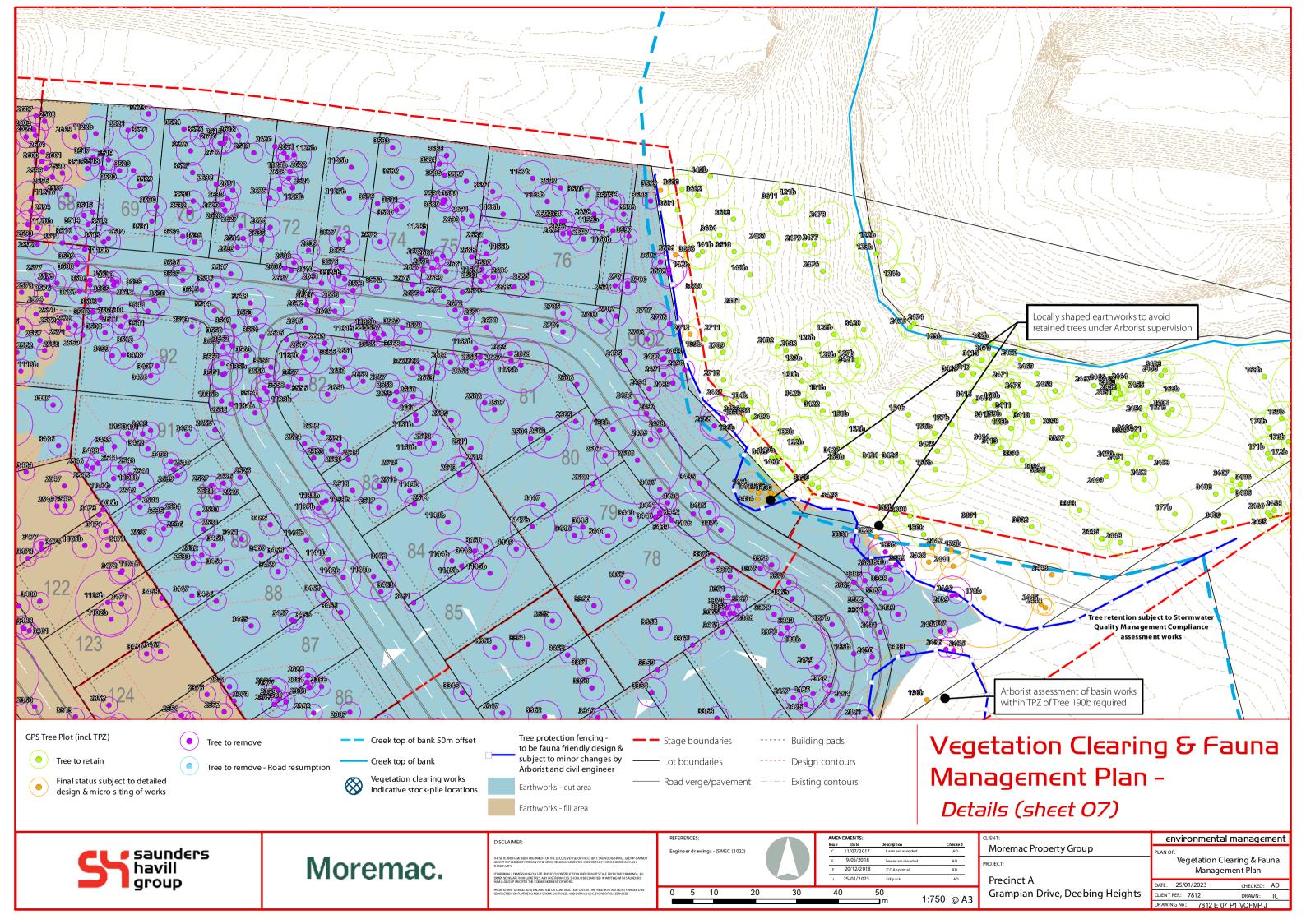
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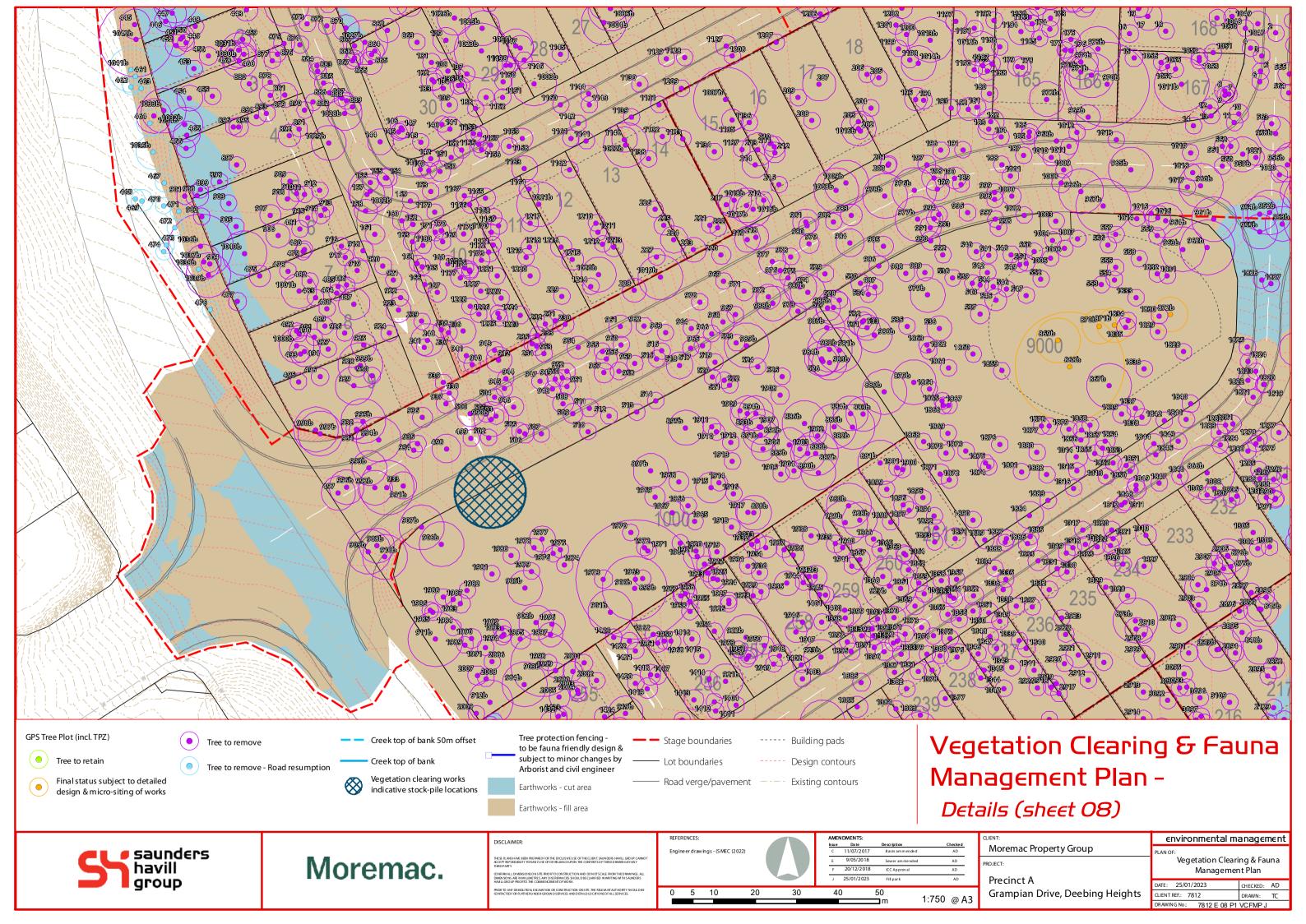
Grampian Drive, Deebing Heights 1:2,400@A3

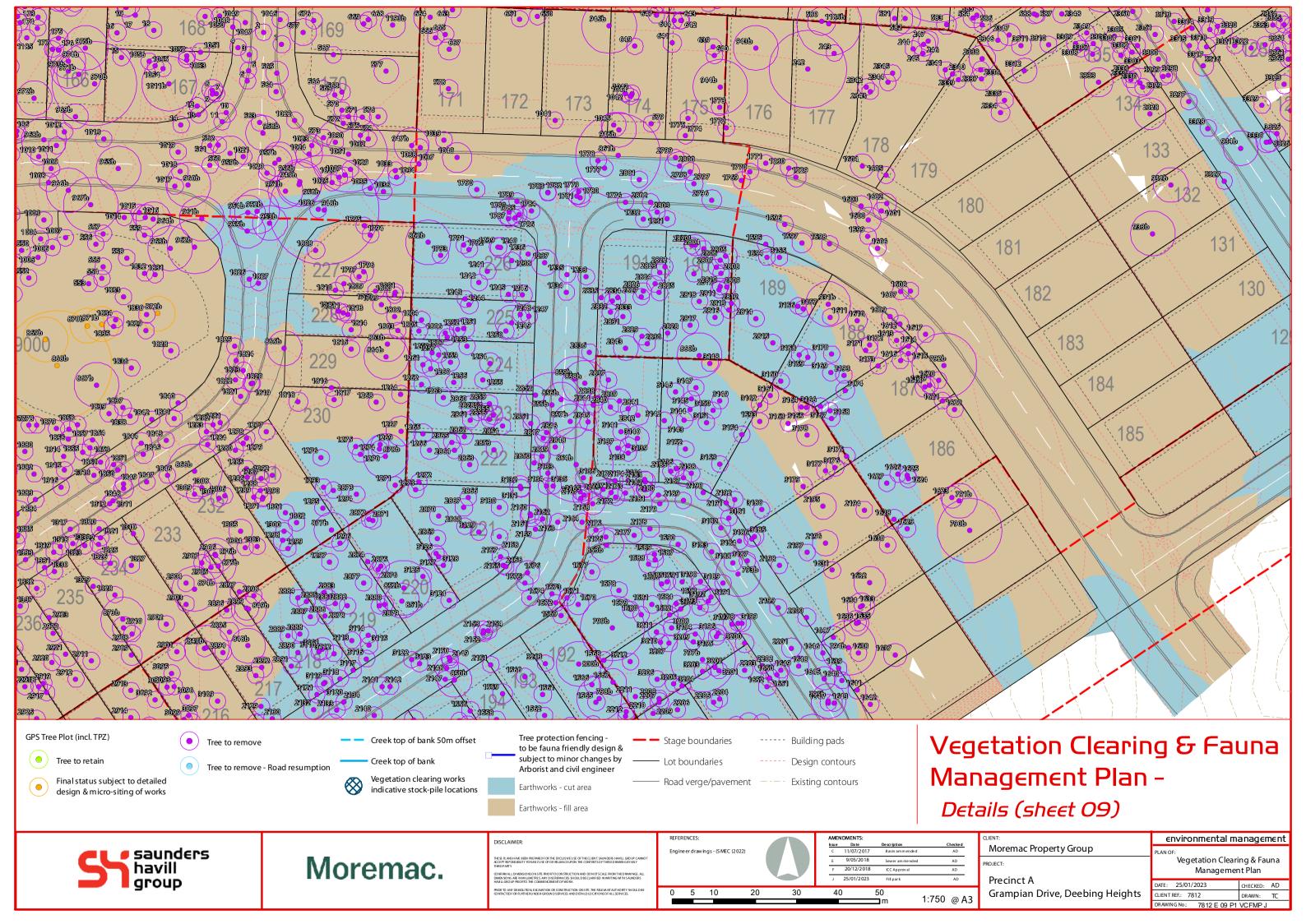
Vegetation Clearing & Fauna Management Plan CLIENT REF.: 7812

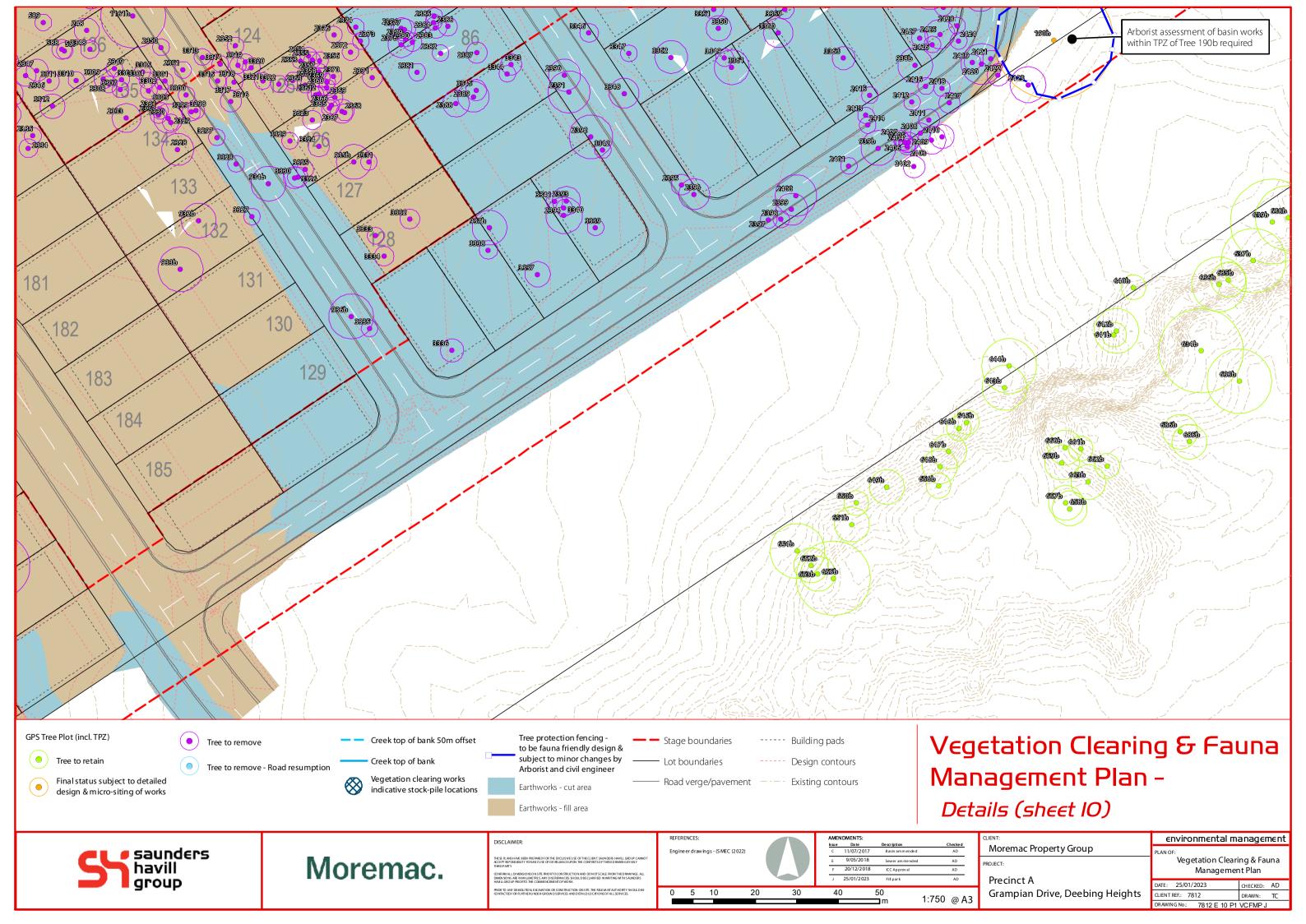


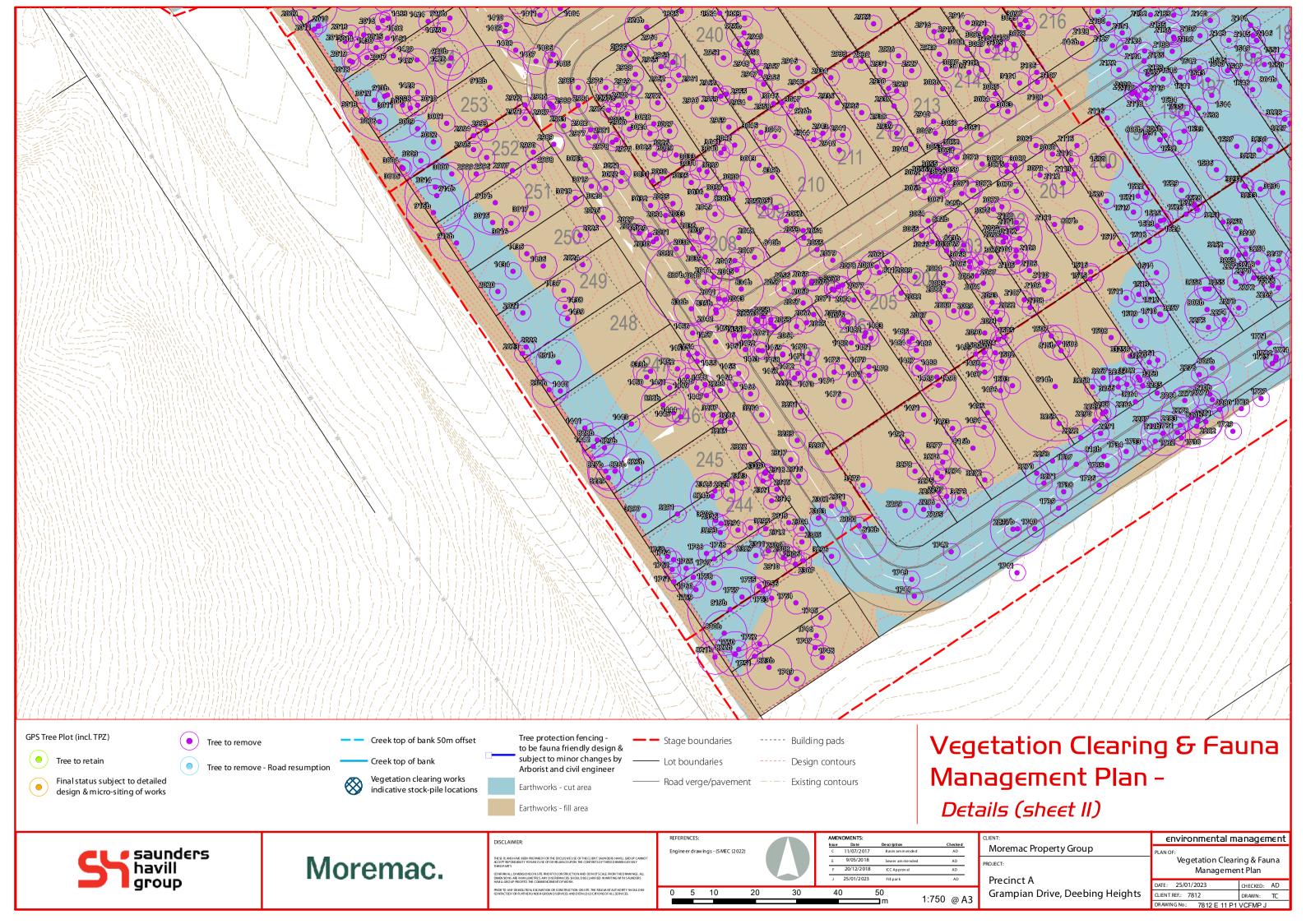


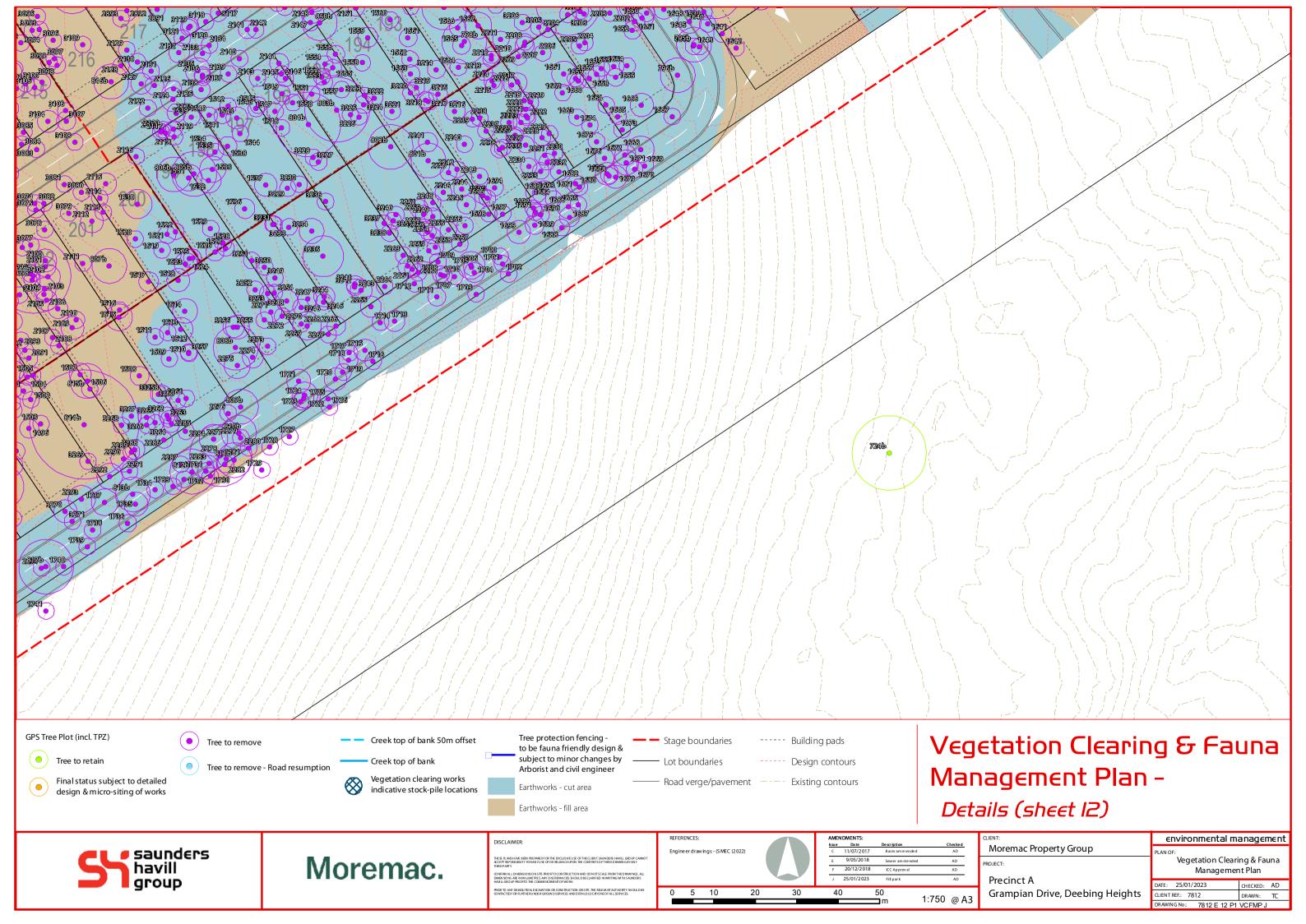


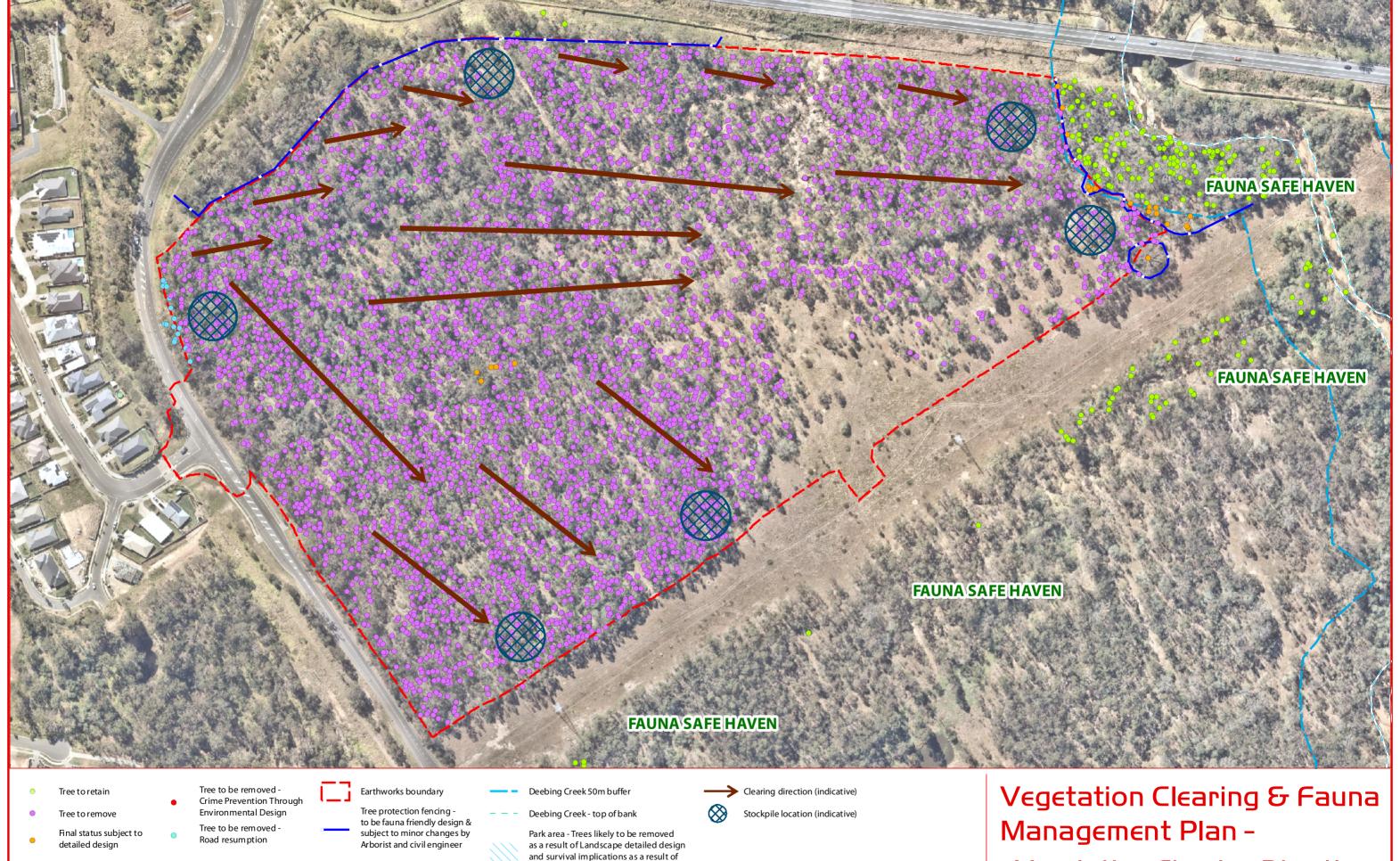












prevailing earthworks

Vegetation Clearing Direction



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DISCLAIMER:

REFERENCES:					A
Engine er drawing:	s - (SMEC (2	022)			
					-
0 10 20	40	60	80	100	12

П	AM	ENDMENTS:		
	ls su	e Date	Description	Checke d
١	c	11/07/2017	Basin amm en ded	AD
Н	E	9/05/2018	Se we r a mm en ded	AD
	F	20/12/2018	ICC Approval	AD
	J	13/03/2023	Fill park	AD
	120	140	160	

Moremac Property Group Grampian Drive, Deebing Heights environmental management Vegetation Clearing & Fauna Management Plan

 CLIENT REF:
 7812
 DRAWN:
 TC

 DRAWING No.:
 7812 E 13 P1 VCFMP J



Tree Schedule VCFMP I (Part A) 7812 Grampian Drive, Deebing Heights (Frasers Property Limited) 16/12/2022

	Sį		Canopy Details								nk Detail	S			ŀ	labitat Detai	ils							
												T												
Tree No.	Botanical Name	Common Name	Height (m)	Spread (m)	(ww)	Typical	One - sided	Thinning	Die-back	Epicormic	Spreading	Lopped	Seeding	Lean	Vines	Typical	Birds	Scats	Scratches	Hollow/s	Nest	Termites	Habitat Tree	Retention status
121b	UCALYPTUS crebra	Narrow-leaved Ironbark	14	6	350	Typical	-	-	-	-	Spreading	1-1		-	-	Typical	-	-	-	-	-	-	-	Retain
122b	UCALYPTUS tereticornis	Forest Red Gum	16	12	450	Typical	-	Thinning	-	1	-	-		Leaning	-	Typical	-	-	-	-	-	-	-	Retain
123b	UCALYPTUS tereticornis	Forest Red Gum	16	10	400	Typical	-	Thinning	-	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Retain
124b	UCALYPTUS tereticornis	Forest Red Gum	18	12	1 x 250,1 x 350	Typical	-	Thinning	Die-back	-	-	-	-	-	-	Poor	-	-	-	-	-	-	-	Retain
125b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	16	450	Typical	-	-	-	i	Spreading	-	-	-	-	Typical	-	-	-	-	-	-	-	Retain
126b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	16	450	Typical	-	-	-	i	Spreading	-		-	-	Typical	-	-	-	-	-	-	-	Retain
127b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	12	450	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	-	-	-	-	-	Retain
128b	UCALYPTUS tereticornis	Forest Red Gum	16	10	400	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	-	-	-	-	-	Retain
129b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	8	350	Poor	-	Thinning	Die-back	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Retain
130b	CORYMBIA citriodora	Spotted Gum	14	8	1 x 250,1 x 300	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	-	-	-	-	-	Retain
131b	CORYMBIA citriodora	Spotted Gum	16	8	400	Typical	-	Thinning	-	-	-	-		-	-		-	-	-	-	-	-		Retain
132b	UCALYPTUS tereticornis	Forest Red Gum	14	4	650	Poor	-	-	Die-back	-	-	-		-	-	-	-	-	-	Hollow/s	Nest	Termites	Habitat	Retain
133b	UCALYPTUS crebra	Narrow-leaved Ironbark	16	8	400	Typical	-	-	-	i	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Retain
134b	:UCALYPTUS crebra	Narrow-leaved Ironbark	14	10	1 x 350, 1 x 200	Typical	-	-	-	i	-	-		-	-	Typical	-	-	-	-	-	-	-	Retain
135b	UCALYPTUS crebra	Narrow-leaved Ironbark	16	6	400	Typical	-	Thinning	-	-	-	-		-	-	Typical	-	-	-	-	-	Termites	-	Retain
136b	Dead		14		400	Typical	-	-	-	-	-	-		-	-	Typical	-	-	-	-	-	-	-	Remove
138b	UCALYPTUS tereticornis	Forest Red Gum	20	12	450	Typical	-	Thinning	-	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Remove
139b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	10	400	Typical	-	-	-	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Retain
140b	:UCALYPTUS crebra	Narrow-leaved Ironbark	22	14	1 x 450,1 x 400	Typical		-	-	ı	-	-	-	-	-	Typical	-	-	Scratches	-	Nest	-	-	Retain
141b	:UCALYPTUS crebra	Narrow-leaved Ironbark	18	10	300	Typical	-	-	-	-	-	-		-	-	Typical	-	-	-	-	-	-	-	Retain
142b	UCALYPTUS tereticornis	Forest Red Gum	16	10	350	Poor	-	-	Die-back	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Remove
145b	:UCALYPTUS crebra	Narrow-leaved Ironbark	16	8	400	Typical	-	Thinning	-	ı	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Retain
146b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	8	400	Typical	-	-	Die-back	i	-	-		-	-	Typical	-	-	-	-	-	-	-	Remove
147b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	6	300	Typical	-	Thinning	-	ı	-	-		-	-	Typical	-	-	-	-	-	-	-	Final status subject to detailed design
148b	UCALYPTUS tereticornis	Forest Red Gum	16	7	250	Typical	-	Thinning	-	-	-	-		-	-	Typical	-	-	-	-	-	-	-	Retain
149b	:UCALYPTUS crebra	Narrow-leaved Ironbark	18	10	400	Typical	-	-	-	ı	Spreading	-	-	-	-	Typical	-	-	-	-	-	-	-	Retain
150b	UCALYPTUS tereticornis	Forest Red Gum	16	8	300	Typical	-	Thinning	-	ı	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Retain
151b	UCALYPTUS tereticornis	Forest Red Gum	16	8	350	Typical	-	-	-	-	-	-		-	-	Typical	-	-	Scratches	-	-	-	-	Retain
152b	Dead		16		450	Typical	=	-	-	=	-	-		-	-	Typical	-	-	-	-	-	-	-	Retain
154b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	8	1 x 300,1 x 550	Typical	-	-	-	-	-	-		-	-	Typical	-	-	-	-	-	-	-	Retain
155b	UCALYPTUS crebra	Narrow-leaved Ironbark	18	12	600	Typical	-	-	-	-	Spreading	-		-	Vines	Typical	-	-	-	-	_	-	-	Retain
156b	CORYMBIA citriodora	Spotted Gum	18	6	300	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	Scats	-	-	-	-	-	Retain
157b	UCALYPTUS tereticornis	Forest Red Gum	26	16	1 x 700,1 x 1200	Typical	-	-	-	·	-	-	-	-	-	Typical	Birds	Scats	Scratches	Hollow/s	Nest	-	Habitat	Retain
158b	UCALYPTUS tereticornis	Forest Red Gum	16	4	250	Poor	-	Thinning	Die-back	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Retain
159b	UCALYPTUS tereticornis	Forest Red Gum	24	12	900	Typical	-	Thinning	-	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Retain
160b	UCALYPTUS crebra	Narrow-leaved Ironbark	16	6	300	Typical	-	-	-	-	Spreading	- [-	-	Typical	- [-	-	-	-	-	-	Retain
162b	UCALYPTUS tereticornis	Forest Red Gum	22	10	500	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	Scratches	-	-	-	-	Retain
163b	ANGOPHORA		18	8	300	Poor	-	Thinning	-	-	-	-		-	-	Poor	-	-	-	-	-	-	-	Retain
166b	Dead		24		850	Typical	-	-	-	-	-	-		-	-	Typical	Birds	Scats	Scratches	Hollow/s	-	-	Habitat	Retain
167b	CORYMBIA tessellaris	Moreton Bay Ash	24	12	450	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	-	-	-	-		Retain
168b	UCALYPTUS tereticornis	Forest Red Gum	26	16	750	Typical	-	-	-	•	Spreading	-	-	Leaning	-	Typical	-	-	-	-	-	-	-	Retain
169b	OPHOSTEMON suaveolens	Swamp Box	18	12	300	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	-	-	-	-	-	Retain
170b	OPHOSTEMON suaveolens	Swamp Box	18	12	300	Typical	-	-	-	-	Spreading	-		-	-	Typical	-	-	-	-	-	-	-	Retain
171b	OPHOSTEMON suaveolens	Swamp Box	18	12	2 x 300	Typical	-	-	-	-	Spreading	-	-	-	-	Typical	Birds	-	-	-	Nest	-		Retain
172b	OPHOSTEMON suaveolens	Swamp Box	18	12	400	Typical	-	-	-	•	Spreading	-	-	-	-	Typical	-	-	-	-	-	-	-	Retain
173b	UCALYPTUS tereticornis	Forest Red Gum	22	12	400	Typical	-	-	-	-	-	-		-	-	Typical	-	-	-	-	-	-	-	Retain

	S	Canopy Details								Truni	k Details	s			F	labitat Detai	ls								
Tree No.	Botanical Name	Common Name	Height (m)	Spread (m)	(ww) H8G	Typical	One - sided	Thinning	Die-back	Epicormic	Spreading	PeddoT	Flowering	8	Lean	Vines	Typical	Birds	Scats	Scratches	s/wo om/s	Nest	Termites	Habitat Tree	Retention status
174b	LOPHOSTEMON suaveolens	Swamp Box	16	10	300	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Retain
175b	EUCALYPTUS tereticornis	Forest Red Gum	18	12	400	Typical	=	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Retain
176b	EUCALYPTUS tereticornis	Forest Red Gum	26	16	750	Typical	=	-	-	-	Spreading	-			-	-	Typical	Birds	-	Scratches	Hollow/s	-	-	Habitat	Retain
177b	EUCALYPTUS tereticornis	Forest Red Gum	18	+	300	Typical	-	Thinning	-	-	-	-	- -		-	-	Poor	-	-	-	-	-	-	-	Retain
178b	EUCALYPTUS tereticornis	Forest Red Gum	26	16	1000	Typical	-	Thinning	-	-	-	-			-	-	Poor	-	-	-	-	-	-	-	Final status subject to detailed design
179b	EUCALYPTUS tereticornis	Forest Red Gum	18	8	300	Typical	-	Thinning	-	-	-	-			-	-	Poor	-	-	-	-	-	-	-	Final status subject to detailed design
180b	EUCALYPTUS tereticornis	Forest Red Gum	16	8	250	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Retain
182b	CORYMBIA citriodora	Spotted Gum	22	10	450	Typical	-	-	-	-	Spreading	-			-	-	Typical	-	-	-	-	-	-	-	Final status subject to detailed design
183b	EUCALYPTUS crebra	Narrow-leaved Ironbark	18	6	300	Poor	-	Thinning	Die-back	-	-	-			-	-	Poor	-	-	-	-	-	Termites	-	Remove
184b	CORYMBIA citriodora	Spotted Gum	24	10	1 x 500,1 x 300	Typical	-	-	-	-	Spreading	-			-	-	Typical	-	-	-	-	-	-	-	Remove
185b	EUCALYPTUS crebra	Narrow-leaved Ironbark	20	10	350	Typical	-	-	-	-	Spreading	-			-	-	Typical	-	-	-	-	-	-	-	Retain
186b	CORYMBIA citriodora	Spotted Gum	24	16	250	Typical	-	-	-	-	Spreading	-			-	-	Typical	Birds	Scats	Scratches	Hollow/s	Nest	-	Habitat	Remove
187b	CORYMBIA citriodora	Spotted Gum	18	8	250	Typical	-	-	-	-	-	-			-	-	Typical	-	-	-	-	-	-	-	Remove
188b	EUCALYPTUS tereticornis	Forest Red Gum	18	8	400	Poor	-	Thinning	Die-back	-	-	-			-	-	Poor	-	-	-	-	-	-	-	Remove
189b	EUCALYPTUS tereticornis	Forest Red Gum	16	8	300	Poor	-	Thinning	Die-back	-	-	-			-	-	Poor	-	-	-	-	-	-	-	Remove
190b	EUCALYPTUS tereticornis	Forest Red Gum	32	24	1200	Typical	-	-	-	-	Spreading	-			-	-	Typical	Birds	Scats	Scratches	Hollow/s	Nest	-	Habitat	Remove
939b	EUCALYPTUS tereticornis	Forest Red Gum	16	8	350	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Remove
940b	EUCALYPTUS tereticornis	Forest Red Gum	16	6	350	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	Scratches	-	-	-	-	Remove
1130b	Eucalyptus crebra	Narrow-leaved Ironbark	14	5	220	Typical	-	-	-	-	-	-			-	-	Poor	-	-	-	-	-	-	-	Remove
1131b	Eucalyptus crebra	Narrow-leaved Ironbark	14	5	200	Typical	-	-	-	-	-	-	- -		-	-	Poor	-	-	-	-	-	-	-	Remove
1147b	Eucalyptus tereticornis	Forest Red Gum	24	12	420	-	-	Thinning	-	-	-	-			-	-	Typical	Birds	-	-	-	-	-	-	Remove
1150b	Eucalyptus crebra	Narrow-leaved Ironbark	18	7	270	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Remove
1151b	Eucalyptus crebra	Narrow-leaved Ironbark	19	7	400	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Remove
1152b	Eucalyptus crebra	Narrow-leaved Ironbark	25	16	500	Typical	-	-	-	-	-	-	- -		-	-	Typical	Birds	-	-	-	Nest	-	-	Remove
1153b	Eucalyptus crebra	Narrow-leaved Ironbark	24	12	400	Typical	-	-	-	-	-	-			-	-	Typical	-	-	-	-	-	-	-	Remove
1154b	Corymbia citriodora	Spotted Gum	1	9	280	Typical	-	Thinning	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Remove
1155b	Eucalyptus crebra	Narrow-leaved Ironbark	23	10	250	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Remove
1156b	Corymbia citriodora	Spotted Gum	18	10	300	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	Scats	Scratches	-	-	-	-	Remove
1158b	Corymbia citriodora	Spotted Gum	16	7	300	Typical	-	-	-	-	-	-	- -		Leaning	-	Typical	-	-	-	-	-	-	-	Remove
1159b	Corymbia citriodora	Spotted Gum	17	8	300	Typical	-	-	-	-	-	-	- -		-	-	Typical	-	-	-	-	-	-	-	Remove
1160b	Corymbia citriodora	Spotted Gum	18	4	220	-	-	Thinning	-	Epicormic	-	-	- -		-	-	Poor	-	-	-	-	-	-	-	Remove
865b	CORYMBIA citriodora	Spotted Gum	24	6	350	Typical	-	-	-	-	-	-	-	-	-	-	Typical	-	-	-	-		-	-	Remove
866b	EUCALYPTUS crebra	Narrow-leaved Ironbark	20	8	500	Poor	-	-	-	-	Spreading	-	-	-	-	-	Typical	-	-	-	-		-	-	Remove
867b	EUCALYPTUS crebra	Narrow-leaved Ironbark	20	4	400	Typical	-	-	Die-back	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
868b	CORYMBIA citriodora	Spotted Gum	28	18	1100	Poor	-	-	-	-	-	-	-	-	-	-	Typical	-	-	Scratches	-		-	-	Final status subject to detailed design
869b	CORYMBIA citriodora	Spotted Gum	22	8	400	Poor	-	-	-	-	-	-	-	-	-	-	Typical	-	-	Scratches	-		-	-	Final status subject to detailed design
870b	CORYMBIA citriodora	Spotted Gum	22	6	300	Poor	=	-	-	-	-	-	-	-	-	-	Typical	-	-	Scratches	-	-	-	-	Final status subject to detailed design
871b	CORYMBIA citriodora	Spotted Gum	20	6	300	Poor	-	-	-	-	-	-	-	-	-	-	Typical	-	-	Scratches	-	-	-	-	Final status subject to detailed design
872b	CORYMBIA citriodora	Spotted Gum	22	8	350	Poor	-	-	-	-	-	-	-	-	-	-	Typical	-	-	Scratches	-	-	-	-	Final status subject to detailed design
879b	EUCALYPTUS crebra	Narrow-leaved Ironbark	20	6	400	Typical	-	-	-	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
880b	Dead		20		400	Poor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Hollow/s		-	Habitat	Remove
881b	EUCALYPTUS crebra	Narrow-leaved Ironbark	22	6	450	Poor	-	Thinning	Die-back	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
882b	EUCALYPTUS crebra	Narrow-leaved Ironbark	22	8	450	Typical	-	-	-	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
883b	EUCALYPTUS crebra	Narrow-leaved Ironbark	20	4	350	Typical	-	-	-	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
884b	EUCALYPTUS crebra	Narrow-leaved Ironbark	20	4	350	Typical	-	-	-	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
930b	EUCALYPTUS crebra	Narrow-leaved Ironbark	24	10	400	Poor	-	-	-	-	Spreading	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
948b	CORYMBIA citriodora	Spotted Gum	26	18	1100	Poor	-	-	-	-	Spreading	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
949b	CORYMBIA citriodora	Spotted Gum	22	12	450	Poor	One-sided	-	-	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
950b	CORYMBIA citriodora	Spotted Gum	22	8	450	Poor	-	Thinning	-	-	-	-	-	-	-	-	Typical	-	-	-	-	-	-	-	Remove
951b	CORYMBIA citriodora	Spotted Gum	20	8	350	Poor	-	Thinning	-	-	-	-	-	-	-	-	Typical	-	-	-	-		-	-	Remove
952b	CORYMBIA citriodora	Spotted Gum	22	10	450	Poor	-	-	-	-	Spreading	-	-	-	-	-	Typical	-	-	-	-			-	Remove

	Specimen Details						Canopy	Details				Tru	ınk Detai	ls			I	Habitat Deta	ils			
ਂ ਪ ਭ ਭ <u>ਬ</u> Botanical Name	Common Name	Height (m) Spread (m)	DBH (mm)	Typical	One - sided	Thinning	Die-back	Epicormic	Spreading	Lopped	Flowering Seeding	Lean	Vines	Typical	Birds	Scats	Scratches	Hollow/s	Nest	Termites	Habitat Tree	Retention status
953b CORYMBIA citriodora	Spotted Gum	24 4	350	Typical	-	-	-	-	-	-	-	-		Typical	-	-	-	-	-	-	-	Remove
954b CORYMBIA citriodora	Spotted Gum	24 8	350	Poor	-	Thinning	Die-back	Epicormic	-	-	-	-		Typical	-	-	-	-	-	-	-	Remove
955b CORYMBIA citriodora	Spotted Gum	18 4	300	Poor	-	Thinning	Die-back	Epicormic	-	-	-	-		Typical	-	-	-	-	-	-	-	Remove
956b CORYMBIA citriodora	Spotted Gum	18 6	350	Typical	-	Thinning	-	-	-	-	-	-		Typical	-	-	-	-	-	-	-	Remove
957b CORYMBIA citriodora	Spotted Gum	18 6	350	Poor	One-sided	Thinning	-	-	-	-	-	-		Typical	-	-	-	-	-	-	-	Remove
960b CORYMBIA citriodora	Spotted Gum	28 10	450	Poor	-	-	-	-	Spreading	-	-	-		Typical		-	-	-	-	_	-	Remove
961b CORYMBIA citriodora	Spotted Gum	26 10	450	Poor	-	-	-	-	Spreading	-	-	-		Typical		-	-	-	-	_	-	Remove
962b CORYMBIA citriodora	Spotted Gum	28 10	500	Typical	-	Thinning	Die-back	-	-	-	-	-		Typical		-	-	-	-	_	-	Remove
963b CORYMBIA citriodora	Spotted Gum	22 4	450	Typical	-	-	-	-	-	-	-	-		Typical		-	-	-	-	_	-	Remove
964b EUCALYPTUS crebra	Narrow-leaved Ironbark	18 4	300	Typical	-	-	-	-	-	-	-	-		Typical		-	-	-	-	-	-	Remove
965b EUCALYPTUS crebra	Narrow-leaved Ironbark	24 8	450	Poor	-	-	-	-	-	-	-	-		Typical		-	-	-	-	-	-	Remove
966b CORYMBIA citriodora	Spotted Gum	24 4	400	Typical	-	-	-	-	-	-	-	-		Typical	-	-	-	-	-	-	-	Remove
967b CORYMBIA citriodora	Spotted Gum	24 12	500	Poor	-	-	-	-	Spreading	-	-	-		Typical		-	-	-	-	_	-	Remove
976b EUCALYPTUS crebra	Narrow-leaved Ironbark	24 8	400	Poor		Thinning	Die-back	-	-	-	-	-		Typical	-	-	-	-	-	-		Remove
977b EUCALYPTUS crebra	Narrow-leaved Ironbark	26 12	400	Typical		-		-	-	-	-	-		Typical	-	-	-	-	-	-		Remove
978b EUCALYPTUS tereticornis	Forest Red Gum	26 4	400	Poor	-	-	Die-back	-	-	-	-	-		Poor		-	-	-	-	-	-	Remove
979b EUCALYPTUS crebra	Narrow-leaved Ironbark	26 6	350	Typical	-	-	-	-	-	-	-	-		Typical		-	-	-	-	-	-	Remove
980b EUCALYPTUS tereticornis	Forest Red Gum	26 6	350	Typical	-	-	-	-	-	-	-	-		Typical		-	-	-	-		-	Remove



Tree Schedule VCFMP I (Part B) 7812 Grampian Drive, Deebing Heights (Frasers Property Limited) 16/12/2022

	group													. 0, . 2,	/2022												
		Specin	nen Details	S							Ca	nopy Cond	dition Deta	ils				Trunk	Condition I	Details		Fa	ına Details	and Habita	t Value		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	CanopyForm	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1	Corymbia citriodora	Spotted Gum	175		175	11.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	100 130		100 130	7.0 12.0	1.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
4	Corymbia citriodora	Spotted Gum	150		150	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
5	Corymbia citriodora	Spotted Gum	145		145	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
6	Corymbia citriodora	Spotted Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
7	Corymbia citriodora	Spotted Gum	135		135	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
9	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	210 160		210 160	13.0 14.0	4.0 3.0	2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
10	Corymbia citriodora	Spotted Gum	165	100	193	13.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
11	Eucalyptus tereticornis	Forest Red Gum	100		100	9.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
12	Corymbia citriodora	Spotted Gum	160		160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
13	Corymbia citriodora	Spotted Gum	155		155	13.0 10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
14 15	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	125 175		125 175	14.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
16	Corymbia citriodora	Spotted Gum	155	90	179	13.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
17	Corymbia citriodora	Spotted Gum	280		280	18.0	6.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
18	Eucalyptus tereticornis	Forest Red Gum	100		100	8.0	1.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
19 20	Eucalyptus tereticornis	Forest Red Gum Narrow-leaved Ironbark	190 230		190 230	13.0 15.0	2.0 5.0	2.3 2.8	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
21	Eucalyptus crebra Corymbia tessellaris	Moreton Bay Ash	210	100	233	14.0	4.0	2.8	Regular Regular	-	-	Thinning	- Die-back	-	-	Typical Poor	-	-	-		Typical Typical		-	-	-	-	Remove Remove
22	Corymbia tessellaris	Moreton Bay Ash	260		260	14.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
23	Corymbia tessellaris	Moreton Bay Ash	190		190	10.0	3.0	2.3	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
24	Corymbia tessellaris	Moreton Bay Ash	110	100	149	9.0	1.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
25 26	Corymbia tessellaris Corymbia tessellaris	Moreton Bay Ash Moreton Bay Ash	130 110		130 110	9.0 8.0	1.0 2.0	2.0	Regular Regular	-	-	Thinning	Die-back -	Epicormic -	-	Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
27	Corymbia tessellaris	Moreton Bay Ash	185	140	232	11.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical		-	-	-	-	Remove
28	Corymbia tessellaris	Moreton Bay Ash	100		100	7.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
29	Eucalyptus tereticornis	Forest Red Gum	260	130	291	17.0	5.0	3.5	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
30	Corymbia tessellaris	Moreton Bay Ash	170	120	208	13.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
31 32	Corymbia tessellaris Corymbia tessellaris	Moreton Bay Ash Moreton Bay Ash	155 210	80	174 210	9.0 17.0	4.0 6.0	2.1 2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
33	Corymbia citriodora	Spotted Gum	130		130	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
34	Eucalyptus tereticornis	Forest Red Gum	165		165	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
35	Corymbia citriodora	Spotted Gum	185		185	16.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
36 37	Corymbia tessellaris	Moreton Bay Ash Narrow-leaved Ironbark	110 230		110 230	7.0 17.0	2.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
38	Eucalyptus crebra Corvmbia citriodora	Spotted Gum	165		165	13.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove
39	/	Spotted Gum	265		265	17.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
40	,	Moreton Bay Ash	270		270	16.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
41	,	Moreton Bay Ash	200	110	228	14.0	5.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
42 43		Spotted Gum Narrow-leaved Ironbark	290 210		290 210	18.0 16.0	5.0 5.0	3.5 2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
44		Narrow-leaved Ironbark	140		140	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
45	Corymbia tessellaris	Moreton Bay Ash	195		195	12.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
46		Forest Red Gum	190	90	210	18.0	3.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
47 48	Corymbia citriodora Corymbia tessellaris	Spotted Gum Moreton Bay Ash	195 100	100	195 141	18.0 9.0	3.0 2.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
49	•	Bull Oak	160	100	189	12.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
50		Bull Oak	185		185	11.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
51		Forest Red Gum	320		320	19.0	5.0	3.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
52	,	Spotted Gum	195		195	16.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
53 54	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 180		140 180	12.0 13.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
55		Spotted Gum	155		155	14.0	3.0	2.0	One-sided		-	-	-	-	-	Typical	Minor	-	-	-	Typical		-	-	-	-	Remove
56	Eucalyptus tereticornis	Forest Red Gum	200		200	14.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
57		Spotted Gum	130		130	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
58 59	Allocasuarina luehmannii Corymbia citriodora	Bull Oak Spotted Gum	165 165	80	165 183	7.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
60		Spotted Gum	140	UU U	140	14.0	1.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
61		Narrow-leaved Ironbark	195		195	18.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	_	Typical		-	-	-	-	Remove
62		Forest Red Gum	135		135	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
63		Moreton Bay Ash	160	120	200	12.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
64 65	Allocasuarina luehmannii Allocasuarina luehmannii		180 190		180 190	12.0 12.0	4.0 3.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
66	Allocasuarina luehmannii		155		155	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
67		Bull Oak	165		165	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
68	Allocasuarina luehmannii	Bull Oak	250		250	12.0	5.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	en Details	<u> </u>							Car	nopy Cond	lition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	t Value		
		Specific	Details		[60						Car	.spy cond						ank				. au	ctails a	Liabitat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
69	Allocasuarina luehmannii	Bull Oak	170		170	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
70	Corymbia citriodora	Spotted Gum	165	90	188	13.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	Remove
71	- ''	Forest Red Gum	120		120	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
72	' '.	Forest Red Gum	100		100	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
73	Acacia disparrima	Hickory Wattle	200	180, 240	361	11.0	7.0	4.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
74 75	Eucalyptus tereticornis	Forest Red Gum Spotted Gum	240 155		240	13.0 13.0	5.0 4.0	2.9	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
76	· /	Forest Red Gum	110		155 110	9.0	2.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-		Typical		-	-	-	-	Remove Remove
77	,	Spotted Gum	210		210	14.0	5.0	2.5	Regular	-	-	-		-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
78		Forest Red Gum	145		145	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
79	Corymbia citriodora	Spotted Gum	135		135	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
80	Corymbia citriodora	Spotted Gum	250		250	17.0	6.0	3.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
81	Eucalyptus tereticornis	Forest Red Gum	120		120	8.0	3.0	2.0	Regular		-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
82	· /	Spotted Gum	130		130	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
83		Spotted Gum	190		190	11.0	4.0	2.3	Regular	-	-	-	-	-	Lopped	Typical	-	-	-	-	Typical		-	-	-	-	Remove
84 85	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 185		130 185	12.0 15.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
86	Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	2.0	2.2	Regular	-		- Thinning	Die-back	-	- 1	Poor	_	-		-	Typical		-	-	-	-	Remove
87	Eucalyptus tereticornis	Forest Red Gum	210	100	233	9.0	3.0	2.8	Regular	_	-		-	-	_	Typical	Minor	-	-	-	Typical		-	-	-	-	Remove
88	/'	Spotted Gum	110	1	110	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
89	Corymbia citriodora	Spotted Gum	145		145	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
90		Spotted Gum	110		110	11.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
91		Spotted Gum	200		200	16.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-		-	-	Remove
92		Spotted Gum	130	90	158	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
93	Corymbia citriodora	Spotted Gum	120		120	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
94 95		Spotted Gum Hickory Wattle	155 290		155 290	12.0 8.0	2.0 7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
96	'	Hickory Wattle	230		230	7.0	5.0	3.5 2.8	Regular Regular	-	-	-		-	-	Typical Typical	-	-	_		Typical Typical		-	+ -	-	-	Remove Remove
97	,	Forest Red Gum	130		130	12.0	2.0	2.0	Regular	-	-	_	_	-	_	Typical	-	_	_	_	Typical		_	-	-	-	Remove
98	Eucalyptus tereticornis	Forest Red Gum	190		190	14.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
99	Eucalyptus crebra	Narrow-leaved Ironbark	290		290	19.0	5.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
100	Corymbia intermedia	Pink Bloodwood	300	140, 310	454	17.0	8.0	5.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
101		Bull Oak	165		165	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
102		Moreton Bay Ash	100		100	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
103 104	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	110 190	150	110 242	10.0 13.0	3.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
105	Eucalyptus tereticornis	Forest Red Gum	135	130	135	11.0	5.0	2.0	Regular	-	-	_	_	-	_	Typical	-	_	_	_	Typical		_	-	-	-	Remove
106	/'	Narrow-leaved Ironbark	120		120	6.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
107	Eucalyptus crebra	Narrow-leaved Ironbark	120		120	7.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	1	Typical		-	-	-	-	Remove
108	,	Forest Red Gum	140		140	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
109	//	Forest Red Gum	100		100	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
110		Narrow-leaved Ironbark	100	210	100	7.0 18.0	2.0 8.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
111		Spotted Gum Moreton Bay Ash	260 100	210	334 100	8.0	2.0	4.0 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
113		Hickory Wattle	230		230	9.0	5.0	2.8	Regular	-	-	_	_	-	_	Typical	-	_	_	_	Typical		_	-	-	-	Remove
114	'	Spotted Gum	165		165	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
115	Eucalyptus tereticornis	Forest Red Gum	220		220	13.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-		-	-	Remove
116	,	Forest Red Gum	170		170	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
117		Spotted Gum	125	100	125	11.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
118 119	· ·	Hickory Wattle Spotted Gum	275 100	100	293 100	8.0 12.0	7.0 1.0	3.5 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
120		Narrow-leaved Ironbark	195		195	15.0	4.0	2.3	Regular	-		- Thinning	Die-back	-	-	Poor	_	-	-	-	Typical		-	-	-	-	Remove
121	,	Pink Bloodwood	265		265	13.0	7.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
122		Narrow-leaved Ironbark	270	170	319	18.0	6.0	3.8	Regular	-	-	-	-	-	-	Typical	-	-	-	ı	Typical		-	-	-	-	Remove
123	Corymbia citriodora	Spotted Gum	100		100	11.0	1.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
124	,	Narrow-leaved Ironbark	190		190	17.0	5.0	2.3	Regular	-	-	-		-	- 1	Typical	- 1	-	-	-	Typical		-	-	-	-	Remove
125		Narrow-leaved Ironbark	150		150	15.0	2.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
126	,,	Narrow-leaved Ironbark	200		200	16.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
127 128	,	Spotted Gum Spotted Gum	160 145		160 145	13.0 14.0	3.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
128		Spotted Gum	260		260	18.0	4.0	3.1	Regular	-	-	-		-	-	Typical	-		- Frunk Dmg	-	Typical		-	-	-	-	Remove
130		Spotted Gum	240		240	18.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
131		Moreton Bay Ash	185		185	13.0	4.0	2.2	Regular		-	-	-	-		Typical	-	-		_	Typical		-	-	-	-	Remove
132	_	Spotted Gum	165	125, 80, 60		15.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
133		Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
134		Spotted Gum	220		220	18.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
135 136		Spotted Gum Spotted Gum	100 165		100 165	11.0 17.0	3.0 5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
136		Spotted Gum Spotted Gum	125		165	17.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
138		Forest Red Gum	130		130	12.0	2.0	2.0	Regular	_	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
139		Spotted Gum	145		145	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
140		Spotted Gum	120		120	16.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
141		Spotted Gum	165	175	241	17.0	5.0	2.9	Regular	-	-	-	-	-	- 1	Typical	- 1	-	Frunk Dmg	-	Typical		-	-	-	-	Remove
142	Corymbia citriodora	Spotted Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	en Details	ς							Ca	anopy Cond	dition Deta	nils				Trunk	Condition	Details		Faur	na Details a	and Habitat	t Value		
		Specific	Jetuili		[60							L. CP COIN						TIMIN	Jeuraon			raui		Justial			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
143	Corymbia citriodora	Spotted Gum	135		135	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
144	,	Spotted Gum	260		260	19.0	9.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
145	Corymbia citriodora	Spotted Gum	130		130	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
146	· ''.	Narrow-leaved Ironbark	230		230	15.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
147	Corymbia citriodora	Spotted Gum	130		130	9.0	2.0	2.0	Regular	-	-	-		-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
148	,,	Forest Red Gum	160		160	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
149 150	Eucalyptus tereticornis Corvmbia citriodora	Forest Red Gum Spotted Gum	100 210		100 210	11.0 18.0	3.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
151	,	Spotted Gum	240	+	240	18.0	6.0	2.3	Regular	-	-	-	-	-		Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove
152	,	Spotted Gum	100		100	13.0	3.0	2.0	Regular	-	-	_	-	_	-	Typical	-	-	_	-	Typical		-	-	-	-	Remove
153	Corymbia citriodora	Spotted Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
154	Eucalyptus crebra	Narrow-leaved Ironbark	200		200	16.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
155	Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
156	Corymbia citriodora	Spotted Gum	140		140	14.0	3.0	2.0	Regular	-	-	-		-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
157	,,	Narrow-leaved Ironbark	350		350	22.0	8.0	4.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
158	,	Spotted Gum	155	145, 95	233	16.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
159 160	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 165	90	140 188	17.0 17.0	5.0 5.0	2.0	Regular Regular	-	-	-	-	-	- -	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
161		Narrow-leaved Ironbark	195		195	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		+ -	-	-	-	Remove
162	,,	Spotted Gum	200		200	16.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
163	,	Spotted Gum	130		184	17.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
164	,	Spotted Gum	155		155	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
165	Corymbia citriodora	Spotted Gum	160		160	15.0	4.0	2.0	Regular	-	ı	-	-	-	-	Typical	-	1	-	-	Typical		-	-	-	-	Remove
166	Corymbia citriodora	Spotted Gum	175		175	16.0	6.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
167	Corymbia citriodora	Spotted Gum	155		189	16.0	5.0	2.3	Regular	-	-	-		-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
168	, .	Spotted Gum	120	1	120	14.0	3.0	2.0	Regular	-	-	-		-	-	Typical		-	-		Typical		-	-	-	-	Remove
169	,	Spotted Gum	125	-	125	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
170 171	,	Spotted Gum Spotted Gum	135 130	+	135 130	15.0 12.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	- Minor	-	-		Typical Typical		-	-	-	-	Remove Remove
171	Corymbia citriodora	Spotted Gum	140	+	140	16.0	5.0	2.0	Regular	-	-	-	-	_		Typical	WIITIOI	-	_		Typical		-	-	-	-	Remove
173		Spotted Gum	110		110	14.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
174	,	Spotted Gum	145		145	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
175	Eucalyptus tereticornis	Forest Red Gum	190		190	17.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	Trunk Dmg	-	Typical		-	-	-	-	Remove
176		Spotted Gum	260		260	17.0	6.0	3.1	One-sided	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
177	,	Moreton Bay Ash	155	\vdash	155	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
178 179	Allocasuarina luehmannii Corymbia citriodora	Bull Oak Spotted Gum	185 200	+	185 200	12.0 12.0	5.0 2.0	2.2	Regular Regular	-	-	- Thinning	- Die-back	- Epicormic	-	Typical Poor	-	-	- Trunk Dmg		Typical Poor		-	-	-	-	Remove Remove
180		Spotted Gum	160		160	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	130	120	177	13.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
182	Corymbia citriodora	Spotted Gum	260		260	18.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
183		Spotted Gum	220		220	18.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
184		Spotted Gum	150		150	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
185 186		Spotted Gum	165		165	17.0 15.0	5.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
187	,	Spotted Gum Spotted Gum	110 130	1	110 130	12.0	2.0	2.0	Regular Regular	-	-	-	-	-		Typical Typical	-		_		Typical Typical		-	-	-	-	Remove Remove
188	,	Spotted Gum	125		125	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
189	,	Spotted Gum	135	90	162	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
190	Allocasuarina luehmannii	Bull Oak	220		220	13.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
191		Spotted Gum	105		105	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
192	,,	Forest Red Gum	230		230	17.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
193	,	Spotted Gum	125	1	125	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
194 195	_	Spotted Gum Hickory Wattle	175 230		175 230	13.0 10.0	3.0 6.0	2.1 2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
193		Forest Red Gum	100		131	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
197	- ''	Spotted Gum	180	1	180	17.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
198		Spotted Gum	250		250	18.0	6.0	3.0	Regular	-	ı	-	-	-	-	Typical		ī	-		Typical		-	-	-	-	Remove
199	Corymbia citriodora	Spotted Gum	230		230	18.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
200	- ''	Forest Red Gum	120		120	9.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
201		Spotted Gum	165		165	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
202	,	Spotted Gum	155		155	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
203 204	,,	Forest Red Gum Narrow-leaved Ironbark	130 155		130 155	10.0 9.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
204	,,	Moreton Bay Ash	130		161	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
206	,	Narrow-leaved Ironbark	110		110	7.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
207	- ''	Spotted Gum	210		336	17.0	7.0	4.0	Regular	-	ı	-	-	-	-	Typical		ı	-		Typical		-	-	-	-	Remove
208	Eucalyptus crebra	Narrow-leaved Ironbark	135		135	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
209	,,	Forest Red Gum	135		135	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
210	Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
211		Spotted Gum	210	1	210	17.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
212 213		Spotted Gum Narrow-leaved Ironbark	210 330		210 330	17.0 18.0	6.0 7.0	2.5 4.0	One-sided One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	- '	Spotted Gum	265		265	17.0	6.0	3.2	Regular	-	-	-	-	-	Lopped	Typical	-	-	-	-	Typical		-	-	-	-	Remove
215	,	Spotted Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	105		105	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	. ,				-							•				, p. ,			•					•	•		

		Specim	en Details	1							Ca	anopy Cond	dition Deta	ails				Trunk	Condition	Details		Faur	na Details a	and Habitat	t Value		
		Specific	Jetans		[60							y cont						Trank	Julia di la			Taul		- Install			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
217	Corymbia citriodora	Spotted Gum	155		155	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
218	Corymbia citriodora	Spotted Gum	255		255	17.0	5.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
219	Corymbia citriodora	Spotted Gum	260		260	17.0	8.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
220 221	Corymbia tessellaris	Moreton Bay Ash Forest Red Gum	190 105		190 145	14.0 10.0	5.0 2.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
222	Eucalyptus tereticornis Eucalyptus crebra	Narrow-leaved Ironbark	110		110	9.0	3.0	2.0	Regular Regular	_	_	_	_	-	-	Typical Typical	-	-	-	_	Typical Typical		+ -	-	-	_	Remove Remove
223	Corymbia citriodora	Spotted Gum	200		250	17.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
224	Corymbia citriodora	Spotted Gum	200		272	17.0	6.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
225	Eucalyptus crebra	Narrow-leaved Ironbark	200		200	12.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
226	Eucalyptus crebra	Narrow-leaved Ironbark	165		165	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
227	Angophora leiocarpa	Smooth-barked Apple	160		160	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
228 229	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	220 140		242 140	9.0 11.0	6.0 2.0	2.9	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
230	Corymbia citriodora	Spotted Gum	185		185	17.0	3.0	2.2	Regular	-	_	-	_	-	-	Typical	-	-	_	-	Typical		-	-	-	-	Remove
231	Corymbia citriodora	Spotted Gum	220		220	18.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
232	Corymbia citriodora	Spotted Gum	105		105	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
233	Corymbia citriodora	Spotted Gum	135		135	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
234	Corymbia citriodora	Spotted Gum	185		185	16.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-]	-	Trunk Dmg	-	Typical		-	-	-	-	Remove
235	Corymbia citriodora	Spotted Gum	165		165	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
236	Corymbia citriodora	Spotted Gum	215		262	17.0	7.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
237	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	155 100		155 100	16.0 9.0	4.0 1.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
239	Corymbia citriodora	Spotted Gum	125		125	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	_	-	Typical Typical		-	-	-	-	Remove Remove
240	Eucalyptus crebra	Narrow-leaved Ironbark	330		330	18.0	7.0	4.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
241	Acacia disparrima	Hickory Wattle	165		165	8.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
242	Eucalyptus crebra	Narrow-leaved Ironbark	780		780	19.0	18.0	9.4	Regular	-	-	-	-	-	-	Typical	1	-	-	-	Typical		-	-	-	-	Remove
243	Acacia concurrens	Black Wattle	160		160	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
244	Corymbia tessellaris	Moreton Bay Ash	150		150	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
245	Eucalyptus tereticornis	Forest Red Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
246 247	Eucalyptus tereticornis Corymbia tessellaris	Forest Red Gum Moreton Bay Ash	240 200		240	18.0 16.0	6.0 3.0	2.9 2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
247	Eucalyptus tereticornis	Forest Red Gum	250		250	16.0	5.0	3.0	Regular	_	_	_	_	-	-	Typical	-	-	-	_	Typical		-	-	-	_	Remove
249	Eucalyptus tereticornis	Forest Red Gum	190		190	14.0	2.0	2.3	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
250	Eucalyptus crebra	Narrow-leaved Ironbark	180		180	16.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
251	Acacia disparrima	Hickory Wattle	170		170	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
252	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
253	Eucalyptus tereticornis	Forest Red Gum	340		340	18.0	5.0	4.1	Regular	-	-	Thinning	Die-back	- -	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
254 255	Eucalyptus tereticornis Allocasuarina luehmannii	Forest Red Gum Bull Oak	130 170		130 170	10.0 12.0	3.0	2.0	Regular Regular	-	-	Thinning	Die-back	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Forest Red Gum	120		150	10.0	2.0		One-sided	_	_		-	-	-	Typical	Major		_	-	Typical		-	 -	-	-	Remove
257	,,	Smooth-barked Apple	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
258	Corymbia citriodora	Spotted Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
259	Eucalyptus crebra	Narrow-leaved Ironbark	100		100	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
260		Spotted Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
261	,	Narrow-leaved Ironbark	120		139	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
262 263	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	150 120		150 120	14.0 13.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
263	•	Grey Ironbark	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		+ -	-	-	-	Remove Remove
265	Eucalyptus crebra	Narrow-leaved Ironbark	220		220	17.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
266		Moreton Bay Ash	100		100	11.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
267	Corymbia citriodora	Spotted Gum	140		140	12.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
268	,	Spotted Gum	210		210	14.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
269		Narrow-leaved Ironbark	190		190	14.0	4.0 2.0	2.3	Regular	-	-	- Thinning	- Die back	- Enicormic	- Lannad	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
270 271	Eucalyptus melanophloia Corymbia citriodora	Spotted Gum	130 200		130 200	8.0 14.0	3.0	2.0	Regular One-sided	-	-	Thinning -	Die-back -	Epicormic -	Lopped -	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
271		Spotted Gum	200		200	16.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
273	,	Spotted Gum	180		180	18.0	5.0	2.2	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
274		Silver-leaved Ironbark	120		120	10.0	3.0	2.0	Regular	-	-	-	-	-		Typical		-	-	_	Typical		-	-	-	-	Remove
275	Eucalyptus tereticornis	Forest Red Gum	110		110	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
276	Corymbia citriodora	Spotted Gum	140		140	13.0	3.0	2.0	Regular	-			-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
277	Corymbia citriodora	Spotted Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
278		Spotted Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
279 280		Silver-leaved Ironbark Spotted Gum	140 120		140 120	12.0 14.0	3.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
281	Eucalyptus tereticornis	Forest Red Gum	170		170	16.0	3.0	2.0	Regular	-	-	-	-	-	 _ 	Typical	-	-	-	-	Typical		-	-	-	-	Remove
282	,,	Spotted Gum	200		200	16.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
283	Eucalyptus crebra	Narrow-leaved Ironbark	240		240	18.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
284	Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
285		Spotted Gum	160		160	15.0	5.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
286	Eucalyptus tereticornis	Forest Red Gum	170		170	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
287	Eucalyptus tereticornis	Forest Red Gum	210		210	14.0	3.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
288 289	Eucalyptus tereticornis Acacia disparrima	Forest Red Gum Hickory Wattle	120 150		120 150	11.0 8.0	2.0 3.0	2.0	Regular Regular	-	-	- Thinning	- Die-back	-	 	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Forest Red Gum	110		110	10.0	2.0	2.0	Regular	-	-	Thinning		Epicormic	 	Poor	-	-	-	-	Typical		-	-	-	-	Remove
270	Lucus plus tereticoniis	. o.esenea dani	110		110	10.0	2.0	2.0	negulai	1	l	,iiii	DIC DACK	-piconnic	1	1 001			i .	i	iypicai	<u> </u>			1	1	nemove

		Specim	en Details	.						Cai	nopy Cond	lition Deta	nils				Trunk	Condition	Details		Faur	na Details a	nd Habitat	Value		
				[60							, , 55.16										. 201					
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm) Total DBH (mm) [AS 4970-20	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
291	Corymbia citriodora	Spotted Gum	120	120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
292	DEAD/STAG		600	600	20.0	8.0	7.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		Small	-	-	-	Remove
293		Spotted Gum	120	120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
294 295		Spotted Gum Spotted Gum	120 100	120 100	12.0 14.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
293	,	Bull Oak	150	150	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-		-		Typical		-	-	-	-	Remove
297		Bull Oak	130	130	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
298	Eucalyptus tereticornis	Forest Red Gum	150	150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
299		Spotted Gum	100	100	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
300 301	Allocasuarina luehmannii Corvmbia citriodora	Bull Oak Spotted Gum	190 120	190 120	12.0 12.0	4.0 3.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
302	,	Grey Ironbark	140	140	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
303	Eucalyptus tereticornis	Forest Red Gum	200	200	16.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
304	,	Spotted Gum	120	120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
305 306	// /	Silver-leaved Ironbark Spotted Gum	160 170	160 170	12.0 15.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
307	Eucalyptus tereticornis	Forest Red Gum	140	140	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-		-		Typical		-	-	-	-	Remove
308	Corymbia citriodora	Spotted Gum	100	100	12.0	2.0	2.0	Regular	-	-	-	-			Typical	-	-			Typical		-	-	-	-	Remove
309	Eucalyptus tereticornis	Forest Red Gum	140	140	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
310		Spotted Gum	150	150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
311		Silver-leaved Ironbark	220	170 278	11.0	4.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
312 313		Silver-leaved Ironbark Silver-leaved Ironbark	200 180	200 180	14.0 10.0	4.0 3.0	2.4	Regular Regular	-	-	- Thinning	- Die-back	- Epicormic	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
314	Eucalyptus tereticornis	Forest Red Gum	130	130	13.0	3.0	2.2	Regular	-	-	-	-		-	Typical	-	-	-		Typical		-	-	-	-	Remove
315	Corymbia citriodora	Spotted Gum	170	170	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
316	Acacia disparrima	Hickory Wattle	190	190	7.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
317		Forest Red Gum	120	120	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
318		Bull Oak	130	130	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
319 320	Eucalyptus crebra Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	110 210	110 210	7.0 16.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
321		Spotted Gum	110	110	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
322		Spotted Gum	150	150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
323	Corymbia citriodora	Spotted Gum	100	100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
324		Bull Oak	200	200	14.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
325 326		Forest Red Gum Spotted Gum	300 120	300 120	20.0	5.0 2.0	3.6 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
327	Eucalyptus tereticornis	Forest Red Gum	110	110	15.0	2.0	2.0	Regular	-	-	-		-	-	Typical	-		-		Typical		-	-	-	-	Remove
328	//	Spotted Gum	100	100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
329	Eucalyptus tereticornis	Forest Red Gum	200	200	17.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	190	190		4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
331		Spotted Gum	190	190	16.0 17.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
332 333		Silver-leaved Ironbark Spotted Gum	290 150	290 150		8.0 2.0	3.5 2.0	Regular Regular	-	-	- Thinning	Die-back	- Epicormic	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
334		Spotted Gum	100	100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
335	Corymbia citriodora	Spotted Gum	180	180	17.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
336		Spotted Gum	200	200	18.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
337		Forest Red Gum	110	110	8.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
338 339		Spotted Gum Forest Red Gum	110 130	110 130	11.0 12.0	1.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
340		Narrow-leaved Ironbark	160	160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
341		Bull Oak	160	160	14.0	3.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
342		Narrow-leaved Ironbark	130	130	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
343		Narrow-leaved Ironbark	160	160		3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
344 345		Spotted Gum Bull Oak	130 170	130 130 214		3.0	2.0 2.6	Regular Regular	-	-	- Thinning	- Die-back	-	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
346		Narrow-leaved Ironbark	300	340 453	_	8.0	5.4	Regular	-	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
347		Narrow-leaved Ironbark	150	210 258	_	5.0	3.1	Regular	-	-	-	-	-		Typical	_	-	-	-	Typical		-	-	-	-	Remove
348		Narrow-leaved Ironbark	160	160	16.0	4.0	2.0	Regular	-	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
349		Narrow-leaved Ironbark	260	260	18.0	4.0	3.1	Regular	-		,	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
350 351	Allocasuarina luehmannii Allocasuarina luehmannii	Bull Oak Bull Oak	180 150	180 150	12.0 6.0	3.0	2.2	Regular Regular	-	-	Thinning -	Die-back -	-	-	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
352	Allocasuarina luehmannii		150	150	7.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
353		Grey Ironbark	230	230	17.0	4.0	2.8	Regular	-	-	-	-	-		Typical	-		-		Typical		-	-	-	-	Remove
354	Allocasuarina luehmannii	Bull Oak	160	160	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
355		Hickory Wattle	150	150	7.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
356 357	Corymbia citriodora Allocasuarina luehmannii	Spotted Gum	150 160	150 160	17.0 12.0	4.0 3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
357		Bull Oak	180	180	14.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
359	Allocasuarina luehmannii		170	170		3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
360	Eucalyptus tereticornis	Forest Red Gum	520	520	23.0	14.0	6.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
361		Bull Oak	200	200	14.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
362	//	Narrow-leaved Ironbark	280	280	18.0	5.0	3.4	Regular	-			Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
363 364	Allocasuarina littoralis Allocasuarina luehmannii	Black She-oak	160 230	120 200 230	12.0 16.0	3.0 4.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
304	ranocusuuririu iueriiriurinii	Duil Oak	230	230	10.0	4.0	2.0	negular		-	-	-	-	-	rypical	-				rypical				1		NEITIONE

		Specim	en Details	s							Ca	anopy Cond	dition Deta	ails				Trunk	Condition	Details		Fau	na Details a	and Habitat	t Value		
		Specific	Jetuili		[60													T ank				lau		- Tubitat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
365	Allocasuarina luehmannii	Bull Oak	150		150	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
366	Corymbia citriodora	Spotted Gum	120	80	144	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
367		Spotted Gum	110		110	10.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
368	- ''	Forest Red Gum	140		140	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
369 370	,	Moreton Bay Ash Smooth-barked Apple	130 180		130 180	13.0 12.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
371		Black Wattle	150		150	10.0	4.0	2.0	Regular	-		-		-	_	Typical	_	_	-		Typical		1	-	-	-	Remove
372		Bull Oak	250		250	12.0	6.0	3.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
373	Angophora leiocarpa	Smooth-barked Apple	220		220	11.0	2.0	2.6	Regular	-	ı	-	1	-	Lopped	Poor	-	-	Trunk Dmg	-	Poor		-	-	-	-	Remove
374	- /'	Forest Red Gum	180		180	17.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
375	'	Hickory Wattle	160	180 150	284	10.0	5.0	3.4	Regular	-	-	This are in a	- Die beele	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
376 377	'	Hickory Wattle Smooth-barked Apple	230 170	200 200 70	371 170	10.0 16.0	6.0 5.0	4.5 2.0	Regular Regular	-	-	Thinning -	Die-back	-	-	Poor Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
378		Forest Red Gum	160		160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
379	77	Forest Red Gum	110		110	12.0	2.0	2.0	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
380	Eucalyptus tereticornis	Forest Red Gum	130		130	14.0	3.0	2.0	Regular	-	ı	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
381	Acacia concurrens	Black Wattle	160		160	11.0	4.0	2.0	Regular	-	1	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
382	,	Smooth-barked Apple	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
383 384		Smooth-barked Apple Forest Red Gum	140 180		140 180	16.0 16.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
385		Hickory Wattle	280		280	11.0	7.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
386		Hickory Wattle	190	190	269	12.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
387	Acacia disparrima	Hickory Wattle	140	130	191	12.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
388		Spotted Gum	170		170	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
389	Corymbia citriodora	Spotted Gum	230		230	18.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
390 391	- ''.	Forest Red Gum Spotted Gum	190 110		190 110	16.0 12.0	4.0 3.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
392		Forest Red Gum	190		190	17.0	5.0	2.3	Regular	-	_	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
393	- /'	Spotted Gum	150	70	166	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
394	Eucalyptus tereticornis	Forest Red Gum	280	140	313	19.0	7.0	3.8	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
395	Eucalyptus crebra	Narrow-leaved Ironbark	220		220	20.0	8.0	2.6	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
396	, ,	Smooth-barked Apple	150		150	11.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
397 398	- /'	Narrow-leaved Ironbark Narrow-leaved Ironbark	150 180		150 180	14.0 18.0	3.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
399	//	Forest Red Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
400		Narrow-leaved Ironbark	230		230	18.0	6.0	2.8	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
401	Eucalyptus crebra	Narrow-leaved Ironbark	280		280	22.0	10.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
402		Narrow-leaved Ironbark	190	130	230	14.0	5.0	2.8	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
403 404	//	Narrow-leaved Ironbark Spotted Gum	160 170		160 170	14.0 17.0	4.0 5.0	2.0	Regular	-	-	Thinning -	Die-back -	Epicormic -	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove Remove
404		Spotted Gum	170		170	15.0	5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	_	Typical Typical			-	-	-	Remove
406		Forest Red Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
407		Spotted Gum	140		140	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
408		Spotted Gum	105		105	13.0	3.0	2.0	Regular	-	1	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
409		Spotted Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
410 411		Spotted Gum Spotted Gum	210 120		210 120	19.0 17.0	7.0 4.0	2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
412		Spotted Gum	110	60 60	139	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
413		Hickory Wattle	150		150	8.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
414	- ''	Narrow-leaved Ironbark	280		280	21.0	9.0	3.4	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
415	- /'	Narrow-leaved Ironbark	180		180	18.0	8.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
416 417		Narrow-leaved Ironbark Narrow-leaved Ironbark	150 140	-	150 140	14.0 14.0	4.0 3.0	2.0	Regular Regular	-	-	- Thinning	- Die-back	- Epicormic		Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
417		Narrow-leaved Ironbark	130		130	16.0	3.0	2.0	Regular	-	-	Thinning	Die-back			Poor	-	-	-	-	Typical		-	-	-	-	Remove
419		Narrow-leaved Ironbark	130	130	184	13.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
420		Narrow-leaved Ironbark	150		150	14.0	5.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
421		Hickory Wattle	160		160	7.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
422		Spotted Gum	240		240	20.0	8.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
423 424		Spotted Gum Spotted Gum	170 280		170 280	14.0 18.0	5.0 9.0	2.0 3.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
425		Narrow-leaved Ironbark	320		320	20.0	10.0	3.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
426	- ''	Spotted Gum	120	100	156	15.0	5.0	2.0	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
427		Spotted Gum	150	120	192	16.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
428		Spotted Gum	120	100	156	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
429		Spotted Gum	120	90	150	14.0	4.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
430 431	- ''	Forest Red Gum Forest Red Gum	130 140		130 140	8.0 14.0	2.0 4.0	2.0	One-sided Regular	-	-	-	-	-	Lopped -	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
432	Eucalyptus tereticornis	Forest Red Gum	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
433		Spotted Gum	310		310	22.0	10.0	3.7	Regular	-	-	-	-	-		Typical		-	-	_	Typical		-	-	-	-	Remove
434		Narrow-leaved Ironbark	280		280	20.0	8.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
435		Spotted Gum	170		170	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
436 437		Spotted Gum	120	110 120 110	120	18.0	4.0 5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum Spotted Gum	110 130	110 120 110	225 130	14.0 15.0	4.0	2.7	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
7,30	corymora citrioadia	Spotted dulli	150	ı	150	15.0		2.0	ricgulai	ı		1		i	i	rypical		i	ı		Typical			1	1		Nemove

		Specim	en Detail:	ς							Ca	anopy Cond	dition Deta	ails				Trunk	Condition	Details		Faun	a Details a	nd Habitat '	Value		
		Specim	.c., Detail		[60						Ca	opy cond	artion Deta	4113				Trunk	Condition	Jetans .		raun	Details a	a Habitat	- uiuc		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Retention Status
439	Eucalyptus tereticornis	Forest Red Gum	150		150	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
440	Corymbia citriodora	Spotted Gum	100		100	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
441	Corymbia citriodora	Spotted Gum	110	120 160 280	361	20.0	10.0	4.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
442	Corymbia citriodora	Spotted Gum	130		130	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
443	Acacia disparrima	Hickory Wattle	230		230	8.0	6.0	2.8	One-sided	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
444	Eucalyptus crebra	Narrow-leaved Ironbark	150		150	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
445	Eucalyptus crebra	Narrow-leaved Ironbark	300		300	18.0	8.0	3.6	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
446	Corymbia citriodora	Spotted Gum	220		220	17.0	8.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
447 448	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	280 120		280 120	18.0 13.0	7.0 3.0	3.4 2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
449	Eucalyptus crebra	Narrow-leaved Ironbark	170		170	14.0	3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-		-	Remove
450	Eucalyptus crebra	Narrow-leaved Ironbark	240		240	26.0	10.0	2.0	Regular	-	-	_	_	_		Typical	_	-			Typical		+ -	-		-	Remove
451	Corymbia citriodora	Spotted Gum	130		130	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	_	Remove
452	Corymbia citriodora	Spotted Gum	220		220	18.0	8.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
453	Corymbia citriodora	Spotted Gum	110		110	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
454	Corymbia citriodora	Spotted Gum	260		260	20.0	9.0	3.1	One-sided	-		-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
455	Eucalyptus tereticornis	Forest Red Gum	140		140	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
456	Eucalyptus crebra	Narrow-leaved Ironbark	130	130	184	12.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
457	Eucalyptus crebra	Narrow-leaved Ironbark	210		210	18.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
458	Corymbia citriodora	Spotted Gum	290		290	22.0	10.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
459	Corymbia citriodora	Spotted Gum	120		120	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
460	Eucalyptus crebra	Narrow-leaved Ironbark	230		230	16.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-		Frunk Dmg	-	Poor		-	-	-	-	Remove
461	Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
462	Eucalyptus crebra	Narrow-leaved Ironbark	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
463	Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		+-	-	-	-	Road Road
464 465	Angophora leiocarpa Eucalyptus crebra	Smooth-barked Apple Narrow-leaved Ironbark	270 270		270 270	20.0 19.0	8.0 8.0	3.2	One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove
466	Corymbia citriodora	Spotted Gum	110		187	13.0	4.0	2.3	Regular	_	-	-	-	-	-	Typical	-	-	_	-	Typical Typical		+ -	-	-	-	Remove
467	Eucalyptus crebra	Narrow-leaved Ironbark	180		180	20.0	8.0	2.3	Regular	-	-	-		-		Typical	-	-	_	-	Typical		-	-		-	Road
468	Corymbia tessellaris	Moreton Bay Ash	140		191	12.0	5.0	2.3	Regular	-	-	_	_	-		Typical	_	-	-		Typical		+ -	-		-	Road
469	Corymbia tessellaris	Moreton Bay Ash	220		220	16.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
470	Corymbia citriodora	Spotted Gum	110		110	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
471	Corymbia citriodora	Spotted Gum	180		180	20.0	7.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
472	Corymbia citriodora	Spotted Gum	130		130	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
473	Corymbia citriodora	Spotted Gum	110		110	12.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Road
474	Corymbia citriodora	Spotted Gum	120		120	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
475	Corymbia citriodora	Spotted Gum	170		214	15.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
476	Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Road
	Eucalyptus crebra	Narrow-leaved Ironbark	180		180	15.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
478 479	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110 140		110 161	14.0 15.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		<u> </u>	-	-	-	Remove Remove
480	Corymbia citriodora	Spotted Gum	130		130	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
481	Corymbia citriodora	Spotted Gum	170		170	19.0	5.0	2.0	Regular	-	-	-	_	-	_	Typical	_	-	-	_	Typical		-	-	-	-	Remove
482	Corymbia citriodora	Spotted Gum	150		150	17.0	5.0	2.0	Regular	-	-	_	-	-	_	Typical	-	_	-	-	Typical		-	-	-	-	Remove
483	Corymbia citriodora	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
484	Corymbia citriodora	Spotted Gum	160		160	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
485	Eucalyptus tereticornis	Forest Red Gum	100		100	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
486	Corymbia citriodora	Spotted Gum	120		120	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
487	Eucalyptus crebra	Narrow-leaved Ironbark	260		316	18.0	7.0	3.8	Regular	-	-	-		-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
488	Corymbia citriodora	Spotted Gum	150		150	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
489	Corymbia citriodora	Spotted Gum	130		130	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
490	Corymbia citriodora	Spotted Gum	130		130	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
491 492	Corymbia citriodora	Spotted Gum Spotted Gum	130 120		130	17.0 14.0	5.0 3.0	2.0	Regular One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
492	Corymbia citriodora Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	120		120 120	12.0	3.0	2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
493	Eucalyptus crebra	Narrow-leaved Ironbark	310		310	16.0	7.0	3.7	One-sided		-	-	-	-	-	Typical	_	-	-	-	Typical		-	-	-	-	Remove
495	Corymbia citriodora	Spotted Gum	130		130	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
496	Eucalyptus crebra	Narrow-leaved Ironbark	180		180	14.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
497	Eucalyptus crebra	Narrow-leaved Ironbark	200		344	16.0	9.0	4.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
498	Acacia disparrima	Hickory Wattle	230		286	11.0	4.0	3.4	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
499	Corymbia citriodora	Spotted Gum	130		130	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
500	Acacia disparrima	Hickory Wattle	270		270	14.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
501	Corymbia citriodora	Spotted Gum	170		170	17.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
502	Corymbia citriodora	Spotted Gum	130		130	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
503	Corymbia citriodora	Spotted Gum	150		150	16.0	4.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
504	Corymbia citriodora	Spotted Gum	130		130	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
505	Corymbia citriodora	Spotted Gum	140		140	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
506	Acacia concurrens	Black Wattle	190		190	11.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
507	Corymbia citriodora	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
508 509	Corymbia citriodora	Spotted Gum	210		210	18.0 19.0	5.0 5.0	2.5 2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
510	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 150		200 150	20.0	7.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
511	Corymbia citriodora	Spotted Gum	180		180	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	_	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	150		150	12.0	3.0	2.2	Regular	-	-	Thinning		-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
212	, каста атэринний	chory wattic	130	<u>ı </u>	150	12.0	J.U	2.0	negulai	1		1	DIC DACK	1	1	1 001			ı		iypicai		i	i .		1	nemove

		Specim	en Details	<u> </u>							C	anopy Cond	dition Deta	nils				Trunk	Condition	Details		Faun	a Details a	nd Habitat	Value		
		Specim	en Details		[6]							opy cond	artion Dela					Trank	Condition	Details		raun	Details a	Habitat	Juiue		
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
513	- / '	Forest Red Gum	160		60	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
514	'	Hickory Wattle	150		50	9.0	5.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
515		Black Wattle	170		70	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
516 517	Eucalyptus siderophloia Eucalyptus tereticornis	Grey Ironbark Forest Red Gum	110 120		10 20	12.0 13.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
518	Corymbia intermedia	Pink Bloodwood	200		269	11.0	4.0	3.2	Regular	-	_	Thinning	Die-back	Epicormic	-	Poor	-	-	_	-	Typical		-	-	-	-	Remove
519	,	Forest Red Gum	110		10	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
520	Eucalyptus tereticornis	Forest Red Gum	120	1	20	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
521		Smooth-barked Apple	100		00	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
522	,	Hickory Wattle	150		50	10.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
523 524		Black Wattle Spotted Gum	170 150		70 50	11.0 14.0	5.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
525	,	Spotted Gum	120		20	14.0	3.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
526	,	Narrow-leaved Ironbark	290		90	20.0	10.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
527		Narrow-leaved Ironbark	250		250	19.0	9.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
528	,	Spotted Gum	170		70	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
529	Corymbia citriodora	Spotted Gum	160		71	17.0	5.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
530		Spotted Gum	190		90	18.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
531 532	- / '	Narrow-leaved Ironbark Hickory Wattle	300 140		40	23.0 6.0	10.0 3.0	3.6 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
533		Spotted Gum	260		260	18.0	7.0	3.1	Regular	_	_	-	-		-	Typical	-	-	_	-	Typical		-	-	-	-	Remove
534		Spotted Gum	130		30	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
535	,	Smooth-barked Apple	130		30	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
536	Corymbia citriodora	Spotted Gum	250	2	250	20.0	8.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
537	Eucalyptus tereticornis	Forest Red Gum	190		90	12.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
538	'	Spotted Gum	120		20	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
539	, ,	Smooth-barked Apple	120		20	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
540 541		Spotted Gum Spotted Gum	170 120		70 20	17.0 14.0	7.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
542	Corymbia citriodora	Spotted Gum	140		40	16.0	4.0	2.0	Regular	-	-	-	-		-	Typical	-		_	-	Typical		-	-	-	-	Remove
543		Spotted Gum	140		40	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
544	Corymbia citriodora	Spotted Gum	170	1	70	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
545	Corymbia citriodora	Spotted Gum	170	110 60 70 2	222	17.0	4.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
546	,	Spotted Gum	130		43	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
547	·	Spotted Gum	120		20	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
548 549	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	170 110		70 10	16.0 14.0	6.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-		-	-	Typical Typical		-	-	-	-	Remove Remove
550	,	Spotted Gum	120		20	15.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
551	,	Spotted Gum	140		40	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
552	Corymbia citriodora	Spotted Gum	130	1	30	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
553		Spotted Gum	120		20	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
554		Spotted Gum	110		10	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
555 556	,	Spotted Gum Spotted Gum	110 100		00	14.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
557	· ·	Spotted Gum	110		10	14.0	2.0	2.0	Regular	-	-	-			_	Typical	_		_	_	Typical		-	-	-	-	Remove
558	,	Spotted Gum	120		20	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
559		Spotted Gum	140		40	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
560	,	Forest Red Gum	130		30	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
561	/'	Forest Red Gum	140		40	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
562	,	Spotted Gum	120		20	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
563 564		Spotted Gum Spotted Gum	100 130		46 39	12.0 17.0	3.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
565	· ·	Spotted Gum	230		230	19.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
566		Spotted Gum	100		00	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
567	,	Forest Red Gum	120		20	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
568		Spotted Gum	140		61	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
569	,	Spotted Gum	140		52	14.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
570 571	· ·	Spotted Gum Spotted Gum	110 110		10	12.0 13.0	3.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
571		Forest Red Gum	120		20	11.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
573		Forest Red Gum	120		20	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
574	,	Spotted Gum	170		70	17.0	6.0	2.0	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
575	Corymbia citriodora	Spotted Gum	170		70	18.0	8.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
576		Spotted Gum	110		77	14.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
577	,	Spotted Gum	180		252	16.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
578		Spotted Gum	130		84	14.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
579 580	Allocasuarina luehmannii Eucalyptus crebra	Narrow-leaved Ironbark	130 200		30	10.0 16.0	3.0 6.0	2.0 3.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
581		Moreton Bay Ash	300		866	17.0	5.0	4.4	Regular	-	-	Thinning	Die-back	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
582	,	Moreton Bay Ash	230		305	16.0	5.0	3.7	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
583		Forest Red Gum	200		200	16.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
584		Forest Red Gum	200		200	15.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
585		Forest Red Gum	160		60	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
586	Eucalyptus tereticornis	Forest Red Gum	165	1	65	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

	Spacing	on Dotail	•							Car	nopy Cond	dition Date	sile				Trunk	Condition	Dotails			Eauna	Dotails a	ad Ushitst	Value			
	Specim	nen Detail	S	[6						Cai	nopy Cond	altion Deta	alis				Trunk	Condition	Details		I	Fauna	Details ai	nd Habitat	value	Ι		
Botanical Name	Common Name	frunk DBH (mm)	4dditional Trunks DBH (mm)	Fotal DBH (mm) [AS 4970-200	Height (m)	spread (m)	rree Protection Zone (m)	Canopy Form	preading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	canopy Health	-eaning	Vines	rrunk Damage	ire Damage	frunk Health	Scats	scratches	4ollows	Vest	Fermites	-labitat Value	Retention Status	4dditional Notes
587 Eucalyptus crebra	Narrow-leaved Ironbark	125		125	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-		-	-	-	Remove	
588 Eucalyptus tereticornis	Forest Red Gum	200		200	16.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
589 Eucalyptus tereticornis	Forest Red Gum	140		140	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
590 Eucalyptus tereticornis 591 Acacia disparrima	Forest Red Gum Hickory Wattle	160 160		160 160	13.0 6.0	4.0 4.0	2.0	Regular Regular	-	-	- Thinning	- Die-back	-	-	Typical Poor	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
592 Eucalyptus crebra	Narrow-leaved Ironbark	195		195	14.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
593 Eucalyptus crebra	Narrow-leaved Ironbark	170		170	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
594 Acacia disparrima	Hickory Wattle	210		210	5.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
595 Corymbia citriodora 596 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	125 200		125 200	11.0 15.0	5.0 6.0	2.0 2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
597 Eucalyptus crebra	Narrow-leaved Ironbark	170	135	217	14.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
598 Eucalyptus tereticornis	Forest Red Gum	120		120	13.0	1.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
599 Eucalyptus crebra	Narrow-leaved Ironbark	300		300	18.0	6.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
600 Corymbia citriodora 601 Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	120 185	125	120 223	12.0 13.0	3.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
602 Corymbia citriodora	Spotted Gum	160	123	160	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
603 Acacia disparrima	Hickory Wattle	170		170	4.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
604 Corymbia citriodora	Spotted Gum	185		185	16.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
605 Corymbia citriodora 606 Allocasuarina luehmannii	Spotted Gum Bull Oak	110 140		110 140	12.0 7.0	4.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
607 Allocasuarina luehmannii	Bull Oak	140		140	7.0	2.0	2.0	Regular		-		-	-	-	Typical	_	-	-	-	Typical	-		-	-	-	-	Remove	
608 Corymbia citriodora	Spotted Gum	160		160	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
609 Eucalyptus tereticornis	Forest Red Gum	230		230	16.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
610 Corymbia tessellaris	Moreton Bay Ash	140		140	7.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
611 Eucalyptus tereticornis 612 Eucalyptus crebra	Forest Red Gum Narrow-leaved Ironbark	160 185		160 185	12.0 14.0	3.0 6.0	2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	-	_	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
613 Allocasuarina luehmannii	Bull Oak	120		120	7.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
614 Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
615 Corymbia citriodora	Spotted Gum	260		260	17.0	6.0	3.1	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
616 Corymbia citriodora 617 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	275 140		275 140	18.0 11.0	6.0 3.0	3.3 2.0	Regular Regular	-	-	Thinning -	Die-back -	-	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
618 Eucalyptus tereticornis	Forest Red Gum	100		100	12.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
619 Corymbia citriodora	Spotted Gum	160		160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
620 Corymbia citriodora	Spotted Gum	175		175	15.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
621 Eucalyptus crebra 622 Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	320 180		320 180	18.0 16.0	6.0 5.0	3.8 2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
623 Acacia disparrima	Hickory Wattle	160		160	8.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
624 Allocasuarina luehmannii	Bull Oak	140	100	172	8.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
625 Eucalyptus crebra	Narrow-leaved Ironbark	120		120	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
626 Eucalyptus tereticornis 627 Eucalyptus crebra	Forest Red Gum Narrow-leaved Ironbark	100		100 110	8.0 9.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	_	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
628 Eucalyptus crebra	Narrow-leaved Ironbark	100		100	8.0	1.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
629 Eucalyptus crebra	Narrow-leaved Ironbark	100		100	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
630 Eucalyptus crebra	Narrow-leaved Ironbark	170		170	12.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
631 Eucalyptus crebra 632 Eucalyptus tereticornis	Narrow-leaved Ironbark Forest Red Gum	140		140 100	12.0 9.0	3.0 2.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
633 Eucalyptus crebra	Narrow-leaved Ironbark	125		125	12.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
634 Eucalyptus tereticornis	Forest Red Gum	150		150	13.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
635 Eucalyptus crebra 636 Eucalyptus tereticornis	Narrow-leaved Ironbark Forest Red Gum	165 165		165 165	13.0 15.0	4.0 3.0	2.0	Regular Regular		-	-	-	-	-	Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
637 Eucalyptus tereticornis	Narrow-leaved Ironbark	200		200	14.0	4.0	2.0	Regular		-	-	-	-	 -	Typical Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
638 Eucalyptus crebra	Narrow-leaved Ironbark	100		100	9.0	2.0	2.0	Regular		-	-	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-	-	Remove	
639 Eucalyptus crebra	Narrow-leaved Ironbark	125		125	8.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
640 Eucalyptus crebra 641 Eucalyptus tereticornis	Narrow-leaved Ironbark Forest Red Gum	100 190		100 190	7.0 12.0	3.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
642 Eucalyptus tereticornis	Forest Red Gum	105		105	11.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
643 Eucalyptus crebra	Narrow-leaved Ironbark	105		105	9.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
644 Eucalyptus crebra	Narrow-leaved Ironbark	105		105	8.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-		Typical	-	-	-	-	-	-	Remove	
645 Allocasuarina luehmannii 646 Allocasuarina luehmannii		110 125		110 125	8.0 9.0	3.0 2.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
647 Eucalyptus crebra	Narrow-leaved Ironbark	140		140	9.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
648 Eucalyptus siderophloia	Grey Ironbark	125		125	8.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
649 Eucalyptus crebra	Narrow-leaved Ironbark	160	1	160	9.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
650 Allocasuarina luehmannii 651 Eucalyptus tereticornis	Bull Oak Forest Red Gum	125 110	 	125 110	6.0 9.0	2.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
652 Eucalyptus tereticornis	Forest Red Gum	110	110	156	10.0	4.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical	-	-	-	-	-		Remove	
653 Acacia disparrima	Hickory Wattle	220		220	7.0	5.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
654 Eucalyptus tereticornis	Forest Red Gum	155	ļ	155	14.0	5.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
655 Allocasuarina luehmannii 656 Allocasuarina luehmannii	Bull Oak Bull Oak	100 110	1	100 110	8.0 8.0	1.0 2.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-		Typical Typical	-	-	-	-	-	-	Remove Remove	
	Bull Oak	110		110	9.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
	Bull Oak	130		130	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
659 Eucalyptus melanophloia		110 120	1	110 120	7.0 10.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
660 Eucalyptus tereticornis	Forest Red Gum	120	l	120	10.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-			Typical	-	-	-	-	-		Remove	

		Specim	en Details								Car	nopy Cond	ition Deta	ils				Trunk	Condition I	Details		Fa	auna Deta	ils and Ha	abitat Va	lue		
		Specific	Jetans		[60						Cal		Deta					Hank		2.4113				una ric	va			
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollowe		Nest	Termites	Habitat Value	Additional Notes
661	Eucalyptus tereticornis	Forest Red Gum	125		125	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
662	Eucalyptus tereticornis	Forest Red Gum	160		160	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
		Blackwood	150		150	9.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
664	,	Spotted Gum	260	200	328	18.0	7.0	3.9	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical				-	-	-	Remove
665 666		Moreton Bay Ash Moreton Bay Ash	110 100		110 100	9.0 7.0	2.0 1.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
667		Moreton Bay Ash	195	90	215	18.0	4.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		<u> </u>		-	-	-	Remove
668	Corymbia citriodora	Spotted Gum	120		120	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
669		Moreton Bay Ash	100		100	7.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
670		Bull Oak	155		155	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
671 672	Allocasuarina luehmannii Eucalyptus tereticornis	Bull Oak Forest Red Gum	130 120	-	130 120	8.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-		-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove
673	- / '	Spotted Gum	100	90	135	10.0	3.0	2.0	Regular	-	-	-	-		-	Typical	-		-	-	Typical		_		-	-	-	Remove Remove
674		Forest Red Gum	110		110	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
	- / '	Forest Red Gum	110		110	9.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical				-	-	-	Remove
676	- ''	Forest Red Gum	130		130	11.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical				-	-	-	Remove
677	Corymbia citriodora	Spotted Gum	160), 100, 110,	269	15.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
678 679	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	105 125		105 125	14.0 12.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
680	- / '	Spotted Gum	140	90, 50	174	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
681	,	Spotted Gum	100	60	117	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
682	Corymbia tessellaris	Moreton Bay Ash	165		165	12.0	4.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
	· ''	Narrow-leaved Ironbark	145		145	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
684	,	Moreton Bay Ash	165	120	165	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
685 686	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	320 270	130	345 270	23.0 21.0	7.0 5.0	4.1 3.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
687	'	Narrow-leaved Ironbark	200		200	16.0	7.0	2.4	One-sided	-	-	-	-	-	-	Typical	Minor	-	-	-	Typical		_		-	-	-	Remove
688		Spotted Gum	240		240	17.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
689	Allocasuarina luehmannii	Bull Oak	160		160	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
690	Eucalyptus tereticornis	Forest Red Gum	210		210	17.0	6.0	2.5	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
691	Eucalyptus tereticornis	Forest Red Gum	300	140	300	21.0	3.0	3.6	Regular	-	-	Thinning	Die-back	-	- Lannad	Poor	-	-	-	-	Typical				-	-	-	Remove
692 693		Forest Red Gum Spotted Gum	200 145	140	244 145	15.0 14.0	6.0 3.0	2.9	Regular Regular	-	-	-	Die-back -	-	Lopped -	Poor Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
694		Forest Red Gum	130		130	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	Frunk Dmg	-	Poor		-		-	-	-	Remove
695	- / '	Forest Red Gum	200		200	15.0	3.0	2.4	Regular	-	-	-	Die-back	-	Lopped	Typical	-	-	-	-	Typical		-		-	-	-	Remove
696	,	Spotted Gum	210		210	17.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
697	,	Hickory Wattle	165	90, 140	234	9.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
698 699	,	Spotted Gum Forest Red Gum	120 150	-	120 150	11.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
	- / '	Hickory Wattle	155	80	174	8.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
701	'	Narrow-leaved Ironbark	255		255	17.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
702	Eucalyptus crebra	Narrow-leaved Ironbark	130		130	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
703	- / '	Narrow-leaved Ironbark	250		250	17.0	5.0	3.0	Regular	-	-			-	-	Typical	-	-	-	-	Typical			_	-	-	-	Remove
704 705		Moreton Bay Ash Moreton Bay Ash	110 130	-	110 130	8.0 12.0	2.0 5.0	2.0	Regular Regular	-	-	Thinning -	Die-back -	-	-	Poor Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
705	,	Moreton Bay Ash Moreton Bay Ash	110		110	9.0	2.0	2.0	Regular	-	-	- Thinning	- Die-back	- Epicormic	-	Poor	-	-	-	-	Typical				-	-	-	Remove Remove
707		Spotted Gum	105		105	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
708	Corymbia citriodora	Spotted Gum	125		125	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	-	Remove
709		Spotted Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
	,	Spotted Gum Spotted Gum	160 130		160 130	14.0 11.0	5.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove Remove
711	· ·	Spotted Gum Spotted Gum	120	+	120	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
		Bull Oak	160	130	206	9.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
		Narrow-leaved Ironbark	380		380	17.0	7.0	4.6	One-sided	-	-	-	Die-back	-	-	Typical	-	-	Trunk Dmg	-	Poor		-		-	-	-	Remove
	- / '	Narrow-leaved Ironbark	380		380	18.0	7.0	4.6	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical			_	-	-	-	Remove
		Spotted Gum	105	155	105	13.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
717 718		Hickory Wattle Spotted Gum	180 165	155	238 165	9.0 13.0	6.0 4.0	2.9	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
	· ·	Spotted Gum	160		160	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
720		Spotted Gum	160		160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical			_	-	-	-	Remove
		Spotted Gum	155		155	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
	,	Forest Red Gum	285		285	17.0	8.0	3.4	Regular	-		Thinning	Die-back	-	-	Poor	-	-	-	-	Typical			_	-	-	-	Remove
723 724		Bull Oak Bull Oak	135 130		135 130	8.0 9.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
		Bull Oak	105		105	7.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
		Narrow-leaved Ironbark	130		130	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
727	Corymbia citriodora	Spotted Gum	260		260	19.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
728		Bull Oak	120		120	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove
729 730	,	Spotted Gum Forest Red Gum	190 165		190	16.0 14.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical				-	-	-	Remove Remove
		Bull Oak	130		165 130	9.0	6.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical				-	-	-	Remove Remove
		Spotted Gum	120		120	12.0	1.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		_		-	-		Remove
732																												
	Corymbia citriodora	Spotted Gum Spotted Gum	175 260		175 260	14.0 22.0	5.0 7.0	2.1 3.1	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-		-	-	-	Remove

		Specim	en Details	s							Ca	nopy Cond	lition Deta	nils				Trunk	Condition I	Details		Faur	a Details a	nd Habitat	Value		
		Specific	Jetans		[60						Ca							Trank	- C. GIGIOII			, au	a	- a naznat			
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
735		Hickory Wattle	185		185	8.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	<u> </u>	-	Remove
736		Bull Oak	230		230	12.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
737	Allocasuarina luehmannii		275		275	14.0	8.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
738		Bull Oak	130		130	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
739 740		Bull Oak Narrow-leaved Ironbark	210 470		210 470	11.0 27.0	4.0 12.0	2.5 5.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
740		Forest Red Gum	210		210	16.0	7.0	2.5	Regular	-	-	-		_	-	Typical	_		-		Typical		-	-	-	-	Remove
742	- / '	Bull Oak	180		180	14.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
743	Corymbia citriodora	Spotted Gum	170		170	17.0	5.0	2.0	Regular	-	-	-	-	,	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
744		Spotted Gum	100		100	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
745		Early Black Wattle	150		150	8.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
746 747		Spotted Gum	130	90.90	130 192	9.0	3.0 4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
747		Forest Red Gum Moreton Bav Ash	155 130	80, 80 80	153	9.0	3.0	2.3	Regular Regular	-	-	-		-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove
749	,	Spotted Gum	130		130	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
750		Spotted Gum	310		310	19.0	8.0	3.7	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
751	Corymbia citriodora	Spotted Gum	220		220	17.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
752	Eucalyptus tereticornis	Forest Red Gum	200		200	13.0	5.0	2.4	Regular	-	-	-	-	-	-]	Typical	-	-	- 1		Typical		-	-	-	-	Remove
753	Eucalyptus tereticornis	Forest Red Gum	150		150	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
754	Eucalyptus tereticornis	Forest Red Gum	130	125	180	10.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
755 756		Spotted Gum Moreton Bay Ash	270 150	95	270 178	17.0 9.0	7.0 4.0	3.2 2.1	Regular Regular	-	-	-	-	-	-	Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
757		Moreton Bay Ash	130	93	130	7.0	2.0	2.0	Regular	-	-	-		-	-	Typical Typical	_		_		Typical		-	_	-	-	Remove
758		Spotted Gum	260		260	15.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
759	,	Hickory Wattle	230		230	9.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
760	Eucalyptus tereticornis	Forest Red Gum	185		185	11.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
761	Corymbia citriodora	Spotted Gum	175		175	16.0	6.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
762	,	Spotted Gum	150		150	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
763	,	Spotted Gum	130		130	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
764 765	Eucalyptus tereticornis Corymbia tessellaris	Forest Red Gum Moreton Bay Ash	215 110		215 110	16.0 7.0	5.0 3.0	2.6 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
766		Spotted Gum	125		125	12.0	3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	_		Typical		-	-	-	-	Remove
767	,	Spotted Gum	145		145	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
768	,	Spotted Gum	195		195	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
769	Corymbia citriodora	Spotted Gum	230		230	16.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
770	Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
771	Corymbia citriodora	Spotted Gum	180	160, 75	252	13.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
772		Spotted Gum Forest Red Gum	195		195	14.0 12.0	5.0 4.0	2.3	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	//	Forest Red Gum	165 200		165 200	16.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical Typical		-	-		Typical Typical		-	-	-	-	Remove Remove
775	- ''	Spotted Gum	130		130	12.0	4.0	2.0	Regular	_	-	-	_	-	_	Typical	_	_	_		Typical		_	-	_	-	Remove
776		Spotted Gum	125	90	154	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
777	Corymbia citriodora	Spotted Gum	140		140	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
778		Forest Red Gum	340		340	19.0	7.0	4.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
779		Bull Oak	160		160	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
780 781		Spotted Gum Forest Red Gum	165 290		165 290	13.0 18.0	5.0 7.0	2.0 3.5	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
781	- ''	Forest Red Gum	340	+	340	18.0	7.0	4.1	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		+ -	-	-	-	Remove Remove
783		Spotted Gum	130	90	158	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
784		Forest Red Gum	105		105	9.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
785	•	Moreton Bay Ash	175		175	13.0	4.0	2.1	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
786		Spotted Gum	230		230	17.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
787		Spotted Gum	220	75	232	18.0 16.0	5.0 5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
788 789	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	200 170	+	200 170	15.0	4.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
789		Spotted Gum	220	+	220	16.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
791		Pink Bloodwood	200		200	12.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
792		Forest Red Gum	155		155	12.0	5.0	2.0	Regular	-	-	-	-	-		Typical		-	-	_	Typical		-	-	-	-	Remove
793		Narrow-leaved Ironbark	270		270	17.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
794		Narrow-leaved Ironbark	170		170	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
795		Narrow-leaved Ironbark	280	-	280	20.0	5.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
796		Spotted Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
797 798		Spotted Gum Spotted Gum	240 105	+	240 105	20.0 12.0	6.0 2.0	2.9	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
799		Forest Red Gum	140	+	140	11.0	2.0	2.0	Regular	-	-	-	-	-	_	Typical	-	-	-	-	Typical		-	-	-	-	Remove
800	- ''	Spotted Gum	210		210	18.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
801	•	Forest Red Gum	100		100	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
802	Eucalyptus crebra	Narrow-leaved Ironbark	300		300	23.0	7.0	3.6	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
803		Spotted Gum	200		200	16.0	6.0	2.4	Regular	-	-	-			-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
804		Narrow-leaved Ironbark	220	430	220	17.0	4.0	2.6	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
805		Hickory Wattle	165	130	210	10.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
806 807		Hickory Wattle Hickory Wattle	165 195	+	165 195	9.0 9.0	6.0 5.0	2.0	Regular Regular	-	-	-	-	-		Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Spotted Gum	200	 	200	17.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
000	corymora ciaroadia	Spotted dulli	200	i	200	17.0	0.0	∠.→	negulai	i					ı	rypical			1		iypicai	L	1	1		1	nemove

	Spacim	on Dotaile	•							Car	nony Con	dition Deta	aile				Trunk	Condition	Dotails			Eauna	Dotails a	nd Habitat	Value			
	Specini	en Detail:	, 	[6						Cai	пору соп	litton Deta	alis				Trunk	Condition	Details			raulia	Details at	парітат	value			
Botanical Name © इ	Common Name	Frunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Frunk Health	Scats	Scratches	Hollows	Nest	Termites	Habitat Value	Retention Status	Additional Notes
809 Corymbia citriodora	Spotted Gum	145	135	198	13.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
810 Corymbia citriodora	Spotted Gum	140		140	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
811 Corymbia citriodora	Spotted Gum	200		200	17.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
812 Corymbia citriodora	Spotted Gum	180		180	14.0	5.0	2.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
813 Corymbia citriodora	Spotted Gum	190		190	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
814 Corymbia citriodora 815 Corymbia citriodora	Spotted Gum Spotted Gum	265 110		265 110	17.0 11.0	6.0 1.0	3.2 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical		-	-	-	Typical Typical	-	-	-	-	-		Remove Remove	
816 Corymbia citriodora	Spotted Gum	190		190	15.0	5.0	2.3	Regular		-		-	-	-	Typical	-	-	_	-	Typical	-	-	-	_	_	-	Remove	
817 Eucalyptus crebra	Narrow-leaved Ironbark	290		290	19.0	7.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
818 Corymbia citriodora	Spotted Gum	140		140	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
819 Corymbia citriodora	Spotted Gum	100		100	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
820 Eucalyptus crebra	Narrow-leaved Ironbark	110		110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
821 Eucalyptus crebra 822 Acacia disparrima	Narrow-leaved Ironbark Hickory Wattle	250 160		250 160	19.0 6.0	6.0 5.0	3.0 2.0	Regular Regular		-	-	-	-	+ -	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
823 Acacia disparrima	Hickory Wattle	210		210	8.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
824 Eucalyptus crebra	Narrow-leaved Ironbark	265		265	16.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	ı	-	-	-	Remove	
825 Corymbia citriodora	Spotted Gum	130		130	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
826 Eucalyptus crebra	Narrow-leaved Ironbark	300	ļ	300	22.0	5.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
827 Corymbia citriodora	Spotted Gum	210 145		210	17.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
828 Corymbia citriodora 829 Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	280	130	145 309	13.0 22.0	3.0 7.0	2.0 3.7	Regular Regular		-		-	-	+ -	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
830 Acacia disparrima	Hickory Wattle	165	150	165	9.0	7.0	2.0	Regular	-	-	_	_	_	_	Typical	_	_	_	-	Typical	_	_	_	_	_	_	Remove	
831 Corymbia citriodora	Spotted Gum	140		140	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
832 Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
833 Corymbia tessellaris	Moreton Bay Ash	100		100	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
834 Eucalyptus tereticornis	Forest Red Gum	125		125	10.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
835 Eucalyptus tereticornis 836 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	120 195		120 195	8.0 17.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
837 Corymbia citriodora	Spotted Gum	200	100, 65	233	16.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
838 Corymbia citriodora	Spotted Gum	145	100,00	145	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
839 Corymbia citriodora	Spotted Gum	160		160	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
840 Corymbia citriodora	Spotted Gum	165		165	14.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
841 Corymbia citriodora 842 Corymbia citriodora	Spotted Gum	165 160	120 110 10	165	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
842 Corymbia citriodora 843 Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	285	120, 110, 10 165	304 329	16.0 18.0	6.0 7.0	3.7 4.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
844 Eucalyptus crebra	Narrow-leaved Ironbark	190	103	190	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
845 Corymbia citriodora	Spotted Gum	140		140	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	·	-	-	-	Remove	
846 Corymbia citriodora	Spotted Gum	185		185	14.0	2.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	,		-	-	Remove	
847 Corymbia citriodora	Spotted Gum	260	110	260	16.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
848 Eucalyptus tereticornis 849 Corymbia citriodora	Forest Red Gum Spotted Gum	100 170	110	149 170	10.0 14.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
850 Corymbia citriodora	Spotted Gum	150		150	14.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
851 Corymbia citriodora	Spotted Gum	160		160	12.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
852 Acacia disparrima	Hickory Wattle	165		165	9.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
853 Acacia disparrima	Hickory Wattle	240		240	9.0	5.0	2.9	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
854 Acacia disparrima	Hickory Wattle	130	120	177	9.0	4.0	2.1	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
855 Acacia disparrima 856 Corymbia citriodora	Hickory Wattle Spotted Gum	155 145	140	209 145	9.0 13.0	5.0 2.0	2.5 2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
857 Corymbia citriodora	Spotted Gum	165		165	12.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
858 Eucalyptus crebra	Narrow-leaved Ironbark	300		300	17.0	6.0	3.6	One-sided	-	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
859 Eucalyptus crebra	Narrow-leaved Ironbark	185		185	15.0	6.0	2.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-		Remove	
860 Eucalyptus crebra	Narrow-leaved Ironbark	200	ļ	200	18.0	5.0	2.4	Regular		-	- Thinning	- Die back	- Enicormi	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
861 Eucalyptus crebra 862 Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	155 240	<u> </u>	155 240	16.0 17.0	2.0 7.0	2.0 2.9	Regular Regular		-	Thinning -	Die-back -	Epicormi	c - -	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
863 Corymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.9	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
864 Corymbia intermedia	Pink Bloodwood	180		180	13.0	6.0	2.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
865 Eucalyptus crebra	Narrow-leaved Ironbark	135		135	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
866 Eucalyptus crebra	Narrow-leaved Ironbark	230		230	16.0	8.0	2.8	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
867 Corymbia citriodora 868 Acacia disparrima	Spotted Gum	130 160		130 160	13.0 9.0	4.0 4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
868 Acacia disparrima 869 Eucalyptus crebra	Hickory Wattle Narrow-leaved Ironbark	170	<u> </u>	170	16.0	4.0	2.0	Regular Regular		-		-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
870 Eucalyptus crebra	Narrow-leaved Ironbark	265		265	17.0	5.0	3.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
871 Corymbia citriodora	Spotted Gum	145		145	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	ī	-	-	-	Remove	
872 Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
873 Corymbia citriodora	Spotted Gum	125	120	125	12.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
874 Corymbia citriodora 875 Corymbia citriodora	Spotted Gum Spotted Gum	120 165	130 135	177 213	12.0 13.0	3.0 4.0	2.1 2.6	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
876 Corymbia citriodora	Spotted Gum	125	1.55	125	13.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
877 Corymbia citriodora	Spotted Gum	125		125	12.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	_	Typical	-	-	-	-	_		Remove	
878 Corymbia citriodora	Spotted Gum	105		105	12.0	1.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
879 Corymbia citriodora	Spotted Gum	220	ļ	220	18.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
880 Corymbia citriodora 881 Corymbia intermedia	Spotted Gum Pink Bloodwood	155 165	140, 120	155 247	13.0 13.0	4.0 5.0	2.0 3.0	Regular Regular	-	-	- Thinning	- Die-back	- Epicormi		Typical Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
882 Acacia disparrima	Hickory Wattle	165	170, 120	165	11.0	5.0	2.0	Regular		-		- Die-back		-	Typical	-	-	-	-	Typical	-	-	-	-	-	 	Remove	
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	Spacim	on Dotail	•							Ca	nany Can	dition Deta	sile				Trunk	Candition	Dotails			Eauna	Dotails a	ad Ushitst	Value			
	Specim	nen Detail	s 	[6]	Ι					Ca	nopy Con	altion Deta	alis				Trunk	Condition	Details			Fauna	Details ai	nd Habitat	value	Ι		
Botanical Name	Common Name	runk DBH (mm)	علاط Trunks DBH (mm)	rotal DBH (mm) [AS 4970-200	deight (m)	s pread (m)	rree Protection Zone (m)	anopy Form	preading	seeding	Thinning	Jie-Back	picormic Growth	opped	anopy Health	eaning	/ines	rrunk Damage	ire Damage	rrunk Health	scats	icratches	4ollows	Vest	Termites	Habitat Value	Retention Status	Additional Notes
883 Corymbia citriodora	Spotted Gum	170		170	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
884 Corymbia citriodora	Spotted Gum	150		150	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
885 Eucalyptus crebra	Narrow-leaved Ironbark	190		190	16.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
886 Acacia disparrima 887 Corymbia citriodora	Hickory Wattle Spotted Gum	200 130		200 130	9.0 16.0	5.0 2.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
888 Corymbia citriodora	Spotted Gum	130		130	16.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
889 Corymbia citriodora	Spotted Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
890 Corymbia citriodora	Spotted Gum	130		130	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
891 Eucalyptus tereticornis 892 Corymbia citriodora	Forest Red Gum Spotted Gum	150 160	160	150 226	12.0 14.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	- Trunk Dma	-	Typical Poor	-	-	-	-	-	-	Remove Remove	
893 Corymbia citriodora	Spotted Gum	170	100	170	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
894 Eucalyptus crebra	Narrow-leaved Ironbark	190		190	18.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
895 Eucalyptus crebra	Narrow-leaved Ironbark	195		195	16.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
896 Corymbia citriodora 897 Corymbia citriodora	Spotted Gum Spotted Gum	100		100 135	11.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
898 Corymbia citriodora	Spotted Gum	125		125	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-		-	-	-	Remove	
899 Corymbia citriodora	Spotted Gum	125		125	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
900 Eucalyptus crebra	Narrow-leaved Ironbark	230		230	17.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
901 Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
902 Corymbia citriodora 903 Corymbia citriodora	Spotted Gum Spotted Gum	125 130		125 130	12.0 15.0	3.0 5.0	2.0	Regular Regular	-	-		-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
904 Eucalyptus crebra	Narrow-leaved Ironbark	165		165	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
905 Corymbia citriodora	Spotted Gum	110		110	8.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
906 Corymbia citriodora	Spotted Gum	165	150, 100	244	15.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
907 Corymbia citriodora 908 Corymbia citriodora	Spotted Gum Spotted Gum	195 200	80 100	211 224	16.0 15.0	5.0 5.0	2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
909 Corymbia citriodora	Spotted Gum	175	100	175	14.0	5.0	2.7	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical	-	-		-	-	-	Remove	
910 Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
911 Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
912 Corymbia citriodora	Spotted Gum	160		160	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
913 Corymbia citriodora 914 Corymbia citriodora	Spotted Gum Spotted Gum	140 180		140 180	12.0 13.0	3.0 4.0	2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
915 Corymbia citriodora	Spotted Gum	185		185	14.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
916 Corymbia citriodora	Spotted Gum	155		155	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
917 Corymbia citriodora	Spotted Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
918 Eucalyptus crebra 919 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	200 250		200 250	16.0 16.0	5.0 5.0	2.4 3.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
920 Corymbia citriodora	Spotted Gum	140	100	172	12.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
921 Corymbia citriodora	Spotted Gum	120	100	156	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
922 Corymbia citriodora	Spotted Gum	100	170	100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
923 Corymbia citriodora 924 Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	185 100	170	251 100	13.0 9.0	5.0 3.0	3.0 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
925 Corymbia citriodora	Spotted Gum	255		255	17.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
926 Corymbia citriodora	Spotted Gum	130		130	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
927 Corymbia citriodora	Spotted Gum	135		135	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
928 Acacia disparrima 929 Eucalyptus crebra	Hickory Wattle Narrow-leaved Ironbark	180 380		180 380	6.0 21.0	5.0 8.0	2.2 4.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	<u> </u>
930 Corymbia citriodora	Spotted Gum	120		120	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
931 Eucalyptus crebra	Narrow-leaved Ironbark	160		160	12.0	5.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
932 Eucalyptus crebra	Narrow-leaved Ironbark	210		210	18.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
933 Acacia disparrima 934 Corymbia citriodora	Hickory Wattle Spotted Gum	270 150		270 150	9.0 14.0	8.0 4.0	3.2 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
935 Allocasuarina luehmanni	Bull Oak	160		160	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
936 Acacia disparrima	Hickory Wattle	200		200	9.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
937 Corymbia citriodora	Spotted Gum	195		195	13.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
938 Acacia disparrima 939 Corymbia citriodora	Hickory Wattle Spotted Gum	160 160		160 160	7.0 17.0	5.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
940 Corymbia citriodora	Spotted Gum	175		175	14.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
941 Corymbia citriodora	Spotted Gum	155		155	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
942 Corymbia citriodora	Spotted Gum	260		260	17.0	8.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
943 Corymbia citriodora 944 Corymbia citriodora	Spotted Gum Spotted Gum	120 120		120 120	12.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
945 Corymbia citriodora	Spotted Gum Spotted Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
946 Corymbia citriodora	Spotted Gum	195		195	15.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
947 Eucalyptus crebra	Narrow-leaved Ironbark	125		125	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
948 Corymbia citriodora	Spotted Gum	140	1	140	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
949 Corymbia citriodora 950 Corymbia citriodora	Spotted Gum Spotted Gum	145 120		145 120	13.0 12.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
951 Corymbia citriodora	Spotted Gum	130		130	12.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical	-	-	-	-			Remove	
952 Corymbia citriodora	Spotted Gum	160		160	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
953 Corymbia citriodora	Spotted Gum	170	145 100	170	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
954 Corymbia citriodora 955 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	145 110	145, 100	228 110	15.0 9.0	6.0 2.0	2.7	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
956 Corymbia citriodora	Spotted Gum	170	125	211	15.0	3.0	2.5	Regular	-	-	-	-	-		Typical	-	-	-		Typical	-	-	-	-	-		Remove	
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Part		Specini	ien Details		[6						Ca	пору соп	illion Deta					ITUIK	Condition	Details			raulia	Details at	парітат	value			
The control of the	Botanical Name	Common Name	frunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Free Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	Canopy Health	Leaning	Vines	Frunk Damage	Fire Damage	Frunk Health	Scats	Scratches	Hollows	Nest	Termites	Habitat Value	Retention Status	Additional Notes
The Conference of Specific Birds 10	957 Corymbia citriodora	Spotted Gum	200		200	14.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	i-	-	Typical	-	-	-	-	-	-		
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No. Company Company	963 Eucalyptus tereticornis	Forest Red Gum	120		120	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
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George Computer	983 Corymbia citriodora	Spotted Gum	220		220	15.0	4.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
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1000 Corymbic drinkforder Sported Gum 145 145 130 120 120 Regular		† '					+			-					-		-	-	-	-	<i>,</i> .						-		
1003 Corpmite criterious Spotted Guam 130 130 12							+		_	-					-		-	-	-	-		-					-		
1006 Commis citriodors Sported Gum 120									,	-	-	-	-	-	-		-	-	-	-		-	-	i	-	-	-		
1006 Corpubic cirriodors Sported Gum 110 110 110 110 110 110 110 110 110 110 110 120 120 Regular	- '	† '							_						-		-			-		-				1	-		
100									_						-					-									
1006		ļ '							·							-	-			-		-							
100 Corymbia citriodora Spotted Gum 140 140 120 40 20 Regular Typical Typical Typical Remove	- '	1		50					_						-		-			-							-		
1010 Corymbia citriodara Sported Gum 170 170 140 50 2.0 Regular Typical Typica	,								,								-												
1011 Coymbia citriodora Spotted Gum 170 170 140 40 2.0 Regular		ļ '							·						-							-							
1012 Eucalyptus tereiticamis Forest Red Gum 100 100 100 100 2.0 2.0 Regular	- '	† '					+										-					-							
1014 Corymbia cliriodora Spotted Gum 120 120 120 120 2.0 Regular Typical Typical Remove									,	-	-	-	-	-	-	,.	-	-	-	-	<i>,</i> .	-	-	-	-	-	-		
1015 Commis citriodora Commis citriodora									·						-		-			-						-	-		
1016 Eucalyptus crebra Narrow-leaved Ironbark 250 250 19.0 5.0 3.0 Regular Typical									_	-					-		-			-							-		
1018 Eucalyptus tereticomis Forest Red Gum 100 100 141 9,0 3,0 2,0 Regular Typical																	-												
1019 Corymbia citriodora Spotted Gum 110 110 110 120 2.0 2.0 Regular Typical									_						-		-			-		_					-		
1020 Corymbia citriodora Spotted Gum 125 125 12.0 2.0 2.0 Regular Typical Ty		1		100			+			-					-		-			-	<i>,</i> .	_					-		
1021 Corymbia citriodora Spotted Gum 100 110 110 110 120 Regular Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical -									_	-					-		-			-							-		
1023 Corymbia citriodora Spotted Gum 220 220 14.0 5.0 2.6 Regular Typical Typical Typical Typical Typical Typical Remove Remo		ļ '													-		-												
1024 Corymbia citriodora Spotted Gum 270 17.0 6.0 3.2 Regular - - - - - - Typical -	- '	† '							_						-		-			1		-				1	1		
1025 Corymbia citriodora Spotted Gum 130 130 130 4.0 2.0 Regular - - - - - - Typical -									_											-									,
1026 Eucalyptus tereticomis Forest Red Gum 145 145 13.0 4.0 2.0 Regular - - - - - - Typical -		ļ '								-					-	-	-			-	, .						-		
1028 Corymbia citriodora Spotted Gum 170 170 17.0 5.0 2.0 Regular - - - - - Typical -	1026 Eucalyptus tereticornis	Forest Red Gum	145		145	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	- 1	Typical	-	-	-	-	-	-		
1029 Corymbia citriodora Spotted Gum 130 130 12.0 3.0 2.0 Regular Typical Typical Typical Remove		ļ '													-		-			-	, .						-		,
		† '													-		-			-		-					-		
1030 Conyntinua cianodona Tappical - - - - - - - - -	1030 Corymbia citriodora	Spotted Gum	130		130	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical	-	-	-	-	-		Remove	

	Su a simo	on Dotaile								Camanu Ca	andition Det	-:l-				Turnels	Candisian	Details			Fa	Details	ad Wahitat	Value			
	Specim	en Details	s 	[6						Canopy Co	ndition Det	aiis				Trunk	Condition	Details			Fauna	Details ai	nd Habitat	value			
Botanical Name	Common Name	frunk DBH (mm)	4dditional Trunks DBH (mm)	Fotal DBH (mm) [AS 4970-200	-leight (m)	Spread (m)	ree Protection Zone (m)	Canopy Form	Spreading Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	Canopy Health	-eaning	Vines	rrunk Damage	ire Damage	rrunk Health	Scats	scratches	4ollows	Vest	Fermites	-labitat Value	Retention Status	4dditional Notes
1031 Corymbia citriodora	Spotted Gum	770		770	26.0	14.0	9.2	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1032 Corymbia citriodora	Spotted Gum	145		145	13.0	4.0	2.0	One-sided		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1033 Corymbia citriodora	Spotted Gum	125	40, 40	137	12.0	3.0	2.0	Regular		-	-	-	-	Typical	-	-	-		Typical	-	-	-		-	-	Remove	
1034 Corymbia citriodora 1035 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	155 155		155 155	12.0 12.0	4.0 5.0	2.0	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
1036 Eucalyptus tereticornis	Forest Red Gum	100		100	8.0	3.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1037 Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	2.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1038 Corymbia citriodora	Spotted Gum	130		130	13.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1039 Corymbia citriodora 1040 Acacia disparrima	Spotted Gum Hickory Wattle	100 220	200	100 297	11.0 10.0	2.0 8.0	2.0 3.6	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1041 Eucalyptus tereticornis	Forest Red Gum	100	85	131	10.0	2.0	2.0	Regular		Thinnir	g Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1042 Eucalyptus crebra	Narrow-leaved Ironbark	110		110	8.0	2.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1043 Eucalyptus tereticornis	Forest Red Gum	100		100	8.0	1.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
1044 Corymbia tessellaris 1045 Eucalyptus melanophloia	Moreton Bay Ash Silver-leaved Ironbark	120 250		120 250	9.0 11.0	2.0 6.0	2.0 3.0	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1045 Eucalyptus melanophiola 1046 Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	2.0	2.0	Regular		-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1047 Corymbia citriodora	Spotted Gum	150	145 125	243	17.0	5.0	2.9	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1048 Corymbia citriodora	Spotted Gum	120		120	16.0	2.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
1049 Allocasuarina luehmannii 1050 Allocasuarina luehmannii	Bull Oak Bull Oak	100	110 100	149 141	8.0 8.0	4.0	2.0	Regular Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
1051 Corymbia citriodora	Spotted Gum	150	90	175	16.0	3.0 5.0	2.0	Regular		+ -	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
1052 Corymbia citriodora	Spotted Gum	160		160	18.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1053 Corymbia citriodora	Spotted Gum	120	80	144	14.0	5.0	2.0	One-sided		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1054 Corymbia citriodora	Spotted Gum	130		130	14.0	2.0	2.0	One-sided		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1055 Eucalyptus tereticornis 1056 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	120 140		120 140	14.0 14.0	4.0 4.0	2.0	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1057 Corymbia citriodora	Spotted Gum	270		270	4.0	1.0	3.2	Regular		-	-	Epicormi	c Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1058 Corymbia citriodora	Spotted Gum	160		160	16.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1059 Eucalyptus tereticornis	Forest Red Gum	230		230	17.0	5.0	2.8	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1060 Eucalyptus crebra 1061 Acacia disparrima	Narrow-leaved Ironbark Hickory Wattle	180 180	115	180 214	14.0 6.0	4.0 5.0	2.2	One-sided Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1062 Corymbia citriodora	Spotted Gum	150	113	150	15.0	3.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1063 Corymbia tessellaris	Moreton Bay Ash	150		150	12.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1064 Acacia disparrima	Hickory Wattle	130	110	170	10.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1065 Corymbia citriodora 1066 Corymbia citriodora	Spotted Gum Spotted Gum	220 140		220 140	18.0 14.0	5.0 4.0	2.6	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1067 Eucalyptus tereticornis	Forest Red Gum	165		165	15.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1068 Corymbia citriodora	Spotted Gum	250	140	287	19.0	8.0	3.4	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1069 Eucalyptus tereticornis	Forest Red Gum	115		115	12.0	3.0	2.0	Regular		-	- Die beet	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1070 Corymbia citriodora 1071 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	270 240		270 240	19.0 17.0	8.0 6.0	3.2 2.9	Regular Regular		-	Die-back	-	-	Exellent Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	previously logged
1072 Eucalyptus siderophloia	Grey Ironbark	240		240	13.0	6.0	2.9	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	previously logged
1073 Corymbia citriodora	Spotted Gum	260		260	11.0	5.0	3.1	Regular		-	-	Epicormi	c Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1074 Corymbia citriodora	Spotted Gum	110		110	10.0	3.0	2.0	Regular		-	- Die beet	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1075 Corymbia citriodora 1076 Corymbia citriodora	Spotted Gum Spotted Gum	110 210		110 210	12.0 18.0	3.0 5.0	2.0	One-sided Regular		-	Die-back -	- Epicormi	- C -	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
,	Moreton Bay Ash	160		160	13.0	3.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
,, , , , , , , , , , , , , , , , , , ,	Silver-leaved Ironbark	150		150	9.0	2.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1079 Corymbia tessellaris 1080 Corymbia citriodora	Moreton Bay Ash Spotted Gum	235 100		235 100	20.0 12.0	6.0 3.0	2.8	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1080 Corymbia citriodora 1081 Corymbia tessellaris	Moreton Bay Ash	250		250	16.0	6.0	3.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1082 Eucalyptus tereticornis	Forest Red Gum	210		210	16.0	3.0	2.5	Regular		-	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-	-	Remove	
1083 Corymbia citriodora	Spotted Gum	170		170	16.0	5.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1084 Allocasuarina luehmannii 1085 Allocasuarina luehmannii	Bull Oak	210 160		210 160	15.0 14.0	5.0 3.0	2.5	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
	Bull Oak	180		180	13.0	4.0	2.2	One-sided		-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1087 Eucalyptus crebra	Narrow-leaved Ironbark	215		215	19.0	6.0	2.6	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
	Bull Oak	240		240	14.0	4.0	2.9	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1089 Allocasuarina luehmannii 1090 Corymbia tessellaris	Bull Oak Moreton Bay Ash	150 155		150 155	13.0 13.0	3.0 3.0	2.0	Regular One-sided		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1090 Corymola tessellaris 1091 Allocasuarina luehmannii	Bull Oak	180		180	13.0	4.0	2.2	Regular		-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	
	Bull Oak	170		170	12.0	4.0	2.0	Regular		-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
1093 Allocasuarina luehmannii	Bull Oak	150	ļ	150	10.0	4.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1094 Allocasuarina luehmannii 1095 Corymbia citriodora	Bull Oak Spotted Gum	270 140		270 140	12.0 14.0	6.0 4.0	3.2 2.0	Regular Regular		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1096 Corymbia citriodora	Spotted Gum	145		145	16.0	4.0	2.0	Regular		-	-	-		Typical		-	-	-	Typical	-	-	-	-	-	-	Remove	
1097 Corymbia citriodora	Spotted Gum	110		110	13.0	4.0	2.0	Regular		-	-	-	-	Typical	Major	-	-	-	Typical	-	-	-	-	-	-	Remove	
1098 Corymbia citriodora	Spotted Gum Spotted Gum	150 100	80	150 128	15.0 12.0	4.0 3.0	2.0	Regular Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1099 Corymbia citriodora 1100 Corymbia citriodora	Spotted Gum Spotted Gum	165	00	165	20.0	3.0	2.0	Regular		-	Die-back	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1101 Corymbia citriodora	Spotted Gum	165		165	14.0	3.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1102 Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
	Bull Oak Hickory Wattle	220 140	100.70	220 186	14.0 9.0	5.0 6.0	2.6	Regular Regular		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1104 Acacia disparrima	incrois Walle	140	100 70	100	9.0	0.0	2.2	negular			-	-	-	Typical	- 1	-	-	-	Typical	-	-	-	-	-		Remove	

		Specim	en Details								C	anopy Con	dition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specific	J. Details	6								, con	set					Tank				, au	c.uiis a	Liubitat			
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm) Total DBH (mm) [AS 4970-200	:	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1105	Acacia disparrima	Hickory Wattle	140	130 19	1	9.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1106	Acacia disparrima	Hickory Wattle	170	17		7.0	8.0	2.0	Regular	-	-	-	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1107	Corymbia citriodora	Spotted Gum	140	14		17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1108 1109	Corymbia citriodora	Spotted Gum Spotted Gum	130 260	13 26		13.0 18.0	3.0 8.0	2.0 3.1	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1110	Corymbia citriodora Corymbia citriodora	Spotted Gum	150	15		14.0	5.0	2.0	Regular Regular	-		-	_	_	_	Typical Typical	-	_	_		Typical Typical		-	-	_		Remove Remove
1111	Corymbia citriodora	Spotted Gum	160	16		18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1112	Corymbia citriodora	Spotted Gum	180	18		17.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1113	Eucalyptus tereticornis	Forest Red Gum	125	12	5	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1114	Corymbia citriodora	Spotted Gum	150	115 18		12.0	4.0	2.3	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1115	Eucalyptus siderophloia	Grey Ironbark	260	26		18.0	5.0	3.1	Regular	-	-	-	-	Epicormic	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1116 1117	Eucalyptus siderophloia Acacia disparrima	Grey Ironbark Hickory Wattle	170 150	80 17		16.0 10.0	4.0 6.0	2.0 2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1118	Eucalyptus siderophloia	Grey Ironbark	180	110 21		17.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1119	Eucalyptus tereticornis	Forest Red Gum	100	10		13.0	2.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1120	Eucalyptus crebra	Narrow-leaved Ironbark	230	23	0	17.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1121	Acacia disparrima	Hickory Wattle	145	14		12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1122	Acacia disparrima	Hickory Wattle	180	180 25		12.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1123 1124	Eucalyptus crebra Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	250 155	25 15		21.0 16.0	6.0 5.0	3.0 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1124	Acacia disparrima	Spotted Gum Hickory Wattle	170	100 90 21		7.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1126	Acacia disparrima	Hickory Wattle	150	140 130 24		6.0	7.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1127	Corymbia citriodora	Spotted Gum	210	21		21.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1128	Eucalyptus tereticornis	Forest Red Gum	140	14	0	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1129	Acacia concurrens	Black Wattle	165	16		11.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1130	Eucalyptus tereticornis	Forest Red Gum	140	14		15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1131	Eucalyptus tereticornis	Forest Red Gum	135	13		11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1132 1133	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	110 150	11 15		10.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1134	Eucalyptus siderophloia	Grey Ironbark	150	15		10.0	4.0	2.0	One-sided	-	-	-	_	_	-	Typical	-	-	-		Typical		-	-	_	_	Remove
1135	Corymbia citriodora	Spotted Gum	215	21		18.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1136	Eucalyptus tereticornis	Forest Red Gum	120	12	0	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1137	Eucalyptus tereticornis	Forest Red Gum	100	10		12.0	3.0	2.0	Regular	-	·	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
1138	Eucalyptus tereticornis	Forest Red Gum	145	14		10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1139 1140		Grey Ironbark Hickory Wattle	90 180	90 12 120 140 25		9.0 9.0	4.0 6.0	2.0 3.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1140	Acacia disparrima Corymbia tessellaris	Moreton Bay Ash	160	120 140 23		14.0	5.0	2.0	Regular	-	-	-	_	_	-	Typical	-	-	-		Typical		-	-	_	_	Remove
1142	Corymbia tessellaris	Moreton Bay Ash	120	12		11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1143	Corymbia tessellaris	Moreton Bay Ash	100	10	0	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	100	10		12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	140	14		14.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1146 1147	Corymbia citriodora	Spotted Gum Grey Ironbark	120 260	12 26		13.0 20.0	3.0 8.0	2.0 3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1147	/' '	Narrow-leaved Ironbark	140	14		15.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	_	Typical Typical		-	-	_	_	Remove Remove
1149	,,	Hickory Wattle	180	18		9.0	7.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1150		Spotted Gum	115	11		13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1151	,	Spotted Gum	100	10		10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	100	10		12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1153 1154	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	160 100	16 10		16.0 12.0	4.0 3.0	2.0	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymbia citriodora	Spotted Gum	165	16		17.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1156	,	Spotted Gum	100	10		13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1157		Forest Red Gum	150	15		13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1158	Corymbia citriodora	Spotted Gum	150	15		15.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1159	Eucalyptus tereticornis	Forest Red Gum	210	21		17.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1160 1161	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	130 105	13 10		17.0 11.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
1161	Eucalyptus tereticornis	Forest Red Gum	170	10		15.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1163	Corymbia citriodora	Spotted Gum	260	26		22.0	8.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	195	19		22.0	6.0	2.3	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	190	19		19.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1166	,	Spotted Gum	120	12		13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1167 1168	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	90 145	90 12 14		11.0 17.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1169	Corymbia citriodora	Spotted Gum	125	12		17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
1170	,	Spotted Gum	110	11		14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1171	Corymbia citriodora	Spotted Gum	160	16		18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	_	Native	-	-	Typical		-	-	-	-	Remove
1172	Corymbia citriodora	Spotted Gum	195	19		19.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	Native	-	-	Typical		-	-	-	-	Remove
1173	,	Spotted Gum	100	10		15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1174	Corymbia citriodora	Spotted Gum	125	75 14		15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1175 1176	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 115	13 11		18.0 15.0	4.0 3.0	2.0	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1176	Corymbia citriodora	Spotted Gum	145	125 19		18.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	165	123 19		19.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		- p	.05	1 10			5.0									., p.cui		ı			, p		1		L	1	

		Specim	nen Details	<u> </u>							Ca	anopy Cond	dition Deta	nils				Trunk	Condition I	Details		Faur	a Details a	nd Habitat	Value		
		specim	.e Detail:		[60						Ca	opy cond	artion Dela					Trunk	Condition	Jetali3		raur	Details a	Habitat	- uiuc		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1179	Corymbia citriodora	Spotted Gum	130		130	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1180	Corymbia citriodora	Spotted Gum	140		140	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1181	Corymbia citriodora	Spotted Gum	150		150	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1182	Eucalyptus tereticornis	Forest Red Gum	170		170	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1183	Acacia disparrima	Hickory Wattle	110	100	149	9.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1184	Eucalyptus crebra	Narrow-leaved Ironbark	260		260	21.0	9.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1185	Corymbia tessellaris	Moreton Bay Ash	100		100	6.0	2.0	2.0	Regular	-	-	-	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1186 1187	Corymbia tessellaris Corymbia tessellaris	Moreton Bay Ash Moreton Bay Ash	140 120	80	161 120	13.0 14.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	Native -	-	-	Typical Typical		-	-	-	-	Remove Remove
1188	Eucalyptus tereticornis	Forest Red Gum	190		190	17.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical		-	_		Typical		-	-	-	-	Remove
1189	Corvmbia tessellaris	Moreton Bay Ash	140		140	15.0	3.0	2.0	Regular	-	-	_	_	_	_	Typical	_	_	_	_	Typical		_	_	_	_	Remove
1190	Corymbia tessellaris	Moreton Bay Ash	135		135	16.0	5.0	2.0	Regular	-	-	Thinning	-	-	-	Typical	-	Native	-	-	Typical		-	-	-	-	Remove
1191	Corymbia citriodora	Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1192	Corymbia tessellaris	Moreton Bay Ash	170		170	16.0	5.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1193	Corymbia tessellaris	Moreton Bay Ash	100	100	141	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1194	Acacia disparrima	Hickory Wattle	130	90 80	177	9.0	6.0	2.1	Regular	-	-	-	-	-	-	Typical	-		-	-	Typical		-	-	-	-	Remove
1195	Corymbia tessellaris	Moreton Bay Ash	150		150	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1196	Eucalyptus crebra	Narrow-leaved Ironbark	190	165	252	17.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	Trunk Dmg	-	Typical		-	-	-	-	Remove
1197	Acacia disparrima	Hickory Wattle	125	120 120	211	6.0	6.0	2.5	Regular	-	-		- D: 1 1	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1198	Eucalyptus tereticornis	Forest Red Gum	135		135	12.0	3.0 2.0	2.0	Regular	-	-	Thinning	Die-back	- Faisarmis	-	Poor	-	-	-		Typical		-	-	-	-	Remove
1199 1200	Eucalyptus crebra Acacia disparrima	Narrow-leaved Ironbark Hickory Wattle	120 230		120 230	13.0 8.0	4.0	2.0	Regular Regular	-	-	Thinning	Die-back Die-back	Epicormic -	-	Poor Poor	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1200	Eucalyptus crebra	Narrow-leaved Ironbark	180		180	14.0	4.0	2.2	Regular	_		-	- DIE-Dack		_	Typical			_		Typical		+ -	_		-	Remove
1202	Eucalyptus crebra	Narrow-leaved Ironbark	140	110 110	209	14.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	Trunk Dmg	-	Typical		-	-	-	-	Remove
1203	Eucalyptus crebra	Narrow-leaved Ironbark	210		210	16.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1204	Corymbia tessellaris	Moreton Bay Ash	165		165	13.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1205	Eucalyptus crebra	Narrow-leaved Ironbark	210	İ	210	19.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1206	Eucalyptus crebra	Narrow-leaved Ironbark	160		160	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1207	Corymbia tessellaris	Moreton Bay Ash	145		145	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1208	Eucalyptus tereticornis	Forest Red Gum	125		125	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1209	Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1210	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1211 1212	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	125 100		125 100	13.0 13.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1213	Acacia leiocalyx	Early Black Wattle	200		200	12.0	9.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		+ -	-	-	-	Remove
1214	Eucalyptus tereticornis	Forest Red Gum	100		100	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1215	Corymbia citriodora	Spotted Gum	215		215	22.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1216	Corymbia citriodora	Spotted Gum	210	İ	210	20.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1217	Corymbia citriodora	Spotted Gum	100		100	13.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	135		135	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1219	Corymbia citriodora	Spotted Gum	125		125	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1220	Eucalyptus crebra	Narrow-leaved Ironbark	200		200	18.0	8.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1221 1222	Corymbia citriodora Angophora leiocarpa	Spotted Gum Smooth-barked Apple	100 125		100 125	13.0 16.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	- Small	-	-	Remove Remove
1223	Corymbia citriodora	Spotted Gum	180		180	18.0	6.0	2.2	Regular	-	-	-	-	-	_	Typical		Native	_		Typical		1	Jiliali	-	_	Remove
1224	Corymbia citriodora	Spotted Gum	100		100	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1225	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1226	Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1227	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1228	Corymbia citriodora	Spotted Gum	120		120	17.0	6.0	2.0	Regular	-	1	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1229	Eucalyptus tereticornis	Forest Red Gum	200		200	12.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1230	Eucalyptus tereticornis	Forest Red Gum	140	 	140	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1231 1232	Eucalyptus melanophloia Eucalyptus tereticornis	Silver-leaved Ironbark Forest Red Gum	160 110		160 110	10.0 11.0	4.0 1.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1232	Eucalyptus tereticornis	Forest Red Gum	110	 	110	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	<u> </u>	Typical		-	-	-	-	Remove
1233	Eucalyptus tereticornis	Forest Red Gum	150		150	13.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
1235	Eucalyptus tereticornis	Forest Red Gum	120		120	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1236	Eucalyptus tereticornis	Forest Red Gum	160		160	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1237	Corymbia citriodora	Spotted Gum	260		260	18.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1238	Eucalyptus tereticornis	Forest Red Gum	150		150	12.0	1.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-		-	-	Typical		-	-	-	-	Remove
1239	Eucalyptus tereticornis	Forest Red Gum	180		180	13.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1240	Acacia disparrima	Hickory Wattle	150	100 109	211	8.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1241	Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1242 1243	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	150 160	-	150 160	14.0 12.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1243	Acacia disparrima	Hickory Wattle	180		180	10.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1244	Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	_	Typical		-	-	-	-	Remove
1246	Acacia disparrima	Hickory Wattle	150	130	198	10.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1247	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
1248	Eucalyptus crebra	Narrow-leaved Ironbark	100		100	11.0	2.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1249	Eucalyptus siderophloia	Grey Ironbark	340		340	20.0	10.0	4.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1250	Eucalyptus siderophloia	Grey Ironbark	130		130	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1251	Corymbia citriodora	Spotted Gum	210	 	210	19.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1252	Corymbia citriodora	Spotted Gum	160	<u> </u>	160	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

	Specim	aan Datail	-							Ca	nopy Con	dition Dat	oile				Trunk	Condition	Dotails			Eauma	Dotails a	nd Habitat	Value			
	Specin	nen Detail	s	[6						Ca	nopy Con	altion Det	alis	1			Trunk	Condition	Details		I	Fauna	Details ai	na Habitat	value	Ι		
Botanical Name © इ	Common Name	Frunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	Canopy Health	Leaning	Vines	Frunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termites	Habitat Value	Retention Status	Additional Notes
1253 Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1254 Corymbia citriodora	Spotted Gum	210		210	17.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1255 Corymbia citriodora	Spotted Gum	170		170	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
1256 Corymbia citriodora 1257 Corymbia citriodora	Spotted Gum Spotted Gum	160 120		160 120	18.0 15.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
1258 Corymbia citriodora	Spotted Gum	100		100	11.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1259 Corymbia citriodora	Spotted Gum	180		180	18.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1260 Corymbia citriodora	Spotted Gum	170		170	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1261 Corymbia citriodora 1262 Corymbia citriodora	Spotted Gum Spotted Gum	120 130		120 130	14.0 15.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1263 Corymbia citriodora	Spotted Gum	140		140	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1264 Corymbia citriodora	Spotted Gum	120	140	184	13.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1265 Eucalyptus tereticornis	Forest Red Gum	190		190	14.0	4.0	2.3	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
1266 Eucalyptus tereticornis 1267 Acacia disparrima	Forest Red Gum Hickory Wattle	190 300		190 300	11.0 10.0	3.0 5.0	2.3 3.6	Regular Regular	-	-	Thinning	Die-back	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1268 Corymbia citriodora	Spotted Gum	100	80 60	141	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1269 Corymbia citriodora	Spotted Gum	180		180	17.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1270 Corymbia citriodora	Spotted Gum	120	70 90	166	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1271 Corymbia citriodora	Spotted Gum Forest Red Gum	160 100		160 100	14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
1272 Eucalyptus tereticornis 1273 Corymbia citriodora	Spotted Gum	140		140	10.0 15.0	2.0	2.0	Regular	-	-		-	-	-	Typical Typical	-		-	-	Typical Typical	-	-	-	-	-	-	Remove	
1274 Corymbia citriodora	Spotted Gum	130		130	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1275 Corymbia citriodora	Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1276 Corymbia citriodora	Spotted Gum	160		160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1277 Corymbia citriodora 1278 Corymbia citriodora	Spotted Gum Spotted Gum	120 160		120 160	14.0 15.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1279 Corymbia citriodora	Spotted Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1280 Corymbia citriodora	Spotted Gum	110		110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1281 Eucalyptus siderophloia	Grey Ironbark	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1282 Corymbia citriodora 1283 Corymbia citriodora	Spotted Gum Spotted Gum	120 120		120 120	13.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1284 Corymbia citriodora	Spotted Gum	150		150	16.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1285 Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1286 Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1287 Corymbia citriodora 1288 Corymbia citriodora	Spotted Gum Spotted Gum	140 150		140 150	15.0 15.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1289 Corymbia citriodora	Spotted Gum	130		130	14.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1290 Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1291 Corymbia citriodora	Spotted Gum	170		170	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1292 Corymbia citriodora 1293 Corymbia citriodora	Spotted Gum Spotted Gum	100 120		100 120	12.0 10.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1294 Corymbia citriodora	Spotted Gum	140		140	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1295 Corymbia citriodora	Spotted Gum	130		130	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1296 Acacia disparrima	Hickory Wattle	150		150	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1297 Corymbia citriodora 1298 Corymbia citriodora	Spotted Gum Spotted Gum	110 200		110 200	13.0 15.0	2.0 4.0	2.0 2.4	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1299 Corymbia citriodora	Spotted Gum	100		100	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1300 Corymbia citriodora	Spotted Gum	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
1301 Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1302 Corymbia citriodora 1303 Corymbia citriodora	Spotted Gum Spotted Gum	120 150		120 150	16.0 14.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1304 Corymbia citriodora	Spotted Gum	140		140	15.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1305 Acacia disparrima	Hickory Wattle	180	160	241	9.0	5.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
1306 Corymbia citriodora	Spotted Gum	130		130	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1307 Corymbia citriodora 1308 Corymbia citriodora	Spotted Gum Spotted Gum	130 180		130 180	14.0 16.0	2.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1309 Corymbia citriodora	Spotted Gum	150		150	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1310 Allocasuarina littoralis	Black She-oak	210		210	10.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1311 Corymbia citriodora	Spotted Gum	130	120	177	16.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1312 Corymbia citriodora 1313 Corymbia citriodora	Spotted Gum Spotted Gum	130 150		130 150	15.0 13.0	2.0	2.0	Regular Regular	-	-	- Thinning	- Die-back	- Epicormic	-	Typical Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1314 Corymbia citriodora	Spotted Gum	220		220	17.0	4.0	2.6	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1315 Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	_	Remove	
1316 Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
1317 Corymbia citriodora 1318 Corymbia citriodora	Spotted Gum Spotted Gum	170 130		170 130	16.0 15.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1319 Corymbia citriodora	Spotted Gum Spotted Gum	130		130	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1320 Corymbia citriodora	Spotted Gum	120		120	15.0	2.0	2.0	Regular	-	-	-	1-1	-	-	Typical	-	-	-	_	Typical	-	-	-	-	-	-	Remove	
1321 Corymbia citriodora	Spotted Gum	160		160	15.0	3.0	2.0	Regular	- T	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1322 Corymbia citriodora 1323 Corymbia citriodora	Spotted Gum Spotted Gum	130 110		130 110	14.0 13.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1324 Corymbia citriodora	Spotted Gum	120		120	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1325 Corymbia citriodora	Spotted Gum	130		130	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1326 Corymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	

		Specim	nen Details	<u> </u>							Ca	nopy Cond	lition Deta	nils				Trunk	Condition	Details		Faun	a Details a	nd Habitat	: Value		
		Speciii	Details		[60						Ca	y cont						T. GIIA	- C. GIGIOII			T dull	a	Liubitat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
1327	Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1328	Corymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1329	Corymbia citriodora	Spotted Gum	150		150	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1330 1331	Corymbia citriodora	Spotted Gum Spotted Gum	130 140		130 140	14.0 15.0	3.0 2.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
1331	Corymbia citriodora Corymbia citriodora	Spotted Gum	170		170	16.0	4.0	2.0	Regular Regular	-	-	-		-	-	Typical	-	_	_		Typical		-	-	_	-	Remove Remove
1333	Corymbia citriodora	Spotted Gum	170	110	202	18.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1334	Corymbia citriodora	Spotted Gum	110		110	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1335	Corymbia citriodora	Spotted Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1336	Corymbia citriodora	Spotted Gum	130		130	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1337	Corymbia citriodora	Spotted Gum	130		130	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1338 1339	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 120	-	140 120	15.0 15.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1340	Corymbia citriodora	Spotted Gum	130	120	177	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	140		140	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1342	Corymbia citriodora	Spotted Gum	170		170	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1343	Corymbia citriodora	Spotted Gum	140		140	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1344	Corymbia citriodora	Spotted Gum	120	120 90 60	201	14.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1345	Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1346 1347	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 130		120 130	15.0 15.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1347	Corymbia citriodora	Spotted Gum	130		130	17.0	3.0	2.0	Regular	_	_	-			-	Typical	_		_		Typical		-	_	_	-	Remove
1349	Corymbia citriodora	Spotted Gum	100		100	12.0	1.0	2.0	Regular	_	_	_	_	_	-	Typical	_	_	-	_	Typical		_	-	_	-	Remove
1350	Corymbia citriodora	Spotted Gum	150	130	198	16.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1351	Corymbia citriodora	Spotted Gum	120		120	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1352	Corymbia citriodora	Spotted Gum	170	100	197	17.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1353	Corymbia citriodora	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1354	Corymbia citriodora	Spotted Gum	110	110	110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1355 1356	Corymbia citriodora	Spotted Gum	110	110	156	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1357	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 140		130 140	14.0 16.0	3.0	2.0	Regular Regular	-	-	-	-	-		Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1358	Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	_	-	_		-	-	Typical	-	_	-	_	Typical		-	-	-	-	Remove
1359	Corymbia citriodora	Spotted Gum	140		140	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1360	Corymbia citriodora	Spotted Gum	150		150	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus siderophloia	Grey Ironbark	160		160	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1362	Corymbia citriodora	Spotted Gum	120		120	13.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1363	Corymbia citriodora	Spotted Gum	160		160	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1364 1365	Eucalyptus tereticornis Corvmbia citriodora	Forest Red Gum Spotted Gum	180 140		180 140	12.0 15.0	3.0 2.0	2.2	Regular Regular	-	-	-	-	-		Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	,	Spotted Gum	140		140	14.0	2.0	2.0	Regular	_	_	-		-	-	Typical	_	_	_		Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	210		210	18.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1368	Corymbia citriodora	Spotted Gum	120	100 90	180	16.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1369	Corymbia citriodora	Spotted Gum	180		180	16.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	230		230	17.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	•	Spotted Gum	150		150	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 100		120 100	14.0 12.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	130	100	164	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
	,	Spotted Gum	170	170 120	269	16.0	4.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	130		130	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	130		130	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 140		140 140	16.0 16.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	150		150	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		+ -	-	-	-	Remove Remove
	,	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	120	110	163	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	210		210	17.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	18		180	16.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	180 160		180 160	17.0 17.0	5.0 3.0	2.2	Regular	-	-	-	<u> </u>	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130		130	17.0	2.0	2.0	Regular Regular	-	-	-	-	-	 	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymbia citriodora	Spotted Gum	180		180	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1391	Corymbia citriodora	Spotted Gum	110		110	17.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	190		190	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	120		120	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1394	Corymbia citriodora	Spotted Gum	120		120	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	180		180	18.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1396 1397	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	170 160		170 160	18.0 16.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
_	Corymbia citriodora	Spotted Gum Spotted Gum	160		160	16.0	3.0	2.0	Regular	-	-	-		-	+ -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	330		330	22.0	5.0	4.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		- p	355				5.5			1						· , p.cui			ı		. , p			i .	i		

		Specim	en Details								Ca	anopy Con	dition Deta	ails				Trunk	Condition	Details		Fau	na Details a	ınd Habitat	t Value		
		эресии	Jetail3		[60						- Ca							T unk	Julia di la la la la la la la la la la la la la			i au		Landid			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
1401	Corymbia citriodora	Spotted Gum	120		120	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1402	Eucalyptus tereticornis	Forest Red Gum	120		120	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1403	Corymbia citriodora	Spotted Gum	140		140	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1404	Corymbia citriodora	Spotted Gum	140		140	16.0	2.0	2.0	Regular	-		-		-		Typical	-	-		-	Typical			-	-	-	Remove
1405 1406	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 150		140 150	12.0 14.0	3.0	2.0	Regular Regular	-	-	-	-		-	Typical Typical	-	-	Trunk Dmg	-	Typical Typical		-	-	-	-	Remove Remove
1407	Acacia disparrima	Hickory Wattle	190	190	269	8.0	5.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1408	Corymbia citriodora	Spotted Gum	100	.,,,	100	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1409	Corymbia citriodora	Spotted Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1410	Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1411 1412	Corymbia citriodora	Spotted Gum	110		110	14.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1412	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	160 140	140	160 198	15.0 8.0	3.0 4.0	2.0	Regular Regular	-		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		<u> </u>	-	-	-	Remove Remove
1414	Corymbia citriodora	Spotted Gum	110	100	149	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1415	Corymbia citriodora	Spotted Gum	120		120	15.0	2.0	2.0	Regular	-	-	-	-	-		Typical		-			Typical		-	-	-	-	Remove
1416	Corymbia citriodora	Spotted Gum	115		115	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1417	Corymbia citriodora	Spotted Gum	180		180	20.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1418	Corymbia citriodora	Spotted Gum	210	120	210	17.0	3.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1419 1420	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	160 150	130	206 150	8.0 18.0	5.0 4.0	2.5	Regular Regular	-		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1421	Corymbia citriodora	Spotted Gum	110		110	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1422	Corymbia citriodora	Spotted Gum	170		170	18.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1423	Corymbia citriodora	Spotted Gum	110		110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	ı	Typical		-	-	-	-	Remove
1424	Corymbia citriodora	Spotted Gum	200		200	18.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
1425	Corymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.0	Regular	-		-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1426 1427	Corymbia citriodora	Spotted Gum	300		300	22.0	8.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1427	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	230 170		230 170	19.0 17.0	5.0 3.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1429	Eucalyptus tereticornis	Forest Red Gum	110		110	10.0	3.0	2.0	Regular	_	_	_	_	_	_	Typical	-	_	_	-	Typical		_	_	-	-	Remove
1430	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1431	Acacia disparrima	Hickory Wattle	150		150	6.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1432	Corymbia citriodora	Spotted Gum	170		170	16.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1433	Corymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1434 1435	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	140 150		140 150	13.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1436	Corymbia citriodora	Spotted Gum	270		270	22.0	8.0	3.2	Regular	-		-	-	_	_	Typical	-	_	_	-	Typical		-	-	-	-	Remove
1437	Corymbia citriodora	Spotted Gum	220		220	18.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1438	Corymbia citriodora	Spotted Gum	190		190	19.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	160		160	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1441 1442	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100 230		100 230	12.0 17.0	2.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	- Major	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1443	Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	_	Typical		-	-	-	Typical		-	-	-	-	Remove
1444	Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1445	Corymbia citriodora	Spotted Gum	180		180	18.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1446	Corymbia citriodora	Spotted Gum	150		150	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1447	,	Spotted Gum	140	120	140	19.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1448 1449	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	150 140	120	192 140	16.0 17.0	2.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1450		Spotted Gum	130	120 100	203	17.0	4.0	2.4	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1451	Corymbia citriodora	Spotted Gum	120		120	16.0	2.0	2.0	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
1452	,	Spotted Gum	100		100	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1453	•	Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1454	Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1455 1456	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 170		140 170	17.0 21.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1457		Narrow-leaved Ironbark	350		350	23.0	10.0	4.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1458	Corymbia citriodora	Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1459	,	Spotted Gum	170		170	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1460	,	Spotted Gum	170		170	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1461 1462	Corymbia citriodora	Spotted Gum Spotted Gum	120 170		120 170	15.0 18.0	3.0 4.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1462	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130		130	16.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-		-	Typical Typical		-	-	-	-	Remove Remove
1464	,	Spotted Gum	150		150	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1465	Corymbia citriodora	Spotted Gum	190		190	20.0	4.0	2.3	Regular	-	-	-	-	-		Typical		-	-	-	Typical		-	-	-	-	Remove
1466		Forest Red Gum	140		140	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	ı	Typical		-	-	-	-	Remove
1467	Corymbia citriodora	Spotted Gum	130		130	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1468	Corymbia citriodora	Spotted Gum	170		170	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1469 1470	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	110 130	90 90	110 182	12.0 16.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1470	Corymbia citriodora	Spotted Gum	150	JU 3U	150	18.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Hickory Wattle	170		170	8.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
1473	Corymbia citriodora	Spotted Gum	170		170	20.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1474	Eucalyptus tereticornis	Forest Red Gum	160		160	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	en Details	5							Ca	anopy Cond	dition Deta	ails				Trunk	Condition I	Details		Faur	a Details a	nd Habitat	Value		
		Specific	ctulis		[60						Lu	CP) COIN						- TWIIK	2			, dui	a				
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
1475	Corymbia citriodora	Spotted Gum	120		120	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1476	Corymbia citriodora	Spotted Gum	160		160	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1477	Corymbia citriodora	Spotted Gum	170		170	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1478	Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1479 1480	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110 140		110 140	15.0 15.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1481	Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	_	-	-		Typical		-	-	-	-	Remove
1482	Corymbia citriodora	Spotted Gum	130		130	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1483	Acacia disparrima	Hickory Wattle	240		240	9.0	4.0	2.9	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1484	Corymbia citriodora	Spotted Gum	110		110	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1485	Corymbia citriodora	Spotted Gum	160		160	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
1486 1487	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 160		140 160	19.0 19.0	2.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1488	Corymbia citriodora	Spotted Gum	130		130	16.0	3.0	2.0	Regular	-	-	-	-	-	 	Typical	-	-	-		Typical		-	-	-	-	Remove
1489	Corymbia citriodora	Spotted Gum	100		100	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1490	Acacia disparrima	Hickory Wattle	290	180	341	10.0	5.0	4.1	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1491	Corymbia citriodora	Spotted Gum	110		110	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1492	Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1493	Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1494 1495	Eucalyptus tereticornis Corymbia tessellaris	Forest Red Gum Moreton Bay Ash	200 180		200 180	15.0 15.0	5.0 4.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1496	Corymbia citriodora	Spotted Gum	190		190	17.0	4.0	2.3	Regular	-	_	_	-	-	-	Typical	_	_	_	_	Typical		_	-	_	-	Remove
1497	Corymbia citriodora	Spotted Gum	130		130	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1498	Corymbia citriodora	Spotted Gum	110		110	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1499	Corymbia citriodora	Spotted Gum	125		125	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1500	Corymbia citriodora	Spotted Gum	130	90	158	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1501	Eucalyptus tereticornis	Forest Red Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1502 1503	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 120	100	120 156	15.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1503	Corymbia citriodora	Spotted Gum	140	100	140	17.0	3.0	2.0	Regular	-	_	-	-	-	-	Typical	-		-		Typical		-	-	-	-	Remove
1505	Corymbia citriodora	Spotted Gum	160		160	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1506	Angophora leiocarpa	Smooth-barked Apple	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1507	Corymbia citriodora	Spotted Gum	220		220	17.0	3.0	2.6	Regular	-	-	-	-	-		Typical	1	-	-	-	Typical		-	-	-	-	Remove
1508	Eucalyptus tereticornis	Forest Red Gum	190		190	15.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
1509 1510	Corymbia citriodora	Spotted Gum Forest Red Gum	140 120		140 120	15.0 10.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1510	Eucalyptus tereticornis Corymbia citriodora	Spotted Gum	130		130	12.0	3.0	2.0	Regular	-	_	-	-	-	-	Typical	-		-		Typical		-	-	-	-	Remove
1512	Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1513	Eucalyptus tereticornis	Forest Red Gum	240		240	14.0	5.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,,	Forest Red Gum	250		250	14.0	5.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	270		270	16.0	4.0	3.2	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
1516 1517	Eucalyptus tereticornis Corvmbia citriodora	Forest Red Gum Spotted Gum	120 200		120 200	11.0 16.0	2.0 5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1517	Acacia disparrima	Hickory Wattle	230		230	10.0	5.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	<u> </u>	Remove Remove
1519		Spotted Gum	100		100	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1520	Corymbia citriodora	Spotted Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1521	Corymbia citriodora	Spotted Gum	180		180	14.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1522	Corymbia citriodora	Spotted Gum	140	80	161	12.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1523 1524	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	230 180		230 180	16.0 16.0	4.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1524	Corymbia citriodora	Spotted Gum	180		180	16.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	180		180	10.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1527	Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1528	Corymbia citriodora	Spotted Gum	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1529	Corymbia citriodora	Spotted Gum	140		140	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1530		Hickory Wattle	290	100	290	10.0	8.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1531 1532	Acacia disparrima Acacia disparrima	Hickory Wattle Hickory Wattle	200 190	180 160	269 248	10.0 9.0	6.0 7.0	3.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Hickory Wattle	180	190	262	8.0	6.0	3.1	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1534		Spotted Gum	190	1	190	17.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1535	Eucalyptus tereticornis	Forest Red Gum	130		130	10.0	1.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1536	Eucalyptus tereticornis	Forest Red Gum	200		200	12.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1537	Corymbia citriodora	Spotted Gum	230		230	19.0	7.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1538 1539	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	190		190 140	17.0 15.0	5.0 3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove Remove
1539	,	Spotted Gum Spotted Gum	140 130		130	16.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1541	Corymbia citriodora	Spotted Gum	140		140	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1542	Corymbia citriodora	Spotted Gum	140		140	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1543	• •	Smooth-barked Apple	220		220	15.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1544	Corymbia citriodora	Spotted Gum	120		120	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1545	Corymbia citriodora	Spotted Gum	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1546 1547	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100 120		100 120	11.0 15.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	,	Spotted Gum	140		140	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
13-10	corymola cialodola	Spotted dulli	170	l	170	15.0	2.0	2.0	negulai	1	l	1		1	1	Pical			i		iypicai		1			1	nemove

		Specim	en Details	s							C	anopy Cond	dition Deta	ails				Trunk	Condition	Details		Fau	na Details a	and Habitat	t Value		
		Specific	J. Detuils		[60													Trank	Julia di la la la la la la la la la la la la la			Taul		- Install			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
1549	Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1550	Corymbia citriodora	Spotted Gum	130		130	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1551	Corymbia citriodora	Spotted Gum	130		130	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1552 1553	Corymbia citriodora	Spotted Gum Spotted Gum	100 130		100 130	12.0 15.0	2.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
1554	Corymbia citriodora Corymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.0	Regular Regular	-	-	-	_	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1555	Corymbia citriodora	Spotted Gum	160		160	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1556	Corymbia citriodora	Spotted Gum	180		180	16.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1557	Corymbia citriodora	Spotted Gum	150		150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	110		110	11.0	1.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1559 1560	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	200 160		200 160	16.0 15.0	4.0 3.0	2.4	Regular Regular	-	-	-		-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1561	Corymbia citriodora	Spotted Gum	180		180	15.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1562	Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	<u>-</u>	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	180		180	16.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1564	Corymbia citriodora	Spotted Gum	150		150	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1565 1566	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	180 100		180	17.0 12.0	4.0 1.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-		-	-	Typical Typical		-	-	-	-	Remove Remove
1567	Corymbia citriodora	Spotted Gum	270		270	15.0	3.0	3.2	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	<u> </u>	-	Remove
1568	Corymbia citriodora	Spotted Gum	140		140	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
1569	Corymbia citriodora	Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1570	Corymbia citriodora	Spotted Gum	220		220	15.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1571		Spotted Gum	130		130	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1572 1573	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	110 120		110 120	16.0 15.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1574		Spotted Gum	150		170	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1575	Corymbia citriodora	Spotted Gum	120		120	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1576	Corymbia citriodora	Spotted Gum	200	130	239	16.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1578 1579	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	150 120		150 120	15.0 15.0	4.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
1580	Corymbia citriodora	Spotted Gum	140		140	17.0	2.0	2.0	Regular	-	-	-	_	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1581	Corymbia citriodora	Spotted Gum	180		180	18.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1582	Corymbia citriodora	Spotted Gum	150		150	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1583	Corymbia citriodora	Spotted Gum	180		180	16.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1584 1585	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	110 120		110 120	12.0 12.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1586	Corymbia citriodora	Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Forest Red Gum	120		120	13.0	2.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	190		190	16.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	140		140	16.0	2.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1590 1591	Eucalyptus tereticornis Corvmbia citriodora	Forest Red Gum Spotted Gum	150 190		150 190	12.0 15.0	1.0 2.0	2.0	Regular Regular	-	-	Thinning	Die-back	Epicormic	-	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymbia citriodora	Spotted Gum	210		210	16.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	_	-	Typical		-	-	-	-	Remove
	,	Forest Red Gum	110		110	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1595		Silver-leaved Ironbark	120		120	6.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1596 1597	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	170 200		170 200	13.0 10.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1598	Eucalyptus tereticornis	Forest Red Gum	100		100	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	120		120	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	250		250	15.0	4.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	160		160	12.0 8.0	3.0	2.0	Regular	-	-	-	-	-	- Lannad	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	200 210		200 210	12.0	4.0	2.4	Regular Regular	-	-	-	-	-	Lopped -	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Eucalyptus tereticornis	Forest Red Gum	240		240	14.0	5.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	170		170	6.0	2.0	2.0	Regular	-	-	-	-	-	Lopped	Poor	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	170		170	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus crebra Eucalyptus melanophloia	Narrow-leaved Ironbark	100 110		100 110	6.0 8.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1608	Eucalyptus melanophloia		110		110	6.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	200		200	14.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
1611	Eucalyptus tereticornis	Forest Red Gum	130		130	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus crebra	Narrow-leaved Ironbark	160		160	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus crebra Eucalyptus melanophloia	Narrow-leaved Ironbark	130 110		130 110	8.0 8.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Narrow-leaved Ironbark	100		100	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1616		Silver-leaved Ironbark	130		130	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1617	Corymbia tessellaris	Moreton Bay Ash	120		120	8.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	200		200	10.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1619 1620	Eucalyptus tereticornis	Forest Red Gum	170 150		170 150	10.0 8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
	Acacia disparrima Eucalyptus tereticornis	Hickory Wattle Forest Red Gum	150		150	9.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	,,	Forest Red Gum	130		130	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
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	Spacing	on Dotail	•							Ca	nopy Cond	dition Date	sile				Trumle	Condition	Dotails			Eauna	Dotails a	nd Habitat	Value			
	Specin	nen Detail:		[6						Ca	пору сопс	illion Deta					Trunk	Condition	Details			rauna	Details at	парітат	value			
Botanical Name	Common Name	frunk DBH (mm)	Additional Trunks DBH (mm)	Fotal DBH (mm) [AS 4970-200	-leight (m)	Spread (m)	ree Protection Zone (m)	Canopy Form	spreading	seeding	Thinning	Die-Back	Epicormic Growth	opped	canopy Health	-eaning	Vines	rrunk Damage	ire Damage	frunk Health	Scats	scratches	4ollows	Vest	Fermites	- Habitat Value	Retention Status	4dditional Notes
1623 Eucalyptus tereticornis	Forest Red Gum	140	130 110	220	10.0	4.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1624 Eucalyptus tereticornis	Forest Red Gum	180		180	14.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-		-	Remove	
1625 Eucalyptus tereticornis	Forest Red Gum	140		140	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1626 Eucalyptus tereticornis 1627 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	170 120		170 120	12.0 8.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1628 Eucalyptus tereticornis	Forest Red Gum	200		200	14.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1629 Eucalyptus tereticornis	Forest Red Gum	180		180	9.0	2.0	2.2	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical	-	-	-	-		-	Remove	
1630 Eucalyptus crebra	Narrow-leaved Ironbark	120		120	7.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1631 Eucalyptus tereticornis 1632 Acacia disparrima	Forest Red Gum Hickory Wattle	170 220	230	170 318	10.0 10.0	4.0 6.0	2.0 3.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1633 Eucalyptus tereticornis	Forest Red Gum	140	230	140	10.0	3.0	2.0	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1634 Acacia disparrima	Hickory Wattle	200	190	276	10.0	5.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-		-	Remove	
1635 Eucalyptus melanophloia	Silver-leaved Ironbark	120		120	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1636 Eucalyptus tereticornis 1637 Eucalyptus tereticornis	Forest Red Gum	250 230		250 230	14.0 12.0	5.0 4.0	3.0 2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1637 Eucalyptus tereticornis 1638 Acacia disparrima	Forest Red Gum Hickory Wattle	130		130	10.0	3.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1639 Acacia disparrima	Hickory Wattle	150		150	11.0	4.0	2.0	Regular	-	-	1-1	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-		Remove	
1640 Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1641 Acacia disparrima	Hickory Wattle	180		180 140	10.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1642 Eucalyptus tereticornis 1643 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	140		100	10.0 8.0	3.0 2.0	2.0	Regular Regular	-	-		-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1644 Eucalyptus tereticornis	Forest Red Gum	160		160	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1645 Acacia disparrima	Hickory Wattle	160	170	233	11.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1646 Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1647 Acacia disparrima 1648 Eucalyptus tereticornis	Hickory Wattle Forest Red Gum	220		220 200	9.0 13.0	4.0 3.0	2.6 2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	_	Remove Remove	
1649 Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1650 Acacia disparrima	Hickory Wattle	220		220	10.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	ı	-	ı	-	Remove	
1651 Corymbia citriodora	Spotted Gum	190		190	16.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1652 Corymbia citriodora 1653 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	180 200		180 200	16.0 15.0	4.0 3.0	2.2 2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1654 Eucalyptus tereticornis	Forest Red Gum	120		120	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1655 Eucalyptus tereticornis	Forest Red Gum	180		180	16.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-		-		-	Remove	
1656 Eucalyptus tereticornis	Forest Red Gum	140		140	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1657 Corymbia citriodora 1658 Corymbia citriodora	Spotted Gum Spotted Gum	150 190		150 190	18.0 17.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1659 Corymbia citriodora	Spotted Gum	170		170	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-		-		-	Remove	
1660 Eucalyptus tereticornis	Forest Red Gum	160		160	16.0	3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical	-		-	-	-		Remove	
1661 Corymbia citriodora 1662 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	220 140	120	251 140	17.0 15.0	6.0 3.0	3.0 2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
1662 Eucalyptus tereticornis 1663 Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
1664 Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	2.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical	-	-	i	-	ı	-	Remove	
1665 Eucalyptus tereticornis	Forest Red Gum	150		150	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1666 Acacia disparrima 1667 Eucalyptus tereticornis	Hickory Wattle Forest Red Gum	180 130	150	234 130	10.0 10.0	5.0 2.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1668 Acacia disparrima	Hickory Wattle	180	100 170	267	6.0	5.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1669 Eucalyptus tereticornis	Forest Red Gum	170		170	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1670 Corymbia citriodora	Spotted Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1671 Acacia disparrima 1672 Corymbia citriodora	Hickory Wattle Spotted Gum	200 160	150 140	250 213	11.0 14.0	5.0 5.0	3.0 2.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1673 Eucalyptus tereticornis	Forest Red Gum	170	170	170	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1674 Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1675 Eucalyptus tereticornis	Forest Red Gum	150		150	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1676 Eucalyptus tereticornis 1677 Angophora leiocarpa	Forest Red Gum Smooth-barked Apple	190 230		190 230	15.0 17.0	3.0 7.0	2.3 2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1678 Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1679 Corymbia citriodora	Spotted Gum	230		230	16.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1680 Eucalyptus tereticornis	Forest Red Gum	110		110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1681 Corymbia citriodora 1682 Corymbia citriodora	Spotted Gum Spotted Gum	180 180		180 180	15.0 16.0	3.0 3.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1683 Corymbia citriodora	Spotted Gum	240		240	17.0	8.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1684 Eucalyptus tereticornis	Forest Red Gum	150		150	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1685 Corymbia citriodora	Spotted Gum	130		130	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1686 Acacia disparrima 1687 Eucalyptus tereticornis	Hickory Wattle Forest Red Gum	230		230 200	10.0 15.0	5.0 3.0	2.8 2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
1688 Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-		Remove	_
1689 Acacia disparrima	Hickory Wattle	150	120	192	11.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termites	-	Remove	
1690 Corymbia citriodora 1691 Corymbia citriodora	Spotted Gum Spotted Gum	150 150		150 150	14.0 16.0	3.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
1691 Corymbia citriodora	Spotted Gum Spotted Gum	110		110	11.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
1693 Acacia disparrima	Hickory Wattle	150	150	212	10.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1694 Corymbia citriodora	Spotted Gum	170		170	16.0	3.0	2.0	Regular	- 🗍	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1695 Corymbia citriodora	Spotted Gum	140 150		140 150	13.0 10.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
1696 Acacia disparrima	Hickory Wattle	150	<u> </u>	130	10.0	3.0	2.0	negular	-	-	-	-	-	-	Typical	-	-			Typical	-	-	-	-	-	_	Remove	

		Specim	nen Details	s						Ca	nopy Cond	dition Deta	ails				Trunk	Condition	Details		Faun	a Details a	nd Habitat	Value		
		Specific	Details	[6						- Ca							TIGHK				i duli	c.uiis a	- Inwittet			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm) Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1697	Acacia disparrima	Hickory Wattle	150	150	10.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1698	Corymbia citriodora	Spotted Gum	110	110	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1699	Acacia disparrima	Hickory Wattle	200	120 233	10.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1700	Corymbia citriodora	Spotted Gum	120	120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1701	Corymbia citriodora	Spotted Gum	120	120	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1702	Corymbia citriodora	Spotted Gum	110	100 80 169	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1703	Corymbia citriodora	Spotted Gum	120	120	13.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
1704 1705	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	200 160	200 160	8.0 12.0	1.0 3.0	2.4	Regular Regular	-	-	-	-	-	Lopped	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1706	Acacia disparrima	Hickory Wattle	200	120 150 277	10.0	7.0	3.3	Regular	-	_	_	-	-	-	Typical		-	_	_	Typical		-	_	_	_	Remove
1707	Eucalyptus tereticornis	Forest Red Gum	110	110	9.0	2.0	2.0	Regular	_	_	_	_	_	_	Typical	_	_	-	_	Typical		_	_	_	_	Remove
1708	Eucalyptus tereticornis	Forest Red Gum	100	100	9.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1709	Corymbia citriodora	Spotted Gum	170	170	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1710	Eucalyptus tereticornis	Forest Red Gum	120	120	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1711	Eucalyptus tereticornis	Forest Red Gum	180	180	11.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1712	Eucalyptus tereticornis	Forest Red Gum	160	160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1713	Corymbia citriodora	Spotted Gum	140	130 80 207	12.0	3.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1714	Corymbia citriodora	Spotted Gum	100	100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1715	Acacia disparrima	Hickory Wattle	220	220	10.0	4.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1716	Eucalyptus tereticornis	Forest Red Gum	110	110	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1717		Pink Bloodwood	100	100	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1718	Corymbia citriodora	Spotted Gum	190	190	15.0	5.0 3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1719 1720	Corymbia citriodora	Spotted Gum Pink Bloodwood	120 110	120 120 120 100 226	12.0 11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1720	Corymbia intermedia Corymbia citriodora	Spotted Gum	240	240	16.0	5.0	2.7	Regular Regular	-	-	-	-	-	 -	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
1721	Eucalyptus tereticornis	Forest Red Gum	190	190	15.0	4.0	2.3	Regular	-	-			_	1 -	Typical	-		_		Typical		-	_	_	_	Remove
1723	Corymbia citriodora	Spotted Gum	170	170	17.0	3.0	2.0	Regular	_	-	-	-	-	 	Typical	_	-	-		Typical		 	_	-	-	Remove
1724	Acacia disparrima	Hickory Wattle	260	260	10.0	6.0	3.1	Regular	_	_	_	-	_	-	Typical	_	_	_	-	Typical		-	_	_	_	Remove
1725	Eucalyptus tereticornis	Forest Red Gum	110	110	11.0	2.0	2.0	Regular	-	_	-	-	_	-	Typical	-	-	-	_	Typical		-	_	-	-	Remove
1726	Corymbia citriodora	Spotted Gum	150	150	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1727	Corymbia citriodora	Spotted Gum	100	100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1728	Corymbia citriodora	Spotted Gum	100	100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
1729	Corymbia citriodora	Spotted Gum	120	120	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1730	Corymbia citriodora	Spotted Gum	110	110	11.0	2.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1731	Eucalyptus tereticornis	Forest Red Gum	150	150	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1732	Corymbia citriodora	Spotted Gum	150	150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1733	Corymbia citriodora	Spotted Gum	150	150	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1734	Corymbia citriodora	Spotted Gum	160	160	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum Spotted Gum	240 120	80 100 175	17.0 13.0	8.0 3.0	2.9	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1737	Corymbia citriodora	Spotted Gum	200	180 269	14.0	5.0	3.2	Regular	-	-			-	 	Typical	-		_	-	Typical		-	_	_	_	Remove
1738		Moreton Bay Ash	120	120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1739		Smooth-barked Apple	130	130	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1740	Eucalyptus tereticornis	Forest Red Gum	120	120	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1741	Corymbia citriodora	Spotted Gum	120	120	11.0	2.0	2.0	Regular	-	-	-	-	-	_	Typical		-	-	_	Typical		-	-	-	-	Remove
1742	Corymbia citriodora	Spotted Gum	160	160	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1743		Smooth-barked Apple	110	110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1744	Corymbia citriodora	Spotted Gum	100	100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1745	Eucalyptus tereticornis	Forest Red Gum	200	200	12.0	3.0	2.4	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	Remove
1746	Eucalyptus tereticornis	Forest Red Gum	200	200	14.0	3.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1747 1748	Corymbia citriodora	Spotted Gum Forest Red Gum	100 240	100	10.0 17.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove
1748	Eucalyptus tereticornis Eucalyptus crebra	Narrow-leaved Ironbark	170	240 170	11.0	5.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1749	Corymbia citriodora	Spotted Gum	170	170	14.0		2.0	Regular	-		-		-	-	Typical	_		-		Typical		-	-	-	-	Remove
1751	Eucalyptus crebra	Narrow-leaved Ironbark	140	140	9.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
1752		Spotted Gum	130	130	14.0	3.0	2.0	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1753	,	Spotted Gum	170	170	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1754	Corymbia citriodora	Spotted Gum	230	230	17.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1755	Corymbia citriodora	Spotted Gum	150	150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1756	Corymbia citriodora	Spotted Gum	120	120	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1757	Corymbia citriodora	Spotted Gum	180	180	16.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1758		Spotted Gum	170	170	17.0	7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1759	Corymbia citriodora	Spotted Gum	170	170	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1760	Corymbia citriodora	Spotted Gum	190	190	16.0	6.0 5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1761 1762	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	180 130	180 130	17.0 15.0	2.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1762	Corymbia citriodora	Spotted Gum	160	160	15.0	4.0	2.0	Regular	-	-	-	-	-	 -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1764	Corymbia citriodora	Spotted Gum	120	120	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1765	,	Spotted Gum	170	170	16.0	4.0	2.0	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1766	Corymbia citriodora	Spotted Gum	100	100	11.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1767	Corymbia citriodora	Spotted Gum	120	120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
1768	Corymbia citriodora	Spotted Gum	110	110	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1769	Eucalyptus tereticornis	Forest Red Gum	175	175	15.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1770	Eucalyptus tereticornis	Forest Red Gum	125	125	14.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

Second State Control Name Cont			Specim	nen Details	s							Ca	anopy Con	dition Deta	ails				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
Company Comp			Specific	Details		[60													TIGHK				. au	- ctuiis a	Idalitat			
1-72	Tree ID	Botanical Name	Common Name		Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
Top Company	Eucalyptus tereticornis	Forest Red Gum	110	100		10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove	
The Conference Validation 10	_									Regular	-	-	-	-	-	-	, .	-	-	-	-			-	-	-	-	
1975 Confusion	,,							1		-	-	-	-	-	-		-	-	-	-				-	-			
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1-02 France Service Service		,,					1				-	-	-	-	-	-	<i>,</i> .	-	-	-	-			-	-	-	-	
The control of the	1779	Acacia disparrima	Hickory Wattle	220	140	261	8.0	5.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
Total Control Contro					100						-	-	-	-	-	-		-	-	-	-			-	-	-	-	
The control of the		,,									l				-	-		-		-	-	- / -		+				
1956 Proceedings		//									-				-	-	<i>,</i> .	-		-		- / -		+				
The part of the part The part		,	•							, ,	-					-	, .	-			-							
1900 1900		- / '									-	-		-		-			-	-		- / -	-		-	-	-	
1985 Control Action December 1985	1786	Eucalyptus tereticornis	Forest Red Gum	115		115	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
The proper section will be related in 10		,,			ļ Ţ						l				-	- 1		-		-	-			+				
17. 17. 17. 17. 18. 18. 17. 18. 18. 17. 18. 18. 17. 18. 18. 17. 18. 18. 17. 18. 18. 17. 18.			•								-				-	-	<i>,</i> .	-	-	-	-	- / -	<u> </u>			-	-	1
170											-				-	-		-	-	-		- / -					-	
175										J	-					-	, .	-	_	-			-		-			
Company Comp		· .	•								-					-		-	-	-	-		<u> </u>		_			1
170 170		,,									-	-	-	-	-	-		-	-	-	-			-	-	-	-	
1976 Copyrident Control 198 190 208 150 40 21 Registr Price Price Remote Rem	1794	Corymbia citriodora	Spotted Gum	160		160	19.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1972 Propriet Propriet Prop		,	•													-		-		-	-	- / -			-			
1976 Commission 1876 1					100						-					-	<i>,</i> .	-				, , , , , , , , , , , , , , , , , , ,			-			
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Table Mackain deglaration Topical Topi	1802	Corymbia citriodora	Spotted Gum	110		110	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1806 Comprehe consistent 190 190 150 40 20 Regular 190 190 170			•								-	-	-	-	-	-		-	-	-	-	- / -		-	-	-	-	Remove
Spot Common stroken 170 170 180 40 20 Regular											-					-		-	-	-	-		<u> </u>					
Specify Spec	_		•							- J						-	, .	-		-	-							
1976 Compriso remotion 180 180 170 18 2.2 Regular		· .	•								-			-	-	-		-	-	-	_			+	-	-	_	
1810 Accordinate Orbodom 180											-	-	-	-	-	-	<i>,</i> .	-	-	-	-	- / -		-	-	-	-	
Bill Acade dispositions Microsy Watter 160 70 50 20 Regular	1809	Corymbia citriodora	Spotted Gum	145		145	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1812 Compress cincidents Sported Gum 100 130 120			•								-	-	-	-	-	-		-	-	-	-				-	-	-	
Fig. Comprehension Spented Court Court		'									-					-		-			-							
Half Comprehis includes Section Forested Gum 170 170 180 50 20 Regular Flypical Flypic		,								, ,	-		-			-		-			-						-	
1815 Comprehic chinodour Sported Gum 170 170 18.0 5.0 2.0 Regular		,	•													-		-									-	
1817 Comprised crinsoform Spotted Gum 115 115 120 40 20 Regular		,,									-		-	-	-	-		-	-	-	-			-	-	-	-	
1818 Cosymbia critocidos Spotted Gum 190 190 200 6.0 2.3 Regular Typical Typical Typical Typ	1816	Corymbia citriodora	Spotted Gum	105			11.0	3.0	2.0	Regular	-	-	-	-	-	-		-	-	-	-			-	-	-	-	Remove
1819 Corymbia cirriodora Spotted Gum 125 125 140 3.0 2.0 Regular		•	•								-	-	-	-	-	-		-		-	-				-	-	-	
1820 Acadia disparmina		,								_											-						-	
1821 Corymbia citriodora Spotted Gum 155 150 4.0 2.0 Begular		,									-					 		-			-				_			
1822 Local disporting Hickory Wattle 180 60,65 201 9.0 5.0 2.4 Regular		'														-		-			-							
1824 Corymbia ciriodora Spotted Gum 100 100 110 10 2.0 Regular		•	•		60, 65						-	_	_	_					-	-	_				-	-	_	
1825 Corymbia citriodora Spotted Gum 100 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 150 100 140 100 160 100 140 140											-	-	-	-	-	-		-	-	-	-			-	-	-	-	
1826 Corymbia citriodora Spotted Gum 110 110 150 3.0 2.0 Regular Typical			•															-										
1827 Corymbia citriodora Spotted Gum 110 110 110 110 100 2.0 2.0 Regular			•													-		-			-							
1828 Coymbia citriodara Spotted Gum 100 100 140 3.0 2.0 Regular Typical		,								,	_		-			 		-			-			_				
1829 Eucalyptus tereticomis Forest Red Gum 165 165 165 160 5.0 2.0 Regular Typical Typical Typical Typical Typical Typical Typical Remove Re		,	•							, ,						-		-			-							
1830 Corymbia citriodora Spotted Gum 120 120 13.0 3.0 2.0 Regular Typical			•								-			-		-			-	-								
1832 Corymbia citriodora Spotted Gum 125 125 16.0 3.0 2.0 Regular Typical Typi		,	Spotted Gum								-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1833 Corymbia citriodora Spotted Gum 130 130 130 14.0 2.0 Regular Typical			•		ļ Ţ											- 1		-			-							
1834 Corymbia citriodora Spotted Gum 125 125 13.0 4.0 2.0 Regular Typical Ty			•													-		-		-	-							
1835 Corymbia citriodora Spotted Gum 190 190 17.0 5.0 2.3 Regular Typical			•													-		-		-	-							
1836 Corymbia citriodora Spotted Gum 110 110 14.0 2.0 2.0 Regular Typical		,	•							, ,								-										
1837 Corymbia citriodora Spotted Gum 175 175 170 4.0 2.1 Regular Typical			•															-										
1839 Corymbia citriodora Spotted Gum 125 110,75 183 15.0 4.0 2.2 Regular -	1837		•	175			17.0	4.0	2.1			-	-	-	-				-	-	-			-		-	-	
1840 Corymbia citriodora Spotted Gum 175 175 15.0 5.0 2.1 Regular - - - - - - Typical -		,									-			-	-			-	-		-					-	-	
1841 Corymbia citriodora Spotted Gum 100 100 13.0 3.0 2.0 Regular - - - - - - Typical -			•		110, 75											-		-			-			+				
1842 Corymbia citriodora Spotted Gum 115 115 13.0 3.0 2.0 Regular - - - - - - Typical -										_						-		-			-							
1843 Eucalyptus tereticornis Forest Red Gum 110 110 10.0 3.0 2.0 Regular Typical Typical Remove	_									- J						+ -		-			-							
		,	•													-		-			-		-	+				
10/10/C		,,	Spotted Gum	150	130, 50	205	17.0	5.0	2.5	Regular		_	_				Typical		_		_	Typical		_	_	_	_	Remove

		Specim	en Details								Cai	nopy Cond	lition Deta	ails				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specific	etulis		[60													. I WIIR				, au	a				
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	paddoT	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1845	Corymbia citriodora	Spotted Gum	130	120, 80	194	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1846	Corymbia citriodora	Spotted Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1847	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1848	Corymbia citriodora	Spotted Gum	200		200	18.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1849 1850	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 140	80	130 161	13.0 16.0	3.0 4.0	2.0	Regular Regular	-	-	-		-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1851	Corymbia citriodora	Spotted Gum	100	85	131	14.0	3.0	2.0	Regular	-	-	-		-	_	Typical	-		-		Typical		-	-	_	-	Remove
1852	Corymbia citriodora	Spotted Gum	125		125	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1853	Corymbia citriodora	Spotted Gum	125	90	154	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	ı	Typical		-	-	-	-	Remove
1854	Corymbia citriodora	Spotted Gum	160	80, 70	192	16.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1855	Corymbia citriodora	Spotted Gum	100		100	16.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1856 1857	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum	100		100	11.0	1.0 4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1858	Corymbia citriodora	Spotted Gum Spotted Gum	120 140	90	120 166	13.0 14.0	3.0	2.0	Regular Regular	-	-	-		-	+	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1859	Corymbia citriodora	Spotted Gum	135		135	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1860	Eucalyptus tereticornis	Forest Red Gum	110	90, 75	161	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1861	Corymbia citriodora	Spotted Gum	155		155	19.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1862	Corymbia citriodora	Spotted Gum	165		165	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1863	Eucalyptus tereticornis	Forest Red Gum	135		135	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1864 1865	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110 100		110	14.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1866	Corymbia citriodora	Spotted Gum	110		110	15.0	3.0	2.0	Regular	-	-			-		Typical	-		_		Typical		-	_	_	-	Remove
1867	Corymbia citriodora	Spotted Gum	100		100	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1868	Corymbia citriodora	Spotted Gum	140		140	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1869	Corymbia citriodora	Spotted Gum	125		125	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1870	Corymbia citriodora	Spotted Gum	135		135	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1871	Corymbia citriodora	Spotted Gum	185	85	204	17.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1872	Corymbia citriodora	Spotted Gum	120		120	16.0 16.0	3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1873 1874	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	155 155		155 155	17.0	5.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical		-	-	-	Typical Typical		-	-	-	-	Remove Remove
1875	Corymbia citriodora	Spotted Gum	105		105	14.0	3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1876	Corymbia citriodora	Spotted Gum	130		130	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1877	Corymbia citriodora	Spotted Gum	140		140	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1878	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
1879	Acacia disparrima	Hickory Wattle	155	400	155	7.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1880 1881	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 160	120	170 160	16.0 13.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1882	Corymbia citriodora	Spotted Gum	130		130	13.0	3.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	145	65	159	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1884	Corymbia citriodora	Spotted Gum	165	160,150	274	17.0	6.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1885	Corymbia citriodora	Spotted Gum	135		135	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1886	Corymbia citriodora	Spotted Gum	195		195	18.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1887	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1888 1889	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 190		130 190	15.0 21.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1890	Corymbia citriodora	Spotted Gum	110	1	110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1891	Corymbia citriodora	Spotted Gum	190	90	210	18.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1892	Corymbia citriodora	Spotted Gum	160		160	17.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1893	Corymbia citriodora	Spotted Gum	135		135	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1894		Spotted Gum	130	85	155	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1895 1896	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 200		140 200	14.0 16.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1897		Moreton Bay Ash	110	100	149	11.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1898	Corymbia citriodora	Spotted Gum	145		145	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1899	Corymbia citriodora	Spotted Gum	105		105	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1900	Corymbia citriodora	Spotted Gum	135		135	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1901	,	Spotted Gum	115		115	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1902	Eucalyptus crebra	Narrow-leaved Ironbark	145		145 105	13.0 12.0	4.0 2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1903 1904	,	Spotted Gum Spotted Gum	105 155		155	14.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1904	Corymbia citriodora	Spotted Gum	165		165	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1906	•	Narrow-leaved Ironbark	240		240	17.0	5.0	2.9	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
1907	Eucalyptus tereticornis	Forest Red Gum	230		230	18.0	6.0	2.8	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
1908	,	Spotted Gum	185		185	21.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	155		155	7.0	5.0	2.0	Regular	-	-	This said as	- D:- ll-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1910 1911	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	165 180	-	165 180	17.0 19.0	5.0 5.0	2.0	Regular Regular	-	-	Thinning -	Die-back -	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove Remove
1911	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110		110	16.0	2.0	2.2	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1913	,	Spotted Gum	165		165	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1914	Corymbia citriodora	Spotted Gum	130	90	158	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
1915	Eucalyptus crebra	Narrow-leaved Ironbark	310		310	17.0	6.0	3.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	140		140	15.0	5.0	2.0	Regular	-	-	-	-	-	- 1	Typical		-	-	-	Typical		-	-	-	-	Remove
1917	Eucalyptus crebra	Narrow-leaved Ironbark	250		250	16.0	5.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1918	Corymbia citriodora	Spotted Gum	160		160	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	en Details	s							Ca	nopy Cond	dition Deta	ails				Trunk	Condition	Details		Faur	na Details a	nd Habitat	Value		
		Specific	Details		[60						- Ca	l con						Hank				raui	a ctuiis a	Idalitat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1919	Corymbia citriodora	Spotted Gum	170		170	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1920	Corymbia citriodora	Spotted Gum	145		145	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1921	Acacia disparrima	Hickory Wattle	165	160, 140	269	10.0	7.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1922 1923	Corymbia citriodora	Spotted Gum	155 120		155 120	14.0 13.0	5.0 2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1923	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	185		185	18.0	5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1925	Corymbia citriodora	Spotted Gum	210		210	20.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1926	Corymbia citriodora	Spotted Gum	105		105	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1927	Corymbia citriodora	Spotted Gum	100		100	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1928	Corymbia citriodora	Spotted Gum	150		150	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1929	Corymbia citriodora	Spotted Gum	125		125	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1930 1931	Corymbia tessellaris Corymbia citriodora	Moreton Bay Ash Spotted Gum	115 125		115 125	11.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1931	Corymbia citriodora	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-		_	-	-	-	Typical	-	-	-	_	Typical		-	-	_	-	Remove
1933	Corymbia citriodora	Spotted Gum	120	80, 80	165	13.0	4.0	2.0	Regular	- 1	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1934	Acacia disparrima	Hickory Wattle	220		220	7.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1935	Corymbia citriodora	Spotted Gum	250		250	22.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1936	Corymbia citriodora	Spotted Gum	225		225	18.0	5.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1937	Corymbia citriodora	Spotted Gum	120		120	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1938 1939	Corymbia citriodora	Spotted Gum	175 180		175 180	16.0 16.0	5.0 4.0	2.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
1939	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	180		180	17.0	6.0	2.2	Regular	-				-	-	Typical	-	-	_		Typical		-	_	_	_	Remove Remove
1941	,	Spotted Gum	125		125	17.0	3.0	2.0	Regular	_	_	-	_	-	-	Typical	-	_	_	_	Typical		-	_	-	-	Remove
1942	Corymbia citriodora	Spotted Gum	230		230	18.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1943	Eucalyptus tereticornis	Forest Red Gum	120		120	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	1	Typical		-	-	-	-	Remove
1944	Corymbia citriodora	Spotted Gum	125		125	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1945	Corymbia citriodora	Spotted Gum	165	115	201	18.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1946	Corymbia citriodora	Spotted Gum	200		200	18.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1947 1948	Corymbia citriodora	Spotted Gum	220 220		220	19.0 19.0	5.0 5.0	2.6 2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1948	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	115		220 115	14.0	5.0	2.0	Regular Regular	-		-	-	-	 	Typical Typical	-	-	-		Typical Typical		-	-	_	-	Remove Remove
1950	Corymbia citriodora	Spotted Gum	180		180	21.0	6.0	2.2	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1951	Corymbia citriodora	Spotted Gum	145		145	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1952	Corymbia citriodora	Spotted Gum	120		120	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1953	Corymbia citriodora	Spotted Gum	115	90, 70	162	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1954	Corymbia citriodora	Spotted Gum	130		130	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1955 1956	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 230		130 230	14.0 20.0	5.0 5.0	2.0	Regular Regular	-	-	-	-	-	- 	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Spotted Gum	120		120	16.0	4.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	160		160	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia concurrens	Black Wattle	190		190	8.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-		-	Remove
1960	Corymbia citriodora	Spotted Gum	105		105	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	1	-	-	1	Typical		-	-	-	-	Remove
1961	Corymbia citriodora	Spotted Gum	195		195	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1962	Corymbia citriodora	Spotted Gum	165		165	18.0	4.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	Remove
1963 1964	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	135		135 105	15.0 13.0	5.0 4.0	2.0	Regular	-	-	-	-	-	 - 	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1964	,	Spotted Gum	105 120		120	13.0	4.0	2.0	Regular Regular	-		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1966	Corymbia citriodora	Spotted Gum	110	95	145	17.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1967	Corymbia citriodora	Spotted Gum	240		240	19.0	5.0	2.9	Regular	-	-	-	-	-	Lopped	Typical	-	-	-		Typical		-	-	-	-	Remove
1968		Hickory Wattle	200		200	7.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1969	Corymbia citriodora	Spotted Gum	205		205	19.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1970	•	Spotted Gum	150		150	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1971 1972		Spotted Gum Narrow-leaved Ironbark	145 160		145 160	14.0 11.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	- Lopped	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1972		Bull Oak	1858		185	9.0	3.0	2.0	Regular	-	-	-	-	-	- Lopped	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1974	Eucalyptus crebra	Narrow-leaved Ironbark	120		120	9.0	3.0	2.0	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1975	Eucalyptus tereticornis	Forest Red Gum	125		125	11.0	3.0	2.0	Regular	-	-	-	-	-		Typical		-	-	_	Typical		-	-	-	-	Remove
1976	Eucalyptus tereticornis	Forest Red Gum	125		125	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Hickory Wattle	185	155, 100	261	8.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1978	,	Spotted Gum	190		190	16.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	- Minor	-	-	-	Typical		-	-	-	-	Remove
1979 1980	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	125 165		125 165	12.0 12.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	Minor	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1980	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100		100	11.0	4.0	2.0	Regular	-	<u>-</u>	-	-	-	 	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1982	Corymbia citriodora	Spotted Gum	100		100	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1983	Corymbia citriodora	Spotted Gum	190		190	16.0	5.0	2.3	Regular	-		-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1984		Spotted Gum	155		155	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
1985	Corymbia citriodora	Spotted Gum	145		145	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1986	Corymbia citriodora	Spotted Gum	105		105	15.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1987		Spotted Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1988 1989	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	105 120		105 120	13.0 14.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1989	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	200		200	19.0	5.0	2.0	Regular	-		-	-	-	 	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
1991	Corymbia citriodora	Spotted Gum	155		155	18.0	5.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	185		185	19.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,															, , , , , , , ,					, ,,						<u> </u>

		Specim	en Details	•							Ca	nopy Cond	dition Deta	ails				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specim	Cii Details		[60						Ca	opy cont	artion Dela	4.13				Trank	Condition	Details		raur	Decans a	Habitat	value		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	paddoT	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
1993	Corymbia citriodora	Spotted Gum	105		105	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1994	Corymbia citriodora	Spotted Gum	135		135	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1995	Corymbia citriodora	Spotted Gum	200		200	20.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1996	Corymbia citriodora	Spotted Gum	275	1.45	275	22.0	8.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
1997 1998	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	200 155	145	247 155	20.0 13.0	6.0 4.0	3.0 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
1999	Corymbia citriodora	Spotted Gum	105		105	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2000	Corymbia citriodora	Spotted Gum	195		195	18.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2001	Corymbia citriodora	Spotted Gum	180		180	19.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2002	Corymbia citriodora	Spotted Gum	160		160	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2003	Eucalyptus tereticornis	Forest Red Gum	105		105	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2004 2005	Corymbia tessellaris Corymbia citriodora	Moreton Bay Ash Spotted Gum	105 210		105 210	9.0 21.0	2.0 6.0	2.0 2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2006	Corymbia citriodora	Spotted Gum	145		145	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2007	Corymbia citriodora	Spotted Gum	195		195	18.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2008	Corymbia citriodora	Spotted Gum	120	50	130	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2009	Corymbia citriodora	Spotted Gum	145		145	17.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2010	Corymbia citriodora	Spotted Gum	120		120	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2011	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100 125		100 125	14.0 18.0	1.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2012	Corymbia citriodora	Spotted Gum	160		160	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2014	Corymbia citriodora	Spotted Gum	175		175	20.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2015	Corymbia citriodora	Spotted Gum	110		110	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2016	Corymbia citriodora	Spotted Gum	280		280	21.0	7.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2017	Corymbia citriodora	Spotted Gum	125		125	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2018	Corymbia citriodora	Spotted Gum	115		115	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2019	Corymbia citriodora	Spotted Gum	105		105	14.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2020 2021	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 140		140 140	15.0 14.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2021	Corymbia citriodora	Spotted Gum	160		160	13.0	4.0	2.0	Regular	-	-	-	_	-	-	Typical	-		_	-	Typical		-	-	_	_	Remove
2023	Corymbia citriodora	Spotted Gum	125		125	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2024	Corymbia citriodora	Spotted Gum	160		160	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2025	Corymbia citriodora	Spotted Gum	165		165	14.0	4.0	2.0	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2026	Eucalyptus crebra	Narrow-leaved Ironbark	195		195	14.0	6.0	2.3	Regular	-	-	-	-		-	Typical	Minor	-	-	-	Typical		-	-	-	-	Remove
2027 2028	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110 180		110 180	15.0 18.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2028	Corymbia citriodora	Spotted Gum	130		130	17.0	2.0	2.2	Regular	-	-	-	_	-	-	Typical	-		_	-	Typical		-	-	_	_	Remove
2030	Eucalyptus tereticornis	Forest Red Gum	135		135	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2031	Corymbia citriodora	Spotted Gum	170		170	18.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	130		130	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2033		Spotted Gum	115	100	152	14.0	4.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2034	Corymbia citriodora Allocasuarina luehmannii	Spotted Gum Bull Oak	125 185		125 185	14.0 12.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2033	Corymbia citriodora	Spotted Gum	230		230	18.0	5.0	2.8	Regular	-	-	-	_	-	-	Typical	-		_	-	Typical		-	-	_	_	Remove
2037	•	Spotted Gum	130		130	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2038	Eucalyptus tereticornis	Forest Red Gum	120		120	12.0	5.0	2.0	Regular	-	-	1	-	-	-	Typical	1	-	-	-	Typical		-	-	-	-	Remove
2039		Spotted Gum	120		120	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2040 2041		Smooth-barked Apple	100 190		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2041		Bull Oak Spotted Gum	190		190 145	11.0 17.0	4.0 5.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2042	Corymbia citriodora	Spotted Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2044	,	Spotted Gum	110		110	14.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2045	•	Spotted Gum	115		115	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2046	Corymbia citriodora	Spotted Gum	105		105	12.0	3.0	2.0	Regular	-	-	1	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2047	Corymbia citriodora	Spotted Gum	200		200	17.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2048 2049	Corymbia citriodora Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	240 175		240 175	18.0 12.0	6.0 5.0	2.9 2.1	Regular Regular	-	-	-	-	-	-	Typical Typical	- Minor	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2050	Corymbia citriodora	Spotted Gum	155		155	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2051	•	Spotted Gum	250		250	19.0	7.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2052	Eucalyptus tereticornis	Forest Red Gum	125		125	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2053	Eucalyptus tereticornis	Forest Red Gum	200		200	12.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2054		Forest Red Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2055 2056	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	115 230		115 230	11.0 8.0	1.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
2057	Eucalyptus tereticornis	Forest Red Gum	145		145	13.0	2.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
2058	,,	Spotted Gum	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2059	Corymbia citriodora	Spotted Gum	110	80	136	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2060	Corymbia citriodora	Spotted Gum	105		105	13.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2061		Hickory Wattle	165		165	8.0	6.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2062	Corymbia citriodora	Spotted Gum	240	90.65	240	17.0	5.0	2.9	Regular	-	-	-	-	-	-	Typical	-	- Nativo	-	-	Typical		-	-	-	-	Remove
2063 2064	Melaleuca irbyana Eucalyptus tereticornis	Swamp Tea-tree Forest Red Gum	90 100	80, 65	137 100	7.0 9.0	5.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	Native -	-	-	Typical Typical		-	-	-	-	Remove Remove
	Acacia disparrima	Hickory Wattle	210		210	9.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	150		150	11.0		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,,			·												, p 50.					, ,,	L				•	

		Specim	nen Details	<u> </u>							Ca	anopy Cond	dition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Speciii	Detail:		[60													Trank	Julia di la la la la la la la la la la la la la			raui	a	- a naznat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
2067	Corymbia citriodora	Spotted Gum	175		175	17.0	2.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2068	Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	Remove
2069	Corymbia citriodora	Spotted Gum	185		185	16.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2070 2071	Corymbia citriodora	Spotted Gum Forest Red Gum	155 105		155 105	14.0 14.0	2.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2071	Eucalyptus tereticornis Corymbia citriodora	Spotted Gum	220		220	15.0	5.0	2.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2073	Eucalyptus tereticornis	Forest Red Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2074	Corymbia citriodora	Spotted Gum	110		110	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2075	Corymbia citriodora	Spotted Gum	135		135	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2076 2077	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110	80	136 130	12.0 12.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2077	Corymbia citriodora	Spotted Gum	240		240	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	_	-	Typical		-	-	-	-	Remove
2079	Eucalyptus tereticornis	Forest Red Gum	190		190	11.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2080	Angophora leiocarpa	Smooth-barked Apple	105		105	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2081	Corymbia citriodora	Spotted Gum	100	60 == ==	100	9.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2082	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 105	60, 50, 50 85	152 135	14.0 12.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
2083	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130	63	130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		+ -	-	-	-	Remove Remove
2085	Corymbia citriodora	Spotted Gum	135		135	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2086	Corymbia citriodora	Spotted Gum	145	110	182	13.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2087	Corymbia citriodora	Spotted Gum	200		200	15.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
2088	Eucalyptus tereticornis	Forest Red Gum	150		150	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2089 2090	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	165 210		165 210	15.0 8.0	4.0 6.0	2.0	Regular Regular	-	-	- Thinning	- Die-back	-	-	Typical Poor	-			-	Typical Typical		-	-	-	-	Remove Remove
2091	Corymbia citriodora	Spotted Gum	185		185	15.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2092	Eucalyptus tereticornis	Forest Red Gum	150		150	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2093	Eucalyptus tereticornis	Forest Red Gum	100		100	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2094	Corymbia citriodora	Spotted Gum	200		200	17.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2095 2096	Corymbia citriodora	Spotted Gum	170 190		170 190	16.0 8.0	5.0 5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2096	Acacia disparrima Acacia disparrima	Hickory Wattle Hickory Wattle	175		175	8.0	5.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2098	Corymbia citriodora	Spotted Gum	120		120	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2099	Acacia disparrima	Hickory Wattle	180		180	9.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2100	Acacia disparrima	Hickory Wattle	230	140	230	8.0	6.0	2.8	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2101 2102	Acacia disparrima Acacia disparrima	Hickory Wattle Hickory Wattle	150 240	140	205 240	8.0 8.0	6.0	2.5 2.9	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2103	Corymbia citriodora	Spotted Gum	225		225	16.0	4.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2104	Acacia disparrima	Hickory Wattle	165		165	8.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2105	,	Spotted Gum	210		210	17.0	4.0	2.5	Regular	-		-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2106	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	200 140		200 140	8.0 14.0	5.0 3.0	2.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2107	Corymbia citriodora	Spotted Gum	125		125	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2109	Corymbia citriodora	Spotted Gum	230		230	17.0	5.0	2.8	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2110	Eucalyptus tereticornis	Forest Red Gum	170		170	12.0	5.0	2.0	Regular	-	1	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2111	Corymbia citriodora	Spotted Gum	120		120	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2112 2113	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	230 155		230 155	15.0 13.0	4.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2113	Eucalyptus tereticornis	Forest Red Gum	120		120	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2115	Acacia disparrima	Hickory Wattle	220		220	8.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
2116		Spotted Gum	140		140	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2117	Corymbia citriodora	Spotted Gum	155		155	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2118 2119		Spotted Gum Spotted Gum	140 155		140 155	16.0 17.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2120	Corymbia citriodora	Spotted Gum	115		115	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2121	Corymbia citriodora	Spotted Gum	100		100	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2122	Corymbia citriodora	Spotted Gum	170		170	18.0	4.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2123 2124	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	185 220	100	185 242	18.0 19.0	5.0 6.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2124		Spotted Gum Spotted Gum	115	100	115	19.0	2.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		+ -	-	-	-	Remove Remove
2126	Acacia disparrima	Hickory Wattle	190		190	8.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2127	Acacia disparrima	Hickory Wattle	210		210	9.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2128		Spotted Gum	140		140	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2129 2130	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	115 125	80, 90	115 174	11.0 15.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2130	Corymbia citriodora	Spotted Gum	100	80, 80,60	162	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2132	Corymbia citriodora	Spotted Gum	205	, , ,	205	19.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	_	-	-	-	Typical		-	-	-	-	Remove
2133	Corymbia citriodora	Spotted Gum	130	100	164	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2134	Corymbia citriodora	Spotted Gum	120		120	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2135 2136	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	250 110		250 110	8.0 16.0	6.0 2.0	3.0 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2130	Corymbia citriodora	Spotted Gum	155		155	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2138	Corymbia citriodora	Spotted Gum	135	120	181	15.0	5.0	2.2	Regular	-	-	-	-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
2139	Corymbia citriodora	Spotted Gum	130	90	158	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2140	Corymbia tessellaris	Moreton Bay Ash	170		170	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	en Details	s						Canopy	Condition Det	ails				Trunk	Condition I	Details		Fau	na Details a	and Habitat	Value		
		Special	o cturil	[60						Janopy										· au					
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Die-Back	Epicormic Growth	Paddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2141	Acacia disparrima	Hickory Wattle	180	180	8.0	6.0	2.2	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2142	Eucalyptus tereticornis	Forest Red Gum	160	160	13.0	4.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	110	110	14.0	4.0	2.0	Regular	-		-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2144	Corymbia citriodora	Spotted Gum	150	95, 80 195	17.0	5.0	2.3	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2145 2146	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	105 110	40 112 110	13.0	4.0 3.0	2.0	Regular Regular	-			-	+=	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2147	Corymbia citriodora	Spotted Gum	130	130	13.0	4.0	2.0	Regular	-			-	+ -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2148	Acacia disparrima	Hickory Wattle	150	130, 90, 90 236	8.0	5.0	2.8	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2149	Eucalyptus tereticornis	Forest Red Gum	140	140	12.0	4.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2150	Corymbia citriodora	Spotted Gum	155	155	17.0	4.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2151 2152	Corymbia citriodora	Spotted Gum	125	125	15.0	3.0 5.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2152	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	155 190	155 190	7.0	5.0	2.0	Regular Regular	-		-	-	+	Typical Typical	-	-	-		Typical Typical		+ -	-	-	-	Remove Remove
2154	Eucalyptus tereticornis	Forest Red Gum	175	175	14.0	5.0	2.3	Regular	-			-	+ -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	125	125	14.0	4.0	2.0	Regular			-	-		Typical		-	-		Typical		-	-	-	-	Remove
2156	Corymbia citriodora	Spotted Gum	120	120	10.0	3.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2157	Corymbia citriodora	Spotted Gum	115	115	14.0	3.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2158	Corymbia citriodora	Spotted Gum	115	115	13.0	3.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2159 2160	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	190 180	190 180	18.0 17.0	6.0 4.0	2.3	Regular Regular	-			-	+	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
	Acacia disparrima	Hickory Wattle	190	100,60 223	7.0	5.0	2.7	Regular	-			-	+	Typical	-	-	-		Typical		-	-	-	_	Remove
2162	Corymbia citriodora	Spotted Gum	150	150	18.0	4.0	2.0	Regular	-			-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2163	Corymbia citriodora	Spotted Gum	155	155	18.0	4.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2164	Corymbia citriodora	Spotted Gum	165	165	18.0	4.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2165	Corymbia citriodora	Spotted Gum	135	135	18.0	3.0	2.0	Regular	-			-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2166	Corymbia citriodora	Spotted Gum	155	155	17.0	3.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2167 2168	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 185	130 135 229	17.0 17.0	2.0 6.0	2.0	Regular Regular	-			-	+ = -	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2169	Corymbia citriodora	Spotted Gum	185	185	18.0	5.0	2.2	Regular	_		-	-	_	Typical	-	-	_	_	Typical		-	_	-	_	Remove
2170	Corymbia citriodora	Spotted Gum	105	105	15.0	3.0	2.0	Regular	-			-	+ - +	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2171	Corymbia citriodora	Spotted Gum	220	220	18.0	5.0	2.6	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2172	Corymbia citriodora	Spotted Gum	120	120	12.0	2.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2173	Corymbia citriodora	Spotted Gum	130	130	13.0	2.0	2.0	Regular	-		-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2174 2175	Corymbia citriodora Corymbia citriodora	Spotted Gum	160 130	160 130	18.0 14.0	4.0 3.0	2.0	Regular	-		-	-	+	Typical	-	-	-		Typical		-	-	-	-	Remove Remove
2176	Corymbia citriodora	Spotted Gum Spotted Gum	155	155	13.0	5.0	2.0	Regular Regular	-			-	+ -	Typical Typical	-	-	-		Typical Typical		-	-	-	_	Remove
2177	Eucalyptus tereticornis	Forest Red Gum	120	120	10.0	2.0	2.0	Regular	-			-	+ -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2178	Corymbia citriodora	Spotted Gum	185	185	14.0	4.0	2.2	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	110	110	11.0	1.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	/ '	Forest Red Gum	130	130	12.0	2.0	2.0	Regular	-			-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2181 2182	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	145 165	145 165	13.0 14.0	2.0 3.0	2.0	Regular Regular	-			-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymbia citriodora	Spotted Gum	200	200	17.0	4.0	2.4	Regular	-			-	+=+	Typical	-	-	-	-	Typical		-	-	-	_	Remove
	Corymbia citriodora	Spotted Gum	140	140	12.0	3.0	2.0	Regular	-		-	-	+ - +	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2185	Eucalyptus tereticornis	Forest Red Gum	160	160	12.0	2.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	120	120	12.0	3.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2187	Corymbia citriodora	Spotted Gum	125	125	12.0	3.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2188 2189	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	145 165	145 165	13.0 10.0	4.0 2.0	2.0	Regular Regular	-	- Thin		-	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Spotted Gum	165	165	16.0	4.0	2.0	Regular	-	- 1111111		-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	110	110	12.0	2.0	2.0	Regular	-		-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
2192	Eucalyptus tereticornis	Forest Red Gum	130	130	12.0	3.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	/'	Narrow-leaved Ironbark	110	110	9.0	3.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	170	170	12.0	4.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	260 260	260 260	17.0 14.0	5.0 6.0	3.1	Regular Regular	-		-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Eucalyptus tereticornis	Forest Red Gum	130	100 164	10.0	4.0	2.0	Regular	-			-	+	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	160	160	11.0	4.0	2.0	Regular	-		-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
	/ '	Forest Red Gum	175	175	12.0	4.0	2.1	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	185	185	11.0	5.0	2.2	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	200	200	9.0	6.0	2.4	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	/ '	Forest Red Gum Silver-leaved Ironbark	120 135	120 135	12.0 9.0	3.0 3.0	2.0	Regular Regular	-		-	-	+	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Spotted Gum	160	160	13.0	3.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2205	Corymbia citriodora	Spotted Gum	135	135	17.0	2.0	2.0	Regular	-		-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
	•	Spotted Gum	120	120	13.0	2.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2207	Corymbia citriodora	Spotted Gum	190	190	18.0	4.0	2.3	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2208	Corymbia citriodora	Spotted Gum	125	125	17.0	5.0	2.0	Regular	-			-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2209	/ '	Forest Red Gum Spotted Gum	105 130	105 130	12.0 17.0	1.0 3.0	2.0	Regular Regular	-		-	-	+-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Corymhia citriodora	CANALISM SIMILI	130	130	17.0	٥.0		_					لستسب		-	_									nemove
	Corymbia citriodora Corymbia citriodora	Spotted Gum	120	120	15.0	3.0	2.0	Regular	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2210 2211	Corymbia citriodora Corymbia citriodora Corymbia citriodora	_		120 160	15.0 16.0	3.0 4.0	2.0	Regular Regular	-			-	-	Typical Typical	-	-	-		Typical		-	-	-	-	Remove Remove
2210 2211 2212 2213	Corymbia citriodora Corymbia citriodora Eucalyptus tereticornis	Spotted Gum	120					- J			-	-	-		- - -			-			_	_			

		Specim	nen Details								Cai	nopy Cond	ition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specim	Detail:		[60						Cal		ition Deta					Trank	Condition	etans .		raur	Decans a	Habitat	value		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2215	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2216	Corymbia citriodora	Spotted Gum	130		130	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2217	Corymbia citriodora	Spotted Gum	190		190	18.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2218 2219	Corymbia citriodora	Spotted Gum	150 155		150 155	18.0 17.0	5.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2220	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	130		130	15.0	3.0	2.0	Regular Regular	-	-	-	-	-	_	Typical Typical	-	-	_		Typical Typical		-	-	-	-	Remove Remove
2221	Corymbia citriodora	Spotted Gum	130		130	16.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2222	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2223	Eucalyptus tereticornis	Forest Red Gum	105		105	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2224	Corymbia citriodora	Spotted Gum	145		145	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2225	Corymbia citriodora	Spotted Gum	110		110	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2226 2227	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	115 110		115 110	16.0 16.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2228	Corymbia citriodora	Spotted Gum	130	80	153	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	_	_	-		Typical		-	_	-	-	Remove
2229	Corymbia citriodora	Spotted Gum	135	- 55	135	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2230	Eucalyptus tereticornis	Forest Red Gum	125		125	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2231	Corymbia citriodora	Spotted Gum	200		200	18.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2232	Corymbia citriodora	Spotted Gum	145		145	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2233	Corymbia citriodora	Spotted Gum	140		140	16.0	3.0	2.0	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2234	Corymbia citriodora	Spotted Gum	165		165	17.0	4.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
2235 2236	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110		110 100	16.0 16.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2237	,	Spotted Gum	145		145	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2238	Corymbia citriodora	Spotted Gum	170		170	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2239	Corymbia citriodora	Spotted Gum	130		130	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2240	Corymbia citriodora	Spotted Gum	150		150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	1	-	-	-	Typical		-	-	-	-	Remove
2241	Corymbia citriodora	Spotted Gum	160	110	194	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2242	Corymbia citriodora	Spotted Gum	120		120	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2243	Corymbia citriodora	Spotted Gum	150		150	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2244 2245	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	105 185		105 185	12.0 9.0	2.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2243	Corymbia citriodora	Spotted Gum	105		105	13.0	2.0	2.0	Regular	-	-	-	-	-	_	Typical	-	_	_		Typical		-	-	-	-	Remove
2247	Corymbia citriodora	Spotted Gum	125		125	17.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2248	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2249	Corymbia citriodora	Spotted Gum	120		120	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2250	Corymbia citriodora	Spotted Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2251	Acacia disparrima	Hickory Wattle	185		185	9.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
2252 2253	Corymbia citriodora Corvmbia citriodora	Spotted Gum Spotted Gum	145 160		145	16.0 17.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,	Forest Red Gum	155		160 155	14.0	3.0	2.0	Regular	-	-	-	-			Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2255	Eucalyptus tereticornis	Forest Red Gum	155		155	12.0	3.0	2.0	Regular	-		Thinning	Die-back	_	_	Poor	_	Native	_	_	Typical		_	_	_	-	Remove
2256	Corymbia citriodora	Spotted Gum	160		160	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2257	Corymbia tessellaris	Moreton Bay Ash	125		125	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2258	Corymbia citriodora	Spotted Gum	130		130	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2259		Spotted Gum	230		230	9.0	2.0	2.8	Regular	-	-	-	-	-	Lopped	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2260 2261	Corymbia citriodora	Spotted Gum	175		175	14.0 16.0	5.0 3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
2261	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	135 200		135 200	19.0	5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2263	Corymbia tessellaris	Moreton Bay Ash	105		105	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2264	Eucalyptus tereticornis	Forest Red Gum	120	<u> </u>	120	9.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	_	Typical		-	-	-	-	Remove
2265	Corymbia citriodora	Spotted Gum	210		210	19.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2266	Corymbia citriodora	Spotted Gum	190		190	17.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2267		Spotted Gum	160		160	18.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2268	Corymbia citriodora	Spotted Gum Spotted Gum	285 105		285 105	18.0 11.0	6.0 1.0	3.4 2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2269 2270	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100		105	13.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2270	,	Spotted Gum	210		210	17.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2272	Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2273	•	Spotted Gum	130	100	164	15.0	4.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	210		210	9.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	200	170	262	9.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2276		Spotted Gum	140	4.40	140	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	- Ni-et	-	-	Typical		-	-	-	-	Remove
2277	Corymbia citriodora	Spotted Gum Spotted Gum	250 150	140 50, 70, 600	287 624	18.0 14.0	6.0 5.0	3.4 7.5	Regular	-	-	-	-	-	-	Typical	-	Native -	-	-	Typical		-	-	-	-	Remove Remove
2278 2279	Corymbia citriodora Eucalyptus tereticornis	Forest Red Gum	150 120	120	170	13.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
2280	Corymbia citriodora	Spotted Gum	130	120	130	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2281	Corymbia citriodora	Spotted Gum	130	110	170	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2282	Corymbia citriodora	Spotted Gum	150	90	175	13.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2283		Forest Red Gum	125		125	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2284	Corymbia citriodora	Spotted Gum	140		140	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2285	Corymbia citriodora	Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
2286	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120		120	14.0 12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	- Native	-	-	Typical		-	-	-	-	Remove
2287 2288		Forest Red Gum	125 200		125 200	13.0	5.0	2.0	Regular Regular	-		- Thinning	- Die-back	-	-	Typical Poor	-	Native -	-	-	Typical Typical		-	-	-	-	Remove Remove
2200	Lucurypius tereticornis	r orest neu duiti	200	l	200	13.0	٥.٠	۷.٦	negulai		-	rimining	DIC-DUCK			1 001	-				iypicai		1				NCHIOVC

		Specim	en Details	5							Ca	anopy Cond	dition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specific	J. Detuils		[60													Trank				raui	cuiis a				
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2289	Corymbia citriodora	Spotted Gum	100		100	14.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2290	Corymbia citriodora	Spotted Gum	230	120	259	18.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2291	Corymbia citriodora	Spotted Gum	125		125	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2292	Corymbia citriodora	Spotted Gum	260	150	260	18.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2293 2294	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	230 150	150	275 150	9.0 14.0	6.0 3.0	3.3 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2295	Corymbia citriodora	Spotted Gum	125		125	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2296	Corymbia citriodora	Spotted Gum	130	120, 80	194	10.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2297	Corymbia citriodora	Spotted Gum	135		135	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2298	Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2299 2300	Angophora leiocarpa	Smooth-barked Apple	125	90, 90	178	10.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2300	Eucalyptus crebra Eucalyptus tereticornis	Narrow-leaved Ironbark Forest Red Gum	170 185		170 185	12.0 15.0	3.0 5.0	2.0	Regular Regular	-		-	-	-		Typical Typical	-	-	-		Typical Typical		<u> </u>	-	_	-	Remove Remove
2302	Acacia disparrima	Hickory Wattle	230		230	8.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2303	Corymbia citriodora	Spotted Gum	130		130	12.0	3.0	2.0	Regular		-	-	-	-		Typical		-			Typical		-	-	-	-	Remove
2304	Corymbia citriodora	Spotted Gum	115		115	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2305	Corymbia citriodora	Spotted Gum	150	100	180	12.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2306	Corymbia citriodora	Spotted Gum	165		165	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2307 2308	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	220 150	80	220 170	17.0 17.0	5.0 4.0	2.6	Regular Regular	-		-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	_	Remove Remove
2309	Corymbia citriodora	Spotted Gum	120	00	120	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2310	Corymbia citriodora	Spotted Gum	110	80	136	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2311	Corymbia citriodora	Spotted Gum	125		125	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
2312	Corymbia citriodora	Spotted Gum	125		125	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2313	Corymbia citriodora	Spotted Gum	150		150	18.0	3.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-		Typical		-	-	-	-	Remove
2314	Corymbia citriodora	Spotted Gum	155		155	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2315 2316	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	165 175		165 175	13.0 16.0	3.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2317	Corymbia citriodora	Spotted Gum	110	90	142	13.0	3.0	2.0	Regular	_	_	_	_	_	-	Typical	-	_	_	_	Typical		_	-	-	_	Remove
2318	Corymbia citriodora	Spotted Gum	195		195	18.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2319	Corymbia citriodora	Spotted Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2320	Corymbia citriodora	Spotted Gum	120		120	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2321	Corymbia citriodora	Spotted Gum	125	120	125	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2322 2323	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	170 155	120	208 155	17.0 15.0	5.0 3.0	2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2323	Acacia disparrima	Hickory Wattle	220		220	6.0	5.0	2.6	Regular	-		_	-	_	-	Typical	-	-	-	_	Typical		-	-	-	_	Remove
2325	Corymbia citriodora	Spotted Gum	105		105	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2326	Corymbia citriodora	Spotted Gum	165		165	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	120		120	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	320		320	18.0	6.0	3.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2329 2330	Corymbia tessellaris Eucalyptus tereticornis	Moreton Bay Ash Forest Red Gum	115 290		115 290	7.0 18.0	3.0 5.0	2.0 3.5	Regular Regular	-	-	- Thinning	- Die-back	-	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2331	Eucalyptus tereticornis	Forest Red Gum	130		130	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2332	Eucalyptus tereticornis	Forest Red Gum	145		145	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2333	Eucalyptus tereticornis	Forest Red Gum	290		290	17.0	5.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2334	Eucalyptus crebra	Narrow-leaved Ironbark	190		190	13.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2335	,,	Narrow-leaved Ironbark	170		170	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2336 2337	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	230 120	90	230 150	16.0 12.0	4.0 2.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2338	Eucalyptus tereticornis	Forest Red Gum	265		265	16.0	4.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2339	Eucalyptus tereticornis	Forest Red Gum	165		165	11.0	3.0	2.0	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
2340	Eucalyptus crebra	Narrow-leaved Ironbark	100		100	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	160		160	13.0	3.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2342 2343	Eucalyptus crebra	Narrow-leaved Ironbark Forest Red Gum	165 110		165 110	12.0 11.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
2343	Eucalyptus tereticornis Eucalyptus crebra	Narrow-leaved Ironbark	125		125	8.0	2.0	2.0	Regular	-	-	-	-	-	 	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
2345	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2346	Acacia disparrima	Hickory Wattle	180	100	206	6.0	5.0	2.5	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2347		Hickory Wattle	180	130	222	7.0	5.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2348	Eucalyptus crebra	Narrow-leaved Ironbark	185		185	14.0	4.0	2.2	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2349 2350	Corymbia tessellaris Eucalyptus tereticornis	Moreton Bay Ash Forest Red Gum	100 135	 	100 135	8.0 11.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2350	Eucalyptus tereticornis	Forest Red Gum	100		100	9.0	1.0	2.0	Regular	-	-	-	-	-	 -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2352	Eucalyptus tereticornis	Forest Red Gum	115		115	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2353	Eucalyptus tereticornis	Forest Red Gum	135		135	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2354	,,	Forest Red Gum	150		150	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2355	Eucalyptus tereticornis	Forest Red Gum	160		160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2356 2357	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	125 115		125 115	11.0 9.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2357	Eucalyptus tereticornis	Forest Red Gum	200		200	13.0	3.0	2.0	Regular	-	-	-	-	-	 	Typical	-	-	-	-	Typical		+-	-	-	-	Remove
2359	Eucalyptus tereticornis	Forest Red Gum	120		120	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	155		155	12.0	3.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2361	Eucalyptus tereticornis	Forest Red Gum	125		125	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2362	Eucalyptus tereticornis	Forest Red Gum	160		160	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	en Detail:	S							Ca	anopy Con	dition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specific	CII Detall		[60						- Ca	opy con	a.t.o.i Deta	4113				Tunk	Condition	Jetuii3		raui	Details a	a riabitat	Talue		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2363	Eucalyptus tereticornis	Forest Red Gum	120		120	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2364	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2365	Eucalyptus tereticornis	Forest Red Gum	160		160	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2366 2367	Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	125 240		125 240	13.0 14.0	1.0 5.0	2.0 2.9	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove
2368	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum	120		120	12.0	3.0	2.9	Regular Regular	-		-	_	_	-	Typical	-	-	_		Typical Typical		-	-	_	-	Remove Remove
2369	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2370	Eucalyptus tereticornis	Forest Red Gum	105		105	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2371	Eucalyptus tereticornis	Forest Red Gum	200		200	15.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2372	Eucalyptus tereticornis	Forest Red Gum	100		100	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2373	Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2374 2375	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	105 100		105 100	12.0 13.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2376	Acacia disparrima	Hickory Wattle	210	†	210	9.0	5.0	2.5	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2377	Acacia disparrima	Hickory Wattle	170	150	227	9.0	5.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2378	Acacia disparrima	Hickory Wattle	195	175	262	9.0	4.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2379	Acacia disparrima	Hickory Wattle	160		160	9.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2380	Eucalyptus tereticornis	Forest Red Gum	185		185	15.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2381	Eucalyptus tereticornis	Forest Red Gum	175		175	9.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2382	Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	155 220	-	155 220	14.0 13.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
2384	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum	105		105	10.0	3.0	2.0	Regular	-			_	-	-	Typical Typical	_		_		Typical		-	_	_	-	Remove Remove
2385	Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	3.0	2.0	Regular	_	_	_	-	_	-	Typical	-	_	_	_	Typical		_	-	_	-	Remove
2386	Eucalyptus tereticornis	Forest Red Gum	190		190	14.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2387	Acacia disparrima	Hickory Wattle	210		210	9.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2388	Eucalyptus tereticornis	Forest Red Gum	270		270	18.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2389	Eucalyptus tereticornis	Forest Red Gum	310		310	18.0	6.0	3.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2390	Eucalyptus tereticornis	Forest Red Gum	290	140	322	18.0	7.0	3.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2391 2392	Eucalyptus tereticornis	Forest Red Gum	310 320	290 300	424	20.0 16.0	7.0 9.0	5.1 5.3	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2392	Eucalyptus tereticornis Acacia disparrima	Forest Red Gum Hickory Wattle	285	300	439 285	8.0	7.0	3.4	Regular Regular	-	-	-	-	-		Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2394	Eucalyptus tereticornis	Forest Red Gum	250	200, 180	367	17.0	7.0	4.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2395	Eucalyptus crebra	Narrow-leaved Ironbark	180	100	206	6.0	3.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2396	Eucalyptus tereticornis	Forest Red Gum	310		310	17.0	6.0	3.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2397	Eucalyptus tereticornis	Forest Red Gum	135		135	6.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2398	Corymbia tessellaris	Moreton Bay Ash	105		105	7.0	3.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2399	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum	320	200 14	320	17.0	7.0	3.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2400 2401	Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	300 130	290, 14	417 130	17.0 8.0	8.0 3.0	5.0 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
	/ '	Forest Red Gum	220		220	14.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2403	Eucalyptus tereticornis	Forest Red Gum	165		165	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2404	Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2405	Eucalyptus tereticornis	Forest Red Gum	200		200	16.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2406	Eucalyptus tereticornis	Forest Red Gum	145		145	12.0	3.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2407 2408	,	Forest Red Gum	105	 	105	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2408	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	200 280	 	200 280	13.0 16.0	4.0 5.0	2.4 3.4	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2410	Eucalyptus tereticornis	Forest Red Gum	180	160	241	13.0	5.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2411	Eucalyptus tereticornis	Forest Red Gum	210		210	15.0	5.0	2.5	Regular	-	-	-	-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
2412	,,	Forest Red Gum	165		165	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2413	Eucalyptus crebra	Narrow-leaved Ironbark	135	 	135	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2414	Eucalyptus tereticornis	Forest Red Gum	100		100	8.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2415 2416	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	100 110	70	100 130	5.0 12.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2417	Eucalyptus tereticornis	Forest Red Gum	210	//	210	17.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2417	Eucalyptus tereticornis	Forest Red Gum	145	t	145	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2419	Eucalyptus tereticornis	Forest Red Gum	155		155	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2420	Acacia disparrima	Hickory Wattle	410		410	10.0	8.0	4.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2421		Forest Red Gum	165		165	14.0	3.0	2.0	Regular	-	-	-	-	-]	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2422		Forest Red Gum	220		220	16.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	300	200	361	11.0	9.0	4.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2424 2425	Eucalyptus tereticornis Acacia disparrima	Forest Red Gum Hickory Wattle	170 220	200	170 297	17.0 11.0	4.0 8.0	2.0 3.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-		-	-	Typical Typical		-	-	-	-	Remove Remove
2425	Eucalyptus tereticornis	Forest Red Gum	105	200	105	10.0	1.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-		Typical		+ -	-	-	-	Remove
2427	Eucalyptus tereticornis	Forest Red Gum	120	t	120	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2428	,,	Forest Red Gum	120		120	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
2429	Eucalyptus tereticornis	Forest Red Gum	175		175	12.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2430	Eucalyptus tereticornis	Forest Red Gum	165		165	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2431	/ '	Forest Red Gum	165	 	165	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2432	Eucalyptus tereticornis	Forest Red Gum	140	-	140	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2433 2434	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	165 120	100	165 156	12.0 9.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2434	Eucalyptus tereticornis	Forest Red Gum	165	100	165	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,,	Moreton Bay Ash	105	†	105	7.0	2.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
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	Su a sim	nan Datail								Car	nopy Con	dision Dos	-:1-				Turnels	Candisian	Details			Fa	Details	nd Habitat	Value			
	Specim	nen Detail	s 							Ca	nopy Con	altion Deta	alis				Trunk	Condition	Details			Fauna	Details ai	na Habitat	value			
Botanical Name	Common Name	frunk DBH (mm)	4dditional Trunks DBH (mm)	Fotal DBH (mm) [AS 4970-200	deight (m)	Spread (m)	free Protection Zone (m)	Canopy Form	Spreading	Seeding	rhinning	Die-Back	Epicormic Growth	pəddo	canopy Health	-eaning	Vines	rrunk Damage	ire Damage	rrunk Health	scats	scratches	4ollows	Vest	Fermites	- Habitat Value	Retention Status	4dditional Notes
2437 Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2438 Corymbia tessellaris	Moreton Bay Ash	130		130	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Final status subject to	
2439 Acacia disparrima	Hickory Wattle	260	220, 200	395	10.0	7.0	4.7	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
2440 Eucalyptus tereticornis	Forest Red Gum Hickory Wattle	130 185	180	130 258	12.0 10.0	4.0 7.0	2.0 3.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
2441 Acacia disparrima 2442 Corymbia tessellaris	Moreton Bay Ash	155	100	155	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Final status subject to Final status subject to	
2443 Eucalyptus tereticornis	Forest Red Gum	220		220	15.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Final status subject to	
2444 Eucalyptus tereticornis	Forest Red Gum	155		155	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Final status subject to	
2445 Eucalyptus tereticornis	Forest Red Gum	200		200	13.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Final status subject to	
2446 Eucalyptus tereticornis 2447 Acacia disparrima	Forest Red Gum Hickory Wattle	150 220		150 220	12.0 9.0	3.0 7.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Retain Retain	
2448 Corymbia citriodora	Spotted Gum	250		250	19.0	5.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	_	-	-	Retain	
2449 Corymbia tessellaris	Moreton Bay Ash	250		250	18.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2450 Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2451 Lophostemon suaveolens	Swamp Box	140	<u> </u>	140	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2452 Corymbia tessellaris 2453 Eucalyptus tereticornis	Moreton Bay Ash Forest Red Gum	270 265		270 265	14.0 19.0	5.0 6.0	3.2 3.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Retain Retain	
2454 Eucalyptus tereticornis	Forest Red Gum	165		165	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2455 Alphitonia excelsa	Soap Tree	180		180	12.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2456 Corymbia tessellaris	Moreton Bay Ash	200		200	15.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2457 Angophora subvelutina	Smooth-barked Apple	135		135	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2458 Corymbia tessellaris 2459 Acacia disparrima	Moreton Bay Ash Hickory Wattle	145 260	200,190	145 379	13.0 8.0	4.0 8.0	2.0 4.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	_	_	Retain Retain	
2460 Lophostemon suaveolens	Swamp Box	130	200,130	130	10.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2461 Acacia disparrima	Hickory Wattle	185		185	10.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2462 Eucalyptus tereticornis	Forest Red Gum	100		100	13.0	1.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2463 Acacia disparrima 2464 Corymbia tessellaris	Hickory Wattle Moreton Bay Ash	185 175		185 175	11.0 14.0	5.0 2.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Retain Retain	
2465 Acacia disparrima	Hickory Wattle	220		220	13.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2466 Acacia disparrima	Hickory Wattle	185		185	9.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2467 Eucalyptus tereticornis	Forest Red Gum	460		460	22.0	9.0	5.5	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical	-	-	-				Retain	
2468 Alphitonia excelsa	Soap Tree	160		160	11.0	5.0 12.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	- CII	-	-	-	Retain	
2469 Eucalyptus tereticornis 2470 Alphitonia excelsa	Forest Red Gum Soap Tree	620 220		620 220	26.0 12.0	5.0	7.4 2.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	Old -	Small -	-	-	-	Retain Retain	
2471 Alphitonia excelsa	Soap Tree	155		155	11.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2472 Angophora subvelutina	Broad-leaved Apple	180		180	13.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2473 Acacia disparrima	Hickory Wattle	165 340	145	220 340	12.0	4.0	2.6 4.1	Regular	-	-	- Thinning	- Dia bask	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain Retain	
2474 Eucalyptus tereticornis 2475 Lophostemon suaveolens	Forest Red Gum Swamp Box	185		185	19.0 9.0	7.0 4.0	2.2	Regular Regular	-	-	Thinning -	Die-back -	-	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Retain	
2476 Allocasuarina luehmannii		180		180	12.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2477 Eucalyptus crebra	Narrow-leaved Ironbark	230		230	17.0	6.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2478 Eucalyptus tereticornis	Forest Red Gum Bull Oak	390		390	18.0	9.0	4.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2479 Allocasuarina luehmannii 2480 Eucalyptus crebra	Narrow-leaved Ironbark	165 230		165 230	9.0 17.0	4.0 6.0	2.0 2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	- Trunk Dmg	-	Typical Typical	-	-	-	-	-	-	Retain Retain	
2481 Allocasuarina luehmannii		155		155	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2482 Eucalyptus crebra	Narrow-leaved Ironbark	190		190	14.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2483 Eucalyptus crebra	Narrow-leaved Ironbark	220		220	17.0	4.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Retain	
2484 Eucalyptus crebra 2485 Eucalyptus tereticornis	Narrow-leaved Ironbark Forest Red Gum	170 155	90	170 179	17.0 13.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Retain Retain	
2486 Alphitonia excelsa	Soap Tree	135	90	162	9.0	4.0	2.0	Regular	-	-	-	-			Typical	-	-			Typical	-	-	-	-			Retain	
	Bull Oak	165		165	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
2488 Allocasuarina luehmannii 2489 Allocasuarina luehmannii		300 155	1	300 155	15.0 11.0	6.0 3.0	3.6 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2490 Allocasuarina luehmannii		180	100	206	9.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	_	-		-	Typical	-	-	-	-	-	-	Remove	
2491 Allocasuarina luehmannii		165	120	204	11.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical	-	-	-	-	-		Remove	
2492 Alphitonia excelsa	Soap Tree	185		185	13.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2493 Eucalyptus crebra 2494 Allocasuarina luehmannii	Narrow-leaved Ironbark Bull Oak	130 210		130 210	15.0	5.0 4.0	2.0 2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
2494 Allocasuarina luehmannii 2495 Allocasuarina luehmannii		210		225	11.0 12.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
2496 Allocasuarina luehmannii		150		150	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	_	Typical	-	-	-	-	-		Remove	
2497 Allocasuarina luehmannii	Bull Oak	155		155	9.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2498 Allocasuarina luehmannii 2499 Allocasuarina luehmannii	Bull Oak Bull Oak	175 150	1	175 150	11.0 9.0	4.0 4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2500 Corymbia citriodora	Spotted Gum	890		890	26.0	14.0	10.7	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2501 Acacia disparrima	Hickory Wattle	165		165	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2502 Allocasuarina luehmannii		175		175	11.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2503 Eucalyptus crebra 2504 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	410 300		410 300	23.0 22.0	9.0 7.0	4.9 3.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2505 Corymbia citriodora	Spotted Gum	170		170	18.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2506 Acacia disparrima	Hickory Wattle	220		220	9.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2507 Eucalyptus crebra	Narrow-leaved Ironbark	290		290	21.0	7.0	3.5	Regular	-	-	Thinning	Die-back	-	-	Poor	Minor	-	-	-	Typical	-	-	1	-	-	-	Remove	
2508 Acacia disparrima 2509 Acacia disparrima	Hickory Wattle Hickory Wattle	175 190		175 190	11.0 9.0	4.0 7.0	2.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2510 Eucalyptus crebra	Narrow-leaved Ironbark	185		185	17.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
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	Specim	on Dotail	•							Canas	ny Condi	ition Deta	ile				Trunk	Condition	Dotails			Eauma	Dotails a	ad Ushitst	Value			
	Specim	nen Detail	S	[6	Ι					Canor	py Conai	tion Deta	IIIS				Trunk	Condition	Details			Fauna	Details ai	nd Habitat	value			
Botanical Name	Common Name	runk DBH (mm)	علاط (mm) الطولانية المالية ا	otal DBH (mm) [AS 4970-200	deight (m)	ipread (m)	ree Protection Zone (m)	anopy Form	preading	,	Thinning	Jie-Back	picormic Growth	opped	anopy Health	eaning	/ines	rrunk Damage	ire Damage	runk Health	icats	icratches	4ollows	Vest	rermites	labitat Value	Retention Status	dditional Notes
2511 Eucalyptus crebra	Narrow-leaved Ironbark	240		240	21.0	7.0	2.9	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	`
2512 Angophora leiocarpa	Smooth-barked Apple	185		185	17.0	5.0	2.2	Regular			-	-			Typical	-	-	-		Typical	-	-	-			-	Remove	
2513 Eucalyptus crebra	Narrow-leaved Ironbark	360		360	21.0	6.0	4.3	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
2514 Eucalyptus crebra 2515 Acacia disparrima	Narrow-leaved Ironbark Hickory Wattle	190 220		190 220	17.0 9.0	7.0 4.0	2.3	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
2516 Acacia disparrima	Hickory Wattle	155		155	10.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2517 Acacia disparrima	Hickory Wattle	185		185	10.0	4.0	2.2	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-		-	-	-	Remove	
2518 Acacia disparrima 2519 Corymbia citriodora	Hickory Wattle	150 175	150	212 175	11.0	6.0 4.0	2.6 2.1	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2519 Corymbia citriodora 2520 Acacia disparrima	Spotted Gum Hickory Wattle	150		150	14.0 10.0	4.0	2.0	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2521 Alphitonia excelsa	Soap Tree	150		150	9.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2522 Acacia disparrima	Hickory Wattle	150		150	9.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2523 Allocasuarina luehmannii 2524 Allocasuarina luehmannii	Bull Oak Bull Oak	170 165	140	220	11.0	4.0	2.6	Regular Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
2524 Allocasuarina luehmannii 2525 Allocasuarina luehmannii	Bull Oak	150		165 150	9.0	4.0 3.0	2.0	Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
2526 Allocasuarina luehmannii	Bull Oak	150		150	10.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2527 Allocasuarina luehmannii	Bull Oak	180		180	10.0	4.0	2.2	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2528 Eucalyptus crebra 2529 Allocasuarina luehmannii	Narrow-leaved Ironbark Bull Oak	290 180		290 180	22.0 11.0	6.0 4.0	3.5 2.2	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2530 Allocasuarina luehmannii	Bull Oak	155	100	184	10.0	4.0	2.2	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2531 Alphitonia excelsa	Soap Tree	210		210	10.0	4.0	2.5	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
2532 Allocasuarina luehmannii	Bull Oak	155		155	10.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2533 Allocasuarina luehmannii 2534 Allocasuarina luehmannii	Bull Oak Bull Oak	155 200	120	155 233	9.0 12.0	3.0 4.0	2.0	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
2535 Acacia disparrima	Hickory Wattle	200	120	200	9.0	5.0	2.4	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2536 Allocasuarina luehmannii	Bull Oak	160		160	9.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2537 Acacia disparrima	Hickory Wattle	230	120	259	10.0	6.0	3.1	Regular			-	-		-	Typical	-	-	-		Typical	-	-	-	-,		-	Remove	
2538 Allocasuarina luehmannii 2539 Corymbia intermedia	Bull Oak Pink Bloodwood	190 185		190 185	12.0 15.0	4.0 4.0	2.3	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2540 Allocasuarina luehmannii	Bull Oak	145	120	188	11.0	4.0	2.3	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2541 Allocasuarina luehmannii	Bull Oak	190		190	11.0	5.0	2.3	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2542 Acacia disparrima 2543 Allocasuarina luehmannii	Hickory Wattle Bull Oak	200 185		200 185	11.0 12.0	6.0 3.0	2.4	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2544 Eucalyptus crebra	Narrow-leaved Ironbark	220		220	21.0	4.0	2.6	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2545 Eucalyptus crebra	Narrow-leaved Ironbark	170		170	18.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
2546 Corymbia intermedia 2547 Allocasuarina luehmannii	Pink Bloodwood	120 290	90	150	12.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2547 Allocasuarina luehmannii 2548 Allocasuarina luehmannii	Bull Oak Bull Oak	195		290 195	13.0 10.0	5.0 4.0	3.5 2.3	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2549 Allocasuarina luehmannii	Bull Oak	150		150	10.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2550 Allocasuarina luehmannii		190		190	12.0	4.0	2.3	Regular				-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2551 Eucalyptus crebra 2552 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	300 220		300 220	17.0 16.0	5.0 4.0	3.6 2.6	Regular Regular			,	Die-back Die-back	-	-	Poor Poor	Minor Minor	-	- Trunk Dmo	- 1 -	Typical Poor	-	-	-	-	-	-	Remove Remove	
	Bull Oak	155		155	9.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2554 Allocasuarina luehmannii	Bull Oak	150		150	9.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2555 Eucalyptus tereticornis	Forest Red Gum	155		155	15.0	4.0	2.0	Regular			- inning I	- Die back	- Enicormic	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2556 Eucalyptus crebra 2557 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	150 180		150 180	17.0 18.0	4.0 5.0	2.0	Regular Regular			inning I	Die-back -	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2558 Eucalyptus crebra	Narrow-leaved Ironbark	220		220	22.0	7.0	2.6	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	ı	-	-	-	Remove	
	Bull Oak	155	<u> </u>	155	9.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	i	-	-	-	Remove	
2560 Allocasuarina luehmannii 2561 Allocasuarina luehmannii	Bull Oak Bull Oak	175 180		175 180	9.0 12.0	3.0	2.1	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2562 Allocasuarina luehmannii		175		175	11.0	3.0	2.1	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2563 Corymbia citriodora	Spotted Gum	230		230	22.0	6.0	2.8	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2564 Allocasuarina luehmannii 2565 Allocasuarina luehmannii		150 175	100	150 202	9.0 12.0	2.0 4.0	2.0	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2566 Allocasuarina luehmannii	Bull Oak	170	100	170	9.0	3.0	2.4	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2567 Allocasuarina luehmannii	Bull Oak	200		200	12.0	4.0	2.4	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2568 Allocasuarina luehmannii	Bull Oak	155		155	11.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2569 Allocasuarina luehmannii 2570 Corymbia intermedia	Bull Oak Pink Bloodwood	180 180		180 180	14.0 17.0	5.0 5.0	2.2	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2571 Corymbia intermedia	Pink Bloodwood	140		140	14.0	2.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
	Quinine Bush	105	100, 90, 90		5.0	4.0	2.3	Regular					-		Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2573 Eucalyptus crebra 2574 Eucalyptus tereticornis	Narrow-leaved Ironbark Forest Red Gum	220 195		220 195	18.0 21.0	5.0 5.0	2.6	Regular Regular				Die-back Die-back	-	-	Poor Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
	Bull Oak	150		150	11.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2576 Allocasuarina luehmannii		150		150	11.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2577 Allocasuarina luehmannii 2578 Allocasuarina luehmannii	Bull Oak Bull Oak	220 250		220 250	12.0 12.0	5.0 5.0	2.6 3.0	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
	Bull Oak	150		150	10.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2580 Eucalyptus tereticornis	Forest Red Gum	140		140	14.0	5.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2581 Eucalyptus siderophloia	Grey Ironbark	180		180	16.0	5.0	2.2	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2582 Eucalyptus siderophloia 2583 Allocasuarina luehmannii	Grey Ironbark Bull Oak	220 155		220 155	18.0 9.0	6.0 4.0	2.6	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2584 Eucalyptus crebra	Narrow-leaved Ironbark	180	120	216	17.0	5.0	2.6	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
/															71					/ I	·		·					

	Specim	nen Details	e							Car	nony Con	dition Deta	sile				Trunk	Condition	Dotails			Eauna	Dotails a	nd Habitat	Value			
	Specim	ien Detail:	s 	[60						Cal	пору Соп	lition Deta	alis				Trunk	Condition	Details			rauna	Details a	na nabitat	value			
Botanical Name	Common Name	frunk DBH (mm)	علاط Trunks DBH (mm)	Fotal DBH (mm) [AS 4970-200	-leight (m)	Spread (m)	rree Protection Zone (m)	Canopy Form	preading	Seeding	Thinning	Die-Back	picormic Growth	-opped	canopy Health	-eaning	Vines	rrunk Damage	ire Damage	rrunk Health	Scats	scratches	4ollows	Vest	Termites	Habitat Value	Retention Status	4dditional Notes
2585 Corymbia citriodora	Spotted Gum	250	130	282	22.0	7.0	3.4	Regular	-	-	-	-	-	1	Typical	-		-	-	Typical	-	-		-	-	-	Remove	`
2586 Eucalyptus crebra	Narrow-leaved Ironbark	200		200	16.0	6.0	2.4	One-sided	-	-	Thinning	Die-back	-	-	Typical	Minor	-	Trunk Dmg	-	Typical	-		-			-	Remove	
2587 Corymbia citriodora 2588 Corymbia citriodora	Spotted Gum	200		200	17.0	7.0	2.4	Regular	-	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	
2588 Corymbia citriodora 2589 Corymbia citriodora	Spotted Gum Spotted Gum	210 120		210 120	22.0 15.0	5.0 3.0	2.5	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2590 Allocasuarina luehmannii	Bull Oak	160		160	9.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2591 Corymbia citriodora	Spotted Gum	185		185	17.0	6.0	2.2	One-sided	-	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
2592 Eucalyptus tereticornis 2593 Corymbia citriodora	Forest Red Gum Spotted Gum	210 280		210 280	21.0 21.0	5.0 8.0	2.5 3.4	Regular Regular		-	Thinning -	Die-back -	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2594 Allocasuarina luehmannii	Bull Oak	165	140	216	12.0	4.0	2.6	Regular		-		-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2595 Eucalyptus crebra	Narrow-leaved Ironbark	220		220	21.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2596 Eucalyptus crebra	Narrow-leaved Ironbark	250		250	20.0	5.0	3.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2597 Allocasuarina luehmannii 2598 Allocasuarina luehmannii	Bull Oak Bull Oak	200 185		200 185	13.0 13.0	5.0 4.0	2.4	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2599 Angophora leiocarpa	Smooth-barked Apple	145		145	13.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2600 Allocasuarina luehmannii	Bull Oak	150		150	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2601 Corymbia citriodora 2602 Allocasuarina luehmannii	Spotted Gum Bull Oak	100 195		100 195	8.0	2.0 5.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2602 Allocasuarina luehmannii 2603 Eucalyptus crebra	Narrow-leaved Ironbark	290		290	12.0 22.0	8.0	2.3 3.5	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2604 Allocasuarina luehmannii	Bull Oak	165	140	216	10.0	4.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-		Typical	-	-	-	-	-		Remove	
2605 Eucalyptus crebra	Narrow-leaved Ironbark	220		220	18.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2606 Eucalyptus tereticornis	Forest Red Gum	185		185	15.0	4.0	2.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2607 Allocasuarina luehmannii 2608 Allocasuarina luehmannii	Bull Oak Bull Oak	160 185		160 185	11.0 13.0	4.0 4.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
2609 Eucalyptus tereticornis	Forest Red Gum	260		260	22.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	ı	-	-	-	Remove	
2610 Allocasuarina luehmannii	Bull Oak	185	170	251	13.0	5.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2611 Allocasuarina luehmannii 2612 Allocasuarina luehmannii	Bull Oak Bull Oak	175 180		175 180	15.0 12.0	3.0 4.0	2.1	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
2613 Eucalyptus crebra	Narrow-leaved Ironbark	230		230	18.0	5.0	2.8	Regular	-	-	Thinning			-	Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
2614 Angophora leiocarpa	Smooth-barked Apple	140		140	9.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	
2615 Allocasuarina luehmannii	Bull Oak	300		300	15.0	6.0	3.6	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2616 Allocasuarina luehmannii 2617 Allocasuarina luehmannii	Bull Oak Bull Oak	220 220		220 220	14.0 14.0	4.0 7.0	2.6	Regular One-sided		-	-	-	-	-	Typical Typical	- Minor	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2618 Allocasuarina luehmannii	Bull Oak	200		200	14.0	6.0	2.4	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
	Bull Oak	195		195	13.0	3.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2620 Allocasuarina luehmannii 2621 Allocasuarina luehmannii	Bull Oak Bull Oak	200 165		200 165	14.0 9.0	4.0 4.0	2.4	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-		-	-	Remove Remove	
2622 Allocasuarina luehmannii	Bull Oak	185		185	12.0	4.0	2.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2623 Angophora leiocarpa	Smooth-barked Apple	185		185	13.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2624 Eucalyptus crebra 2625 Allocasuarina luehmannii	Narrow-leaved Ironbark	230 155	95	230 182	18.0 12.0	5.0 4.0	2.8	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
	Bull Oak	200	93	200	13.0	5.0	2.4	Regular		-		-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2627 Allocasuarina luehmannii	Bull Oak	270		270	15.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2628 Eucalyptus tereticornis	Forest Red Gum	210		210	17.0	7.0	2.5	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2629 Allocasuarina luehmannii 2630 Allocasuarina luehmannii	Bull Oak Bull Oak	190 220		190 220	13.0 14.0	5.0 6.0	2.3	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2631 Corymbia tessellaris	Moreton Bay Ash	130		130	12.0	3.0	2.0	Regular			Thinning		-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2632 Allocasuarina luehmannii	Bull Oak	195		195	13.0	4.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2633 Allocasuarina luehmannii 2634 Allocasuarina luehmannii	Bull Oak Bull Oak	200 190		200 190	14.0 13.0	4.0 4.0	2.4	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
		220	100	242	14.0	5.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2636 Eucalyptus crebra	Narrow-leaved Ironbark	260		260	22.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2637 Eucalyptus crebra	Narrow-leaved Ironbark	255		255	22.0	6.0	3.1	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2638 Allocasuarina luehmannii 2639 Allocasuarina luehmannii		160 230		160 230	13.0 15.0	4.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
	Bull Oak	160		160	12.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-		Typical	-	-	-	-	-	-	Remove	
2641 Eucalyptus crebra	Narrow-leaved Ironbark	270		270	22.0	7.0	3.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2642 Allocasuarina luehmannii 2643 Allocasuarina luehmannii	Bull Oak Bull Oak	230		230 200	15.0 13.0	5.0 4.0	2.8	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2644 Allocasuarina luehmannii		200		200	15.0	5.0	2.4	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2645 Allocasuarina luehmannii	Bull Oak	210		210	16.0	5.0	2.5	Regular		-			-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2646 Eucalyptus tereticornis 2647 Allocasuarina luehmannii	Forest Red Gum Bull Oak	220 185		220 185	18.0	4.0	2.6	Regular		-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
	Bull Oak	175		175	15.0 13.0	4.0 4.0	2.2	Regular Regular		-	- Thinning	- Die-back	-	-	Typical Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2649 Allocasuarina luehmannii	Bull Oak	180		180	12.0	4.0	2.2	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2650 Eucalyptus crebra	Narrow-leaved Ironbark	270		270	19.0	6.0	3.2	One-sided		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2651 Allocasuarina luehmannii 2652 Allocasuarina luehmannii	Bull Oak Bull Oak	155 260		155 260	13.0 18.0	3.0 6.0	2.0 3.1	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2653 Allocasuarina luehmannii		220		220	17.0	4.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-	_	Typical	-	-	-	-	-		Remove	
	Bull Oak	155		155	12.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2655 Acacia disparrima 2656 Allocasuarina luehmannii	Hickory Wattle Bull Oak	190 220		190 220	10.0 13.0	6.0 5.0	2.3	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2657 Allocasuarina luehmannii		200		200	11.0	4.0	2.4	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2658 Eucalyptus crebra	Narrow-leaved Ironbark	230		230	18.0	5.0	2.8	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	

	Su a simo	an Datail								Car	· · · · · · · · · · · · · · · · · · ·	litian Date	-:1-				Turnele	Canditian	Dataila			Fa	Details	ad Uabitat	Value			
	Specim	nen Detail	s 							Car	opy Cond	lition Deta	aiis				Trunk	Condition	Details			Fauna	Details ai	nd Habitat	value			
Botanical Name	Common Name	'runk DBH (mm)	kdditional Trunks DBH (mm)	otal DBH (mm) [AS 4970-200	leight (m)	ipread (m)	ree Protection Zone (m)	anopy Form	preading	eeding	hinning	Jie-Back	picormic Growth	opped	anopy Health:	eaning	fines	runk Damage	ire Damage	runk Health	icats	cratches	tollows	lest	ermites	labitat Value	Retention Status	kdditional Notes
2659 Allocasuarina luehmannii	Bull Oak	155		155	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	4
2660 Allocasuarina luehmannii	Bull Oak	185		185	16.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2661 Allocasuarina luehmannii	Bull Oak	230		230	15.0	5.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2662 Allocasuarina luehmannii 2663 Eucalyptus crebra	Bull Oak Narrow-leaved Ironbark	150 145		150 145	13.0 16.0	3.0 3.0	2.0	Regular Regular		-	- Thinning	- Die-back	-	-	Typical Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2664 Allocasuarina luehmannii	Bull Oak	165		165	13.0	3.0	2.0	Regular	-		Thinning	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2665 Allocasuarina luehmannii	Bull Oak	180		180	14.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2666 Allocasuarina luehmannii	Bull Oak	170		170	13.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2667 Allocasuarina luehmannii 2668 Allocasuarina luehmannii	Bull Oak	150 185		150 185	12.0 12.0	3.0 4.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2669 Allocasuarina luehmannii	Bull Oak	220		220	12.0	4.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2670 Allocasuarina luehmannii	Bull Oak	330	180	376	17.0	8.0	4.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2671 Allocasuarina luehmannii	Bull Oak	155		155	13.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2672 Allocasuarina luehmannii 2673 Corymbia citriodora	Bull Oak Spotted Gum	155 210		155 210	11.0 17.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
· ·	Bull Oak	210		210	13.0	4.0	2.5	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2675 Allocasuarina luehmannii	Bull Oak	220		220	14.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
2676 Allocasuarina luehmannii	Bull Oak	210		210	15.0	5.0	2.5	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2677 Eucalyptus crebra 2678 Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	100 125		100 125	12.0 15.0	1.0 4.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2679 Corymbia citriodora	Spotted Gum	200		200	16.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2680 Corymbia citriodora	Spotted Gum	180		180	14.0	3.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-		-	-	-	Remove	
2681 Allocasuarina luehmannii	Bull Oak	195		195	12.0	4.0	2.3	Regular		-	-	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-	-	Remove	
2682 Allocasuarina luehmannii 2683 Corymbia citriodora	Bull Oak Spotted Gum	230 120	130	230 177	13.0 16.0	4.0 5.0	2.8	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2684 Allocasuarina luehmannii	Bull Oak	155	150	155	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2685 Corymbia citriodora	Spotted Gum	220		220	17.0	8.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2686 Eucalyptus crebra	Narrow-leaved Ironbark	220	100	220	18.0	6.0	2.6	Regular		-	-	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-	-	Remove	
2687 Allocasuarina luehmannii 2688 Corvmbia citriodora	Bull Oak Spotted Gum	165 150	100	193 150	11.0 15.0	5.0 4.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2689 Eucalyptus crebra	Narrow-leaved Ironbark	290		290	21.0	7.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2690 Allocasuarina luehmannii	Bull Oak	220		220	15.0	4.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2691 Corymbia tessellaris	Moreton Bay Ash	155 140	145	212 140	17.0 15.0	8.0 5.0	2.6	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2692 Corymbia citriodora 2693 Corymbia citriodora	Spotted Gum Spotted Gum	210		210	18.0	6.0	2.5	Regular Regular		-	-	-	-	-	Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2694 Allocasuarina luehmannii	Bull Oak	165	90, 70	201	11.0	4.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2695 Allocasuarina luehmannii	Bull Oak	155		155	11.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2696 Eucalyptus crebra 2697 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	220 270		220 270	22.0 19.0	6.0 7.0	2.6 3.2	Regular Regular		-	-		-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2698 Corymbia citriodora	Spotted Gum	165		165	18.0	6.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2699 Corymbia citriodora	Spotted Gum	135		135	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2700 Corymbia intermedia	Pink Bloodwood	130	100	130	13.0	5.0	2.0	Regular		-	-	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-	-	Remove	
2701 Acacia disparrima 2702 Corymbia citriodora	Hickory Wattle Spotted Gum	170 210	100	197 210	8.0 22.0	5.0 6.0	2.4	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2703 Corymbia citriodora	Spotted Gum	250		250	19.0	8.0	3.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2704 Acacia disparrima	Hickory Wattle	190	150	242	11.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical	-		-	-	-	-	Remove	
2705 Eucalyptus crebra 2706 Allocasuarina luehmannii	Narrow-leaved Ironbark Bull Oak	120 165	100 100	156 193	13.0 11.0	3.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2706 Allocasuarina luenmannii 2707 Corymbia citriodora	Spotted Gum	290	100	290	23.0	9.0	3.5	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2708 Eucalyptus tereticornis	Forest Red Gum	240		240	18.0	6.0	2.9	Regular			Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2709 Allocasuarina luehmannii	Bull Oak	175		175	13.0	4.0	2.1	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	
	Bull Oak Bull Oak	165 160		165 160	12.0 11.0	4.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Retain Retain	
2712 Eucalyptus tereticornis	Forest Red Gum	120		120	13.0	3.0	2.0	Regular		-	-	-	-	-	Typical		-	-	-	Typical	-	-	-	-	-	-	Final status subject to	
2713 Corymbia citriodora	Spotted Gum	220		220	17.0	7.0	2.6	Regular		-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	
2714 Eucalyptus tereticornis 2715 Corymbia citriodora	Forest Red Gum Spotted Gum	140 220	190	140 291	13.0 15.0	3.0 7.0	2.0 3.5	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove Remove	
2716 Corymbia citriodora	Spotted Gum	195	130	195	18.0	3.0	2.3	Regular			- Thinning	- Die-back	-	-	Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove	
2717 Corymbia citriodora	Spotted Gum	135		135	4.0	9.0	2.0	Regular		-	-	-	-	-	Typical	Major	-	-	-	Typical	-	-	-	-	-	-	Remove	
2718 Eucalyptus crebra	Narrow leaved Ironbark	180		180	16.0	4.0	2.2	Regular			Thinning	Die-back	-	-	Poor	-		Frunk Dmg	1	Typical	-	-	-	-	-	-	Remove	
2719 Eucalyptus crebra 2720 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	220 165	140, 100	220 238	19.0 18.0	7.0 6.0	2.6	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2721 Eucalyptus crebra	Narrow-leaved Ironbark	200	0, 100	200	18.0	6.0	2.4	Regular			Thinning	Die-back	-		Poor	-	-			Typical	-	-	-	-	-	_	Remove	
2722 Eucalyptus melanophloia		165		165	9.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	i	-	-	-	Remove	
2723 Eucalyptus crebra	Narrow-leaved Ironbark	190		190	18.0	5.0 5.0	2.3	Regular		-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2724 Eucalyptus crebra 2725 Eucalyptus melanophloia	Narrow-leaved Ironbark Silver-leaved Ironbark	165 210		165 210	17.0 13.0	6.0	2.5	Regular One-sided		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2726 Corymbia citriodora	Spotted Gum	100		100	11.0	1.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
2727 Corymbia citriodora	Spotted Gum	275		275	18.0	6.0	3.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2728 Eucalyptus crebra 2729 Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	190 150		190 150	18.0 19.0	6.0 3.0	2.3	One-sided Regular		-	- Thinning	Die-back Die-back	- Epicormic	-	Typical Poor	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2730 Eucalyptus crebra	Narrow-leaved Ironbark	150		150	17.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-		Typical	-	-	-	-	-	-	Remove	
2731 Corymbia citriodora	Spotted Gum	200		200	18.0	7.0	2.4	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
2732 Eucalyptus melanophloia	Silver-leaved Ironbark	180		180	11.0	6.0	2.2	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	

		Specim	en Details	ς							C	anopy Con	dition Deta	nils				Trunk	Condition I	Details		Faun	a Details a	nd Habitat Val	ue		
		Specim	en Detail:	6								Litopy Con	artion Deta					Trank	Condition	Jetali3		raun	Decans a	Habitat val	we		
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm) Total DBH (mm) AS 4970-200		Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2733	Corymbia citriodora	Spotted Gum	260	210 33	4 1	16.0	7.0	4.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2734		Spotted Gum	125	12:		15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2735	· /	Spotted Gum	165	16:		18.0	5.0	2.0	Regular	-	-	-	- D: 1 1	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2736 2737	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	185 290	90 20		19.0 18.0	4.0 7.0	2.5 3.5	Regular Regular	-	-	Thinning	Die-back	-	-	Poor Typical		-	-		Typical Typical		-	-	-	-	Remove Remove
2738	Corymbia citriodora	Spotted Gum	165	16		17.0	6.0	2.0	Regular	_	_	-	_	_		Typical	-	-	_		Typical		-	-			Remove
2739		Spotted Gum	145	14:		17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2740		Spotted Gum	180	18	0 1	18.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2741	Corymbia citriodora	Spotted Gum	165	16:	5 1	17.0	3.0	2.0	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
2742	- ''	Narrow-leaved Ironbark	285	28		19.0	7.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2743	Corymbia citriodora	Spotted Gum	150	150		15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2744 2745		Spotted Gum Spotted Gum	190 145	19 14:		18.0 13.0	5.0 4.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2745	· ·	Spotted Gum	320	320		23.0	8.0	3.8	Regular	_	-	-	_	-	-	Typical	_	-	_	-	Typical		-	-	_	_	Remove
2747	,	Forest Red Gum	400	280 48		24.0	9.0	5.9	Regular	-	-	Thinning		Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
2748	/'	Spotted Gum	165	16:		18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2749	Corymbia citriodora	Spotted Gum	190	19		17.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2750	Corymbia citriodora	Spotted Gum	125	12:	5 1	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2751	//	Narrow-leaved Ironbark	235	23:		18.0	7.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2752	//	Narrow-leaved Ironbark	250	250		18.0	6.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2753 2754	- ''	Narrow-leaved Ironbark Narrow-leaved Ironbark	220	220		20.0	5.0 8.0	2.6	Regular Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2755	- ''	Narrow-leaved Ironbark	160	16		17.0	4.0	2.0	Regular	_	-	-	_	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2756	,,	Spotted Gum	145	14:		16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2757		Narrow-leaved Ironbark	530	530		27.0	12.0	6.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2758	Eucalyptus crebra	Narrow-leaved Ironbark	130	130	0 1	12.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2759	Eucalyptus crebra	Narrow-leaved Ironbark	490	49		27.0	12.0	5.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2760	- ''	Narrow-leaved Ironbark	160	160		14.0	3.0	2.0	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
2761	- ''	Narrow-leaved Ironbark	290	29		26.0	9.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2762 2763	Eucalyptus crebra Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	220 300	30		17.0 22.0	7.0 8.0	2.6 3.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2764	- '	Narrow-leaved Ironbark	130	130		13.0	4.0	2.0	One-sided	_	-	-	_	-	-	Typical	_	-	_	-	Typical		-	-	_	_	Remove
2765	- '	Narrow-leaved Ironbark	270	270	_	17.0	6.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2766		Bull Oak	175	17:	5 8	8.0	3.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2767	Eucalyptus crebra	Narrow-leaved Ironbark	180	18	0 1	12.0	3.0	2.2	Regular	-	-	Thinning	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
2768		Moreton Bay Ash	120	120		9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2769	,,	Narrow-leaved Ironbark Narrow-leaved Ironbark	340	220, 185 44		23.0	9.0	5.3	One-sided	-	-	- Thinning	- Dia baak	- Faisavais	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2770 2771	//	Moreton Bay Ash	105 125	10:		10.0	1.0 4.0	2.0	Regular Regular	-	-	Thinning	Die-back	Epicormic -	_	Poor Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
		Narrow-leaved Ironbark	280	28		22.0	8.0	3.4	Regular	_	-	Thinning	Die-back		_	Poor	_		-		Typical		-	-	-	_	Remove
	,,	Spotted Gum	105	10:		14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	Remove
2774		Narrow-leaved Ironbark	340	34	0 2	22.0	8.0	4.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2775	Eucalyptus crebra	Narrow-leaved Ironbark	330	330	0 2	24.0	9.0	4.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2776	,,	Narrow-leaved Ironbark	390	39		18.0	11.0	4.7	Regular	-	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
2777		Narrow-leaved Ironbark	330	160, 120 386		23.0	9.0	4.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		- Small		- rmitos	-	Remove
2778 2779	DEAD/STAG Eucalyptus crebra	Narrow-leaved Ironbark	440 160	16		26.0 19.0	6.0 3.0	5.3 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		Small	- Te	rmites	-	Remove Remove
2779	,,	Narrow-leaved Ironbark	290	190 34		23.0	8.0	4.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	Remove
2781		Bull Oak	155	15:		12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2782	,,	Narrow-leaved Ironbark	165	16:		13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2783	/'	Narrow-leaved Ironbark	300	30		23.0	9.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2784		Narrow-leaved Ironbark	300	30		18.0	7.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-		-	-	Remove
2785 2786		Narrow-leaved Ironbark Spotted Gum	220 250	220		21.0 19.0	5.0 7.0	2.6 3.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2787		Spotted Gum	260	250		18.0	6.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2788		Spotted Gum	100	100		13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2789		Forest Red Gum	150	100 18		13.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-		Frunk Dmg	-	Poor		-	-	-	-	Remove
2790	Eucalyptus crebra	Narrow-leaved Ironbark	130	120 17	7 1	12.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2791		Spotted Gum	290	29		23.0	9.0	3.5	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2792		Spotted Gum	375	37:		21.0	9.0	4.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2793		Spotted Gum	260	26		21.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	 	-	-	Remove
2794 2795	,	Forest Red Gum Forest Red Gum	155 460	15:		13.0 6.0	5.0 3.0	2.0 5.5	One-sided Regular	-	-	-	-	-	- Lopped	Typical Typical	-		-	-	Typical Typical		-	-	-	-	Remove Remove
2795		Forest Red Gum	200	200		16.0	4.0	2.4	Regular	-	-	-	-	-	- Lopped	Typical	-	-	-		Typical	- Old	+ -	-	-	-	Remove Remove
2797		Forest Red Gum	180	180		14.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2798	,,	Forest Red Gum	180	18		14.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical	- Old	-	-	-	-	Remove
2799	,,	Forest Red Gum	130	130		13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2800		Hickory Wattle	160	140 140 130 28		9.0	8.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2801	Eucalyptus melanophloia		15	150		10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2802	Eucalyptus tereticornis	Forest Red Gum	170	170		12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2803 2804		Forest Red Gum Forest Red Gum	160 130	160		14.0 11.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2804	Eucalyptus tereticornis	Forest Red Gum	160	130 100 229		12.0	5.0	2.8	Regular	-	-	-	-	-	+ - +	Typical		-	-	-	Typical		-	-	_	-	Remove
	,,	Forest Red Gum	130	130 100 22		12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	_	Typical		-		-	-	Remove
	, F teretreornis		.55	1 13	<u> </u>		3.0			i .		1	ı			., p.cui					. , , , , , , , , ,	·	1				

		Specim	en Details	<							C	anopy Con	dition Deta	nils				Trunk	Condition	Details		Faur	a Details a	nd Habitat '	Value		
		Specific	Jetuili		[60						,							Trank				. au	- ctuiis a	Liubitat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2807	Eucalyptus tereticornis	Forest Red Gum	110		110	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2808	Acacia disparrima	Hickory Wattle	150		150	10.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2809	Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2810	Eucalyptus tereticornis	Forest Red Gum	120		120	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2811 2812	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	130 130		130 130	11.0 11.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2813	Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular	-		-	-	-	_	Typical	_		_		Typical		+ -	-		-	Remove
2814	Eucalyptus tereticornis	Forest Red Gum	150		150	9.0	3.0	2.0	Regular	-	-	-	Die-back	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2815	Eucalyptus tereticornis	Forest Red Gum	170		170	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2816	Eucalyptus tereticornis	Forest Red Gum	110		110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2817	Eucalyptus tereticornis	Forest Red Gum	110		110	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2818 2819	Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	120 130		120 130	14.0 14.0	4.0 2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
2820	Eucalyptus tereticornis Eucalyptus tereticornis	Forest Red Gum	100		100	10.0	2.0	2.0	Regular Regular	-	-	-	-	-		Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove
2821	Acacia disparrima	Hickory Wattle	160	140	213	9.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2822	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
2823	Eucalyptus tereticornis	Forest Red Gum	170		170	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2824	Eucalyptus tereticornis	Forest Red Gum	160		160	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2825	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	2.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2826	Eucalyptus tereticornis	Forest Red Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2827 2828	Eucalyptus tereticornis Acacia disparrima	Forest Red Gum Hickory Wattle	160 150		160 150	13.0 10.0	4.0 7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2829	Eucalyptus tereticornis	Forest Red Gum	150		150	15.0	5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical		-	-	-	Typical Typical		-	-	-	-	Remove Remove
2830	Eucalyptus tereticornis	Forest Red Gum	110		110	10.0	2.0	2.0	Regular	-	-	Thinning	Die-back	-	Lopped	Poor	-	-	-	-	Typical		-	Small	-	-	Remove
2831	Corymbia citriodora	Spotted Gum	160		160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2832	Eucalyptus tereticornis	Forest Red Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2833	Eucalyptus tereticornis	Forest Red Gum	100		100	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2834	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2835	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2836 2837	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	160 100	-	160 100	15.0 14.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2838	Eucalyptus tereticornis	Forest Red Gum	150		150	17.0	3.0	2.0	Regular	-	-	-	_	-	_	Typical	-	-	_		Typical		<u> </u>	-	-	-	Remove
2839	Acacia disparrima	Hickory Wattle	160	140 90	231	10.0	7.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2840	Eucalyptus crebra	Narrow-leaved Ironbark	110		110	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2841	Eucalyptus tereticornis	Forest Red Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2842	Corymbia citriodora	Spotted Gum	210		210	18.0	5.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2843	Corymbia citriodora	Spotted Gum	220	120	251	18.0	8.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2844 2845	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 120		140 120	14.0 12.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	,	Spotted Gum	210		210	18.0	5.0	2.5	Regular	-		-	-	-	_	Typical	_		_		Typical		+ -	-		-	Remove
2847	Corymbia citriodora	Spotted Gum	110		110	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2848	Corymbia citriodora	Spotted Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2849	Corymbia citriodora	Spotted Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2850	•	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2851		Hickory Wattle	110	110	156	8.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2852 2853	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	120 110	100 100	185 110	9.0 15.0	6.0 2.0	2.2	Regular Regular	-	-	-	-	-	-	Typical Typical		-	-	-	Typical Typical		-	-	-	-	Remove Remove
2854	Corymbia citriodora	Spotted Gum	140		140	16.0	4.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2855	Corymbia citriodora	Spotted Gum	190		190	18.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2856	•	Spotted Gum	140		140	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2857	Eucalyptus tereticornis	Forest Red Gum	110		110	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2858		Spotted Gum	140		140	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2859 2860	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	100 120	100 60 70	100 181	13.0 9.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2861	Eucalyptus tereticornis	Forest Red Gum	150	100 00 70	150	15.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2862	,,	Hickory Wattle	120	110	163	10.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2863		Spotted Gum	170		170	16.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2864	Corymbia citriodora	Spotted Gum	150		150	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2865	,	Forest Red Gum	130	110	170	12.0	2.0	2.0	Regular	-	-	-	Die-back	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
2866	,	Spotted Gum	150	0.0.0	150	17.0	7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2867	Acacia disparrima	Hickory Wattle	130	80 90	177	8.0	6.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2868 2869	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	100 120		100 120	11.0 13.0	2.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2869	Corymbia citriodora	Spotted Gum	190		190	19.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
2871	Corymbia citriodora	Spotted Gum	120	†	120	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2872		Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		-	-	-	-	Remove
2873	Corymbia citriodora	Spotted Gum	160		160	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2874	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2875		Spotted Gum	110		110	14.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2876	Corymbia citriodora	Spotted Gum	110		110	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2877 2878	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100 140	 	100 140	14.0 15.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2879	Corymbia citriodora	Spotted Gum	130		130	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	100		100	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2000	,						5.5								i .	. , p. cui					. , , , , , , , , ,	l	1			i	

		Specim	en Details	<							Cz	nopy Cond	lition Deta	ils				Trunk	Condition	Details		Faur	a Details a	nd Habitat	Value		
		Specim	en Detail:		[60						- Ca	opy cont	and Dela					Trank	Condition	etans .		raur	Details a	Habitat	- uide		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2881	Acacia disparrima	Hickory Wattle	140	130	191	8.0	7.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2882		Spotted Gum	140		140	16.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2883	· /	Spotted Gum	110		110	13.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2884 2885	· · · · · ·	Spotted Gum Spotted Gum	160 180		160 180	15.0 18.0	4.0 2.0	2.0	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove
2886	Corymbia citriodora Corymbia citriodora	Spotted Gum	130		130	15.0	2.0	2.2	Regular Regular	-		-	-		-	Typical	-	-	-	-	Typical Typical		+ -	-	-	-	Remove Remove
2887		Bull Oak	170		170	12.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2888	Corymbia citriodora	Spotted Gum	100		100	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2889		Spotted Gum	130		130	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2890	· /	Spotted Gum	190		190	17.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2891 2892	Corymbia citriodora Acacia disparrima	Spotted Gum Hickory Wattle	130 150	150	130 212	14.0 10.0	2.0 6.0	2.0	Regular Regular	-	-	-	-		-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2893	'	Spotted Gum	115	130	115	14.0	4.0	2.0	Regular	-		-	-		-	Typical	-	-	-		Typical		+ -	-	-	-	Remove
2894	· ·	Forest Red Gum	120		120	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2895	- ''	Hickory Wattle	120	70 90 90	188	10.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2896	· .	Spotted Gum	140		140	16.0	3.0	2.0	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2897	Eucalyptus tereticornis	Forest Red Gum	130	130	184	11.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2898 2899	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110 240	 	110 240	14.0 23.0	3.0 7.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	<u> </u>	Remove Remove
2900		Spotted Gum	135		135	14.0	4.0	2.9	Regular	-		-	-		-	Typical	-	-	-	-	Typical		+	-	-	-	Remove
2901		Spotted Gum	180		180	13.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2902	Corymbia citriodora	Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2903	Corymbia citriodora	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2904	Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2905	Corymbia citriodora	Spotted Gum	240		240	19.0	8.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2906 2907	/ /	Grey Ironbark Bull Oak	210 150		210 150	18.0 10.0	6.0 4.0	2.5	Regular Regular	-	-	-	-	-	- 1	Typical Typical		-	-	-	Typical Typical		-	-	-	-	Remove Remove
2908		Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	_	Typical		-	-	-	-	Remove
2909	· /	Spotted Gum	210		210	21.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2910	Corymbia citriodora	Spotted Gum	140	120 90 100	228	15.0	5.0	2.7	Regular	-	-	-	1	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2911		Spotted Gum	150	90	175	16.0	5.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2912	· /	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2913 2914	· /	Spotted Gum Spotted Gum	140 120	-	140 120	17.0 15.0	4.0 3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2915		Spotted Gum	120		120	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2916		Spotted Gum	150		150	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2917	Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2918	· ·	Spotted Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
_		Forest Red Gum	150 140	 	150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
_		Spotted Gum Hickory Wattle	180	180	140 255	15.0 11.0	4.0 6.0	3.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
2922		Spotted Gum	120	100	120	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2923		Spotted Gum	100		100	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2924	Eucalyptus tereticornis	Forest Red Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	/	Forest Red Gum	150		150	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2926 2927		Spotted Gum Moreton Bay Ash	160 180		160 180	16.0 15.0	4.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2927		Spotted Gum	140		140	16.0	3.0	2.2	Regular	-	<u> </u>	-	-	<u> </u>	-	Typical Typical	-	-	-		Typical		-	-	-	-	Remove Remove
2929	,	Spotted Gum	180		180	16.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2930	· ·	Forest Red Gum	130		130	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2931		Moreton Bay Ash	100		100	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Forest Red Gum	180		180	13.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2933 2934		Spotted Gum Forest Red Gum	110 100	 	110 100	15.0 10.0	2.0	2.0	Regular Regular	-	-	-	- Die-back	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2934	,,	Spotted Gum	150	100	180	15.0	7.0	2.0	Regular	-	-	-	- Die-back	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2936		Spotted Gum	130		130	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2937	,	Bull Oak	280		280	11.0	8.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2938		Spotted Gum	150		150	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2939	/	Forest Red Gum	100	100 60	154	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2940 2941		Spotted Gum Forest Red Gum	130 145	 	130 145	14.0 13.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2941	DEAD/STAG	i orest neu dulli	210		210	10.0	1.0	2.5	Regular	-	-	-	-	-	- 1	Typical	-	-	-	-	Typical		Small	-	-	-	Remove
2943		Hickory Wattle	150		150	9.0	7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2944	Corymbia citriodora	Spotted Gum	100	90	135	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2945	- / '	Forest Red Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2946		Spotted Gum	150	00	150	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2947 2948	,	Spotted Gum Spotted Gum	110 130	90 80 70	142 168	14.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2948		Spotted Gum	180	3070	180	16.0	8.0	2.0	Regular	-	-	-	-	-	_	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2950		Spotted Gum	100		100	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical		-	-		Typical		-	-	-	-	Remove
2951		Spotted Gum	135		135	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2953	· /	Spotted Gum	100	100	100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2954	Corymbia citriodora	Spotted Gum	110	100	149	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	nen Details	5							C	anopy Con	dition Deta	ails				Trunk	Condition	Details		Faur	a Details a	nd Habitat	t Value		
		Specim	.c.i Details		[60							Linopy Con	artion Dela					Trank	Condition	Jetans		raur	Decans a	Habitat	raide		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
2955	Corymbia citriodora	Spotted Gum	220		220	16.0	8.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2956	Corymbia citriodora	Spotted Gum	150		150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2957 2958	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	110 120	90	142 120	14.0 10.0	3.0 2.0	2.0	Regular Regular	-	-	-	- Die-back	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2959	Corymbia citriodora	Spotted Gum	100	80	128	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2960	Corymbia citriodora	Spotted Gum	180	100 80	221	16.0	7.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2961	Corymbia citriodora	Spotted Gum	150		150	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2962 2963	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 120	80	120 144	14.0 12.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2964	Acacia disparrima	Hickory Wattle	150	90 120	212	10.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2965	Corymbia citriodora	Spotted Gum	180		180	17.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2966	Corymbia citriodora	Spotted Gum	160		160	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2967 2968	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	130 130		130 130	12.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2969	Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2970	Corymbia citriodora	Spotted Gum	95	90 60	144	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2971	Corymbia citriodora	Spotted Gum	105		105	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2972 2973	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	150 140		150 140	15.0 14.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2974	Corymbia citriodora	Spotted Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2975	Corymbia citriodora	Spotted Gum	130		130	14.0	2.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2976	Corymbia citriodora	Spotted Gum	150		150	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2977 2978	Eucalyptus crebra	Narrow-leaved Ironbark Spotted Gum	200 110		200 110	18.0 15.0	6.0 2.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2978	Corymbia citriodora Corymbia citriodora	Spotted Gum	100		100	13.0	2.0	2.0	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2980	Corymbia citriodora	Spotted Gum	120		120	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2981	Corymbia citriodora	Spotted Gum	135		135	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2982	Corymbia citriodora	Spotted Gum	130		130	16.0	2.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2983 2984	Acacia disparrima Acacia disparrima	Hickory Wattle Hickory Wattle	160 150	110	160 186	11.0 10.0	5.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2985	Corymbia citriodora	Spotted Gum	100	110	100	14.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2986	Acacia disparrima	Hickory Wattle	150		150	9.0	7.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
2987	Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2988 2989	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	125 220		125 220	15.0 18.0	3.0 6.0	2.0 2.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2990	Corymbia citriodora	Spotted Gum	100		100	12.0	2.0	2.0	Regular	-	-	-	Die-back	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2991	Corymbia citriodora	Spotted Gum	140		140	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2992	Corymbia citriodora	Spotted Gum	130		130	14.0	4.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2993 2994	,	Spotted Gum Spotted Gum	220 130		130	23.0 13.0	8.0 4.0	2.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
2995	,	Spotted Gum	120	110	163	13.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
2996	Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular	-	1	-	-	-	-	Typical	-	-	-	1	Typical		-	-	-	-	Remove
2997	Corymbia citriodora	Spotted Gum	165		165	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
2998 2999	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	145 110	80	145 136	11.0 12.0	4.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3000	Corymbia citriodora	Spotted Gum	230	00	230	21.0	9.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3001	,	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-		-	-	-	-	Typical	-	-	-	ı	Typical		-	-	-	-	Remove
3002 3003	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 130		120 130	13.0 14.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3003	,	Spotted Gum	150		150	14.0	3.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3005	Corymbia citriodora	Spotted Gum	100		100	12.0	3.0	2.0	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
3006	Corymbia citriodora	Spotted Gum	160		160	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3007		Spotted Gum	110		110	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3008 3009	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 110		140 110	16.0 13.0	3.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3010	,	Spotted Gum	200		200	19.0	5.0	2.4	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
3011	•	Spotted Gum	100		100	13.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3012 3013	Corymbia citriodora	Spotted Gum	200		200	18.0	6.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3013	,	Spotted Gum Spotted Gum	100 110		100 110	12.0 13.0	2.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3015	Acacia disparrima	Hickory Wattle	170	130	214	9.0	8.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3016	,	Spotted Gum	100		100	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3017	,	Spotted Gum	170		170	16.0	6.0 3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3018 3019	•	Spotted Gum Spotted Gum	110 150		110 150	12.0 15.0	4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3020	,	Bull Oak	170		170	11.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	<u>-</u>	-	-	-	Typical		-	-	-	-	Remove
3021	Corymbia citriodora	Spotted Gum	170		170	16.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3022	Corymbia citriodora	Spotted Gum	150		150	15.0	4.0 5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3023 3024	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	140 100	90	140 135	15.0 13.0	3.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3025	Corymbia citriodora	Spotted Gum	140		140	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3026		Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3027	Corymbia citriodora	Spotted Gum	160	90.60	160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3028	Corymbia citriodora	Spotted Gum	100	80 60	141	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove

		Specim	nen Details							Ca	anopy Cond	dition Deta	ails				Trunk	Condition	Details		Faur	a Details a	nd Habitat	t Value		
		Specific		[60							Lpy con										, au					
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm) Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Popped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats Scratches	Hollows	Nest	Termites	Habitat Value	Additional Notes
3029	Corymbia citriodora	Spotted Gum	180	180	15.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3030	Corymbia citriodora	Spotted Gum	135	135			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3031	Corymbia citriodora	Spotted Gum	120	120			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3032	Corymbia citriodora	Spotted Gum	130	130	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3033 3034	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	100 190	100 190			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3035	Corymbia citriodora	Spotted Gum	130	130			2.0	Regular	_	_	-	-	Epicormic	_	Typical	-		_	-	Typical		-	+ -	-	-	Remove
3036	Corymbia citriodora	Spotted Gum	170	170			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3037	Corymbia citriodora	Spotted Gum	220	220	18.0	8.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3038	Corymbia citriodora	Spotted Gum	140	140			2.0	Regular	-	-	-	-	-	-	Typical	Minor	-	-	-	Typical		-	-	-	-	Remove
3039	Corymbia citriodora	Spotted Gum	140	140			2.0	Regular	-		-	-			Typical	-	-	-	-	Typical		-	-	-	-	Remove
3040 3041	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	120 135	120 120 181			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3041	Corymbia citriodora	Spotted Gum	210	210			2.5	Regular	-	-	-	_	-	_	Typical	-	-	-	_	Typical		-	+ -	-	-	Remove
3043	Corymbia citriodora	Spotted Gum	195	195			2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3044	Corymbia citriodora	Spotted Gum	220	220			2.6	Regular	-	-	-	-	-		Typical	_	-	-	-	Typical		-	-	-	-	Remove
3045	Corymbia citriodora	Spotted Gum	100	60 117			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3046	Acacia disparrima	Hickory Wattle	140	130 130 120 260			3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3047	Corymbia citriodora	Spotted Gum	160	160			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Pomovo
3048 3049	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 210	130 210			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3050	Corymbia citriodora	Spotted Gum	120	120			2.0	Regular	-	_	_	-	-	_	Typical	_	_	-	-	Typical		_	-	-	-	Remove
3051	Corymbia citriodora	Spotted Gum	160	90 184			2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3052	Corymbia citriodora	Spotted Gum	190	190	20.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3053	Corymbia citriodora	Spotted Gum	130	130			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3054	Corymbia citriodora	Spotted Gum	120	120			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3055	Corymbia citriodora	Spotted Gum	150	150			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3056 3057	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	130 120	130 120			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3058	Corymbia citriodora	Spotted Gum	155	155	_		2.0	Regular	-	-	-	-	-	-	Typical	-		_	-	Typical		-	<u> </u>	-	-	Remove
3059	Eucalyptus tereticornis	Forest Red Gum	110	110	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3060	Corymbia citriodora	Spotted Gum	170	170	19.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3061	Corymbia citriodora	Spotted Gum	120	120			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3062	Corymbia citriodora	Spotted Gum	190	190	_		2.3	Regular	-		-	-			Typical	-	-	-	-	Typical		-	-	-	-	Remove
3063 3064	Corymbia citriodora Corvmbia citriodora	Spotted Gum Spotted Gum	140 120	140 115 166			2.0	One-sideo Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3065	Corymbia citriodora	Spotted Gum	100	113 100			2.0	Regular	-	-	-	-	-	-	Typical	-	Native	_	-	Typical		-	<u> </u>	-	-	Remove
3066	Corymbia citriodora	Spotted Gum	100	90 135			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3067	Corymbia citriodora	Spotted Gum	120	110 163	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	Native	-	-	Typical		-	-	-	-	Remove
	,	Spotted Gum	190	190			2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3069	,	Spotted Gum	180	180	_		2.2	Regular	-		-	-			Typical	-	-	-	-	Typical		-	-	-	-	Remove
3070 3071	Corymbia citriodora Corvmbia citriodora	Spotted Gum Spotted Gum	160 110	160			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3071	Corymbia citriodora	Spotted Gum	100	100			2.0	Regular Regular	-	-	-	-	_	-	Typical Typical	-	-	_	-	Typical Typical		-	-	-	-	Remove Remove
3073	•	Spotted Gum	155	155			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3074	Corymbia citriodora	Spotted Gum	170	170			2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3075	,	Spotted Gum	150	150			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	/ '	Forest Red Gum	145	145	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3077 3078	Acacia disparrima Corymbia citriodora	Hickory Wattle Spotted Gum	150 160	150 160			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3078	Corymbia citriodora	Spotted Gum	130	130			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3080	Eucalyptus tereticornis	Forest Red Gum	120	120			2.0	Regular	-	-	Thinning	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3081		Forest Red Gum	130	130			2.0	Regular	-	-	Thinning	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3082	Eucalyptus tereticornis	Forest Red Gum	100	100			2.0	Regular	-	-	-	-	-	-	Typical	Minor	-	-	-	Typical		-	-	-	-	Remove
3083	Corymbia citriodora	Spotted Gum	140	140	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3084	,	Spotted Gum	100	100	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3085 3086	Corymbia citriodora Eucalyptus tereticornis	Spotted Gum Forest Red Gum	100 100	100			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3087	,,	Spotted Gum	145	145			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3088	Corymbia citriodora	Spotted Gum	150	90 175	_		2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3089	Corymbia citriodora	Spotted Gum	100	100	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3090	,	Spotted Gum	140	140			2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
3091	,	Spotted Gum	130	130			2.0	Regular	-	-	-	-	-	-	Typical	-	- Netion	-	-	Typical		-	-	-	-	Remove
3092 3093	Corymbia citriodora	Spotted Gum	110	110	_		2.0	Regular	-	-	-	-	-	-	Typical	-	Native	-	-	Typical		-	-	-	-	Remove Remove
3093	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	170 110	110			2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3095	Corymbia citriodora	Spotted Gum	110	110			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3096	Corymbia citriodora	Spotted Gum	100	100	_		2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3097	,	Spotted Gum	160	160			2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3098	Corymbia citriodora	Spotted Gum	100	100			2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
3099	Corymbia citriodora	Spotted Gum	120	120	_		2.0	Regular	-	-	-	- Die beele	- Foissumis	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3100 3101	Eucalyptus tereticornis Corymbia citriodora	Forest Red Gum Spotted Gum	120 135	120 135			2.0	Regular Regular	-	-	-	Die-back -	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Spotted Gum	160	120 100 224			2.7	Regular	-	-	-	-	-	-	Typical	-	Native	-	-	Typical		-	-	-	-	Remove
3102	corymora citriodora	Spotted dum	100	120 100 224	10.0	. 0.0	4./	negulal		i	1	i	1	i	Pical		HULIVE	ı	i .	iypicai	l -	ı	ı	1		nemove

	Su a simo	on Detail								Canan	Candia	ian Datai	:1-				Turnels	Candisian	Details			Fa	Details	ad Wahitat	Value			
	Specim	en Detail:	s 	[6						Canop	y Condit	tion Detai	IIS				Trunk	Condition	Details			Fauna	Details ai	nd Habitat	value			
Botanical Name 으 항	Common Name	runk DBH (mm)	علاط (mm) علام Trunks DBH	otal DBH (mm) [AS 4970-200	deight (m)	ipread (m)	rree Protection Zone (m)	anopy Form	spreading seeding		Thinning	Jie-Back	picormic Growth	paddo-	anopy Health	.eaning	/ines	runk Damage	ire Damage	runk Health	icats	icratches	4ollows	Vest	Termites	Habitat Value	Retention Status	\dditional Notes
3103 Corymbia citriodora	Spotted Gum	110		110	14.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	`
3104 Corymbia citriodora	Spotted Gum	220		220	20.0	8.0	2.6	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3105 Eucalyptus tereticornis	Forest Red Gum	110		110	8.0	1.0	2.0	Regular			- C	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3106 Corymbia citriodora	Spotted Gum	150		150	14.0	2.0	2.0	Regular		Thi	nning	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3107 Acacia disparrima	Hickory Wattle	190		190	10.0	8.0	2.3	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3108 Corymbia citriodora 3109 Corymbia citriodora	Spotted Gum Spotted Gum	130 135		130 135	15.0 14.0	3.0 4.0	2.0	Regular Regular		_	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3110 Allocasuarina luehmannii	Bull Oak	160		160	15.0	5.0	2.0	One-sided			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3111 Allocasuarina luehmannii	Bull Oak	220		220	14.0	4.0	2.6	One-sided			-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
3112 Acacia disparrima	Hickory Wattle	130	100	164	10.0	4.0	2.0	Regular		-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	
3113 Corymbia citriodora	Spotted Gum	110 110		110	14.0	3.0	2.0	Regular		_	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3114 Corymbia citriodora 3115 Acacia disparrima	Spotted Gum Hickory Wattle	150	90	110 175	15.0 9.0	3.0 7.0	2.0	Regular Regular		_	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3116 Corymbia citriodora	Spotted Gum	110	100	149	14.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3117 Corymbia citriodora	Spotted Gum	130		130	16.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3118 Corymbia citriodora	Spotted Gum	130		130	15.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3119 Eucalyptus tereticornis 3120 Corymbia citriodora	Forest Red Gum Spotted Gum	125 140		125 140	13.0 16.0	3.0 4.0	2.0	Regular Regular		_	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3121 Eucalyptus crebra	Narrow-leaved Ironbark	100		100	10.0	2.0	2.0	Regular			-	-	- Epicormic	-	Typical	-	- Native	-	-	Typical	-	-	-	-	-	-	Remove	
3122 Eucalyptus tereticornis	Forest Red Gum	130		130	14.0	5.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3123 Corymbia citriodora	Spotted Gum	150		150	15.0	5.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3124 Eucalyptus tereticornis	Forest Red Gum	100	100	100	10.0	3.0	2.0	Regular			-	-		-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3125 Eucalyptus tereticornis 3126 Corymbia citriodora	Forest Red Gum Spotted Gum	110 100	100	149 100	13.0 13.0	4.0 2.0	2.0	Regular Regular		Ini	nning -	-	Epicormic -	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
3127 Corymbia citriodora	Spotted Gum	100		100	13.0	3.0	2.0	Regular			-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	
3128 Corymbia citriodora	Spotted Gum	180		180	19.0	7.0	2.2	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3129 Corymbia citriodora	Spotted Gum	100		100	14.0	2.0	2.0	Regular		-	-	-	-		Typical	-		-	-	Typical	-		-		-	-	Remove	
3130 Corymbia citriodora 3131 Corymbia citriodora	Spotted Gum Spotted Gum	120 180		120 180	13.0 19.0	4.0 7.0	2.0	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3132 Eucalyptus tereticornis	Forest Red Gum	150	145	209	16.0	6.0	2.5	Regular		-	-	-	-	-	Typical	-		-	-	Typical	-	Old	-	-	-	-	Remove	
3133 Corymbia citriodora	Spotted Gum	120		120	16.0	3.0	2.0	Regular			- C	Die-back			Typical	-		-	-	Typical		-	-		-	-	Remove	
3134 Corymbia citriodora	Spotted Gum	160		160	15.0	5.0	2.0	Regular		_	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3135 Corymbia citriodora 3136 Corymbia citriodora	Spotted Gum Spotted Gum	110 155		110 155	12.0 17.0	2.0 4.0	2.0	Regular Regular		-	-	-	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3137 Eucalyptus tereticornis	Forest Red Gum	100		100	12.0	2.0	2.0	One-sided			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3138 Eucalyptus tereticornis	Forest Red Gum	100		100	14.0	2.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3139 Corymbia citriodora	Spotted Gum	130		130	15.0	5.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3140 Corymbia citriodora 3141 Corymbia citriodora	Spotted Gum Spotted Gum	240 120		240 120	20.0 15.0	8.0 3.0	2.9	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3142 Eucalyptus tereticornis	Forest Red Gum	130		130	14.0	4.0	2.0	Regular		_		Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3143 Eucalyptus tereticornis	Forest Red Gum	130		130	14.0	4.0	2.0				-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3144 Acacia disparrima	Hickory Wattle	160	150	219	11.0	8.0	2.6	- 3			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3145 Eucalyptus tereticornis 3146 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	110 120		110 120	12.0 8.0	3.0 1.0	2.0	Regular Regular		_	- C	- Die-back	- Epicormic	-	Typical Poor	-	-	- Frunk Dmg	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3147 Eucalyptus tereticornis	Forest Red Gum	110		110	11.0	2.0	2.0	· .			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3148 Acacia disparrima	Hickory Wattle	110	130	170	10.0	8.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3149 Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3150 Eucalyptus tereticornis 3151 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	120 140		120 140	13.0 14.0	3.0 4.0	2.0	riegaia.			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3152 Eucalyptus tereticornis	Forest Red Gum	140	80	161	12.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3153 Corymbia citriodora	Spotted Gum	100		100	13.0	2.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
3154 Corymbia citriodora 3155 Eucalyptus tereticornis	Spotted Gum	140		140	15.0	5.0	2.0	rieguiu.			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3155 Eucalyptus tereticornis 3156 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	130 110		130 110	11.0 12.0	4.0 3.0	2.0				-	-	-	-	Typical Typical	- Minor	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3157 Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	4.0	2.0	· .		_	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3158 Eucalyptus tereticornis	Forest Red Gum	170		170	13.0	4.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3159 Eucalyptus tereticornis	Forest Red Gum	110	<u> </u>	110	12.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3160 Eucalyptus tereticornis 3161 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	100		100 100	12.0 9.0	2.0	2.0	Regular Regular		_	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3162 Eucalyptus tereticornis	Forest Red Gum	160		160	13.0	5.0	2.0				-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3163 Eucalyptus tereticornis	Forest Red Gum	110	100	149	12.0	5.0	2.0	Regular		_	-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
3164 Eucalyptus tereticornis	Forest Red Gum	135	ļ	135	14.0	3.0	2.0	Regular		_	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-		Remove	
3165 Acacia concurrens 3166 Eucalyptus tereticornis	Black Wattle Forest Red Gum	150 100		150 100	11.0 11.0	5.0 2.0	2.0	Regular Regular			-	-	-	-	Typical Typical	Major -	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3167 Acacia disparrima	Hickory Wattle	130	100	164	9.0	6.0	2.0				-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3168 Eucalyptus tereticornis	Forest Red Gum	170		170	15.0	5.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	1	-	-	-	Remove	
3169 Eucalyptus tereticornis	Forest Red Gum	170		170	16.0	4.0	2.0	rieguiu.			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3170 Eucalyptus tereticornis 3171 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	160 240		160 240	15.0 15.0	6.0 6.0	2.0	Regular Regular			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3172 Eucalyptus tereticornis	Forest Red Gum	140		140	12.0	3.0	2.0	One-sided			-	-	-		Typical	Minor	-	-	-	Typical	-	-	-	-	-		Remove	_
3173 Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	3.0	2.0	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3174 Acacia disparrima	Hickory Wattle	140	130	191	8.0	7.0	2.3	Regular			-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3175 Eucalyptus tereticornis 3176 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	170 180		170 180	14.0 12.0	4.0 5.0	2.0	riegaia.			-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
2170 Lucusypius tereticorilis	. STEST NEW GUITI	100	1	100	12.0	5.0	۷.۷	ricgulai			I				Pical					Pical				l .	l	1	nemove	

	Consideration	D-4-il	-							C		lisi D-s	-11-				Toursele	C	D-4-11-			F	Dataila a	. d 11-b:4-4	W-l			
	Specim	nen Detail	s 	[6						Car	nopy Cond	lition Deta	aiis				Trunk	Condition	Details			Fauna	Details ai	nd Habitat	value			
Botanical Name © च	Common Name	frunk DBH (mm)	Additional Trunks DBH (mm)	Fotal DBH (mm) [AS 4970-200	Height (m)	Spread (m)	ree Protection Zone (m)	Canopy Form	spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	canopy Health	-eaning	Vines	rrunk Damage	ire Damage	frunk Health	Scats	scratches	4ollows	Vest	Fermites	Habitat Value	Retention Status	Additional Notes
3177 Eucalyptus tereticornis	Forest Red Gum	180		180	12.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-		-	-	-	Remove	•
3178 Eucalyptus tereticornis	Forest Red Gum	170	140	220	15.0	5.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3179 Eucalyptus tereticornis	Forest Red Gum	190		190	16.0	6.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-		-	-	Remove	
3180 Eucalyptus tereticornis 3181 Eucalyptus tereticornis	Forest Red Gum Forest Red Gum	150 120		150 120	10.0 9.0	3.0	2.0	Regular Regular		-	-		-	-	Typical Typical	-	-	-	-	Typical Typical	-	-		-	-	-	Remove Remove	
3182 Corymbia citriodora	Spotted Gum	190		190	16.0	5.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3183 Corymbia citriodora	Spotted Gum	160		160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3184 Eucalyptus tereticornis	Forest Red Gum	120	100	156	11.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3185 Acacia disparrima 3186 Acacia disparrima	Hickory Wattle Hickory Wattle	110 110	90 90 90 100 70	191 164	8.0 8.0	6.0 6.0	2.3	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3187 Eucalyptus tereticornis	Forest Red Gum	130	10070	130	14.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3188 Corymbia citriodora	Spotted Gum	180		180	17.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3189 Corymbia citriodora	Spotted Gum	150		150	16.0	3.0	2.0	Regular		-	-	-		-	Typical	-	-	-	-	Typical	-		-		-	-	Remove	
3190 Corymbia citriodora 3191 Corymbia citriodora	Spotted Gum Spotted Gum	100 140		100 140	13.0 15.0	2.0 4.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3192 Corymbia citriodora	Spotted Gum	230		230	20.0	6.0	2.8	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3193 Corymbia citriodora	Spotted Gum	110		110	9.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3194 Corymbia citriodora	Spotted Gum	190		190	18.0	6.0	2.3	Regular		-			-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3195 Eucalyptus tereticornis 3196 Corymbia citriodora	Forest Red Gum Spotted Gum	140 100		140 100	14.0 13.0	3.0 2.0	2.0	Regular Regular		-	Thinning -	Die-back -	-	-	Poor Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3197 Corymbia citriodora	Spotted Gum	190		190	17.0	5.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3198 Eucalyptus tereticornis	Forest Red Gum	110		110	11.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3199 Corymbia citriodora	Spotted Gum	180		180	18.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3200 Acacia disparrima	Hickory Wattle	190		190	8.0	7.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3201 Eucalyptus tereticornis 3202 Corymbia citriodora	Forest Red Gum Spotted Gum	130 120		130 120	11.0 13.0	2.0 4.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3203 Corymbia citriodora	Spotted Gum	115		115	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3204 Corymbia citriodora	Spotted Gum	160		160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3205 Eucalyptus tereticornis	Forest Red Gum	150		150	15.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3206 Corymbia citriodora 3207 Corymbia citriodora	Spotted Gum Spotted Gum	145 170		145 170	16.0 20.0	2.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3208 Eucalyptus tereticornis	Forest Red Gum	130		130	16.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3209 Eucalyptus tereticornis	Forest Red Gum	130		130	13.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3210 Corymbia citriodora	Spotted Gum	100		100	15.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3211 Corymbia citriodora 3212 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	100 120		100 120	16.0 10.0	2.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3213 Corymbia citriodora	Spotted Gum	120		120	14.0	2.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3214 Corymbia citriodora	Spotted Gum	180		180	16.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3215 Corymbia citriodora	Spotted Gum	190		190	17.0	6.0	2.3	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3216 Corymbia citriodora 3217 Corymbia citriodora	Spotted Gum Spotted Gum	210 180		210 180	21.0 18.0	7.0 6.0	2.5	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3218 Eucalyptus tereticornis	Forest Red Gum	120		120	15.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3219 Corymbia citriodora	Spotted Gum	120		120	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3220 Eucalyptus tereticornis	Forest Red Gum	140		140	15.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3221 Corymbia citriodora 3222 Eucalyptus tereticornis	Spotted Gum Forest Red Gum	150 100		150 100	15.0 14.0	5.0 2.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3223 Corymbia citriodora	Spotted Gum	160		160	19.0	5.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3224 Corymbia citriodora	Spotted Gum	180		180	18.0	6.0	2.2	Regular		-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	1	-	-	-	Remove	
3225 Corymbia citriodora	Spotted Gum	110		110	15.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3226 Eucalyptus tereticornis 3227 Corymbia citriodora	Forest Red Gum Spotted Gum	120 150	90	120 175	15.0 16.0	3.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3228 Corymbia citriodora	Spotted Gum	100	,,,	100	13.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3229 Corymbia citriodora	Spotted Gum	100		100	15.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3230 Corymbia citriodora	Spotted Gum	150		150	15.0	4.0	2.0	Regular		-	1	-	-	-	Typical	-	-	-	-	Typical	-	-	ī	-	-	-	Remove	
3231 Eucalyptus tereticornis 3232 Corymbia citriodora	Forest Red Gum Spotted Gum	170 115		170 115	14.0 10.0	5.0 3.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3233 Corymbia citriodora	Spotted Gum	140		140	14.0	4.0	2.0	Regular		-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3234 Acacia disparrima	Hickory Wattle	160	120 120 90	250	11.0	8.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3235 Acacia disparrima	Hickory Wattle	410		410	11.0	9.0	4.9	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3236 Corymbia citriodora 3237 Corymbia citriodora	Spotted Gum Spotted Gum	170 140		170 140	16.0 16.0	6.0 6.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3238 Corymbia citriodora	Spotted Gum	170		170	17.0	6.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3239 Acacia disparrima	Hickory Wattle	100	90	135	9.0	6.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3240 Eucalyptus tereticornis	Forest Red Gum	120		120	14.0	3.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3241 Eucalyptus tereticornis 3242 Corymbia citriodora	Forest Red Gum Spotted Gum	180 130		180 130	14.0 12.0	5.0 2.0	2.2	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3242 Corymbia citriodora 3243 Acacia disparrima	Hickory Wattle	200	90	219	8.0	8.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3244 Corymbia citriodora	Spotted Gum	210		210	16.0	6.0	2.5	Regular		-	-	-	-		Typical	-	-	-		Typical	-	-	-	-	-	-	Remove	
3245 Corymbia citriodora	Spotted Gum	130		130	12.0	4.0	2.0	Regular		-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3246 Corymbia citriodora 3247 Acacia disparrima	Spotted Gum Hickory Wattle	100 140	130	100 191	13.0 8.0	2.0 8.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	-	-	-	-	-	-	Remove Remove	
3248 Corymbia citriodora	Spotted Gum	220	150	220	18.0	6.0	2.6	Regular		-	-	-	-	-	Typical	-	-	-	- 1	Typical	-	-	-	-	-	-	Remove	
3249 Corymbia citriodora	Spotted Gum	120	120	170	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3250 Corymbia citriodora	Spotted Gum	100		100	10.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	

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100 100	3251	Corymbia citriodora	Spotted Gum	150	150) 1	6.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove	
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3381 Eucalyptus tereticomis Forest Red Gum 150		alyptus tereticornis F	Forest Red Gum	150			14.0	4.0	2.0	Regular	l					-	Typical	-	-		-	Typical		_					
3382 Eucalyptus tereticomis Forest Red Gum 110 110 110 110 110 13.0 4.0 2.0 Regular Typical Typical Typical Typical Typical Typical Typical Typical Typical		/1			\Box											- 1		-			-						_		
3383 Corymbia citriodora Spotted Gum 160 160 13.0 4.0 2.0 One-sided - - - - Typical Minor - - Typical - - - - - - Remove		.,			+ +													-			-						_		
3385 Eucalyptus tereticomis Forest Red Gum 135 135 130 5.0 2.0 Regular Typical	3 Coryn	rymbia citriodora	Spotted Gum	160		160	13.0	4.0	2.0	One-sided				-		-	Typical	Minor	-	-	-	Typical						Remove	
3386 Acacia disparrima Hickory Wattle 160 160 7.0 6.0 2.0 Regular Die-back - Lopped Typical Typical Typical Typical Typical																-]		-			-								
3387 Eucalyptus tereticomis Forest Red Gum 120 120 120 120 120 3.0 2.0 Regular					+													-			-								
3389 Acacia disparrima Hickory Wattle 140 120 184 9.0 7.0 2.2 Regular - <	7 Eucaly	alyptus tereticornis F	Forest Red Gum	120		120	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-			-	Remove	
3390 Corymbia citriodora Spotted Gum 220 220 19.0 6.0 2.6 Regular Typical Typical Typical Typical Typical Typical Typical Retain		'														Lopped		-	-	-	-						_		
3391 Corymbia citriodora Spotted Gum 110 110 13.0 2.0 2.0 Regular - - - Typical -		-	,		120						-					-		-	-	-	-				_		_		
3393 Eucalyptus tereticomis Forest Red Gum 200 17.0 8.0 2.4 Regular - - - - - - Typical -	1 Coryn	rymbia citriodora	Spotted Gum	110		110	13.0	2.0	2.0	Regular						-	Typical	-		-	-	Typical						Retain	
3394 Eucalyptus tereticomis Forest Red Gum 190 190 16.0 5.0 2.3 Regular - - - - - - Typical -		/'																-			-								
3395 Acacia disparrima Hickory Wattle 190 100 215 10.0 8.0 2.6 Regular -					 											-		-			-								
	5 Acacio	acia disparrima	Hickory Wattle	190	100	215		8.0	2.6	Regular	-		_			-	Typical	-			-	Typical							
3397 Lophostemon suaveolens Swamp Box 150 150 150 3.0 5.0 2.0 Regular - - - - - - Typical - - - Typical - - - - - - - Retain			Spotted Gum Swamp Box	115 150	 	115 150	13.0 13.0	3.0 5.0	2.0	Regular Regular		-	-	-	-	-	Typical Typical	-		-	-	Typical Typical					_	Retain Retain	
3398 Acacia disparrima Hickory Wattle 220 220 15.0 8.0 2.6 Regular Typical Minor Typical Retain																-		Minor		-	-								

		Specin	nen Detail	ls							C	anopy Con	dition Deta	ails				Trunk	Condition	Details		Fau	na Details a	nd Habitat \	Value		
		Specia	- Juli		[60																	. 30					
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Poddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
3399	Corymbia tessellaris	Moreton Bay Ash	125		125	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3400	Corymbia tessellaris	Moreton Bay Ash	220		220	18.0	9.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
	Acacia disparrima	Hickory Wattle	210	130	247	12.0	9.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3402	Corymbia tessellaris	Moreton Bay Ash	140		140	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3403 3404	Eucalyptus tereticornis Angophora subvelutina	Forest Red Gum Broad-leaved Apple	210 120		210 120	19.0 9.0	7.0 3.0	2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Retain Retain
	Eucalyptus tereticornis	Forest Red Gum	130		130	14.0	3.0	2.0	Regular	-	_	<u> </u>	-	-	-	Typical	-	-	_	-	Typical		-	-	_		Retain
3406	Eucalyptus tereticornis	Forest Red Gum	160		160	18.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3407	Eucalyptus tereticornis	Forest Red Gum	130		130	17.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	1	-	-	Typical		-	-	-	-	Retain
	Angophora subvelutina	Broad-leaved Apple	190		190	17.0	6.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3409	Eucalyptus tereticornis	Forest Red Gum	150		150	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-		-	Typical		-	-		-	Retain
3410 3411	Alphitonia excelsa Acacia disparrima	Soap Tree Hickory Wattle	160 170		160 170	15.0 13.0	8.0 6.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Retain Retain
3411	Alphitonia excelsa	Soap Tree	170		170	12.0	8.0	2.0	Regular	-	-	_	-	-	-	Typical	_	-	_	-	Typical		-	-	-		Retain
		Moreton Bay Ash	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	- 1	Typical	Minor	-	-	-	Typical		-	-	-	-	Retain
3414	,	Soap Tree	150		150	11.0	6.0	2.0	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Retain
3415	Alphitonia excelsa	Soap Tree	230		230	16.0	8.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3416		Hickory Wattle	150		150	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3417	Alphitonia excelsa	Soap Tree	170		170	13.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3418 3419	Corymbia tessellaris Alphitonia excelsa	Moreton Bay Ash Soap Tree	160 190	+ +	160 190	16.0 14.0	6.0 7.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Retain Retain
	Acacia disparrima	Hickory Wattle	180		180	11.0	8.0	2.3	Regular	_	-			-	-	Typical	-			_	Typical		-	_	-		Retain
-	Eucalyptus crebra	Narrow-leaved Ironbark	130		130	12.0	3.0	2.0	Regular	_	-	_	Die-back	Epicormic	_	Poor	_	_	_	_	Typical		_	-	_	_	Retain
3422		Moreton Bay Ash	100		100	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3423	Alphitonia excelsa	Soap Tree	165		165	11.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	ı	-	-	Typical		-	-	-	-	Retain
3424	Corymbia citriodora	Spotted Gum	120		120	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3425	Corymbia citriodora	Spotted Gum	260		260	20.0	8.0	3.1	Regular	-	-	-	-	Epicormic	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
-	Acacia disparrima	Hickory Wattle	150		150	12.0	7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3427 3428	Eucalyptus tereticornis	Forest Red Gum	240 210		240	19.0 18.0	6.0 4.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain Retain
3428	Corymbia citriodora Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	120		210 120	12.0	0.0	2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-		Retain
3430	Corymbia citriodora	Spotted Gum	165		165	15.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Final status subject to
3431	Eucalyptus tereticornis	Forest Red Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Final status subject to
3432	Eucalyptus crebra	Narrow-leaved Ironbark	220		220	21.0	8.0	2.6	Regular		-		-	-	_	Typical	-	-	-	-	Typical		-	-	-	-	Final status subject to
	Lucuiypius creoru								negulai	_		-				. / [-		
_	Eucalyptus crebra	Narrow-leaved Ironbark	240		240	16.0	8.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3434	Eucalyptus crebra Corymbia tessellaris	Narrow-leaved Ironbark Moreton Bay Ash	240 120		120	16.0 10.0	8.0 3.0	2.9 2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	- -	-	-	-	Typical		-	1			Final status subject to
3434 3435	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak	240 120 210		120 210	16.0 10.0 11.0	8.0 3.0 5.0	2.9 2.0 2.5	Regular Regular Regular		-		-			Typical Typical Typical	- Major			-	Typical Typical		-		- - -		Final status subject to Remove
3434 3435 3436	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash	240 120 210 190	140	120 210 190	16.0 10.0	8.0 3.0	2.9 2.0	Regular Regular		-	-			- - - -	Typical Typical Typical Typical	- Major -			- - - -	Typical Typical Typical		-	-	-		Final status subject to
3434 3435 3436 3437	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak	240 120 210	140	120 210	16.0 10.0 11.0 12.0	8.0 3.0 5.0 6.0	2.9 2.0 2.5 2.3	Regular Regular Regular Regular		- - -		-		- - - -	Typical Typical Typical	- Major - -			- - - -	Typical Typical			- - -	- - -	-	Final status subject to Remove Remove
3434 3435 3436 3437	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150		120 210 190 205	16.0 10.0 11.0 12.0 12.0	8.0 3.0 5.0 6.0 4.0	2.9 2.0 2.5 2.3 2.5	Regular Regular Regular Regular Regular		- - - -	- - - -	- - -	- - -	- - - - -	Typical Typical Typical Typical Typical	- Major - - -			- - - - -	Typical Typical Typical Typical			- - - -	- - - -		Final status subject to Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150 140 150 160		120 210 190 205 178 150	16.0 10.0 11.0 12.0 12.0 12.0 11.0 11.0	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular	- - -	- - - -		- - -	- - -		Typical Typical Typical Typical Typical Typical Typical Typical Typical	- Major - - - -	- - -	- - -		Typical Typical Typical Typical Typical Typical Typical Typical		- - -		- - - -		Final status subject to Remove Remove Remove Remove Remove Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440 3441	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150 140 150 160		120 210 190 205 178 150 160	16.0 10.0 11.0 12.0 12.0 12.0 11.0 11.0 12.0	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0 3.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular Regular Regular	-				-		Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical	- - -		- - - -		Typical Typical Typical Typical Typical Typical Typical Typical Typical				- - - - - - -		Final status subject to Remove Remove Remove Remove Remove Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440 3441 3442	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150 140 150 160 150		120 210 190 205 178 150 160 150	16.0 10.0 11.0 12.0 12.0 12.0 11.0 11.0 12.0 14.0	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0 3.0 4.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular Regular Regular	-				-		Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical	- - -			- - - - - - - -	Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical						Final status subject to Remove Remove Remove Remove Remove Remove Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440 3441 3442 3443	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150 140 150 160 150 160	110	120 210 190 205 178 150 160 150 160	16.0 10.0 11.0 12.0 12.0 12.0 11.0 11.0 11	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0 3.0 4.0 4.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0 2.0 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular							Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical	- - -			- - - - - - - - - -	Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical				- - - - - - - - - - - - - -		Final status subject to Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440 3441 3442	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150 140 150 160 150		120 210 190 205 178 150 160 150	16.0 10.0 11.0 12.0 12.0 12.0 11.0 11.0 12.0 14.0	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0 3.0 4.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular Regular Regular	-				-		Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical	- - -				Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical						Final status subject to Remove Remove Remove Remove Remove Remove Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440 3441 3442 3443 3444 3445 3446	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak	240 120 210 190 150 140 150 160 150 160 120	110	120 210 190 205 178 150 160 150 150 160 170 240	16.0 10.0 11.0 12.0 12.0 12.0 11.0 11.0 12.0 14.0 12.0 14.0 12.0 17.0	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0 3.0 4.0 4.0 4.0 5.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular						- - -	Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical	- - -				Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical Typical				- - - - - - - - - - - - - - - - - -		Final status subject to Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove
3434 3435 3436 3437 3438 3439 3440 3441 3442 3443 3444 3445 3446 3447	Eucalyptus crebra Corymbia tessellaris Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Allocasuarina luehmannii Eucalyptus crebra Allocasuarina luehmannii Eucalyptus crebra	Narrow-leaved Ironbark Moreton Bay Ash Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Bull Oak Narrow-leaved Ironbark Bull Oak Bull Oak	240 120 210 190 150 160 150 150 160 170 120 240 170	120	120 210 190 205 178 150 160 150 150 160 170 240 170 267	16.0 10.0 11.0 12.0 12.0 11.0 12.0 11.0 11.0 12.0 14.0 12.0 14.0 12.0 13.0 13.0	8.0 3.0 5.0 6.0 4.0 4.0 3.0 4.0 3.0 4.0 4.0 4.0 5.0 6.0 6.0	2.9 2.0 2.5 2.3 2.5 2.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular Regular						- - - - -	Typical Typical	- - -				Typical Typical						Final status subject to Remove
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		Specim	en Details	S							Ca	nopy Cond	dition Deta	nils				Trunk	Condition	Details		Faur	na Details a	nd Habitat \	Value		
		Specific			[60						- Cu	- py sont										, au					
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-20	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddo	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
3473	Eucalyptus tereticornis	Forest Red Gum	210		210	18.0	4.0	2.5	Regular	-	-	-	Die-back	Epicormic	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
3474		Pink Bloodwood	120	100	156	10.0	7.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3475 3476		Hickory Wattle Bull Oak	150 180		150 180	9.0 13.0	7.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3477		Bull Oak	150		150	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3478		Bull Oak	130	100	164	11.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3479 3480		Spotted Gum	210	120	210 177	15.0 11.0	5.0	2.5 2.1	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
		Hickory Wattle Hickory Wattle	130 150	120	150	11.0	6.0 4.0	2.0	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove
		Smooth-barked Apple	210		210	14.0	7.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3483 3484	J. F	Smooth-barked Apple Bull Oak	150 160		150 160	14.0 12.0	4.0 5.0	2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical	- New	-	-	-	-	Remove Remove
3485		Narrow-leaved Ironbark	180		180	14.0	5.0	2.2	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3486	Eucalyptus crebra	Narrow-leaved Ironbark	200		200	15.0	6.0	2.4	Regular	-	-	-	Die-back	Epicormic	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3487 3488		Bull Oak Narrow-leaved Ironbark	150 240		150 240	13.0 17.0	5.0 5.0	2.0 2.9	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3489	//	Narrow-leaved Ironbark	240		240	20.0	9.0	2.9	Regular	-	-	-	-	-		Typical		-	-		Typical		-	-	-	-	Remove
3490		Bull Oak	150	90	175	12.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3491 3492		Bull Oak Bull Oak	150 170	125	195 170	11.0 12.0	6.0 5.0	2.3	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3492	Allocasuarina luehmannii Allocasuarina luehmannii		150		150	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3494	Allocasuarina luehmannii	Bull Oak	190		190	13.0	5.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3495		Bull Oak	150		150	10.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3496 3497	<i>,</i> ,	Smooth-barked Apple Hickory Wattle	180 160		180 160	14.0 12.0	5.0 6.0	2.2	One-sided Regular	-	-	-	-	-	-	Typical Typical	Minor	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3498		Pink Bloodwood	190	160 140	285	15.0	6.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3499		Moreton Bay Ash	160		160	14.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3500 3501		Bull Oak Bull Oak	175 150	130	175 198	13.0 10.0	4.0 4.0	2.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3502		Bull Oak	175	130	175	10.0	4.0	2.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3503		Spotted Gum	250		250	23.0	6.0	3.0	Regular	-	-	-	Die-back	Epicormic	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3504 3505		Spotted Gum Bull Oak	230 280		230 280	20.0 13.0	6.0 5.0	2.8 3.4	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3506		Bull Oak	180		180	10.0	5.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3507	Allocasuarina luehmannii 🛚		170		170	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3508 3509		Bull Oak Forest Red Gum	150 120		150 120	9.0 12.0	4.0 2.0	2.0	Regular Regular	-	-	-	- Die-back	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3510		Spotted Gum	230		230	24.0	9.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Bull Oak	170	100	197	13.0	7.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii Allocasuarina luehmannii		280 340		280 340	14.0 14.0	6.0 7.0	3.4 4.1	Regular Regular	-	-	-	-	-	-	Typical Typical	Major	-	Frunk Dmg -	-	Typical Typical		-	-	Termites	-	Remove Remove
3513	Allocasuarina luehmannii		190		190	11.0	8.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3515	Allocasuarina luehmannii 🛭		220		220	14.0	4.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3516	Allocasuarina luehmannii		170	160	233	15.0	7.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3517 3518	Allocasuarina luehmannii Allocasuarina luehmannii I		170 240		170 240	11.0 15.0	5.0 7.0	2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	- Major	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3519	Allocasuarina luehmannii 🛭	Bull Oak	220		220	14.0	6.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3520 3521	Allocasuarina luehmannii Allocasuarina luehmannii		170 170		170 170	14.0 14.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Bull Oak	260		260	17.0	7.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3523	Angophora leiocarpa	Smooth-barked Apple	140		140	8.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii Eucalyptus crebra	Bull Oak Narrow-leaved Ironbark	290 230		290 230	17.0 18.0	7.0 6.0	3.5 2.8	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Allocasuarina luehmannii		290		290	17.0	7.0	3.5	Regular	-	-	-	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
3527	Allocasuarina luehmannii 🛭	Bull Oak	200		200	14.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3528 3529	Allocasuarina luehmannii Allocasuarina luehmannii		300 250	220	372 250	17.0 14.0	8.0 6.0	4.5 3.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Allocasuarina luehmannii Allocasuarina luehmannii		200		200	14.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3531	Angophora leiocarpa	Smooth-barked Apple	210		210	14.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii Allocasuarina luehmannii		240 210		240 210	15.0 14.0	8.0 5.0	2.9 2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	Minor	-	-	-	Typical		-	-	-	-	Remove Remove
3533	Allocasuarina luenmannii Allocasuarina luehmannii		170		170	15.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3535	Allocasuarina luehmannii 🛭	Bull Oak	170		170	15.0	4.0	2.0	Regular	-	-	-	Die-back	Epicormic	-	Poor	-	Native	-	-	Typical	- New	-	-	-	-	Remove
	Allocasuarina luehmannii		210		210	14.0	5.0	2.5 3.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii Allocasuarina luehmannii		310 300		310 300	14.0 14.0	7.0 8.0	3.7	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3539	Allocasuarina luehmannii 🛭	Bull Oak	250		250	15.0	3.0	3.0	Regular	-	-	-	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
3540	Allocasuarina luehmannii		240	120	240	14.0	6.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3541 3542	Allocasuarina luehmannii Allocasuarina luehmannii		180 225	120	216 225	12.0 13.0	5.0 5.0	2.6 2.7	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	Allocasuarina luehmannii [180		180	14.0	5.0	2.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii		200		200	14.0	5.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii		200 170		200 170	14.0	4.0 5.0	2.4	Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical		-	-	-	-	Remove Remove
3546	Allocasuarina luehmannii	DUII UdK	1/0	l l	170	11.0	5.0	2.0	Regular	-	-	-		-	-	Typical	-	-	-	-	Typical		<u> </u>	1 -	-	-	Remove

		Specim	en Details	<u> </u>							Cz	nopy Con	dition Deta	nils				Trunk	Condition	Details		Faur	na Details a	nd Habitat \	Value		
		Specific	J Cturis		[60																	. 30					
[ree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	paddon	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
3547	Allocasuarina luehmannii	Bull Oak	220		220	15.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3548	7,	Narrow-leaved Ironbark	290		290	23.0	8.0	3.5	Regular	-	-	-	Die-back	-	-	Typical	-	-	-	-	Typical		-	-	Termites	-	Remove termite nest
3549		Narrow-leaved Ironbark	210		210	16.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3550 3551		Bull Oak Bull Oak	160 160		160 160	12.0 12.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3552		Bull Oak	180		180	12.0	4.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3553	Allocasuarina luehmannii	Bull Oak	180	110	211	14.0	6.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3554	//	Narrow-leaved Ironbark	220	140	261	21.0	8.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3555 3556		Bull Oak Narrow-leaved Ironbark	310 250		310 250	16.0 20.0	10.0 8.0	3.7 3.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
3557		Bull Oak	200		200	15.0	7.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3558	Angophora leiocarpa	Smooth-barked Apple	250	100	269	16.0	8.0	3.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3559		Bull Oak	150		150	10.0	5.0	2.0	Regular	-	-		-	-	-	Typical	-	-	-	-	Typical		-	-		-	Remove
3560 3561		Bull Oak Narrow-leaved Ironbark	150 290		150 290	12.0 22.0	6.0 9.0	2.0 3.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
3562		Bull Oak	200		200	14.0	8.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
3563		Narrow-leaved Ironbark	180		180	16.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3564		Narrow-leaved Ironbark	190		190	15.0	7.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3565		Bull Oak	175		175	12.0	5.0	2.1	Regular	-	-	-	-	-	-	Typical	- Maiar	-	-	-	Typical		-	-	-	-	Remove
3566 3567	Allocasuarina luehmannii Allocasuarina luehmannii	Bull Oak Bull Oak	170 220		170 220	12.0 12.0	3.0 6.0	2.0 2.6	Regular Regular	-	<u> </u>	-	-	-	-	Typical Typical	Major -	-	-		Typical Typical		-	-	-	-	Remove Remove
3568	Allocasuarina luehmannii		150		150	11.0	3.0	2.0	Regular	-	-	-	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
3569	Allocasuarina luehmannii	Bull Oak	150		150	12.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3570		Bull Oak	210		210	15.0	4.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3571 3572		Bull Oak Bull Oak	150 170		150 170	12.0 13.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3573		Narrow-leaved Ironbark	150		150	15.0	5.0	2.0	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3574		Forest Red Gum	230		230	15.0	7.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3575	Allocasuarina luehmannii	Bull Oak	200		200	12.0	4.0	2.4	One-sided	-	-	-	-	-	-	Typical	-	-	Frunk Dmg	-	Typical		-	-	-	-	Remove
3576	Eucalyptus crebra	Narrow-leaved Ironbark	160	155	223	15.0	7.0	2.7	Regular	-	-	-	- Dia baak	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove tree logged
3577 3578		Bull Oak Smooth-barked Apple	160 145	120	200 145	9.0 14.0	4.0 3.0	2.4	Regular Regular	-		-	Die-back Die-back	- Epicormic	-	Poor Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
3579	, ,	Spotted Gum	150	140	205	17.0	9.0	2.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3580		Bull Oak	155		155	11.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3581	*	Spotted Gum	160		160	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3582 3583	Allocasuarina luehmannii Corymbia citriodora	Bull Oak Spotted Gum	230 140		230 140	12.0 16.0	6.0 6.0	2.8	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3584		Spotted Gum	140		140	15.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Bull Oak	170		170	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii		175	170	244	15.0	8.0	2.9	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3587 3588		Spotted Gum Narrow-leaved Ironbark	230 240		230 240	17.0 17.0	8.0 4.0	2.8 2.9	Regular Regular	-	-	-	- Die-back	- Epicormic	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3589	/'	Spotted Gum	150		150	14.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3590	Corymbia citriodora	Spotted Gum	150		150	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
3591		Spotted Gum	190		190	16.0	4.0	2.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3592 3593		Bull Oak Hickory Wattle	170 220		170 220	10.0 11.0	3.0 6.0	2.0 2.6	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
3594		Spotted Gum	145		145	15.0	3.0	2.0	Regular	-	_	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3595	Corymbia citriodora	Spotted Gum	170		170	15.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3596		Spotted Gum	180		180	16.0	6.0	2.2	Regular	-	-	-	-	-	-	Typical	-	1	-	-	Typical		-	-	-	-	Remove
3597 3598	,	Spotted Gum Spotted Gum	140 140		140 140	13.0 17.0	4.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3599	•	Spotted Gum	130		130	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Final status subject to
3600	Eucalyptus crebra	Narrow-leaved Ironbark	290		290	22.0	8.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3601		Narrow-leaved Ironbark	280	210	350	24.0	10.0	4.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3602 3603		Spotted Gum Narrow-leaved Ironbark	180 230	130	222	17.0 17.0	8.0 6.0	2.7 2.8	Regular Regular	-	-	-	-	-		Typical Typical	-	-	-	<u> </u>	Typical Typical		-	-	-	-	Retain Retain
3604		Bull Oak	110	100	149	10.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3605	Eucalyptus crebra	Narrow-leaved Ironbark	280		280	19.0	9.0	3.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3606		Bull Oak	150		150	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Final status subject to
3607 3608		Hickory Wattle Forest Red Gum	170 290		170 290	11.0 18.0	7.0 10.0	2.0 3.5	Regular Regular	-	-	-	- Die-back	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3609		Bull Oak	180		180	11.0	4.0	2.2	Regular	-	-	-	- DIG-DACK	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3610		Bull Oak	150		150	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Retain
3611		Narrow-leaved Ironbark	280		280	24.0	11.0	3.4	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Retain
3612		Spotted Gum	240		240	19.0	8.0	2.9	Regular	-	-	-	- Dio-back	- Enicormic	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3613 3614		Narrow-leaved Ironbark Spotted Gum	130 230		130 230	13.0 17.0	2.0 8.0	2.0	Regular Regular	-	-	-	Die-back -	Epicormic -	-	Poor Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3615	,	Narrow-leaved Ironbark	200		200	16.0	8.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
3616	Corymbia citriodora	Spotted Gum	130		130	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3617	,	Spotted Gum	160		160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3618 3619		Spotted Gum Spotted Gum	140 160		140 160	14.0 13.0	6.0	2.0	One-sided Regular	-	-	-	-	-	-	Typical Typical	- Major	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	,	Spotted Gum Spotted Gum	210	110	237	18.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	iviajor -	-	-	-	Typical		-	-	-	-	Remove
3020		-pacca dum	-17	110		10.0	J.0	2.0	gaiai			i .	ı	·	i	· , picui					. ypicui	L	1				

		Specim	en Details								Ca	nopy Cond	dition Deta	ails				Trunk	Condition	Details		Fau	na Details a	nd Habitat	Value		
		Specific	Jetans		[60							.cpy cont						Trank				Taul		Liubitat			
TreeID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-200	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Hollows	Nest	Termites	Habitat Value	Additional Notes
3621	Corymbia citriodora	Spotted Gum	110		110	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3622	Eucalyptus crebra	Narrow-leaved Ironbark	230		230	17.0	8.0	2.8	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Corymbia citriodora	Spotted Gum	130		130	12.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3624 3625	Corymbia citriodora Eucalyptus crebra	Spotted Gum Narrow-leaved Ironbark	240 210		240 210	14.0 14.0	6.0	2.9 2.5	Regular Regular	-	-	-	-	-	-	Typical Typical	- Minor	-	-		Typical Typical		-	-	-	-	Remove Remove
3626	Corymbia citriodora	Spotted Gum	100		100	12.0	3.0	2.0	Regular	_		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3627	Corymbia citriodora	Spotted Gum	300		300	23.0	9.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3628	Eucalyptus crebra	Narrow-leaved Ironbark	260		260	21.0	8.0	3.1	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus crebra	Narrow-leaved Ironbark	220		220	16.0	5.0	2.6	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3630	Corymbia citriodora	Spotted Gum	200		200	17.0	7.0	2.4	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3631 3632	Eucalyptus crebra Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	330 290		330 290	24.0 21.0	10.0 9.0	4.0 3.5	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
3633	Eucalyptus crebra	Narrow-leaved Ironbark	340		340	27.0	12.0	4.1	Regular	-		-	-	_	-	Typical	-	-	-		Typical		-	-	-	-	Remove
3634	Corymbia citriodora	Spotted Gum	190		190	21.0	6.0	2.3	Regular	-	-	-	-	-		Typical	-	-	-		Typical		-	-	-	-	Remove
3635	Corymbia citriodora	Spotted Gum	150		150	20.0	4.0	2.0	Regular	-	-	-	Die-back	-	-	Poor	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus crebra	Narrow-leaved Ironbark	220		220	21.0	7.0	2.6	Regular	-	-	-	-	-	-	Typical	- 7	-	-	-	Typical		-	-	-	-	Remove
3637	Corymbia citriodora	Spotted Gum	210	140	252	19.0	8.0	3.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3638 3639	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	110 100		110	13.0 11.0	2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3640	Corymbia citriodora	Spotted Gum	200		200	18.0	6.0	2.4	Regular	-		-	-	_	-	Typical	-	-	-		Typical		-	-	-	-	Remove
3641	Corymbia citriodora	Spotted Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3642	Corymbia citriodora	Spotted Gum	110		110	15.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Acacia disparrima	Hickory Wattle	160		160	10.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3644	Corymbia citriodora	Spotted Gum	120		120	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3645 3646	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 100		130	13.0 12.0	3.0 2.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3647	Corymbia citriodora	Spotted Gum	130		130	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3648	Corymbia citriodora	Spotted Gum	130		130	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3649	Eucalyptus crebra	Narrow-leaved Ironbark	560		560	25.0	16.0	6.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3650	Corymbia citriodora	Spotted Gum	140		140	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3651	Eucalyptus crebra	Narrow-leaved Ironbark	310		310	25.0	12.0	3.7	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3652 3653	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	130 130		130 130	14.0 14.0	6.0 4.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
	Eucalyptus crebra	Narrow-leaved Ironbark	200		200	17.0	6.0	2.4	One-sided	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3655	Corymbia citriodora	Spotted Gum	110		110	14.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3656	Eucalyptus tereticornis	Forest Red Gum	320		320	20.0	5.0	3.8	Regular	-	-	-	Die-back	Epicormic	-	Poor	-	-	Trunk Dmg	-	Typical		-	-	-	-	Remove
3657	Corymbia citriodora	Spotted Gum	150		150	14.0	8.0	2.0	Regular	-	-	-	-		-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3658 3659	Corymbia citriodora Corvmbia citriodora	Spotted Gum Spotted Gum	130 160		130 160	11.0 14.0	5.0 5.0	2.0	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
	,	Spotted Gum	300		300	21.0	11.0	3.6	Regular	-		-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3661	Corymbia citriodora	Spotted Gum	130		130	14.0	6.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3662	Corymbia citriodora	Spotted Gum	160		160	16.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3663	Corymbia citriodora	Spotted Gum	160		160	17.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus tereticornis	Forest Red Gum	110	120	110	11.0	2.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3665 3666	Eucalyptus crebra Eucalyptus crebra	Narrow-leaved Ironbark Narrow-leaved Ironbark	230 160	130	264 160	20.0 17.0	9.0 3.0	3.2 2.0	Regular Regular	-	-	-	- Die-back	- Epicormic	-	Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
3667		Spotted Gum	120		120	12.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3668	Corymbia citriodora	Spotted Gum	290		290	22.0	10.0	3.5	Regular	-	-	-	-	-	-	Typical	-	-	-		Typical		-	-	-	-	Remove
3669	Eucalyptus tereticornis	Forest Red Gum	220		220	19.0	6.0	2.6	Regular	-	-	-	-	-		Typical	-	-	-	-	Typical		-	-	-	-	Remove
3670		Bull Oak	160		160	14.0	5.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	Allocasuarina luehmannii Eucalyptus crebra	Bull Oak Narrow-leaved Ironbark	220 280		220 280	12.0 18.0	5.0 10.0	2.6 3.4	Regular One-sided	-	-	-	-	-	-	Typical Typical	-	-	-	-	Typical Typical		-	-	-	-	Remove Remove
		Narrow-leaved Ironbark	220		220	22.0	9.0	2.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	DEAD/STAG		350		350	16.0	2.0	4.2	Regular	-	-	-	-	-	-	Typical		-	-	-	Typical		Small	-	-	-	Remove
		Moreton Bay Ash	140		140	11.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Narrow-leaved Ironbark	350		350	27.0	9.0	4.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3677 3678	•	Spotted Gum	250 135	140	287 135	16.0 12.0	7.0 4.0	3.4 2.0	Regular Regular	-	-	-	-	-	-	Typical	Minor	-	-	-	Excellent		-	-	-	-	Remove Remove
	Eucalyptus crebra Corymbia citriodora	Narrow-leaved Ironbark Spotted Gum	270	150	309	22.0	12.0	3.7	Regular	-	-	-	-	-	 	Typical Typical	-	-	-		Typical Typical		-	-	-	-	Remove Remove
3680		Spotted Gum	300	150	300	25.0	12.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
_	Eucalyptus crebra	Narrow-leaved Ironbark	300		300	25.0	11.0	3.6	Regular	-	-	-	Die-back	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	190	130	230	18.0	10.0	2.8	Regular	-	-	-	-	-		Typical		-	-	-	Typical		-	-	-	-	Remove
	Eucalyptus crebra	Narrow-leaved Ironbark	280	250 210	430	19.0	9.0	5.2	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3684 3685	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	365 370	140	365 396	21.0 19.0	7.0	4.4 4.8	Regular	-	-	-	-	-	-	Typical	- Minor	-	-		Typical		-	-	-	-	Remove Remove
		Forest Red Gum	260	140	260	19.0	5.0	3.1	Regular Regular	-	-	- Thinning	- Die-back	- Epicormic		Typical Poor	-	-	-	-	Typical Typical		-	-	-	-	Remove
3687	Corymbia citriodora	Spotted Gum	185	85	204	17.0	7.0	2.4	Regular	-	-	-	-	-	-	Typical	Major	-	-	-	Typical		-	-	-	-	Remove
3688	Corymbia citriodora	Spotted Gum	100		100	12.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3689	Corymbia citriodora	Spotted Gum	275		275	18.0	6.0	3.3	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3690	Corymbia citriodora	Spotted Gum	300		300	21.0	8.0	3.6	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
3691 3692	Corymbia citriodora Corymbia citriodora	Spotted Gum Spotted Gum	260 260		260 260	20.0	7.0 4.0	3.1 3.1	Regular Regular	-	-	-	-	-	-	Typical Typical	-	-	-	<u> </u>	Typical Typical		-	-	-	-	Remove Remove
	Eucalyptus crebra	Narrow-leaved Ironbark	110	+	110	9.0	3.0	2.0	Regular	-	-	-	-	-	 -	Typical	-	-	-	-	Typical		-	-	-	-	Remove
		Spotted Gum	155		155	17.0	3.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical		-	-	-	-	Remove
	,							•						•		, i								•			

		Specim	en Details								Ca	anopy Con	dition Deta	ails				Trunk	Condition De	etails			Fauna	Details ar	nd Habitat	Value			
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Canopy Form	Spreading	Seeding	Thinning	Die-Back	Epicormic Growth	pəddoŋ	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termites	Habitat Value	Retention Status	Additional Notes
3695 F	Eucalyptus crebra	Narrow-leaved Ironbark	135		135	13.0	4.0	2.0	Regular	-	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	
3696	Corymbia citriodora	Spotted Gum	555		555	23.0	9.0	6.7	Regular	-	-	Thinning	Die-back	-	-	Typical	-	-	Trunk Dmg	-	Typical	-	-	-	-	-	-	Remove	

Grampian Drive, Deebing Heights – Precinct A

Environmental Pre-Start Checklist

Attachment 3 – Appointed Fauna Spotter Catcher Details



Permit

Section 200 of Nature Conservation (Animals) Regulation 2020

Rehabilitation Permit

This wildlife authority is issued under the following legislation: Nature Conservation (Animals) Regulation 2020.

Permit Valid from: WA0026789 17 September 2020 to 16 September 2023

number:

Activity: Spotter catcher activity

Role	Name		Registered a	address
Principal Holder:	Queensland F	auna Consultancy Pty Ltd	2 Sandalwoo SINNAMON QLD 4073 Australia	
Person In Charge:	Bryan Robinso	on		
Business name:			ABN/ACN	123090755
Activity local premises	ation/licensed	State of Queensland		,

Schedule

Family or Species or Schedule	Details	Category	Quantity	Unit
Schedule	Animals as per the Nature Conservation (Animals) Regulation 2020 Schedule 1	Live	As per condition	

Christian Retschlag Department of Environment and Science Delegate of the administering authority Nature Conservation Act 1992

Date issued: 17 September 2020

Enquiries: Wildlife Assessment Team

Email: wildlife@des.qld.gov.au Postal Address: PO Box 102, Toowoomba, QLD, 4350

Page 1 of 1 ABN 46 640 294 485



Legislative Requirements and Conditions

Legislative Requirements

- RPLR06 The Nature Conservation (Koala) Conservation Plan 2017 section 10 prescribes conditions concerning the manner in which koalas in particular areas of the State (Koala Districts A and B) are to be treated during the clearing of koala habitat trees. Please ensure you make yourself familiar with these requirements before operating under this permit.
- RPLR07 Activities carried out under this authority, unless otherwise authorised, apply to non-protected areas only.
- RPLR08 The permit holder must meet all requirements outlined in the Code of practice Care of Sick, Injured, Orphaned Protected Animals in Queensland, see www.des.qld.gov.au.

Conditions

- RPC00 This permit authorises the holder to take and release not more than 50 animals in total at any given time.
- RPC01 This permit authorises the holder, or a relevant person for the holder, to capture (such as trap, catch, net) a protected animal whose habitat is about to be destroyed by human activity.
- RPC02 This permit authorises the holder, or a relevant person for the holder, to take a protected animal whose habitat is about to be destroyed by human activity, other than a koala on a site in which koala habitat trees are being cleared.
- RPC03 All animals caught during this activity must be released into suitable habitat the same day as capture. However, if the animal is sick, injured or orphaned, it must be given to an appropriately licenced wildlife carer at the earliest possible time after capture.
- RPC04 It is the responsibility of the permit holder to ensure all reasonable measures are put in place to minimise the likelihood of injury and/or death to protected wildlife.
- RPC05 The permit holder must notify the department within 24 hours of taking possession of an animal (either dead or alive) that cannot be identified by the permit holder. If possible, the permit holder should take photos of the animal and provide them to the department.
- RPC06 Disturbance of flying-foxes in a flying-fox roost is not authorised under this permit. Please contact the department for further information.
- RPC07 A Wildlife data record detailing all interactions under this permit must be sent to the department within 10 business days after each 3 month period after the permit has been granted and upon expiry, and you must keep a copy for your records.

 If the approved data record form is not submitted a penalty may be given.
- RPM01 If a permit holder takes possession of an animal that is listed as extinct in the wild, an endangered animal or a special native animal, they must notify the department at the earliest possible time. The permit holder must ensure they abide by any directions given by a departmental officer and take such measures to ensure the best interest of the animal. If a permit holder takes possession of a vulnerable or near threatened animal, they must notify the department within 24 hours unless that possession is authorised by the permit.



Grampian Drive, Deebing Heights – Precinct AEnvironmental Pre-Start Checklist

Attachment 4 – Fauna Spotter Wildlife Protection and Management Plan

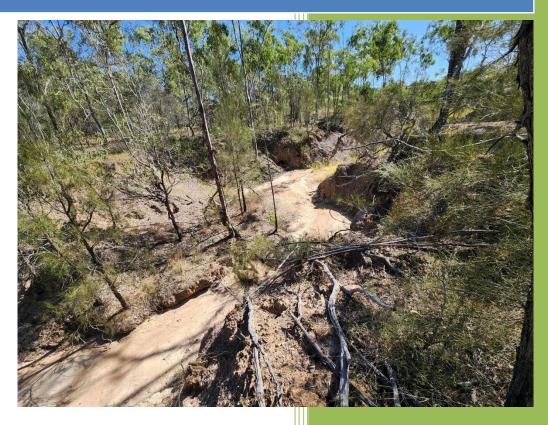






Fauna Spotter Catcher Pre-clearance Survey and Wildlife Protection & Management Plan

South Place – Grampian Drive Deebing Heights, Queensland Report prepared for Winslow



Report prepared by

QLD Fauna Consultancy Pty Ltd

Phone: (07) 3376 9780 Email: fauna@gfc.com.au

Date:	12/05/2023
Title:	Fauna Spotter Catcher Pre-clearance and Habitat Values Survey South Place – Grampian Drive, Deebing Heights, Queensland
Author/s:	Jasmine Zeleny, Bryan Robinson
Reviewed by:	Bryan Robinson
Field personnel:	Jasmine Zeleny
Status:	Final Report
Filed as:	QFC FHA WPMP Winslow Deebing Heights May 2023.doc

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1. Introduction

1.1 Project Background

Queensland Fauna Consultancy Pty Ltd has been engaged by Winslow to conduct a Fauna Spotter Catcher Pre-clearance and Habitat Values Survey and present a subsequent report South Place – Grampian Drive, Deebing Heights, Queensland. The site location is presented in Map 1.

The objective of this report is to summarise the existing fauna values present and assign mitigatory strategies applicable to probable species likely to be encountered during the clearing of identified habitats throughout or within specific localities of the site. Fauna species both common and of elevated conservation value have been considered within the parameters of onsite investigations and, where provided to QFC, include review of current fauna and floristic reports that may influence the assemblages expected to utilise the micro habitats evident within the site.

This review encompasses species identified under the provisions of the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 and the Queensland Nature Conservation Act 1992. Further consideration is given, where applicable, to species of iconic, cultural and/or regional significance identified under commonwealth, state or local planning instruments aimed at the persistence of biodiversity values within the area.

1.2 Project Location and Site Description

South Place is located on the eastern side of Grampian Drive, Deebing Heights, immediately south of the Centenary Highway and adjacent to Soho Drive, Deebing Heights. The total clearing area is approximately 20 hectares.

Existing features exhibit predominantly regrowth eucalypt woodland with eroded gullies and creeks. Dominant trees species include *Acacia* species, *Allocasuarina luehmannii, Eucalyptus tereticornis, E. siderophloia, E. crebra, E. melanophloia, Corymbia citriodora, C. tesselaris, Angophora leiocarpa, and Lophostemon suaveolens*. Understorey vegetation consists of grass, area of dense weed growth, and dense leaf litter.

Map 1: Project Location



Source: Adapted from Queensland Globe (2023)

1.3 Current Permits and Authorities

All activities conducted during the site investigations were implemented under the provisions of several permits issued to Queensland Fauna Consultancy Pty Ltd by the Department of Environment and Science (DES), and the Department of Agriculture and Fisheries (DAF). These permits and additional authorities are listed in Table 1.

Table 1: Current Permits and authorities issued to QFC

Permit/Authorisation	Permit Number	Expiry Date
Damage Mitigation Permit	WA0047114	31 st October 2025
Rehabilitation Permit	WA0026789	16th September 2023
Scientific Purposes Permit	WA0032325	3 rd March 2026
Scientific User Registration	Registration Number 589	27 th February 2025
Animal Ethics	CA 2022/01/1569	27 th February 2025
General Fisheries Permit	262922	10 th May 2026

These permits and approvals enable QFC to conduct the investigation, observation and relocation of protected animals exposed to disturbance due to infrastructure expansion resulting in the destruction of natural and artificial habitats.

2. Methodology

A site inspection was carried out on the 2nd and 10th of May 2023 by Qld Fauna Consultancy. A standard set of observational techniques aimed at maximising the detection of fauna and the probable habitats they may occupy were employed to ascertain and identify the current fauna values throughout the project area. Where species of elevated conservation significance where foreseen as potentially present targeted searches were instigated to further evaluate individual species habitat.

Due to the habitat variability expressed across the development site the composition of investigations may include a range of features that entail specific components indicative of the presence of particular species or faunal groups. This may include where evident, observation of activity or signs of both historical and current use.

These may include but are not limited to the following:

- Identification of terrestrial microhabitats such as ground hollows, rock, burrows, leaf litter, stands of heavy vegetation, fallen branches and bark exfoliations;
- Identification of arboreal micro habitats including basal, trunk and limb hollows, tree fissures, bark exfoliates and arboreal termitaria;
- Identification of constructed arboreal micro habitats including bird nests and Ringtail Possum dreys;
- Artificial habitats including, but not limited to ornamental gardens, discarded rubbish, human dwellings and other infrastructure;
- Observation and investigation of aquatic habitats including dams, soaks, creeks, rivers and seasonally inundated vegetation communities. Artificial aquatic habitats may include constructed drains and culverts. Further components of interest include bank profiles and undercuts, submerged and/or exposed timber and rock, immediate aquatic and riparian vegetation, surfacing animals, nesting and/or feeding birds;
- Direct observation of active or exposed fauna within terrestrial, aquatic and arboreal habitats;
- Identification of scats, tracks and scratchings to determine fauna potentially present or to have historically utilised the site for either transient or longer-term life history purposes.

2.1 Specific methodology for Koalas *Phascolarctos cinereus*

Due to specific requirements and the cryptic nature of the Koala the following techniques were employed to assist in ascertaining the current and historical presence/absence status of the species at the site:

- Use of binoculars to inspect the crown, forks and trunk of trees for individuals currently occupying the site;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas.

3. Findings

The findings endeavor to demarcate the existing habitat profiles and the features present into three distinct groups: terrestrial, arboreal and aquatic. All habitat features present onsite are noted, however it is probable additional features will be present with these being accounted for during the Fauna Spotter Catcher process to be applied to all vegetation clearing across the site.

3.1 Terrestrial Habitat Features

The terrestrial fauna values of the site consist of different components and microhabitat features. This includes an open low-level understorey with sections exhibiting dense cover provided by grass (Figure 1 and Figure 2) and weed species such as Lantana Lantana camara (Figure 3), Mother-of-millions Bryophyllum delagoense (Figure 4) and Creeping Lantana Lantana montevidensis (Figure 5). Dense leaf litter and basal bark exfoliations (Figure 6 to Figure 9) also feature on site, being present in abundance and at variable depths, providing refugial opportunities and microhabitat connectivity that can be exploited by many different native terrestrial vertebrate and invertebrate species.

The site is also exhibitive of scattered woody debris, hollow logs, rocks, and artificial debris (Figure 10 to Figure 18), providing refugial and foraging opportunities, and a contributory factor to the provision of a variety of thermal and moisture gradients that can be exploited by a number of different native terrestrial vertebrate and invertebrate species.

Terrestrial termite mounds feature heavily onsite (Figure 19 to Figure 21), with numerous mounds displaying excavations typical of the Short-beaked Echidna *Tachyglossus aculeatus* (Figure 22 to Figure 24). These excavated mounds also provide refugial opportunities for reptiles, amphibians, and small mammals.

Mammal assemblages may comprise both native and introduced species. Macropod presence within the clearance zone was indicated by scat and tracks (Figure 25 and Figure 26), as well as several sightings of Red-necked Wallabies *Notamacropus rufogriseus*. Other native mammals which may occur on site include the Northern Brown Bandicoot *Isoodon macrourus* which may be present in localities with significant vegetative ground cover.

These features collectively contribute to the potential presence of a variety of native fauna species utilising the area for refugial, foraging and other resources. A comprehensive list of fauna species recorded in the region can be viewed in Appendix C.

GPS coordinates for all indicative terrestrial habitat features are shown in Table 2. Localities for identified terrestrial habitat features are presented in Map 2.

Table 2: Localities for identified terrestrial habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Artificial Debris	-27.6826337,152.7594845
2	Hollow Log	-27.6845519,152.7598932
3	Hollow Log	-27.684141,152.7596053
4	Hollow Log	-27.6839488,152.7595648
5	Hollow Log	-27.6836789,152.7593414
6	Hollow Log	-27.6836093,152.7594461
7	Hollow Log	-27.6841502,152.7607599
8	Hollow Log	-27.6814516,152.75943
9	Hollow Log	-27.6811891,152.7595781
10	Hollow Log	-27.6814549,152.7610247
11	Hollow Log	-27.6812669,152.7606495
12	Hollow Log	-27.6812643,152.7606511
13	Hollow Log	-27.6811897,152.7605825
14	Hollow Log	-27.6818793,152.762211
15	Terrestrial Termitaria	-27.685164,152.7602135
16	Terrestrial Termitaria	-27.6847873,152.7600276
17	Terrestrial Termitaria	-27.684645,152.7599095
18	Terrestrial Termitaria	-27.6845124,152.7598452
19	Terrestrial Termitaria	-27.684631,152.7597476
20	Terrestrial Termitaria	-27.6845641,152.7599013
21	Terrestrial Termitaria	-27.6845589,152.7599172
22	Terrestrial Termitaria	-27.6845518,152.759887
23	Terrestrial Termitaria x 6	-27.6843644,152.7597834
24	Terrestrial Termitaria	-27.6841847,152.7595412
25	Terrestrial Termitaria	-27.6838569,152.7594522
26	Terrestrial Termitaria	-27.6838577,152.7593398

27	Terrestrial Termitaria	-27.6836501,152.7592816
28	Terrestrial Termitaria	-27.6835504,152.7594228
29	Terrestrial Termitaria	-27.68371,152.758988
30	Terrestrial Termitaria	-27.6835644,152.7590399
31	Terrestrial Termitaria	-27.6835204,152.7588891
32	Terrestrial Termitaria	-27.6833197,152.7589216
33	Terrestrial Termitaria	-27.6833576,152.7590662
34	Terrestrial Termitaria x 2	-27.6832435,152.7589933
35	Terrestrial Termitaria	-27.6831383,152.7590886
36	Terrestrial Termitaria	-27.6832974,152.7586998
37	Terrestrial Termitaria	-27.6826934,152.7587021
38	Terrestrial Termitaria	-27.68269,152.7586952
39	Terrestrial Termitaria	-27.6822713,152.7587247
40	Terrestrial Termitaria	-27.6823369,152.7586911
41	Terrestrial Termitaria	-27.682213,152.7586563
42	Terrestrial Termitaria	-27.6832794,152.759325
43	Terrestrial Termitaria	-27.6833215,152.7592001
44	Terrestrial Termitaria	-27.6832841,152.7593212
45	Terrestrial Termitaria	-27.6835225,152.7598438
46	Terrestrial Termitaria	-27.6836017,152.759636
47	Terrestrial Termitaria	-27.6838834,152.7599074
48	Terrestrial Termitaria	-27.6839206,152.7598686
49	Terrestrial Termitaria	-27.6839644,152.7600389
50	Terrestrial Termitaria	-27.6841231,152.7599404
51	Terrestrial Termitaria	-27.6840672,152.7602328
52	Terrestrial Termitaria	-27.6841503,152.760759
53	Terrestrial Termitaria	-27.6846792,152.7604562
54	Terrestrial Termitaria	-27.68475,152.7604175
55	Terrestrial Termitaria	-27.6848146,152.7608149

56	Terrestrial Termitaria	-27.6845897,152.7610559
57	Terrestrial Termitaria	-27.6843905,152.7610505
58	Terrestrial Termitaria	-27.6841394,152.7608067
59	Terrestrial Termitaria	-27.6839801,152.7607996
60	Terrestrial Termitaria	-27.6838306,152.7606353
61	Terrestrial Termitaria	-27.6837324,152.7606863
62	Terrestrial Termitaria	-27.6837337,152.7606367
63	Terrestrial Termitaria	-27.6835646,152.7606604
64	Terrestrial Termitaria	-27.6833776,152.7602441
65	Terrestrial Termitaria	-27.6832323,152.7602948
66	Terrestrial Termitaria	-27.683131,152.759881
67	Terrestrial Termitaria	-27.683525,152.7598315
68	Terrestrial Termitaria	-27.6830795,152.7602499
69	Terrestrial Termitaria	-27.6830583,152.7601438
70	Terrestrial Termitaria	-27.6830112,152.7598333
71	Terrestrial Termitaria	-27.6826994,152.7593915
72	Terrestrial Termitaria	-27.6821407,152.7593677
73	Terrestrial Termitaria	-27.6821388,152.7593659
74	Terrestrial Termitaria	-27.6816211,152.7594572
75	Terrestrial Termitaria	-27.6811419,152.7596296
76	Terrestrial Termitaria	-27.682767,152.7604293
77	Terrestrial Termitaria	-27.6827849,152.7605773
78	Terrestrial Termitaria	-27.6828356,152.7606256
79	Terrestrial Termitaria	-27.6830544,152.7606388
80	Terrestrial Termitaria	-27.6831245,152.760682
81	Terrestrial Termitaria	-27.6831969,152.7607816
82	Terrestrial Termitaria x 3	-27.6843523,152.7614285
83	Terrestrial Termitaria	-27.6840684,152.7615228
84	Terrestrial Termitaria	-27.6839861,152.7612055

85	Terrestrial Termitaria	-27.6840751,152.7611506
86	Terrestrial Termitaria	-27.6837233,152.7612971
87	Terrestrial Termitaria	-27.6835709,152.7612498
88	Terrestrial Termitaria	-27.6834302,152.7611017
89	Terrestrial Termitaria x 4	-27.6833638,152.760929
90	Terrestrial Termitaria x 2	-27.6832577,152.7611186
91	Terrestrial Termitaria	-27.6831432,152.7611326
92	Terrestrial Termitaria	-27.6829597,152.760963
93	Terrestrial Termitaria	-27.6825466,152.7607853
94	Terrestrial Termitaria	-27.6823374,152.7605411
95	Terrestrial Termitaria	-27.6823231,152.7603157
96	Terrestrial Termitaria	-27.6818335,152.7603236
97	Terrestrial Termitaria	-27.6816967,152.7601429
98	Terrestrial Termitaria	-27.6811166,152.7600922
99	Terrestrial Termitaria x 2	-27.6810229,152.7600441
100	Terrestrial Termitaria	-27.6810455,152.7601961
101	Terrestrial Termitaria	-27.6809221,152.760348
102	Terrestrial Termitaria	-27.6811552,152.7603665
103	Terrestrial Termitaria	-27.682464,152.7611111
104	Terrestrial Termitaria	-27.6828935,152.7612888
105	Terrestrial Termitaria	-27.6831812,152.7613633
106	Terrestrial Termitaria	-27.6833716,152.7614548
107	Terrestrial Termitaria	-27.6833846,152.761458
108	Terrestrial Termitaria	-27.6837942,152.7614217
109	Terrestrial Termitaria	-27.6840815,152.7615485
110	Terrestrial Termitaria	-27.684322,152.7617424
111	Terrestrial Termitaria	-27.6840856,152.7619281
112	Terrestrial Termitaria	-27.6839458,152.7618982
113	Terrestrial Termitaria	-27.6838559,152.7618364

114	Terrestrial Termitaria	-27.6837755,152.7617683
115	Terrestrial Termitaria	-27.6837661,152.7617501
116	Terrestrial Termitaria	-27.6836697,152.7617185
117	Terrestrial Termitaria	-27.6834422,152.7615731
118	Terrestrial Termitaria x 2	-27.6836254,152.7622581
119	Terrestrial Termitaria	-27.6838464,152.7623167
120	Terrestrial Termitaria	-27.683845,152.7620707
121	Terrestrial Termitaria	-27.6834641,152.7618973
122	Terrestrial Termitaria x 3	-27.6831061,152.761794
123	Terrestrial Termitaria x 2	-27.6826623,152.7615513
124	Terrestrial Termitaria	-27.6826623,152.761551
125	Terrestrial Termitaria	-27.681613,152.7613979
126	Terrestrial Termitaria	-27.6816184,152.7613465
127	Terrestrial Termitaria x 2	-27.6811864,152.7605858
128	Terrestrial Termitaria	-27.6812088,152.7610814
129	Terrestrial Termitaria	-27.6814676,152.7612844
130	Terrestrial Termitaria	-27.683428,152.7623671
131	Terrestrial Termitaria x 2	-27.6833398,152.7622827
132	Terrestrial Termitaria x 2	-27.6832744,152.762142
133	Terrestrial Termitaria x 2	-27.683468,152.7620421
134	Terrestrial Termitaria	-27.6834824,152.7618857
135	Terrestrial Termitaria	-27.6834867,152.7618687
136	Terrestrial Termitaria	-27.6829591,152.7618998
137	Terrestrial Termitaria	-27.6829604,152.7619134
138	Terrestrial Termitaria	-27.682767,152.7617414
139	Terrestrial Termitaria x 2	-27.6826816,152.7615291
140	Terrestrial Termitaria	-27.6829126,152.761373
141	Terrestrial Termitaria	-27.6826222,152.7615127
142	Terrestrial Termitaria	-27.6826242,152.7615194

143	Terrestrial Termitaria x 2	-27.682626,152.761526
144	Terrestrial Termitaria	-27.682082,152.7615891
145	Terrestrial Termitaria	-27.6809788,152.7619005
146	Terrestrial Termitaria	-27.6809729,152.7619059
147	Terrestrial Termitaria	-27.6809243,152.7619087
148	Terrestrial Termitaria	-27.6814247,152.7617403
149	Terrestrial Termitaria	-27.6815056,152.7617245
150	Terrestrial Termitaria	-27.6817775,152.7609404
151	Terrestrial Termitaria	-27.6819691,152.7615867
152	Terrestrial Termitaria	-27.6821934,152.7621501
153	Terrestrial Termitaria	-27.6820815,152.762315
154	Terrestrial Termitaria	-27.6818003,152.7621432
155	Terrestrial Termitaria	-27.6817071,152.7622452
156	Terrestrial Termitaria	-27.6814274,152.7621514
157	Terrestrial Termitaria	-27.6813192,152.762298
158	Terrestrial Termitaria	-27.6818363,152.7621225
159	Terrestrial Termitaria	-27.6826479,152.7622348
160	Terrestrial Termitaria x 2	-27.6825255,152.7619286
161	Terrestrial Termitaria	-27.6827456,152.7617499
162	Terrestrial Termitaria	-27.6832413,152.7621472
163	Terrestrial Termitaria	-27.6832869,152.7622105
164	Terrestrial Termitaria	-27.6832236,152.7622874
165	Terrestrial Termitaria	-27.6832668,152.7625952
166	Terrestrial Termitaria	-27.6834864,152.7625162
167	Terrestrial Termitaria x 3	-27.6833805,152.7622893
168	Terrestrial Termitaria	-27.6834479,152.7624817
169	Terrestrial Termitaria	-27.683254,152.7626128
170	Terrestrial Termitaria	-27.6834298,152.762855
171	Terrestrial Termitaria	-27.683616,152.7628345
		·

172	Terrestrial Termitaria	-27.6832112,152.7631666
173	Terrestrial Termitaria	-27.6825262,152.762686
174	Terrestrial Termitaria	-27.6818237,152.7627118
175	Terrestrial Termitaria	-27.6823785,152.7633421
176	Terrestrial Termitaria	-27.6824541,152.7636156
177	Terrestrial Termitaria	-27.6828542,152.7635783
178	Terrestrial Termitaria	-27.6828412,152.7634716
179	Terrestrial Termitaria	-27.6824521,152.7636258
180	Terrestrial Termitaria	-27.682678,152.7638836
181	Terrestrial Termitaria	-27.6828026,152.7638646
182	Terrestrial Termitaria	-27.6828535,152.7639097
183	Terrestrial Termitaria	-27.6828244,152.7640146
184	Terrestrial Termitaria	-27.6827105,152.7641177
185	Terrestrial Termitaria	-27.682448,152.7636344
186	Terrestrial Termitaria	-27.6822757,152.763495
187	Terrestrial Termitaria	-27.6818074,152.763229
188	Terrestrial Termitaria	-27.6818028,152.7632315
189	Terrestrial Termitaria	-27.6817707,152.7632248
190	Terrestrial Termitaria	-27.6817014,152.7628664
191	Terrestrial Termitaria	-27.6816629,152.7631303
192	Terrestrial Termitaria	-27.6810112,152.7632041
193	Terrestrial Termitaria	-27.6810929,152.763338
194	Terrestrial Termitaria	-27.6812193,152.7637462
195	Terrestrial Termitaria	-27.681764,152.7638025
196	Terrestrial Termitaria	-27.6822447,152.7638755
197	Terrestrial Termitaria	-27.6822819,152.7639382
198	Terrestrial Termitaria	-27.6822771,152.764062
199	Terrestrial Termitaria	-27.6823257,152.7641347
200	Terrestrial Termitaria	-27.6821712,152.7641084

201	Terrestrial Termitaria	-27.6822271,152.7642165
202	Terrestrial Termitaria	-27.6824392,152.7646321
203	Terrestrial Termitaria	-27.6822186,152.7645572
204	Terrestrial Termitaria	-27.681632,152.7644848
205	Terrestrial Termitaria	-27.6814206,152.7645007
206	Terrestrial Termitaria	-27.6816539,152.7644952
207	Terrestrial Termitaria	-27.6813955,152.7644715
208	Terrestrial Termitaria	-27.6817731,152.7645825
209	Terrestrial Termitaria x 2	-27.6820065,152.7649369
210	Terrestrial Termitaria	-27.682267,152.7649597
211	Woody Debris	-27.6850211,152.7602006
212	Woody Debris	-27.6847635,152.7598288
213	Woody Debris	-27.6843567,152.7597354
214	Woody Debris	-27.6839626,152.7594679
215	Woody Debris	-27.6838577,152.7593398
216	Woody Debris	-27.6838599,152.7593328
217	Woody Debris	-27.6832105,152.7590749
218	Woody Debris	-27.6831392,152.7589408
219	Woody Debris	-27.6830395,152.7587378
220	Woody Debris	-27.6827997,152.7589079
221	Woody Debris	-27.6827785,152.7589085
222	Woody Debris	-27.6826914,152.7586956
223	Woody Debris	-27.6826496,152.7586026
224	Woody Debris	-27.6821035,152.7587774
225	Woody Debris	-27.6825426,152.7589074
226	Woody Debris	-27.682555,152.7589054
227	Woody Debris	-27.6827407,152.7591105
228	Woody Debris	-27.6829839,152.7592256
229	Woody Debris	-27.6831892,152.7592495

230	Woody Debris	-27.6833545,152.7594546
231	Woody Debris	-27.6833835,152.759768
232	Woody Debris	-27.6835411,152.75972
233	Woody Debris	-27.6837159,152.7598098
234	Woody Debris	-27.684043,152.7599851
235	Woody Debris	-27.6840685,152.7601065
236	Woody Debris	-27.6841063,152.7606873
237	Woody Debris	-27.6842303,152.7608105
238	Woody Debris	-27.6843886,152.7610501
239	Woody Debris	-27.684274,152.7610342
240	Woody Debris	-27.6839801,152.7607984
241	Woody Debris	-27.6838394,152.7606078
242	Woody Debris	-27.6834712,152.7605577
243	Woody Debris	-27.6832746,152.7600219
244	Woody Debris	-27.6831214,152.7602218
245	Woody Debris	-27.6833182,152.7598865
246	Woody Debris	-27.6834199,152.7598493
247	Woody Debris	-27.6830702,152.760234
248	Woody Debris	-27.6830212,152.7598245
249	Woody Debris	-27.6827455,152.759686
250	Woody Debris	-27.6826951,152.7593899
251	Woody Debris	-27.681487,152.7594464
252	Woody Debris	-27.6814674,152.7594442
253	Woody Debris	-27.6827413,152.7597691
254	Woody Debris	-27.6826872,152.7601862
255	Woody Debris	-27.6828032,152.7602647
256	Woody Debris	-27.6828287,152.7604988
257	Woody Debris	-27.6831231,152.7606837
258	Woody Debris	-27.6842741,152.7615758

259	Woody Debris	-27.6841545,152.7614129
260	Woody Debris	-27.6837887,152.7612318
261	Woody Debris	-27.6837653,152.7611389
262	Woody Debris	-27.6837682,152.761149
263	Woody Debris	-27.6831368,152.7611326
264	Woody Debris	-27.6823251,152.7603141
265	Woody Debris	-27.6821948,152.7604675
266	Woody Debris	-27.6811504,152.7603677
267	Woody Debris	-27.681708,152.7604672
268	Woody Debris	-27.6819933,152.7606586
269	Woody Debris	-27.6824997,152.7612048
270	Woody Debris	-27.6829768,152.7612229
271	Woody Debris	-27.6840699,152.7618915
272	Woody Debris	-27.683106,152.7617949
273	Woody Debris	-27.68128,152.7608445
274	Woody Debris	-27.6831002,152.7617644
275	Woody Debris	-27.6826261,152.7615183
276	Woody Debris	-27.6823832,152.7613493
277	Woody Debris	-27.6823925,152.7613729
278	Woody Debris	-27.6820536,152.7617111
279	Woody Debris	-27.6809412,152.7614546
280	Woody Debris	-27.6809516,152.7617846
281	Woody Debris	-27.6813261,152.7616337
282	Woody Debris	-27.6814413,152.7616044
283	Woody Debris	-27.681703,152.7610901
284	Woody Debris	-27.6820741,152.7617175
285	Woody Debris	-27.6821341,152.7618669
286	Woody Debris	-27.6821961,152.7621414
287	Woody Debris	-27.6820341,152.7624059

288	Woody Debris	-27.6814787,152.7621007
289	Woody Debris	-27.6818829,152.7627085
290	Woody Debris	-27.68234,152.7629237
291	Woody Debris	-27.6817661,152.7630312
292	Woody Debris	-27.6816981,152.7628626
293	Woody Debris	-27.6816015,152.763353
294	Woody Debris	-27.6813012,152.7632953
295	Woody Debris	-27.6812056,152.7634278
296	Woody Debris	-27.6812807,152.7633302
297	Woody Debris	-27.6811417,152.7637152
298	Woody Debris	-27.6817809,152.7637402
299	Woody Debris	-27.6817828,152.7637375
300	Woody Debris	-27.6823389,152.7638772
301	Woody Debris	-27.6821645,152.7641091
302	Woody Debris	-27.681732,152.7643072
303	Woody Debris	-27.6815939,152.7643759
304	Woody Debris	-27.6812444,152.7643444
305	Woody Debris	-27.6812628,152.7641228
306	Woody Debris	-27.6813137,152.7640782
307	Woody Debris	-27.681371,152.7640211
308	Woody Debris	-27.6813857,152.7639585
309	Woody Debris	-27.6815101,152.7638541
310	Woody Debris	-27.681687,152.7646191
311	Woody Debris	-27.6817289,152.7646509
312	Woody Debris	-27.6817447,152.7646239
313	Woody Debris	-27.6821253,152.7650037



Figure 1: Dense grass



Figure 2: Dense grass



Figure 3: Lantana Lantana caamara



Figure 4: Mother-of-millions Bryophyllum delagoense



Figure 5: Creeping Lantana Lantana montevidensis



Figure 6: Dense leaf litter



Figure 7: Bark exfoliations



Figure 8: Bark exfoliations



Figure 9: Bark exfoliations



Figure 10: Woody debris



Figure 11: Woody debris



Figure 12: Woody debris



Figure 13: Woody debris



Figure 14: Hollow log



Figure 15: Hollow log



Figure 16: Hollow log



Figure 17: Hollow log



Figure 18: Rocks



Figure 19: Terrestrial termitaria



Figure 20: Terrestrial termitaria



Figure 21: Terrestrial termitaria



Figure 22: Terrestrial termitaria with excavation



Figure 23: Terrestrial termitaria with excavation



Figure 24: Terrestrial termitaria with excavations







Figure 26: Macropod tracks

3.2 Arboreal Habitat Features

The majority of the clearance area consists predominantly of regrowth Eucalypt and Acacia woodland (Figure 27 to Figure 32) consisting of trees of varying height, species and density suitable for feeding and nesting resources. The intermittent contiguous canopy structure within the vegetation represented may be facilitative of arboreal progression for species such as Common Brushtail Possum *Trichosurus vulpecula*, Common Ringtail Possum *Pseudocheirus peregrinus* and Squirrel Glider *Petaurus norfolcensis* (Figure 33).

Hollow-bearing trees, stag trees, fissures, and hollow tree stumps are present in the clearance area (Figure 34 to Figure 47), which may provide habitat opportunities for arboreal mammals, reptiles, and birds. Exfoliating bark on tree trunks may provide refugial opportunities for reptile species including skinks and geckos (Figure 48 to Figure 50).

Arboreal termite mounds are also present across the site (Figure 51 and Figure 52), with numerous mounds exhibiting excavations (Figure 53 to Figure 56). A number of suitable mounds were located with the potential for use as egg deposition and incubation sites by species such as the Lace Monitor *Varanus varius*, Laughing Kookaburra *Dacelo novaeguineae*, and Sacred Kingfisher *Todiramphus sanctus*. Mammals have also been known to utilise these features for shelter where hollows are not readily available.

Five avian stick nests were located during the inspection but did not appear active at the time of the survey (Figure 57 to Figure 60). However, further inspections are recommended immediately prior to clearing commencement. A number of avian species were observed utilising the site at the time of the inspection (foraging or perching) (Figure 61), these species are presented in Table 4.

No Possum dreys were located during the inspection, however, the dense vegetation structure in some areas may have concealed visibility and further inspections are recommended immediately prior to clearing commencement. Possum activity was evident in the form of scratchings on several tree trunks (Figure 62).

GPS coordinates for all indicative arboreal habitat features are shown in Table 3. Localities for identified arboreal habitat features are presented in Map 2.

Primary and secondary Koala food trees located in the clearance area and include *Eucalyptus tereticornis, E. siderophloia, E. crebra, E. melanophloia, Corymbia citriodora, C. tesselaris, Angophora leiocarpa, and L. suaveolens*. However, no evidence was observed to indicate recent use of these trees by koalas. No koala scats were found during 'drip zone' searches and characteristic scratchings were not found during trunk investigations. A Koala habitat values map for the clearance area is presented in Appendix A.

Table 3: Localities for identified arboreal habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Arboreal Termitaria	-27.6847565,152.7603389
2	Arboreal Termitaria	-27.6839275,152.7608828
3	Arboreal Termitaria	-27.6812246,152.7597773
4	Arboreal Termitaria	-27.6840939,152.7611483
5	Arboreal Termitaria	-27.6823148,152.7603896
6	Arboreal Termitaria	-27.6821742,152.7605149
7	Arboreal Termitaria	-27.6841627,152.7620358
8	Arboreal Termitaria	-27.6829413,152.7619631
9	Arboreal Termitaria	-27.6821888,152.7634312
10	Arboreal Termitaria	-27.6812703,152.7633313
11	Arboreal Termitaria	-27.6820904,152.7639018
12	Arboreal Termitaria	-27.6819883,152.7641612
13	Arboreal Termitaria	-27.681403,152.7641436
14	Arboreal Termitaria	-27.6818438,152.7640439
15	Arboreal Termitaria	-27.682148,152.7653747
16	Arboreal Termitaria (with excavation)	-27.6843524,152.7607078
17	Arboreal Termitaria (with excavation)	-27.6835615,152.7606852
18	Arboreal Termitaria (with excavation)	-27.681788,152.759227
19	Arboreal Termitaria (with excavation)	-27.6827494,152.7597427
20	Arboreal Termitaria (with excavation)	-27.6814631,152.7604948
21	Arboreal Termitaria (with excavation)	-27.6823542,152.7624112
22	Arboreal Termitaria (with excavation)	-27.6811069,152.7634621
23	Arboreal Termitaria (with excavation)	-27.6814505,152.7637142
24	Bird Nest	-27.6841817,152.7595882
25	Bird Nest	-27.684207,152.7593902
26	Bird Nest	-27.6836758,152.7592535

27	Bird Nest	-27.6830901,152.7604621
28	Bird Nest	-27.6826317,152.7612244
29	Dead Stag	-27.6852278,152.7602137
30	Dead Stag	-27.6836814,152.759348
31	Dead Stag	-27.6834277,152.7588816
32	Dead Stag	-27.6834309,152.7588833
33	Dead Stag	-27.6836265,152.7597142
34	Dead Stag	-27.6840847,152.7603892
35	Dead Stag	-27.6847525,152.7603304
36	Dead Stag	-27.6840211,152.7607652
37	Dead Stag	-27.6830911,152.7600478
38	Dead Stag	-27.6830264,152.7597091
39	Dead Stag	-27.6821604,152.7593296
40	Dead Stag	-27.6819808,152.7593668
41	Dead Stag	-27.6839851,152.7612063
42	Dead Stag	-27.6840823,152.7611539
43	Dead Stag	-27.6816773,152.7601222
44	Dead Stag	-27.6813182,152.7604887
45	Dead Stag	-27.683846,152.7623162
46	Dead Stag	-27.6811988,152.7612004
47	Dead Stag	-27.6818943,152.7619879
48	Dead Stag	-27.6818429,152.7620401
49	Dead Stag	-27.6810636,152.7611882
50	Dead Stag	-27.6809602,152.7611161
51	Dead Stag	-27.6809878, 152.7610627
52	Dead Stag	-27.681876,152.7610993
53	Dead Stag x 2	-27.6820077,152.7615421
54	Dead Stag	-27.6820871,152.7617276
55	Dead Stag	-27.681707,152.7622452

	-	
56	Dead Stag	-27.681256,152.7623593
57	Dead Stag	-27.6823737,152.7622166
58	Dead Stag	-27.6823538,152.7625545
59	Dead Stag	-27.682059,152.7629005
60	Dead Stag	-27.6820918,152.7628679
61	Dead Stag	-27.682161,152.7628258
62	Dead Stag	-27.682714,152.7639456
63	Dead Stag	-27.6821155,152.76334
64	Dead Stag	-27.6812695,152.7641386
65	Dead Stag	-27.682031,152.7648196
66	Dead Stag	-27.6821531,152.7650228
67	Fissure	-27.6838595,152.7593327
68	Fissure	-27.6834146,152.7588923
69	Fissure	-27.6838298,152.7599147
70	Fissure	-27.6838303,152.7599151
71	Fissure	-27.6846068,152.7606109
72	Fissure	-27.684083,152.7614172
73	Fissure	-27.6813207,152.7605062
74	Fissure	-27.6809574,152.7618501
75	Hollow Bearing Tree	-27.6839869,152.7595433
76	Hollow Bearing Tree	-27.6832739,152.7594861
77	Hollow Bearing Tree	-27.6820926,152.7623207
78	Hollow Bearing Tree	-27.6821103,152.763337
79	Hollow Bearing Tree	-27.6817542,152.764633
80	Hollow Bearing Tree	-27.6823613, 152.7652302
81	Hollow Stump	-27.6847416,152.7599656
82	Hollow Stump	-27.6823028,152.7586263
83	Hollow Stump	-27.6821421,152.7590797
84	Hollow Stump	-27.6824511,152.7589179
	•	

85	Hollow Stump	-27.6833574,152.7594541
86	Hollow Stump	-27.6829745,152.7598017
87	Hollow Stump	-27.681429,152.7594059
88	Hollow Stump	-27.6817061,152.7595541
89	Hollow Stump	-27.6827228,152.7597332
90	Hollow Stump	-27.682207,152.7605244
91	Hollow Stump	-27.6811103,152.7600865
92	Hollow Stump	-27.6810966,152.761801
93	Hollow Stump	-27.6811906,152.7616263
94	Hollow Stump	-27.6821793,152.7628403
95	Hollow Stump	-27.6819736,152.7628038
96	Hollow Stump	-27.6812851,152.7637076



Figure 27: Site overview



Figure 28: Site overview



Figure 29: Site overview



Figure 30: Site overview



Figure 31: Site overview



Figure 32: Site overview



Figure 33: Contiguous canopy



Figure 34: Hollow-bearing tree



Figure 35: Hollow-bearing tree



Figure 36: Hollow-bearing tree



Figure 37: Stag tree



Figure 38: Stag tree



Figure 39: Stag tree



Figure 40: Stag tree



Figure 41: Stag tree



Figure 42: Fissure



Figure 43: Fissure



Figure 44: Fissure



Figure 45: Fissure



Figure 46: Hollow stump



Figure 47: Hollow stump



Figure 48: Exfoliating bark



Figure 49 Exfoliating bark



Figure 50: Exfoliating bark



Figure 51: Arboreal termitaria



Figure 52: Arboreal termitaria



Figure 53: Arboreal termitaria with excavation



Figure 54: Arboreal termitaria with excavation



Figure 55: Arboreal termitaria with excavation



Figure 56: Arboreal termitaria with excavations



Figure 57: Bird nest



Figure 58: Bird nest



Figure 59: Bird nest



Figure 60: Bird nest



Figure 61: Australian Boobook Ninox boobook



Figure 62: Possum scratchings

Table 4: Arboreal Fauna Species Observed

Numekan		Conservation Status	
Number	Common Name and Scientific Name	NCA	ЕРВС
1	Australian Magpie Cracticus tibicen	Least Concern	Not Listed
2	Noisy Miner Manorina melanocephala	Least Concern	Not Listed
3	Torresian Crow Corvus orru	Least Concern	Not Listed
4	Brown Honeyeater <i>Lichmera indistincta</i>	Least Concern	Not Listed
5	White-throated Honeyeater Melithreptus albogularis	Least Concern	Not Listed
6	Striped Honeyeater Plectorhyncha lanceolata	Least Concern	Not Listed
7	Grey Fantail Rhipidura albiscapa	Least Concern	Not Listed
8	Pied Butcherbird Cracticus nigrogularis	Least Concern	Not Listed
9	Speckled Warbler Pyrrholaemus sagittatus	Least Concern	Not Listed
10	White-browed Scrubwren Sericornis frontalis	Least Concern	Not Listed
11	Grey-crowned Babbler Pomatostomus temporalis	Least Concern	Not Listed
12	Eastern Yellow Robin <i>Eopsaltria australis</i>	Least Concern	Not Listed
13	Mistletoebird Dicaeum hirundinaceum	Least Concern	Not Listed
14	White-throated Gerygone Gerygone olivacea	Least Concern	Not Listed
15	Double-barred Finch Taeniopygia bichenovii	Least Concern	Not Listed
16	Rufous Whistler Pachycephala rufiventris	Least Concern	Not Listed
17	Rose Robin <i>Petroica rosea</i>	Least Concern	Not Listed
18	Willie Wagtail Rhipidura leucophrys	Least Concern	Not Listed
19	Striated Pardalote Pardalotus striatus	Least Concern	Not Listed
20	Spotted Pardalote Pardalotus punctatus	Least Concern	Not Listed
22	Fan-tailed Cuckoo Cacomantis flabelliformis	Least Concern	Not Listed
23	Variegated Fairy-wren <i>Malurus lamberti</i>	Least Concern	Not Listed
24	Leaden Flycatcher Myiagra rubecula	Least Concern	Not Listed
25	Rainbow Bee-eater Merops ornatus	Least Concern	Marine
26	Australian Boobook <i>Ninox boobook</i>	Least Concern	Not Listed

3.3 Aquatic Habitat Features

A creek which branches into a number of smaller eroded gullies is present within the area of works, as well as a small dam (Figure 63 to Figure 66). The dam was retaining water at the time of the inspection; however, the creek was dry. Native species may exploit the various microhabitats present by such environmental features, particularly during times of rainfall, including Longfin Eel Anguilla reinhardtii, Eastern Long-necked Turtle Chelodina longicollis, Eastern Water Dragon Intellagama lesueurii, Keelback Snake Tropidonophis mairii, Green Tree Frog Litoria caerulea, Graceful Tree Frog Litoria gracilenta, Eastern Sedge Frog Litoria fallax, Tusked Frog Adelotus brevis, Striped Marsh Frog Limnodynastes peronii, as well as various birds and mammals as a water source.

GPS coordinates for all indicative aquatic habitat features are shown in Table 5. Localities for identified aquatic habitat features are presented in Map 2.

Table 5: Localities for identified aquatic habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Creek	-27.6816651,152.7616732
2	Dam	-27.6825442,152.7607997



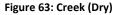




Figure 64: Creek (Dry)







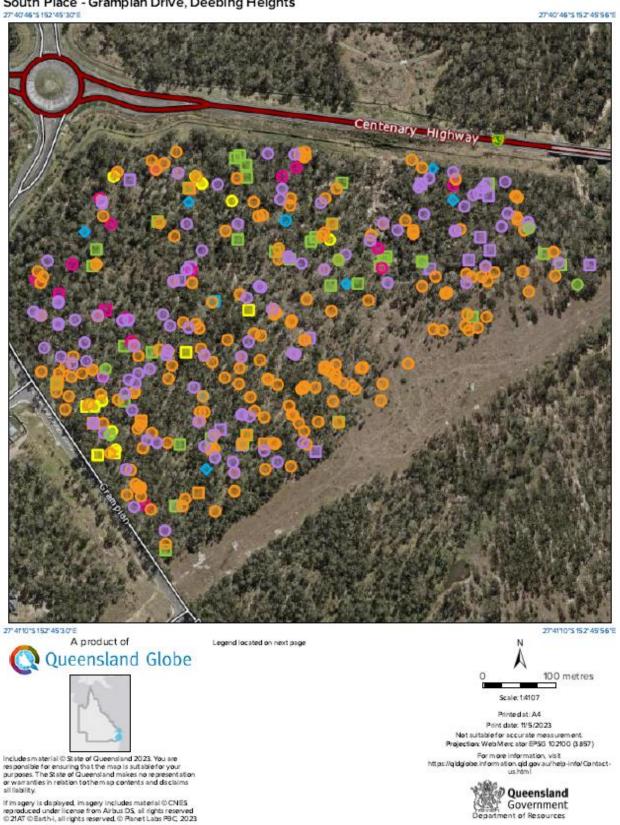
Figure 65: Creek (Dry)

Figure 66: Dam

Map 2: Localities for identified terrestrial, arboreal, and aquatic habitat features

Identified Habitat Features

South Place - Grampian Drive, Deebing Heights



Identified Habitat Features

South Place - Grampian Drive, Deebing Heights



POINT-Arboreal Termitaria (with excavation).csv



POINT-Arboreal Termitaria.csv



POINT-Artificial Debris.csv



POINT-Bird Nest.csv



POINT-Creek.csv



POINT-Dam.csv



POINT-Dead Stag.csv



POINT-Fissure.csv



POINT-Hollow Log.csv



POINT-Hollow Stump.csv



POINT-Terrestrial Termitaria.csv



POINT-Woody Debris.csv



POINT-Hollow Bearing Tree.csv



Road Crossing

- Bridge

Tunnel

Road

Highway

- Main

—Local

— Private

Railway

-

Cities and Towns

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3.4 Endangered, Vulnerable and Near Threatened (EVNT) & Special Least Concern (SLC) Species

It is not envisaged that any EVNT or SLC fauna species will be detrimentally impacted by the proposed works. However, seven species identified within the Online EPBC Protected Matters Report (Appendix B) and the Queensland Government Wildlife Online Search Tool (Appendix C) were considered likely or possible to occur within the site and will require further mitigation during clearing activities.

Although no evidence was found during the site inspection of recent Koala use the species has previously been recorded in the area. The site contains habitat identified as Core Koala Habitat under the Koala Habitat in South East Queensland mapping sourced from the Queensland Globe online search tool (see Appendix A).

It is advised that dedicated methodologies be employed by a qualified Fauna Spotter specific to the detection of these species prior to vegetation clearing activities.

Table 6: Significant species deemed likely or possible to occur within the clearance survey area

Common Name Scientific Name	Species Information	Likelihood of Occurrence within the Clearance Survey area
Mammals		
Short-beaked Echidna Tachyglossus aculeatus EPBC: Not Listed NCA: Special Least Concern	Inhabits a broad range of habitat types across Australia where there is a supply of ants or termites. Echidnas will shelter within hollow logs, under bushes and debris (Van Dyck & Strahan 2008).	Possible Suitable feeding resources occur on site and evidence of diggings observed onsite.
Koala Phascolarctos cinereus EPBC: Endangered NCA: Endangered	Inhabits a range of open forest and woodland communities which may include any of the following noted food trees: Eucalyptus, Corymbia, Melaleuca, Angophora and Lophostemon.	Possible Known food trees for the transient Koala (Phascolarctos cinereus) occur on the clearance site and the species is well documented within the area.
Grey-headed Flying-fox Pteropus poliocephalus EPBC: Vulnerable NCA: Least Concern	The Grey-headed Flying-Fox roosts in aggregations of various sizes on exposed branches, commonly of emergent trees. Roost sites are typically located near water, such as lakes, rivers or the coast. Habitat includes open forests, woodlands, urban parks and gardens.	Possible Suitable vegetation communities containing both feeding and roosting resources occur on and adjacent to the clearance site.

Birds		
Rufous Fantail Rhipidura rufifrons EPBC: Migratory/Marine NCA: Special Least Concern	The Rufous Fantail builds a small compact cup nest, of fine grasses bound with spider webs, that is suspended from a tree fork about 5m from the ground. The bottom of the nest is drawn out into a long stem. Both sexes share nest building, incubation and feeding of the young. One or two broods may be raised in a season (Serventy, 1982). Breeding occurs from about September to February with 81% of eggs laid in November-December (Higgins <i>et al.</i> 2001).	Possible Preferred habitat types present, and the species has been observed in adjacent sites during the inspections.
White-throated Needletail Hirundapus caudactus EPBC: Vulnerable NCA: Vulnerable	Non-breeding migrant which occurs over many habitats including forests and areas with updrafts such as coastal cliffs. Usually seen flying high in very large flocks and is rarely seen perching in Australia, however there are records of birds roosting in the outer foliage of trees (Menkhorst et al. 2017).	Possible Suitable habitat occurs within and adjacent to the clearance site and the species has previously been recorded in the area.
Rainbow Bee-eater Merops ornatus EPBC: Marine NCA: Least Concern	Breeds from August to January (Higgins 1999; Boland 2004). The nest is located in an enlarged chamber at the end of long burrow or tunnel (Comrie-Smith 1930; Morris 1977), in flat or sloping ground, in the banks of rivers, creeks or dams, in roadside cuttings, in the walls of gravel pits or quarries, in mounds of gravel, or in cliff faces (Forshaw and Cooper 1987; Lill 1993; Higgins 1999; Boland 2004).	Present Habitat conducive to this species is found within the survey area and the species was sighted during the inspection.
Amphibians		
Tusked Frog Adelotus brevis EPBC: Not Listed NCA: Vulnerable	Inhabits permanent ponds and streams within rainforests, wet to dry forests and farmland areas (Anstis 2013). Nests are constructed under leaf litter, vegetation or logs at the edge of ponds or stream pools in concealed locations (Anstis 2013).	Possible Habitat conducive to this species is found within the survey area.

4. Fauna Impacts

It is important to consider the existing and future residential developmental areas when investigation potential fauna impacts.

Impacts to fauna, as a result of vegetation clearance, will include the following:

- Loss of trees for foraging, roosting and nesting;
- Loss of hollow-bearing trees for nesting and refuge;
- Loss of habitat and foraging areas for terrestrial species;
- Loss of overall habitat;
- Potential loss of abundance of some local species.

Other impacts may include:

- Injury or death during felling of trees;
- Injury or death from machinery;
- Alteration of nesting, foraging and general activities due to disturbance.

5. Assessment and Conclusion

Overall, the site contains medium value refugial opportunities for arboreal and terrestrial fauna species (see Section 3.1 and 3.2). The species expected within the site are likely to primarily reflect common fauna assemblages for the region; however, provisions will be proposed directly for common fauna and species of conservation significance.

The connectivity to adjacent conservation land in the south, in conjunction with sequential clearing methodologies, will aid in the movement of medium to large size fauna such as Koala and Kangaroos. Specific methodologies for these species will be detailed within the Wildlife and Habitat Impact Mitigation Plan (WHIMP).

A number of conclusions and recommendations will be presented in the WHIMP, with the specific intention of providing a comprehensive management structure to facilitate minimal impact to fauna during the clearing of vegetation and subsequent disturbance of habitats.

It is advised that all identified fauna habitats onsite be inspected by a DES approved Fauna Spotter prior to vegetation clearing and all vegetation removal activities be supervised during the clearing process. Fauna captured will be relocated to adjacent habitat consistent with the life history requirements of the species requiring translocation. The directives given by Fauna Spotter Catchers should embrace a "best practice" approach which includes implementation of proven specific management techniques for identified habitat types and compliance with legislation relevant to the activity.

It is recommended that in the event any nests which contain chicks are identified during clearing be left until fledged, and those that are in a construction phase should be dismantled to prevent further nesting activity. Any fertile eggs recovered will require incubation and subsequent rearing for latter release.

6. References

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7. Appendix A: Koala Habitat Values





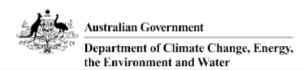
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8. Appendix B: EPBC Act Protected Matters Report



EPBC Act Protected Matters Report

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

Report created: 11-May-2023

Summary

<u>Details</u>

Matters of NES

Other Matters Protected by the EPBC Act

Extra Information

Caveat

<u>Acknowledgements</u>

Summary

Matters of National Environment Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
<u>Listed Threatened Species:</u>	47
Listed Migratory Species:	16

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Lands:	12
Commonwealth Heritage Places:	None
Listed Marine Species:	21
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	36
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)	[Resource Information]	
Ramsar Site Name	Proximity	Buffer Status
Moreton bay	40 - 50km upstream from Ramsar site	In feature area

Listed Threatened Ecological Communities

[Resource Information]

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

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Threatened Category Endangered	Presence Text Buffer Status Community may occurIn feature area within area
Grey box-grey gum wet forest of subtropical eastern Australia	Endangered	Community may occurIn buffer area only within area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occurIn feature area within area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may occurIn feature area within area
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community likely to In feature area occur within area
Swamp Tea-tree (Melaleuca irbyana) Forest of South-east Queensland	Critically Endangered	Community likely to In buffer area only occur within area
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occurIn feature area within area

Listed Threatened Species

[Resource Information]

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

Scientific Name Threatened Category Presence Text Buffer Status
BIRD

Scientific Name	Threatened Category	Presence Text	Buffer Status
Anthochaera phryqia Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour may occur within area	
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area	In feature area
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]	Critically Endangered	Species or species habitat may occur within area	In feature area
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
<u>Lathamus discolor</u>			
Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
Stagonopleura guttata Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Turnix melanoqaster</u> Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FISH			
Neoceratodus forsteri Australian Lungfish, Queensland Lungfish [67620]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
INSECT			
Argynnis hyperbius inconstans Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within area	In feature area
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Dasyurus hallucatus</u> Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat may occur within area	In feature area
Dasyurus maculatus maculatus (SE main Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	land population) Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Macroderma gigas			
Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
Petauroides volans Greater Glider (southern and central) [254]	Endangered	Species or species habitat likely to occur within area	In feature area
Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area	In feature area
Phascolarctos cinereus (combined popula	ations of Qld, NSW and th	e ACT)	
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
Potorous tridactylus tridactylus Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
PLANT			
Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat may occur within area	In feature area
Bosistoa transversa Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Cupaniopsis tomentella Boonah Tuckeroo [3322]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
<u>Dichanthium setosum</u> bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Fontainea venosa [24040]	Vulnerable	Species or species habitat may occur within area	In feature area
Notelaea ipsviciensis Cooneana Olive [81858]	Critically Endangered	Species or species habitat may occur within area	In feature area
Notelaea Iloydii Lloyd's Olive [15002]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Picris evae Hawkweed [10839]	Vulnerable	Species or species habitat may occur within area	In feature area
Planchonella eerwah Shiny-leaved Condoo, Black Plum, Wild Apple [17340]	Endangered	Species or species habitat may occur within area	In feature area
Plectranthus habrophyllus [64589]	Endangered	Species or species habitat known to occur within area	In feature area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area	In feature area
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
REPTILE			
<u>Delma torquata</u> Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
Furina dunmalli Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Hemiaspis damelii</u> Grey Snake [1179]	Endangered	Species or species habitat likely to occur within area	In feature area
Listed Migratory Species		[Res	source Information
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area
<u>Hirundapus caudacutus</u> White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area	In feature area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rhipidura rufifrons			
Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
Symposiachrus trivirgatus as Monarcha t	<u>rivirgatus</u>		
Spectacled Monarch [83946]		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata			
Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area	In feature area
Calidris ferruginea			
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calidris melanotos			
Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Gallinago hardwickii			
Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area	In feature area
Numenius madagascariensis			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus			
Osprey [952]		Species or species habitat likely to occur within area	
Tringa nebularia			
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - AMBERLEY - AP3 REMOTE RECEIVERS SITE [31479]	QLD	In buffer area only
Defence - AMBERLEY - AP3 REMOTE RECEIVERS SITE [31478]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31939]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31938]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31940]	QLD	In buffer area only
Defence - AMBERLEY - AP90 SMALL ARMS RANGE (PURGA) [31817]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31799]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31794]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31801]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31800]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31802]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31798]	QLD	In buffer area only

Listed Marine Onesies		1 D-1	
Listed Marine Species		Į Re:	source Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Anseranas semipalmata			
Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
<u>Lathamus discolor</u> Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Motacilla flava			
Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area	In feature area
Myjagra cyanoleuca			
Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Numenius madagascariensis			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus			
Osprey [952]		Species or species habitat likely to occur within area	In buffer area only
Rhipidura rufifrons			
Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula bengha	alensis (sensu lato)		
Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha t	rivirgatus		
Spectacled Monarch [83946]		Species or species habitat may occur within area overfly marine area	In feature area
Tringa nebularia			
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area

Extra Information

EPBC Act Referrals			[Resou	rce Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Australian Super Hornet Flying	2008/4410		Assessment	In buffer area
Operations at RAAF Base Amberley				only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status	
Greater Brisbane Greyhound Centre	2022/09252		Completed	In buffer area only	
Greater Brisbane Greyhound Centre	2022/09321	Completed		In buffer area only	
Controlled action					
Casino Ipswich Pipeline	2007/3877	Controlled Action	Completed	In buffer area only	
CROCODILE 03 Military Training Exercise	2002/888	Controlled Action	Post-Approval	In buffer area only	
ECCO Ripley Residential Development, Ipswich, QLD	2015/7513	Controlled Action	Post-Approval	In buffer area only	
Grampian Drive Deebing Heights Residential Development, Qld	2015/7628	Controlled Action	Post-Approval	In feature area	
Hayfield School Site	2021/9070	Controlled Action	Assessment Approach	In buffer area only	
Paradise Waters Residential Estate, Gampian Drive, Deebing Heights	2013/6864	Controlled Action	Post-Approval	In feature area	
Providence West Residential Development	2020/8698	Controlled Action Further Information Request		In buffer area only	
Residential development, Rawlings Road, Ripley Valley	2016/7723	Controlled Action	Post-Approval	In buffer area only	
Residential Development, Ripley	2020/8791	Controlled Action	Assessment Approach	In buffer area only	
Ripley Road Residential Development	2019/8539	Controlled Action	Post-Approval	In buffer area only	
Ripley Road residential development, Ripley Valley, Old	2017/8095	Controlled Action	Post-Approval	In buffer area only	
Ripley View Residential Subdivision	2020/8615	Controlled Action	Further Information Request	In buffer area only	
Talisman Saber 2005 Military Exercise	2004/1819	Controlled Action	Post-Approval	In buffer area only	
Not controlled action					
Aerospace and Defence Support Centre - Amberley	2010/5579	Not Controlled Action	Completed	In buffer area only	
<u>Daleys Road Residential</u> <u>Development</u>	2010/5638	Not Controlled Action	Completed	In buffer area only	
Grampian Drive residential development, Deebing Heights,	2016/7634	Not Controlled Action	Completed	In feature area	

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Qld				
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Inland Rail Gowrie to Kagaru Geotechnical Project, QLD	2018/8263	Not Controlled Action	Completed	In buffer area only
Master planned residential community, Ripley Valley, QLD	2014/7325	Not Controlled Action	Completed	In buffer area only
Northern Link Parallel Road Tunnels Project	2007/3824	Not Controlled Action	Completed	In buffer area only
REMONDIS Waste to Energy Facility	2020/8806	Not Controlled Action	Completed	In buffer area only
Removal of Grey-headed Flying-fox Habitat	2005/2137	Not Controlled Action	Completed	In feature area
Residential/Commercial development Binnies Road, Ripley, Old	2016/7669	Not Controlled Action	Completed	In buffer area only
Residential Subdivision on Monterea Road, Ripley	2012/6644	Not Controlled Action	Completed	In buffer area only
Ripley Town Centre, Ipswich, QLD	2015/7471	Not Controlled Action	Completed	In buffer area only
South West Transport Corridor	2006/2547	Not Controlled Action	Completed	In feature area
Swanbank Gas Fired Combined Cycle Plant	2008/4087	Not Controlled Action	Completed	In buffer area only
Swanbank Waste Management Facility Stage 1B extension Area, Qld	2015/7581	Not Controlled Action	Completed	In buffer area only
To develop the Paradise Heights residential subdivision, QLD	2014/7310	Not Controlled Action	Completed	In feature area
Underground Bus and Train Project, Brisbane	2013/7106	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manne))			
168 Lot Residential and Commercial Development at Deebing Heights	2009/4818	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Construction & Operation 275/330kV Transmission Line	2006/2820	Not Controlled Action (Particular Manner)	Post-Approval	In feature area

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action (particular manne	er)			
Cross River Rail	2010/5427	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only

Bioregional Assessments			
SubRegion	BioRegion	Website	Buffer Status
Clarence-Moreton	Clarence-Moreton	BA website	In feature area

Caveat

1 PURPOSE

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

The report contains the mapped locations of:

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

2 DISCLAIMER

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

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

3 DATA SOURCES

Threatened ecological communities

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

Threatened, migratory and marine species

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

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

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

4 LIMITATIONS

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

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

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

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

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

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

Acknowledgements

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

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

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

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

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9. Appendix C: Wildlife Online Extract



WildNet species list

Search Criteria: Species List for a Specified Point

> Species: Animals Type: Native

Queensland status: All

Records: All

Date: Since 1980 Latitude: -27.6824 Longitude: 152.7611

Distance: 5

Email: jasmine@qfc.com.au

Date submitted: Thursday 11 May 2023 19:35:05 Date extracted: Thursday 11 May 2023 19:40:03

The number of records retrieved = 271

Disclaimer

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

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

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

The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a

process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage

(https://www.qld.gov.au/environment/plants-animals/species-information/wildnet) to find out more about WildNet and where to access other WildNet information

products approved for publication. Feedback about WildNet species lists should be emailed to wildlife online@des.qld.gov.au.

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	Α	Records
animals	amphibians	Hylidae	Litoria balatus	slender bleating treefrog		С		4
animals	amphibians	Hylidae	Litoria caerulea	common green treefrog		С		14
animals	amphibians	Hylidae	Litoria fallax	eastern sedgefrog		C		7
animals	amphibians	Hylidae	Litoria gracilenta	graceful treefrog		С		7
animals	amphibians	Hvlidae	Litoria latopalmata	broad palmed rocketfrog		С		1
animals	amphibians	Hylidae	Litoria nasuta	striped rocketfrog		С		3
animals	amphibians	Hylidae	Litoria rubella	ruddy treefrog		С		4
animals	amphibians	Hylidae	Litoria wilcoxii	eastern stony creek frog		С		1
animals	amphibians	Limnodynastidae	Limnodynastes peronii	striped marshfrog		С		6
animals	amphibians	Limnodynastidae	Limnodynastes tasmaniensis	spotted grassfrog		C		1
animals	amphibians	Limnodynastidae	Limnodynastes terraereginae	scarlet sided pobblebonk		Č		2
animals	amphibians	Limnodynastidae	Platyplectrum ornatum	ornate burrowing frog		Č		3
animals	amphibians	Myobatrachidae	Crinia parinsignifera	beeping froglet		č		6
animals	amphibians	Myobatrachidae	Crinia signifera	clicking froglet		č		ž
animals	amphibians	Myobatrachidae	Pseudophryne coriacea	red backed broodfrog		Č		1
animals	amphibians	Myobatrachidae	Uperoleia fusca	dusky gungan		č		1
animals	birds	Acanthizidae	Acanthiza chrysorrhoa	vellow-rumped thornbill		č		4
animals	birds	Acanthizidae	Acanthiza chi ysonnoa Acanthiza pusilla	brown thornbill		č		1
animals	birds	Acanthizidae	Gerygone olivacea	white-throated gerygone		č		6
animals	birds	Acanthizidae	Pyrrholaemus sagittatus	speckled warbler		Č		3
animals	birds	Acanthizidae	Sericornis frontalis	white-browed scrubwren		C		4
	birds	Acanthizidae	Smicrornis brevirostris	weebill		C		2
animals	birds					Č		2
animals		Accipitridae	Accipiter cirrocephalus	collared sparrowhawk		C		4
animals	birds	Accipitridae	Accipiter fasciatus	brown goshawk				8
animals	birds	Accipitridae	Aquila audax	wedge-tailed eagle		С		8
animals	birds	Accipitridae	Aviceda subcristata	Pacific baza		С		
animals	birds	Accipitridae	Circus approximans	swamp harrier		С		2
animals	birds	Accipitridae	Elanus axillaris	black-shouldered kite		С		5
animals	birds	Accipitridae	Haliaeetus leucogaster	white-bellied sea-eagle		С		6
animals	birds	Accipitridae	Haliastur indus	brahminy kite		C		2
animals	birds	Accipitridae	Haliastur sphenurus	whistling kite		С		5
animals	birds	Accipitridae	Lophoictinia isura	square-tailed kite		С		1
animals	birds	Acrocephalidae	Acrocephalus australis	Australian reed-warbler		С		9
animals	birds	Aegothelidae	Aegotheles cristatus	Australian owlet-nightjar		С		1
animals	birds	Alcedinidae	Ceyx azureus	azure kingfisher		C		5
animals	birds	Alcedinidae	Dacelo novaeguineae	laughing kookaburra		С		15
animals	birds	Alcedinidae	Todiramphus macleayii	forest kingfisher		C		4
animals	birds	Alcedinidae	Todiramphus sanctus	sacred kingfisher		С		8
animals	birds	Anatidae	Anas castanea	chestnut teal		C		3
animals	birds	Anatidae	Anas gracilis	grey teal		С		6
animals	birds	Anatidae	Anas superciliosa	Pacific black duck		C		15
animals	birds	Anatidae	Aythya australis	hardhead		С		9
animals	birds	Anatidae	Chenonetta jubata	Australian wood duck		C		23
animals	birds	Anatidae	Cygnus atratus	black swan		C		7
animals	birds	Anatidae	Dendrocygna arcuata	wandering whistling-duck		С		1
animals	birds	Anatidae	Dendrocygna eytoni	plumed whistling-duck		C		1

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Kingdom	Class	Family	Scientific Name	Common Name	l C	Α	Records
animals	birds	Anatidae	Spatula rhynchotis	Australasian shoveler	С		1
animals	birds	Anhingidae	Anhinga novaehollandiae	Australasian darter	С		9
animals	birds	Anseranatidae	Anseranas semipalmata	magpie goose	C		1
animals	birds	Apodidae	Hirundapus caudacutus	white-throated needletail	V	V	4
animals	birds	Ardeidae	Ardea alba modesta	eastern great egret	C		4
animals	birds	Ardeidae	Ardea intermedia	intermediate egret	C		5
animals	birds	Ardeidae	Ardea pacifica	white-necked heron	C		4
animals	birds	Ardeidae	Bubulcus ibis	cattle egret	C		15
animals	birds	Ardeidae	Egretta garzetta	little egret	C		3
animals	birds	Ardeidae	Egretta novaehollandiae	white-faced heron	C		12
animals	birds	Ardeidae	Nycticorax caledonicus	nankeen night-heron	C		1
animals	birds	Artamidae	Artamus leucorynchus	white-breasted woodswallow	C		3
animals	birds	Artamidae	Cracticus nigrogularis	pied butcherbird	С		23
animals	birds	Artamidae	Cracticus sp.		C		3
animals	birds	Artamidae	Cracticus torquatus	grey butcherbird	C		17
animals	birds	Artamidae	Gymnorhina tibicen	Australian magpie	C		34
animals	birds	Artamidae	Strepera graculina	pied currawong	C		2
animals	birds	Cacatuidae	Cacatua galerita	sulphur-crested cockatoo	C		13
animals	birds	Cacatuidae	Cacatua sanguinea	little corella	C		1
animals	birds	Cacatuidae	Eolophus roseicapilla	galah	C		14
animals	birds	Campephagidae	Coracina novaehollandiae	black-faced cuckoo-shrike	C		21
animals	birds	Campephagidae	Edolisoma tenuirostre	common cicadabird	С		2
animals	birds	Campephagidae	Lalage tricolor	white-winged triller	C		1
animals	birds	Charadriidae	Elseyornis melanops	black-fronted dotterel	С		6
animals	birds	Charadriidae	Erythrogonys cinctus	red-kneed dotterel	C		4
animals	birds	Charadriidae	Vanellus miles	masked lapwing	C		1
animals	birds	Charadriidae	Vanellus miles novaehollandiae	masked lapwing (southern subspecies)	C		16
animals	birds	Ciconiidae	Ephippiorhynchus asiaticus	black-necked stork	С		7
animals	birds	Cisticolidae	Cisticola exilis	golden-headed cisticola	С		11
animals	birds	Climacteridae	Cormobates leucophaea metastasis	white-throated treecreeper (southern)	С		2
animals	birds	Columbidae	Geopelia cuneata	diamond dove	C		1
animals	birds	Columbidae	Geopelia humeralis	bar-shouldered dove	C		6
animals	birds	Columbidae	Geopelia placida	peaceful dove	C		3
animals	birds	Columbidae	Macropygia phasianella	brown cuckoo-dove	C		1
animals	birds	Columbidae	Ocyphaps lophotes	crested pigeon	C		19
animals	birds	Columbidae	Phaps chalcoptera	common bronzewing	С		2
animals	birds	Coraciidae	Eurystomus orientalis	dollarbird	С		5
animals	birds	Corvidae	Corvus orru	Torresian crow	С		32
animals	birds	Cuculidae	Cacomantis flabelliformis	fan-tailed cuckoo	С		5
animals	birds	Cuculidae	Cacomantis pallidus	pallid cuckoo	С		1
animals	birds	Cuculidae	Centropus phasianinus	pheasant coucal	С		3
animals	birds	Cuculidae	Chalcites basalis	Horsfield's bronze-cuckoo	C		1
animals	birds	Cuculidae	Chalcites lucidus	shining bronze-cuckoo	С		1
animals	birds	Cuculidae	Eudynamys orientalis	eastern koel	С		7
animals	birds	Cuculidae	Scythrops novaehollandiae	channel-billed cuckoo	С		8
animals	birds	Dicaeidae	Dicaeum hirundinaceum	mistletoebird	C		13

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Kingdom	Class	Family	Scientific Name	Common Name	I	Q	Α	Records
animals	birds	Dicruridae	Dicrurus bracteatus	spangled drongo		С		5
animals	birds	Estrildidae	Lonchura castaneothorax	chestnut-breasted mannikin		С		7
animals	birds	Estrildidae	Neochmia temporalis	red-browed finch		С		4
animals	birds	Estrildidae	Taeniopygia bichenovii	double-barred finch		С		9
animals	birds	Eurostopodidae	Eurostopodus mystacalis	white-throated nightjar		С		1
animals	birds	Falconidae	Falco berigora	brown falcon		C		3
animals	birds	Falconidae	Falco cenchroides	nankeen kestrel		С		7
animals	birds	Falconidae	Falco longipennis	Australian hobby		С		1
animals	birds	Falconidae	Falco peregrinus macropus	Australian peregrine falcon		С		1
animals	birds	Hirundinidae	Cheramoeca leucosterna	white-backed swallow		C		1
animals	birds	Hirundinidae	Hirundo neoxena	welcome swallow		Č		12
animals	birds	Hirundinidae	Petrochelidon ariel	fairy martin		Č		5
animals	birds	Hirundinidae	Petrochelidon nigricans	tree martin		č		4
animals	birds	Jacanidae	Irediparra gallinacea	comb-crested jacana		č		6
animals	birds	Laridae	Chlidonias hybrida	whiskered tern		č		1
animals	birds	Laridae	Chroicocephalus novaehollandiae	silver gull		č		1
animals	birds	Locustellidae	Cincloramphus cruralis	brown songlark		č		1
animals	birds	Locustellidae	Cincloramphus timoriensis	tawny grassbird		Č		5
animals	birds	Locustellidae	Poodytes gramineus	little grassbird		Č		5
animals	birds	Maluridae	Malurus cyaneus	superb fairy-wren		Č		26
animals	birds	Maluridae	Malurus cyaneus Malurus lamberti	variegated fairy-wren		C		8
	birds	Maluridae		3 ,		Č		11
animals	birds		Malurus melanocephalus	red-backed fairy-wren		Č		5
animals		Meliphagidae Meliphagidae	Caligavis chrysops	yellow-faced honeyeater		C		6
animals	birds	Meliphagidae	Entomyzon cyanotis	blue-faced honeyeater		C		
animals	birds	Meliphagidae	Lichmera indistincta	brown honeyeater				17
animals	birds	Meliphagidae	Manorina melanocephala	noisy miner		С		25 1
animals	birds	Meliphagidae	Meliphaga lewinii	Lewin's honeyeater		С		
animals	birds	Meliphagidae	Melithreptus albogularis	white-throated honeyeater		С		4
animals	birds	Meliphagidae	Melithreptus brevirostris	brown-headed honeyeater		С		2
animals	birds	Meliphagidae	Melithreptus lunatus	white-naped honeyeater		C		2
animals	birds	Meliphagidae	Myzomela sanguinolenta	scarlet honeyeater		С		11
animals	birds	Meliphagidae	Philemon citreogularis	little friarbird		С		6
animals	birds	Meliphagidae	Philemon corniculatus	noisy friarbird		С		22
animals	birds	Meliphagidae	Plectorhyncha lanceolata	striped honeyeater		С		3
animals	birds	Meliphagidae	Ptilotula fusca	fuscous honeyeater		С		6
animals	birds	Meropidae	Merops ornatus	rainbow bee-eater		С		8
animals	birds	Monarchidae	Grallina cyanoleuca	magpie-lark		C		27
animals	birds	Monarchidae	Myiagra rubecula	leaden flycatcher		С		1
animals	birds	Motacillidae	Anthus novaeseelandiae	Australasian pipit		C		3
animals	birds	Neosittidae	Daphoenositta chrysoptera	varied sittella		С		4
animals	birds	Oriolidae	Sphecotheres vieilloti	Australasian figbird		C		7
animals	birds	Pachycephalidae	Colluricincla harmonica	grey shrike-thrush		С		5
animals	birds	Pachycephalidae	Colluricincla megarhyncha	little shrike-thrush		C		1
animals	birds	Pachycephalidae	Pachycephala pectoralis	golden whistler		C		6
animals	birds	Pachycephalidae	Pachycephala rufiventris	rufous whistler		С		9
animals	birds	Pardalotidae	Pardalotus striatus	striated pardalote		C		24

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Kingdom	Class	Family	Scientific Name	Common Name	I	Q	Α	Records
animals	birds	Pelecanidae	Pelecanus conspicillatus	Australian pelican		С		9
animals	birds	Petroicidae	Eopsaltria australis	eastern yellow robin		С		4
animals	birds	Petroicidae	Microeca fascinans	jacky winter		С		2
animals	birds	Petroicidae	Petroica rosea	rose robin		С		2
animals	birds	Phalacrocoracidae	Microcarbo melanoleucos	little pied cormorant		С		10
animals	birds	Phalacrocoracidae	Phalacrocorax carbo	great cormorant		Č		5
animals	birds	Phalacrocoracidae	Phalacrocorax sulcirostris	little black cormorant		С		10
animals	birds	Phalacrocoracidae	Phalacrocorax varius	pied cormorant		C		6
animals	birds	Phasianidae	Coturnix pectoralis	stubble quail		C		2
animals	birds	Phasianidae	Synoicus ypsilophorus	brown quail		Č		3
animals	birds	Podargidae	Podargus strigoides	tawny frogmouth		Č		9
animals	birds	Podicipedidae	Podiceps cristatus	great crested grebe		č		5
animals	birds	Podicipedidae	Tachybaptus novaehollandiae	Australasian grebe		č		9
animals	birds	Pomatostomidae	Pomatostomus temporalis	grey-crowned babbler		č		5
animals	birds	Psittaculidae	Alisterus scapularis	Australian king-parrot		č		2
animals	birds	Psittaculidae	Barnardius zonarius	Australian ring-parrot		č		5
animals	birds	Psittaculidae	Glossopsitta concinna	musk lorikeet		Č		1
animals	birds	Psittaculidae	Melopsittacus undulatus	budgerigar		Č		2
	birds	Psittaculidae	Parvipsitta pusilla	little lorikeet		c		9
animals		Psittaculidae Psittaculidae				C		21
animals	birds		Platycercus adscitus	pale-headed rosella				
animals	birds	Psittaculidae	Platycercus eximius	eastern rosella		С		1
animals	birds	Psittaculidae	Trichoglossus chlorolepidotus	scaly-breasted lorikeet		C		34
animals	birds	Psittaculidae	Trichoglossus moluccanus	rainbow lorikeet		С		17
animals	birds	Psophodidae	Psophodes olivaceus	eastern whipbird		С		2
animals	birds	Ptilonorhynchidae	Chlamydera maculata	spotted bowerbird		С		1
animals	birds	Ptilonorhynchidae	Sericulus chrysocephalus	regent bowerbird		С		1
animals	birds	Rallidae	Fulica atra	Eurasian coot		С		10
animals	birds	Rallidae	Gallinula tenebrosa	dusky moorhen		C		11
animals	birds	Rallidae	Gallirallus philippensis	buff-banded rail		С		4
animals	birds	Rallidae	Lewinia pectoralis	Lewin's rail		С		1
animals	birds	Rallidae	Porphyrio melanotus	purple swamphen		С		9
animals	birds	Rallidae	Porzana fluminea	Australian spotted crake		С		4
animals	birds	Rallidae	Zapornia pusilla	Baillon's crake		C		4
animals	birds	Rallidae	Zapornia tabuensis	spotless crake		С		4
animals	birds	Recurvirostridae	Himantopus leucocephalus	pied stilt		С		6
animals	birds	Rhipiduridae	Rhipidura albiscapa	grey fantail		С		12
animals	birds	Rhipiduridae	Rhipidura leucophrys	willie wagtail		С		21
animals	birds	Rhipiduridae	Rhipidura rufifrons	rufous fantail		SL		3
animals	birds	Rostratulidae	Rostratula australis	Australian painted-snipe		E	E	3
animals	birds	Scolopacidae	Actitis hypoleucos	common sandpiper		SL		3
animals	birds	Scolopacidae	Calidris acuminata	sharp-tailed sandpiper		SL		1
animals	birds	Scolopacidae	Gallinago hardwickii	Latham's snipe		SL		3
animals	birds	Scolopacidae	Limosa limosa	black-tailed godwit		SL		2
animals	birds	Scolopacidae	Tringa stagnatilis	marsh sandpiper		SL		1
animals	birds	Strigidae	Ninox boobook	southern boobook		C		4
animals	birds	Strigidae	Ninox strenua	powerful owl		v		1

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Kingdom	Class	Family	Scientific Name	Common Name	I C) <i>A</i>	Records
animals	birds	Threskiornithidae	Platalea flavipes	yellow-billed spoonbill	С		6
animals	birds	Threskiornithidae	Platalea regia	royal spoonbill	C		8
animals	birds	Threskiornithidae	Plegadis falcinellus	glossy ibis	S	L	2
animals	birds	Threskiornithidae	Threskiornis molucca	Australian white ibis	С		4
animals	birds	Threskiornithidae	Threskiornis spinicollis	straw-necked ibis	С		12
animals	birds	Turnicidae	Turnix maculosus	red-backed button-quail	С		1
animals	birds	Tytonidae	Tyto javanica	eastern barn owl	C		2
animals	birds	Zosteropidae	Zosterops lateralis	silvereye	C		19
animals	insects	Nymphalidae	Charaxes sempronius sempronius	tailed emperor			1
animals	insects	Nymphalidae	Euploea corinna	common crow			2
animals	insects	Nymphalidae	Junonia villida villida	meadow argus			1
animals	insects	Nymphalidae	Melanitis leda bankia	evening brown			1
animals	insects	Nymphalidae	Tirumala hamata hamata	blue tiger			1
animals	insects	Papilionidae	Graphium choredon	blue triangle			1
animals	insects	Papilionidae	Papilio aegeus aegeus	orchard swallowtail (Australian			1
arminaio		. артогнаас	. apmo dogodo dogodo	subspecies)			·
animals	insects	Pieridae	Catopsilia gorgophone gorgophone	yellow migrant			1
animals	insects	Pieridae	Catopsilia pomona	lemon migrant			2
animals	insects	Pieridae	Eurema hecabe	large grass-yellow			1
animals	mammals	Acrobatidae	Acrobates pygmaeus	feathertail glider	С		1
animals	mammals	Canidae	Canis familiaris (dingo)	dingo	C		1
animals	mammals	Dasyuridae	Antechinus flavipes flavipes	vellow-footed antechinus	С		1
ariiiriais	mammais	Dasyundae	Antechinus havipes havipes	(south-east Queensland)	C		1
animals	mammals	Dasyuridae	Phascogale tapoatafa tapoatafa	brush-tailed phascogale	С		2
animals	mammals	Emballonuridae	Saccolaimus flaviventris	vellow-bellied sheathtail bat	č		1
animals	mammals	Macropodidae	Macropus giganteus	eastern grey kangaroo	č		6
animals	mammals	Macropodidae	Macropus sp.	castern grey kangaroo	Č		2
animals	mammals	Macropodidae	Notamacropus dorsalis	black-striped wallaby	Č		1
animals	mammals	Macropodidae	Notamacropus parryi	whiptail wallaby	Č		2
animals	mammals	Macropodidae	Notamacropus parryr Notamacropus rufogriseus	red-necked wallaby	Č		8
animals	mammals	Macropodidae	Wallabia bicolor	swamp wallaby	C		3
animals	mammals	Miniopteridae	Miniopterus australis	little bent-wing bat	C		1
animals	mammals	Molossidae	Austronomus australis	white-striped freetail bat	C		3
animals	mammals	Peramelidae	Isoodon macrourus	northern brown bandicoot	C		1
		Petauridae			C		3
animals	mammals		Petaurus breviceps sensu lato	sugar glider	C		5 6
animals	mammals	Petauridae	Petaurus norfolcensis	squirrel glider	C		0
animals	mammals	Petauridae	Petaurus sp.	-h - d d	C		1
animals	mammals	Phalangeridae	Trichosurus caninus	short-eared possum	C		1
animals	mammals	Phalangeridae	Trichosurus vulpecula	common brushtail possum	C		7
animals	mammals	Phascolarctidae	Phascolarctos cinereus	koala	E	E	
animals	mammals	Pteropodidae	Pteropus alecto	black flying-fox	C		. 18
animals	mammals	Pteropodidae	Pteropus poliocephalus	grey-headed flying-fox	C	. \	
animals	mammals	Tachyglossidae	Tachyglossus aculeatus	short-beaked echidna	S		6
animals	mammals	Vespertilionidae	Myotis macropus	large-footed myotis	С		1
animals	ray-finned fishes	Ambassidae	Ambassis agassizii	Agassiz's glassfish			2
animals	ray-finned fishes	Anguillidae	Anguilla australis	southern shortfin eel			10

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Kingdom	Class	Family	Scientific Name	Common Name	- 1	Q	Α	Records
animals	ray-finned fishes	Anguillidae	Anguilla reinhardtii	longfin eel				12
animals	ray-finned fishes	Atherinidae	Craterocephalus stercusmuscarum	flyspecked hardyhead				3
animals	ray-finned fishes	Clupeidae	Nematalosa erebi	bony bream				3
animals	ray-finned fishes	Eleotridae	Gobiomorphus australis	striped gudgeon				6
animals	ray-finned fishes	Eleotridae	Hypseleotris compressa	empire gudgeon				12
animals	ray-finned fishes	Eleotridae	Hypseleotris galii	firetail gudgeon				12
animals	ray-finned fishes	Eleotridae	Hypseleotris klunzingeri	western carp gudgeon				4
animals	ray-finned fishes	Eleotridae	Hypseleotris sp.					1
animals	ray-finned fishes	Eleotridae	Philypnodon grandiceps	flathead gudgeon				2
animals	ray-finned fishes	Melanotaeniidae	Melanotaenia duboulayi	crimsonspotted rainbowfish				3
nimals	ray-finned fishes	Mugilidae	Mugil cephalus	sea mullet				3
animals	ray-finned fishes	Percichthyidae	Macquaria novemaculeata	Australian bass				1
animals	ray-finned fishes	Plotosidae	Tandanus tandanus	freshwater catfish				1
animals	ray-finned fishes	Terapontidae	Leiopotherapon unicolor	spangled perch				2
animals	reptiles	Agamidae	Diporiphora australis	tommy roundhead		С		1
nimals	reptiles	Agamidae	Intellagama lesueurii	eastern water dragon		Č		6
nimals	reptiles	Agamidae	Pogona barbata	bearded dragon		Č		9
nimals	reptiles	Boidae	Morelia spilota	carpet python		Č		2
nimals	reptiles	Chelidae	Chelodina longicollis	eastern snake-necked turtle		Č		2
nimals	reptiles	Colubridae	Boiga irregularis	brown tree snake		Č		1
nimals	reptiles	Colubridae	Dendrelaphis punctulatus	green tree snake		Č		7
animals	reptiles	Colubridae	Tropidonophis mairii	freshwater snake		č		1
nimals	reptiles	Elapidae	Brachyurophis australis	coral snake		č		i
nimals	reptiles	Elapidae	Cacophis harriettae	white-crowned snake		Č		2
nimals	reptiles	Elapidae	Furina diadema	red-naped snake		Č		4
nimals	reptiles	Elapidae	Pseudechis porphyriacus	red-bellied black snake		č		i
animals	reptiles	Elapidae	Pseudonaja textilis	eastern brown snake		č		5
nimals	reptiles	Gekkonidae	Gehvra dubia	dubious dtella		č		2
animals	reptiles	Scincidae	Anomalopus verreauxii	three-clawed worm-skink		č		1
animals	reptiles	Scincidae	Carlia pectoralis	open-litter rainbow skink		č		2
animals	reptiles	Scincidae	Carlia pectoralis Carlia pectoralis sensu lato	open-litter rambow skirik		č		1
animals	reptiles	Scincidae	Carlia vivax	tussock rainbow-skink		č		2
animals	reptiles	Scincidae	Concinnia martini	dark bar-sided skink		č		1
animals	reptiles	Scincidae	Cryptoblepharus pulcher pulcher	elegant snake-eyed skink		č		2
nimals	reptiles	Scincidae	Ctenotus spaldingi	straight-browed ctenotus		č		5
nimals	reptiles	Scincidae	Ctenotus spaidingi Ctenotus taeniolatus	copper-tailed skink		Č		1
nimals	reptiles	Scincidae	Lampropholis amicula	friendly sunskink		C		1
nimals	reptiles	Scincidae	Lampropholis delicata	dark-flecked garden sunskink		Č		7
nimals	reptiles	Scincidae	Lampropholis sp.	dain-liecked galdeli sulishilk		č		1
nimals	reptiles	Scincidae	Lygisaurus foliorum	tree-base litter-skink		Č		1
animals	reptiles	Scincidae	Tiliqua scincoides scincoides	eastern bluetongue		Č		3
nimals	reptiles	Typhlopidae	Anilios wiedii	brown-snouted blind snake		C		1
		, , , , , , , , , , , , , , , , , , ,				C		2
animals	reptiles	Varanidae	Varanus varius	lace monitor				2

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CODES

- I Y indicates that the taxon is introduced to Queensland and has naturalised.
- Q Indicates the Queensland conservation status of each taxon under the Nature Conservation Act 1992.
 The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).
- A Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*.

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

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

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

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

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Grampian Drive, Deebing Heights – Precinct A

Environmental Pre-Start Checklist

Attachment 5 – Fauna Spotter Wildlife and Habitat Impact Mitigation Plan





May 2023

Fauna Spotter Catcher Wildlife and Habitat Impact Mitigation Plan

South Place – Grampian Drive Deebing Heights, Queensland Report prepared for Winslow



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Date:	12/05/2023
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Author/s:	Jasmine Zeleny, Bryan Robinson
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1. Introduction

1.1 Project Background

Queensland Fauna Consultancy Pty Ltd has been engaged by Winslow to prepare a Fauna Spotter Catcher Wildlife and Habitat Impact Mitigation Plan for South Place – Grampian Drive, Deebing Heights, Queensland. The site location is presented in Map 1.

The objective of this report is to summarise the existing fauna values presented in the Fauna Spotter Catcher Pre-Clearance Survey and Wildlife Protection and Management Plan (WPMP) and assign mitigatory strategies applicable to probable species likely to be encountered during the clearing of identified habitats throughout or within specific localities of the site. Fauna species both common and of elevated conservation value have been considered within the parameters of onsite investigations and, where provided to QFC, include review of current fauna and floristic reports that may influence the assemblages expected to utilise the microhabitats evident within the site.

This review encompasses species identified under the provisions of the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 and the Queensland Nature Conservation Act 1992. Further consideration is given, where applicable, to species of iconic, cultural and/or regional significance identified under commonwealth, state or local planning instruments aimed at the persistence of biodiversity values within the area.

1.2 Project Location and Site Description

South Place is located on the eastern side of Grampian Drive, Deebing Heights, immediately south of the Centenary Highway and adjacent to Soho Drive, Deebing Heights. The total clearing area is approximately 20 hectares.

Existing features exhibit predominantly regrowth eucalypt woodland with eroded gullies and creeks. Dominant trees species include *Acacia* species, *Allocasuarina luehmannii, Eucalyptus tereticornis, E. siderophloia, E. crebra, E. melanophloia, Corymbia citriodora, C. tesselaris, Angophora leiocarpa, and Lophostemon suaveolens*. Understorey vegetation consists of grass, area of dense weed growth, and dense leaf litter.

Map 1: Project Location



Source: Adapted from Queensland Globe (2023)

1.3 Current Permits and Authorities

All activities conducted during the site investigations were implemented under the provisions of several permits issued to Queensland Fauna Consultancy Pty Ltd by the Department of Environment and Science (DES), and the Department of Agriculture and Fisheries (DAF). These permits and additional authorities are listed in Table 1.

Table 1: Current Permits and authorities issued to QFC

Permit/Authorisation	Permit Number	Expiry Date
Damage Mitigation Permit	WA0047114	31 st October 2025
Rehabilitation Permit	WA0026789	16th September 2023
Scientific Purposes Permit	WA0032325	3 rd March 2026
Scientific User Registration	Registration Number 589	27 th February 2025
Animal Ethics	CA 2022/01/1569	27 th February 2025
General Fisheries Permit	262922	10 th May 2026

These permits and approvals enable QFC to conduct the investigation, observation and relocation of protected animals exposed to disturbance due to infrastructure expansion resulting in the destruction of natural and artificial habitats.

2. Mitigation Strategies

2.1 Fauna Spotter

It is advised that all identified fauna habitats onsite be inspected by a licensed Fauna Spotter prior to vegetation clearing, and all vegetation removal activities be supervised during the clearing process.

2.2 Clearing Methodologies

In accordance to the *Nature Conservation (Koala) Conservation Plan 2017* the following sequential clearing conditions are required to be adhered to:

- Clearing of trees is carried out in a way that ensures koalas living in or near the area being cleared (the clearing site) have enough time to move out of the clearing site without human intervention, including in particular, for a clearing site with an area of more than 6ha, by:
 - Carrying out the clearing in stages; and
 - o Ensuring not more than the following is cleared in any one stage:
 - for a clearing site with an area of 6 ha or less—50 percent of the site's area;
 - for a clearing site with an area of more than 6ha—3ha or 3 percent of the site's area, whichever is the greater; and
 - Ensuring that between each stage there is at least one period of 12 hours that starts at 6 p.m. on a day and ends at 6 a.m. on the following day, during which no trees are cleared on the site;

In addition to these measures it is recommended that clearing activities be undertaken in a directional manner specified by the fauna spotter/catcher. This is done to reduce the likelihood of negative interactions between fauna and potential hazards e.g. roads and traffic, prevent isolation of fauna through habitat fragmentation, and to ensure that natural dispersal of wildlife away from clearing activities is not impeded.

A plan detailing the recommended clearing direction can be viewed in Appendix A.

2.3 Fauna Fencing

Due to the location of the clearing footprint, the installation of temporary fencing may aid in minimizing the movement of large fauna, including highly mobile macropods into adjacent estates and nearby roadways.

The addition of further fauna fencing may be required if site conditions change and fauna considerations are presented by the fauna spotter catcher.

2.4 Felling Procedures

Trees identified as having potential fauna values (such as hollows, arboreal termitaria and exfoliating bark) will be clearly identified and subsequently marked for supervision during felling and inspected once felled. Efforts will be made to determine potentially occupant species by way of investigations for indicative signs (scats, scratchings and tracks) on the day(s) of clearing. Where no signs are found or potentially occupant species are undeterminable, machinery operators will be instructed to fell trees in a manner directed at minimising the potential risk of injury to fauna.

All identified microhabitats will be inspected via ground-based observation and the direction of felling will be determined considering the safety of personnel, machinery and potentially occupant fauna. Felling procedures will see implementation of a soft felling technique specifically constructed by QFC to achieve minimal deceleration and impact upon felling. This will be achieved under direction of the Fauna Spotter present directly communicating with the plant operator(s).

2.5 Macropods

Macropod movement throughout the site was identified by the presence of scats and footprints during the fauna survey, as well as several sightings of Red-necked Wallabies *Notamacropus rufogriseus*.

The area of proposed clearing activities exhibits connectivity to notable habitat values to the south and east. Therefore, if clearing commences in a directional and incremental fashion any macropods potentially encountered on site may move on of their own volition. In this event, it is recommended that clearing proceed as already recommended with continual reassessment by the onsite fauna spotters.

2.6 Aquatic Fauna

In the event aquatic dewatering activities will be required within the proposed clearing area; pooled water and drainage features will be inspected during terrestrial load reduction activities ahead of the clearing front. The following recommendations are made to mitigate impacts to potentially occupant fauna:

- Inspection of banks, peripheral vegetation and other immediate terrestrial microhabitats;
- Identification of potential fauna values including: logs, rocks, artificial structures, discarded rubbish and burrows;
- Targeted searched for frog egg deposition sites on debris, bank edges, water surface and vegetation.

2.7 General Terrestrial and Arboreal Fauna

Overall, the site contains medium value refugial opportunities for arboreal and terrestrial fauna species. The species expected within the site are likely to primarily reflect common fauna assemblages for the region however provisions are proposed directly for common fauna and species of conservation significance.

It is advised that all identified fauna habitats onsite be inspected by a DES approved Fauna Spotter prior to vegetation clearing and all vegetation removal activities be supervised during the clearing process. Terrestrial load reduction activities will be conducted ahead of the clearing front where possible. Fauna captured will be relocated to adjacent habitat consistent with the life history requirements of the species requiring translocation.

2.8 EVNT & SLC Fauna

It is not envisaged that any species, listed under the provisions of the *Environment Protection and Biodiversity Conservation Act 1999* or the *Nature Conservation Act 1992*, other than those listed in the WPMP, will require specific management during vegetation clearing activities.

However, specific management for those identified EVNT & SLC species will include targeted investigations immediately prior to vegetation removal activities on each day of clearing and subsequently whilst clearing takes place. Preliminary investigations will be supported by additional monitoring applied during clearing activities with a designated fauna spotter operating with each machine actively involved in vegetation or identified habitat disturbance. These should include the following:

Short-beaked Echidna

Although no individuals were observed during the survey, evidence of echidna use throughout the site was observed during the inspection by QFC and would see probability for the Short-beaked Echidna to be encountered during clearing activities.

The following recommendations are made for management of potentially occurring Short-beaked Echidna:

- Daily inspection of areas to be cleared for transient individuals;
- Inspection daily for potential burrow sites;
- Monitored dismantling of identified microhabitats by fauna spotters with machinery assistance

Koala:

As favoured Koala food trees on site exceed a diameter of 100mm at 1.3 metres from the ground, requirements under the Koala Plan's 'Koala Habitat Area' provisions trigger the need for inspection and monitoring during vegetation clearing by a qualified Fauna Spotter.

Historically known to occur within the area the Koala will feature highly in daily search efforts with a dedicated and detailed methodology employed as follows:

- Pre-clearing (preliminary) investigations to be conducted specifically for Koala detection by one experienced fauna spotter a minimum half hour prior to works each day. The investigation will embrace all designated clearing zones identified for that day inclusive of a 25-metre buffer around that zone;
- Once clearing commences a fauna spotter will accompany each machine providing continuous verification of habitat values and potential identification of undetected koalas ahead of operating plant. This will also account for potentially transient Koalas that may enter the site after preliminary investigations are complete.

Direct observational methodology will include the following components

- Use of binoculars to inspect the crown, forks and trunk of trees for individuals currently occupying the site;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas;
- Repeat observations made of single trees from numerous angles at repeated times throughout the clearing activities by the assigned fauna spotter.

In the event a Koala is detected, the Fauna Spotter will determine the appropriate course of action with exclusion zones implemented and alterations to the clearing plan discussed with the Site Supervisor. Once defined, these directions will be communicated to the plant operators and clearing will proceed in accordance with the recommendations made.

Changes to Koala management strategies highlighted in the *Nature Conservation (Koala)* Conservation Plan 2017 have resulted in particular conditions placed on vegetation clearance involving the removal of Koala food trees. These provisions entail an increased responsibility by developers and land clearance operators alike to ensure the welfare of potentially present Koalas in areas identified as having significance for the persistence of this species.

Where significance under planning instruments is assigned provisions may include the restriction of all clearance that directly interferes with any tree a Koala is residing in or surrounding trees that, when felled, may impact on the crown of the host tree. Koalas are to leave via their own volition through a corridor designated by the Fauna Spotter to the closest remaining suitable habitat.

Throughout this time the Koala may not be interfered with by any means unless special dispensation has been sought through the appropriate government body or where the Koala is evidently in a state of compromised health. Only when Koalas have vacated a tree can clearance operations include the identified host tree and surrounding vegetation which composes the established exclusion zone. Recommendations made by the Fauna Spotter on site will embrace these provisions.

Response to Diseased/Injured Koalas

In the event the Fauna Spotter Catcher detects a koala showing signs of disease or injury the following procedure is to be implemented immediately after establishing the machinery exclusion zone:

- Photograph the animal and where possible the specific issue observed (i.e. dirty rump, emaciation);
- Contact Bryan Robinson, Principal Ecologist at QFC, to provide further assessment of the Koala via the images taken;
- Bryan to contact the Ipswich Koala Protection Society (IKPS) President Ruth Lewis for further opinion and collaboratively decide on the relevant response and timing;
- Where deemed to require veterinary assistance a Koala trap will be acquired from IKPS and installed by QFC;
- Bryan to ensure DES are immediately notified of the intended take of the animal;
- All Koalas will be taken to Moggill Koala Hospital for veterinary examination upon capture.

Employed Koala Trapping Technique

A dedicated Koala trap will be utilised in the event a Koala is deemed to require veterinary assistance. The trap used (Figure 1 and Figure 2) will be supplied by IKPS and consists of the following components:

- 1200mm high Core flute wall;
- Steel bracing pins/star pickets;
- Zip ties;
- Purpose built Koala trapping box with guillotine/footpad style closing mechanism.

The core flute wall is placed around the tree the koala is in to form a solid barrier, subsequently channelling the animal to the trapping box when it descends from the tree. Checks are conducted on the trap periodically between 6pm and 6am to check if the Koala has entered the trap. Once captured the Koala is transported within the trapping box to minimise handling and undue stress or interference. Notification is given immediately to Bryan Robinson who will provide transportation and inform IKPS of the pending arrival of the Koala to Moggill Koala Hospital.



Figure 1: Koala trap exterior



Figure 2: Koala trap interior

Grey-headed Flying Fox:

Although no Flying Fox camps or roosts were noted during the site survey, the transient nature of this species and the abundance of available feeding resources would see probability for the species to intermittently utilise the site.

The following recommendations are made for management of potentially occurring Grey-headed Flying Fox:

- Daily Inspection of trees assigned for removal be conducted to detect potential roosting Flying Foxes;
- Trees found to contain roosting Flying Foxes to be left standing and re assessed at the end
 of each days clearing. Being a transient species, the disturbance associated by the
 surrounding clearing is likely to see individuals fly off via its own volition come nightfall and
 not return the following morning, thus negating the need for direct disturbance.

Rufous Fantail:

The site contains preferred habitat types with the potential to support nesting localities for the Rufous Fantail.

The following recommendations are made for management of potentially occurring Rufous Fantail:

- Inspection daily of trees assigned for removal in areas of likely occurrence to detect potentially roosting birds;
- Observation of mature birds to ensure individuals are out of immediate felling zones;
- Implementation of a soft felling technique where trees are determined to have potential nests.

White-throated Needletail:

The site contains preferred habitat types for the White-throated Needletail; however, the species does not breed in Australia. It is unlikely that either species will be impacted by clearing activities as it is rare to see these species perched. Observations are likely to be limited to flyovers and aerial foraging high above the area of works.

Rainbow Bee-eater:

The site contains preferred habitat types with the potential to support nesting localities for the Rainbow Bee-eater and the species was sighted during the inspection. The following recommendations are made for management of potentially occurring Rainbow Bee-eater:

- Inspection daily of trees assigned for removal in areas of likely occurrence to detect potentially roosting birds;
- Observation of mature birds to ensure individuals are out of immediate felling zones;
- Inspection of potential burrows for nesting activity

Tusked Frog:

Habitats conducive to the presence of these amphibians are noted at several localities throughout the site. Subsequently, it is recommended that Inspection of these microhabitats be conducted prior to the disturbance of microhabitat to detect potentially occupant frogs.

3. Wildlife Capture & Removal Plan

Relocation of native fauna is a strategy that may be required during the course of developmental works to adhere to the project's required nature conservation, animal welfare and human safety objectives.

In all circumstances where native fauna is required to be relocated it must be done so, or under the direct supervision of, a suitably licensed fauna spotter/catcher. A summary of the fauna capture, handling and relocations strategies to be implemented by the fauna spotter/catcher for fauna groups deemed likely, or possible, to occur on site are presented in *Table 2*.

Table 2: Fauna capture, handling and relocation strategy table

Animal Group	Capture and handling	Relocation
Lizards Geckoes Dragons Monitors	 Place one hand behind the head at the base of the quadrates and the other at the base of the tail behind the hind limbs; Be cautious when handling smaller skinks and legless lizards as they may discard their tail; Lizards and geckoes can be placed inside suitably sized calico bags In the case of large monitor lizards keep the animal's ventral surface directly away from the body with the tail between the upper arm and torso. Dragons and small monitors can be placed in suitably sized calico bags. Larger monitors to be placed in suitably sized crate 	 Place the lizard head first into a suitable holding crate for later release. Dragons & monitors- release up trees or into heavy vegetation; Water dragons - in the vicinity of riparian areas; Skinks, Geckoes, Legless lizards - around creek margins.
Snakes	 Due to their mobile nature, large snakes generally do not require to be handled or relocated, with the exception of slow moving species (i.e. pythons) or smaller species; Snakes should be identified and only moved if competent and safe to do so (see SOP006 Handling Venomous Snakes Procedure); Do not attempt to catch a snake if you're not competent; Injured snakes should be handled with suitable equipment. 	 Release in suitable habitat e.g. along creek lines for python and tree snakes If feasible take them well away from clearance site to a suitable release location Release discreetly away from high density suburban areas
Small Mammals	 Place a gloved hand around the whole animal in the case of small mammals (melomys or rats), Do not handle rodents by the tail as this will cause damage to the tail sheath Place the animal in calico bag in a cool place for later relocation. Minimise holding time to avoid animal gnawing through bags and escaping 	Release animal into area suitable to its habitat requirements. Ensure plenty of cover is available.

Animal Group	Capture and handling	Relocation
Glider Family	 Place gloved hands around the animal at initial capture; Place the glider(s) into a calico bag or suitable animal crate ensuring family groups are kept together for all-inclusive release; Place in a cool dry area during the day. When using calico bags ensure the bag is hung and well ventilated Where possible contain gliders within hollow by plugging openings with a towel or calico bag 	 Release glider into habitat with natural hollows and canopy cover; When releasing a family group with more than one furred young (being carried on the back) either: Divide young between parents as a mother is unlikely to carry more than one young, Place young in elevated hollow with parents and allow them to move away in their own time. Place animal in bag at the base of the selected tree, opening the bag wide and allowing the animal to leave the bag when it is ready. Relocate hollow (with gliders inside) to suitable habitat and cover lightly with foliage so that the gliders can move away of their own accord and are protected from predators.
Amphibians	 Amphibians should be handled only when necessary and handling times should be kept to a minimum to help prevent: Removal of the protective mucous layer covering the skin of amphibians; To prevent handling stress induced by changes in their body temperature; Risk of spreading pathogens and parasites. Amphibians from different sites need to be kept isolated from each other, and need to be kept in different containers or bags; Any dead or sick amphibians need to be quarantined from other amphibians. Amphibians can be handled utilising one of the following methodologies: Bare handed – ensure hands are sterilized before handling and free from lotions, sunscreen etc. Gloves – disposable gloves desirable or disinfect gloves between handling different animals; Plastic bags – Single use lightweight plastic bags can be used to pick up and handle frogs; again, plastic bags should be disposed of before handling amphibians form a different site. All staff should be knowledgeable and familiar with the <i>Interim Hygiene Protocol for Handling Amphibians – Technical Manual (DEHP)</i> 	 Always ensure that amphibians are kept moist until release. This can include storing in a designated container with moist soil or toweling or in a wet calico bag; Release into suitable adjacent vegetation that is typical of the species requirements; Suitable release locations include riparian vegetation, low-lying wetlands, alongside creek lines, hollow logs, dams and ponds; Amphibians from different sites need to be released in separate locations; Disinfection procedures in relation to amphibians need to be followed.

Animal Group	Capture and handling	Relocation
Macropods	 Capture and restraint of macropods carries a high risk of injury and fatal hyperthermia/myopathy syndrome, and must not be performed by inexperienced personnel, or without appropriate equipment and sedation. Capture and restraint of healthy macropods (other than pouch young) must be performed using sedation or anaesthesia due to the high risk of developmental myopathy, and other capture and restraint-associated conditions. Sedative and anaesthetic drugs may only be used under direct supervision of a registered veterinarian, or by appropriately licensed persons (Hanger & Nottidge, 2009). 	 Release animal into suitable to its habitat requirements. Ensure plenty of cover is available. Macropods are to be released within the range of normal movement from their place of origin. E.g. a Kangaroo can be released within 100 km of its origin, based on its capacity to travel long distances. Monitor animals to ensure adequate recovery if sedated.
Microbats	 Only vaccinated persons are to handle bats If possible, plug the hollow opening with a bag or towel and ask the operator to cut the hollow from the tree; Always wear gloves when handling bats. If not contained within a hollow, place bats inside a calico bag and hang upright in a cool place 	 Relocate hollow (with bats inside) to suitable habitat and cover lightly with foliage so that the bats can move away of their own accord and are protected from predators. Bats not contained within a hollow should be released as late as possible at the end of the day.
Possums	 Use thick elbow length gloves when handling possums; Try to grip the animal behind the head near the shoulder blades and around the tail so that you have control of the animal; Keep fingers away from the mouth of the animal; Keep the animal's body facing away at all times; Transfer into a thick calico bag and then into a kitty crate. Place in a safe and shady place until you can relocate the animal. 	 Release the possum into habitat with adequate hollows and cover; Place animal in bag at the base of a select tree, opening the bag and allow the animal to leave the bag when it is ready; When releasing a Ringtail Possum mother with more than one furred young (being carried on her back) it is unlikely that she will carry both young if highly stressed; Choose a smaller shrubby tree with vines or heavy foliage (so the adult can construct a drey easily) Watch the adult ascend the tree, it is possible she will only carry one young and so any additional young may be pushed from her back It may be necessary to take one or more of the young to a wildlife carer If possible place mother and young in a suspended hollow, cover lightly with foliage and allow the animals to move on their own accord. This way the mother can ferry young one at a time to a more suitable location.

Animal Group	Capture and handling	Relocation				
Birds	 Use gloves when handling larger birds Use a towel to cover the bird and simultaneously restrain the bird and transfer into calico bag With larger parrots and raptors, restrain head and legs and transfer into a kitty crate Wrap chicks loosely in a towel and transfer to kitty crate, keep in a warm location. 	 Relocate adult birds in suitable habitat Chicks should be referred to wildlife carer 				
Koalas	Movement of Koalas is heavily legislated in South East Queensland. Koalas are not to be captured or relocated without the prior consent of Department of Environment as Science (DES). Koalas should be left to move away of their own volition and trees are not to be felled while a Koala remains in occupancy. See SOP003 Koala Manageme Procedure for further information.					

Queensland Fauna Consultancy Pty Ltd

4. Wildlife Contingency Plan

In the event sick, injured or orphaned protected animals are encountered during the course of the project they shall be administered to in accordance with the *Code of Practice Care of Sick, Injured or Orphaned Protected Animals in Queensland* under the *Nature Conservation Act 1992*.

The stages in which injuries or illness are described under the code are as follows:

Critical: Injuries or illnesses that are life-threatening; for example, an animal that has been struck by a car and has serious head injuries.

Serious: Injuries or illnesses that might reasonably be expected to cause moderate pain (but are not immediately life-threatening), and the animal is not showing obvious signs of distress or pain, or significantly reduced mental activity; for example, an animal with a closed fracture but no other apparent injuries and that is alert and responsive.

Mild: The injuries or illness of an animal appear to cause little discomfort, pain or function loss and are not life-threatening (even without immediate vet treatment); for example, superficial cuts, superficial bruising or orphaned animals suffering from mild dehydration.

4.1 Basic Wildlife Care

If wildlife requiring care are encountered by the fauna spotter/catcher, they will be attended to in the manner set out by the guidelines provided in *Table 4*. Supplementary advice will be sought from a wildlife carer and/or veterinarian where required. QFC have previously utilised experienced local carer groups and vets. These are listed in Table 3.

Table 3: List of Local Vets & Wildlife Carer Groups

Vets							
Name	Location	Contact Number	Comments				
RSPCA Wildlife Hospital	139 Wacol Station Road, Wacol	07 3426 9999	24 Hours/7days				
	Ca	arers					
Name	Location	Contact Number	Comments				
RSPCA Wildlife Hospital	139 Wacol Station Road, Wacol	07 3426 9999	24 Hours/7days				
Ipswich Koala Protection Society	lpswich		Specialize in koalas however rescue all wildlife				
Ann De Jong	Gailes		Most fauna, particularly birds				
Jessica	Park Ridge South		Birds				
Natalie Scotcher	Goodna		Marsupials, macropods, birds				
Ivan	Woodend		Most fauna, particularly birds				

Table 4: Basic Wildlife Care

Birds	Reptiles & Amphibians	Mammals			
Egg	Egg	Neonate			
Viable eggs must be kept warm until transferred to a suitable wildlife carer. It is necessary that the orientation of the eggs be maintained as fixed embryos may be lost. Keep wrapped in a pouch and on a heat source (where available). An ideal temperature is between 25-27° (DEHP 2013); where possible attempt to identify the species so the carer can be informed as the management of eggs can vary in accordance with species and stage of development.	Viable eggs must be kept warm and stable until transferred to a wildlife carer. It is necessary that the orientation of the eggs be maintained as fixed embryos may be lost. Keep wrapped in pouch or towel and place into an animal crate in a safe location.	Unfurred animals need to be kept warm until transferred to a carer. Place into a pouch and onto a heat pad. Ideal temperature is between 31-34°. 25-27° is appropriate in most other cases (DEHP 2013). Regularly check the animal to ensure it is not overheating by observing for obvious signs of distress (i.e. panting, very warm to the touch, red blotched skin). Adjust the temperature where required. Seek further advice from the carer if you are unsure.			
Chick	Juvenile	Juvenile			
Make sure the animal is correctly identified as different species often have very different requirements. Place chicks into a pouch/towel onto a heat source maintained around 31-34° (only if they have not fledged) and keep in an animal crate until transferred to a carer.	Place animals in a suitable lined crate and keep covered in a dark quiet place. Refer to the wildlife contact list in your QFC Folder for a carer who specialises in reptiles.	Place into a lined crate and keep covered in a dark and quiet location.			
Adult	Adult	Adult			
Keep adult birds in a lined animal crate or cage and covered in a quiet area.	Place animals in a suitable lined crate and keep covered in a dark quiet place. Refer to the wildlife contact list in your QFC Folder for a carer who specialises in reptiles.	Place into a lined crate and keep covered in a dark and quiet location.			
Feeding	Feeding	Feeding			
Providing food and water is generally not required during short periods (2-3 hrs) though this should be reconsidered if animals need to held longer. Consult the vet and/or carer for further advice on how to proceed.	Newly hatched reptiles may require feeding if kept overnight. Consult with QFC for further advice. Snakes and turtles will not require feeding but water should be made available.	Providing food and water is generally not required during short periods (2-3 hrs) though this should be reconsidered if animals need to be held longer. Consult the carer for further advice on how to proceed.			

4.2 First Aid

Animals suffering from serious injuries or illness encountered on the project should be passed on to veterinary care as soon as possible. In the interim a licensed fauna spotter/catcher can provide first aid for the animal and organise suitable transportation.

If a seriously sick or injured animal is encountered the fauna spotter/catcher should:

- 1. Keep the animal calm by placing into an animal crate and keeping it covered in a dark and quiet location. Isolate any nearby threats such as domestic animals or predators.
- 2. Quickly and thoroughly inspect the animal for trauma. If the injuries are not serious enough to require euthanasia administer the basic first aid as a minimum (but only if capable to do so)

Representative first aid that may be administered by a fauna spotter/catcher is provided in *Table 5*.

Table 5: Wildlife First Aid

Ailment	First Aid
Bleeding	Using material that is clean and sanitary, apply direct pressure to the affected area. Bandages can be used to hold material in place until vet treatment can be sought. Veterinarian treatment should be sought for further assistance as soon as possible.
Broken limbs	House the animal in a suitably sized animal crate with towels under the animal for comfort. Keep the crate covered and in a quiet location. Proceed to a veterinarian for further assistance as soon as possible.
Injured tails	House the animal in a suitably sized animal crate with towels under the animal for comfort. Keep the crate covered and in a quiet location. Proceed to a veterinarian for further assistance as soon as possible.
Concussions	House the animal in a suitably sized animal crate with towels under the animal for comfort. Keep the crate covered and in a quiet location. Proceed to a veterinarian for further assistance as soon as possible.

4.3 Euthanasia

Section 12 of the code details how to determine when euthanasia is required and how to euthanise animals ethically. The following standards as listed under the code are to be followed when assessing whether euthanasia is required:

- The euthanasia of wildlife where required is to be provided for by all wildlife rehabilitators;
- Euthanasia without exception is to be carried out when:
 - Significant pain or suffering is to be alleviated where it is not able to be managed by a vet;
 - Further treatment is **not** practical, or recovery is **not** expected in a way in which the animal can be successfully rehabilitated back to the wild;
 - Resources are not available to provide appropriate care or an acceptable quality of life throughout the likely rehabilitation period.
- Animals that are suffering and have a poor prognosis for survival must be euthanised rather than left to die from the injury or illness. Failure to undertake appropriate action is a breach of the Animal Care and Protection Act 2001.
- Unless permission has been granted by the Department of Environment and Heritage Protection for the animal to enter the Queensland Species Management Plan (QSMP) or otherwise advised by the DEHP Wildlife Management Director, animals must be euthanised when:
 - o An orphaned animal is not viable or likely to be rehabilitated;
 - No suitable release locations are available;
 - The ability for an animal to reproduce is lost due to an injury, disease or surgical procedure;
 - The ability to move freely or normally (i.e. run, climb, crawl, hop, fly or swim) is permanently impaired. Examples are: a missing or impaired limb, wing, foot or tail that would significantly impair the animal's ability to survive in the wild;
 - The ability to sense environment (i.e. see, smell, fell, taste or hear) is permanently impaired. For example: missing or injured organ such as an eye, ear or nose that would significantly impair the animal's ability to survive in the wild;
 - The ability to catch, find or handle food is permanently impaired;
 - o Its advanced age renders it unlikely to survive in the wild.

5. Wildlife Storage & Housing Plan

For wildlife requiring storage, temporary housing and transportation to release sites and/or to a wildlife carer or veterinarian, guidelines set out in the Code of Practice and QFC's Animal Ethics Permit will be followed.

Dependent on the species of animal and condition of the animal, temporary storage and housing of animals will be as follows:

Calico bags: Calico bags will be used to temporarily house fauna such as snakes, lizards and small mammals (including microbats), Bags will range in size from 200mm x 200mm to 600mm x 1800mm. Bag selection will vary according to the size of animals to be placed in them. In the case of snakes, a "hoop bag" may be used to facilitate capture. The hoop is approximately 500mm in diameter attached to a handle. The bag is placed around the hoop ensuring a greater area in which to pass the snake through into the bag.

Plastic holding tubs/containers/animal crate: Plastic holding tubs/containers/crates will be used to temporarily house fauna such as snakes, lizards, frogs, small mammals and birds (Plastic holding tubs/containers/crates will range in size from 150mm x 150mm x 120mm to 500mmx 400mm x

400mm. Plastic holding tubs/containers/crates selection will vary according to the size and number of animals to be placed in them.

In addition to this, material is used to line the tub/crate to ensure the animals won't lose its footing. This may include folded towels on the bottom of the crate or a fitted pad. These items are washed between each use to reduce the spread of disease/parasites.

Section 9 of the Code relates to how transportation of wildlife should be undertaken. The following will be adhered to when transporting wildlife to the vet and/or carer:

- Additional pain or distress of the animal is to be avoided;
- Wildlife should only be transported when necessary;
- Transport containers must be appropriate for the species (size, strength and behaviour of species being moved;
- Transport containers must be designed and maintained in a way as to:
 - Prevent injury;
 - Prevent escape;
 - Prevent rolling/tipping during transit;
 - Prevent damage to plumage (feathers);
 - Be hygienic;
 - Minimise stress and
 - Be suitably ventilated.

- Non-compatible species must not be transported in a manner which allows for visual or physical contact;
- Containers must be secured to prevent movement and provide protection from direct sunlight, wind and rain;

Venomous, dangerous or potentially disease transmitting animals must be clearly marked with warning labels (i.e. Caution – 'venomous snake' or 'live bat') and be locked and secured.

6. Wildlife Release & Disposal Plan

Retained bushland lies to the south and east of the clearing area and contains similar habitat types suitable for species likely to be encountered when clearing.

With the exception of highly mobile species such as birds and macropods where natural relocation may occur, it will be necessary for the fauna spotter/catcher to translocate the majority of fauna found into suitable habitat within these areas. A map of the intended release site can be viewed in Appendix B.

In regard to all fauna capture and disposal activities conducted on the project the following records will be made:

- a. species;
- b. identification name or number;
- **c.** sex (M, F, or unknown);
- **d.** approximate age or age class (neonate, juvenile, sub-adult, adult);
- e. time and date of capture;
- f. method of capture;
- g. exact point of capture (GPS point);
- **h.** state of health;
- i. incidents associated with capture likely to affect the animal;
- j. veterinary intervention or treatments;
- **k.** time held in captivity;
- **I.** disposal (euthanasia, re-release, translocation etc);
- **m.** date and time of disposal;
- **n.** details of disposal (if released, exact point of release GPS);
- **o.** for released animals: distance in metres from point of capture to point of release.

7. Post Works Impact Minimisation

As the project area will be cleared of all vegetation, post works impact monitoring and/or impact minimisation is deemed not necessary.

In the event that fauna is found on site post-works, it is recommended personnel contact QFC and a licensed and experienced wildlife consultant can be dispatched to remove and relocate the animal should it be necessary. QFC wildlife consultants are available 24/7 for fauna related call-outs in relation to this project.

It is recommended that if any fauna, such as Kangaroos and Wallabies, are noted in the wider area and appear distressed post-works that QFC be contacted to further assess the situation.

8. Assessment, Conclusion and Fauna Management Recommendations

A number of conclusions and recommendations are presented, with the specific intention of providing a comprehensive management structure to facilitate minimal impact to fauna during the clearing of vegetation and subsequent disturbance of habitats. The directives given by Fauna Spotter Catchers should embrace a "best practice" approach which includes implementation of proven specific management techniques for identified habitat types and compliance with legislation relevant to the activity.

Fauna management is presented here specific to EVNT & SLC fauna, general terrestrial and arboreal fauna and aquatic fauna. Although each is treated separately, overlap does occur within target techniques providing a comprehensive approach for target species of all conservation significance.

9. References

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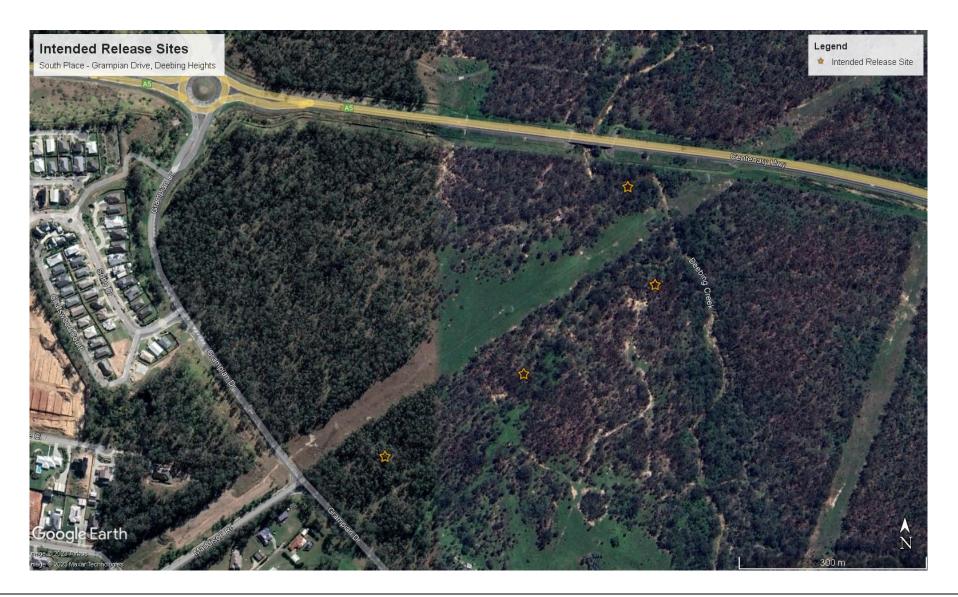
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10. Appendix A: Intended Direction of Clearing



Queensland Fauna Consultancy Pty Ltd 29

11. Appendix B: Intended Release Sites for Wildlife



Queensland Fauna Consultancy Pty Ltd

Grampian Drive, Deebing Heights – Precinct A

Environmental Pre-Start Checklist

Attachment 6 – Appointed Arborist Details



Amy Westman

From: Subject:

RE: 7812 RE: VMP Prestart

From: Kieran Hoy

Sent: Monday, May 15, 2023 4:02 PM

To: Eoin WHITMORE < Joshua Pholi

Cc: Andrew Davies <

Subject: RE: 7812 RE: VMP Prestart

Hi Andrew,

We use Treescience and can confirm they hold level 5 qualification.

CERTIFICATION of PERFORMANCE

I am university educated and certify I have formal qualifications that meet and exceed AQF level 9 in Arboriculture. I have a master's degree with credentials and experience in all areas pertaining to urban forestry and detailed legal matters.

I have inspected the tree(s) and/or the property referred to in this report and have stated my findings accurately to the best of my ability. The extent of the evaluation and appraisal is stated in the report.

That I have no current or prospective interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.

That the analysis, opinions, and conclusions stated herein are my own, and are based on current scientific procedures and facts.

That my compensation is not contingent upon the reporting of a predetermined conclusion that favours the cause of the client or any other party, nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any subsequent events.

That my analysis, opinions, and conclusions were developed, and the report has been prepared according to commonly accepted arboricultural practices.

I further certify that I am a registered approved tree consultant for the 'Queensland Arboricultural Association' (#1481), an active financial member of the world governing body 'International Society of Arboriculture' where I have been a practicing certified international Arborist since 2006 and therefore meet the minimum qualification for writing arboricultural reports under the AQF (Australian Qualification Framework—Level 5).



Kieran Hoy

SENIOR PROJECT MANAGER

WINSLOW QUEENSLAND

Phone

Email

Address Level 1; 85 Brandl Street, Eight Mile Plains QLD 4113

Grampian Drive, Deebing Heights – Precinct A

Environmental Pre-Start Checklist

Attachment 7 – Tree Protection Fencing Signoff





Our Reference: 17094 – South Place Stage 1 & 2 (Clearing)

TPZ Clearing Limit Report

Rev. 00

Project: South Place Stage 1 & 2

Date: 15th May 2023

Principal: Deebing Heights Development Pty Ltd

Contractor: Civil Contractors (Aust) Pty Ltd T/A Winslow

To: Eoin Whitmore, Civil Engineer

SMEC Australia Pty Ltd Level 6, 480 St Pauls Tce Fortitude Valley QLD 4006

The below photographs represent the TPZ clearing limits erected on site prior to the commencement of clearing for the South Place development at 152-280 Grampian Drive, Deebing Heights,

Appendix attached to the back of this document shows the location each photo was taken in numbers to correspond to its order in the below report,

TPZ on Eastern Boundary for tree numbers 3599, 3606, 2712, 147b, 3433, 3434, 3430, 3431, 182b, 2438, 2442, 179b, 2441, 178b, 2443, 2444, 2445, along with all trees to retain in Deebing Creek Fish Passage, photos taken from the Northern end of the TPZ walking South,







TPZ for Tree number 190b



TPZ for Tree number 2063 Photos taken from the northern end of the TPZ walking toward the South $\frac{1}{2}$







Yours sincerely,

Kieran Hoy **Project Manager WINSLOW**

Grampian Drive, Deebing Heights – Precinct A

Environmental Pre-Start Checklist

Attachment 8 – Protected plant clearing exemption



Acknowledgement

Saunders Havill Group Pty Ltd

9 Thompson St BOWEN HILLS QLD 4006 Australia

Where clearing is to be conducted:

LOT 218/SP283121

DES Reference: APP0110805

Dear Saunders Havill Group Pty Ltd,

Thank you for submitting a flora survey report related to clearing native plants under a protected plant clearing exemption.

Please retain this acknowledgement as receipt of your flora survey report submitted under the requirements of "Code of Practice For The Take or Use of a Protected Plant Under An Exemption" which confirms your compliance with Section 48 of Nature Conservation (Plants) Regulation 2020. Please note this acknowledgement is not a clearing permit.

For clearing related to this flora survey report to be exempt under the relevant regulations the clearing must be completed within 3 years after the relevant flora survey was conducted.

It is strongly recommended that for audit purposes you keep this email and acknowledgement of receipt together with the relevant flora survey trigger map, flora survey report and any other documentation relating to the clearing in question.

Please visit www.des.qld.gov.au for information about available online services.

Enquiries:

Email: wildlife@des.qld.gov.au

Postal Address: PO Box 102, Toowoomba, QLD, 4350

Page 1 of 1 ABN 46 640 294 485



Grampian Drive, Deebing Heights – Precinct A

Environmental Pre-Start Checklist

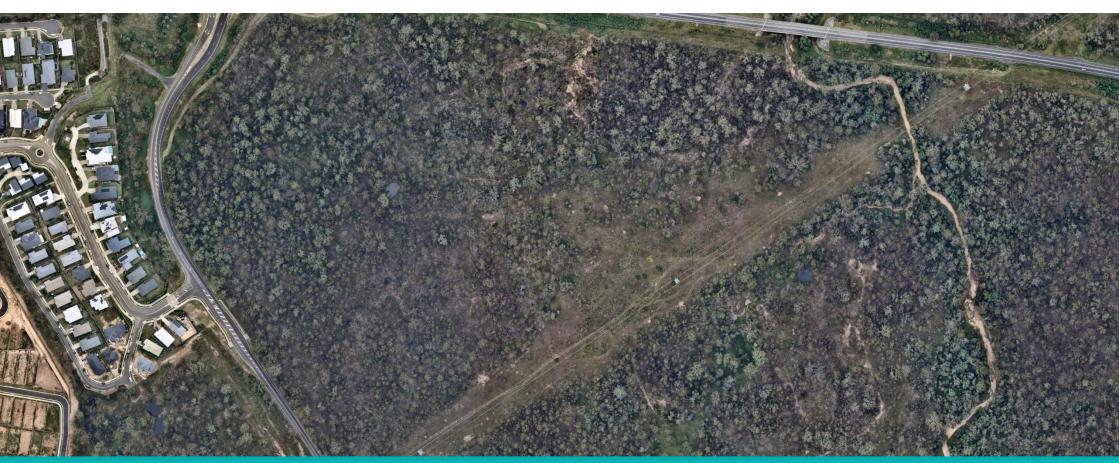
Attachment 9 – Erosion and Sediment Control Plan





EROSION AND SEDIMENT CONTROL PLAN

SOUTH PLACE DEEBING – STAGES 1 & 2 – INITIAL CLEARING



CLIENT: WINSLOW

DOCUMENT NUMBER: 23-0090 / R2743

VERSION: -

DATE: 24/04/2023



SCOPE

Topo were engaged by Winslow to develop a CPESC certified Erosion and Sediment Control Plan (ESCP) for works associated with the initial clearing in Stages 1 & 2 of the South Place Deebing development.

1.1. **GUIDELINES**

This ESCP has been prepared in accordance with the following documents:

- Best Practice Erosion and Sediment Control (IECA, 2008), and
- State Planning Policy (DILGP, 2017)
- Appendix B (IECA, 2018)
- Complying with the SPP Technical Note for Government Development Assessment & Compliance Officers (Healthy Land and Water, 2018)

1.2. **CERTIFICATION**

I Steven Chamberlain certify that this Erosion and Sediment Control Plan (ref: 2743) has been prepared to satisfy the following requirements:

The intent and minimum standards nominated within the IECA (2008) Best Practice Erosion and Sediment Control Guideline.

If followed, it will assist Winslow in meeting environmental obligations defined in the Environmental Protection Act (1994) - s440zg, and the Environmental Protection (Water) Policy (2009).



CPESC No: 6,599, RPEQ No: 15,545

1.3. **REVISION**

VERSION	DATE	AUTHOR	REVIEWER	APPROVED	
-	24/04/2023	R Kleijn	S Chamberlain	S Chamberlain	

2 PROJECT DESCRIPTION

2.1. **LOCATION**

The project is located within the Ipswich City Council LGA and comprises Lot 218 on SP283121. The site is located off Grampian Drive in Deebing Heights, just south of the Centenary Highway. The locality plan and clearing plan are presented in Figure 1.



Figure 1 – Site Location & Clearing Plan (Source: Moremac Precinct A VCFMP)

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SOUTH PLACE DEEBING - STAGES 1 & 2 - INITIAL CLEARING ESCP

2.2. SITE DESCRIPTION

The site is largely undeveloped. The Dispersive Soils Management Plan (DSMP) for the site, prepared by SMEC (November 2022) describes the soils as highly dispersive.

Site conditions on the 1st of April 2023 covering the project area are presented in Figure 2.



Figure 2 – Site Conditions 01 April 2023 (Source: Nearmap)

2.3. **PROJECT WORKS**

Works at this stage are limited to clearing of trees only, without stripping of topsoil (which would expose the highly dispersive soils).

The location and extent of earthworks is illustrated in Figure 3 and Figure 4.

2.4. **CLIMATE**

Works are scheduled to commence in May 2023, after the historically wet summer period and continue into the drier autumn and winter periods.

The historic rainfall for the region is presented in Figure 5. The seasonal outlook, included as Figure 6, indicates median rainfall of 115 mm between March and May with the forecast indicating a low (33 %) chance that this median will be exceeded for the period.

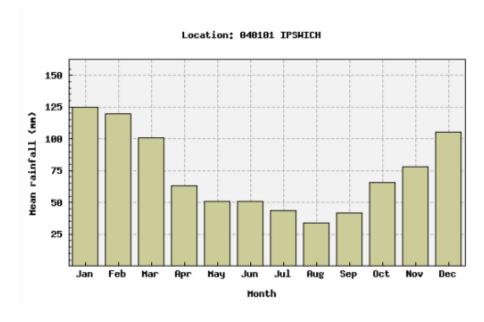


Figure 3 – Historic rainfall (Source: BoM)

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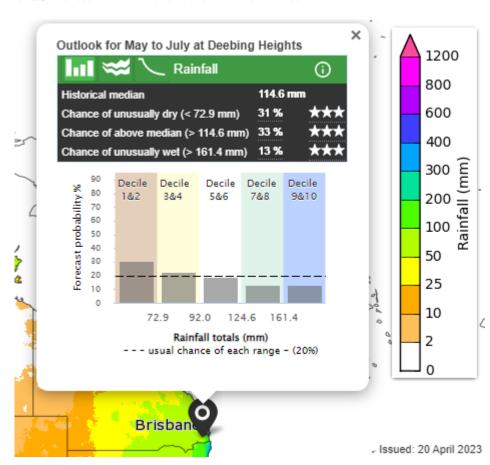


Figure 4 – Seasonal Outlook – May to July 2022 (Source: BoM)

2.5. TOPOGRAPHY AND DRAINAGE

Deebing Creek is located to the west of the greater development. The area being cleared for stages 1 & 2 predominantly grades north west from Grampian Drive to a culvert system that discharges to the north of the Centenary Highway. The site generally consists of steep terrain. Grades on site vary between approximately 5 % along the northern end to > 20 % within the existing gullies. The area closer to Grampian Drive is steeper with slopes over 5 % and between 10 and 15 % at the proposed site entry. Existing gullies are denoted as red in Figure 5. Erosion risk is highest within these gullies.

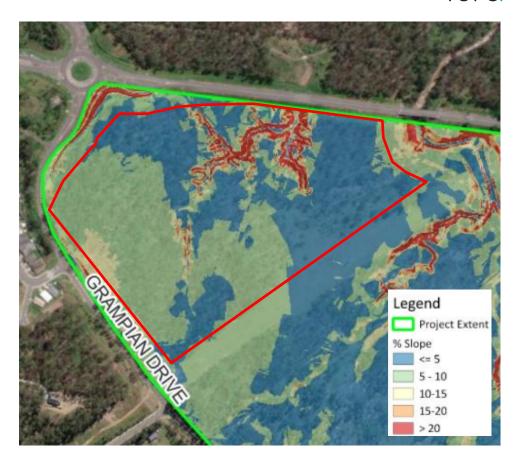


Figure 5 – Slope Map (Source: SMEC)

The catchment plan is shown Figure 6. Additional catchment information is provided in Appendix A.

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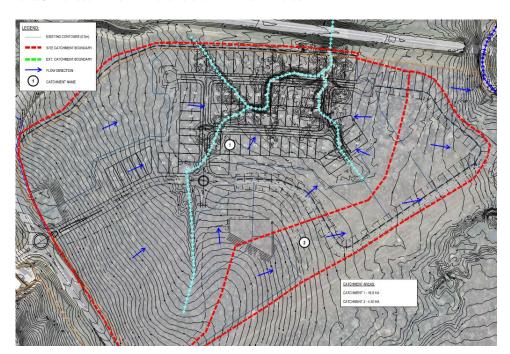


Figure 6 - Catchment Plan

2.6. SOILS

Geotechnical data for the site was available in the DSMP, based on at least 4 boreholes within the project area. The soil is generally described as Silty Clay (CH) and Silty Sandy Clay (CI) for the area being cleared during Stages 1 & 2. Emerson Class numbers of 1 were shown in the test results for the relevant boreholes, indicating the soils are highly dispersive.

Care should be taken in handing dispersive soils and they should be managed in accordance with the approved dispersive soils management plan. During this initial clearing stage ground cover is to be maintained and exposure of soils must be avoided, or erosion control applied immediately.

3 EROSION RISK ASSESSMENT

An erosion risk assessment has been conducted using the Revised Universal Soil Loss Equation (RUSLE). The calculated soil loss is then used to determine the level of sediment control required, as well as stabilisation and staging requirements.

 $A = K \times R \times LS \times P \times C$

Equation 1 (IECA 2008)

Where:

A is the predicted soil loss per hectare per year

K is the soil erodibility factor

R is the rainfall erosivity factor

LS is the slope length/gradient factor

P is the erosion control practice factor

C is the ground cover and management factor

3.1. K-FACTOR – SOILS

Based on the soil descriptions reported within the soil survey (SMEC / Soil Surveys) a K factor of 0.053 has been adopted per Table E5 of IECA (2008) representing Silty Clay and Silty Sandy Clay profiles. Given the Emerson Class 1 described this K factor has been increased by 20% to 0.066, to account for dispersion.

3.2. R- FACTOR – RAINFALL

An annual erosivity factor of 2496 has been adopted based on a 2 year, 6 hour rainfall intensity of 10.7mm/hr.

3.3. LS - SLOPE-LENGTH

LS factors of 1.47 and 2.81 have been adopted for the risk assessment for stage 1 and 2 catchments, corresponding to slopes between 6 % and 9 % and a maximum slope length of 80 m. Mulch berms will be installed to reduce slope lengths as required by Table 4.3.2 of IECA (2008).

3.4. COVER (C) AND PRACTICE (P) FACTORS

Default factors of 1 and 1.3 have been adopted for across the site, in accordance with IECA (2008). Considering ground cover is to be maintained during this initial clearing phase, this is considered quite conservative but appropriate for this risk assessment.

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3.5. ESTIMATED SOIL LOSS

The erosion risk assessment was undertaken for the site catchments based on existing levels. Due to grades on site the estimated soil loss ranges between 315 and 602 t/ha/yr, for respective catchments. Based on the estimated soil loss, catchments present a moderate to high erosion risk rating.

Although results of the soil loss estimation are not an accurate representation of actual soil loss it does provide a basis for the erosion risk assessment and support the general understanding that project works present a moderate to high erosion risk.

Table 2 – Summary of RUSLE Assessment

CATCH ID	AREA (HA)	R	К	SLOPE LENGTH (m)	SLOPE (%)	LS	Р	С	A (t/ha/yr)
1	16.9	2496	0.066	80	9	2.81	1.3	1.00	602
2	4.40	2496	0.066	80	6	1.47	1.3	1.00	315

4 SEDIMENT CONTROL

The calculated soil loss and associated erosion risk determine the minimum sediment control required during the project. Due to the grades on the site and catchment sizes, the site triggers Type 1 sediment controls in accordance with IECA (2018) and the State Planning Policy (DILGP, 2017).

Type 1 sediment controls are to achieve 80% hydrologic efficiency (HE) in accordance with the State Planning Policy (DILGP, 2017). A range of approaches are considered acceptable to achieve compliance with the 80% HE objective:

- High Efficiency Sediment (HES) Basins in accordance with IECA (2018)
- Large Traditional Sediment Basins (in accordance with Table 2 of HLW,2018)
 - + These basins are much larger than traditional Type D basins required under the previous State Planning Policy and IECA (2008)
- Total Capture hold all water on site
- Alternative Innovative Measures
- **Erosion Control**

As Type 1 sediment controls (Sediment Basins) are not proposed to be installed due to works only being clearing with no stripping or earthworks, the proposed methodology to satisfy the requirements is to focus on Erosion Control. Type 2/3 sediment controls will also be installed in the form of mulch berms along the contour in addition to the proposed erosion control. The primary function of the mulch berms will be to act as drainage control measures breaking up long slopes to minimise the potential for rill and sheet erosion.

Mulch can be also be spread as temporary erosion control, outside drainage paths.

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5 DRAINAGE CONTROL

Drainage control considers three main principles; diverting external flow before it enters site, directing site runoff to an appropriate sediment control, and ensuring runoff is conveyed in a non-erosive manner.

Due to the nature of works, mulch berms are to be placed along the contour to minimise the potential for rill and sheet erosion. Spacings of mulch berms is provided in **Appendix A**.

In addition to breaking up long slopes, disturbance of concentrated flowpaths is to be avoided. It is proposed to cut at the stump or use a method that limits the disturbance to ground cover and soil stability with the concentrated drainage paths (gullies). If any concentrated flowpaths are disturbed locally they are to be stabilised with jute or coir mat/mesh, bonded fibre matrix or a more robust lining dependent on the catchment, grade and channel shape.

Where disturbance occurs more widespread in the drainage path, lining requirements are to be determined by a suitably qualified person (SQP) in accordance with Best Practice Erosion and Sediment Control (IECA, 2008), taking into consideration flow velocities, channel shape and grades.

6 EROSION CONTROL

Erosion management techniques for various erosion risk ratings in accordance with IECA (2008) guidelines are presented in Table 2. Based on Section 3, the majority of the site is considered a **moderate to high erosion risk**. These areas are to achieve stabilisation (75%) within 10 days dependent on slope.

Table 3 - Erosion Risk Rating Based on Soil Loss and Required Management (adapted from Table 4.4.7 of IECA, 2008)

EROSION RISK RATING	SOIL LOSS RATE (T/HA/YEAR)	ADVANCE LAND CLEARING ALLOWED (WKS WORK)	MAX DAYS TO STABILISATION	STAGED CONSTRUCTION AND STABILISATION OF EARTH BATTERS > 6H:1V	STOCKPILES STABILISED
Very Low	0 to 150	8	30 (60%)		
Low	150 to 225	8	30 (70%)		
Moderate	225 to 500	6	20 (70%)	✓	
High	500 to 1500	4	10 (75%)	✓	4
Extreme	> 1500	2	5 (80%)	4	√

As erosion control is the core control for the works, if the adopted approach at any time does not achieve the objectives of this ESCP, then a re-assessment is to be undertaken and measures implemented to achieve those outcomes. Indicators could include rill or sheet erosion or degradation of water quality.

Erosion control measures will include soil binder, bonded fibre matrix (in steeper areas as detailed in **Appendix A**) in conjunction with drill seeding and soil amelioration. Erosion control measures are to be implemented directly after clearing and prior to any forecast rainfall. Where clearing, mulching and stabilisation works cannot be completed prior to rainfall, works should be delayed until works can be completed consecutively.

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7 ROLES AND RESPONSIBILITIES

Responsibilities of project personnel in respect to ESC are outlined below:

ROLE	RESPONSIBILITY						
Project Manager	+ Overall responsibility of ESC implementation						
	+ Notify the Administrator of any non-compliance with ESCP						
	+ Ensure the prompt implementation of measures to mitigate erosion and sediment generation						
	Notify ESC Consultant when controls implemented per plan to inspect site and provide inspection certificate						
	Notify ESC Consultant prior to decommissioning of basins (conversion to bio basins) to confirm adequate upslope catchment stabilisation achieved						
Site Supervisor/Foremen	+ Undertake inspection of all control measures, discharge points and boundary of works per inspection requirements						
	+ Monitor daily rainfall						
	+ Notify Environmental Advisor/Consultant when runoff generating rainfall occurs in the previous 24 hours						
	Maintain current records of rainfall, storage volumes, water quality, treatment practices, discharge volumes (as appropriate) Installation and maintenance of ESC						
Project Team	 + Provide design information as required + Conduct in-situ monitoring (as required) 						
	+ Collect and submit samples to laboratory (as required)						
	+ Collate results and prepare reports (as required)						
	+ Conduct site inspections and audits (as required)						
	+ Inspect ESC installation and maintenance						
	+ Inspect offsite impacts and management						
	+ Provide advice regarding ESC site improvement (as required)						
All Personnel	Report any damage to ESC devices and any potential or actual environmental harm in line with Duty to Notify under the requirements of the Environmental Protection Act 1994						

8 SITE INSPECTION AND MONITORING

Site inspections and monitoring is to be undertaken in accordance with Sections 6.17 and 7.4 of the Best Practice Erosion and Sediment Control Document (IECA, 2008) as detailed below.

ESCPs should be considered live documents that in some instances will require review and updating as site conditions change, or if the adopted measures fail to achieve the required treatment standard.

When a site inspection detects a notable failure in the adopted ESC measures, the source of this failure must be reported, investigated and appropriate amendments made to the site and the ESCP.

Best practice site management requires all ESC measures to be inspected at the following frequencies and include the following checks as a minimum:

Daily site inspections (during rainfall)

- + All drainage, erosion and sediment control measures
- + Occurrences of excessive sediment deposition (whether on-site or off-site)
- + All site discharge points (including dewatering activities as appropriate)

Weekly site inspections (even if work is not occurring on-site)

- + All drainage, erosion and sediment control measures
- + Occurrences of excessive sediment deposition (whether on-site or off-site)
- + Occurrences of construction materials, litter or sediment placed, deposited, washed or blown from the site, including deposition by vehicular movements
- + Litter and waste receptors
- + Oil, fuel and chemical storage facilities

Prior to anticipated runoff producing rainfall (within 24 hours of expected rainfall)

- + All drainage, erosion and sediment control measures
- + All temporary flow diversion and drainage works

Following runoff producing rainfall (within 18 hours of rainfall event)

- + All drainage, erosion and sediment control measures
- + Occurrences of excessive sediment deposition (whether on-site or off-site)
- + Occurrences of construction materials, litter or sediment placed, deposited, washed or blown from the site, including deposition by vehicular movements

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APPENDIX A

EROSION AND SEDIMENT CONTROL DRAWINGS





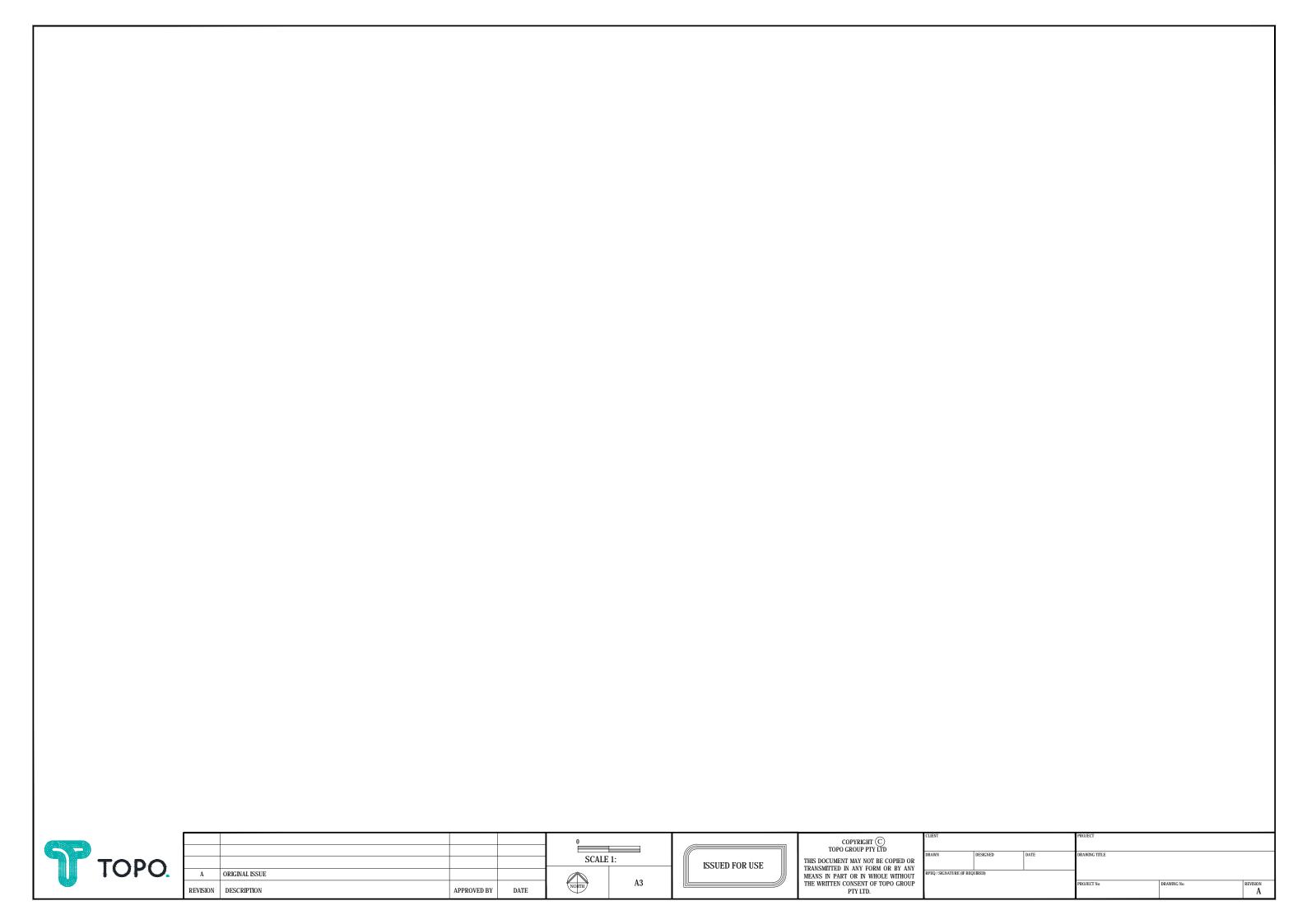


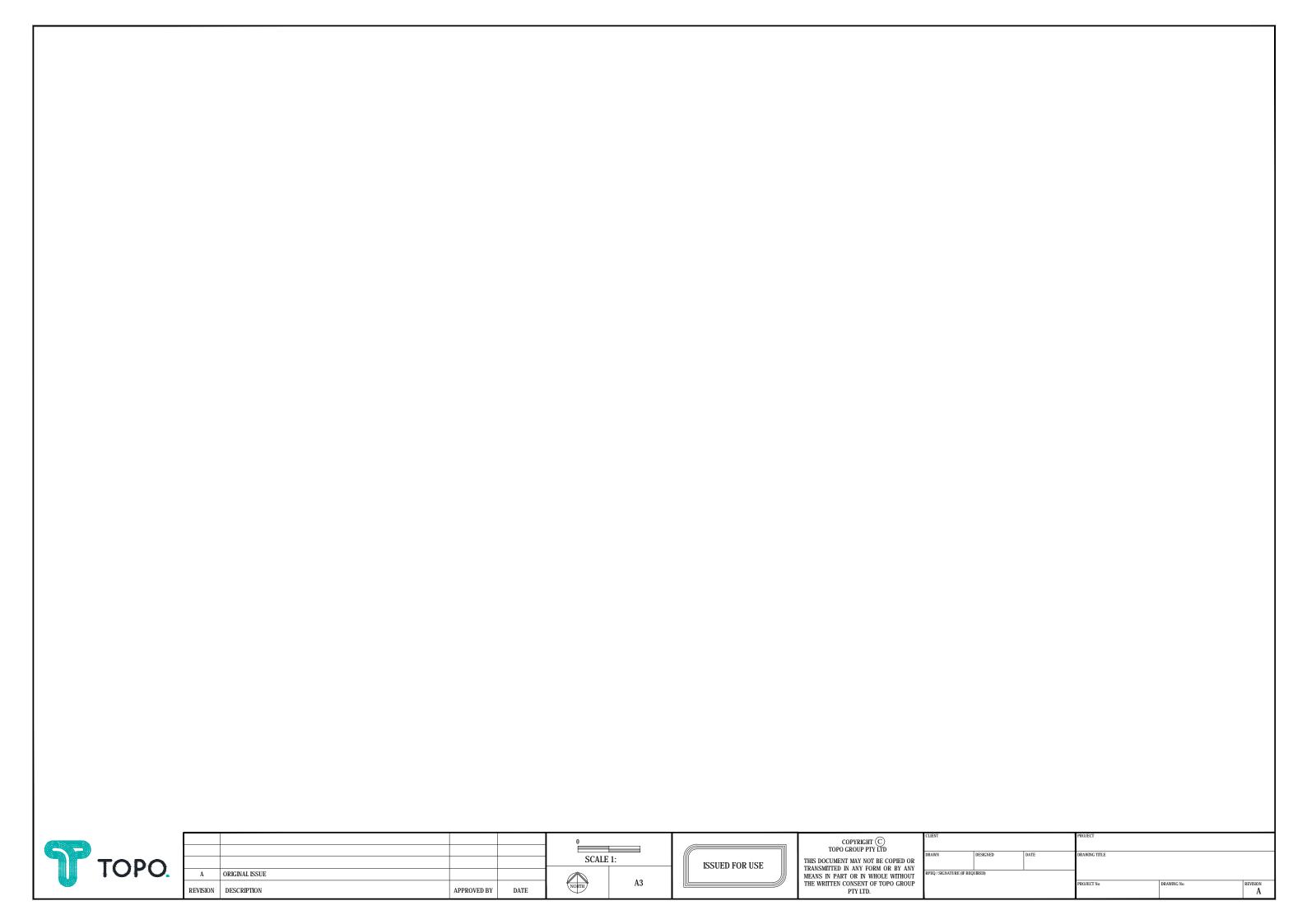


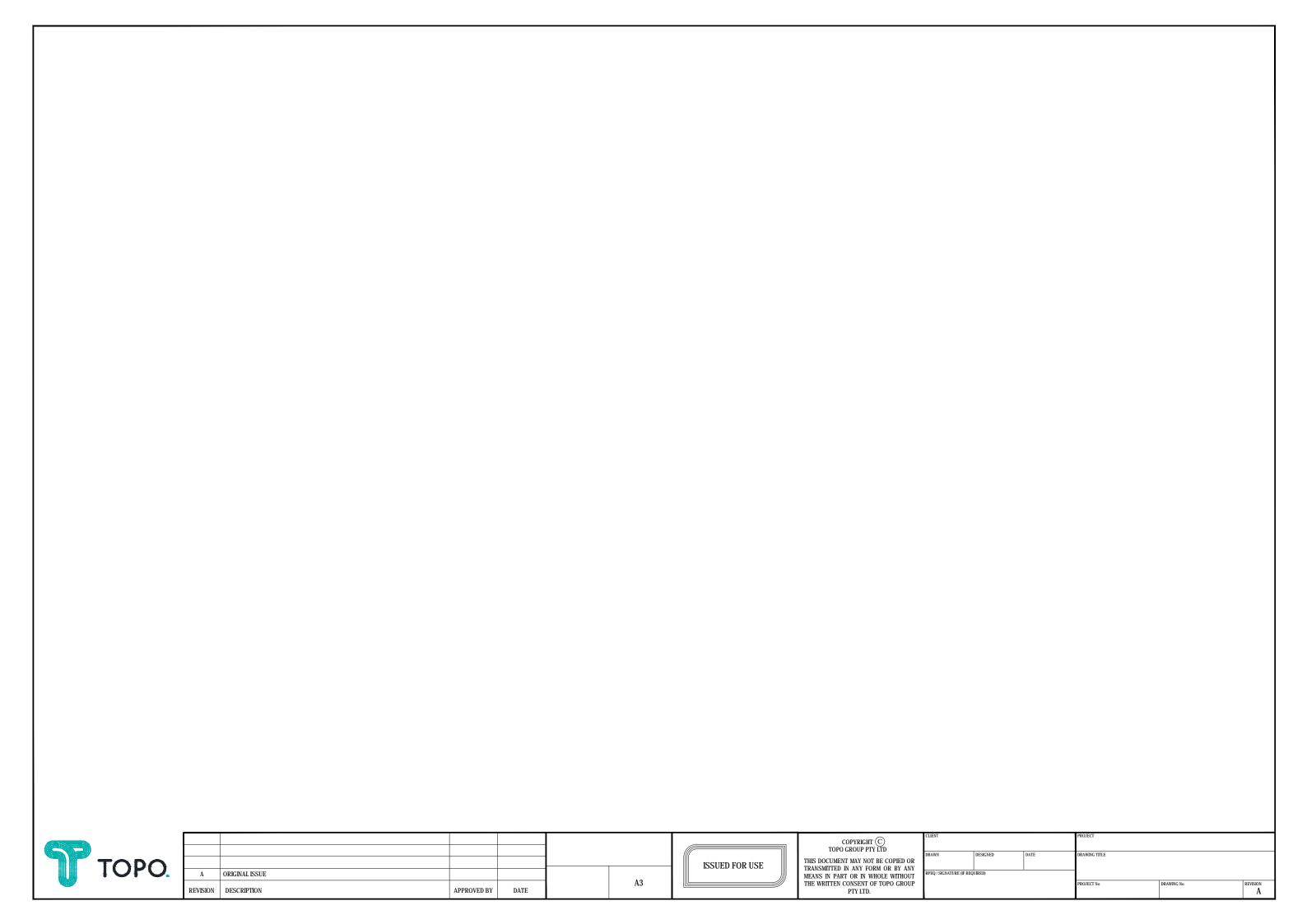
EROSION AND SEDIMENT CONTROL DRAWINGS



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Appendix D

Wildlife Protection Management Plan (WPMP) and Wildlife Habitat and Impact Mitigation Plan (WHIMP)

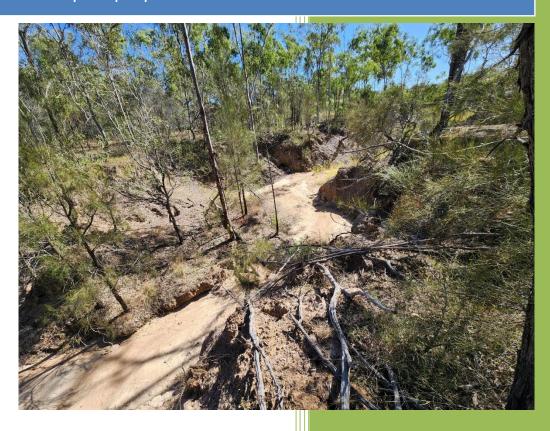






Fauna Spotter Catcher Pre-clearance Survey and Wildlife Protection & Management Plan

South Place – Grampian Drive Deebing Heights, Queensland Report prepared for Winslow



Report prepared by

QLD Fauna Consultancy Pty Ltd

Phone: (07) 3376 9780 Email: fauna@gfc.com.au

Date:	12/05/2023
Title:	Fauna Spotter Catcher Pre-clearance and Habitat Values Survey South Place – Grampian Drive, Deebing Heights, Queensland
Author/s:	Jasmine Zeleny, Bryan Robinson
Reviewed by:	Bryan Robinson
Field personnel:	Jasmine Zeleny
Status:	Final Report
Filed as:	QFC FHA WPMP Winslow Deebing Heights May 2023.doc

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1. Introduction

1.1 Project Background

Queensland Fauna Consultancy Pty Ltd has been engaged by Winslow to conduct a Fauna Spotter Catcher Pre-clearance and Habitat Values Survey and present a subsequent report South Place – Grampian Drive, Deebing Heights, Queensland. The site location is presented in Map 1.

The objective of this report is to summarise the existing fauna values present and assign mitigatory strategies applicable to probable species likely to be encountered during the clearing of identified habitats throughout or within specific localities of the site. Fauna species both common and of elevated conservation value have been considered within the parameters of onsite investigations and, where provided to QFC, include review of current fauna and floristic reports that may influence the assemblages expected to utilise the micro habitats evident within the site.

This review encompasses species identified under the provisions of the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 and the Queensland Nature Conservation Act 1992. Further consideration is given, where applicable, to species of iconic, cultural and/or regional significance identified under commonwealth, state or local planning instruments aimed at the persistence of biodiversity values within the area.

1.2 Project Location and Site Description

South Place is located on the eastern side of Grampian Drive, Deebing Heights, immediately south of the Centenary Highway and adjacent to Soho Drive, Deebing Heights. The total clearing area is approximately 20 hectares.

Existing features exhibit predominantly regrowth eucalypt woodland with eroded gullies and creeks. Dominant trees species include *Acacia* species, *Allocasuarina luehmannii, Eucalyptus tereticornis, E. siderophloia, E. crebra, E. melanophloia, Corymbia citriodora, C. tesselaris, Angophora leiocarpa, and Lophostemon suaveolens*. Understorey vegetation consists of grass, area of dense weed growth, and dense leaf litter.

Map 1: Project Location



Source: Adapted from Queensland Globe (2023)

1.3 Current Permits and Authorities

All activities conducted during the site investigations were implemented under the provisions of several permits issued to Queensland Fauna Consultancy Pty Ltd by the Department of Environment and Science (DES), and the Department of Agriculture and Fisheries (DAF). These permits and additional authorities are listed in Table 1.

Table 1: Current Permits and authorities issued to QFC

Permit/Authorisation	Permit Number	Expiry Date
Damage Mitigation Permit	WA0047114	31 st October 2025
Rehabilitation Permit	WA0026789	16th September 2023
Scientific Purposes Permit	WA0032325	3 rd March 2026
Scientific User Registration	Registration Number 589	27 th February 2025
Animal Ethics	CA 2022/01/1569	27 th February 2025
General Fisheries Permit	262922	10 th May 2026

These permits and approvals enable QFC to conduct the investigation, observation and relocation of protected animals exposed to disturbance due to infrastructure expansion resulting in the destruction of natural and artificial habitats.

2. Methodology

A site inspection was carried out on the 2nd and 10th of May 2023 by Qld Fauna Consultancy. A standard set of observational techniques aimed at maximising the detection of fauna and the probable habitats they may occupy were employed to ascertain and identify the current fauna values throughout the project area. Where species of elevated conservation significance where foreseen as potentially present targeted searches were instigated to further evaluate individual species habitat.

Due to the habitat variability expressed across the development site the composition of investigations may include a range of features that entail specific components indicative of the presence of particular species or faunal groups. This may include where evident, observation of activity or signs of both historical and current use.

These may include but are not limited to the following:

- Identification of terrestrial microhabitats such as ground hollows, rock, burrows, leaf litter, stands of heavy vegetation, fallen branches and bark exfoliations;
- Identification of arboreal micro habitats including basal, trunk and limb hollows, tree fissures, bark exfoliates and arboreal termitaria;
- Identification of constructed arboreal micro habitats including bird nests and Ringtail Possum dreys;
- Artificial habitats including, but not limited to ornamental gardens, discarded rubbish, human dwellings and other infrastructure;
- Observation and investigation of aquatic habitats including dams, soaks, creeks, rivers and seasonally inundated vegetation communities. Artificial aquatic habitats may include constructed drains and culverts. Further components of interest include bank profiles and undercuts, submerged and/or exposed timber and rock, immediate aquatic and riparian vegetation, surfacing animals, nesting and/or feeding birds;
- Direct observation of active or exposed fauna within terrestrial, aquatic and arboreal habitats;
- Identification of scats, tracks and scratchings to determine fauna potentially present or to have historically utilised the site for either transient or longer-term life history purposes.

2.1 Specific methodology for Koalas *Phascolarctos cinereus*

Due to specific requirements and the cryptic nature of the Koala the following techniques were employed to assist in ascertaining the current and historical presence/absence status of the species at the site:

- Use of binoculars to inspect the crown, forks and trunk of trees for individuals currently occupying the site;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas.

3. Findings

The findings endeavor to demarcate the existing habitat profiles and the features present into three distinct groups: terrestrial, arboreal and aquatic. All habitat features present onsite are noted, however it is probable additional features will be present with these being accounted for during the Fauna Spotter Catcher process to be applied to all vegetation clearing across the site.

3.1 Terrestrial Habitat Features

The terrestrial fauna values of the site consist of different components and microhabitat features. This includes an open low-level understorey with sections exhibiting dense cover provided by grass (Figure 1 and Figure 2) and weed species such as Lantana Lantana camara (Figure 3), Mother-of-millions Bryophyllum delagoense (Figure 4) and Creeping Lantana Lantana montevidensis (Figure 5). Dense leaf litter and basal bark exfoliations (Figure 6 to Figure 9) also feature on site, being present in abundance and at variable depths, providing refugial opportunities and microhabitat connectivity that can be exploited by many different native terrestrial vertebrate and invertebrate species.

The site is also exhibitive of scattered woody debris, hollow logs, rocks, and artificial debris (Figure 10 to Figure 18), providing refugial and foraging opportunities, and a contributory factor to the provision of a variety of thermal and moisture gradients that can be exploited by a number of different native terrestrial vertebrate and invertebrate species.

Terrestrial termite mounds feature heavily onsite (Figure 19 to Figure 21), with numerous mounds displaying excavations typical of the Short-beaked Echidna *Tachyglossus aculeatus* (Figure 22 to Figure 24). These excavated mounds also provide refugial opportunities for reptiles, amphibians, and small mammals.

Mammal assemblages may comprise both native and introduced species. Macropod presence within the clearance zone was indicated by scat and tracks (Figure 25 and Figure 26), as well as several sightings of Red-necked Wallabies *Notamacropus rufogriseus*. Other native mammals which may occur on site include the Northern Brown Bandicoot *Isoodon macrourus* which may be present in localities with significant vegetative ground cover.

These features collectively contribute to the potential presence of a variety of native fauna species utilising the area for refugial, foraging and other resources. A comprehensive list of fauna species recorded in the region can be viewed in Appendix C.

GPS coordinates for all indicative terrestrial habitat features are shown in Table 2. Localities for identified terrestrial habitat features are presented in Map 2.

Table 2: Localities for identified terrestrial habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Artificial Debris	-27.6826337,152.7594845
2	Hollow Log	-27.6845519,152.7598932
3	Hollow Log	-27.684141,152.7596053
4	Hollow Log	-27.6839488,152.7595648
5	Hollow Log	-27.6836789,152.7593414
6	Hollow Log	-27.6836093,152.7594461
7	Hollow Log	-27.6841502,152.7607599
8	Hollow Log	-27.6814516,152.75943
9	Hollow Log	-27.6811891,152.7595781
10	Hollow Log	-27.6814549,152.7610247
11	Hollow Log	-27.6812669,152.7606495
12	Hollow Log	-27.6812643,152.7606511
13	Hollow Log	-27.6811897,152.7605825
14	Hollow Log	-27.6818793,152.762211
15	Terrestrial Termitaria	-27.685164,152.7602135
16	Terrestrial Termitaria	-27.6847873,152.7600276
17	Terrestrial Termitaria	-27.684645,152.7599095
18	Terrestrial Termitaria	-27.6845124,152.7598452
19	Terrestrial Termitaria	-27.684631,152.7597476
20	Terrestrial Termitaria	-27.6845641,152.7599013
21	Terrestrial Termitaria	-27.6845589,152.7599172
22	Terrestrial Termitaria	-27.6845518,152.759887
23	Terrestrial Termitaria x 6	-27.6843644,152.7597834
24	Terrestrial Termitaria	-27.6841847,152.7595412
25	Terrestrial Termitaria	-27.6838569,152.7594522
26	Terrestrial Termitaria	-27.6838577,152.7593398

27	Terrestrial Termitaria	-27.6836501,152.7592816
28	Terrestrial Termitaria	-27.6835504,152.7594228
29	Terrestrial Termitaria	-27.68371,152.758988
30	Terrestrial Termitaria	-27.6835644,152.7590399
31	Terrestrial Termitaria	-27.6835204,152.7588891
32	Terrestrial Termitaria	-27.6833197,152.7589216
33	Terrestrial Termitaria	-27.6833576,152.7590662
34	Terrestrial Termitaria x 2	-27.6832435,152.7589933
35	Terrestrial Termitaria	-27.6831383,152.7590886
36	Terrestrial Termitaria	-27.6832974,152.7586998
37	Terrestrial Termitaria	-27.6826934,152.7587021
38	Terrestrial Termitaria	-27.68269,152.7586952
39	Terrestrial Termitaria	-27.6822713,152.7587247
40	Terrestrial Termitaria	-27.6823369,152.7586911
41	Terrestrial Termitaria	-27.682213,152.7586563
42	Terrestrial Termitaria	-27.6832794,152.759325
43	Terrestrial Termitaria	-27.6833215,152.7592001
44	Terrestrial Termitaria	-27.6832841,152.7593212
45	Terrestrial Termitaria	-27.6835225,152.7598438
46	Terrestrial Termitaria	-27.6836017,152.759636
47	Terrestrial Termitaria	-27.6838834,152.7599074
48	Terrestrial Termitaria	-27.6839206,152.7598686
49	Terrestrial Termitaria	-27.6839644,152.7600389
50	Terrestrial Termitaria	-27.6841231,152.7599404
51	Terrestrial Termitaria	-27.6840672,152.7602328
52	Terrestrial Termitaria	-27.6841503,152.760759
53	Terrestrial Termitaria	-27.6846792,152.7604562
54	Terrestrial Termitaria	-27.68475,152.7604175
55	Terrestrial Termitaria	-27.6848146,152.7608149

56	Terrestrial Termitaria	-27.6845897,152.7610559
57	Terrestrial Termitaria	-27.6843905,152.7610505
58	Terrestrial Termitaria	-27.6841394,152.7608067
59	Terrestrial Termitaria	-27.6839801,152.7607996
60	Terrestrial Termitaria	-27.6838306,152.7606353
61	Terrestrial Termitaria	-27.6837324,152.7606863
62	Terrestrial Termitaria	-27.6837337,152.7606367
63	Terrestrial Termitaria	-27.6835646,152.7606604
64	Terrestrial Termitaria	-27.6833776,152.7602441
65	Terrestrial Termitaria	-27.6832323,152.7602948
66	Terrestrial Termitaria	-27.683131,152.759881
67	Terrestrial Termitaria	-27.683525,152.7598315
68	Terrestrial Termitaria	-27.6830795,152.7602499
69	Terrestrial Termitaria	-27.6830583,152.7601438
70	Terrestrial Termitaria	-27.6830112,152.7598333
71	Terrestrial Termitaria	-27.6826994,152.7593915
72	Terrestrial Termitaria	-27.6821407,152.7593677
73	Terrestrial Termitaria	-27.6821388,152.7593659
74	Terrestrial Termitaria	-27.6816211,152.7594572
75	Terrestrial Termitaria	-27.6811419,152.7596296
76	Terrestrial Termitaria	-27.682767,152.7604293
77	Terrestrial Termitaria	-27.6827849,152.7605773
78	Terrestrial Termitaria	-27.6828356,152.7606256
79	Terrestrial Termitaria	-27.6830544,152.7606388
80	Terrestrial Termitaria	-27.6831245,152.760682
81	Terrestrial Termitaria	-27.6831969,152.7607816
82	Terrestrial Termitaria x 3	-27.6843523,152.7614285
83	Terrestrial Termitaria	-27.6840684,152.7615228
84	Terrestrial Termitaria	-27.6839861,152.7612055

85	Terrestrial Termitaria	-27.6840751,152.7611506
86	Terrestrial Termitaria	-27.6837233,152.7612971
87	Terrestrial Termitaria	-27.6835709,152.7612498
88	Terrestrial Termitaria	-27.6834302,152.7611017
89	Terrestrial Termitaria x 4	-27.6833638,152.760929
90	Terrestrial Termitaria x 2	-27.6832577,152.7611186
91	Terrestrial Termitaria	-27.6831432,152.7611326
92	Terrestrial Termitaria	-27.6829597,152.760963
93	Terrestrial Termitaria	-27.6825466,152.7607853
94	Terrestrial Termitaria	-27.6823374,152.7605411
95	Terrestrial Termitaria	-27.6823231,152.7603157
96	Terrestrial Termitaria	-27.6818335,152.7603236
97	Terrestrial Termitaria	-27.6816967,152.7601429
98	Terrestrial Termitaria	-27.6811166,152.7600922
99	Terrestrial Termitaria x 2	-27.6810229,152.7600441
100	Terrestrial Termitaria	-27.6810455,152.7601961
101	Terrestrial Termitaria	-27.6809221,152.760348
102	Terrestrial Termitaria	-27.6811552,152.7603665
103	Terrestrial Termitaria	-27.682464,152.7611111
104	Terrestrial Termitaria	-27.6828935,152.7612888
105	Terrestrial Termitaria	-27.6831812,152.7613633
106	Terrestrial Termitaria	-27.6833716,152.7614548
107	Terrestrial Termitaria	-27.6833846,152.761458
108	Terrestrial Termitaria	-27.6837942,152.7614217
109	Terrestrial Termitaria	-27.6840815,152.7615485
110	Terrestrial Termitaria	-27.684322,152.7617424
111	Terrestrial Termitaria	-27.6840856,152.7619281
112	Terrestrial Termitaria	-27.6839458,152.7618982
113	Terrestrial Termitaria	-27.6838559,152.7618364

114	Terrestrial Termitaria	-27.6837755,152.7617683
115	Terrestrial Termitaria	-27.6837661,152.7617501
116	Terrestrial Termitaria	-27.6836697,152.7617185
117	Terrestrial Termitaria	-27.6834422,152.7615731
118	Terrestrial Termitaria x 2	-27.6836254,152.7622581
119	Terrestrial Termitaria	-27.6838464,152.7623167
120	Terrestrial Termitaria	-27.683845,152.7620707
121	Terrestrial Termitaria	-27.6834641,152.7618973
122	Terrestrial Termitaria x 3	-27.6831061,152.761794
123	Terrestrial Termitaria x 2	-27.6826623,152.7615513
124	Terrestrial Termitaria	-27.6826623,152.761551
125	Terrestrial Termitaria	-27.681613,152.7613979
126	Terrestrial Termitaria	-27.6816184,152.7613465
127	Terrestrial Termitaria x 2	-27.6811864,152.7605858
128	Terrestrial Termitaria	-27.6812088,152.7610814
129	Terrestrial Termitaria	-27.6814676,152.7612844
130	Terrestrial Termitaria	-27.683428,152.7623671
131	Terrestrial Termitaria x 2	-27.6833398,152.7622827
132	Terrestrial Termitaria x 2	-27.6832744,152.762142
133	Terrestrial Termitaria x 2	-27.683468,152.7620421
134	Terrestrial Termitaria	-27.6834824,152.7618857
135	Terrestrial Termitaria	-27.6834867,152.7618687
136	Terrestrial Termitaria	-27.6829591,152.7618998
137	Terrestrial Termitaria	-27.6829604,152.7619134
138	Terrestrial Termitaria	-27.682767,152.7617414
139	Terrestrial Termitaria x 2	-27.6826816,152.7615291
140	Terrestrial Termitaria	-27.6829126,152.761373
141	Terrestrial Termitaria	-27.6826222,152.7615127
142	Terrestrial Termitaria	-27.6826242,152.7615194

143	Terrestrial Termitaria x 2	-27.682626,152.761526
144	Terrestrial Termitaria	-27.682082,152.7615891
145	Terrestrial Termitaria	-27.6809788,152.7619005
146	Terrestrial Termitaria	-27.6809729,152.7619059
147	Terrestrial Termitaria	-27.6809243,152.7619087
148	Terrestrial Termitaria	-27.6814247,152.7617403
149	Terrestrial Termitaria	-27.6815056,152.7617245
150	Terrestrial Termitaria	-27.6817775,152.7609404
151	Terrestrial Termitaria	-27.6819691,152.7615867
152	Terrestrial Termitaria	-27.6821934,152.7621501
153	Terrestrial Termitaria	-27.6820815,152.762315
154	Terrestrial Termitaria	-27.6818003,152.7621432
155	Terrestrial Termitaria	-27.6817071,152.7622452
156	Terrestrial Termitaria	-27.6814274,152.7621514
157	Terrestrial Termitaria	-27.6813192,152.762298
158	Terrestrial Termitaria	-27.6818363,152.7621225
159	Terrestrial Termitaria	-27.6826479,152.7622348
160	Terrestrial Termitaria x 2	-27.6825255,152.7619286
161	Terrestrial Termitaria	-27.6827456,152.7617499
162	Terrestrial Termitaria	-27.6832413,152.7621472
163	Terrestrial Termitaria	-27.6832869,152.7622105
164	Terrestrial Termitaria	-27.6832236,152.7622874
165	Terrestrial Termitaria	-27.6832668,152.7625952
166	Terrestrial Termitaria	-27.6834864,152.7625162
167	Terrestrial Termitaria x 3	-27.6833805,152.7622893
168	Terrestrial Termitaria	-27.6834479,152.7624817
169	Terrestrial Termitaria	-27.683254,152.7626128
170	Terrestrial Termitaria	-27.6834298,152.762855
171	Terrestrial Termitaria	-27.683616,152.7628345
-		

172	Terrestrial Termitaria	-27.6832112,152.7631666
173	Terrestrial Termitaria	-27.6825262,152.762686
174	Terrestrial Termitaria	-27.6818237,152.7627118
175	Terrestrial Termitaria	-27.6823785,152.7633421
176	Terrestrial Termitaria	-27.6824541,152.7636156
177	Terrestrial Termitaria	-27.6828542,152.7635783
178	Terrestrial Termitaria	-27.6828412,152.7634716
179	Terrestrial Termitaria	-27.6824521,152.7636258
180	Terrestrial Termitaria	-27.682678,152.7638836
181	Terrestrial Termitaria	-27.6828026,152.7638646
182	Terrestrial Termitaria	-27.6828535,152.7639097
183	Terrestrial Termitaria	-27.6828244,152.7640146
184	Terrestrial Termitaria	-27.6827105,152.7641177
185	Terrestrial Termitaria	-27.682448,152.7636344
186	Terrestrial Termitaria	-27.6822757,152.763495
187	Terrestrial Termitaria	-27.6818074,152.763229
188	Terrestrial Termitaria	-27.6818028,152.7632315
189	Terrestrial Termitaria	-27.6817707,152.7632248
190	Terrestrial Termitaria	-27.6817014,152.7628664
191	Terrestrial Termitaria	-27.6816629,152.7631303
192	Terrestrial Termitaria	-27.6810112,152.7632041
193	Terrestrial Termitaria	-27.6810929,152.763338
194	Terrestrial Termitaria	-27.6812193,152.7637462
195	Terrestrial Termitaria	-27.681764,152.7638025
196	Terrestrial Termitaria	-27.6822447,152.7638755
197	Terrestrial Termitaria	-27.6822819,152.7639382
198	Terrestrial Termitaria	-27.6822771,152.764062
199	Terrestrial Termitaria	-27.6823257,152.7641347
200	Terrestrial Termitaria	-27.6821712,152.7641084

201	Terrestrial Termitaria	-27.6822271,152.7642165
202	Terrestrial Termitaria	-27.6824392,152.7646321
203	Terrestrial Termitaria	-27.6822186,152.7645572
204	Terrestrial Termitaria	-27.681632,152.7644848
205	Terrestrial Termitaria	-27.6814206,152.7645007
206	Terrestrial Termitaria	-27.6816539,152.7644952
207	Terrestrial Termitaria	-27.6813955,152.7644715
208	Terrestrial Termitaria	-27.6817731,152.7645825
209	Terrestrial Termitaria x 2	-27.6820065,152.7649369
210	Terrestrial Termitaria	-27.682267,152.7649597
211	Woody Debris	-27.6850211,152.7602006
212	Woody Debris	-27.6847635,152.7598288
213	Woody Debris	-27.6843567,152.7597354
214	Woody Debris	-27.6839626,152.7594679
215	Woody Debris	-27.6838577,152.7593398
216	Woody Debris	-27.6838599,152.7593328
217	Woody Debris	-27.6832105,152.7590749
218	Woody Debris	-27.6831392,152.7589408
219	Woody Debris	-27.6830395,152.7587378
220	Woody Debris	-27.6827997,152.7589079
221	Woody Debris	-27.6827785,152.7589085
222	Woody Debris	-27.6826914,152.7586956
223	Woody Debris	-27.6826496,152.7586026
224	Woody Debris	-27.6821035,152.7587774
225	Woody Debris	-27.6825426,152.7589074
226	Woody Debris	-27.682555,152.7589054
227	Woody Debris	-27.6827407,152.7591105
228	Woody Debris	-27.6829839,152.7592256
229	Woody Debris	-27.6831892,152.7592495

230	Woody Debris	-27.6833545,152.7594546
231	Woody Debris	-27.6833835,152.759768
232	Woody Debris	-27.6835411,152.75972
233	Woody Debris	-27.6837159,152.7598098
234	Woody Debris	-27.684043,152.7599851
235	Woody Debris	-27.6840685,152.7601065
236	Woody Debris	-27.6841063,152.7606873
237	Woody Debris	-27.6842303,152.7608105
238	Woody Debris	-27.6843886,152.7610501
239	Woody Debris	-27.684274,152.7610342
240	Woody Debris	-27.6839801,152.7607984
241	Woody Debris	-27.6838394,152.7606078
242	Woody Debris	-27.6834712,152.7605577
243	Woody Debris	-27.6832746,152.7600219
244	Woody Debris	-27.6831214,152.7602218
245	Woody Debris	-27.6833182,152.7598865
246	Woody Debris	-27.6834199,152.7598493
247	Woody Debris	-27.6830702,152.760234
248	Woody Debris	-27.6830212,152.7598245
249	Woody Debris	-27.6827455,152.759686
250	Woody Debris	-27.6826951,152.7593899
251	Woody Debris	-27.681487,152.7594464
252	Woody Debris	-27.6814674,152.7594442
253	Woody Debris	-27.6827413,152.7597691
254	Woody Debris	-27.6826872,152.7601862
255	Woody Debris	-27.6828032,152.7602647
256	Woody Debris	-27.6828287,152.7604988
257	Woody Debris	-27.6831231,152.7606837
258	Woody Debris	-27.6842741,152.7615758

259	Woody Debris	-27.6841545,152.7614129	
260	Woody Debris	-27.6837887,152.7612318	
261	Woody Debris	-27.6837653,152.7611389	
262	Woody Debris	-27.6837682,152.761149	
263	Woody Debris	-27.6831368,152.7611326	
264	Woody Debris	-27.6823251,152.7603141	
265	Woody Debris	-27.6821948,152.7604675	
266	Woody Debris	-27.6811504,152.7603677	
267	Woody Debris	-27.681708,152.7604672	
268	Woody Debris	-27.6819933,152.7606586	
269	Woody Debris	-27.6824997,152.7612048	
270	Woody Debris	-27.6829768,152.7612229	
271	Woody Debris	-27.6840699,152.7618915	
272	Woody Debris	-27.683106,152.7617949	
273	Woody Debris	-27.68128,152.7608445	
274	Woody Debris	-27.6831002,152.7617644	
275	Woody Debris	-27.6826261,152.7615183	
276	Woody Debris	-27.6823832,152.7613493	
277	Woody Debris	-27.6823925,152.7613729	
278	Woody Debris	-27.6820536,152.7617111	
279	Woody Debris	-27.6809412,152.7614546	
280	Woody Debris	-27.6809516,152.7617846	
281	Woody Debris	-27.6813261,152.7616337	
282	Woody Debris	-27.6814413,152.7616044	
283	Woody Debris	-27.681703,152.7610901	
284	Woody Debris	-27.6820741,152.7617175	
285	Woody Debris	-27.6821341,152.7618669	
286	Woody Debris	-27.6821961,152.7621414	
287	Woody Debris	-27.6820341,152.7624059	

288	Woody Debris	-27.6814787,152.7621007	
289	Woody Debris	-27.6818829,152.7627085	
290	Woody Debris	-27.68234,152.7629237	
291	Woody Debris	-27.6817661,152.7630312	
292	Woody Debris	-27.6816981,152.7628626	
293	Woody Debris	-27.6816015,152.763353	
294	Woody Debris	-27.6813012,152.7632953	
295	Woody Debris	-27.6812056,152.7634278	
296	Woody Debris	-27.6812807,152.7633302	
297	Woody Debris	-27.6811417,152.7637152	
298	Woody Debris	-27.6817809,152.7637402	
299	Woody Debris	-27.6817828,152.7637375	
300	Woody Debris	-27.6823389,152.7638772	
301	Woody Debris	-27.6821645,152.7641091	
302	Woody Debris	-27.681732,152.7643072	
303	Woody Debris	-27.6815939,152.7643759	
304	Woody Debris	-27.6812444,152.7643444	
305	Woody Debris	-27.6812628,152.7641228	
306	Woody Debris	-27.6813137,152.7640782	
307	Woody Debris	-27.681371,152.7640211	
308	Woody Debris	-27.6813857,152.7639585	
309	Woody Debris	-27.6815101,152.7638541	
310	Woody Debris	-27.681687,152.7646191	
311	Woody Debris	-27.6817289,152.7646509	
312	Woody Debris	-27.6817447,152.7646239	
313	Woody Debris	-27.6821253,152.7650037	



Figure 1: Dense grass



Figure 2: Dense grass



Figure 3: Lantana Lantana caamara



Figure 4: Mother-of-millions Bryophyllum delagoense



Figure 5: Creeping Lantana Lantana montevidensis



Figure 6: Dense leaf litter



Figure 7: Bark exfoliations



Figure 8: Bark exfoliations



Figure 9: Bark exfoliations



Figure 10: Woody debris



Figure 11: Woody debris



Figure 12: Woody debris



Figure 13: Woody debris



Figure 14: Hollow log



Figure 15: Hollow log



Figure 16: Hollow log



Figure 17: Hollow log



Figure 18: Rocks



Figure 19: Terrestrial termitaria



Figure 20: Terrestrial termitaria



Figure 21: Terrestrial termitaria



Figure 22: Terrestrial termitaria with excavation



Figure 23: Terrestrial termitaria with excavation



Figure 24: Terrestrial termitaria with excavations







Figure 26: Macropod tracks

3.2 Arboreal Habitat Features

The majority of the clearance area consists predominantly of regrowth Eucalypt and Acacia woodland (Figure 27 to Figure 32) consisting of trees of varying height, species and density suitable for feeding and nesting resources. The intermittent contiguous canopy structure within the vegetation represented may be facilitative of arboreal progression for species such as Common Brushtail Possum *Trichosurus vulpecula*, Common Ringtail Possum *Pseudocheirus peregrinus* and Squirrel Glider *Petaurus norfolcensis* (Figure 33).

Hollow-bearing trees, stag trees, fissures, and hollow tree stumps are present in the clearance area (Figure 34 to Figure 47), which may provide habitat opportunities for arboreal mammals, reptiles, and birds. Exfoliating bark on tree trunks may provide refugial opportunities for reptile species including skinks and geckos (Figure 48 to Figure 50).

Arboreal termite mounds are also present across the site (Figure 51 and Figure 52), with numerous mounds exhibiting excavations (Figure 53 to Figure 56). A number of suitable mounds were located with the potential for use as egg deposition and incubation sites by species such as the Lace Monitor *Varanus varius*, Laughing Kookaburra *Dacelo novaeguineae*, and Sacred Kingfisher *Todiramphus sanctus*. Mammals have also been known to utilise these features for shelter where hollows are not readily available.

Five avian stick nests were located during the inspection but did not appear active at the time of the survey (Figure 57 to Figure 60). However, further inspections are recommended immediately prior to clearing commencement. A number of avian species were observed utilising the site at the time of the inspection (foraging or perching) (Figure 61), these species are presented in Table 4.

No Possum dreys were located during the inspection, however, the dense vegetation structure in some areas may have concealed visibility and further inspections are recommended immediately prior to clearing commencement. Possum activity was evident in the form of scratchings on several tree trunks (Figure 62).

GPS coordinates for all indicative arboreal habitat features are shown in Table 3. Localities for identified arboreal habitat features are presented in Map 2.

Primary and secondary Koala food trees located in the clearance area and include *Eucalyptus tereticornis, E. siderophloia, E. crebra, E. melanophloia, Corymbia citriodora, C. tesselaris, Angophora leiocarpa, and L. suaveolens*. However, no evidence was observed to indicate recent use of these trees by koalas. No koala scats were found during 'drip zone' searches and characteristic scratchings were not found during trunk investigations. A Koala habitat values map for the clearance area is presented in Appendix A.

Table 3: Localities for identified arboreal habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)	
1	Arboreal Termitaria	-27.6847565,152.7603389	
2	Arboreal Termitaria	-27.6839275,152.7608828	
3	Arboreal Termitaria	-27.6812246,152.7597773	
4	Arboreal Termitaria	-27.6840939,152.7611483	
5	Arboreal Termitaria	-27.6823148,152.7603896	
6	Arboreal Termitaria	-27.6821742,152.7605149	
7	Arboreal Termitaria	-27.6841627,152.7620358	
8	Arboreal Termitaria	-27.6829413,152.7619631	
9	Arboreal Termitaria	-27.6821888,152.7634312	
10	Arboreal Termitaria	-27.6812703,152.7633313	
11	Arboreal Termitaria	-27.6820904,152.7639018	
12	Arboreal Termitaria	-27.6819883,152.7641612	
13	Arboreal Termitaria	-27.681403,152.7641436	
14	Arboreal Termitaria	-27.6818438,152.7640439	
15	Arboreal Termitaria	-27.682148,152.7653747	
16	Arboreal Termitaria (with excavation)	-27.6843524,152.7607078	
17	Arboreal Termitaria (with excavation)	-27.6835615,152.7606852	
18	Arboreal Termitaria (with excavation)	-27.681788,152.759227	
19	Arboreal Termitaria (with excavation)	-27.6827494,152.7597427	
20	Arboreal Termitaria (with excavation)	-27.6814631,152.7604948	
21	Arboreal Termitaria (with excavation)	-27.6823542,152.7624112	
22	Arboreal Termitaria (with excavation)	-27.6811069,152.7634621	
23	Arboreal Termitaria (with excavation)	-27.6814505,152.7637142	
24	Bird Nest	-27.6841817,152.7595882	
25	Bird Nest	-27.684207,152.7593902	
26	Bird Nest	-27.6836758,152.7592535	

27	Bird Nest	-27.6830901,152.7604621	
28	Bird Nest	-27.6826317,152.7612244	
29	Dead Stag	-27.6852278,152.7602137	
30	Dead Stag	-27.6836814,152.759348	
31	Dead Stag	-27.6834277,152.7588816	
32	Dead Stag	-27.6834309,152.7588833	
33	Dead Stag	-27.6836265,152.7597142	
34	Dead Stag	-27.6840847,152.7603892	
35	Dead Stag	-27.6847525,152.7603304	
36	Dead Stag	-27.6840211,152.7607652	
37	Dead Stag	-27.6830911,152.7600478	
38	Dead Stag	-27.6830264,152.7597091	
39	Dead Stag	-27.6821604,152.7593296	
40	Dead Stag	-27.6819808,152.7593668	
41	Dead Stag	-27.6839851,152.7612063	
42	Dead Stag	-27.6840823,152.7611539	
43	Dead Stag	-27.6816773,152.7601222	
44	Dead Stag	-27.6813182,152.7604887	
45	Dead Stag	-27.683846,152.7623162	
46	Dead Stag	-27.6811988,152.7612004	
47	Dead Stag	-27.6818943,152.7619879	
48	Dead Stag	-27.6818429,152.7620401	
49	Dead Stag	-27.6810636,152.7611882	
50	Dead Stag	-27.6809602,152.7611161	
51	Dead Stag	-27.6809878, 152.7610627	
52	Dead Stag	-27.681876,152.7610993	
53	Dead Stag x 2	-27.6820077,152.7615421	
54	Dead Stag	-27.6820871,152.7617276	
55	Dead Stag	-27.681707,152.7622452	

	<u> </u>			
56	Dead Stag	-27.681256,152.7623593		
57	Dead Stag	-27.6823737,152.7622166		
58	Dead Stag	-27.6823538,152.7625545		
59	Dead Stag	-27.682059,152.7629005		
60	Dead Stag	-27.6820918,152.7628679		
61	Dead Stag	-27.682161,152.7628258		
62	Dead Stag	-27.682714,152.7639456		
63	Dead Stag	-27.6821155,152.76334		
64	Dead Stag	-27.6812695,152.7641386		
65	Dead Stag	-27.682031,152.7648196		
66	Dead Stag	-27.6821531,152.7650228		
67	Fissure	-27.6838595,152.7593327		
68	Fissure	-27.6834146,152.7588923		
69	Fissure	-27.6838298,152.7599147		
70	Fissure	-27.6838303,152.7599151		
71	Fissure	-27.6846068,152.7606109		
72	Fissure	-27.684083,152.7614172		
73	Fissure	-27.6813207,152.7605062		
74	Fissure	-27.6809574,152.7618501		
75	Hollow Bearing Tree	-27.6839869,152.7595433		
76	Hollow Bearing Tree	-27.6832739,152.7594861		
77	Hollow Bearing Tree	-27.6820926,152.7623207		
78	Hollow Bearing Tree	-27.6821103,152.763337		
79	Hollow Bearing Tree	-27.6817542,152.764633		
80	Hollow Bearing Tree	-27.6823613, 152.7652302		
81	Hollow Stump	-27.6847416,152.7599656		
82	Hollow Stump	-27.6823028,152.7586263		
83	Hollow Stump	-27.6821421,152.7590797		
84	Hollow Stump	-27.6824511,152.7589179		

85	Hollow Stump	-27.6833574,152.7594541		
86	Hollow Stump	-27.6829745,152.7598017		
87	Hollow Stump	-27.681429,152.7594059		
88	Hollow Stump	-27.6817061,152.7595541		
89	Hollow Stump	-27.6827228,152.7597332		
90	Hollow Stump	-27.682207,152.7605244		
91	Hollow Stump	-27.6811103,152.7600865		
92	Hollow Stump	-27.6810966,152.761801		
93	Hollow Stump	-27.6811906,152.7616263		
94	Hollow Stump	-27.6821793,152.7628403		
95	Hollow Stump	-27.6819736,152.7628038		
96	Hollow Stump	-27.6812851,152.7637076		



Figure 27: Site overview



Figure 28: Site overview



Figure 29: Site overview



Figure 30: Site overview



Figure 31: Site overview



Figure 32: Site overview



Figure 33: Contiguous canopy



Figure 34: Hollow-bearing tree



Figure 35: Hollow-bearing tree



Figure 36: Hollow-bearing tree



Figure 37: Stag tree



Figure 38: Stag tree



Figure 39: Stag tree



Figure 40: Stag tree



Figure 41: Stag tree



Figure 42: Fissure



Figure 43: Fissure



Figure 44: Fissure



Figure 45: Fissure



Figure 46: Hollow stump



Figure 47: Hollow stump



Figure 48: Exfoliating bark



Figure 49 Exfoliating bark



Figure 50: Exfoliating bark



Figure 51: Arboreal termitaria



Figure 52: Arboreal termitaria



Figure 53: Arboreal termitaria with excavation



Figure 54: Arboreal termitaria with excavation



Figure 55: Arboreal termitaria with excavation



Figure 56: Arboreal termitaria with excavations



Figure 57: Bird nest



Figure 58: Bird nest



Figure 59: Bird nest



Figure 60: Bird nest



Figure 61: Australian Boobook Ninox boobook



Figure 62: Possum scratchings

Table 4: Arboreal Fauna Species Observed

Number	Common Name and Scientific Name	Conservation Status	
		NCA	ЕРВС
1	Australian Magpie Cracticus tibicen	Least Concern	Not Listed
2	Noisy Miner Manorina melanocephala	Least Concern	Not Listed
3	Torresian Crow Corvus orru	Least Concern	Not Listed
4	Brown Honeyeater Lichmera indistincta	Least Concern	Not Listed
5	White-throated Honeyeater Melithreptus albogularis	Least Concern	Not Listed
6	Striped Honeyeater Plectorhyncha lanceolata	Least Concern	Not Listed
7	Grey Fantail Rhipidura albiscapa	Least Concern	Not Listed
8	Pied Butcherbird Cracticus nigrogularis	Least Concern	Not Listed
9	Speckled Warbler Pyrrholaemus sagittatus	Least Concern	Not Listed
10	White-browed Scrubwren Sericornis frontalis	Least Concern	Not Listed
11	Grey-crowned Babbler Pomatostomus temporalis	Least Concern	Not Listed
12	Eastern Yellow Robin <i>Eopsaltria australis</i>	Least Concern	Not Listed
13	Mistletoebird Dicaeum hirundinaceum	Least Concern	Not Listed
14	White-throated Gerygone Gerygone olivacea	Least Concern	Not Listed
15	Double-barred Finch Taeniopygia bichenovii	Least Concern	Not Listed
16	Rufous Whistler Pachycephala rufiventris	Least Concern	Not Listed
17	Rose Robin <i>Petroica rosea</i>	Least Concern	Not Listed
18	Willie Wagtail Rhipidura leucophrys	Least Concern	Not Listed
19	Striated Pardalote Pardalotus striatus	Least Concern	Not Listed
20	Spotted Pardalote Pardalotus punctatus	Least Concern	Not Listed
22	Fan-tailed Cuckoo Cacomantis flabelliformis	Least Concern	Not Listed
23	Variegated Fairy-wren <i>Malurus lamberti</i>	Least Concern	Not Listed
24	Leaden Flycatcher Myiagra rubecula	Least Concern	Not Listed
25	Rainbow Bee-eater Merops ornatus	Least Concern	Marine
26	Australian Boobook <i>Ninox boobook</i>	Least Concern	Not Listed

3.3 Aquatic Habitat Features

A creek which branches into a number of smaller eroded gullies is present within the area of works, as well as a small dam (Figure 63 to Figure 66). The dam was retaining water at the time of the inspection; however, the creek was dry. Native species may exploit the various microhabitats present by such environmental features, particularly during times of rainfall, including Longfin Eel Anguilla reinhardtii, Eastern Long-necked Turtle Chelodina longicollis, Eastern Water Dragon Intellagama lesueurii, Keelback Snake Tropidonophis mairii, Green Tree Frog Litoria caerulea, Graceful Tree Frog Litoria gracilenta, Eastern Sedge Frog Litoria fallax, Tusked Frog Adelotus brevis, Striped Marsh Frog Limnodynastes peronii, as well as various birds and mammals as a water source.

GPS coordinates for all indicative aquatic habitat features are shown in Table 5. Localities for identified aquatic habitat features are presented in Map 2.

Table 5: Localities for identified aquatic habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Creek	-27.6816651,152.7616732
2	Dam	-27.6825442,152.7607997



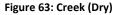




Figure 64: Creek (Dry)







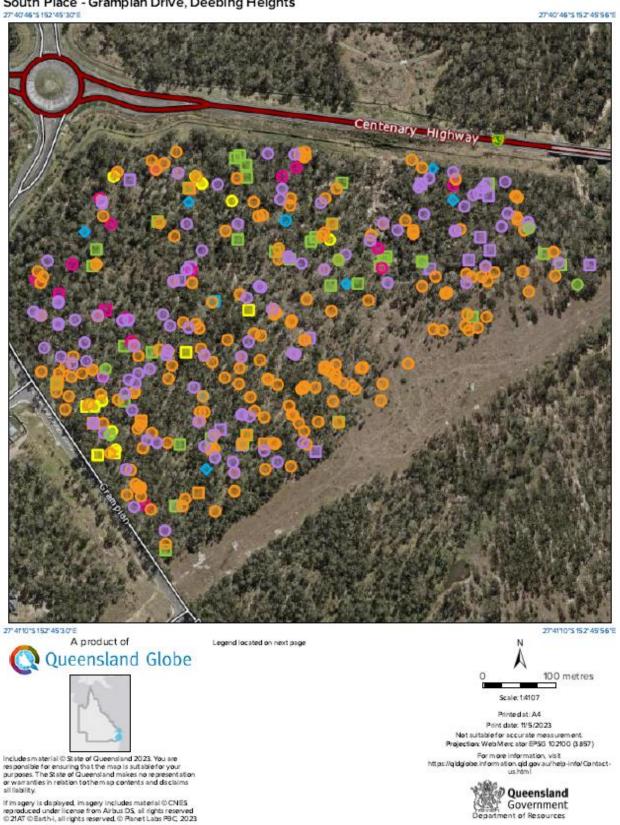
Figure 65: Creek (Dry)

Figure 66: Dam

Map 2: Localities for identified terrestrial, arboreal, and aquatic habitat features

Identified Habitat Features

South Place - Grampian Drive, Deebing Heights



Identified Habitat Features

South Place - Grampian Drive, Deebing Heights



POINT-Arboreal Termitaria (with excavation).csv



POINT-Arboreal Termitaria.csv



POINT-Artificial Debris.csv



POINT-Bird Nest.csv



POINT-Creek.csv



POINT-Dam.csv



POINT-Dead Stag.csv



POINT-Fissure.csv



POINT-Hollow Log.csv



POINT-Hollow Stump.csv



POINT-Terrestrial Termitaria.csv



POINT-Woody Debris.csv



POINT-Hollow Bearing Tree.csv



Road Crossing

- Bridge

Tunnel

Road

Highway

- Main

—Local

— Private

Railway

-

Cities and Towns

0



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3.4 Endangered, Vulnerable and Near Threatened (EVNT) & Special Least Concern (SLC) Species

It is not envisaged that any EVNT or SLC fauna species will be detrimentally impacted by the proposed works. However, seven species identified within the Online EPBC Protected Matters Report (Appendix B) and the Queensland Government Wildlife Online Search Tool (Appendix C) were considered likely or possible to occur within the site and will require further mitigation during clearing activities.

Although no evidence was found during the site inspection of recent Koala use the species has previously been recorded in the area. The site contains habitat identified as Core Koala Habitat under the Koala Habitat in South East Queensland mapping sourced from the Queensland Globe online search tool (see Appendix A).

It is advised that dedicated methodologies be employed by a qualified Fauna Spotter specific to the detection of these species prior to vegetation clearing activities.

Table 6: Significant species deemed likely or possible to occur within the clearance survey area

Common Name Scientific Name	Species Information	Likelihood of Occurrence within the Clearance Survey area
Mammals		
Short-beaked Echidna Tachyglossus aculeatus EPBC: Not Listed NCA: Special Least Concern	Inhabits a broad range of habitat types across Australia where there is a supply of ants or termites. Echidnas will shelter within hollow logs, under bushes and debris (Van Dyck & Strahan 2008).	Possible Suitable feeding resources occur on site and evidence of diggings observed onsite.
Koala Phascolarctos cinereus EPBC: Endangered NCA: Endangered	Inhabits a range of open forest and woodland communities which may include any of the following noted food trees: Eucalyptus, Corymbia, Melaleuca, Angophora and Lophostemon.	Possible Known food trees for the transient Koala (Phascolarctos cinereus) occur on the clearance site and the species is well documented within the area.
Grey-headed Flying-fox Pteropus poliocephalus EPBC: Vulnerable NCA: Least Concern	The Grey-headed Flying-Fox roosts in aggregations of various sizes on exposed branches, commonly of emergent trees. Roost sites are typically located near water, such as lakes, rivers or the coast. Habitat includes open forests, woodlands, urban parks and gardens.	Possible Suitable vegetation communities containing both feeding and roosting resources occur on and adjacent to the clearance site.

Birds		
Rufous Fantail Rhipidura rufifrons EPBC: Migratory/Marine NCA: Special Least Concern	The Rufous Fantail builds a small compact cup nest, of fine grasses bound with spider webs, that is suspended from a tree fork about 5m from the ground. The bottom of the nest is drawn out into a long stem. Both sexes share nest building, incubation and feeding of the young. One or two broods may be raised in a season (Serventy, 1982). Breeding occurs from about September to February with 81% of eggs laid in November-December (Higgins <i>et al.</i> 2001).	Possible Preferred habitat types present, and the species has been observed in adjacent sites during the inspections.
White-throated Needletail Hirundapus caudactus EPBC: Vulnerable NCA: Vulnerable	Non-breeding migrant which occurs over many habitats including forests and areas with updrafts such as coastal cliffs. Usually seen flying high in very large flocks and is rarely seen perching in Australia, however there are records of birds roosting in the outer foliage of trees (Menkhorst et al. 2017).	Possible Suitable habitat occurs within and adjacent to the clearance site and the species has previously been recorded in the area.
Rainbow Bee-eater Merops ornatus EPBC: Marine NCA: Least Concern	Breeds from August to January (Higgins 1999; Boland 2004). The nest is located in an enlarged chamber at the end of long burrow or tunnel (Comrie-Smith 1930; Morris 1977), in flat or sloping ground, in the banks of rivers, creeks or dams, in roadside cuttings, in the walls of gravel pits or quarries, in mounds of gravel, or in cliff faces (Forshaw and Cooper 1987; Lill 1993; Higgins 1999; Boland 2004).	Present Habitat conducive to this species is found within the survey area and the species was sighted during the inspection.
Amphibians		
Tusked Frog Adelotus brevis EPBC: Not Listed NCA: Vulnerable	Inhabits permanent ponds and streams within rainforests, wet to dry forests and farmland areas (Anstis 2013). Nests are constructed under leaf litter, vegetation or logs at the edge of ponds or stream pools in concealed locations (Anstis 2013).	Possible Habitat conducive to this species is found within the survey area.

4. Fauna Impacts

It is important to consider the existing and future residential developmental areas when investigation potential fauna impacts.

Impacts to fauna, as a result of vegetation clearance, will include the following:

- Loss of trees for foraging, roosting and nesting;
- Loss of hollow-bearing trees for nesting and refuge;
- Loss of habitat and foraging areas for terrestrial species;
- Loss of overall habitat;
- Potential loss of abundance of some local species.

Other impacts may include:

- Injury or death during felling of trees;
- Injury or death from machinery;
- Alteration of nesting, foraging and general activities due to disturbance.

5. Assessment and Conclusion

Overall, the site contains medium value refugial opportunities for arboreal and terrestrial fauna species (see Section 3.1 and 3.2). The species expected within the site are likely to primarily reflect common fauna assemblages for the region; however, provisions will be proposed directly for common fauna and species of conservation significance.

The connectivity to adjacent conservation land in the south, in conjunction with sequential clearing methodologies, will aid in the movement of medium to large size fauna such as Koala and Kangaroos. Specific methodologies for these species will be detailed within the Wildlife and Habitat Impact Mitigation Plan (WHIMP).

A number of conclusions and recommendations will be presented in the WHIMP, with the specific intention of providing a comprehensive management structure to facilitate minimal impact to fauna during the clearing of vegetation and subsequent disturbance of habitats.

It is advised that all identified fauna habitats onsite be inspected by a DES approved Fauna Spotter prior to vegetation clearing and all vegetation removal activities be supervised during the clearing process. Fauna captured will be relocated to adjacent habitat consistent with the life history requirements of the species requiring translocation. The directives given by Fauna Spotter Catchers should embrace a "best practice" approach which includes implementation of proven specific management techniques for identified habitat types and compliance with legislation relevant to the activity.

It is recommended that in the event any nests which contain chicks are identified during clearing be left until fledged, and those that are in a construction phase should be dismantled to prevent further nesting activity. Any fertile eggs recovered will require incubation and subsequent rearing for latter release.

6. References

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7. Appendix A: Koala Habitat Values





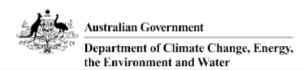
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8. Appendix B: EPBC Act Protected Matters Report



EPBC Act Protected Matters Report

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

Report created: 11-May-2023

Summary

<u>Details</u>

Matters of NES

Other Matters Protected by the EPBC Act

Extra Information

Caveat

<u>Acknowledgements</u>

Summary

Matters of National Environment Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
<u>Listed Threatened Species:</u>	47
Listed Migratory Species:	16

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Lands:	12
Commonwealth Heritage Places:	None
Listed Marine Species:	21
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	36
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)	[Resource Information]	
Ramsar Site Name	Proximity	Buffer Status
Moreton bay	40 - 50km upstream from Ramsar site	In feature area

Listed Threatened Ecological Communities

[Resource Information]

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

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Threatened Category Endangered	Presence Text Buffer Status Community may occurIn feature area within area
Grey box-grey gum wet forest of subtropical eastern Australia	Endangered	Community may occurIn buffer area only within area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occurIn feature area within area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may occurIn feature area within area
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community likely to In feature area occur within area
Swamp Tea-tree (Melaleuca irbyana) Forest of South-east Queensland	Critically Endangered	Community likely to In buffer area only occur within area
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occurIn feature area within area

Listed Threatened Species

[Resource Information]

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

Scientific Name Threatened Category Presence Text Buffer Status
BIRD

Scientific Name	Threatened Category	Presence Text	Buffer Status
Anthochaera phryqia Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour may occur within area	
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area	In feature area
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]	Critically Endangered	Species or species habitat may occur within area	In feature area
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
<u>Lathamus discolor</u>			
Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
Stagonopleura guttata Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Turnix melanoqaster</u> Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FISH			
Neoceratodus forsteri Australian Lungfish, Queensland Lungfish [67620]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
INSECT			
Argynnis hyperbius inconstans Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within area	In feature area
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Dasyurus hallucatus</u> Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat may occur within area	In feature area
Dasyurus maculatus maculatus (SE main Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	land population) Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Macroderma gigas			
Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
Petauroides volans Greater Glider (southern and central) [254]	Endangered	Species or species habitat likely to occur within area	In feature area
Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area	In feature area
Phascolarctos cinereus (combined popula	ations of Qld, NSW and th	e ACT)	
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
Potorous tridactylus tridactylus Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
PLANT			
Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat may occur within area	In feature area
Bosistoa transversa Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Cupaniopsis tomentella Boonah Tuckeroo [3322]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
<u>Dichanthium setosum</u> bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Fontainea venosa [24040]	Vulnerable	Species or species habitat may occur within area	In feature area
Notelaea ipsviciensis Cooneana Olive [81858]	Critically Endangered	Species or species habitat may occur within area	In feature area
Notelaea lloydii Lloyd's Olive [15002]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Picris evae Hawkweed [10839]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Planchonella eerwah</u> Shiny-leaved Condoo, Black Plum, Wild Apple [17340]	Endangered	Species or species habitat may occur within area	In feature area
Plectranthus habrophyllus [64589]	Endangered	Species or species habitat known to occur within area	In feature area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area	In feature area
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
REPTILE			
Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
Furina dunmalli Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In feature area
Hemiaspis damelii Grey Snake [1179]	Endangered	Species or species habitat likely to occur within area	In feature area
Listed Migratory Species		[Re	source Information 1
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area	In feature area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rhipidura rufifrons			
Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
Symposiachrus trivirgatus as Monarcha t	<u>rivirgatus</u>		
Spectacled Monarch [83946]		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata			
Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area	In feature area
Calidris ferruginea			
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calidris melanotos			
Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Gallinago hardwickii			
Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area	In feature area
Numenius madagascariensis			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus			
Osprey [952]		Species or species habitat likely to occur within area	
Tringa nebularia			
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - AMBERLEY - AP3 REMOTE RECEIVERS SITE [31479]	QLD	In buffer area only
Defence - AMBERLEY - AP3 REMOTE RECEIVERS SITE [31478]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31939]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31938]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31940]	QLD	In buffer area only
Defence - AMBERLEY - AP90 SMALL ARMS RANGE (PURGA) [31817]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31799]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31794]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31801]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31800]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31802]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31798]	QLD	In buffer area only

Listed Marine Onesies		1 D-1	
Listed Marine Species		Į Re:	source Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Anseranas semipalmata			
Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bubulcus ibis as Ardea ibis	Threatened Category	Presence rext	Buller Status
Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
<u>Lathamus discolor</u> Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Motacilla flava			
Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area	In feature area
Myiagra cyanoleuca			
Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Numenius madagascariensis			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus			
Osprey [952]		Species or species habitat likely to occur within area	In buffer area only
Rhipidura rufifrons			
Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula bengha	alensis (sensu lato)		
Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha t	rivirgatus		
Spectacled Monarch [83946]		Species or species habitat may occur within area overfly marine area	In feature area
Tringa nebularia			
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area

Extra Information

EPBC Act Referrals			[Resou	rce Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Australian Super Hornet Flying	2008/4410		Assessment	In buffer area
Operations at RAAF Base Amberley				only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Greater Brisbane Greyhound Centre	2022/09252		Completed	In buffer area only
Greater Brisbane Greyhound Centre	2022/09321		Completed	In buffer area only
Controlled action				
Casino Ipswich Pipeline	2007/3877	Controlled Action	Completed	In buffer area only
CROCODILE 03 Military Training Exercise	2002/888	Controlled Action	Post-Approval	In buffer area only
ECCO Ripley Residential Development, Ipswich, QLD	2015/7513	Controlled Action	Post-Approval	In buffer area only
Grampian Drive Deebing Heights Residential Development, Qld	2015/7628	Controlled Action	Post-Approval	In feature area
Hayfield School Site	2021/9070	Controlled Action	Assessment Approach	In buffer area only
Paradise Waters Residential Estate, Gampian Drive, Deebing Heights	2013/6864	Controlled Action	Post-Approval	In feature area
Providence West Residential Development	2020/8698	Controlled Action	Further Information Request	In buffer area only
Residential development, Rawlings Road, Ripley Valley	2016/7723	Controlled Action	Post-Approval	In buffer area only
Residential Development, Ripley	2020/8791	Controlled Action	Assessment Approach	In buffer area only
Ripley Road Residential Development	2019/8539	Controlled Action	Post-Approval	In buffer area only
Ripley Road residential development, Ripley Valley, Old	2017/8095	Controlled Action	Post-Approval	In buffer area only
Ripley View Residential Subdivision	2020/8615	Controlled Action	Further Information Request	In buffer area only
Talisman Saber 2005 Military Exercise	2004/1819	Controlled Action	Post-Approval	In buffer area only
Not controlled action				
Aerospace and Defence Support Centre - Amberley	2010/5579	Not Controlled Action	Completed	In buffer area only
<u>Daleys Road Residential</u> <u>Development</u>	2010/5638	Not Controlled Action	Completed	In buffer area only
Grampian Drive residential development, Deebing Heights,	2016/7634	Not Controlled Action	Completed	In feature area

Title of referral	Reference Referral Outcome Assessment Status		Buffer Status		
Not controlled action					
Qld					
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area	
Inland Rail Gowrie to Kagaru Geotechnical Project, QLD	2018/8263	Not Controlled Action	Completed	In buffer area only	
Master planned residential community, Ripley Valley, QLD	2014/7325	Not Controlled Action	Completed	In buffer area only	
Northern Link Parallel Road Tunnels Project	2007/3824	Not Controlled Action	Completed	In buffer area only	
REMONDIS Waste to Energy Facility	2020/8806	Not Controlled Action	Completed	In buffer area only	
Removal of Grey-headed Flying-fox Habitat	2005/2137	Not Controlled Action	Completed	In feature area	
Residential/Commercial development Binnies Road, Ripley, Old	2016/7669	Not Controlled Action	Completed	In buffer area only	
Residential Subdivision on Monterea Road, Ripley	2012/6644	Not Controlled Action	Completed	In buffer area only	
Ripley Town Centre, Ipswich, QLD	2015/7471	Not Controlled Action	Completed	In buffer area only	
South West Transport Corridor	2006/2547	547 Not Controlled Completed Action		In feature area	
Swanbank Gas Fired Combined Cycle Plant	2008/4087	Not Controlled Action	Completed	In buffer area only	
Swanbank Waste Management Facility Stage 1B extension Area, Qld	2015/7581	Not Controlled Action	Completed	In buffer area only	
To develop the Paradise Heights residential subdivision, QLD	2014/7310	Not Controlled Action	Completed	In feature area	
Underground Bus and Train Project, Brisbane	2013/7106	Not Controlled Action	Completed	In buffer area only	
Not controlled action (particular manne))				
168 Lot Residential and Commercial Development at Deebing Heights	2009/4818	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only	
Construction & Operation 275/330kV Transmission Line	2006/2820	Not Controlled Action (Particular Manner)	Post-Approval	In feature area	

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action (particular manne	er)			
Cross River Rail	2010/5427	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only

Bioregional Assessments			
SubRegion	BioRegion	Website	Buffer Status
Clarence-Moreton	Clarence-Moreton	BA website	In feature area

Caveat

1 PURPOSE

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

The report contains the mapped locations of:

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

2 DISCLAIMER

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

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

3 DATA SOURCES

Threatened ecological communities

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

Threatened, migratory and marine species

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

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

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

4 LIMITATIONS

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

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

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

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

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

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

Acknowledgements

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

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

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

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

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9. Appendix C: Wildlife Online Extract



WildNet species list

Search Criteria: Species List for a Specified Point

> Species: Animals Type: Native

Queensland status: All

Records: All

Date: Since 1980 Latitude: -27.6824 Longitude: 152.7611

Distance: 5

Email: jasmine@qfc.com.au

Date submitted: Thursday 11 May 2023 19:35:05 Date extracted: Thursday 11 May 2023 19:40:03

The number of records retrieved = 271

Disclaimer

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

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

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

The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a

process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage

(https://www.qld.gov.au/environment/plants-animals/species-information/wildnet) to find out more about WildNet and where to access other WildNet information

products approved for publication. Feedback about WildNet species lists should be emailed to wildlife online@des.qld.gov.au.

Kingdom	Class	Family	Scientific Name	Common Name	1	Q	Α	Records
animals	amphibians	Hylidae	Litoria balatus	slender bleating treefrog		С		4
animals	amphibians	Hylidae	Litoria caerulea	common green treefrog		C		14
animals	amphibians	Hylidae	Litoria fallax	eastern sedgefrog		С		7
animals	amphibians	Hylidae	Litoria gracilenta	graceful treefrog		С		7
animals	amphibians	Hvlidae	Litoria latopalmata	broad palmed rocketfrog		С		1
animals	amphibians	Hylidae	Litoria nasuta	striped rocketfrog		С		3
animals	amphibians	Hylidae	Litoria rubella	ruddy treefrog		С		4
animals	amphibians	Hylidae	Litoria wilcoxii	eastern stony creek frog		С		1
animals	amphibians	Limnodynastidae	Limnodynastes peronii	striped marshfrog		С		6
animals	amphibians	Limnodynastidae	Limnodynastes tasmaniensis	spotted grassfrog		C		1
animals	amphibians	Limnodynastidae	Limnodynastes terraereginae	scarlet sided pobblebonk		Č		2
animals	amphibians	Limnodynastidae	Platyplectrum ornatum	ornate burrowing frog		č		3
animals	amphibians	Myobatrachidae	Crinia parinsignifera	beeping froglet		č		6
animals	amphibians	Myobatrachidae	Crinia signifera	clicking froglet		č		ž
animals	amphibians	Myobatrachidae	Pseudophryne coriacea	red backed broodfrog		č		1
animals	amphibians	Myobatrachidae	Uperoleia fusca	dusky gungan		č		i
animals	birds	Acanthizidae	Acanthiza chrysorrhoa	vellow-rumped thornbill		č		4
animals	birds	Acanthizidae	Acanthiza chrysonnoa Acanthiza pusilla	brown thornbill		č		1
animals	birds	Acanthizidae	Gerygone olivacea	white-throated gerygone		Č		6
animals	birds	Acanthizidae	Pyrrholaemus sagittatus	speckled warbler		C		3
animals	birds	Acanthizidae	Sericornis frontalis	white-browed scrubwren		C		4
	birds	Acanthizidae	Smicrornis brevirostris	weebill		C		2
animals	birds					Č		2
animals		Accipitridae	Accipiter cirrocephalus	collared sparrowhawk		C		4
animals	birds	Accipitridae	Accipiter fasciatus	brown goshawk				8
animals	birds	Accipitridae	Aquila audax	wedge-tailed eagle		С		8
animals	birds	Accipitridae	Aviceda subcristata	Pacific baza		С		1
animals	birds	Accipitridae	Circus approximans	swamp harrier		С		2
animals	birds	Accipitridae	Elanus axillaris	black-shouldered kite		С		5
animals	birds	Accipitridae	Haliaeetus leucogaster	white-bellied sea-eagle		C		6
animals	birds	Accipitridae	Haliastur indus	brahminy kite		C		2
animals	birds	Accipitridae	Haliastur sphenurus	whistling kite		C		5
animals	birds	Accipitridae	Lophoictinia isura	square-tailed kite		С		1
animals	birds	Acrocephalidae	Acrocephalus australis	Australian reed-warbler		С		9
animals	birds	Aegothelidae	Aegotheles cristatus	Australian owlet-nightjar		С		1
animals	birds	Alcedinidae	Ceyx azureus	azure kingfisher		С		5
animals	birds	Alcedinidae	Dacelo novaeguineae	laughing kookaburra		С		15
animals	birds	Alcedinidae	Todiramphus macleayii	forest kingfisher		C		4
animals	birds	Alcedinidae	Todiramphus sanctus	sacred kingfisher		С		8
animals	birds	Anatidae	Anas castanea	chestnut teal		С		3
animals	birds	Anatidae	Anas gracilis	grey teal		С		6
animals	birds	Anatidae	Anas superciliosa	Pacific black duck		C		15
animals	birds	Anatidae	Aythya australis	hardhead		C		9
animals	birds	Anatidae	Chenonetta jubata	Australian wood duck		С		23
animals	birds	Anatidae	Cygnus atratus	black swan		C		7
animals	birds	Anatidae	Dendrocygna arcuata	wandering whistling-duck		С		1
animals	birds	Anatidae	Dendrocygna eytoni	plumed whistling-duck		C		1

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Kingdom	Class	Family	Scientific Name	Common Name	l C	A	Records
animals	birds	Anatidae	Spatula rhynchotis	Australasian shoveler	С		1
animals	birds	Anhingidae	Anhinga novaehollandiae	Australasian darter	C		9
animals	birds	Anseranatidae	Anseranas semipalmata	magpie goose	C		1
animals	birds	Apodidae	Hirundapus caudacutus	white-throated needletail	V	V	4
animals	birds	Ardeidae	Ardea alba modesta	eastern great egret	C		4
animals	birds	Ardeidae	Ardea intermedia	intermediate egret	C		5
animals	birds	Ardeidae	Ardea pacifica	white-necked heron	C		4
animals	birds	Ardeidae	Bubulcus ibis	cattle egret	C		15
animals	birds	Ardeidae	Egretta garzetta	little egret	C		3
animals	birds	Ardeidae	Egretta novaehollandiae	white-faced heron	C		12
animals	birds	Ardeidae	Nycticorax caledonicus	nankeen night-heron	C		1
animals	birds	Artamidae	Artamus leucorynchus	white-breasted woodswallow	С		3
animals	birds	Artamidae	Cracticus nigrogularis	pied butcherbird	С		23
animals	birds	Artamidae	Cracticus sp.	•	С		3
animals	birds	Artamidae	Cracticus torquatus	grey butcherbird	C		17
animals	birds	Artamidae	Gymnorhina tibicen	Australian magpie	C		34
animals	birds	Artamidae	Strepera graculina	pied currawong	C		2
animals	birds	Cacatuidae	Cacatua galerita	sulphur-crested cockatoo	С		13
animals	birds	Cacatuidae	Cacatua sanguinea	little corella	С		1
animals	birds	Cacatuidae	Eolophus roseicapilla	galah	С		14
animals	birds	Campephagidae	Coracina novaehollandiae	black-faced cuckoo-shrike	С		21
animals	birds	Campephagidae	Edolisoma tenuirostre	common cicadabird	С		2
animals	birds	Campephagidae	Lalage tricolor	white-winged triller	C		1
animals	birds	Charadriidae	Elseyornis melanops	black-fronted dotterel	С		6
animals	birds	Charadriidae	Erythrogonys cinctus	red-kneed dotterel	С		4
animals	birds	Charadriidae	Vanellus miles	masked lapwing	C		1
animals	birds	Charadriidae	Vanellus miles novaehollandiae	masked lapwing (southern subspecies)	С		16
animals	birds	Ciconiidae	Ephippiorhynchus asiaticus	black-necked stork	С		7
animals	birds	Cisticolidae	Cisticola exilis	golden-headed cisticola	C		11
animals	birds	Climacteridae	Cormobates leucophaea metastasis	white-throated treecreeper (southern)	С		2
animals	birds	Columbidae	Geopelia cuneata [']	diamond dove	C		1
animals	birds	Columbidae	Geopelia humeralis	bar-shouldered dove	C		6
animals	birds	Columbidae	Geopelia placida	peaceful dove	С		3
animals	birds	Columbidae	Macropygia phasianella	brown cuckoo-dove	С		1
animals	birds	Columbidae	Ocyphaps lophotes	crested pigeon	C		19
animals	birds	Columbidae	Phaps chalcoptera	common bronzewing	С		2
animals	birds	Coraciidae	Eurystomus orientalis	dollarbird	С		5
animals	birds	Corvidae	Corvus orru	Torresian crow	С		32
animals	birds	Cuculidae	Cacomantis flabelliformis	fan-tailed cuckoo	С		5
animals	birds	Cuculidae	Cacomantis pallidus	pallid cuckoo	С		1
animals	birds	Cuculidae	Centropus phasianinus	pheasant coucal	С		3
animals	birds	Cuculidae	Chalcites basalis	Horsfield's bronze-cuckoo	C		1
animals	birds	Cuculidae	Chalcites lucidus	shining bronze-cuckoo	С		1
animals	birds	Cuculidae	Eudynamys orientalis	eastern koel	С		7
animals	birds	Cuculidae	Scythrops novaehollandiae	channel-billed cuckoo	С		8
animals	birds	Dicaeidae	Dicaeum hirundinaceum	mistletoebird	C		13

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Kingdom	Class	Family	Scientific Name	Common Name	I	Q	Α	Records
animals	birds	Dicruridae	Dicrurus bracteatus	spangled drongo		С		5
animals	birds	Estrildidae	Lonchura castaneothorax	chestnut-breasted mannikin		С		7
animals	birds	Estrildidae	Neochmia temporalis	red-browed finch		С		4
animals	birds	Estrildidae	Taeniopygia bichenovii	double-barred finch		С		9
animals	birds	Eurostopodidae	Eurostopodus mystacalis	white-throated nightjar		С		1
animals	birds	Falconidae	Falco berigora	brown falcon		C		3
animals	birds	Falconidae	Falco cenchroides	nankeen kestrel		С		7
animals	birds	Falconidae	Falco longipennis	Australian hobby		С		1
animals	birds	Falconidae	Falco peregrinus macropus	Australian peregrine falcon		С		1
animals	birds	Hirundinidae	Cheramoeca leucosterna	white-backed swallow		C		1
animals	birds	Hirundinidae	Hirundo neoxena	welcome swallow		Č		12
animals	birds	Hirundinidae	Petrochelidon ariel	fairy martin		Č		5
animals	birds	Hirundinidae	Petrochelidon nigricans	tree martin		č		4
animals	birds	Jacanidae	Irediparra gallinacea	comb-crested jacana		č		6
animals	birds	Laridae	Chlidonias hybrida	whiskered tern		Č		1
animals	birds	Laridae	Chroicocephalus novaehollandiae	silver gull		č		1
animals	birds	Locustellidae	Cincloramphus cruralis	brown songlark		č		1
animals	birds	Locustellidae	Cincloramphus timoriensis	tawny grassbird		Č		5
animals	birds	Locustellidae	Poodytes gramineus	little grassbird		Č		5
animals	birds	Maluridae	Malurus cyaneus	superb fairy-wren		Č		26
animals	birds	Maluridae	Malurus cyaneus Malurus lamberti	variegated fairy-wren		C		8
	birds	Maluridae		3 ,		Č		11
animals	birds		Malurus melanocephalus	red-backed fairy-wren		Č		5
animals		Meliphagidae Meliphagidae	Caligavis chrysops	yellow-faced honeyeater		C		6
animals	birds	Meliphagidae	Entomyzon cyanotis	blue-faced honeyeater		C		
animals	birds	Meliphagidae	Lichmera indistincta	brown honeyeater				17
animals	birds	Meliphagidae	Manorina melanocephala	noisy miner		С		25 1
animals	birds	Meliphagidae	Meliphaga lewinii	Lewin's honeyeater		С		
animals	birds	Meliphagidae	Melithreptus albogularis	white-throated honeyeater		С		4
animals	birds	Meliphagidae	Melithreptus brevirostris	brown-headed honeyeater		С		2
animals	birds	Meliphagidae	Melithreptus lunatus	white-naped honeyeater		C		2
animals	birds	Meliphagidae	Myzomela sanguinolenta	scarlet honeyeater		С		11
animals	birds	Meliphagidae	Philemon citreogularis	little friarbird		C		6
animals	birds	Meliphagidae	Philemon corniculatus	noisy friarbird		С		22
animals	birds	Meliphagidae	Plectorhyncha lanceolata	striped honeyeater		С		3
animals	birds	Meliphagidae	Ptilotula fusca	fuscous honeyeater		С		6
animals	birds	Meropidae	Merops ornatus	rainbow bee-eater		С		8
animals	birds	Monarchidae	Grallina cyanoleuca	magpie-lark		C		27
animals	birds	Monarchidae	Myiagra rubecula	leaden flycatcher		С		1
animals	birds	Motacillidae	Anthus novaeseelandiae	Australasian pipit		C		3
animals	birds	Neosittidae	Daphoenositta chrysoptera	varied sittella		С		4
animals	birds	Oriolidae	Sphecotheres vieilloti	Australasian figbird		C		7
animals	birds	Pachycephalidae	Colluricincla harmonica	grey shrike-thrush		С		5
animals	birds	Pachycephalidae	Colluricincla megarhyncha	little shrike-thrush		C		1
animals	birds	Pachycephalidae	Pachycephala pectoralis	golden whistler		C		6
animals	birds	Pachycephalidae	Pachycephala rufiventris	rufous whistler		C		9
animals	birds	Pardalotidae	Pardalotus striatus	striated pardalote		С		24

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Kingdom	Class	Family	Scientific Name	Common Name	1	Q	Α	Records
animals	birds	Pelecanidae	Pelecanus conspicillatus	Australian pelican		С		9
animals	birds	Petroicidae	Eopsaltria australis	eastern yellow robin		С		4
animals	birds	Petroicidae	Microeca fascinans	jacky winter		С		2
animals	birds	Petroicidae	Petroica rosea	rose robin		С		2
animals	birds	Phalacrocoracidae	Microcarbo melanoleucos	little pied cormorant		С		10
animals	birds	Phalacrocoracidae	Phalacrocorax carbo	great cormorant		С		5
animals	birds	Phalacrocoracidae	Phalacrocorax sulcirostris	little black cormorant		С		10
animals	birds	Phalacrocoracidae	Phalacrocorax varius	pied cormorant		С		6
animals	birds	Phasianidae	Coturnix pectoralis	stubble quail		С		2
animals	birds	Phasianidae	Synoicus ypsilophorus	brown quail		С		3
animals	birds	Podargidae	Podargus strigoides	tawny frogmouth		С		9
animals	birds	Podicipedidae	Podiceps cristatus	great crested grebe		Č		5
animals	birds	Podicipedidae	Tachybaptus novaehollandiae	Australasian grebe		Č		9
animals	birds	Pomatostomidae	Pomatostomus temporalis	grey-crowned babbler		č		5
animals	birds	Psittaculidae	Alisterus scapularis	Australian king-parrot		Č		2
animals	birds	Psittaculidae	Barnardius zonarius	Australian ringneck		Č		5
animals	birds	Psittaculidae	Glossopsitta concinna	musk lorikeet		č		1
animals	birds	Psittaculidae	Melopsittacus undulatus	budgerigar		č		2
animals	birds	Psittaculidae	Parvipsitta pusilla	little lorikeet		č		9
animals	birds	Psittaculidae	Platycercus adscitus	pale-headed rosella		č		21
animals	birds	Psittaculidae	Platycercus eximius	eastern rosella		č		1
animals	birds	Psittaculidae	Trichoglossus chlorolepidotus	scaly-breasted lorikeet		Č		34
animals	birds	Psittaculidae	Trichoglossus moluccanus	rainbow lorikeet		č		17
animals	birds	Psophodidae	Psophodes olivaceus	eastern whipbird		Č		2
	birds	Ptilonorhynchidae	Chlamydera maculata	spotted bowerbird		Č		1
animals	birds	Ptilonorhynchidae	Sericulus chrysocephalus	regent bowerbird		Č		1
animals		Rallidae	2 1	•		C		10
animals	birds		Fulica atra	Eurasian coot				
animals	birds	Rallidae	Gallinula tenebrosa	dusky moorhen		С		11
animals	birds	Rallidae	Gallirallus philippensis	buff-banded rail		С		4
animals	birds	Rallidae	Lewinia pectoralis	Lewin's rail		C		1
animals	birds	Rallidae	Porphyrio melanotus	purple swamphen		С		9
animals	birds	Rallidae	Porzana fluminea	Australian spotted crake		С		4
animals	birds	Rallidae	Zapornia pusilla	Baillon's crake		С		4
animals	birds	Rallidae	Zapornia tabuensis	spotless crake		С		4
animals	birds	Recurvirostridae	Himantopus leucocephalus	pied stilt		С		6
animals	birds	Rhipiduridae	Rhipidura albiscapa	grey fantail		С		12
animals	birds	Rhipiduridae	Rhipidura leucophrys	willie wagtail		C		21
animals	birds	Rhipiduridae	Rhipidura rufifrons	rufous fantail		SL		3
animals	birds	Rostratulidae	Rostratula australis	Australian painted-snipe		E	Е	3
animals	birds	Scolopacidae	Actitis hypoleucos	common sandpiper		SL		3
animals	birds	Scolopacidae	Calidris acuminata	sharp-tailed sandpiper		SL		1
animals	birds	Scolopacidae	Gallinago hardwickii	Latham's snipe		SL		3
animals	birds	Scolopacidae	Limosa limosa	black-tailed godwit		SL		2
animals	birds	Scolopacidae	Tringa stagnatilis	marsh sandpiper		SL		1
animals	birds	Strigidae	Ninox boobook	southern boobook		С		4
animals	birds	Strigidae	Ninox strenua	powerful owl		V		1

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Kingdom	Class	Family	Scientific Name	Common Name	- 1	Q	Α	Records
animals	birds	Threskiornithidae	Platalea flavipes	yellow-billed spoonbill		С		6
animals	birds	Threskiornithidae	Platalea regia	royal spoonbill		С		8
animals	birds	Threskiornithidae	Plegadis falcinellus	glossy ibis		SL		2
animals	birds	Threskiornithidae	Threskiornis molucca	Australian white ibis		С		4
animals	birds	Threskiornithidae	Threskiornis spinicollis	straw-necked ibis		С		12
animals	birds	Turnicidae	Turnix maculosus	red-backed button-quail		С		1
animals	birds	Tytonidae	Tyto javanica	eastern barn owl		С		2
animals	birds	Zosteropidae	Zosterops lateralis	silvereye		С		19
animals	insects	Nymphalidae	Charaxes sempronius sempronius	tailed emperor				1
animals	insects	Nymphalidae	Euploea corinna	common crow				2
animals	insects	Nymphalidae	Junonia villida villida	meadow argus				1
animals	insects	Nymphalidae	Melanitis leda bankia	evening brown				1
animals	insects	Nymphalidae	Tirumala hamata hamata	blue tiger				1
animals	insects	Papilionidae	Graphium choredon	blue triangle				1
animals	insects	Papilionidae	Papilio aegeus aegeus	orchard swallowtail (Australian				1
arminaio		· apinomado	. apmo aogeae aogeae	subspecies)				
animals	insects	Pieridae	Catopsilia gorgophone gorgophone	vellow migrant				1
animals	insects	Pieridae	Catopsilia pomona	lemon migrant				2
animals	insects	Pieridae	Eurema hecabe	large grass-yellow				1
animals	mammals	Acrobatidae	Acrobates pygmaeus	feathertail glider		С		1
animals	mammals	Canidae	Canis familiaris (dingo)	dingo				1
animals	mammals	Dasyuridae	Antechinus flavipes flavipes	yellow-footed antechinus		С		1
animais	mammais	Dasyundae	Antecrinus navipes navipes	(south-east Queensland)		C		'
animals	mammals	Dasyuridae	Phascogale tapoatafa tapoatafa	brush-tailed phascogale		С		2
animals	mammals	Emballonuridae	Saccolaimus flaviventris	vellow-bellied sheathtail bat		Č		1
animals	mammals	Macropodidae	Macropus giganteus	eastern grey kangaroo		č		6
animals	mammals	Macropodidae	Macropus sp.	castern grey kangaroo		č		2
animals	mammals	Macropodidae	Notamacropus dorsalis	black-striped wallaby		č		1
animals	mammals	Macropodidae	Notamacropus parryi	whiptail wallaby		Č		2
animals	mammals	Macropodidae	Notamacropus rufogriseus	red-necked wallaby		c		8
animals	mammals	Macropodidae	Wallabia bicolor	swamp wallaby		c		3
animals	mammals	Miniopteridae	Miniopterus australis	little bent-wing bat		c		1
animals	mammals	Molossidae	Austronomus australis	white-striped freetail bat		c		3
animals	mammals	Peramelidae	Isoodon macrourus	northern brown bandicoot		c		1
		Petauridae Petauridae				C		3
animals	mammals		Petaurus breviceps sensu lato	sugar glider				5 6
animals	mammals	Petauridae	Petaurus norfolcensis	squirrel glider		С		0
animals	mammals	Petauridae	Petaurus sp.	about assed a server		С		1
animals	mammals	Phalangeridae	Trichosurus caninus	short-eared possum		C		1
animals	mammals	Phalangeridae	Trichosurus vulpecula	common brushtail possum		C	_	7
animals	mammals	Phascolarctidae	Phascolarctos cinereus	koala		E	Е	180
animals	mammals	Pteropodidae	Pteropus alecto	black flying-fox		С		18
animals	mammals	Pteropodidae	Pteropus poliocephalus	grey-headed flying-fox		C.	V	18
animals	mammals	Tachyglossidae	Tachyglossus aculeatus	short-beaked echidna		SL		6
animals	mammals	Vespertilionidae	Myotis macropus	large-footed myotis		С		1
animals	ray-finned fishes	Ambassidae	Ambassis agassizii	Agassiz's glassfish				2
animals	ray-finned fishes	Anguillidae	Anguilla australis	southern shortfin eel				10

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Kingdom	Class	Family	Scientific Name	Common Name	- 1	Q	Α	Records
animals	ray-finned fishes	Anguillidae	Anguilla reinhardtii	longfin eel				12
animals	ray-finned fishes	Atherinidae	Craterocephalus stercusmuscarum	flyspecked hardyhead				3
animals	ray-finned fishes	Clupeidae	Nematalosa erebi	bony bream				3
animals	ray-finned fishes	Eleotridae	Gobiomorphus australis	striped gudgeon				6
animals	ray-finned fishes	Eleotridae	Hypseleotris compressa	empire gudgeon				12
animals	ray-finned fishes	Eleotridae	Hypseleotris galii	firetail gudgeon				12
animals	ray-finned fishes	Eleotridae	Hypseleotris klunzingeri	western carp gudgeon				4
animals	ray-finned fishes	Eleotridae	Hypseleotris sp.					1
animals	ray-finned fishes	Eleotridae	Philypnodon grandiceps	flathead gudgeon				2
animals	ray-finned fishes	Melanotaeniidae	Melanotaenia duboulayi	crimsonspotted rainbowfish				3
nimals	ray-finned fishes	Mugilidae	Mugil cephalus	sea mullet				3
animals	ray-finned fishes	Percichthyidae	Macquaria novemaculeata	Australian bass				1
animals	ray-finned fishes	Plotosidae	Tandanus tandanus	freshwater catfish				1
animals	ray-finned fishes	Terapontidae	Leiopotherapon unicolor	spangled perch				2
animals	reptiles	Agamidae	Diporiphora australis	tommy roundhead		С		1
nimals	reptiles	Agamidae	Intellagama lesueurii	eastern water dragon		Č		6
nimals	reptiles	Agamidae	Pogona barbata	bearded dragon		Č		9
nimals	reptiles	Boidae	Morelia spilota	carpet python		Č		2
nimals	reptiles	Chelidae	Chelodina longicollis	eastern snake-necked turtle		Č		2
nimals	reptiles	Colubridae	Boiga irregularis	brown tree snake		Č		1
nimals	reptiles	Colubridae	Dendrelaphis punctulatus	green tree snake		Č		7
animals	reptiles	Colubridae	Tropidonophis mairii	freshwater snake		č		1
nimals	reptiles	Elapidae	Brachyurophis australis	coral snake		č		i
nimals	reptiles	Elapidae	Cacophis harriettae	white-crowned snake		Č		2
nimals	reptiles	Elapidae	Furina diadema	red-naped snake		Č		4
nimals	reptiles	Elapidae	Pseudechis porphyriacus	red-bellied black snake		č		i
animals	reptiles	Elapidae	Pseudonaja textilis	eastern brown snake		č		5
nimals	reptiles	Gekkonidae	Gehvra dubia	dubious dtella		č		2
animals	reptiles	Scincidae	Anomalopus verreauxii	three-clawed worm-skink		č		1
animals	reptiles	Scincidae	Carlia pectoralis	open-litter rainbow skink		č		2
animals	reptiles	Scincidae	Carlia pectoralis sensu lato	open-litter rumbow skink		č		1
animals	reptiles	Scincidae	Carlia vivax	tussock rainbow-skink		č		2
animals	reptiles	Scincidae	Concinnia martini	dark bar-sided skink		č		1
animals	reptiles	Scincidae	Cryptoblepharus pulcher pulcher	elegant snake-eyed skink		č		2
animals	reptiles	Scincidae	Ctenotus spaldingi	straight-browed ctenotus		č		5
animals	reptiles	Scincidae	Ctenotus taeniolatus	copper-tailed skink		č		1
inimals	reptiles	Scincidae	Lampropholis amicula	friendly sunskink		č		1
nimals	reptiles	Scincidae	Lampropholis delicata	dark-flecked garden sunskink		Č		7
nimals	reptiles	Scincidae	Lampropholis sp.	dain-liecked galdeli sulishilk		č		1
nimals	reptiles	Scincidae	Lygisaurus foliorum	tree-base litter-skink		Č		1
nimals	reptiles	Scincidae	Tiliqua scincoides scincoides	eastern bluetongue		Č		3
nimals	reptiles	Typhlopidae	Anilios wiedii	brown-snouted blind snake		C		1
		, , , , , , , , , , , , , , , , , , ,				C		2
inimals	reptiles	Varanidae	Varanus varius	lace monitor				2

Page 6 of 7 Queensland Government Species lists (WildNet database) - Extract Date 11/05/2023 at 19:40:03

CODES

- I Y indicates that the taxon is introduced to Queensland and has naturalised.
- Q Indicates the Queensland conservation status of each taxon under the Nature Conservation Act 1992.
 The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).
- A Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*.

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

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

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

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

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May 2023

Fauna Spotter Catcher Wildlife and Habitat Impact Mitigation Plan

South Place – Grampian Drive Deebing Heights, Queensland Report prepared for Winslow



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1. Introduction

1.1 Project Background

Queensland Fauna Consultancy Pty Ltd has been engaged by Winslow to prepare a Fauna Spotter Catcher Wildlife and Habitat Impact Mitigation Plan for South Place – Grampian Drive, Deebing Heights, Queensland. The site location is presented in Map 1.

The objective of this report is to summarise the existing fauna values presented in the Fauna Spotter Catcher Pre-Clearance Survey and Wildlife Protection and Management Plan (WPMP) and assign mitigatory strategies applicable to probable species likely to be encountered during the clearing of identified habitats throughout or within specific localities of the site. Fauna species both common and of elevated conservation value have been considered within the parameters of onsite investigations and, where provided to QFC, include review of current fauna and floristic reports that may influence the assemblages expected to utilise the microhabitats evident within the site.

This review encompasses species identified under the provisions of the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 and the Queensland Nature Conservation Act 1992. Further consideration is given, where applicable, to species of iconic, cultural and/or regional significance identified under commonwealth, state or local planning instruments aimed at the persistence of biodiversity values within the area.

1.2 Project Location and Site Description

South Place is located on the eastern side of Grampian Drive, Deebing Heights, immediately south of the Centenary Highway and adjacent to Soho Drive, Deebing Heights. The total clearing area is approximately 20 hectares.

Existing features exhibit predominantly regrowth eucalypt woodland with eroded gullies and creeks. Dominant trees species include *Acacia* species, *Allocasuarina luehmannii, Eucalyptus tereticornis, E. siderophloia, E. crebra, E. melanophloia, Corymbia citriodora, C. tesselaris, Angophora leiocarpa, and Lophostemon suaveolens*. Understorey vegetation consists of grass, area of dense weed growth, and dense leaf litter.

Map 1: Project Location



Source: Adapted from Queensland Globe (2023)

1.3 Current Permits and Authorities

All activities conducted during the site investigations were implemented under the provisions of several permits issued to Queensland Fauna Consultancy Pty Ltd by the Department of Environment and Science (DES), and the Department of Agriculture and Fisheries (DAF). These permits and additional authorities are listed in Table 1.

Table 1: Current Permits and authorities issued to QFC

Permit/Authorisation	Permit Number	Expiry Date
Damage Mitigation Permit	WA0047114	31 st October 2025
Rehabilitation Permit	WA0026789	16th September 2023
Scientific Purposes Permit	WA0032325	3 rd March 2026
Scientific User Registration	Registration Number 589	27 th February 2025
Animal Ethics	CA 2022/01/1569	27 th February 2025
General Fisheries Permit	262922	10 th May 2026

These permits and approvals enable QFC to conduct the investigation, observation and relocation of protected animals exposed to disturbance due to infrastructure expansion resulting in the destruction of natural and artificial habitats.

2. Mitigation Strategies

2.1 Fauna Spotter

It is advised that all identified fauna habitats onsite be inspected by a licensed Fauna Spotter prior to vegetation clearing, and all vegetation removal activities be supervised during the clearing process.

2.2 Clearing Methodologies

In accordance to the *Nature Conservation (Koala) Conservation Plan 2017* the following sequential clearing conditions are required to be adhered to:

- Clearing of trees is carried out in a way that ensures koalas living in or near the area being cleared (the clearing site) have enough time to move out of the clearing site without human intervention, including in particular, for a clearing site with an area of more than 6ha, by:
 - Carrying out the clearing in stages; and
 - o Ensuring not more than the following is cleared in any one stage:
 - for a clearing site with an area of 6 ha or less—50 percent of the site's area;
 - for a clearing site with an area of more than 6ha—3ha or 3 percent of the site's area, whichever is the greater; and
 - Ensuring that between each stage there is at least one period of 12 hours that starts at 6 p.m. on a day and ends at 6 a.m. on the following day, during which no trees are cleared on the site;

In addition to these measures it is recommended that clearing activities be undertaken in a directional manner specified by the fauna spotter/catcher. This is done to reduce the likelihood of negative interactions between fauna and potential hazards e.g. roads and traffic, prevent isolation of fauna through habitat fragmentation, and to ensure that natural dispersal of wildlife away from clearing activities is not impeded.

A plan detailing the recommended clearing direction can be viewed in Appendix A.

2.3 Fauna Fencing

Due to the location of the clearing footprint, the installation of temporary fencing may aid in minimizing the movement of large fauna, including highly mobile macropods into adjacent estates and nearby roadways.

The addition of further fauna fencing may be required if site conditions change and fauna considerations are presented by the fauna spotter catcher.

2.4 Felling Procedures

Trees identified as having potential fauna values (such as hollows, arboreal termitaria and exfoliating bark) will be clearly identified and subsequently marked for supervision during felling and inspected once felled. Efforts will be made to determine potentially occupant species by way of investigations for indicative signs (scats, scratchings and tracks) on the day(s) of clearing. Where no signs are found or potentially occupant species are undeterminable, machinery operators will be instructed to fell trees in a manner directed at minimising the potential risk of injury to fauna.

All identified microhabitats will be inspected via ground-based observation and the direction of felling will be determined considering the safety of personnel, machinery and potentially occupant fauna. Felling procedures will see implementation of a soft felling technique specifically constructed by QFC to achieve minimal deceleration and impact upon felling. This will be achieved under direction of the Fauna Spotter present directly communicating with the plant operator(s).

2.5 Macropods

Macropod movement throughout the site was identified by the presence of scats and footprints during the fauna survey, as well as several sightings of Red-necked Wallabies *Notamacropus rufogriseus*.

The area of proposed clearing activities exhibits connectivity to notable habitat values to the south and east. Therefore, if clearing commences in a directional and incremental fashion any macropods potentially encountered on site may move on of their own volition. In this event, it is recommended that clearing proceed as already recommended with continual reassessment by the onsite fauna spotters.

2.6 Aquatic Fauna

In the event aquatic dewatering activities will be required within the proposed clearing area; pooled water and drainage features will be inspected during terrestrial load reduction activities ahead of the clearing front. The following recommendations are made to mitigate impacts to potentially occupant fauna:

- Inspection of banks, peripheral vegetation and other immediate terrestrial microhabitats;
- Identification of potential fauna values including: logs, rocks, artificial structures, discarded rubbish and burrows;
- Targeted searched for frog egg deposition sites on debris, bank edges, water surface and vegetation.

2.7 General Terrestrial and Arboreal Fauna

Overall, the site contains medium value refugial opportunities for arboreal and terrestrial fauna species. The species expected within the site are likely to primarily reflect common fauna assemblages for the region however provisions are proposed directly for common fauna and species of conservation significance.

It is advised that all identified fauna habitats onsite be inspected by a DES approved Fauna Spotter prior to vegetation clearing and all vegetation removal activities be supervised during the clearing process. Terrestrial load reduction activities will be conducted ahead of the clearing front where possible. Fauna captured will be relocated to adjacent habitat consistent with the life history requirements of the species requiring translocation.

2.8 EVNT & SLC Fauna

It is not envisaged that any species, listed under the provisions of the *Environment Protection and Biodiversity Conservation Act 1999* or the *Nature Conservation Act 1992*, other than those listed in the WPMP, will require specific management during vegetation clearing activities.

However, specific management for those identified EVNT & SLC species will include targeted investigations immediately prior to vegetation removal activities on each day of clearing and subsequently whilst clearing takes place. Preliminary investigations will be supported by additional monitoring applied during clearing activities with a designated fauna spotter operating with each machine actively involved in vegetation or identified habitat disturbance. These should include the following:

Short-beaked Echidna

Although no individuals were observed during the survey, evidence of echidna use throughout the site was observed during the inspection by QFC and would see probability for the Short-beaked Echidna to be encountered during clearing activities.

The following recommendations are made for management of potentially occurring Short-beaked Echidna:

- Daily inspection of areas to be cleared for transient individuals;
- Inspection daily for potential burrow sites;
- Monitored dismantling of identified microhabitats by fauna spotters with machinery assistance

Koala:

As favoured Koala food trees on site exceed a diameter of 100mm at 1.3 metres from the ground, requirements under the Koala Plan's 'Koala Habitat Area' provisions trigger the need for inspection and monitoring during vegetation clearing by a qualified Fauna Spotter.

Historically known to occur within the area the Koala will feature highly in daily search efforts with a dedicated and detailed methodology employed as follows:

- Pre-clearing (preliminary) investigations to be conducted specifically for Koala detection by one experienced fauna spotter a minimum half hour prior to works each day. The investigation will embrace all designated clearing zones identified for that day inclusive of a 25-metre buffer around that zone;
- Once clearing commences a fauna spotter will accompany each machine providing continuous verification of habitat values and potential identification of undetected koalas ahead of operating plant. This will also account for potentially transient Koalas that may enter the site after preliminary investigations are complete.

Direct observational methodology will include the following components

- Use of binoculars to inspect the crown, forks and trunk of trees for individuals currently occupying the site;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas;
- Repeat observations made of single trees from numerous angles at repeated times throughout the clearing activities by the assigned fauna spotter.

In the event a Koala is detected, the Fauna Spotter will determine the appropriate course of action with exclusion zones implemented and alterations to the clearing plan discussed with the Site Supervisor. Once defined, these directions will be communicated to the plant operators and clearing will proceed in accordance with the recommendations made.

Changes to Koala management strategies highlighted in the *Nature Conservation (Koala)* Conservation Plan 2017 have resulted in particular conditions placed on vegetation clearance involving the removal of Koala food trees. These provisions entail an increased responsibility by developers and land clearance operators alike to ensure the welfare of potentially present Koalas in areas identified as having significance for the persistence of this species.

Where significance under planning instruments is assigned provisions may include the restriction of all clearance that directly interferes with any tree a Koala is residing in or surrounding trees that, when felled, may impact on the crown of the host tree. Koalas are to leave via their own volition through a corridor designated by the Fauna Spotter to the closest remaining suitable habitat.

Throughout this time the Koala may not be interfered with by any means unless special dispensation has been sought through the appropriate government body or where the Koala is evidently in a state of compromised health. Only when Koalas have vacated a tree can clearance operations include the identified host tree and surrounding vegetation which composes the established exclusion zone. Recommendations made by the Fauna Spotter on site will embrace these provisions.

Response to Diseased/Injured Koalas

In the event the Fauna Spotter Catcher detects a koala showing signs of disease or injury the following procedure is to be implemented immediately after establishing the machinery exclusion zone:

- Photograph the animal and where possible the specific issue observed (i.e. dirty rump, emaciation);
- Contact Bryan Robinson, Principal Ecologist at QFC, to provide further assessment of the Koala via the images taken;
- Bryan to contact the Ipswich Koala Protection Society (IKPS) President Ruth Lewis for further opinion and collaboratively decide on the relevant response and timing;
- Where deemed to require veterinary assistance a Koala trap will be acquired from IKPS and installed by QFC;
- Bryan to ensure DES are immediately notified of the intended take of the animal;
- All Koalas will be taken to Moggill Koala Hospital for veterinary examination upon capture.

Employed Koala Trapping Technique

A dedicated Koala trap will be utilised in the event a Koala is deemed to require veterinary assistance. The trap used (Figure 1 and Figure 2) will be supplied by IKPS and consists of the following components:

- 1200mm high Core flute wall;
- Steel bracing pins/star pickets;
- Zip ties;
- Purpose built Koala trapping box with guillotine/footpad style closing mechanism.

The core flute wall is placed around the tree the koala is in to form a solid barrier, subsequently channelling the animal to the trapping box when it descends from the tree. Checks are conducted on the trap periodically between 6pm and 6am to check if the Koala has entered the trap. Once captured the Koala is transported within the trapping box to minimise handling and undue stress or interference. Notification is given immediately to Bryan Robinson who will provide transportation and inform IKPS of the pending arrival of the Koala to Moggill Koala Hospital.



Figure 1: Koala trap exterior



Figure 2: Koala trap interior

Grey-headed Flying Fox:

Although no Flying Fox camps or roosts were noted during the site survey, the transient nature of this species and the abundance of available feeding resources would see probability for the species to intermittently utilise the site.

The following recommendations are made for management of potentially occurring Grey-headed Flying Fox:

- Daily Inspection of trees assigned for removal be conducted to detect potential roosting Flying Foxes;
- Trees found to contain roosting Flying Foxes to be left standing and re assessed at the end
 of each days clearing. Being a transient species, the disturbance associated by the
 surrounding clearing is likely to see individuals fly off via its own volition come nightfall and
 not return the following morning, thus negating the need for direct disturbance.

Rufous Fantail:

The site contains preferred habitat types with the potential to support nesting localities for the Rufous Fantail.

The following recommendations are made for management of potentially occurring Rufous Fantail:

- Inspection daily of trees assigned for removal in areas of likely occurrence to detect potentially roosting birds;
- Observation of mature birds to ensure individuals are out of immediate felling zones;
- Implementation of a soft felling technique where trees are determined to have potential nests.

White-throated Needletail:

The site contains preferred habitat types for the White-throated Needletail; however, the species does not breed in Australia. It is unlikely that either species will be impacted by clearing activities as it is rare to see these species perched. Observations are likely to be limited to flyovers and aerial foraging high above the area of works.

Rainbow Bee-eater:

The site contains preferred habitat types with the potential to support nesting localities for the Rainbow Bee-eater and the species was sighted during the inspection. The following recommendations are made for management of potentially occurring Rainbow Bee-eater:

- Inspection daily of trees assigned for removal in areas of likely occurrence to detect potentially roosting birds;
- Observation of mature birds to ensure individuals are out of immediate felling zones;
- Inspection of potential burrows for nesting activity

Tusked Frog:

Habitats conducive to the presence of these amphibians are noted at several localities throughout the site. Subsequently, it is recommended that Inspection of these microhabitats be conducted prior to the disturbance of microhabitat to detect potentially occupant frogs.

3. Wildlife Capture & Removal Plan

Relocation of native fauna is a strategy that may be required during the course of developmental works to adhere to the project's required nature conservation, animal welfare and human safety objectives.

In all circumstances where native fauna is required to be relocated it must be done so, or under the direct supervision of, a suitably licensed fauna spotter/catcher. A summary of the fauna capture, handling and relocations strategies to be implemented by the fauna spotter/catcher for fauna groups deemed likely, or possible, to occur on site are presented in *Table 2*.

Table 2: Fauna capture, handling and relocation strategy table

Animal Group	Capture and handling	Relocation
Lizards Geckoes Dragons Monitors	 Place one hand behind the head at the base of the quadrates and the other at the base of the tail behind the hind limbs; Be cautious when handling smaller skinks and legless lizards as they may discard their tail; Lizards and geckoes can be placed inside suitably sized calico bags In the case of large monitor lizards keep the animal's ventral surface directly away from the body with the tail between the upper arm and torso. Dragons and small monitors can be placed in suitably sized calico bags. Larger monitors to be placed in suitably sized crate 	 Place the lizard head first into a suitable holding crate for later release. Dragons & monitors- release up trees or into heavy vegetation; Water dragons - in the vicinity of riparian areas; Skinks, Geckoes, Legless lizards - around creek margins.
Snakes	 Due to their mobile nature, large snakes generally do not require to be handled or relocated, with the exception of slow moving species (i.e. pythons) or smaller species; Snakes should be identified and only moved if competent and safe to do so (see SOP006 Handling Venomous Snakes Procedure); Do not attempt to catch a snake if you're not competent; Injured snakes should be handled with suitable equipment. 	 Release in suitable habitat e.g. along creek lines for python and tree snakes If feasible take them well away from clearance site to a suitable release location Release discreetly away from high density suburban areas
Small Mammals	 Place a gloved hand around the whole animal in the case of small mammals (melomys or rats), Do not handle rodents by the tail as this will cause damage to the tail sheath Place the animal in calico bag in a cool place for later relocation. Minimise holding time to avoid animal gnawing through bags and escaping 	Release animal into area suitable to its habitat requirements. Ensure plenty of cover is available.

Animal Group	Capture and handling	Relocation
Glider Family	 Place gloved hands around the animal at initial capture; Place the glider(s) into a calico bag or suitable animal crate ensuring family groups are kept together for all-inclusive release; Place in a cool dry area during the day. When using calico bags ensure the bag is hung and well ventilated Where possible contain gliders within hollow by plugging openings with a towel or calico bag 	 Release glider into habitat with natural hollows and canopy cover; When releasing a family group with more than one furred young (being carried on the back) either: Divide young between parents as a mother is unlikely to carry more than one young, Place young in elevated hollow with parents and allow them to move away in their own time. Place animal in bag at the base of the selected tree, opening the bag wide and allowing the animal to leave the bag when it is ready. Relocate hollow (with gliders inside) to suitable habitat and cover lightly with foliage so that the gliders can move away of their own accord and are protected from predators.
Amphibians	 Amphibians should be handled only when necessary and handling times should be kept to a minimum to help prevent: Removal of the protective mucous layer covering the skin of amphibians; To prevent handling stress induced by changes in their body temperature; Risk of spreading pathogens and parasites. Amphibians from different sites need to be kept isolated from each other, and need to be kept in different containers or bags; Any dead or sick amphibians need to be quarantined from other amphibians. Amphibians can be handled utilising one of the following methodologies: Bare handed – ensure hands are sterilized before handling and free from lotions, sunscreen etc. Gloves – disposable gloves desirable or disinfect gloves between handling different animals; Plastic bags – Single use lightweight plastic bags can be used to pick up and handle frogs; again, plastic bags should be disposed of before handling amphibians form a different site. All staff should be knowledgeable and familiar with the <i>Interim Hygiene Protocol for Handling Amphibians – Technical Manual (DEHP)</i> 	 Always ensure that amphibians are kept moist until release. This can include storing in a designated container with moist soil or toweling or in a wet calico bag; Release into suitable adjacent vegetation that is typical of the species requirements; Suitable release locations include riparian vegetation, low-lying wetlands, alongside creek lines, hollow logs, dams and ponds; Amphibians from different sites need to be released in separate locations; Disinfection procedures in relation to amphibians need to be followed.

Animal Group	Capture and handling	Relocation
Macropods	 Capture and restraint of macropods carries a high risk of injury and fatal hyperthermia/myopathy syndrome, and must not be performed by inexperienced personnel, or without appropriate equipment and sedation. Capture and restraint of healthy macropods (other than pouch young) must be performed using sedation or anaesthesia due to the high risk of developmental myopathy, and other capture and restraint-associated conditions. Sedative and anaesthetic drugs may only be used under direct supervision of a registered veterinarian, or by appropriately licensed persons (Hanger & Nottidge, 2009). 	 Release animal into suitable to its habitat requirements. Ensure plenty of cover is available. Macropods are to be released within the range of normal movement from their place of origin. E.g. a Kangaroo can be released within 100 km of its origin, based on its capacity to travel long distances. Monitor animals to ensure adequate recovery if sedated.
Microbats	 Only vaccinated persons are to handle bats If possible, plug the hollow opening with a bag or towel and ask the operator to cut the hollow from the tree; Always wear gloves when handling bats. If not contained within a hollow, place bats inside a calico bag and hang upright in a cool place 	 Relocate hollow (with bats inside) to suitable habitat and cover lightly with foliage so that the bats can move away of their own accord and are protected from predators. Bats not contained within a hollow should be released as late as possible at the end of the day.
Possums	 Use thick elbow length gloves when handling possums; Try to grip the animal behind the head near the shoulder blades and around the tail so that you have control of the animal; Keep fingers away from the mouth of the animal; Keep the animal's body facing away at all times; Transfer into a thick calico bag and then into a kitty crate. Place in a safe and shady place until you can relocate the animal. 	 Release the possum into habitat with adequate hollows and cover; Place animal in bag at the base of a select tree, opening the bag and allow the animal to leave the bag when it is ready; When releasing a Ringtail Possum mother with more than one furred young (being carried on her back) it is unlikely that she will carry both young if highly stressed; Choose a smaller shrubby tree with vines or heavy foliage (so the adult can construct a drey easily) Watch the adult ascend the tree, it is possible she will only carry one young and so any additional young may be pushed from her back It may be necessary to take one or more of the young to a wildlife carer If possible place mother and young in a suspended hollow, cover lightly with foliage and allow the animals to move on their own accord. This way the mother can ferry young one at a time to a more suitable location.

Animal Group	Capture and handling	Relocation
Birds	 Use gloves when handling larger birds Use a towel to cover the bird and simultaneously restrain the bird and transfer into calico bag With larger parrots and raptors, restrain head and legs and transfer into a kitty crate Wrap chicks loosely in a towel and transfer to kitty crate, keep in a warm location. 	 Relocate adult birds in suitable habitat Chicks should be referred to wildlife carer
Koalas	Movement of Koalas is heavily legislated in South East Queensland. Koalas are not to be captured or relocated without the prior consent of Department of Environment ar Science (DES). Koalas should be left to move away of their own volition and trees are not to be felled while a Koala remains in occupancy. See SOP003 Koala Management Procedure for further information.	

Queensland Fauna Consultancy Pty Ltd

4. Wildlife Contingency Plan

In the event sick, injured or orphaned protected animals are encountered during the course of the project they shall be administered to in accordance with the *Code of Practice Care of Sick, Injured or Orphaned Protected Animals in Queensland* under the *Nature Conservation Act 1992*.

The stages in which injuries or illness are described under the code are as follows:

Critical: Injuries or illnesses that are life-threatening; for example, an animal that has been struck by a car and has serious head injuries.

Serious: Injuries or illnesses that might reasonably be expected to cause moderate pain (but are not immediately life-threatening), and the animal is not showing obvious signs of distress or pain, or significantly reduced mental activity; for example, an animal with a closed fracture but no other apparent injuries and that is alert and responsive.

Mild: The injuries or illness of an animal appear to cause little discomfort, pain or function loss and are not life-threatening (even without immediate vet treatment); for example, superficial cuts, superficial bruising or orphaned animals suffering from mild dehydration.

4.1 Basic Wildlife Care

If wildlife requiring care are encountered by the fauna spotter/catcher, they will be attended to in the manner set out by the guidelines provided in *Table 4*. Supplementary advice will be sought from a wildlife carer and/or veterinarian where required. QFC have previously utilised experienced local carer groups and vets. These are listed in Table 3.

Table 3: List of Local Vets & Wildlife Carer Groups

Vets			
Name	Location	Contact Number	Comments
RSPCA Wildlife Hospital	139 Wacol Station Road, Wacol	07 3426 9999	24 Hours/7days
	Ca	arers	
Name	Location	Contact Number	Comments
RSPCA Wildlife Hospital	139 Wacol Station Road, Wacol	07 3426 9999	24 Hours/7days
Ipswich Koala Protection Society	lpswich	/	Specialize in koalas however rescue all wildlife
Ann De Jong	Gailes		Most fauna, particularly birds
Jessica	Park Ridge South		Birds
Natalie Scotcher	Goodna		Marsupials, macropods, birds
Ivan	Woodend		Most fauna, particularly birds

Table 4: Basic Wildlife Care

Birds	Reptiles & Amphibians	Mammals
Viable eggs must be kept warm until transferred to a suitable wildlife carer. It is necessary that the orientation of the eggs be maintained as fixed embryos may be lost. Keep wrapped in a pouch and on a heat source (where available). An ideal temperature is between 25-27° (DEHP 2013); where possible attempt to identify the species so the carer can be informed as the management of eggs can vary in accordance with species and stage of development.	Egg Viable eggs must be kept warm and stable until transferred to a wildlife carer. It is necessary that the orientation of the eggs be maintained as fixed embryos may be lost. Keep wrapped in pouch or towel and place into an animal crate in a safe location.	Neonate Unfurred animals need to be kept warm until transferred to a carer. Place into a pouch and onto a heat pad. Ideal temperature is between 31-34°. 25-27° is appropriate in most other cases (DEHP 2013). Regularly check the animal to ensure it is not overheating by observing for obvious signs of distress (i.e. panting, very warm to the touch, red blotched skin). Adjust the temperature where required. Seek further advice from the carer if you are unsure.
Chick Make sure the animal is correctly identified as different species often have very different requirements. Place chicks into a pouch/towel onto a heat source maintained around 31-34° (only if they have not fledged) and keep in an animal crate until transferred to a carer.	Juvenile Place animals in a suitable lined crate and keep covered in a dark quiet place. Refer to the wildlife contact list in your QFC Folder for a carer who specialises in reptiles.	Juvenile Place into a lined crate and keep covered in a dark and quiet location.
Adult Keep adult birds in a lined animal crate or cage and covered in a quiet area.	Adult Place animals in a suitable lined crate and keep covered in a dark quiet place. Refer to the wildlife contact list in your QFC Folder for a carer who specialises in reptiles.	Adult Place into a lined crate and keep covered in a dark and quiet location.
Feeding Providing food and water is generally not required during short periods (2-3 hrs) though this should be reconsidered if animals need to held longer. Consult the vet and/or carer for further advice on how to proceed.	Feeding Newly hatched reptiles may require feeding if kept overnight. Consult with QFC for further advice. Snakes and turtles will not require feeding but water should be made available.	Feeding Providing food and water is generally not required during short periods (2-3 hrs) though this should be reconsidered if animals need to be held longer. Consult the carer for further advice on how to proceed.

4.2 First Aid

Animals suffering from serious injuries or illness encountered on the project should be passed on to veterinary care as soon as possible. In the interim a licensed fauna spotter/catcher can provide first aid for the animal and organise suitable transportation.

If a seriously sick or injured animal is encountered the fauna spotter/catcher should:

- 1. Keep the animal calm by placing into an animal crate and keeping it covered in a dark and quiet location. Isolate any nearby threats such as domestic animals or predators.
- 2. Quickly and thoroughly inspect the animal for trauma. If the injuries are not serious enough to require euthanasia administer the basic first aid as a minimum (but only if capable to do so)

Representative first aid that may be administered by a fauna spotter/catcher is provided in *Table 5*.

Table 5: Wildlife First Aid

Ailment	First Aid
Bleeding	Using material that is clean and sanitary, apply direct pressure to the affected area. Bandages can be used to hold material in place until vet treatment can be sought. Veterinarian treatment should be sought for further assistance as soon as possible.
Broken limbs	House the animal in a suitably sized animal crate with towels under the animal for comfort. Keep the crate covered and in a quiet location. Proceed to a veterinarian for further assistance as soon as possible.
Injured tails	House the animal in a suitably sized animal crate with towels under the animal for comfort. Keep the crate covered and in a quiet location. Proceed to a veterinarian for further assistance as soon as possible.
Concussions	House the animal in a suitably sized animal crate with towels under the animal for comfort. Keep the crate covered and in a quiet location. Proceed to a veterinarian for further assistance as soon as possible.

4.3 Euthanasia

Section 12 of the code details how to determine when euthanasia is required and how to euthanise animals ethically. The following standards as listed under the code are to be followed when assessing whether euthanasia is required:

- The euthanasia of wildlife where required is to be provided for by all wildlife rehabilitators;
- Euthanasia without exception is to be carried out when:
 - Significant pain or suffering is to be alleviated where it is not able to be managed by a vet;
 - Further treatment is **not** practical, or recovery is **not** expected in a way in which the animal can be successfully rehabilitated back to the wild;
 - Resources are not available to provide appropriate care or an acceptable quality of life throughout the likely rehabilitation period.
- Animals that are suffering and have a poor prognosis for survival must be euthanised rather than left to die from the injury or illness. Failure to undertake appropriate action is a breach of the Animal Care and Protection Act 2001.
- Unless permission has been granted by the Department of Environment and Heritage Protection for the animal to enter the Queensland Species Management Plan (QSMP) or otherwise advised by the DEHP Wildlife Management Director, animals must be euthanised when:
 - An orphaned animal is not viable or likely to be rehabilitated;
 - No suitable release locations are available;
 - The ability for an animal to reproduce is lost due to an injury, disease or surgical procedure;
 - The ability to move freely or normally (i.e. run, climb, crawl, hop, fly or swim) is permanently impaired. Examples are: a missing or impaired limb, wing, foot or tail that would significantly impair the animal's ability to survive in the wild;
 - The ability to sense environment (i.e. see, smell, fell, taste or hear) is permanently impaired. For example: missing or injured organ such as an eye, ear or nose that would significantly impair the animal's ability to survive in the wild;
 - The ability to catch, find or handle food is permanently impaired;
 - o Its advanced age renders it unlikely to survive in the wild.

5. Wildlife Storage & Housing Plan

For wildlife requiring storage, temporary housing and transportation to release sites and/or to a wildlife carer or veterinarian, guidelines set out in the Code of Practice and QFC's Animal Ethics Permit will be followed.

Dependent on the species of animal and condition of the animal, temporary storage and housing of animals will be as follows:

Calico bags: Calico bags will be used to temporarily house fauna such as snakes, lizards and small mammals (including microbats), Bags will range in size from 200mm x 200mm to 600mm x 1800mm. Bag selection will vary according to the size of animals to be placed in them. In the case of snakes, a "hoop bag" may be used to facilitate capture. The hoop is approximately 500mm in diameter attached to a handle. The bag is placed around the hoop ensuring a greater area in which to pass the snake through into the bag.

Plastic holding tubs/containers/animal crate: Plastic holding tubs/containers/crates will be used to temporarily house fauna such as snakes, lizards, frogs, small mammals and birds (Plastic holding tubs/containers/crates will range in size from 150mm x 150mm x 120mm to 500mmx 400mm x

400mm. Plastic holding tubs/containers/crates selection will vary according to the size and number of animals to be placed in them.

In addition to this, material is used to line the tub/crate to ensure the animals won't lose its footing. This may include folded towels on the bottom of the crate or a fitted pad. These items are washed between each use to reduce the spread of disease/parasites.

Section 9 of the Code relates to how transportation of wildlife should be undertaken. The following will be adhered to when transporting wildlife to the vet and/or carer:

- Additional pain or distress of the animal is to be avoided;
- Wildlife should only be transported when necessary;
- Transport containers must be appropriate for the species (size, strength and behaviour of species being moved;
- Transport containers must be designed and maintained in a way as to:
 - Prevent injury;
 - Prevent escape;
 - Prevent rolling/tipping during transit;
 - Prevent damage to plumage (feathers);
 - Be hygienic;
 - Minimise stress and
 - Be suitably ventilated.

- Non-compatible species must not be transported in a manner which allows for visual or physical contact;
- Containers must be secured to prevent movement and provide protection from direct sunlight, wind and rain;

Venomous, dangerous or potentially disease transmitting animals must be clearly marked with warning labels (i.e. Caution – 'venomous snake' or 'live bat') and be locked and secured.

6. Wildlife Release & Disposal Plan

Retained bushland lies to the south and east of the clearing area and contains similar habitat types suitable for species likely to be encountered when clearing.

With the exception of highly mobile species such as birds and macropods where natural relocation may occur, it will be necessary for the fauna spotter/catcher to translocate the majority of fauna found into suitable habitat within these areas. A map of the intended release site can be viewed in Appendix B.

In regard to all fauna capture and disposal activities conducted on the project the following records will be made:

- a. species;
- **b.** identification name or number;
- **c.** sex (M, F, or unknown);
- **d.** approximate age or age class (neonate, juvenile, sub-adult, adult);
- e. time and date of capture;
- f. method of capture;
- g. exact point of capture (GPS point);
- **h.** state of health;
- i. incidents associated with capture likely to affect the animal;
- j. veterinary intervention or treatments;
- **k.** time held in captivity;
- **I.** disposal (euthanasia, re-release, translocation etc);
- **m.** date and time of disposal;
- **n.** details of disposal (if released, exact point of release GPS);
- **o.** for released animals: distance in metres from point of capture to point of release.

7. Post Works Impact Minimisation

As the project area will be cleared of all vegetation, post works impact monitoring and/or impact minimisation is deemed not necessary.

In the event that fauna is found on site post-works, it is recommended personnel contact QFC and a licensed and experienced wildlife consultant can be dispatched to remove and relocate the animal should it be necessary. QFC wildlife consultants are available 24/7 for fauna related call-outs in relation to this project.

It is recommended that if any fauna, such as Kangaroos and Wallabies, are noted in the wider area and appear distressed post-works that QFC be contacted to further assess the situation.

8. Assessment, Conclusion and Fauna Management Recommendations

A number of conclusions and recommendations are presented, with the specific intention of providing a comprehensive management structure to facilitate minimal impact to fauna during the clearing of vegetation and subsequent disturbance of habitats. The directives given by Fauna Spotter Catchers should embrace a "best practice" approach which includes implementation of proven specific management techniques for identified habitat types and compliance with legislation relevant to the activity.

Fauna management is presented here specific to EVNT & SLC fauna, general terrestrial and arboreal fauna and aquatic fauna. Although each is treated separately, overlap does occur within target techniques providing a comprehensive approach for target species of all conservation significance.

9. References

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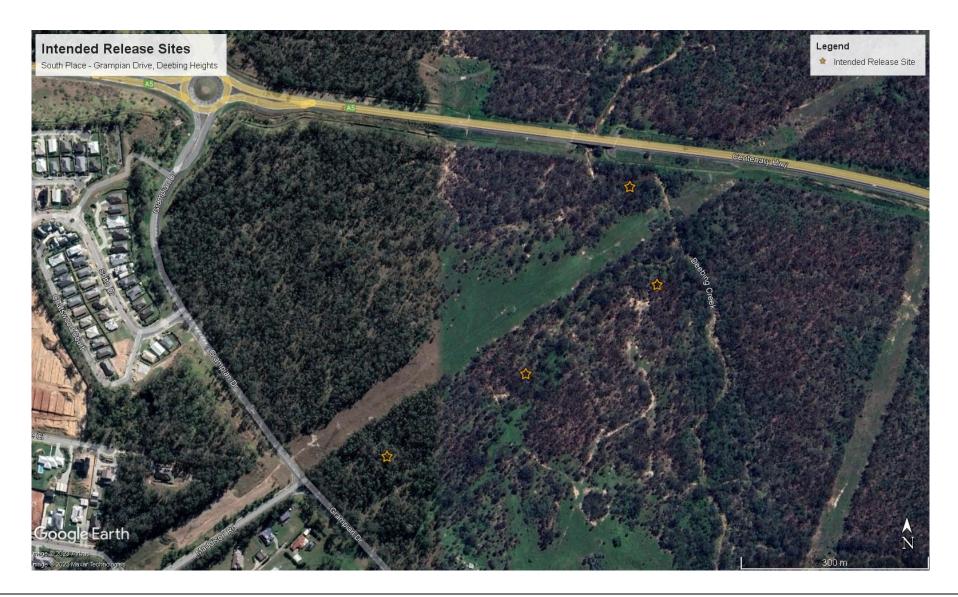
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10. Appendix A: Intended Direction of Clearing



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11. Appendix B: Intended Release Sites for Wildlife



Queensland Fauna Consultancy Pty Ltd

Appendix E

Fauna Management and Spotter/Catcher Services Report May and September 2023





May 2023

Fauna Management and Spotter/Catcher Services Report

South Place – Grampian Drive, Deebing Heights
Report prepared for Winslow



Report prepared by

QLD Fauna Consultancy Pty Ltd

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Status:	Final Report
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1 Introduction

Qld Fauna Consultancy Pty Ltd has been engaged by Winslow to conduct Fauna Spotter/Catcher and Fauna Management activities for works at Grampian Drive, Deebing Heights.

All activities were conducted under the provisions of Rehabilitation Permit (WA0026789) issued to Queensland Fauna Consultancy Pty Ltd by the Department of Environment and Science (DES), approving the observation and relocation of protected animals.

This report covers clearance activities undertaken in May 2023.

2 Methodology

2.1 Clearance Investigations

A standard set of observational and active searching techniques were employed on the dayof clearance to ascertain and identify existing fauna values for each location. These include:

- Assessment of terrestrial microhabitats such as ground hollows, rock, burrows, leaf litter, fallen branches and bark exfoliations,
- Observation and assessment of occupancy of arboreal microhabitats such as tree hollows, fissures and exfoliations,
- Direct observation of active or exposed fauna,
- Identification of scats, tracks and scratchings to determine fauna present on the site.

All microhabitats were identified and subsequently inspected during clearance.

2.2 Specific methodology for Koalas *Phascolarctos cinereus*

Due to the specific requirements relating to the Koala the following techniques were employed at the clearance site to ascertain presence/absence status:

- Use of binoculars to inspect the crown, forks and trunk of trees;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas.

Recent changes to Koala management strategies highlighted in the *Nature Conservation (Koala)* Conservation Plan 2017 have resulted in particular conditions placed on vegetation clearance involving the removal of Koala food trees.

Further provisions include the restriction of all clearance that may directly interfere with the tree a Koala is residing in. Koalas are to leave via their own volition and may not be interfered with by any means. Only when Koalas have vacated a tree can clearance operations include the host tree and surrounding vegetation.

2.3 Felling Procedures

Trees identified as having potential fauna values (such as hollows, fissures and exfoliating bark) were clearly marked for supervision during felling and inspected once felled. Efforts were made to determine potentially occupant species by way of investigations for indicative signs (scats, scratchings and tracks). Where no signs were found or occupant species undeterminable, machinery operators were instructed to fell trees in a manner directed at minimising the potential risk of injury to fauna.

Limbs were inspected and the direction of felling determined with regards to safety of both machinery and operators. Considerations to potentially occupant fauna were assessed and felling procedures formulated. Felling procedures may have included the following techniques:

- Machinery blades were utilised to shake the tree in an attempt to disturb fauna out of hollows or fissures to determine species present.
- If fauna were present, the tree was either left standing overnight to allow the occupant animal(s) time to leave via their own volition, or if species detected were able to be encouraged from the tree by shaking or direct capture by a wildlife spotter(s). The tree was felled with considerations to potentially undetected fauna.
- Where possible potentially occupied trees were felled with the identified microhabitat receiving minimal contact on impact.
- Adjacent felled trees were utilised to absorb the impact of potential fauna bearing trees.

2.4 Communications during Clearance

Each spotter/catcher was equipped with a hand held radio to make positive communications with machinery operators. Communications by radio and positive hand signals were utilised to indicate intentions to machinery operators.

3 Results

The following daily inventory details fauna-based investigation results for the clearing area. Inspection activities, location, habitat values and fauna found are documented where required.

Tuesday 16th May 2023

- Pre-clearance activities carried out (refer to Methodology) South Place Grampian Drive,
 Deebing Heights
- Vegetation clearance carried out at South Place Grampian Drive, Deebing Heights
- 3 trees flagged
- Two personnel in attendance

Hollow logs ⊠Y □N Woody debris ⊠Y □N Rock piles ⊠Y □N Burrows □Y ⊠N
No. & size of hollow/s (mm): 0-49mm: 1 Terrestrial Microhabitats:
Others: Exfoliating bark, Fissure
Nest – inactive ⊠Y □N Hollows ⊠Y □N Arboreal termitaria ⊠Y □N
Arboreal Microhabitats: No. flagged tree/s felled: 10

Wednesday 17th May 2023

Works did not commence.

4 Conclusion

All vegetation clearance was supervised as requested by Winslow and in accordance with stipulations as expressed in the *Nature Conservation (Koala) Conservation Plan 2017.*

No koalas were observed during clearance and no other fauna required mitigation during clearing activities.

All supervised clearance activities were conducted with the full co-operation of onsite personnel and machinery operator/s.

5 References

Department of Environment and Heritage Protection (2017) *Nature Conservation (Koala) Conservation Plan 2017.* Queensland Government.

References for nomenclature

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September 2023

Fauna Spotter Catcher Pre-clearance and Habitat Values Survey

152-280 Grampian Drive Deebing Heights, Queensland Report prepared for Winslow Pty Ltd



Report prepared by

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Field personnel:	Lee Evans
Status:	Final Report
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1. Introduction

1.1 Project Background

Queensland Fauna Consultancy Pty Ltd has been engaged by Winslow Ptd Ltd to conduct a Fauna Spotter Catcher Pre-clearance and Habitat Values Survey and present a subsequent report for 152-280 Grampian Drive, Deebing Heights, Queensland. The site location is presented in Map 1.

The objective of this report is to summarise the existing fauna values present and assign mitigatory strategies applicable to probable species likely to be encountered during the clearing of identified habitats throughout or within specific localities of the site. Fauna species both common and of elevated conservation value have been considered within the parameters of onsite investigations and, where provided to QFC, include review of current fauna and floristic reports that may influence the assemblages expected to utilise the micro habitats evident within the site.

This review encompasses species identified under the provisions of the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 and the Queensland Nature Conservation Act 1992. Further consideration is given, where applicable, to species of iconic, cultural and/or regional significance identified under commonwealth, state or local planning instruments aimed at the persistence of biodiversity values within the area.



Map 1: Locality Plan

Source: Winslow Pty Ltd (2023)

1.2 Current Permits and Authorities

All activities conducted during the site investigations were implemented under the provisions of several permits issued to Queensland Fauna Consultancy Pty Ltd by the Department of Environment and Science (DES), and the Department of Agriculture and Fisheries (DAF). These permits and additional authorities are listed in Table 1.

Table 1: Current Permits and authorities issued to QFC

Permit/Authorisation	Permit Number	Expiry Date
Damage Mitigation Permit	WA0047114	31 st October 2025
Rehabilitation Permit	WA0054295	13 th September 2026
Scientific Purposes Permit	WA0032325	3 rd March 2026
Scientific User Registration	Registration Number 589	27 th February 2025
Animal Ethics	CA 2022/01/1569	27 th February 2025
General Fisheries Permit	262922	10 th May 2026

These permits and approvals enable QFC to conduct the investigation, observation and relocation of protected animals exposed to disturbance due to infrastructure expansion resulting in the destruction of natural and artificial habitats.

2. Methodology

A site inspection was carried out on 18th September 2023 by Qld Fauna Consultancy. A standard set of observational techniques aimed at maximising the detection of fauna and the probable habitats they may occupy were employed to ascertain and identify the current fauna values throughout the project area. Where species of elevated conservation significance where foreseen as potentially present targeted searches were instigated to further evaluate individual species habitat.

Due to the habitat variability expressed across the development site the composition of investigations may include a range of features that entail specific components indicative of the presence of particular species or faunal groups. This may include where evident, observation of activity or signs of both historical and current use.

These may include but are not limited to the following:

- Identification of terrestrial microhabitats such as ground hollows, rock, burrows, leaf litter, stands of heavy vegetation, fallen branches and bark exfoliations;
- Identification of arboreal micro habitats including basal, trunk and limb hollows, tree fissures, bark exfoliates and arboreal termitaria;
- Identification of constructed arboreal micro habitats including bird nests and Ringtail Possum dreys;
- Artificial habitats including but not limited to ornamental gardens, discarded rubbish, human dwellings and other infrastructure;
- Observation and investigation of aquatic habitats including dams, soaks, creeks, rivers and seasonally inundated vegetation communities. Artificial aquatic habitats may include constructed drains and culverts. Further components of interest include bank profiles and undercuts, submerged and/or exposed timber and rock, immediate aquatic and riparian vegetation, surfacing animals, nesting and/or feeding birds;
- Direct observation of active or exposed fauna within terrestrial, aquatic and arboreal habitats;
- Identification of scats, tracks and scratchings to determine fauna potentially present or to have historically utilised the site for either transient or longer-term life history purposes.

2.1 Specific methodology for Koalas *Phascolarctos cinereus*

Due to specific requirements and the cryptic nature of the Koala the following techniques were employed to assist in ascertaining the current and historical presence/absence status of the species at the site:

- Use of binoculars to inspect the crown, forks and trunk of trees for individuals currently occupying the site;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas.

3. Findings

The findings endeavor to demarcate the existing habitat profiles and the features present into three distinct groups: terrestrial, arboreal and aquatic. All habitat features present onsite are noted, however it is probable additional features will be present with these being accounted for during the Fauna Spotter Catcher process to be applied to all vegetation clearing across the site.

3.1 Terrestrial Habitat Features

The terrestrial fauna values of the site consist of a variety of different components and microhabitat features. This includes an open low-level understorey of Eucalypt regrowth with sections exhibiting dense cover provided by dense grass (Figure 1). These features represent a moderate terrestrial fauna habitat value for numerous common reptile, amphibian and small mammal species.

Dense leaf litter and bark exfoliations also feature on site being present in abundance and at variable depths (Figure 2 and Figure 3), providing both refugial opportunities and microhabitat connectivity that can be exploited by a number of different native terrestrial vertebrate and invertebrate species.

Further the site exhibits woody debris (Figure 4) and hollow stumps (Figure 5) that may provide habitat opportunities for reptiles and small mammals. Scattered rocks are also present (Figure 6), contributing to the provision of a variety of thermal and moisture gradients that can be exploited by a number of different native terrestrial vertebrate and invertebrate species.

Mammal assemblages may comprise both native and introduced species. Native species that may occur on site include the Red-necked Wallaby *Notamacropus rufogriseus* and the Northern Brown Bandicoot *Isoodon macrourus*, which may be present in localities with significant vegetative ground cover.

These features collectively contribute to the potential presence of a wide variety of native fauna species utilising the area for refugial, foraging and other resources. Probable species include the Wall Skink *Cryptoblepharus pulcher*, Dark-flecked Garden Sunskink *Lampropholis delicata*, Eastern Blue-tongued Lizard *Tiliqua scincoides*, Common Tree Snake *Dendrelaphis punctulata*, Coastal Carpet Python *Morelia spilota mcdowelli*, and Eastern Bearded Dragon *Pogona barbata*.

GPS coordinates for identified terrestrial habitat features are shown in Table 2.

Table 2: Localities for identified terrestrial habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Dense Leaf Litter	-27.683665, 152.758827
2	Dense Weeds	-27.683270, 152.758513
3	Bark Exfoliations (Terrestrial)	-27.682967, 152.758329
4	Hollow Stump	-27.682985, 152.758342
5	Rock Pile	-27.683246, 152.758534
6	Woody Debris	-27.683642, 152.758838



Figure 1: Dense grass



Figure 2: Dense leaf litter



Figure 3: Bark exfoliations



Figure 4: Woody Debris



Figure 5: Hollow stump



Figure 6: Scattered rocks

3.2 Arboreal Habitat Features

The clearance site consists predominantly of dry Eucalypt woodland (Figure 7 and Figure 8) with some older specimens scattered throughout. Onsite trees exhibit potential feeding and nesting resources for a number of bird and mammal species. Hollow-bearing trees and stag trees are present in the clearance area (Figure 9, Figure 10 and Figure 11), which may provide habitat opportunities for arboreal mammals, reptiles, and birds. A number of avian species were observed utilising the site at the time of the inspection (foraging or perching) with these species are presented in Table 4. Exfoliating bark on tree trunks may provide refugial opportunities for reptile species including skinks and geckos.

Koala food trees located in the clearance area include *Eucalyptus longirostrata*, *E. crebra*, *Corymbia citriodora*, *and C. tessallaris*. However, no evidence was observed to indicate recent use of these trees by koalas. No koala scats were found during 'drip zone' searches and characteristic scratchings were not found during trunk investigations. A Koala habitat values map for the clearance area is presented in Appendix A.

GPS coordinates for identified arboreal habitat features are shown in Table 3.

Table 3: Localities for identified arboreal habitat features

Number	Habitat Feature	GPS Coordinates (Latitude, Longitude)
1	Dead Stag	-27.683351, 152.758577
2	Hollow Bearing Tree	-27.683123, 152.758463
3	Hollow Bearing Tree	-27.683107, 152.758436
4	Hollow Bearing Tree	-27.682987, 152.758278



Figure 7: Site view



Figure 8: Open canopy



Figure 9: Hollow bearing tree



Figure 10: Hollow bearing tree



Figure 11: Hollow bearing tree

Table 4: Arboreal Fauna Species Observed

Number	Common Name and Scientific Name	Conservation Status	
Nullibel		NCA	ЕРВС
1	Rainbow Lorikeet <i>Trichoglossus haematodus</i>	Least Concern	Not Listed
2	Torresian Crow Corvus orru	Least Concern	Not Listed

3.3 Aquatic Habitat Features

No notable aquatic features are present in the clearing area.

3.4 Endangered, Vulnerable and Near Threatened (EVNT) Species

It is not envisaged that any EVNT fauna species will be detrimentally impacted by the proposed works. However, two species identified within the Online EPBC Protected Matters Report (Appendix B) and the Queensland Government Wildlife Online Search Tool (Appendix C) were considered possible to occur within the site and will require further mitigation during clearing activities.

Although evidence was not found during the site inspection of recent Koala use, the species has previously been recorded in the area. The site contains connectivity to habitat identified as Core Koala Habitat under the Koala Habitat in South East Queensland mapping sourced from the Queensland Globe online search tool (see Appendix A).

It is advised that dedicated methodologies be employed by a qualified Fauna Spotter specific to the detection of these identified species prior to vegetation clearing activities.

Table 5: Significant species deemed possible to occur within the clearance survey area

Common Name Scientific Name	Species Information	Likelihood of Occurrence within the Clearance Survey area
Mammals		
Koala Phascolarctos cinereus EPBC: Endangered NCA: Endangered	Inhabits a range of open forest and woodland communities which may include any of the following noted food trees: Eucalyptus, Corymbia, Melaleuca, Angophora and Lophostemon.	Possible Known food trees for the transient Koala (Phascolarctos cinereus) occur on the clearance site and the species is well documented within the area.
Grey-headed Flying-fox Pteropus poliocephalus EPBC: Vulnerable NCA: Least Concern	The Grey-headed Flying-Fox roosts in aggregations of various sizes on exposed branches, commonly of emergent trees. Roost sites are typically located near water, such as lakes, rivers or the coast. Habitat includes open forests, woodlands, urban parks and gardens.	Possible Suitable vegetation communities containing both feeding and roosting resources occur on and adjacent to the clearance site.

4. Assessment, Conclusion and Fauna Management Recommendations

A number of conclusions and recommendations are presented, with the specific intention of providing a comprehensive management structure to facilitate minimal impact to fauna during the clearing of vegetation and subsequent disturbance of habitats. The directives given by Fauna Spotter Catchers should embrace a "best practice" approach which includes implementation of proven specific management techniques for identified habitat types and compliance with legislation relevant to the activity.

Fauna management is presented here specific to EVNT fauna, and general terrestrial and arboreal fauna. Although each is treated separately, overlap does occur within target techniques providing a comprehensive approach for target species of all conservation significance.

4.1 EVNT Fauna

It is not envisaged that any species, listed under the provisions of the *Environment Protection and Biodiversity Conservation Act 1999* or the *Nature Conservation Act 1992*, other than those listed in Table 5, will require specific management during vegetation clearing activities.

However, specific management for those identified EVNT species will include targeted investigations immediately prior to vegetation removal activities on each day of clearing and subsequently whilst clearing takes place. Preliminary investigations will be supported by additional monitoring applied during clearing activities with a designated fauna spotter operating with each machine actively involved in vegetation or identified habitat disturbance. These should include the following:

Koala:

As favoured Koala food trees on site exceed a diameter of 100mm at 1.3 metres from the ground, requirements under the Koala Plan's 'Koala Habitat Area' provisions trigger the need for inspection and monitoring during vegetation clearing by a qualified Fauna Spotter.

Historically known to occur within the area the Koala will feature highly in daily search efforts with a dedicated and detailed methodology employed.

Direct observational methodology will include the following components:

- Use of binoculars to inspect the crown, forks and trunk of trees for individuals currently occupying the site;
- 'Drip zone' searches at the base of known food trees for the presence of scats to a radius equal to that of the crown of individual trees;
- Inspection of trunks for scratchings indicative of use by Koalas;
- Repeat observations made of single trees from numerous angles at repeated times throughout the clearing activities by the assigned fauna spotter.

In the event a Koala is detected; the Fauna Spotter will determine the appropriate course of action with exclusion zones implemented and alterations to the clearing plan discussed with the Site Supervisor. Once defined, these directions will be communicated to the plant operators and clearing will proceed in accordance with the recommendations made.

Changes to Koala management strategies highlighted in the *Nature Conservation (Koala)* Conservation Plan 2017 have resulted in particular conditions placed on vegetation clearance involving the removal of Koala food trees. These provisions entail an increased responsibility by developers and land clearance operators alike to ensure the welfare of potentially present Koalas in areas identified as having significance for the persistence of this species.

Where significance under planning instruments is assigned provisions may include the restriction of all clearance that directly interferes with any tree a Koala is residing in or surrounding trees that, when felled, may impact on the crown of the host tree. Koalas are to leave via their own volition through a corridor designated by the Fauna Spotter to the closest remaining suitable habitat.

Throughout this time, the Koala may not be interfered with by any means unless special dispensation has been sought through the appropriate government body or where the Koala is evidently in a state of compromised health. Only when Koalas have vacated a tree can clearance operations include the identified host tree and surrounding vegetation which composes the established exclusion zone. Recommendations made by the Fauna Spotter on site will embrace these provisions.

Grey-headed Flying Fox:

Although no Flying Fox camps or roosts were noted during the site survey, the transient nature of this species and the abundance of available feeding resources would see probability for the species to intermittently utilise the site.

The following recommendations are made for management of potentially occurring Grey-headed Flying Fox:

- Daily Inspection of trees assigned for removal be conducted to detect potential roosting Flying Foxes;
- Trees found to contain roosting Flying Foxes to be left standing and re assessed at the end
 of each days clearing. Being a transient species, the disturbance associated by the
 surrounding clearing is likely to see individuals fly off via its own volition come nightfall and
 not return the following morning, thus negating the need for direct disturbance.

A DES approved Fauna Spotter should be in attendance throughout all disturbance of vegetation associated with identified EVNT habitats. No clearing is to commence prior to the Fauna Spotter being satisfied all required investigations have been undertaken within the designated areas to be cleared.

4.2 General Terrestrial and Arboreal Fauna

Overall the site contains medium value refugial opportunities for arboreal and terrestrial fauna species (see Section 3.1 and 3.2). The species expected within the site are likely to primarily reflect common fauna assemblages for the region however provisions are proposed directly for common fauna and species of conservation significance.

It is advised that all identified fauna habitats onsite be inspected by a DES approved Fauna Spotter prior to vegetation clearing and all vegetation removal activities be supervised during the clearing process. Terrestrial load reduction activities will be conducted ahead of the clearing front where possible. Fauna captured will be relocated to adjacent habitat consistent with the life history requirements of the species requiring translocation.

4.3 Felling Procedures

Trees identified as having potential fauna values (such as hollows, fissures and exfoliating bark) will be clearly identified and subsequently marked for supervision during felling and inspected once felled. Efforts will be made to determine potentially occupant species by way of investigations for indicative signs (scats, scratchings and tracks) on the day(s) of clearing. Where no signs are found or potentially occupant species are undeterminable, machinery operators will be instructed to fell trees in a manner directed at minimising the potential risk of injury to fauna.

All identified micro habitats will be inspected via ground based observation and the direction of felling will be determined considering the safety of personnel, machinery and potentially occupant fauna. Felling procedures will see implementation of a soft felling technique specifically constructed by QFC to achieve minimal deceleration and impact upon felling. This will be achieved under direction of the Fauna Spotter present directly communicating with the plant operator(s).

5. References

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6. Appendix A: Koala Habitat Values





— Local — Private

Railway

Cities and Towns



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7. Appendix B: EPBC Act Protected Matters Report



Australian Government

Department of Climate Change, Energy, the Environment and Water

EPBC Act Protected Matters Report

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

Report created: 18-Sep-2023

Summary

Details

Matters of NES

Other Matters Protected by the EPBC Act

Extra Information

Caveat

<u>Acknowledgements</u>

Summary

Matters of National Environment Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
Listed Threatened Species:	48
Listed Migratory Species:	16

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Lands:	12
Commonwealth Heritage Places:	None
Listed Marine Species:	22
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	35
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)	[Resource Information]	
Ramsar Site Name	Proximity	Buffer Status
Moreton bay	40 - 50km upstream from Ramsar site	In feature area

Listed Threatened Ecological Communities

[Resource Information]

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

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Threatened Category Endangered	Presence Text Buffer Sta Community may occurIn feature within area	
Grey box-grey gum wet forest of subtropical eastern Australia	Endangered	Community may occurln buffer a within area	rea only
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occurIn feature area within area	
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may occurIn feature within area	area
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community likely to In feature occur within area	area
Swamp Tea-tree (Melaleuca irbyana) Forest of South-east Queensland	Critically Endangered	Community likely to In buffer a occur within area	rea only
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occurln feature within area	area

Listed Threatened Species

[Resource Information]

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

Scientific Name Threatened Category Presence Text Buffer Status
BIRD

Scientific Name	Threatened Category	Presence Text	Buffer Status
	Threatened Category	Presence Text	buller Status
Anthochaera phrygia Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour ma occur within area	
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
<u>Calyptorhynchus lathami lathami</u> South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area	In feature area
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area

2-280 Grampian Drive, Deebing Heights			
Scientific Name	Threatened Category	Presence Text	Buffer Status
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
Stagonopleura guttata Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FISH			
Neoceratodus forsteri Australian Lungfish, Queensland Lungfish [67620]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
INSECT			
Argynnis hyperbius inconstans Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within area	In feature area
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In feature area
Dasyurus hallucatus Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat may occur within area	In feature area
Dasyurus maculatus maculatus (SE mainl Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	and population) Endangered	Species or species habitat likely to occur within area	In feature area

2-2	80 Grampian Drive, Deebing Heights			
	Scientific Name	Threatened Category	Presence Text	Buffer Status
	Macroderma gigas Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
	Petauroides volans Greater Glider (southern and central) [254]	Endangered	Species or species habitat likely to occur within area	In feature area
	Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area
	Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area	In feature area
	Phascolarctos cinereus (combined popula	ations of Old, NSW and th	e ACT)	
	Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
	Potorous tridactylus tridactylus Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat may occur within area	In buffer area only
	Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat may occur within area	In buffer area only
	Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
	PLANT			
	Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat may occur within area	In feature area
	Bosistoa transversa Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat likely to occur within area	In feature area
	Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In buffer area only

2 200 Grampian Drive, Decising freights			
Scientific Name	Threatened Category	Presence Text	Buffer Status
Cupaniopsis tomentella Boonah Tuckeroo [3322]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
<u>Dichanthium setosum</u> bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Fontainea venosa [24040]	Vulnerable	Species or species habitat may occur within area	In feature area
Notelaea ipsviciensis Cooneana Olive [81858]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
Notelaea Iloydii Lloyd's Olive [15002]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Picris evae Hawkweed [10839]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Planchonella eerwah</u> Shiny-leaved Condoo, Black Plum, Wild Apple [17340]	Endangered	Species or species habitat may occur within area	In feature area
Plectranthus habrophyllus [64589]	Endangered	Species or species habitat known to occur within area	In feature area
Rhaponticum australe Austral Cornflower, Native Thistle [22647]	Vulnerable	Species or species habitat may occur within area	In feature area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area	In feature area

2-200 Grampian Drive, Deebing Heights			
Scientific Name	Threatened Category	Presence Text	Buffer Status
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
REPTILE			
Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
<u>Furina dunmalli</u> Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In feature area
Hemiaspis damelii Grey Snake [1179]	Endangered	Species or species habitat likely to occur within area	In feature area
Listed Migratory Species			source Information]
Scientific Name	Threatened Category	[Res	source Information] Buffer Status
Scientific Name Migratory Marine Birds	Threatened Category		
Scientific Name	Threatened Category		
Scientific Name Migratory Marine Birds Apus pacificus Fork-tailed Swift [678]	Threatened Category	Presence Text Species or species habitat likely to occur	Buffer Status
Scientific Name Migratory Marine Birds Apus pacificus Fork-tailed Swift [678] Migratory Terrestrial Species	Threatened Category	Presence Text Species or species habitat likely to occur	Buffer Status
Scientific Name Migratory Marine Birds Apus pacificus Fork-tailed Swift [678]	Threatened Category	Presence Text Species or species habitat likely to occur	Buffer Status
Scientific Name Migratory Marine Birds Apus pacificus Fork-tailed Swift [678] Migratory Terrestrial Species Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo	Threatened Category Vulnerable	Species or species habitat likely to occur within area Species or species habitat may occur	Buffer Status In feature area
Scientific Name Migratory Marine Birds Apus pacificus Fork-tailed Swift [678] Migratory Terrestrial Species Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651] Hirundapus caudacutus		Species or species habitat likely to occur within area Species or species habitat may occur within area Species or species habitat may occur within area	In feature area In feature area

Scientific Name	Threatened Cate	egory Presence Text	Buffer Status
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
Symposiachrus trivirgatus as	s Monarcha trivirgatus		
Spectacled Monarch [83946		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata			
Sharp-tailed Sandpiper [874]	Species or species habitat likely to occur within area	In feature area
Calidris ferruginea			
Curlew Sandpiper [856]	Critically Endang	gered Species or species habitat may occur within area	In feature area
Calidris melanotos			
Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Gallinago hardwickii			
Latham's Snipe, Japanese S	Snipe [863]	Species or species habitat known to occur within area	In feature area
Numenius madagascariensis	s		
Eastern Curlew, Far Eastern [847]		gered Species or species habitat may occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur	In buffer area only
		within area	
Tringo pobularia			
Tringa nebularia	nehank	Species or epocies	In foature area
Common Greenshank, Gree [832]	пѕпапк	Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - AMBERLEY - AP3 REMOTE RECEIVERS SITE [31479]	QLD	In buffer area only
Defence - AMBERLEY - AP3 REMOTE RECEIVERS SITE [31478]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31939]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31938]	QLD	In buffer area only
Defence - AMBERLEY - AP89 BUFFER ZONE [31940]	QLD	In buffer area only
Defence - AMBERLEY - AP90 SMALL ARMS RANGE (PURGA) [31817]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31799]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31798]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31802]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31794]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31801]	QLD	In buffer area only
Defence - AMBERLEY - RAAF BASE [31800]	QLD	In buffer area only

Listed Marine Onesice		1.D	
Listed Marine Species		<u>[Res</u>	source Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Anseranas semipalmata			
Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area

2-200 Grampian Drive, Deebing Heights			
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area

2-280 Grampian Drive, Deebing Heights			
Scientific Name	Threatened Category	Presence Text	Buffer Status
Motacilla flava			
Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area	In feature area
Myiagra cyanoleuca			
Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Numenius madagascariensis			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus			
Osprey [952]		Species or species habitat likely to occur within area	In buffer area only
Pterodroma cervicalis			
White-necked Petrel [59642]		Species or species	In feature area
White needed Feder [33042]		habitat may occur within area	in leature area
Rhipidura rufifrons			
Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula bengha	lancie (cancu lata)		
Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha ti	rivirgatus		
Spectacled Monarch [83946]	gatus	Species or species habitat may occur within area overfly marine area	In feature area
Tringa nebularia			
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area

Extra Information

EPBC Act Referrals			[Resour	rce Information 1
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Australian Super Hornet Flying Operations at RAAF Base Amberley	2008/4410		Post-Approval	In buffer area only
Bryants Road Residential Development	2023/09484		Assessment	In buffer area only
Greater Brisbane Greyhound Centre	2022/09252		Completed	In buffer area only
Greater Brisbane Greyhound Centre	2022/09321		Completed	In buffer area only
Controlled action				
Casino Ipswich Pipeline	2007/3877	Controlled Action	Completed	In buffer area only
CROCODILE 03 Military Training Exercise	2002/888	Controlled Action	Post-Approval	In buffer area only
ECCO Ripley Residential Development, Ipswich, QLD	2015/7513	Controlled Action	Post-Approval	In buffer area only
Grampian Drive Deebing Heights Residential Development, Qld	2015/7628	Controlled Action	Post-Approval	In feature area
Hayfield School Site	2021/9070	Controlled Action	Assessment Approach	In buffer area only
Paradise Waters Residential Estate, Gampian Drive, Deebing Heights	2013/6864	Controlled Action	Post-Approval	In buffer area only
Providence West Residential Development	2020/8698	Controlled Action	Further Information Request	In buffer area only
Residential development, Rawlings Road, Ripley Valley	2016/7723	Controlled Action	Post-Approval	In buffer area only
Residential Development, Ripley	2020/8791	Controlled Action	Assessment Approach	In buffer area only
Ripley Road Residential Development	2019/8539	Controlled Action	Post-Approval	In buffer area only
Ripley Road residential development, Ripley Valley, Old	2017/8095	Controlled Action	Post-Approval	In buffer area only
Ripley View Residential Subdivision	2020/8615	Controlled Action	Further Information Request	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Talisman Saber 2005 Military Exercise	2004/1819	Controlled Action	Post-Approval	In buffer area only
Not controlled action				
Aerospace and Defence Support Centre - Amberley	2010/5579	Not Controlled Action	Completed	In buffer area only
<u>Daleys Road Residential</u> <u>Development</u>	2010/5638	Not Controlled Action	Completed	In buffer area only
Grampian Drive residential development, Deebing Heights, Qld	2016/7634	Not Controlled Action	Completed	In feature area
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Inland Rail Gowrie to Kagaru Geotechnical Project, QLD	2018/8263	Not Controlled Action	Completed	In buffer area only
Master planned residential community, Ripley Valley, QLD	2014/7325	Not Controlled Action	Completed	In buffer area only
Northern Link Parallel Road Tunnels Project	2007/3824	Not Controlled Action	Completed	In buffer area only
Removal of Grey-headed Flying-fox Habitat	2005/2137	Not Controlled Action	Completed	In feature area
Residential/Commercial development Binnies Road, Ripley, Old	2016/7669	Not Controlled Action	Completed	In buffer area only
Residential Subdivision on Monterea Road, Ripley	2012/6644	Not Controlled Action	Completed	In buffer area only
Ripley Town Centre, Ipswich, QLD	2015/7471	15/7471 Not Controlled Completed In buffer Action only		In buffer area only
South West Transport Corridor	2006/2547	Not Controlled Action	Completed	In feature area
Swanbank Gas Fired Combined Cycle Plant	2008/4087	Not Controlled Action	Completed	In buffer area only
To develop the Paradise Heights residential subdivision, QLD	2014/7310	Not Controlled Action	Completed	In feature area
<u>Underground Bus and Train Project,</u> <u>Brisbane</u>	2013/7106	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manne	er)			
168 Lot Residential and Commercial Development at Deebing Heights	2009/4818	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action (particular manne	er)			
Construction & Operation 275/330kV Transmission Line	2006/2820	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Cross River Rail	2010/5427	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only

Bioregional Assessments			
SubRegion	BioRegion	Website	Buffer Status
Clarence-Moreton	Clarence-Moreton	BA website	In feature area

Caveat

PURPOSE

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

The report contains the mapped locations of:

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

2 DISCLAIMER

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

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

3 DATA SOURCES

Threatened ecological communities

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

Threatened, migratory and marine species

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

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

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

4 LIMITATIONS

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

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

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

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

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

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

Acknowledgements

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

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

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

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

Commonwealth of Australia

Department of Climate Change, Energy, the Environment and Water
GPO Box 3090
Canberra ACT 2601 Australia
+61 2 6274 1111

8. Appendix C: WildNet Species List



WildNet species list

Search Criteria: Species List for a Specified Point

Species: Animals
Type: Native

Queensland status: Rare and threatened species

Records: All Date: All

Latitude: -27.6828 Longitude: 152.7582

Distance: 5

Email: bec@qfc.com.au

Date submitted: Monday 18 Sep 2023 21:29:52 Date extracted: Monday 18 Sep 2023 21:30:03

The number of records retrieved = 3

Disclaimer

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

The State of Queensland disclaims all responsibility for information contained in this product and all liability (including liability in negligence) for all expenses, losses, damages and costs you may incur as a result of the information being inaccurate or incomplete in any way for any reason. Information about your Species lists request is logged for quality assurance, user support and product enhancement purposes only.

The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage

(https://www.qld.gov.au/environment/plants-animals/species-information/wildnet) to find out more about WildNet and where to access other WildNet information products approved for publication. Feedback about WildNet species lists should be emailed to wildlife.online@des.qld.gov.au.

Queensland Fauna Consultancy Pty Ltd 40

Kingdom	Class	Family	Scientific Name	Common Name	- 1	Q	Α	Records
animals animals animals	birds birds mammals	Apodidae Strigidae Phascolarctidae	Hirundapus caudacutus Ninox strenua Phascolarctos cinereus	white-throated needletail powerful owl koala		V V E	V E	3 1 228

CODES

- I Y indicates that the taxon is introduced to Queensland and has naturalised.
- Q Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992*.

 The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).
- A Indicates the Australian conservation status of each taxon under the Environment Protection and Biodiversity Conservation Act 1999.

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

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

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

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

Appendix F

Voluntary Declaration package





Saunders Havill Group Pty Ltd ABN 24 144 972 949 address 9 Thompson St Bowen Hills Q 4006 phone (07) 3251 9444 email mail@saundershavill.com web www.saundershavill.com fax (07) 3251 9455

■ surveying ■ town planning ■ urban design ■ environmental management ■ landscape architecture

Date: 26 September 2019

Site: Residential Development, Grampian Drive, Deebing Heights, Queensland

Client: Frasers Deebing Heights Pty Limited

SHG Ref: 7812

SHG Contact: Andrew Davies (

DEE Ref: 2015/7628

Attention: Director

Environmental Post-approvals

Department of the Environment & Energy

Dear Director,

RE: Confirmation that the Offset is Legally Secured as per Condition 2.b. for EPBC 2015/7628 – Residential Development, Grampian Drive, Deebing Heights, Queensland

The Environmental Management Division of the Saunders Havill Group (SHG) acts on behalf of Frasers Deebing Heights Pty Limited with respect to ecological matters associated with their Residential Development, Grampian Drive, Deebing Heights, Queensland.

At the request of the Proponent, I am writing to advise you as per Conditions 2.b. of approval 2015/7628 under the EPBC Act that the required offset for impacts on the Koala was secured as a Voluntary Declaration under the Vegetation Management Act 1999 (Qld) by Queensland Trust For Nature on 22nd August 2019 (refer Attachment 1).

I note the approval condition states that notification be provided within 20 business days of securing the offset and that this timeframe has unfortunately lapsed by a few days as the notification was belatedly provided to SHG, however, I hope that this late notification is acceptable to the Department. Please note that the action has not yet commenced.

Thank-you for the opportunity to provide this notification and please do not hesitate to contact me directly should you wish to discuss the matter further.

Yours Sincerely

Dr. Andrew Davies

Environmental Management Division

Principal Environmental Scientist & Associate Partner-Saunders Havill Group

Attachment 1

Voluntary Declaration

Declared Area Notice

ss19E - 19L of the Vegetation Management Act 1999



1. Details of request

1.1. **Proponent's name:** Queensland Trust for Nature

1.2. **Date request received:** 20 November 2018

1.3. **Request:** Declare an area of land as an area of high nature conservation value

1.4. **Property description:** part of Lot 138 on CC127 & Lot 89 on RP892014 - Scenic Rim Regional Council

1.5. Land tenure: Estate in fee simple1.6. Decision reference: 2018/006548

2. Declaration information

2.1. **Declaration made**

The Chief Executive of the Department of Natural Resources, Mines and Energy declares the area identified on Declared Area Map 2018/006548 as an area of high nature conservation value in accordance with s19F of the *Vegetation Management Act 1999*.

The chief executive considers the declared area to meet the following criteria under s19G of the *Vegetation Management Act 1999*—

The declared area is an area of high nature conservation value under s19G(1)(b), as the area is a wildlife refugium; and an area containing a vegetation clump or corridor that contributes to the maintenance of biodiversity.

The documents outlined in section 2.2 below form part of this declaration

2.2. Declared area documents

The following documents are part of this declaration, and must be read in conjunction with this notice:

Declared area map, reference no. 2018/006548, dated 19/08/2019

Offset Area Management Plan, EPBC 2015/7628 Frasers Deebing Heights Pty Ltd, dated 23 July 2018

2.3. Property map of Assessable Vegetation

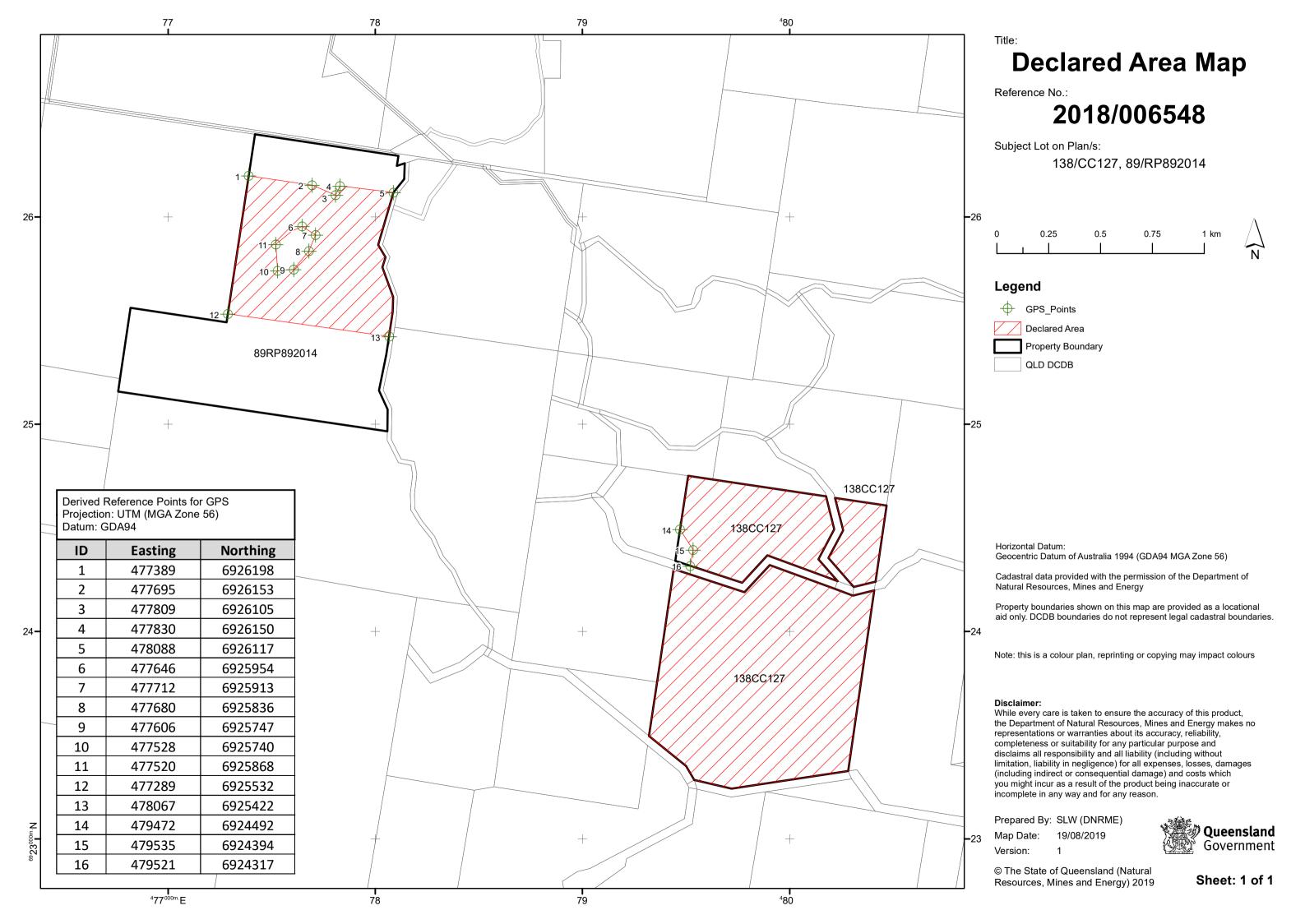
In accordance with s20D(1) of the *Vegetation Management Act 1999*, Property Map of Assessable Vegetation PMAV 2018/006550 has been prepared for the declared area.

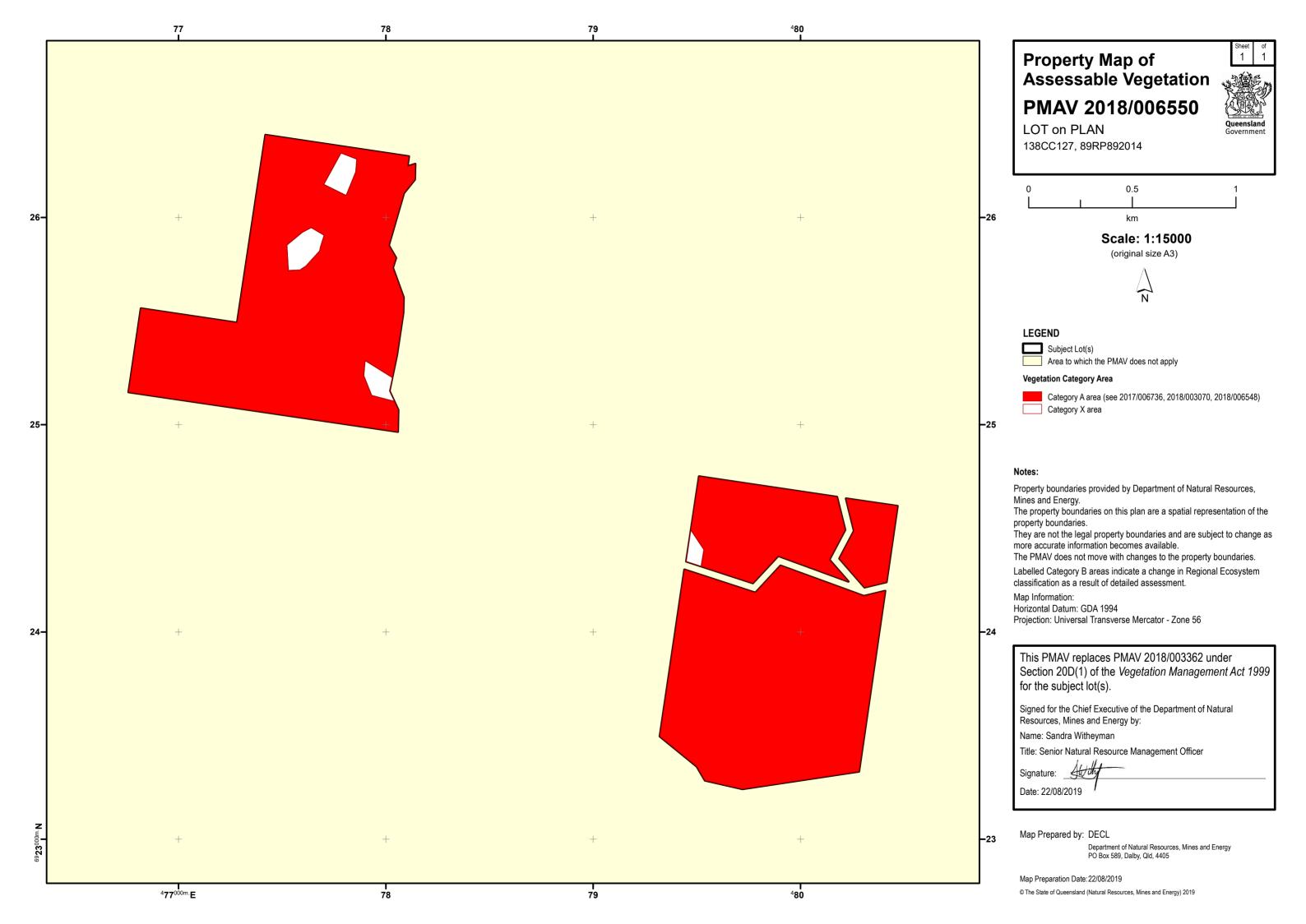
2.4. Date of declaration: 22/08/2019

3. Delegated officer's signature

Sandra Witheyman

Senior Natural Resource Management Officer





PREPARED FOR:

FRASERS DEEBING HEIGHTS PTY LTD

OFFSET AREA MANAGEMENT PLAN EPBC 2015/7628

23rd July 2018





REPORT TITLE	OFFSET AREA MANAGEMENT PLAN
PROJECT	LOT 89/RP892014, LOT 138/CC127, MT FLINDERS RD PEAK CROSSING QLD
CLIENT	FRASERS DEEBING HEIGHTS PTY LTD

The preparation of this report has been in accordance with the project brief provided by the client and has relied upon the information, data and results provided or collected from the sources and under the conditions outlined in the report.

All information within this report is prepared for the exclusive use of Frasers Deebing Heights Pty Ltd to accompany this report for the land described herein and is not to be used for any other purpose or by any other person or entity. No reliance should be placed on the information contained in this report for any purposes apart from those stated therein.

Queensland Trust for Nature accepts no responsibility for any loss, damage suffered or inconveniences arising from, any person or entity using the plans or information in this study for purposes other than those stated above.

PREPARED BY	FELICITY SHAPLAND	REVIEWED BY	NERIDA BRADLEY
POSITION	ENVIRONMENTAL OFFICER	POSITION	GENERAL MANAGER
SIGNED		SIGNED	Maly
DATE	23/7/2018	DATE	23/7/2018



ADMINISTERING AUTHORITY

SIGNED by the Queensland Department of Natural Resources, Mines and Energy to indicate approval of the Offset Management Plan.

Name: Sandra Witheyman Si	gnature: 500 000
Witness name:	. Signature:
Date20/08/2019	

LANDHOLDER

The landowner agrees:

- 1. Any non-compliance with the requirements of this offset area management plan shall constitute a breach of the terms and conditions of the legally binding mechanism entered into.
- 2. To notify the State in writing of an Event, or the likelihood of the occurrence of an Event. Event means any agreement or understanding entered into or accepted by and or circumstance permitted or suffered by the landholder which effects a change of ownership, control or use of the offset area, the exercise of power of sale under any Mortgage, the granting of a Mortgage, the appointment of a receiver, the death of a landholder or any other circumstance which may allow or permit a person, other than the Landholder to own, control or use the offset area. In notifying the State of an Event, the landholder will notify the State of the nature of the change, or potential change of ownership, control or use result from the Event, and the name and address of any person who may own, control or use the offset area as a result of the Event.
- 3. That if, at the time of execution of this offset area management plan, there exists a Property Map of Assessable Vegetation (PMAV) over the offset area or a part of it, the landholder hereby agrees, where the management plan area is identified as Category X on the PMAV, to the replacement of the PMAV by the State to reflect the offset area as Category A.
- 4. To take all necessary steps as may be required to accomplish the obligations contained in this offset management plan.

The landowner acknowledges:

5. That before the State will agree to the release this offset area management plan the State must be satisfied that the objectives and activities contained in the offset area management plan have been achieved.

The landowner notes:

6. All reports, notices or requests for amendment in relation to this offset area management plan must be in writing and delivered to the administering authority.



SIGNED by the Directors of Landscapes Queensland Ltd. as the Trustee for the Queensland Trust for Nature, being the current owner of the abovementioned property to indicate that the terms of this offset management plan including responsibilities under the offset area management plan, have been read, understood and accepted.

Director: Adrian Volders	Signature
Director: Elizabeth O'Brien	Signature: Equett 02
JU 20/08/2019	
Date	



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Glossary of Terms

Acronym	Description
EHP	Department of Environment and Heritage Protection (Queensland)
DoE	Department of the Environment (Commonwealth)
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
LP Act	Land Protection (Pest and Stock Route Management) Act 2002
OAMP	Offset Area Management Plan
QTFN	Queensland Trust for Nature
VM Act	Vegetation Management Act 1999



1 Introduction

1.1 Overview

The purpose of this Offset Area Management Plan (OAMP) is to identify the management objectives, actions and outcomes necessary to fulfil a statutory requirement, pursuant to the *Environment Protection and Biodiversity Conservation Act 1999* (C'th) (EPBC Act), for the provision of an advanced koala (*Phascolarctus cinereus*) habitat offset. This OAMP is focussed on the protection, enhancement and installation of koala habitat values present within the offset site, which occurs within Lot 89 on RP892014 and Lot 138 on CC127 (Appendix A).

This document has been prepared taking into account the following technical guidelines and legislation:

- EPBC Act referral guidelines for the vulnerable koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) (DoE, 2014);
- EPBC Act Environmental offsets policy, 2012;
- Policy statement: Advanced environmental offsets under the Environment Protection and Biodiversity Conservation Act 1999;
- Vegetation Management Act 1999 (legally securing the offset through a Voluntary Declaration under Section 19F);
- Queensland Environmental Offsets Act 2014; and
- Queensland Environmental Offsets Regulation 2014.

1.2 Objectives of the Plan

The objective of this Offset Area Management Plan is to summarise existing habitat quality for the koala (*Phascolarctos cinereus*) present on the "Area A" and "Area B" and to recommend land management actions designed to achieve a net gain in koala habitat quality.

1.3 Plan structure

This plan includes the following sections:

- 1. Section 1: provides an introduction to the plan, including a description of the offset site (Departmental reference details) and the offset proposition summary.
- 2. Section 2: presents the OAMP management objectives, actions, performance indicators, reporting requirements, monitoring, term and responsibility for each management measure required to achieve a net gain in koala habitat quality within the offset area over the specified time frame.
- 3. Section 3: Conclusion.



2 Offset proposition summary

Table 2-1 describes the advanced koala offset area details, including landholder details, property details and legally binding mechanism proposed to secure the offset area.

Table 2-1 Advanced Koala offset area details

Landholder details		
Registered Owner/s on Title: Landscapes Queensland Ltd as the Trustee for Queensland Trust for Nature		
Lessee: N/A		
Business/Company name: Queensland Trust for Nature		
ABN/ACN: ABN 66 583 550 652 CAN 630 495 340		
Phone Number:	Mobile phone:	
Facsimile number: Contact person (if required): Steve Lacy (CEO)		
Email: info@qtfn.org.au		
Postal Address: GPO Box 162, Brisbane, QLD 4001		

Property details	
Property name:	Koala Crossing
Real property description (lot on Plan/s):	Lot 89 on RP892014 Lot 88 on RP892014 Lot 86 on RP892014 Lot 87 on RP892014 Lot 138 on CC127 Lot 135 on CC836 Lot 119 on CH311527 Lot 137 on CH311786
Tenure:	Freehold
Offset area location	Part of Lot 89 on RP892014 Part of Lot 138 on CC127
Primary Local Government Area:	Scenic Rim Regional Council
Planning Scheme Zone:	Rural B and Rural E
Property area (ha):	The total area of all lots is 651.72 ha. The potential offset area/site accounts for 173.53 ha of this total (Appendix A).
Landzone/geology:	The offset area occurs within an area mapped as land zones 8 and 9-10 (Ausecology, 2016).



Property details		
	flood basalts forming exterincludes hills, cones and processed interbedded services overlying duricrust (land zone 9 is described a with little or no deformation siltstones, mudstones, share sandstones are typical room ay occur (EHP, 2012b). Landzone 10 is described rocks, with little or no deformers. Includes siliceous	s Cainozoic igneous rocks, predominantly ensive plains and occasional low scarps. Also plugs on trachytes and rhyolites, and ediments, and talus. Excludes deep soils sone 5). Is fine grained sedimentary rocks, generally son and usually forming undulating landscapes. The aleas, calcareous sediments, and labile sk types although minor interbedded volcanics as medium to coarse grained sedimentary formation, forming plateaus, benches and (quartzose) sandstones, conglomerates and sics, and springs associated with these rocks
Soils:	Landzone 9 – Includes a d to high fertility, predomin (EHP 2012b). Landzone 10 – Soils are pr	Vertosols, Ferrosols, and shallow Dermosols. iverse range of fine textured soils of moderate antly Vertosols, Sodosols, and Chromosols redominantly shallow Rudosols and Tenosols e sandy surfaced Kandosols, Kurosols, (EHP 2012b).
Pre-clearing Regional Ecosystems	12.9-10.2/12.9-10.7/12.9-	-10.17 and 12.8.24/12.8.9
Regional Ecosystems in vegetated parts of the offset area	12.9-10.2 and 12.8.24 (Ausecology, 2016)	
Pre-clearing Regional Ecosystems in offset area to be rehabilitated (planted)	Predominantly RE 12.9-10).2.
Is there a PMAV over all or part of the property?	No	
Proposed Legally Binding Mechanism		
☑ Voluntary Declaration (<i>Vegetation Management Act 1999</i>) Reference Number: To be advised ☐ Covenant (<i>Land Act 1994/ Land Title & 1994</i>) Reference Number:		•
□ Nature Refuge (Nature Conservation Act 1992) Reference Number: Reference Number:		



2.1 Suitability of property as an offset site

The property was determined to be suitable for the implementation of this OAMP to achieve an offset for the Koala (*Phascolarctus cinereus*). Targeted land management actions will be implemented, which are designed to result in a net gain in koala habitat quality. The existing koala habitat values in the offset area will be legally protected from incompatible land uses. The offset will be legally secured through a Voluntary Declaration under Section 19F of the *Vegetation Management Act 1999*. Appendix A shows the proposed koala offset area.

The suitability of the property as an offset for the koala was determined through field surveys, undertaken by Ausecology from 19th-21st January 2016, as well as work undertaken by the Queensland Trust for Nature and associated parties, such as scat surveys, deploying koala detection dogs and radio-collar tracking of koalas in the greater area. The field surveys included tertiary and quaternary vegetation surveys, fauna habitat assessments, a night survey, high-level weed surveys and BioCondition Assessments in accordance with Eyre *et al.* (2015). Further detail in relation to the field surveys is presented in the report *Koala Offset Assessment Report* (Investa 20141) for offset area A, and *Assessment of Advanced Offset Values for the Koala (Phascolarctos cinereus) on the 'Schmitke' Property, Peak Crossing, Queensland* (Ausecology 2016) for offset area B. These reports are contained as Appendix B to the Plan.

Live koalas have been identified on the property as part of the ecological investigations. Koala scats were found during the 2016 field survey, as well as through previous scat surveys undertaken by the University of the Sunshine Coast. A scat detection dog was employed in 2015, which picked up scats widely spread throughout the property. Koala radio-collar tracking has also been undertaken, which showed that koalas use the site. No koala density surveys have been undertaken across the property.

The combined results of the ecological assessments confirm that the site contains high value habitat for koalas, and that it is therefore suitable for the purpose of functioning as a koala offset area.

2.1.1 Description of proposed offset area

The proposed koala (*Phascolarctos cinereus*) offset (EPBC2015/7628) is divided into "Offset area A" and "Offset area B" (Appendix A), which are within 1.5km of each other. The areas consist of the following vegetation communities shown in Table 2-2.

Table 2-2 Vegetation communities

Regional Ecosystem
Remnant
12.8.24
12.9-10.2/12.9-10.7/12.9-10.17
12.8.24/12.8.9
Mature Regrowth
12.9-10.2

Koala food trees are abundant, in particular *Corymbia citriodora*. Other koala food trees that are present include *Eucalyptus tereticornis, Eucalyptus mollucana, Eucalyptus crebra, Eucalyptus microcorys, Eucalyptus acmenioides, Corymbia tesellaris, Eucalyptus tereticornis* and *Eucalyptus major*. In addition, the koala shelter tree *Lophostemon confertus* is present in wetter south-facing slopes and along watercourses.



The offset areas A and B are located near to three existing offset areas on the "Koala Crossing" property (also owned and managed by QTFN) and are connected to the vegetated areas of the Flinders-Goolman Conservation Estate. Furthermore, the property is located in a corridor of State significance, the Flinders-Karawatha corridor, one of the largest contiguous vegetated areas in South East Queensland. This offset, in conjunction with the three koala offsets currently being managed by QTFN on the "Koala Crossing" property, will contribute to the objectives of the Flinders-Karawatha corridor.



2.1.2 Threats to koalas and koala habitat on the property

Various threats to koalas and koala habitat were identified or assumed based on the ecological field study (Ausecology, 2016). The threats to the koalas include:

- Potential risk of future clearing due to site planning zone classification ('Rural B' and 'Rural E') and associated permissible land uses (if approved by Council);
- Presence of feral pest animal such as foxes (Vulpes vulpes), dogs (Canis lupis familiaris) and cats (Felis catus) based on database records;
- Habitat fragmentation due to historic clearing/logging on the property;
- High intensity fires directly and indirectly threatening koala survival;
- Weed incursion currently suppressing recruitment of koala food and shelter trees as well as restricting movement of koalas in some areas of the property;
- Potential for vehicle strike along Flinders Road and internal tracks;
- Vegetation pathogens affecting the health of koala food and shelter trees; and
- Koala diseases.

The OAMP actions described in Section 2 of this report aim to enhance koala habitat quality via the reduction of the threat level from each of the above-mentioned processes. Additional threats cited by the *EPBC Act referral guidelines for the vulnerable koala (combined populations of Queensland, New South Wales and the Australian Capital Territory)* (CoA, 2014) will be addressed.

2.1.3 Koala habitat quality

Koala habitat quality was scored in accordance with the EPBC Act referral guidelines as well as the *Offset Assessment Guide* contained within the EPBC Act environmental offsets policy under the EPBC Act 1999. The scoring takes three components into account that contribute to habitat quality scoring prior to and following the implementation of management plans:

- Site condition;
- Site context; and
- Species stocking rate (or threats to it).

Site condition in the vegetated areas was judged through the use of BioCondition Assessments (Eyre et al., 2015). Site context was judged through the use of GIS analysis. Species stocking rate is currently partly known. The site has been confirmed as habitat for the koala with active use of the site. To determine the role of the site in relation to providing habitat values for the koala, a judgement was made as per the habitat quality scoring index in the *Guide to determining terrestrial habitat quality* (DEHP, 2014), which includes:

- Threats to species;
- Quality and availability of food and foraging habitat;
- Quality and availability of shelter;
- Species mobility capacity; and
- Role of site location to species overall population in the state.



Using the Koala habitat assessment scoring – EPBC Referral Guidelines (Commonwealth of Australia, 2014) **a score of 4** was calculated for the currently cleared areas and **a score of 7** for the vegetated areas. Additional management action will allow for further improvement of the habitat quality score for the vegetated areas.

Further detail is described in the report Assessment of Advanced Offset Values for the Koala (*Phascolarctos cinereus*) on the 'Schmitke' Property, Peak Crossing, Queensland (2016).

3 Management actions

The management strategy for the koala offset is threefold. The common objective is to achieve a net gain in koala habitat quality. The three high-level strategies include:

- Protect the existing remnant and mature regrowth koala habitat from incompatible land management practices such as vegetation clearing, logging and grazing;
- Enhance the existing vegetation though active management of key threatening processes such as fire, weeds and feral pests; and
- Revegetate the cleared areas to eventually achieve a self-sustaining forest representative of preclearing Regional Ecosystems including the presence of koala food and shelter trees.

The proposed management actions cover the key threats to the recovery of the koala as described in the EPBC Act referral guidelines for the vulnerable koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) (CoA, 2014). The objective of achieving net gain in koala habitat is described by the EPBC Act Environmental Offsets Policy (CoA, 2012) and verified through use of the Offsets Assessment Guide (CoA, 2012). The intent of the management actions is to reduce the threats to koala recovery.

For consistency purposes, the following subsections are based on a previously submitted Offset Area Management Plan Lots 87 and 88 on RP892014 Mt Flinders Rd, Peak Crossing Qld (NewGround, 2014). These subsections are related to the koala habitat attributes (based on the coastal habitat context) as per the koala habitat assessment tool (DoE, 2014) as well as the threats presented in the Referral Guidelines (DoE, 2014). For each koala habitat attribute (as per koala habitat assessment tool) and the threats to recovery, the following factors have been described:

- Attribute
- Outcome
- Actions
- Performance Indicators
- Monitoring
- Reporting
- Corrective Action
- Anticipated Term
- Responsibility.

The management actions, which should result in a net gain of the overall koala habitat quality on the property, and are anticipated to take ten (10) years of active management, maintenance, monitoring and reporting, if best practice implementation is followed. It is anticipated that after this 10-year active management period, QTFN will secure the property as a Nature Refuge under the provisions of the *Nature Conservation Act 1992*, with ongoing management actions based on this OAMP.



For the purposes of this plan, the offset area has been divided into two main management units:

- Cleared areas that will be revegetated or be allowed to naturally regenerate. This area is 21.28 ha and is shown as OMU-01 in Appendix 3
- Vegetated areas that fall under the LGA planning scheme as Rural B and Rural E. This area is 152.25ha and is shown as OMU-02 in appendix 3

The koala habitat attributes to be covered in the next Sections include:

- Koala occurrence
- Vegetation composition
- Habitat connectivity
- Attack by feral animals
- Vehicle strike
- Barriers to dispersal
- Fire (in particular high intensity fire)
- Introduction of spread of disease or pathogens
- Recovery value

3.1 Koala occurrence

Koala occurrence refers to whether evidence is present that koalas have used the site over a particular time period and/or within a particular distance from the site. Based on radio collar and scat evidence of at least one koala that has used the site within the last 2 years, koala occurrence achieved the highest score of +2 for the vegetated areas. However for the cleared areas, it is anticipated that koalas could traverse these, but these won't be used for feeding and shelter. Therefore, the cleared areas have been scored "0" (low).

The objective in relation to koala occurrence si to maintain the koala occurrence score over the long-term for the currently vegetated ares, and to increase the koala occurrence score for the currently cleared areas through active revegetation and regrowth management.



Table 3-1 describes factors relating to the koala occurrence attribute on the offset area.

Table 3-1 Koala occurrence

Attribute	Koala occurrence
Outcome	 A net gain in koala population density on the property. Koala occurrence on the currently cleared areas.
Actions	 Conduct a baseline koala density survey within the offset area within 6 months of the offset area being legally secured using best practice methodologies, such as the Spot Assessment Technique and line transect surveys (Phillips and Callaghan, 2011). Repeat the koala density/occurrence surveys undertaken within the offset area at years 5 and 10 from the date at which the offset is legally secured. Surveys to be undertaken by a suitably qualified ecologist with extensive experience with koala surveys. Legally secure the offset area.
Performance Indicators	 Baseline koala density/occurrence survey undertaken and documented. Koala density/occurrence surveys (years 5 and 10) records an increase in koala density/activity within the offset area. Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999
Monitoring	Record opportunistic koala sightings inclusive of scat findings (location and date).



Attribute	Koala occurrence	
Reporting	 Incorporate the koala density survey results within the relevant Annual Offset Area Assessment Report (only for years 0, 5 and 10). 	
	Incorporate opportunistic koala sightings into the Annual Offset Area Assessment Report.	
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.	
	 Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to <u>PostApproval@environment.gov.au</u> 	
Corrective action	If koala densities are not maintained or are significantly reduced, then an assessment needs to be undertaken by a koala expert in relation to the potential cause/s and remediation actions undertaken where feasible through the implementation of adaptive management.	
Anticipated term	Duration of the active management period (10 years).	
Responsibility	Landowner (QTFN)	



3.2 Vegetation Composition

The attribute vegetation composition (Table 3-2) refers to the presence of vegetation (forest or woodland) with a specific number of known koala food tree species. The currently cleared areas on the property currently achieve a score of "0" (low), while the vegetated areas contain forest and/or woodland with two or more known koala food tree species, hence resulting in the highest score of +2 (high).

Table 3-2 Vegetation Composition

Attribute	Vegetation composition
	 Vegetation composition reaches a 'high' score value in relation to currently existing native vegetation.
	 Establish self-sustaining vegetation resembling the pre-clearance Regional Ecosystem/s present on the site in the currently cleared areas (24.31 ha) (excluding potential future infrastructure footprints and gazetted roads).
	Reduction of weed cover that impacts on koala movement across the site and could adversely affect the structural composition of the koala habitat (number of koala food and shelter species and their recruitment).
	Retain and enhance where possible the structure and floristic diversity of canopy vegetation surrounding cleard areas.
Outcome	Retain and enhance where possible the structure and floristic diversity of middle and understorey vegetation surrounding cleared areas.
	 Ongoing preservation and recruitment of koala food and shelter trees.
	Permanently remove existing threat of habitat degradation associated with clearing, development or other incompatible land uses.
	Domestic livestock excluded from offset area (unless controlled grazing required for fire risk management).
Actions	Develop property Bushfire Management Plan within 6 months of the offset area being legally secured.
	Install fire breaks/trails in accordance with the Offset Area Bushfire Management Plan.
	Retain all vegetation in remnant and mature regrowth areas except where necessary for the removal of weeds, to establish and maintain fencing around the offset area perimeter, establish and maintain fire breaks/trails as per Offset Area Bushfire Management Plan, to be developed, or to reduce or remove health and safety risk to persons and/or infrastructure.
	Undertake baseline TertiaryVegetation Condition Assessments, including photo point monitoring.



Attribute	Vegetation composition
	Implement a revegetation program in the cleared areas using best practice techniques with tree and shrub species representative of the pre-clearance Regional Ecosystem including koala food and shelter trees (see Appendix B for proposed species list).
	 Conduct baseline weed density survey within six months of the offset area being legally secured.
	Implement a property wide weed management plan, with a particular focus on weeds declared under the Land Protection (Pest and Stock Route Management) Act 2002, as well as weeds with potential to impact on koala movement and structural vegetation composition (mainly Lantana camara).
	Legally secure the offset area.
	Domestic livestock will be only be introduced in the event that a fire risk professional (e.g. representative of Queensland Rural Fire Service) and a suitably qualified environmental scientist deem that conditions are not suitable for an ecological burn and that grazing is appropriate to manage a high level of fire risk. Level of risk (and any need to repeat this grazing cycle) is to be re-assessed by the aforementioned professionals following the grazing event.
	 A self-sustaining ecosystem is established on the currently cleared areas resembling pre-clearance Regional Ecosystems with koala food and shelter species present. During the establishment phase a minimum plant survival rate of 90% is required.
	Average canopy tree height in revegetated areas exceeds one metre at end of year one, two metres at end of year two and four metres at end of year four.
	 Average cover of all planted species (foliar projective cover of canopy and subcanopy) in revegetated area exceeds 50% of site at end of year three and 75% at end of year five.
Performance Indicators	 Livestock are excluded from offset area.
	 Declared weed cover is reduced across the property, and weeds are not impacting on the movement of koalas across the site and not negatively impacting on recruitment of koala food and shelter trees.
	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.
Monitoring	 Undertake Tertiary Vegetation Condition Assessments at year 5 and 10.



Attribute	Vegetation composition
	Undertake annual weed survey (during spring or summer to optimise weed detection).
	Undertake revegetation area tree growth (height and cover) monitoring at 12 months, 24 months and 48 months post
	planting.
	Conduct photo monitoring on an annual basis.
	If livestock are kept on the balance of the property, the offset area fencing to be monitored on a monthly basis.
	Monitoring results to be recorded in annual Offset Area Assessment Report.
Reporting	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
reporting	 Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to <u>PostApproval@environment.gov.au</u>
	If tree height and foliar projective cover monitoring indicate tree growth less than performance indicators, implement additional weed control, fertiliser, amelioration or other management actions necessary to stimulate tree growth.
	If annual weed survey indicates weed cover is not reduced since previous survey, weed control program to be expanded/adapted to improve outcomes.
Corrective action	If livestock-proof fencing is breached:
	 Within 7 days: Livestock will be removed from offset area and temporary fencing measures put in place to ensure livestock are excluded and permanent fence repairs can be completed; and
	- Within 28 days: Repairs to fencing undertaken to achieve a koala-friendly livestock-proof standard.
Anticipated term	Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)



Habitat Connectivity

Habitat connectivity refers to the offset area in a landscape context and whether the offset area is part of a contiguous landscape of a certain hectare size without barriers for koala movement. The offset property is located within a well vegetated area \geq 500 ha and therefore achieves the maximum possible score of +2.

Table 3-3 Habitat connectivity

Attribute	Habitat connectivity
Outcome	 Maintain contiguous landscapes to allow koalas to establish new territories, facilitate gene flow and respond to environmental changes. Achieve good connectivity with the neighbouring offset property also owned by QTFN. Contribute to koala movement and dispersal through the Flinders Karawatha corridor.
Actions	 Retain all vegetation in remnant and mature regrowth areas except where necessary for the removal of weeds, to establish and maintain fencing around the offset area perimeter, establish and maintain fire breaks/trails as per Offset Area Bushfire Management Plan, or to reduce or remove health and safety risk to person and/or infrastructure. Implement a revegetation program in the cleared areas using best practice techniques using tree and shrub species representative of the pre-clearance Regional Ecosystem including koala food and shelter trees (see Appendix B for proposed species list). Legally secure the offset area. No livestock will be allowed on the offset area.
Performance Indicators	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.
Monitoring	Monitor for any (illegal) clearing in the area (highly unlikely) or any natural events that might impact on habitat connectivity.



Attribute	Habitat connectivity
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
Reporting	 Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to <u>PostApproval@environment.gov.au</u>
Corrective action	Report any suspected illegal clearing to the Queensland Department of Environment and Heritage Protection.
Anticipated term	 Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)

3.3 Key Existing Threats

Various threatening processes have been identified or are anticipated to be impacting on the recovery of the koala species and/or have the potential to result in an actual decline of the current population. The EPBC Act Referral Guidelines (DoE, 2014) mention the following primary threats for the coastal koala population:

- Loss, fragmentation and degradation of habitat, including barriers to dispersal.
- Mortality due to vehicle strikes, dog (Canis familiaris) attacks and disease.
- High-intensity fire.

Based on ecological investigations and knowledge of the local area, the following additional threat has been identified:

Mortality due to feral cat (Felis catus) and/or fox (Vulpes vulpes) attacks.

Mortality due to feral pest animals, including wild dogs, feral cats and fox attacks is discussed in Section 3.4.1.

Table 3-4 to Table 3-8 detail each of the identified threats, the outcome required to achieve the overall offset objective, and management actions, monitoring and reporting required to significantly reduce the impact of each individual threat.

3.3.1 Attack by feral animals

Table 3-4 Threat to koala from feral animal attack

Attribute	Attack by (feral) animals
Outcome	Reduced risk of koala mortality or injury by feral animal attack within the offset area through reduction in the abundance of feral animals.



Actions	Conduct a baseline survey to establish feral animal abundance and location on the property. This can be undertaken through the use of remote motion-activated cameras and/or identification of scats.
	Implement a property-wide feral animal control program. The control program and techniques (trapping, baiting, shooting) will be informed based on the results of the abundance surveys. Where practical, and to increase the effectiveness of a control program, the landholder will seek to coordinate control programs with comparable activities being undertaken by neighbouring landholders.
	 Conduct follow-up monitoring and implement further control efforts if feral animals recur on the property. Implement adaptive management techniques if initial control techniques are not working effectively.
	Install appropriate hazard signage informing that the offset area is under feral control.
	Council is to be engaged to work towards the objectives of the offset property, specifically in regard to prohibiting dog and cat ownership on the property.
	Set-up a community engagement program including but not limited to interpretive signs, fact sheets and community presentations with the aim to raise community awareness and encourage responsible pet ownership.
	Successful reduction of feral animal abundance.
	No dog threat present.
Performance Indicators	A significant reduction in feral cat and fox populations (if shown to be originally present).
	No records of injury and/or death to koala relating to feral animal attacks recorded from within the offset area.
	 Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999
	 Monitoring of the presence of feral pest animals through the use of remote motion-activated cameras;
	Survey the site every six months to record the presence/absence of signs of feral animals (sightings, killings and/or scats and tracks).
Monitoring	Establishment and maintenance of register documenting injured/killed koalas and any observed koala/feral animal interactions interactions.
	Annual report to include all feral animal survey data.
Reporting	Annual report to include all records of koala injury or death related to feral animal attacks.
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.



	 Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to <u>PostApproval@environment.gov.au</u>
	Should the initial and ongoing wild dog control measures not result in a reduction of wild dog numbers (compared to baseline survey), feral control program to be expanded/adapted to improve outcomes.
Corrective action	Any incidence of koala injury/mortality resulting from feral animal attack will initiate supplementary monitoring and control measures.
	In the event that a koala is found injured, transport immediately to a local vet, or suitably qualified and experienced wildlife carer.
Anticipated term	 Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)

3.3.2 Vehicle Strike

Table 3-5 Koala injury or mortality due to vehicle strike

Attribute	Koala injury or mortality due to vehicle strike
Outcome	Reduced risk of koala mortality or injury due to vehicle strike within the offset area and the roads leading up to the offset area.
Actions	• Installation of koala awareness signage on Mount Flinders Road to inform traffic in both directions of presence of koalas in the area* within 6 months of offset area being legally secured.
	Implementation of a slow speed requirement (40km/h) for vehicles traversing the offset area.
	Installation of slow speed signage at the main entry points to the offset area.
	*Note: Action is subject to approval from Scenic Rim Regional Council.
Performance Indicators	No koala mortalities from vehicle strike within the offset area.
	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.
Monitoring	Record any observed koala injury/mortality on roads/tracks within the offset area or Flinders Road.
Reporting	 Report any koala injuries/deaths to Local Government authority (e.g. Scenic Rim Regional Council) and relevant State Government department (e.g. currently the Department of Environment and Heritage Protection)



	Incidents to be recorded in annual Offset Area Assessment Report.
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
	 Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to <u>PostApproval@environment.gov.au</u>
Corrective action	In the event that a koala is found injured, transport immediately to a local vet, or suitably qualified and experienced wildlife carer.
Anticipated term	Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)

3.3.3 Barriers to Dispersal

Table 3-6 Barriers to dispersal

Attribute	Barriers to Dispersal
Outcome	 Maintain and improve contiguous landscapes to allow koalas to establish new territories, facilitate gene flow and respond to environmental changes.
	 Contribute to koala movement and dispersal through the Flinders Karawatha through the establishment of a protected habitat corridor.
	 Establish self-sustaining vegetation resembling the pre-clearance Regional Ecosystem/s present on the site in the currently cleared areas (excluding potential future infrastructure footprints and gazetted roads).
	 Reduction of weed cover that impacts on koala movement across the site and could adversely affect the structural composition of the koala habitat.
	Retain and enhance where possible the structure and floristic diversity of canopy vegetation in vegetation surrounding offset area.
	Retain and enhance the structure and floristic diversity of middle and understorey vegetation in vegetation surrounding offset area.
	 Ongoing preservation and recruitment of koala food and shelter trees.
Actions	Retain all vegetation in remnant and mature regrowth areas except where necessary for the removal of weeds, to establish and maintain fencing around the offset area perimeter and/or property boundary, establish and maintain fire breaks/trails as per Offset Area Bushfire Management Plan, or to reduce or remove health and safety risk to person and/or infrastructure.



	Implement a revegetation program in the cleared areas using best practice land management techniques using tree and shrub
	species representative of the pre-clearance Regional Ecosystem including koala food and shelter trees (see Appendix B for proposed species list).
	Conduct baseline weed density survey within six months of the offset area being legally secured.
	Implement a property wide weed management plan, with a particular focus on weeds declared under the Land Protection (Pest and Stock Route Management) Act 2002, as well as weeds with potential to impact on koala movement and structural vegetation composition (mainly Lantana camara).
	 Legally secure the offset area.
	Domestic livestock will be only be introduced in the event that a fire risk professional (e.g. representative of Queensland Rural Fire Service) and a suitably qualified environmental scientist deem that conditions are not suitable for an ecological burn and that grazing is appropriate to manage a high level of fire risk. Level of risk (and any need to repeat this grazing cycle) is to be re-assessed by the aforementioned professionals following the grazing event.
Performance Indicators	 A self-sustaining ecosystem is established on the currently cleared areas resembling pre-clearance Regional Ecosystems with koala food and shelter species present. During the establishment phase a minimum plant survival rate of 85% is required.
	Average canopy tree height in cleared areas exceeds one metre at end of year one, two metres at end of year two and four metres at end of year four.
	 Average canopy tree cover (foliar projective cover) in cleared areas exceeds 50% of site at end of year three and 75% at end of year five.
	 Declared weed cover is reduced across the property, and weeds are not impacting on the movement of koalas across the site and not negatively impacting on recruitment of koala food and shelter trees.
	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999
	 Undertake Tertiary Vegetation Condition Assessments at year 5 and 10.
Monitoring	Undertake annual weed survey (during spring or summer to optimise weed detection).
	Undertake revegetation planting survival counts at three months and 12 months post planting.



 Undertake revegetation area tree growth (height and cover) monitoring at 12 months, 24 months and 48 months post plan Conduct photo monitoring on an annual basis. If livestock are kept on the balance of the property, offset area fencing to be monitored on a monthly basis. Monitoring results to be recorded in annual Offset Area Assessment Report. Submit all annual Offset Area Assessment Reports to DoE on an annual basis. 	nting.
 If livestock are kept on the balance of the property, offset area fencing to be monitored on a monthly basis. Monitoring results to be recorded in annual Offset Area Assessment Report. Submit all annual Offset Area Assessment Reports to DoE on an annual basis. 	
 Monitoring results to be recorded in annual Offset Area Assessment Report. Submit all annual Offset Area Assessment Reports to DoE on an annual basis. 	
 Submit all annual Offset Area Assessment Reports to DoE on an annual basis. 	
Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au	
If survival counts indicate less than 85% survival, replanting and/or in-fill planting to be carried out.	
If tree height and foliar projective cover monitoring indicate tree growth less than performance indicators, implement add weed control, fertiliser, amelioration or other management actions necessary to stimulate tree growth.	itional
If annual weed survey indicates weed cover is not reduced since previous survey, weed control program to be expanded/a improve outcomes.	dapted to
If livestock are kept on the balance of the property and livestock-proof fencing is breached:	
 Within 7 days: Livestock will be removed from offset area and temporary fencing measures put in place to ensure live excluded until permanent fence repairs can be completed 	stock are
- Within 28 days: Repairs to fencing undertaken to achieve koala-friendly livestock-proof standard	
Anticipated term Duration of the active management period (10 years).	
Responsibility Landowner (QTFN)	

3.3.4 Fire (in particular high intensity fire)

Table 3-7 Fire

Attribute	High intensity fire
Outcome	Minimise the risk of high-intensity fire within the offset area.

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	Minimise the risk of koala mortality within the offset area due to prescribed burning.
	Develop an Offset Area Bushfire Management Plan within six (6) months of the offset being legally secured, for the purpose of protecting the offset area from high intensity wildfires as well as for conducting ecological burns with the aim to enhance biodiversity in line with the Regional Ecosystem Description Database fire management guideline. The Bushfire Management Plan will be prepared by a suitably qualified professional and will detail: current vegetation condition and fire risk, locations of current and required firebreaks and fire control lines, current fuel loads, recommended actions and timeframes for maintenance of bushfire risk within the context of the adapted Regional Ecosystem Description Database guidelines and biodiversity outcomes sought for the offset area.
	Install firebreaks and fire trails (access tracks).
Actions	Prescribed burning will be undertaken in consultation with, and under the guidance of the Queensland Rural Fire Brigade and in compliance with the Fire and Emergency Services Act 1990.
	Inspect firebreaks and access tracks, undertake any maintenance required to achieve compliance with Offset Area Bushfire Management Plan.
	Domestic livestock will be only be introduced in the event that a fire risk professional (e.g. representative of Queensland Rural Fire Service) and a suitably qualified environmental scientist deem that conditions are not suitable for an ecological burn and that grazing is appropriate to manage a high level of fire risk. Level of risk (and any need to repeat this grazing cycle) is to be re-assessed by the aforementioned professionals following the grazing event.
	 Fuel levels and burning regime maintained in accordance with Offset Area Bushfire Management Plan.
Performance Indicators	Vegetation composition not negatively affected by fire regime.
	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999
Monitoring	■ To be informed by the Offset Area Bushfire Management Plan
Reporting	 Offset Area Bushfire Management Plan will be prepared within 6 months of the offset area being legally secured. Report on prescribed burn results (area covered, any potential negative impact, intensity of burn, learnings) Report any high intensity (wildfire) to the relevant authorities and report on any impact on the offset area. Monitoring results and maintenance log will be detailed within the annual Offset Area Assessment Report.



	 Submit all annual Offset Area Assessment Reports to DoE on an annual basis. Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au
Corrective action	 If a wildfire occurs in the area, the following actions will be taken by the landowner: Activate Offset Area Bushfire Management Plan Emergency Response Stay informed through the Rural Fire Service. Be prepared to engage in fire control. Repair any fire breaks and access tracks
Anticipated term	 Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)

3.3.5 Introduction or spread of disease or pathogens

Table 3-8 Introduction or spread of disease or pathogens

Attribute	Introduction or spread or disease or pathogens
Outcome	 Reduce risk of the spread of koala and vegetation diseases and/or pathogens within the offset area and adjacent areas of koala habitat. Third party contractors do not enter site-carrying pathogens.
Actions	 Baseline offset area condition survey is to include assessment for signs of <i>Phytophthora cinnamomi</i> and Myrtle Rust and is to be undertaken within 6 months of legal securing of offset area. To reduce the risk of introducing Chlamydia and Koala retrovirus into the resident population; uncontrolled translocation of koala is not permitted within the offset area. In the event that regulator-approved translocation of koala is proposed onto the site, the animal(s) is to be assessed by a veterinarian prior to introduction. Vegetation management activities, which include tree lopping/felling, weed removal, tree planting (including nursery suppliers) are deemed to be high risk in the context of introducing pathogens that may potentially impact koala habitat. As such, any person



	engaged to undertake these activities must satisfy the landholder that they have undertaken all reasonable steps to prevent the introduction of a pathogen/disease to the site (e.g. vehicle and equipment wash-down prior to site entry).
	Enforce biosecurity procedures for all persons and vehicles that may carry vegetation pathogens known to affect koala food and shelter trees.
	Monitor the neighbouring habitat in order to identify disease occurrence.
	Implement measures such as myrtle rust control in revegetation stock. Certification of nursery, inspection of planting stock, quarantine/destruction of contaminated material, sterilisation of planting equipment and vehicles/wheel washes.
	• Incidence of koala feed trees exhibiting disease does not increase within the offset areas, based on comparison to baseline vegetation health assessment.
Performance Indicators	Regulator approved translocations of koala are assessed by a veterinarian as being free from disease.
	• Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.
Monitoring	Incidence of koalas exhibiting disease to be recorded during any monitoring events within the offset area.
	Monitor the neighbouring habitat in order to identify disease occurrence at least once per annum.
	Baseline data concerning observations around koala and koala habitat diseases and pathogens is to be documented within initial annual Offset Area Assessment Report.
	Confirmation of koala translocation activity within the offset area (if approved) is to be included within annual Offset Area Assessment Reports.
Reporting	Incidence of koalas exhibiting symptoms of disease to be reported within annual Offset Area Assessment Report.
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
	 Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to <u>PostApproval@environment.gov.au</u>
Corrective action	Should there be an increase in trees exhibiting disease symptoms and/or evidence of vegetation dieback (as noted during annual offset area assessments) the following corrective actions will take place
	Review of the efficacy of current biosecurity measures;

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	Review of plant stock/management services suppliers (if applicable) should it be suspected plant pathogens have been introduced via external sources.
Anticipated term	Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)



3.4 Recovery Value

The 'recovery value' attribute detailed in the Koala habitat assessment tool of the EPBC Act Referral Guidelines (DoE, 2014) is based on the following interim recovery objective: "Protect and conserve large, connected areas of koala habitat, particularly large, connected areas that support koalas that are:

- genetically diverse/distinct; or
- free of disease or have a very low incidence of disease; or
- breeding (i.e. presence of back young or juveniles)." (DoE, 2014).

The offset area falls within the Flinders Karawatha Corridor, a partnership between the Queensland Government, local governments and the community to protect, enhance and restore one of the largest continuous stretches of bushland in South East Queensland (SEQ). This corridor covers the area from Karawatha Forest in Brisbane's southern suburbs to Flinders Peak, on to the south side of Ipswich and down to the Wyaralong Dam near Boonah, totalling 56,350 hectares in size and is about 60km long. It is regarded as one of SEQ's most important regional biodiversity corridors. It provides habitat and movement opportunities for a range of species that have state, regional and local significance, including the koala (*Phascolarctos cinereus*). A five-year management plan, the Flinders Karawatha Corridor Management Strategy, has been developed that identifies actions with the aim to maintain and enhance the environmental, recreational and cultural heritage values.

The objective of the koala offset for matter EPBC 2015/7628, for which this OAMP describes management actions, is in line with the objectives of the above-mentioned strategy. Securing the property as an area of High Conservation Value under section 19F of the *Vegetation Management Act 1999*, in conjunction with the proposed management actions, will contribute to achieving the biodiversity objective of "To preserve and enhance remnant, significant and riparian vegetation in viable corridors to enhance biodiversity, and facilitate wildlife movement and gene flow" (DEHP, 2014) as described in the strategic plan.



Table 3-9 Recovery value

Attribute	Recovery Value
	• Maintain contiguous landscapes to allow koalas to establish new territories, facilitate gene flow and respond to environmental changes.
	Permanently remove existing threat of habitat degradation associated with clearing, development or other incompatible land uses.
	Contribute to koala movement and dispersal through the Flinders Karawatha through the addition of koala habitat to the landscape scale corridor.
Outcome	Protect and conserve large, connected areas of koala habitat, particularly large, connected areas that support koalas that are:
	- genetically diverse/distinct; or
	- free of disease or have a very low incidence of disease; or
	- breeding (i.e. presence of back young or juveniles).
	Offset objective and outcomes aligned with the Flinders Karawatha Corridor Management Strategy.
	To remove the risk of habitat degradation associated with clearing, development or other incompatible land uses, the entire offset area will be managed for conservation purposes.
	Retain all vegetation in remnant and mature regrowth areas except where necessary for the removal of weeds, to establish and maintain fencing around the offset area perimeter, establish and maintain fire breaks/trails as per Offset Area Bushfire Management Plan, or to reduce or remove health and safety risk to person and/or infrastructure.
Actions	Implement a revegetation program in the cleared areas using best practice land management techniques using tree and shrub species representative of the pre-clearance Regional Ecosystem including koala food and shelter trees (see Appendix B for proposed species list).
	Implement a property wide weed management plan, with a particular focus on weeds declared under the Land Protection (Pest and Stock Route Management) Act 2002, as well as weeds with potential to impact on koala movement and structural vegetation composition (mainly Lantana camara).
	Check property for bell minor associated die-back based on significant presence of lantana and some dieback.
	Legally secure the offset area.

OFFSET AREA MANAGEMENT PLAN





	Install fire breaks/trails in accordance with the Offset Area Bushfire Management Plan, which is to be developed within 6 months of the offset area being legally secured.
Performance Indicators	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.
Monitoring	Monitor all management actions as per previous sections.
Reporting	 Submit all annual Offset Area Assessment Reports to DoE on an annual basis. Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au
Corrective action	Not Applicable
Anticipated term	 Duration of the active management period (10 years).
Responsibility	Landowner (QTFN)

4 Conclusion

This Offset Area Management Plan (OAMP) has been developed with the objective to summarise existing habitat quality for the koala (*Phascolarctos cinereus*) present on the EPBC 2015/7628 offset area and to recommend land management actions designed to achieve a net gain in koala habitat quality.

The cleared areas offers an opportunity to achieve the most significant increase in koala habitat quality since currently there are no koala food and shelter trees present. Revegetating this area with the appropriate koala food and shelter trees will provide for future koala habitat and an increase in connectivity and context. Weed control, fire management and feral animal management across the property also represent significant progams of work to be undertaken under the OAMP. These combined actions will result in improvements to the quality of the koala habitat compared to baseline levels, as well as a significant reduction in risk to the resident koala population in the long term.

Implementation of management actions specified in this OAMP should result in a significant discernible increase in the quality of koala habitat. The OAMP has been written in a way that it allows for adaptive management when monitoring indicates that the target outcomes are not in line with expectations. The management term proposed in the OAMP is ten (10) years. However, the aim is to secure the property as a Nature Refuge under the provisions of the *Nature Conservation Act 1992*, with ongoing management actions based on this OAMP to be carried out on an ongoing basis.

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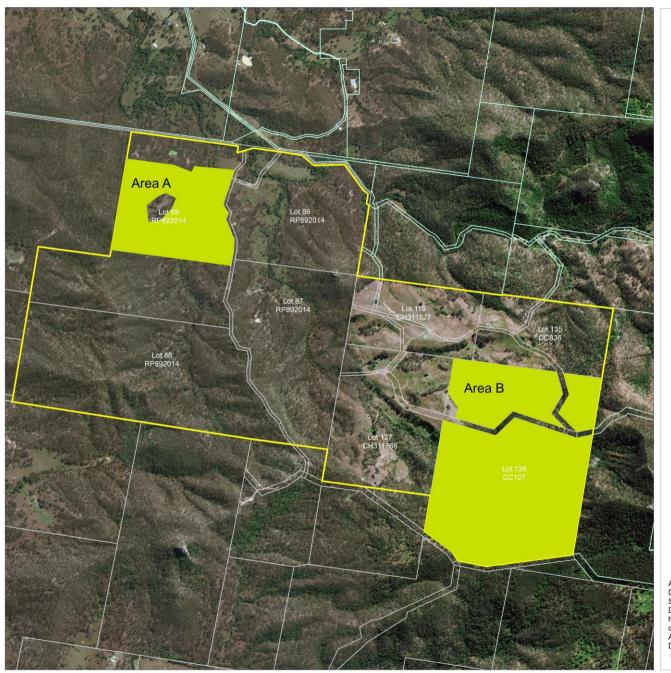
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OFFSET AREA MANAGEMENT PLAN EPBC 2015/7628 Frasers Deebing Heights Pty Ltd
Appendix A – Property location mapping





EPBC 2015/7628 Offset Area

0 0.25 0.5 1 Kilometers

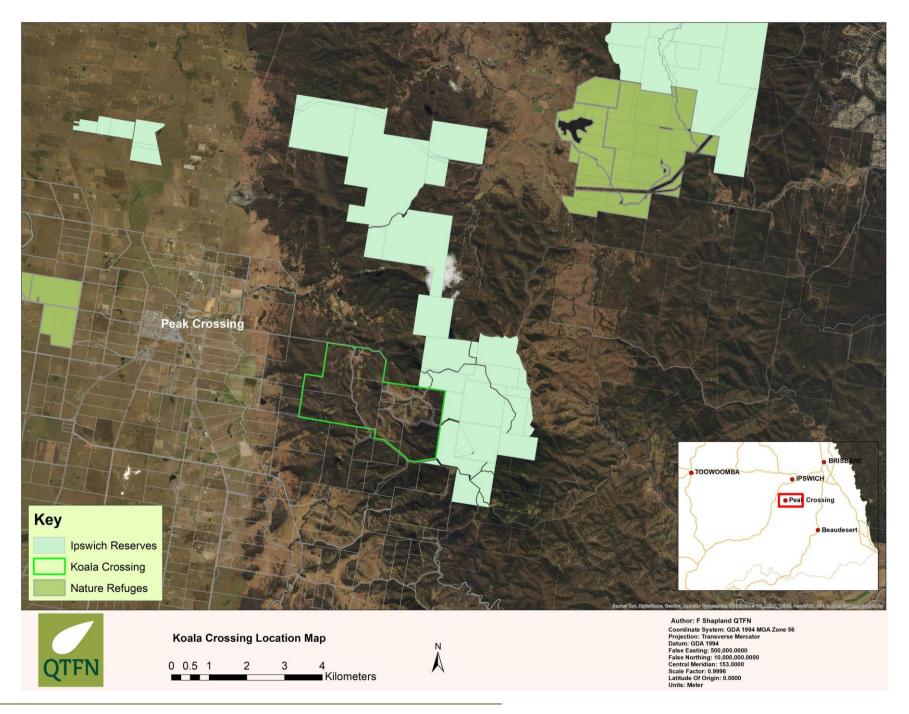


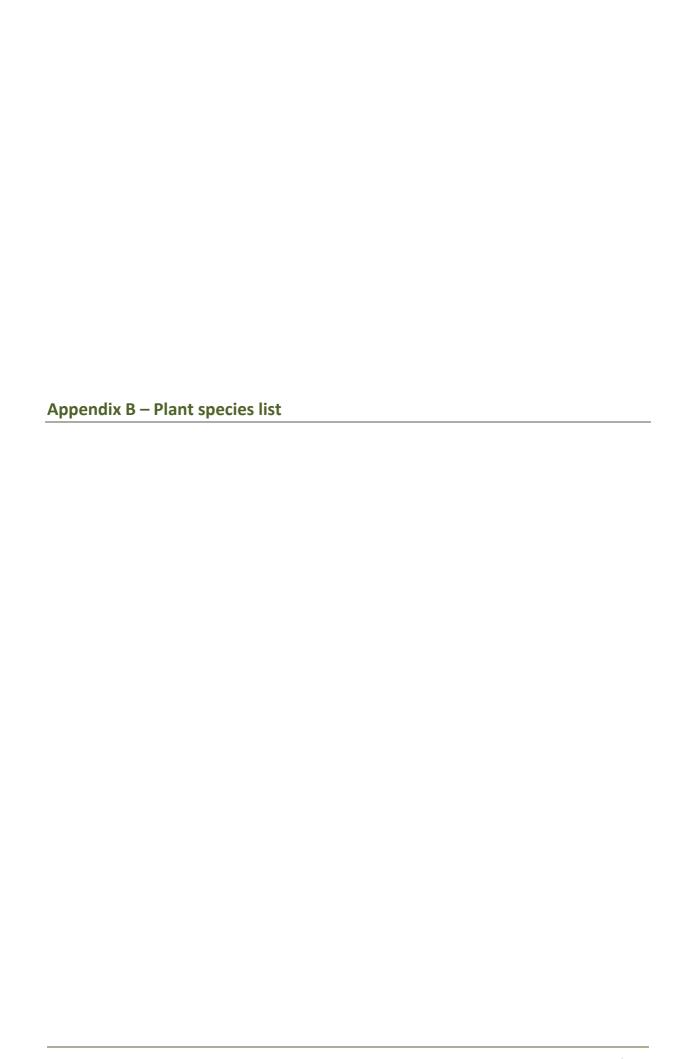
Legend

EPBC 2015/7628 (173.53 ha)

Koala Crossing Boundary

Author:T.Pritchard, QTFN
Date: July 2018
Source: Cadastral Boundaries,
Data supplied by QSpatial
http://qldspatial.information.qld.gov.au/
catalogue/custom/index.page
ACCURACY STATEMENT
Due to varying sources of data, spatial locations
may not coincide when overlaid





Canopy Species (>30m)

Corymbia citriodora subsp. variegata

Eucalyptus crebra

Eucalyptus tereticornis

E. moluccana

E. acmenoides

E. siderophloia

Corymbia tessellaris

Corymbia intermedia

E. melanophloia

E. major

Midstorey Species (10-30m)

Lophostemon confertus

Lophostemon suaveolens

Brachychiton populeneous

Angophora leiocarpa

Angophora subvelutina

Allocasuarina cunninghamiana

Allocasuarina torulosa

Allocasuarina littoralis

Allocasuarina luehmanii

Melaleuca bracteata

Erythrina vespertilio

Understorey Species (<10m)

Exocarpos cupressiformis

Alphitonia excelsa

Acacia irrorata

Acacia concurrens

Acacia disparima

Acacia salicina

Acacia melanoxylon

Acacia leiocalyx

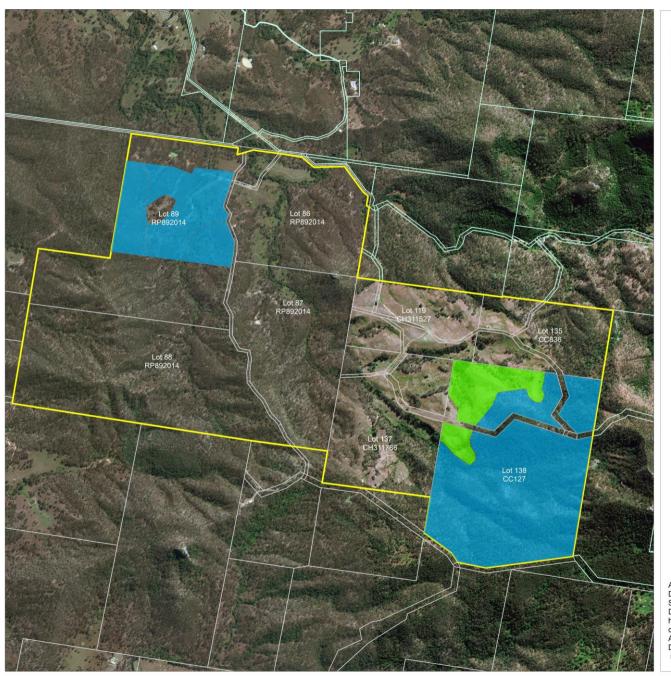
Acacia falcata

Acacia maidenii

Acacia fimbriata

Melaleuca viminalis

Appendix C – Management Units		
- Appendix o management o ma		





EPBC 2015/7628 Offset Area Operational Management Units

0 0.25 0.5 Kilometers



Legend

OMU-01 (21.28 ha)
OMU-02 (152.25 ha)
Koala Crossing Boundary

Author:T.Pritchard, QTFN
Date: July 2018
Source: Cadastral Boundaries,
Data supplied by QSpatial
http://qldspatial.information.qld.gov.au/
catalogue/custom/index.page
ACCURACY STATEMENT
Due to varying sources of data, spatial locations
may not coincide when overlaid

Appendix G

Offset Area Management Annual Report (2024) prepared by Queensland Trust for Nature





Offset Area Management Report EPBC2015/7628 V1 | 24 June 2024



Document Control

Current document

Title Offset Area Management Report Years 1-5 EPBC 2015/7628

Date 24th June 2024

Prepared by Georgina Braun

Document Issue

Issue	Date	Prepared by	Checked by
Draft	05/06/2024	Georgina Braun – Senior Ecologist	Kayleen Campbell - Analyst
Final	24/06/2024	GB	

Disclaimer

This report has been prepared for the Deebing Heights Land Partners Pty Ltd by the Queensland Trust for Nature. QTFN cannot accept any responsibility for any use of or reliance upon the contents of this report by any third party.

Reports and/or Plans by Others

Reports and/or plans by others may be included within this Offset Area Management Report to support the document.

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CHAPTER 1: INTRODUCTION

The purpose of this document is to report on the management actions and outcomes required for the provision of koala (*Phascolarctos cinereus*) habitat offset, by Approval EPBC 2015/7628 issued pursuant to sections 130 and 133 of the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC 1999). The focus of the report is on the protection and enhancement of the koala habitat associated with the secured offset for the Deebing Heights Land Partners Pty Ltd development relating to EPBC 2015/7628. This document will report in accordance with stipulations and requirements laid out in the Offset Area Management Plan.

The structure of the document reflects the requirements of the Department of Climate Change, Energy, the Environment and Water (DCCEEW) (nee DEE and DAWE) and details the key threatening processes which could impact on the existing koala population. The chapters that comprise the document report on the overall health of the koala population, vegetation composition, and actions to minimise threats to koala. The management regime put in place by QTFN will enhance existing koala habitat through the exclusion of land practices detrimental to the site and will track improvements and progress in the annual offset report over the active management period.

This report is the second submitted to date since the approval date for the offset (EPBC 2015/7628) on the 15th October 2018 and commencement of the action on 16th May 2023. The past and future reporting requirements are listed below.

Management of the offset area has been active since legal security was secured on the 22nd August 2019. This management report will summarise actions completed since then.

Milestone	Due Date	Status
Approval of EPBC 2015/7628		Approved 15 th October 2018
Legal Security	Prior to commencement of the action	Secured 22 nd August 2019
Baseline	12 months post legal security	Submitted 21st August 2020
Commencement of the Action	-	16 th May 2023
Annual Offset Management Report Year 1-5	60 business days post 12 month anniversary of commencement of the action	Due 7 th August 2024
Year 6		
Year 7		
Year 8		
Year 9		
Year 10		

Summary of compliance

This document stands as a compliance report for the agreed upon approval conditions (Table 1) outlined in the EPBC 2015/7628 Offset Area Management Plan and final approval conditions.

It is acknowledged that any non-compliance with the conditions must be reported by no later than 2 business days after becoming aware.

Table 1. Compliance summary of approval conditions, relevant for this reporting period.

Approval Condition	Compliant
2a Prior to commencement of the action, legally secure the offset site	YES
2b Within 20 business days of legally securing the offset site, provide the Department with evidence of when and how it was legally secured, and a shapefile of the offset site.	YES
2c within one year of legally securing the offset site, complete and provide the Department with the results of	YES
i. Baseline koala density survey	
ii. Baseline koala food trees survey	Submitted 21 st August 2020
iii. Baseline survey of non-native koala predators	
2d within nine years of the date the baseline koala density survey was completed, demonstrate that a statistically significant increase in koala density over the entire offset site, compared to the baseline determined by the baseline koala density survey, has been achieved and maintained for at least two consecutive years.	Ongoing Due 15 th October 2027
2e Within seven years of the date the baseline koala food trees survey is completed, demonstrate achievement of ongoing recruitment of koala food trees over the entire offset site, compared to	Ongoing Due 15 th October
the baseline determined by the baseline koala food trees survey	2025
2f Demonstrate a reduction, maintained for 10 consecutive years from the date the baseline survey of non-native koala predators is completed, in the number of non-native koala predators over the entire offset site, compared to the baseline determined by the baseline survey of non-native koala predators.	Ongoing

Table 2. Compliance summary and checklist for all conditions relevant to this reporting interval under the OAMP.

	Key Actions and Monitoring Requirements	Reporting Requirements	Compliance
	Koala C	Occurrence	
•	Baseline koala density survey within 6 months of offset being legally secured. Repeat at years 5 and 10. Record opportunistic koala sightings and scat findings (location and date).	Incorporate the koala density survey results within the relevant Annual Offset Area Assessment Report (only for years 0, 5 and 10). Incorporate opportunistic koala sightings into the Annual Offset Area Assessment Report.	Y Year 5 data to be provided next report
	Vegetation Composition, Habitat	Connectivity and Dispersal Barriers	
•	Undertake baseline Tertiary Vegetation Assessments, including		Υ
•	photo monitoring and again at year 5 and 10. Implement a revegetation program in the cleared areas using best practice techniques with tree and shrub species representative of the pre-clearance Regional Ecosystem including koala food and shelter trees.	A self-sustaining ecosystem is established on the currently cleared areas resembling pre-clearance Regional Ecosystems with koala food and shelter species present. During the establishment phase a minimum plant survival rate of 90% is required.	Y

	Key Actions and Monitoring Requirements	Reporting Requirements	Compliance
•	Conduct baseline assessment of weed infestation levels. Develop and implement a property wide Weed Management Plan, with a focus on declared weeds impacting koala dispersal. Undertake	Average canopy tree height in revegetated areas exceeds one metre at end of year one, two metres at end of year two and four metres at end of year four.	Y
•	annual weed surveys during spring or summer. Retain all vegetation in remnant and mature regrowth areas except where necessary for the removal of weeds, fencing or fire break trails. Monitor for illegal clearing in the area of any natural	Average cover of all planted species (foliar projective cover of canopy and subcanopy) in revegetated area exceeds 50% of site at end of year three and 75% at end of year five.	Y
•	events that may impact habitat connectivity. Offset it legally secured as an area of High Conservation Value under section 19F of the <i>Vegetation Management Act</i> 1999.	Monitor for any (illegal) clearing in the area (highly unlikely) or any natural events that might impact on habitat connectivity	
		Monitoring results to be recorded in annual Offset Area Assessment Report.	
	Pre	dators	
•	Conduct a baseline survey to establish feral animal abundance and location on the property. Repeat every six months.		
•	Implement a property wide feral animal control program. The control program and techniques (trapping, baiting, shooting) will	Successful reduction of feral animal abundance.	Ongoing
	be informed based on the results of the abundance survey.	Annual report to include all feral animal survey data.	Ongoing
•	Monitoring of the presence of feral pest animals through the use of remote motion-activated cameras; survey the site every six months to record presence/absence of signs of feral animals (sightings, killings and/or scats and tracks).	Annual report to include all records of koala injury or death related to feral animal attacks.	Y Y
•	Establish and maintain a koala-predator interaction register		
	Venic	le Strike	
•	Install koala awareness signage on Mount Flinders Road within 6 months of securing offset area Implement a slow speed requirement (40km/h) in offset area and	Report any koala injuries/deaths to Local Government authority and relevant State Government department	Y
•	install signs Record any koala injury/mortality on roads within offset area of	Incidents to be recorded in annual Offset Area Assessment Report.	Y
	Flinders Road. Report injuries/deaths to LGA.		
	l	Fire	
•	Develop an Offset Area Bushfire Management Plan within 6 months of the offset being legally secured.	Report on prescribed burn results (area covered, any potential negative impact, intensity of burn, learnings)	Y
•	Install firebreaks and fire trails. Inspect and undertake maintenance in compliance with OAMP.	Report any high intensity (wildfire) to the relevant authorities and report on any impact on the offset area.	Y Y
•	Prescribed burning will be undertaken in consultation with, and under the guidance of the Queensland Rural Fire Brigade.	Monitoring results and maintenance log will be detailed within the annual Offset Area Assessment Report.	
	Disease ar	nd pathogens	
•	Document baseline condition survey to include assessment for		Υ
-	signs of <i>Phytophthora cinnamomi</i> and Myrtle Rust.	Baseline data concerning observations around koala and koala habitat diseases and pathogens is to be documented within initial annual Offset Area Assessment	
•	To reduce the risk of introducing Chlamydia and Koala retrovirus into the resident population, uncontrolled translocation of koala	Report. Confirmation of koala translocation activity within the	Υ
•	is not permitted within the offset area. Enforce biosecurity procedures for all persona and vehicles that	offset area (if approved) is to be included within annual Offset Area Assessment Reports.	Υ
•	may carry vegetation pathogens known to affect koala food and shelter trees. Monitor neighbouring habitat to identify disease once per annum.	Incidence of koalas exhibiting symptoms of disease to be reported within annual Offset Area Assessment Report.	Υ
	,		

CHAPTER 2: SETTING AND LOCALITY

By way of Deed, Deebing Heights Land Partners Pty Ltd secured delivery of an Offset Area Management Plan and registration of a Voluntary Declaration (under the Vegetation Management Act (QLD) of a staged offset area imposed by EPBC Approval 2015/7628 as part of the offset for the Grampian Drive Deebing Heights Residential Development, Qld.

The voluntary declaration was secured on the 22nd August 2019 and reporting for EPBC 2015/7628 will include information from 2020 onwards.

Koala Crossing Locality

The offset area pertaining to EPBC 2015/7628 is managed as part of a larger conservation property located on Mount Flinders Road, Peak Crossing, Queensland comprised of eight lots; 86, 87, 88, 89 on RP892014, Lot 119 on CH311527, Lot 107 on CH311135, Lot 137 on CH311786 and Lot 138 on CC127 totalling approximately 654 ha (Map 1). The whole site, henceforth referred to as 'Koala Crossing', was purchased by the Queensland Trust for Nature (QTFN) in 2014 to protect regrowth vegetation from future development, with the aim of utilising the property for offsets.

The tenure of the site is freehold, wholly owned by the Queensland Trust for Nature. In 2020, four nature refuge agreements (Koala Crossing Nature Refuge, Cockatoo's Corner NR, Wallabies Knoll NR and Glider's Glade NR) were established under the Nature Conservation Act 1992 pertaining to lots 86, 87, 88, and 89 on RP892014 (Map 1). These nature refuge agreements will further protect and enhance the natural environment within the offset area beyond the life of the offset agreement term.

It is located within the Scenic Rim Regional Council Local Government Area. On a regional scale, the site is part of the Flinders Karawatha Corridor, the largest remaining contiguous stretch of open eucalypt forest in South East Queensland (SEQ) (EHP 2014). The corridor stretches for 60km from the Karawatha forest in Brisbane, through Flinders Peak to Wyaralong Dam near Boonah, and encompasses 56,350 ha of land. It is an important wildlife corridor, providing habitat for a number of vulnerable species including the tusked frog (Adelotus brevis), glossy black-cockatoo (Calyptorhynchus lathami), powerful owl (Ninox strenua), black-breasted button-quail (Turnix melanogaster), spotted-tailed quoll (Dasyurus maculatus maculatus), brush-tailed rock-wallaby (Petrogale penicillata) and koala (Phascolarctos cinereus).

Climate data for the area gives a mean maximum and minimum temperature of 28.3°C and 12.2°C respectively for 2023. The average annual rainfall is 852mm from 1941-2024(BoM 2024), with the 2023 annual rainfall at 752mm with wettest month in November and the driest month in August.

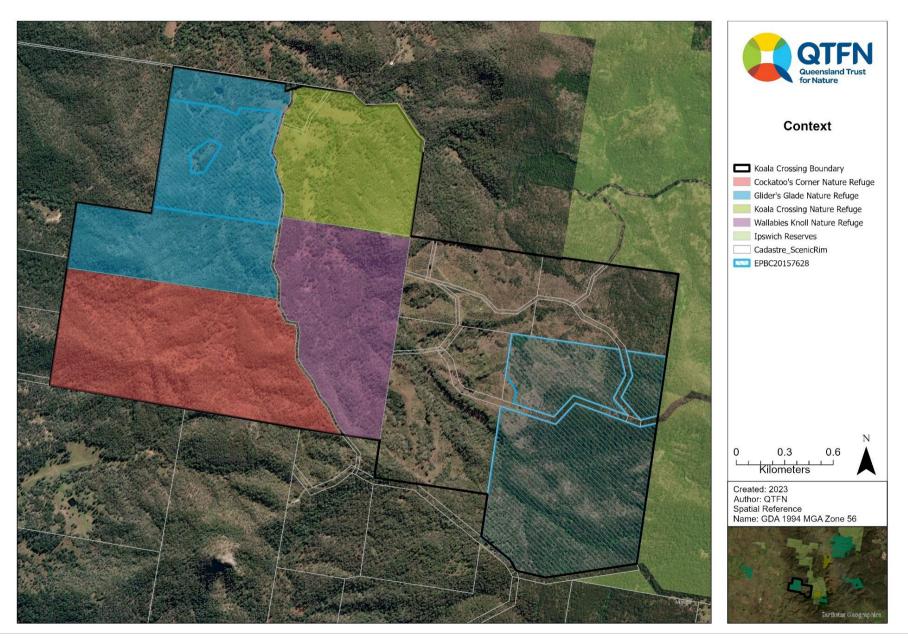
The property contains four Regional Ecosystems (REs):

- 12.8.24 Endangered: *Corymbia citriodora subsp. variegata* open forest on Cainozoic igneous rocks especially trachyte
- 12.9-10.7 Of concern: Eucalyptus crebra +/- E. tereticornis, Corymbia tessellaris, Angophora spp, E. melanophloia woodland on sedimentary rocks
- 12.9-10.2 Of least concern: Corymbia citriodora subsp. variegata +/- Eucalyptus crebra open forest on sedimentary rocks
- 12.9-10.17 Of least concern: Eucalyptus acmenoides, E. major, E. siderophloia +/- Corymbia citriodora subsp. variegata woodland on sedimentary rocks

The highest point of the site is 210m above sea level on the eastern side, close to the border of lots 86 and 87 RP892014. The Geological Survey of Queensland 1:100,000 Ipswich Geological Map (DME 2008) lists the geology as:

- Qa SEQ: Quaternary; clay, silt, sand, gravel, flood plain alluvium
- Tit SEQ: Tertiary: trachyte (anorthoclase and riebeckite trachyte)
- Jbmk: Jurassic; lithofeldspathic labile and sublabile to quartzose sandstone, siltstone, shale, minor coal, ferruginos oolite marker
- Jbmg: Jurassic; lithic labile and feldspathic labile sandstone

Map 1. Offset area in the context of Koala Crossing and Flinders Karawatha Corridor



CHAPTER 3: OFFSET AREA REPORT

This chapter outlines the agreed requirements outlined in the Offset Area Management Plan (OAMP) and the final Approved Conditions set by the relevant parties. For each asset, monitoring and results are discussed in line with the reporting requirements, and notes on conservation management actions stated.

Reporting period

This document reports on monitoring and works completed up until the submission date, beginning from date of legal security.

Commencement of the action triggered annual compliance reporting for the 12 month period on the anniversary of the 16th of May, beginning 2019. However, following the Approval Conditions, management of the offset area commenced upon the date of legal security with consecutive years beginning 2019, i.e. Year 1 period is 22nd August 2019 to 22nd August 2020.

This report covers the management actions undertaken in years 1 to 5 (2019-2024).

3.1 KOALA OCCURRENCE

Relevant actions	Reporting requirement	Compliant
Outside of the formal koala density survey event, opportunistic koala sightings to be recorded (location and date) within the Annual Offset Area Assessment Report	Opportunistic koala sightings to be incorporated into the Annual Offset Area Assessment Report	Y
For full OAMP see Appendix 1		

Koalas are under significant threat in SEQ due to habitat encroachment by urbanisation, predation by feral and domestic animals and traffic accidents caused by increased road networks and motor vehicles. Koala Crossing was purchased by the Queensland Trust for Nature with the intention of finding sustainable funding models to preserve koala habitat and provide linking territories to the Flinders-Goolman Conservation Estate and the Flinders-Karawatha Corridor. The delivery of third party project impact offsets has provided a means of funding ongoing restoration and revegetation of large parts of the property.

i. Monitoring in this period

This report will document the continued koala observations and monitoring within the offset area, in line with the requirement of the OAMP since legal security. In this reporting period, ongoing opportunistic observations regarding koala have been made in the form of scat searches and camera trapping. Eleven camera trapping stations were deployed across the site (see Section 3.5 for locations – two located within offset area), and scat searches were conducted opportunistically across the offset area.

A comprehensive survey of koala populations is currently being conducted and will be reported against in the next reporting period alongside a five-year review.

Methodologies remain unchanged from previous reports. Trees were selected at random throughout the property and searched for Koala scratch marks and scats within 1m of the base. As recommended by the Koala Ecology Group in the original baseline survey, a maximum search effort of 11 trees was conducted in any one site before a site was considered to have no evidence of recent koala activity. Where very fresh scats were found a brief visual search of the immediate area was conducted to determine if a koala was still present. Relative Activity Indices are calculated for koala in the same manner as for feral predators, the methods for which are detailed in Section 3.5.

ii. Results and Management Outcomes

Scat searches

Opportunistic scat searches from the 2019/2024 monitoring period continue to show koala scats across the offset area (Map 2), confirming habitat utilisation.

Comprehensive property wide scat surveys were conducted in 2019 (baseline) and are currently scheduled for resurvey in 2024.

Visual observations

Multiple koalas were observed on site during November 2023 through visual transect survey conducted by Department of Environment, Science and Innovation's Koala Team, or by opportunistic observations made by Queensland Trust for Nature staff. Two male koalas were observed by the DESI Koala Team along Sandy Creek (2nd and 3rd November 2023). On the 13th November 2023, QTFN staff observed one male and one female further into the property along Sandy Creek, both adjacent to the EPBC 2015/7628 offset area (Map 2). One individual (adult female) observed displayed symptoms of chlamydia and was captured and sent to the RSPCA for assessment. Her diagnosis was bilateral ovarian cysts with progressed chlamydia and was euthanised. Lastly, a community event was held on Koala Crossing along Sandy Creek on the 18th November 2023 and two koalas were observed. It cannot be said with certainty that each of these observations were independent and represent unique individuals as the search effort was concentrated in the same location over multiple days. However, due to identification of sex and age, it can be said that at least four unique individuals were observed using the habitat surrounding Sandy Creek (RE12.3.3 – Blue gum Alluvial Flats and RE12.9-10.2 – Corymbia citriodora woodland). This is in addition to the three individuals observed on camera trap, totalling seven possible individuals observed on Koala Crossing this monitoring period.

Camera trap observation

Koalas were observed on multiple occasions during camera trap surveys over the past 5 years (Figure 1). Two individuals were observed on Camera D on the 19th September 2022 (Individual 1) and the 4th November 2022 (Individual 2). Only one individual was observed within the "sampling season dates". Two independent koala observations occurred during the Winter 2023 season. One at Camera H on the 6th July 2023 (Individual 3) and Individual 2 was observed again at Camera D on 12th June 2023. Unique markings on their rump assist in individual recognition, confirming at least three individuals are utilising habitat within Koala Crossing. Most recently, a sub-adult was observed again on Camera H on the 26th November 2023. It is possible this is the same as Individual 3 observed in July of 2023.

All camera trap observations were made outside of the offset area but within connected bushland within the Koala Crossing property (Map 2). While they were not observed within the offset area itself, the vegetation within the offset provides foraging and dispersal habitat (demonstrated via presence of scat), and it is likely the individual observed adjacent to the offset area traverses and utilises the EPBC 2015/7628 habitat as it within an acceptable home range buffer. Reports from neighbouring properties, directly to the south of the eastern offset area have reported koala activity, further demonstrating the likelihood of dispersal across the offset area.

Koala-predator interactions

No koala predator interactions were recorded during the period relevant to this report.

Management outcomes

Koala scat indicates a stable and active population of koalas in the site. Opportunistic survey will continue annually. The next intensive site-wide scat surveys, and monitoring activities are currently being undertaken and will be reported against in the next reporting period (May 2024 – May 2025).

Should koala density be found to significantly reduce (as defined by the applied survey method or expert) between survey events, a supplementary assessment will be implemented to review the likely cause of the reduced occurrence of koala within the offset area in accordance with the Offset Area Management Plan requirements (Appendix 1). In addition to the existing population, the property will continue to act as a release site for recuperated koalas that were found close to the property.

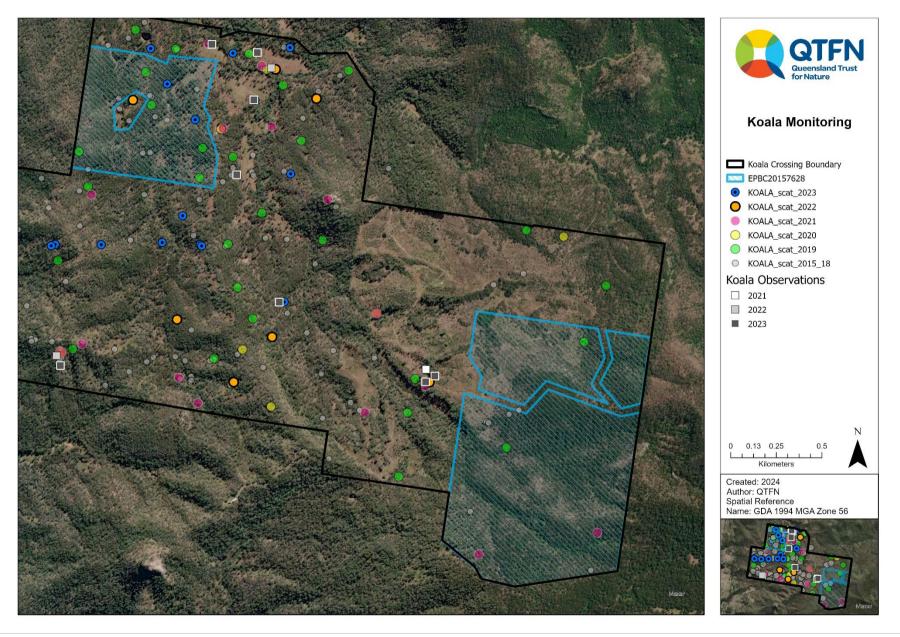


Figure 1. Koalas observed during camera surveys on Koala Crossing

Table 3. Koala observations

Survey Effort	Date	Unique ID	Location	Age	Sex	Disease	Tree
Camera Trap Summer 2022	19/09/2022	2	477208, 6924499	Adult	Male	No sign	Nil – on ground
	04/11/2022	1	477208, 6924499	Adult	Male	Symptomatic	Nil – on ground
Camera Trap Winter 2023	12/06/2023	2	477208, 6924499	Adult	Male	No sign	Nil – on ground
	06/07/2023	3	479230, 6924361	Sub-adult	Unknown	No sign	Nil – on ground
DESI Koala Team. Line transects	02/11/2023 to	4	478054, 6926217	Adult	Male	No sign	Eucalyptus tereticornis
	03/11/2023	5	478190, 6925550	Adult	Male	Unable to determine	Corymbia citriodora subsp. variegata
QTFN Staff. Opportunistic.	13/11/2023	6	478428, 6924797	Adult	Female	Symptomatic	Eucalyptus melanophloia
		7	478288, 6925904	Sub-adult	Male	No sign	Eucalyptus tereticornis
Community Event.	18/11/2023	N/A	478308, 6926162	Unknown	Unknown	Unable to determine	Eucalyptus tereticornis
Opportunistic.		N/A	478308, 6926162	Unknown	Unknown	Unable to determine	Eucalyptus tereticornis
Camera Trap Summer 2023	26/11/2023	N/A	479230, 6924361	Sub-adult	Unknown	No sign	Nil - on ground

Map 2. Koala Monitoring within offset site



3.2 VEGETATION COMPOSITION – Native

Relevant actions	Reporting requirement	Compliant
Retain all vegetation in remnant and mature regrowth areas except where necessary		
Ongoing preservation and recruitment of koala food and shelter trees.		
Establish self-sustaining vegetation resembling the pre- clearance Regional Ecosystem/s present on the site in the currently cleared areas	Monitoring results to be recorded in annual Offset Area Assessment Report.	Y
Undertake Tertiary Vegetation Condition Assessments at year 5 and 10.		
For full OAMP see Appendix 2		

The maintenance of the koala population is dependent on the health, age and distribution of koala food trees within the offset area. Monitoring and management of the vegetation is an essential part of the management plan.

Offset Management Unit 1 (OMU-01) is described as cleared vegetation. The objective for this management unit is to establish a self-sustaining vegetation resembling the pre-clearing regional ecosystem (12.9-10.2 -Corymbia citriodora subsp. variegata +/- Eucalyptus crebra open forest on sedimentary rocks).

Baseline tertiary vegetation condition assessments were conducted in May 2020 and published in the baseline report in August 2020. Vegetation condition assessment are due for repeat after 5 years and have been scheduled in May 2024. Results will be provided in the next reporting period.

i. Monitoring in this period

Revegetation has occurred within OMU-01 reflective of regional ecosystem 12.9-10.2 (Figure 2). During the establishment phase, a 90% plant survival rate was achieved and maintained at an average of 1,000 stems per hectare.

i. Results and Management Outcomes

Tertiary vegetation condition assessments are currently being undertaken (May 2024) and the analysis will be included in the next years report (2024-25), alongside a five-year review. This will inform on revegetation performance indicators of foliar projective cover of canopy and sub-canopy, and average tree height. Additionally, it will provide a review on koala habitat since the baseline assessment.

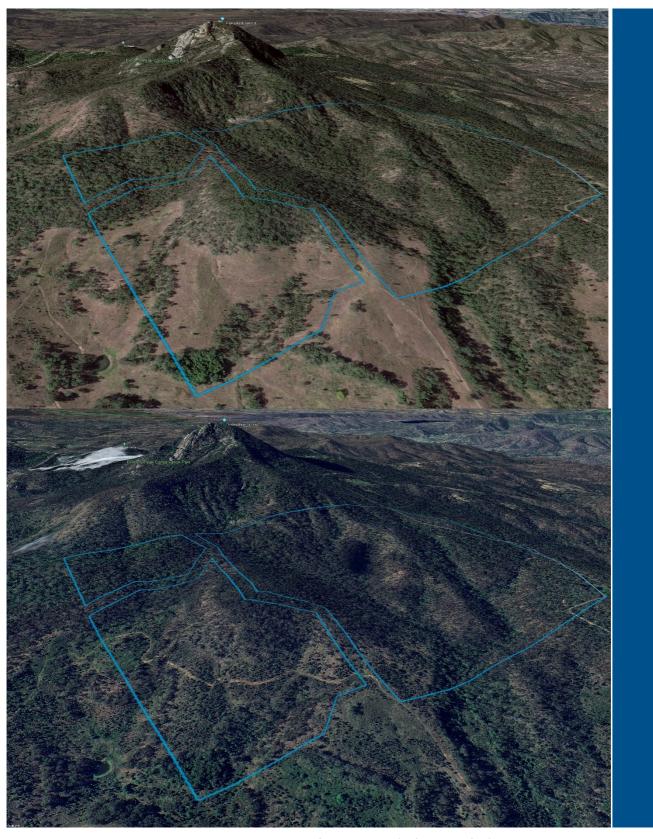


Figure 2. Satellite imagery of revegetation (before and after)

3.3 VEGETATION COMPOSITION – Non-native

Relevant actions	Reporting requirement	Compliant
Monitoring of weed infestations; adaptive management of shrub, tree and vine weed species if required. For full OAMP see Appendix 2	Declared weed cover is reduced across the property, and weeds are not impacting on the movement of koalas across the site and not negatively impacting on recruitment of koala food and shelter trees. Monitoring results to be recorded in annual Offset Area Assessment Report.	Υ

The maintenance of the koala population is dependent on the health, age and distribution of koala food trees within the offset area. Monitoring and management of the vegetation is an essential part of the management plan.

In this period activities focus on annual weed monitoring and corrective actions, ensuring there is no increase in weeds above the baseline.

ii. Monitoring in this period

Weed assessments continue to be conducted annually and compared to results from the baseline survey of 2019. Permanently marked transects were surveyed according to Nelder *et al* 2015 in a 100 x 10m transect (Map 3). Photo points were recorded at each transect so that the progress of the site could be monitored (Appendix 3). The target weed species identified as a threatening process to koalas is *Lantana camara*. Whilst other weeds were measured for overall ecological health, the focus of the weed management is the control and eradication of *L. camara*, as it has the capacity to prevent koala movement and access to food and shelter trees.

iii. Results and Management Outcomes

Offset-specific trends

There are seven (7) survey sites within the EPBC 2015/7628 offset area (Map 3).

Lantana density varies across transects within the offset area, and across the two offset blocks (Figure 3). Lantana coverage within the western block ranges from 5% (n =2) to 80% (n=1). The transect with 80% coverage reflects emergence of lantana and not dense thickets. Weed management has been active within this offset area since commencement and is demonstrating a successful result, with the lantana now in maintenance phase.

However, lantana coverage on the eastern block is higher with a range of 57% to 100% (n=4). While coverage is higher, no transects are impenetrable and lantana is present in consistent patches. Weed management has commenced in this offset area; however, a systematic approach to reduce weed cover in this remnant system is required following the extensive wet season and vegetation growth recently experienced.

Property-wide trends

Lantana camara has decreased to 89% occupancy, meaning it is present in 25 of 28 transects (Figure 3). This is down from 93% in 2023, attributed to active weed management. Visual observations confirm that any increase in lantana cover is representative of emergent growth, not necessarily dense thickets of growth. However, in response to this prolonged growth period, extensive follow up weed control will be required across the property.

Over 250ha of woody weeds on Koala Crossing were treated throughout 2023 and 2024 to date (Map 3), including areas within the offset site.

Lantana montevidensis is also present on the property and remains present in 100% of transects monitored at an average coverage of 70%.

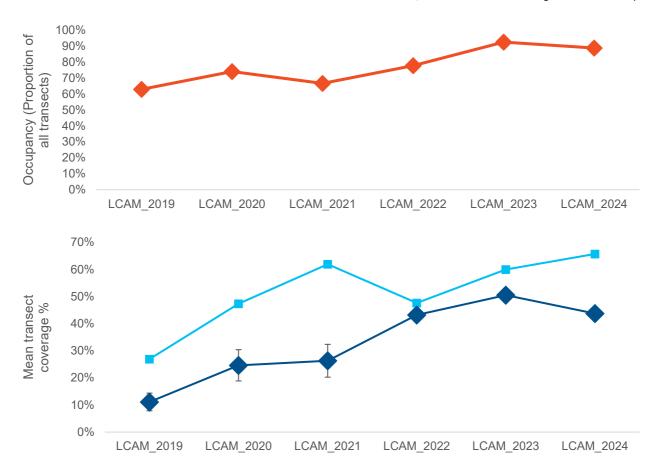


Figure 3. Weed transect results; occupancy and occurrence.

The percentage of the 28 weed transects across Koala Crossing reserve containing Lantana (top) and the average percent coverage of all transects (blue square) and offset specific (blue diamond) in each survey year since the baseline in 2019.

Management actions

QTFN is currently implementing the new and revised Koala Crossing Weed Strategy 2020-2025, which follows the same principles as its predecessor, and actions weed control works targeting areas of both re-emerging and highly infested *L. camara*.

In the western portion, this offset site is in maintenance phase for weed control works, with previous controls demonstrating a successful reduction in dispersal limiting thickets of lantana.

In the eastern portion, this offset site is in intensive management phase for weed control works, with planned control forecasted for follow up works.

3.4 HABITAT CONNECTIVITY

Relevant actions	Reporting requirement	Compliant
Retain all vegetation in remnant and mature regrowth areas except where necessary	The location, extent and associated purpose for any vegetation clearing undertaken within the offset area will be detailed within the annual	
Firebreaks and fire control lines to be inspected at a minimum quarterly frequency or after major	Offset Area Assessment Report.	Υ
storm events.	Any change to site connectivity is to be detailed within the annual Offset Area Assessment	
For full OAMP see Appendix 4	Report.	

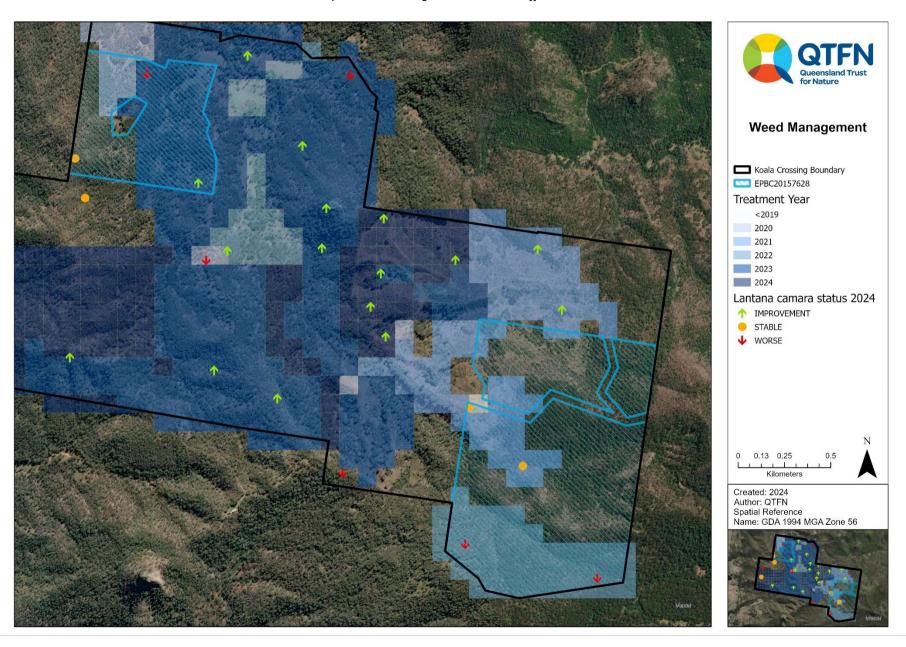
i. Monitoring and Management Outcomes

Firebreak inspection has been undertaken monthly during the 2019-2024 monitoring period. There has been no clearing undertaken within the offset area, nor a change to site connectivity.

Management actions

Continue to follow the offset area management plan.

Map 3. Weed Management within the offset area



3.5 THREAT TO KOALA FROM DOGS, FOXES AND CATS

Relevant actions Reporting requirement Compliant

Implement a property-wide feral animal control program.

Conduct follow-up monitoring and implement further control efforts if feral animals recur on the property. Implement adaptive management techniques if initial control techniques are not working effectively.

Monitoring of the presence of feral pest animals through the use of remote motion-activated cameras;

Survey the site every six months to record the presence/absence of signs of feral animals (sightings, killings and/or scats and tracks).

Any injured koala found on site will be sent to a veterinary clinic/wildlife rescue facility for rehabilitation.

For full OAMP see Appendix 5

Results of all presence/absence surveys will be reported upon on an annual basis as a component on the Annual Offset Areas Assessment Report.

All records of koala injury or death resulting from a dog attack are to be reported within the annual Offset Areas Assessment Report.

Υ

i. Monitoring in this period

Monitoring was conducted using remote sensing wildlife cameras (see Appendix 6 for examples of images) and offset area wide traverses for opportunistic scat collections. The report includes data from the baseline of Winter 2019 through to Summer 2023.

This survey effort includes 11 camera stations (with Reconyx Hyperfire HC600 remote-sensing cameras) capturing a comprehensive view of the landscape of Koala Crossing as a whole, with three stations located in their fixed locations within the EPBC 2015/7628 offset area.

Methodologies remain unchanged, but in contrast to previous reporting years, relative abundance indices are now calculated using a standardised set of trapping days (40), with an independence threshold of 10 mins (i.e. each observation of an animal ten minutes after the first observation is considered a new observation) analysed using the software 'Camelot'.

Given that the movement range of these feral predators extends beyond the specific offset area, Relative Abundance Index (RAI) are presented including the data from any camera trapping station with projected territories of any feral animal that overlap with the offset area. Observations specific to cameras within the offset area are presented in maps.

ii. Results and Management Outcomes

Offset specific trends

Dogs (*Canis lupus*) and foxes (*Vulpes vulpes*) were captured on one (respectively) camera trap that have potential foraging areas that overlap with EPBC 2015/7628 offset area in this monitoring season (Map 4).

Across the years since baseline non-native predator abundance (RAI) trended downwards maintaining a stable fox population and declining wild dog population (Figure 4). An increase in activity (occupancy and abundance) was observed in Summer 2022. The cause of this increase is unknown and may be attributed to many factors in the landscape including weather, food availability and surrounding predator management actions. Observations of wild dogs within the offset area are constrained to one camera trap located nearby a dam, which may have contributed to an increase in observed activity (Table 4).

Fox abundance has reduced to below the threshold for what is considered a significant decline for the species (based on baseline levels). While wild dog populations remain within the bounds of what is considered significant increase or decrease for the species. As discussed, feral animal activity fluctuates across seasons. They will continue to be monitored to further understand long-term trends.

Table 4. The number of camera traps with a 1km radius that overlaps with the EPBC2015/7628 offset area.

	Dogs	Foxes	Cats
WIN_2019	1	1	0
SUM_2019	1	1	0
WIN_2020	1	1	0
SUM_2020	1	1	0
WIN_2021	2	1	0
SUM_2021	1	0	0
WIN_2022	1	0	0
SUM_2022	0	1	0
WIN_2023	0	1	0
SUM_2023	1	1	0

Property wide trends

Dogs and foxes have been recorded within the offset area. No cats were observed during this reporting period. Occupancy varies across the property, but remains between 20-60% occupancy, notably where key water sources are present. The abundance of dogs and foxes continue to fluctuate across seasons and remain within the bounds of reasonable fluctuations.

Analysis of predator scat

Predator scats continue to be found across the Koala Crossing site and within the EPBC 2015/7628 offset area (Map 4). Although both foxes and dogs remain on the site, predatory scats collected within this sampling period suggest that neither predator is consuming koala, and the diets of most individuals is composed of macropods and small mammals (Table 5, Figure 5). Analysis of scat collected from June 2022 to August 2023, identified the following prey with respective proportions; swamp wallaby *Wallabia bicolor* (0.375), northern brown bandicoot *Isoodon macrourus* (0.25), red necked wallaby *Macropus rufogriseus* (0.25), eastern chestnut mouse *Pseudomys gracilicaudatus* (0.125), feral pig *Sus scrofa* (0.125) and rabbit *Oryctolagus cuniculus* (0.125).

Over the years a comparison of diet composition can be inferred across predator species; dogs and foxes (Figure 5). While a complete analysis has not been conducted it can infer that wallabies and small mammals remain a core component of the diet for both species. However, native bird and reptiles appear in the fox diet more frequently. Additionally, non-native mammals including pigs regularly appear in wild dog scat.

Table 5. The types of prey item identified from fox and dog scat collected within the site

Data collected from June 2022 to August 2023, sorted by the frequency of individual predators whose scat contained each prey type (e.g. Swamp wallaby were found in 37% of the 8 scats collected).

Species name	Common name	Frequency
Wallabia bicolor	Swamp wallaby	0.375
Isoodon macrourus	Northern Brown Bandicoot	0.25
Macropus rufogriseus	Red-necked Wallaby	0.25
Pseudomys gracilicaudatus	Eastern chestnut mouse	0.125
Sus scrofa	Pig	0.125
Oryctolagus cuniculus	Rabbit	0.125



Figure 4. Occupancy (top) and relative abundance (bottom) of wild dogs/dingo (blue circle), foxes (blue diamond) and cats (red square). All data collected to date is included to demonstrate declines due to management actions taken and the natural fluctuations observed either side of management.

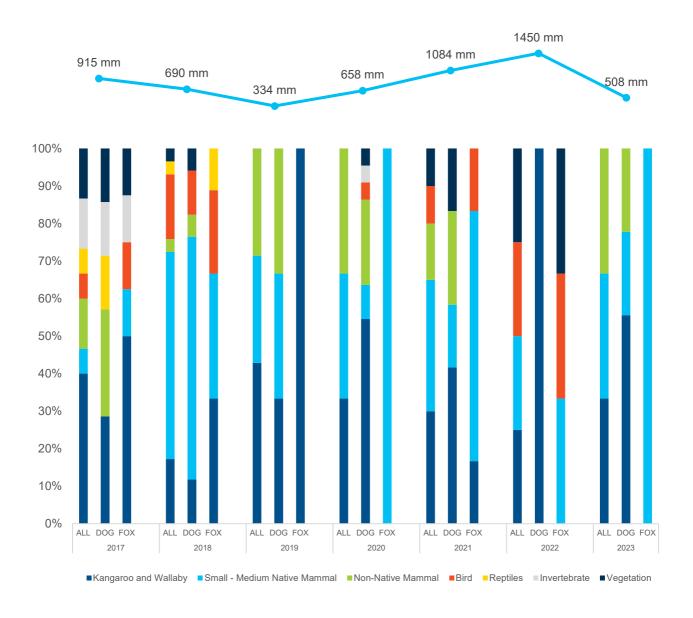


Figure 5. Analysis of predator diet by scat analysis, and rainfall (above).

Other observations

No cats were observed in the offset area in the last monitoring season.

Pigs have been observed within the offset area at low density. Abundance varies across seasons and availability of water on site.

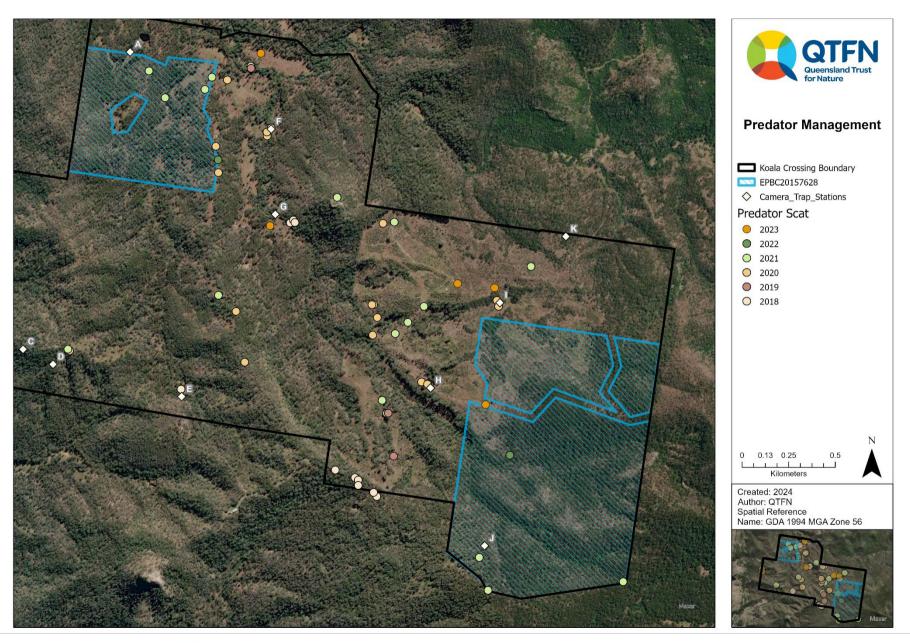
Management actions

A contractor has been engaged with a primary focus on reducing the number of dogs and foxes. Over the past years individuals have been removed from the system.

Biannual monitoring using camera traps will continue, to inform on trends in predator activity.

The inherent nature of controlling introduced predators over an unfenced site means some years will see an increase in numbers, regardless of measures put in place to control them.

Map 4. Predator sightings within the offset area and whole of property



3.6 THREAT TO KOALA FROM VEHICLE STRIKE

Relevant actions	Reporting requirement	Compliant
Record any observed koala injury/mortality on roads/tracks within the offset area or Flinders Road.	Incident to be recorded in annual Offset Area Assessment	Y
For full OAMP see Appendix 7	Report.	

There were no vehicle strike incidents in any part of the property.

3.7 THREAT TO KOALA VIA BARRIERS TO DISPERSAL

Relevant actions	Reporting requirement	Compliant
Retain all vegetation in remnant and mature regrowth areas except where necessary	Monitoring results to be recorded in annual Offset Area	Υ
For full OAMP see Appendix 8	Assessment Report.	

There was no vegetation clearing (excluding weeds) undertaken in any part of the offset area.

There was no damage associated with a natural disaster within any part of the offset area.

3.8 THREAT TO KOALA THROUGH FIRE

Relevant actions	Reporting requirement	Compliant
Install firebreaks and fire trails		
Inspect firebreaks and access tracks, undertake any maintenance required to achieve compliance with Offset Area Bushfire Management Plan.	Report on prescribed burn results (area covered, any potential negative impact, intensity of burn, learnings)	Y
Prescribed burning will be undertaken in consultation with, and under the guidance of the Queensland Rural Fire Brigade	Report any high intensity (wildfire) to the relevant authorities and report on any impact on the offset area.	·
For full OAMP see Appendix 9		

Threat to koala from fire was addressed in accordance with Table 3.8 (within the OAMP) by referring to the 'Koala Crossing Fire Management Plan'.

The Koala Crossing Fire Management Plan divides the property into Fire Management Zones: Land Management Zones, Exclusion Zones and Asset Protection Zones. Within the Land Management Zones, the landscape is broken up into subzones (Fire Management Areas) according to practicable containment lines. The Fire Management plan details burning intervals recommended for these FMAs (QTFN, 2023). The EPBC2015/7628 offset area is located in FMA 1,2, 6,7, and 10, and the fire exclusion zone.

i. Results and Management Outcomes

No ecological burns or wildfires occurred within the offset area during this reporting period.

3.9 THREAT TO KOALA AND KOALA HABITAT FROM DISEASE AND PATHOGENS

Relevant actions	Reporting requirement	Compliant
To reduce the risk of introducing Chlamydia and Koala retrovirus into the resident population; uncontrolled translocation of koala is not permitted within the offset area. Vegetation management activities which include tree lopping/felling, weed removal, tree planting (including nursery suppliers) are deemed to be high risk in the context of introducing pathogens that may potentially impact koala habitat. As such, any person engaged to undertake these activities must satisfy the landholder that they have undertaken all reasonable steps to prevent the introduction of a pathogen/disease to the site (e.g. vehicle and equipment washdown prior to site entry).	Incidence of koalas exhibiting disease to be recorded if encountered during any monitoring events within the offset area. Confirmation of translocation activity within the offset area is to be included within annual Offset Area Assessment Reports.	Υ
For full OAMP see Appendix 10		

i. Monitoring in this period

The initial baseline survey for koala health (July 2015) indicated no incidence of koala diseases within the population at Koala Crossing, however subsequent surveys indicated two instances of koalas infected with chlamydia. Chlamydia is a bacterial infection which affects most koalas within South East Queensland. The disease weakens the immune system and causes various problems, including blindness and female infertility. Stress within a population can cause outbreaks of Chlamydia. Stressors include habitat clearing, fragmentation and lack of food resources.

Monitoring continues with incidental sightings and monitoring events carried out by QTFN Ecologists and ecological consultants. An ongoing program is in place to continue monitoring Koala Crossing's koala population to ensure they are healthy and thriving.

ii. Results and Management Outcomes

No new observations of disease have been made in this reporting interval. No new translocations have occurred.

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Phillips S, and Callaghan J, (2011) 'The Spot Assessment Technique: A tool for determining localised levels of habitat use by Koalas Phascolarctos cinereus. Australian Zoologist 35(3) pp. 774-780. https://doi.org/10.7882/AZ.2011.029

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APPENDIX

Appendix 1. Table 3.1 Occurrence of Koala within offset area from the Offset Area Management Plan

Table 3.1 Occurrence of Koala within offset area from the Offset Area Management Plan EPBC 2015/7628, QTFN 2023, version 3, pp. 12-13.

Attribute	Koala occurrence
Outcome	 A net gain in koala population density on the property. Koala occurrence on the currently cleared areas.
Outcome	
	Conduct a baseline koala density survey within the offset area within 6 months of the offset area being legally secured using best practice methodologies, such as the Spot Assessment Technique and line transect surveys (Phillips and Callaghan, 2011).
Actions	Repeat the koala density/occurrence surveys undertaken within the offset area at years 5 and 10 from the date at which the offset is legally secured.
Actions	 Surveys to be undertaken by a suitably qualified ecologist with extensive experience
	with koala surveys. Legally secure the offset area.
	* Baseline koala density/occurrence survey undertaken and documented.
- ·	Koala density/occurrence surveys (years 5 and 10) records an increase in koala density/activity within the offset area.
Performance Indicators	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999
Monitoring	Record opportunistic koala sightings inclusive of scat findings (location and date).
	Incorporate the koala density survey results within the relevant Annual Offset Area Assessment Report (only for years 0, 5 and 10).
	Incorporate opportunistic koala sightings into the Annual Offset Area Assessment Report.
Reporting	 Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
	Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au
Corrective action	If koala densities are not maintained or are significantly reduced, then an assessment needs to be undertaken by a koala expert in relation to the potential cause/s and remediation actions undertaken where feasible through the implementation of adaptive management.
Anticipated term	Duration of the active management period (10 years).
Responsibility	❖ Landowner (QTFN)

Appendix 2. Table 3.2 Vegetation composition from the Offset Area Management Plan

Table 3.2 Vegetation composition from the Offset Area Management Plan EPBC 2015/7628, QTFN 2023, version 3, pp. 13-15.

Attribute	Vegetation composition
	Vegetation composition reaches a 'high' score value in relation to currently existing
	native vegetation. Establish self-sustaining vegetation resembling the pre-clearance Regional
	Ecosystem/s present on the site in the currently cleared areas (24.31 ha) (excluding
	potential future infrastructure footprints and gazetted roads).
	Reduction of weed cover that impacts on koala movement across the site and
	could adversely affect the structural composition of the koala habitat (number of
	koala food and shelter species and their recruitment).
Outcome	Retain and enhance where possible the structure and floristic diversity of canopy vegetation surrounding cleared areas.
	Retain and enhance where possible the structure and floristic diversity of middle
	and understory vegetation surrounding cleared areas.
	Ongoing preservation and recruitment of koala food and shelter trees.
	 Permanently remove existing threat of habitat degradation associated with
	clearing, development or other incompatible land uses.
	Domestic livestock excluded from offset area (unless controlled grazing required
	for fire risk management).
	Develop property Bushfire Management Plan within 6 months of the offset area
	being legally secured.
	Install fire breaks/trails in accordance with the Offset Area Bushfire Management Plan.
	Retain all vegetation in remnant and mature regrowth areas except where
	necessary for the removal of weeds, to establish and maintain fencing around the
	offset area perimeter, establish and maintain fire breaks/trails as per Offset Area
	Bushfire Management Plan, to be developed, or to reduce or remove health and
	safety risk to persons and/or infrastructure.
	 Undertake baseline Tertiary Vegetation Condition Assessments, including photo
	point monitoring.
	 Implement a revegetation program in the cleared areas using best practice
	techniques with tree and shrub species representative of the pre-clearance
Actions	Regional Ecosystem including koala food and shelter trees (see Appendix B for
Actions	proposed species list).
	Conduct baseline weed density survey within six months of the offset area being
	legally secured.
	Implement a property wide weed management plan, with a particular focus on
	weeds declared under the Land Protection (Pest and Stock Route Management)
	Act 2002, as well as weeds with potential to impact on koala movement and
	structural vegetation composition (mainly Lantana camara).
	Legally secure the offset area.
	Domestic livestock will be only be introduced in the event that a fire risk
	professional (e.g. representative of Queensland Rural Fire Service) and a suitably qualified environmental scientist deem that conditions are not suitable for an
	ecological burn and that grazing is appropriate to manage a high level of fire risk.
	Level of risk (and any need to repeat this grazing cycle) is to be re-assessed by the
	aforementioned professionals following the grazing event.

Attribute	Vegetation composition
Performance Indicators	 A self-sustaining ecosystem is established on the currently cleared areas resembling pre-clearance Regional Ecosystems with koala food and shelter species present. During the establishment phase a minimum plant survival rate of 90% is required. Average canopy tree height in revegetated areas exceeds one metre at end of year one, two metres at end of year two and four metres at end of year four. Average cover of all planted species (foliar projective cover of canopy and subcanopy) in revegetated area exceeds 50% of site at end of year three and 75% at end of year five. Livestock are excluded from offset area. Declared weed cover is reduced across the property, and weeds are not impacting on the movement of koalas across the site and not negatively impacting on recruitment of koala food and shelter trees. Offset area is legally secured as an area of High Conservation Value under section
Monitoring	 19F of the Vegetation Management Act 1999. Undertake Tertiary Vegetation Condition Assessments at year 5 and 10. Undertake annual weed survey (during spring or summer to optimise weed detection). Undertake revegetation area tree growth (height and cover) monitoring at 12 months, 24 months and 48 months post planting. Conduct photo monitoring on an annual basis. If livestock are kept on the balance of the property, the offset area fencing to be monitored on a monthly basis.
Reporting	 Monitoring results to be recorded in annual Offset Area Assessment Report. Submit all annual Offset Area Assessment Reports to DoE on an annual basis. Submit all annual Offset Area Assessment Reports and any records of noncompliance to DoE via email to PostApproval@environment.gov.au
Corrective action	 If tree height and foliar projective cover monitoring indicate tree growth less than performance indicators, implement additional weed control, fertiliser, amelioration or other management actions necessary to stimulate tree growth. If annual weed survey indicates weed cover is not reduced since previous survey, weed control program to be expanded/adapted to improve outcomes. If livestock-proof fencing is breached: Within 7 days: Livestock will be removed from offset area and temporary fencing measures put in place to ensure livestock are excluded and permanent fence repairs can be completed; and Within 28 days: Repairs to fencing undertaken to achieve a koala-friendly livestock-proof standard.
Anticipated term	Duration of the active management period (10 years).
Responsibility	❖ Landowner (QTFN)

Appendix 3. Photos of weed transects

2019 2024

Transect 04





Transect 06





2019 2024

Transect 38





Transect 39





2019 2024

Transect 41





Appendix 4. Table 3.3 Habitat connectivity from the Offset Area Management Plan

Table 3.3 Habitat connectivity from the Offset Area Management Plan EPBC 2015/7628, QTFN 2023, version 3, pp. 16-17

Attribute	Habitat connectivity			
Outcome	 Maintain contiguous landscapes to allow koalas to establish new territories, facilitate gene flow and respond to environmental changes. Achieve good connectivity with the neighbouring offset property also owned by QTFN. Contribute to koala movement and dispersal through the Flinders Karawatha corridor. 			
Actions	 Retain all vegetation in remnant and mature regrowth areas except where necessary for the removal of weeds, to establish and maintain fencing around the offset area perimeter, establish and maintain fire breaks/trails as per Offset Area Bushfire Management Plan, or to reduce or remove health and safety risk to person and/or infrastructure. Implement a revegetation program in the cleared areas using best practice techniques using tree and shrub species representative of the pre-clearance Regional Ecosystem including koala food and shelter trees (see Appendix B for proposed species list). Legally secure the offset area. No livestock will be allowed on the offset area. 			
Performance Indicators	Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.			
Monitoring	Monitor for any (illegal) clearing in the area (highly unlikely) or any natural events that might impact on habitat connectivity.			
Reporting	 Submit all annual Offset Area Assessment Reports to DoE on an annual basis. Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au 			
Corrective action	Report any suspected illegal clearing to the Queensland Department of Environment and Heritage Protection (now Queensland Government Department of Environment Science and Innovation).			
Anticipated term	Duration of the active management period (10 years).			
Responsibility	❖ Landowner (QTFN)			

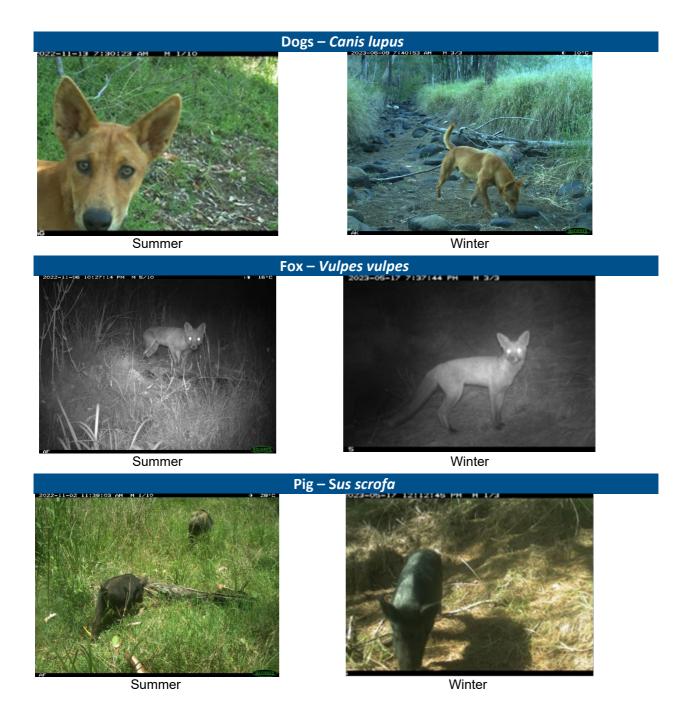
Appendix 5. Table 2.4 Threat to koala from feral animal attach from the Offset Area Management Plan

Table 2.4 Threat to koala from feral animal attach from the Offset Area Management Plan EPBC 2015/7628, QTFN 2023, version 3, pp. 18-19

Attribute	Attack by (feral) animals				
Outcome	Reduced risk of koala mortality or injury by feral animal attack within the offset area through reduction in the abundance of feral animals.				
Actions	 Conduct a baseline survey to establish feral animal abundance and location on the property. This can be undertaken through the use of remote motion-activated cameras and/or identification of scats. Implement a property-wide feral animal control program. The control program and techniques (trapping, baiting, shooting) will be informed based on the results of the abundance surveys. Where practical, and to increase the effectiveness of a control program, the landholder will seek to coordinate control programs with comparable activities being undertaken by neighbouring landholders. Conduct follow-up monitoring and implement further control efforts if feral animals recur on the property. Implement adaptive management techniques if initial control techniques are not working effectively. Install appropriate hazard signage informing that the offset area is under feral control. Council is to be engaged to work towards the objectives of the offset property, specifically in regard to prohibiting dog and cat ownership on the property. Set-up a community engagement program including but not limited to interpretive signs, fact sheets and community presentations with the aim to raise community awareness and encourage responsible pet ownership. 				
Performance Indicators	 Successful reduction of feral animal abundance. No dog threat present. A significant reduction in feral cat and fox populations (if shown to be originally present). No records of injury and/or death to koala relating to feral animal attacks recorded from within the offset area. Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999 				
Monitoring	 Monitoring of the presence of feral pest animals through the use of remote motion-activated cameras; Survey the site every six months to record the presence/absence of signs of feral animals (sightings, killings and/or scats and tracks). Establishment and maintenance of register documenting injured/killed koalas and any observed koala/feral animal interactions. 				
Reporting	 Annual report to include all feral animal survey data. Annual report to include all records of koala injury or death related to feral animal attacks. Submit all annual Offset Area Assessment Reports to DoE on an annual basis. Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au 				
Corrective action	 Should the initial and ongoing wild dog control measures not result in a reduction of wild dog numbers (compared to baseline survey), feral control program to be expanded/adapted to improve outcomes. Any incidence of koala injury/mortality resulting from feral animal attack will initiate supplementary monitoring and control measures. In the event that a koala is found injured, transport immediately to a local vet, or suitably qualified and experienced wildlife carer. 				
Anticipated term	Duration of the active management period (10 years).				
Responsibility	❖ Landowner (QTFN)				

Appendix 6. Images from wildlife monitoring cameras

Images from wildlife monitoring cameras



Appendix 7. Table 3.5 Threat to koala from vehicle strike from the Offset Area Management Plan

Table 3.5 Threat to koala from vehicle strike from the Offset Area Management Plan EPBC 2015/7628, QTFN 2023, version 3, pp. 20-21.

Attribute	Koala injury or mortality due to vehicle strike		
Outcome	Reduced risk of koala mortality or injury due to vehicle strike within the offset area		
Outcome	and the roads leading up to the offset area.		
	Installation of koala awareness signage on Mount Flinders Road to inform traffic in		
	both directions of presence of koalas in the area* within 6 months of offset area		
	being legally secured.		
Actions	Implementation of a slow speed requirement (40km/h) for vehicles traversing the		
	offset area.		
	Installation of slow speed signage at the main entry points to the offset area.		
	*Note: Action is subject to approval from Scenic Rim Regional Council.		
	No koala mortalities from vehicle strike within the offset area.		
Performance	 Offset area is legally secured as an area of High Conservation Value under section 		
Indicators	19F of the Vegetation Management Act 1999.		
	Record any observed koala injury/mortality on roads/tracks within the offset area		
Monitoring	or Flinders Road.		
	Report any koala injuries/deaths to Local Government authority (e.g. Scenic Rim		
	Regional Council) and relevant State Government department (e.g. currently the		
	Department of Environment and Heritage Protection)		
Reporting	Incidents to be recorded in annual Offset Area Assessment Report.		
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.		
	Submit all annual Offset Area Assessment Reports and any records of non-		
	compliance to DoE via email to PostApproval@environment.gov.au		
	In the event that a koala is found injured, transport immediately to a local vet, or		
Corrective action	suitably qualified and experienced wildlife carer.		
	Duration of the active management period (10 years).		
Anticipated term			
	Landowner (QTFN)		
Responsibility			

Table 3.6 Threat to koala via barriers to dispersal from the Offset Area Management Plan 2015/7628, QTFN 2023, version 3, pp. 22-23.

Attribute	Barriers to Dispersal		
recribate	 Maintain and improve contiguous landscapes to allow koalas to establish new 		
	territories, facilitate gene flow and respond to environmental changes.		
	 Contribute to koala movement and dispersal through the Flinders Karawatha 		
	through the establishment of a protected habitat corridor.		
	 Establish self-sustaining vegetation resembling the pre-clearance Regional 		
	Ecosystem/s present on the site in the currently cleared areas (excluding potential		
	future infrastructure footprints and gazetted roads). Reduction of weed cover that impacts on koala movement across the site and could		
Outcome	Provide the provid		
	adversely affect the structural composition of the koala habitat.		
	Retain and enhance where possible the structure and floristic diversity of canopy		
	vegetation in vegetation surrounding offset area.		
	Retain and enhance the structure and floristic diversity of middle and understory		
	vegetation in vegetation surrounding offset area.		
	Ongoing preservation and recruitment of koala food and shelter trees.		
	Retain all vegetation in remnant and mature regrowth areas except where		
	necessary for the removal of weeds, to establish and maintain fencing around the		
	offset area perimeter and/or property boundary, establish and maintain fire		
	breaks/trails as per Offset Area Bushfire Management Plan, or to reduce or remove		
	health and safety risk to person and/or infrastructure.		
	Implement a revegetation program in the cleared areas using best practice land		
	management techniques using tree and shrub species representative of the pre-		
	clearance Regional Ecosystem including koala food and shelter trees (see Appendix		
	B for proposed species list).		
	 Conduct baseline weed density survey within six months of the offset area being 		
	legally secured.		
Actions	Implement a property wide weed management plan, with a particular focus on		
	weeds declared under the Land Protection (Pest and Stock Route Management)		
	Act 2002, as well as weeds with potential to impact on koala movement and		
	structural vegetation composition (mainly Lantana camara).		
	Legally secure the offset area.		
	Domestic livestock will be only be introduced in the event that a fire risk		
	professional (e.g. representative of Queensland Rural Fire Service) and a suitably		
	qualified environmental scientist deem that conditions are not suitable for an		
	ecological burn and that grazing is appropriate to manage a high level of fire risk.		
	Level of risk (and any need to repeat this grazing cycle) is to be re-assessed by the		
	aforementioned professionals following the grazing event.		
	A self-sustaining ecosystem is established on the currently cleared areas resembling		
	pre-clearance Regional Ecosystems with koala food and shelter species present.		
	During the establishment phase a minimum plant survival rate of 85% is required.		
	Average canopy tree height in cleared areas exceeds one metre at end of year one,		
	two metres at end of year two and four metres at end of year four.		
Performance	 Average canopy tree cover (foliar projective cover) in cleared areas exceeds 50% of 		
Indicators	site at end of year three and 75% at end of year five.		
	Declared weed cover is reduced across the property, and weeds are not impacting		
	on the movement of koalas across the site and not negatively impacting on		
	recruitment of koala food and shelter trees.		
	 Offset area is legally secured as an area of High Conservation Value under section 		
	19F of the Vegetation Management Act 1999.		

Attribute	Barriers to Dispersal
	Undertake Tertiary Vegetation Condition Assessments at year 5 and 10.
	Undertake annual weed survey (during spring or summer to optimise weed detection).
Banitovina	Undertake revegetation planting survival counts at three months and 12 months post planting.
Monitoring	Undertake revegetation area tree growth (height and cover) monitoring at 12 months, 24 months and 48 months post planting.
	Conduct photo monitoring on an annual basis.
	If livestock are kept on the balance of the property, offset area fencing to be monitored on a monthly basis.
	Monitoring results to be recorded in annual Offset Area Assessment Report.
D	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
Reporting	Submit all annual Offset Area Assessment Reports and any records of non-
	compliance to DoE via email to PostApproval@environment.gov.au
	If survival counts indicate less than 85% survival, replanting and/or in-fill planting to be carried out.
	If tree height and foliar projective cover monitoring indicate tree growth less than
	performance indicators, implement additional weed control, fertiliser, amelioration
	or other management actions necessary to stimulate tree growth.
	If annual weed survey indicates weed cover is not reduced since previous survey, weed control program to be expanded/adapted to improve outcomes.
Corrective action	If livestock are kept on the balance of the property and livestock-proof fencing is breached:
	Within 7 days: Livestock will be removed from offset area and temporary fencing
	measures put in place to ensure livestock are excluded until permanent fence repairs can be completed
	Within 28 days: Repairs to fencing undertaken to achieve koala-friendly livestock- proof standard
Anticipated term	Duration of the active management period (10 years).
Responsibility	❖ Landowner (QTFN)

Appendix 9. Table 3.7 Threat to koala habitat through fire from the Offset Area Management Plan

Table 3.7 Threat to koala habitat through fire from the Offset Area Management Plan EPBC 2015/7628, QTFN 2023, version 3, pp. 23-24.

Attribute	High intensity fire			
	Minimise the risk of high-intensity fire within the offset area.			
Outcome	Minimise the risk of koala mortality within the offset area due to prescribed burning.			
	Develop an Offset Area Bushfire Management Plan within six (6) months of the offset			
	being legally secured, for the purpose of protecting the offset area from high intensity			
	wildfires as well as for conducting ecological burns with the aim to enhance biodiversity			
	in line with the Regional Ecosystem Description Database fire management guideline.			
	The Bushfire Management Plan will be prepared by a suitably qualified professional and			
	will detail: current vegetation condition and fire risk, locations of current and required			
Actions	firebreaks and fire control lines, current fuel loads, recommended actions and			
	timeframes for maintenance of bushfire risk within the context of the adapted Regional			
	Ecosystem Description Database guidelines and biodiversity outcomes sought for the			
	offset area.			
	Install firebreaks and fire trails (access tracks).			
	Prescribed burning will be undertaken in consultation with, and under the guidance of			
	the Queensland Rural Fire Brigade and in compliance with the Fire and Emergency			

Attribute	High intensity fire
	Services Act 1990.
	Inspect firebreaks and access tracks, undertake any maintenance required to achieve
	compliance with Offset Area Bushfire Management Plan.
	Domestic livestock will be only be introduced in the event that a fire risk professional
	(e.g. representative of Queensland Rural Fire Service) and a suitably qualified
	environmental scientist deem that conditions are not suitable for an ecological burn and
	that grazing is appropriate to manage a high level of fire risk. Level of risk (and any need
	to repeat this grazing cycle) is to be re-assessed by the aforementioned professionals
	following the grazing event.
	 Fuel levels and burning regime maintained in accordance with Offset Area Bushfire
	Management Plan.
Performance	Vegetation composition not negatively affected by fire regime.
Indicators	 Offset area is legally secured as an area of High Conservation Value under section 19F of
	the Vegetation Management Act 1999
	To be informed by the Offset Area Bushfire Management Plan
Monitoring	
	 Offset Area Bushfire Management Plan will be prepared within 6 months of the offset
	area being legally secured.
	Report on prescribed burn results (area covered, any potential negative impact,
	intensity of burn, learnings)
	Report any high intensity (wildfire) to the relevant authorities and report on any impact
Reporting	on the offset area.
	Monitoring results and maintenance log will be detailed within the annual Offset Area
	Assessment Report.
	Submit all annual Offset Area Assessment Reports to DoE on an annual basis.
	Submit all annual Offset Area Assessment Reports and any records of non-compliance
	to DoE via email to PostApproval@environment.gov.au
	If a wildfire occurs in the area, the following actions will be taken by the landowner:
	 Activate Offset Area Bushfire Management Plan Emergency Response
Corrective	Stay informed through the Rural Fire Service.
action	Be prepared to engage in fire control.
	Repair any fire breaks and access tracks
Anticipated term	Duration of the active management period (10 years).
Responsibility	❖ Landowner (QTFN)

Appendix 10. Table 3.8 Threat to koala and habitat from disease and pathogens from the Offset Area Management Plan

Table 3.8 Threat to koala and habitat from disease and pathogens from the Offset Area Management Plan 2015/7628, QTFN 2023, version 3, pp. 26-27.

Attribute	Introduction or spread or disease or pathogens			
	Reduce risk of the spread of koala and vegetation diseases and/or pathogens within the			
Outcome	offset area and adjacent areas of koala habitat.			
	Third party contractors do not enter site-carrying pathogens.			
	Baseline offset area condition survey is to include assessment for signs of <i>Phytophthora</i>			
	cinnamomi and Myrtle Rust and is to be undertaken within 6 months of legal securing of			
Actions	offset area.			
	To reduce the risk of introducing Chlamydia and Koala retrovirus into the resident			

Attribute	Introduction or spread or disease or pathogens
Attribute Actions	population; uncontrolled translocation of koala is not permitted within the offset area. In the event that regulator-approved translocation of koala is proposed onto the site, the animal(s) is to be assessed by a veterinarian prior to introduction. Vegetation management activities, which include tree lopping/felling, weed removal, tree planting (including nursery suppliers) are deemed to be high risk in the context of introducing pathogens that may potentially impact koala habitat. As such, any person engaged to undertake these activities must satisfy the landholder that they have undertaken all reasonable steps to prevent the introduction of a pathogen/disease to the site (e.g. vehicle and equipment wash-down prior to site entry).
	 Enforce biosecurity procedures for all persons and vehicles that may carry vegetation pathogens known to affect koala food and shelter trees. Monitor the neighbouring habitat in order to identify disease occurrence. Implement measures such as myrtle rust control in revegetation stock. Certification of nursery, inspection of planting stock, quarantine/destruction of contaminated material,
Performance Indicators	 sterilisation of planting equipment and vehicles/wheel washes. Incidence of koala feed trees exhibiting disease does not increase within the offset areas, based on comparison to baseline vegetation health assessment. Regulator approved translocations of koala are assessed by a veterinarian as being free from disease. Offset area is legally secured as an area of High Conservation Value under section 19F of the Vegetation Management Act 1999.
Monitoring	 Incidence of koalas exhibiting disease to be recorded during any monitoring events within the offset area. Monitor the neighboring habitat in order to identify disease occurrence at least once per annum.
Reporting	 Baseline data concerning observations around koala and koala habitat diseases and pathogens is to be documented within initial annual Offset Area Assessment Report. Confirmation of koala translocation activity within the offset area (if approved) is to be included within annual Offset Area Assessment Reports.
Reporting	 Incidence of koalas exhibiting symptoms of disease to be reported within annual Offset Area Assessment Report. Submit all annual Offset Area Assessment Reports to DoE on an annual basis. Submit all annual Offset Area Assessment Reports and any records of non-compliance to DoE via email to PostApproval@environment.gov.au
Corrective action	 Should there be an increase in trees exhibiting disease symptoms and/or evidence of vegetation dieback (as noted during annual offset area assessments) the following corrective actions will take place Review of the efficacy of current biosecurity measures; Review of plant stock/management services suppliers (if applicable) should it be suspected plant pathogens have been introduced via external sources.
Anticipated term	 Duration of the active management period (10 years).
Responsibility	 Landowner (QTFN)

Appendix 11. Koala management and rescue protocol

KOALA MANAGEMENT AND RESCUE PROTOCOL QTFN-KC-010115

If injured or orphaned koalas are found, note its condition and location and contact the following emergency phone number:

- Ipswich Koala Protection Society (IKPS) operate two 24/7 ambulances
- RUTH LEWIS -

IKPS is licenced with Department of Environment and Science (DES) to care for injured and orphaned wildlife, specialising in koala rescue and rehabilitation. They have appropriate facilities and members who are appropriately skilled and have access to reliable sources of a variety of recognised koala food tree species and an ability to collect it.

Other wildlife emergency numbers:

- RSPCA Qld on 1300 ANIMAL, 1300 264 625. RSPCA will usually refer calls to IKPS.
- Australia Zoo Wildlife Hospital 1800 33 43 50. Based on the Sunshine Coast.

SYMPTOMS OF SICK OR INJURED KOALAS

- Puffy or inflamed eyes, which may have a crust or a weepy discharge surrounding them;
- Dribbling saliva from the mouth;
- Fur that appears constantly wet or matted;
- A dirty tail with brown staining;
- Weakness or unusual behaviour;
- Remaining in the same tree for more than a few days;
- Sitting on the ground or very low down in a tree and not moving when approached. (This may indicate that the animal is too weak to climb);
- Not using all four limbs normally while walking or climbing;
- Very skinny and emaciated appearance;
- Signs of trauma such as cuts or blood on fur.

Signs of a dog attack could be wet, matted fur from the dog's saliva, and bleeding. Because koalas have very little fat under their skin, their internal organs can be easily punctured by the sharp teeth of a dog even though there may be very little damage to the skin surface, so it is very important that the animal is assessed by a vet or carer if a koala is found that is suspected to have been the victim of a dog attack.

PROTOCOL FOR ROAD INJURIES OR DOG ATTACKS

Follow the instructions below for road injuries in handling sick or orphaned koalas or koalas which have been attacked by dogs or injured in some other way. However, unless the koala is in immediate danger, it is better to leave it to the experts to catch it if they think it necessary.

For road injuries:

- Pull off the road safely. If possible, phone the IKPS for instructions.
- Make sure it is safe before you go onto the road to attend to the animal. Stop any traffic if necessary.
- Approach the animal carefully from behind.
- Place a sack, blanket, towel or box over the koala, enclosing its arms and head. Remember, the koala is
 frightened and has very sharp claws, so be careful. Injured or orphaned animals need immediate dark, warmth
 and quiet. They may never have been touched by humans and any stress can cause further injury and death
 from shock. Also you may be injured.

- Move the animal to a safe place away from any traffic.
- Handle the koala as little as possible and keep the environment quiet. Keep it contained until help arrives or you
 get it to a Vet or carer.
- Keep people and dogs away from the animal. Do not allow people to peek at or touch it.
- Do not try to feed the koala or give it anything to drink.

PROTOCOL FOR DEAD KOALAS

The information on the death of a koala is valuable to record, and samples from these koalas can contribute to research. IKPS will collect dead koalas as well as sick/injured/orphaned. Accurate records can and have made significant impacts and changes to the future conservation and protection of koala habitat. IKPS collects and records data, statistics and produces mapping of koala habitat and populations.

Look for ear tags which may have been placed by wildlife authorities or researchers so they can be notified of the death. Collect all relevant information, where possible, such as location, cause of death, date, sex and age of koala (age can only be determined by looking at teeth – this is done postmortem).

Samples can be made available for research, where possible. All koalas should be necropsied where cause of death is not positively known. An option that can possibly be utilised is calling the Moggill Koala Rehabilitation Centre, Moggill Koala Rehabilitation Centre is involved in ongoing koala research alongside The University of Queensland researchers and scientists. Australian Zoo Wildlife Hospital on the Sunshine Coast (1800 33 43 50) also conducts necropsies.

Always check in the pouch of a dead female koala for the presence of a joey which may have survived. Call one of the wildlife emergency phone numbers and ask for instructions on what to do. If not able to contact someone, follow the procedure below:

- If the joey is still attached to the teat, do not remove it as you may cause injury to the joey. Take the dead mother and joey to a vet, or carer as soon as possible.
- If the joey is not attached, gently remove it from the pouch and wrap it in a towel or article of clothing and place it somewhere warm, such as under your jumper. (Very young joeys rely on their mother's body heat for warmth.) Alternatively use a warm hot water bottle or a plastic bottle filled with warm water. Use warm, not hot, water and cover the bottle with a jumper or other fabric so that you do not overheat or burn the joey. A backpack lined with soft towels or fabric is a good way to transport the infant.
- Handle the infant as little as possible and do not let other people peek at it or handle it. Remember, these tiny
 infants can die very easily from stress and noise.
- Do not give the joey anything to drink. Young Koalas need a specialised diet and feeding the wrong formula could cause the infant to die.
- Get the joey to a vet or carer as soon as possible (Contact IKPS as soon as possible.)

RECORD KEEPING

All koalas observed on the property will be recorded. Information to be collected includes date, time, GPS location, type of tree, condition of koala, sex if known and behaviour.

Copies of records will be provided to the Moggill Koala Rehabilitation Centre, State Government database, WildNet, and to the Ipswich Koala Protection Society on a regular basis.

Appendix H

EPBC Approval 2015/7628 Condition 2b-Legal Security of Offset Site Notification to DAWE





23 July 2020

Department of Agriculture, Water and the Environment Environmental Audit Section EPBCmonitoring@environment.gov.au

Dear Mr Sean Mitchell,

EPBC 2015-7628 CORRESPONDENCE

Thank you for your time early this week to discuss the Department's provision of a warning letter for a minor non-compliance of the conditions for approval 2015-7628. We would like to acknowledge the Departments consideration of this matter to date. We are however writing to respectfully request that the formal warning be removed from our environmental record for the reasons outlined below:

- We self-nominated the minor non-compliance with condition 2b of our approval, being late by at most 6 business days based on the following events and dates:

22nd August 2019 Queensland Trust for Nature registered the Voluntary Declaration
26th September 2019 Sunders Havill Group notified the Department on behalf of Frasers

Property Australia's (26 business days after registration)

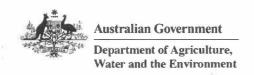
- The action had not, and has not, commenced and there are no adverse impacts to protected matters or consequence of the non-compliance (the offsets are in fact being procured well in advance of the action).
- Frasers Deebing Heights Pty Ltd, and its parent company, has an industry leading commitment and track record to sustainability and the environment. Our record with the Department is also unblemished and we request that such a minor administrative error should not result in this being tarnished (by recording the warning).

We very much appreciate the Department considering this request to remove the warning from our record. If required, we would welcome the opportunity to discuss this matter, or our wider actions and compliance in relation to our approval further. I can be contacted by phone on

Yours sincerely

Ryan McDade Development Director

On behalf of Frasers Deebing Heights Pty Limited



Our reference: 2015/7628

Email: EPBCmonitoring@environment.gov.au

Mr Ryan McDade Frasers Deebing Heights Pty Ltd Frasers Property Australia Level 3, 154 Melbourne Street, South Brisbane QLD 4101

Dear Mr McDade

Contravention of Environment Protection and Biodiversity Conservation Act 1999 for EPBC 2015/7628

As you are aware, on 16 July 2020 the Department of Agriculture, Water and the Environment (the Department) issued a formal warning to Frasers Deebing Heights Pty Ltd, for a contravention of section 142 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act); specifically a breach of condition 2b attached to the EPBC 2015/7628 approval.

Section 142 of the *Environment Protection and Biodiversity Conservation Act 1999* requires an approval holder to comply with conditions attached to an approval. Penalties may apply to approval holders who contravene conditions.

The Department has considered the mitigating factors raised in your correspondence of 23 July 2020, noting that; the action had not, and has not, commenced and there are no adverse impacts to protected matters as a consequence of the non-compliance.

The Department's position that a contravention of condition 2b occurred has not changed, however, the Department agrees that upon review a formal warning is not warranted. You may consider the formal warning rescinded, furthermore the Department considers this matter closed with no further action.

Please note that this matter will still be recorded as a breach of conditions with no further action, and may be considered in any future dealings with the Department in relation to the Act and environmental matters.

Should you have any questions regarding this matter please contact Sean Mitchell on,

Yours sincerely

Tom Long

Assistant Director (a/g)

Environmental Audit Section

77 July 2020

Appendix I

Baseline Koala Assessment Report (2019)





KOALA CROSSING BASELINE KOALA ASSESSMENT FOR OFFSET EPBC 2015/7628

569 MTFLINDERS ROADPEAK CROSSING

Year 0 (Baseline): August 2019



Document Control

Current document

Title Koala Crossing Offset Area Management Report Year Zero Baseline

EPBC 2015/7628

Date August 2020

Prepared by Georgina Braun

Document Issue			
Issue	Date	Prepared by	Checked by
Draft v1	13/08/2020	Georgina Braun	Felicity Shapland QTFN
Draft v2	19/08/2020	Georgina Braun	Andrew Davies – Saunders Havill Group
Final	21/08/2020	Georgina Braun	Felicity Shapland QTFN

Disclaimer

This report has been prepared for EPBC 2015/7628 by the Queensland Trust for Nature. QTFN cannot accept any responsibility for any use of or reliance upon the contents of this report by any third party.

Reports and/or Plans by Others

Reports and/or plans by others may be included within this Offset Area Management Report to support the document.

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Supporting documents referred to within this document

- Offset Area Management Plan
- Approval Conditions

SECTION 1: INTRODUCTION

By way of Deed, Frasers Deebing Heights Pty Ltd secured delivery of an Offset Area Management Plan and registration of a Voluntary Declaration (under the Vegetation Management Act (QLD) of 173.53ha imposed by EPBC Approval 2015/7628.

The purpose of this document is to provide a baseline assessment to inform and assess the management actions and outcomes required for the provision of koala (*Phascolarctos cinereus*) habitat offset, by Approval EPBC 2015/7628 issued pursuant to sections 130 and 133 of the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC 1999).

This report provides a summary of past assessments, and an updated abundance and food tree assessment for populations of the threatened Koala (*Phascolarctos cinereus*) occupying the EPBC 2015/7628 portion of Queensland Trust for Nature's Koala Crossing Reserve. The report will also provide a property wide assessment of non-native predator activity.

Koala crossing represents a 652ha site near Peak Crossing in south-east Queensland, which comprises multiple lots. The property is managed for the conservation of koalas at a whole- of-property scale but monitoring and reporting is conducted independently in each offset. The results presented here are centered around areas managed under EPBC 2015/7628 (contextualised within the broader patterns at a whole-of-property scale).

This report is the first submitted to date since the approval date for the offset (EPBC 2015/7628) on the 16th of October 2018, and legally securing the offset site on the 22nd of August 2019. The future reporting requirements are listed below.

Milestone	Due date	Status	
Approval of EPBC 2015/7628	-	Approved 16 th October 2018	
Legally secure Offset Site	Prior to commencement of the action	Secured 22 nd August 2019	
Year 0 - Baseline Commencement of the action	August 2020	Submitted 21st August 2020	
Year 1	12 months post commencement of the action.	Awaiting commencement of the action.	
Year 2 Year 3 Year 4			
Year 5 – intensive year review Year 6 Year 7 Year 8 Year 9 Year 10 – Final year			

1.1 SUMMARY OF COMPLIANCE

This document stands as a baseline compliance report for condition 2c (Table 1) outlined in the EPBC 2015/7628 Offset Area Management Plan and final approval conditions. Baseline data will form the framework for assessing compliance against approval conditions 2d-f (Table 1).

It is acknowledged that any non-compliance with the conditions must be reported by no later than 2 business days after becoming aware.

Table 1. Compliance summary of approval conditions, relevant for this baseline reporting period.

Approval Condition	Compliant
2a Prior to commencement of the action, legally secure the offset site.	YES
2b Within 20 business days of legally securing the offset site, provide the	YES
Department with evidence of when and how it was legally secured, and a	
shapefile of the offset site.	
2c within one year of legally securing the offset site, complete and provide the	YES
Department with the results of	
I. Baseline koala density survey	
II. Baseline koala food trees survey	
III. Baseline survey of non-native koala predators	
2d within nine years of the date the baseline koala density survey was completed, demonstrate that a statistically significant increase in koala density over the entire offset site, compared to the baseline determined by the baseline	Ongoing
koala density survey, has been achieved and maintained for at least two consecutive years. 2e Within seven years of the date the baseline koala food trees survey is completed, demonstrate achievement of ongoing recruitment of koala food trees over the entire offset site, compared to the baseline determined by the baseline koala food trees survey	Ongoing
2f Demonstrate a reduction, maintained for 10 consecutive years from the date the baseline survey of non-native koala predators is completed, in the number of non-native koala predators over the entire offset site, compared to the baseline determined by the baseline survey of non-native koala predators.	Ongoing

1.2 SETTING AND LOCALITY

The offset area pertaining to EPBC 2015/7628 is managed as part of a larger conservation property located on Mount Flinders Road, Peak Crossing, Queensland. It is comprised of eight lots; 86, 87, 88, 89 on RP892014, Lot 119 on CH311527, Lot 107 on CH311135, Lot 137 on CH311786 and Lot 138 on CC127 totalling approximately 654 ha. The whole site, henceforth referred to as 'Koala Crossing', was purchased by the Queensland Trust for Nature (QTFN) in 2014 to protect regrowth vegetation from future development, with the aim of utilising the property for offsets.

The tenure of the site is freehold, wholly owned by the Queensland Trust for Nature. It is included within the Scenic Rim Regional Council Local Government Area. On a regional scale, the site is part of the Flinders Karawatha Corridor, the largest remaining contiguous stretch of open eucalypt forest in South East Queensland (SEQ) (EHP 2014). The corridor stretches for 60km from the Karawatha forest in Brisbane, through Flinders Peak to Wyaralong Dam near Boonah, and encompasses 56,350 ha of land. It is an important wildlife corridor, providing habitat for a number of vulnerable species including the tusked frog (*Adelotus brevis*), glossy black-cockatoo (*Calyptorhynchus lathami*), powerful owl (*Ninox strenua*),black-breasted button-quail (*Turnix melanogaster*), spotted-tailed quoll (*Dasyurus maculatus maculatus*), brush-tailed rock-wallaby (*Petrogale penicillata*) and koala (*Phascolarctos cinereus*).

Climate data for the area gives a mean maximum and minimum temperature of 27.4°C and 12.8°C respectively. The average annual rainfall is 760mm with the wettest month in December and the driest month in August (BoM 2019). The site contains four Regional Ecosystems (REs):

- 12.8.24 Endangered: *Corymbia citriodora subsp. variegata* open forest on Cainozoic igneous rocks especially trachyte
- 12.9-10.7 Of concern: *Eucalyptus crebra* +/- *E. tereticornis*, *Corymbia tessellaris*, *Angophora spp*, *E. melanophloia* woodland on sedimentary rocks
- 12.9-10.2 Of least concern: Corymbia citriodora subsp. variegata +/- Eucalyptus crebra open forest on sedimentary rocks
- 12.9-10.17 Of least concern: *Eucalyptus acmenoides*, *E. major*, *E. siderophloia* +/- *Corymbia citriodora subsp. variegata* woodland on sedimentary rocks

The highest point of the site is 210m above sea level on the eastern side, close to the border of lots 86 and 87 RP892014. The Geological Survey of Queensland 1:100,000 Ipswich Geological Map (DME 2008) lists the geology as:

- Qa SEQ: Quaternary; clay, silt, sand, gravel, flood plain alluvium
- Tit SEQ: Tertiary: trachyte (anorthoclase and riebeckite trachyte)
- Jbmk: Jurassic; lithofeldspathic labile and sublabile to quartzose sandstone, siltstone, shale, minor coal, ferruginos oolite marker
- Jbmg: Jurassic; lithic labile and feldspathic labile sandstone

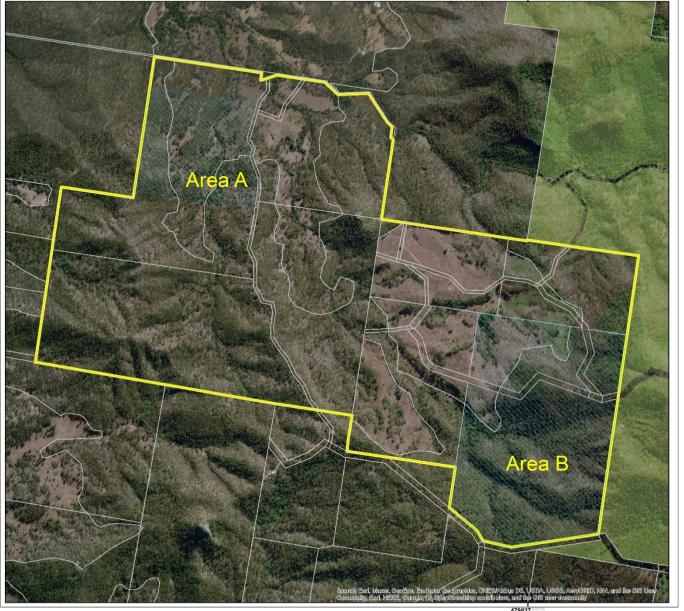
1.3 EPBC 2015/7628 OFFSET AREA ATTRIBUTES

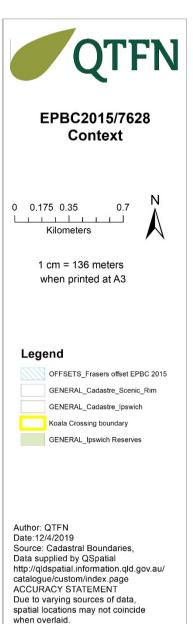
The EPBC 2015/7628 offset area contains two parcels within the Koala Crossing property: area A in the west and area B in the east (Map 1). The vegetation composition and land use history for each parcel is different and is to be considered when assessing baseline datasets.

Area A, and its direct surroundings is typical of 30-year-old mature eucalypt regrowth (RE 12.9-10.2/12.9-10.7), previously cleared for cattle grazing purposes.

Area B is typical of remnant vegetation in the south east and higher elevation, supporting the endangered regional ecosystem 12.8.24. In addition, the lowlands of the north east portion are cleared and in early stages of new growth. The surrounding vegetation is consistent with cleared pasture and new growth on Koala Crossing, and remnant vegetation on the eastern border of the property.

Reference to these offset sub area specific trends are made throughout the report below, to provide accurate baseline assessments.





SECTION 2: BASELINE ASSESSMENT METHODS

2.1 KOALA OCCURENCE

Baseline koala density was assessed between 2019 and 2020.

Scat survey method

Systematic scat searches were conducted across the offset site using the methods presented in Fitzgibbon & Ellis (2015). This method is an approach based on the Koala Rapid Assessment Method (Woosnam-Merches et al. 2012), a modification of the Spot Assessment Technique (SAT) search method first outline by Phillips and Callaghan (2011). Herein, koala scat searches are referred to as SAT surveys.

Surveys were led by QTFN ecologists with relevant qualifications and experience and supported by UQ undergraduate students. A minor modification was made to Fitzgibbon & Ellis (2015) method, following the author's recommendation. In previous studies thirty trees were assessed at each site, however sites that contained koala scat at Koala Crossing were confirmed within the eleventh tree (and always by the thirteenth tree). Therefore, under suggestion by Fitzgibbon & Ellis (2015) 15 trees were surveyed within each survey site.

At each site, a central tree was chosen at random. The area (1m) around the base of this tree and the nearest 14 trees (with a diameter at breast height >10cm) was searched for koala scat for 2 minutes each tree. Visual surveys for koalas were made at each site where fresh scat was found.

Twelve survey sites are within the EPBC 2015/7628, five in area A and seven in area B, outlined below.

Vegetation clearing code	RE	Number of sites	
B – Remnant	12.8.24	5	
C- Regrowth	1210.2/12.9-10.7	5	
X – cleared	-	2	

Condition 2d specific to action under EPBC 2015/7628 states that within nine years of the date of the baseline Koala density survey, demonstrate that a statistically significant increase in koala density over the entire offset site, has been achieved for at least two consecutive years.

It is difficult to accurately calculate and monitor changes in koala density due to the cryptic nature of the species, the low density in which they regionally occur and specific to this report, the size of the offset area (Woosnam-Merchez et al. 2012).

Regional koala density models have demonstrated a range of koala density from 0.04/ha to 6.54ha in South East Queensland using direct observation survey methods (Rhodes et al. 2015). The Ipswich region, of which this offset area lies, supports the lowest density of koalas in the region (0.04/ha). Additionally, the broad vegetation group typical of the offset area (BVG10b, *Corymbia citriodora* dominated forest on low fertile

soils) is classified as low-quality koala habitat. Lastly, previous koala monitoring efforts within Koala Crossing and the neighbouring property have concluded the area is a low-density koala population (Fitzgibbon, et al 2017). For these reasons, calculating density using the direct observation method is likely to yield very low numbers with no significant changes and not accurately portray koala activity and habitat use within the offset area.

This baseline report will provide the foundation for future statistical analyses of koala density relevant to condition 2d as follows. To ascertain whether there has been a statistically significant increase or decrease in koala abundance across each offset area, QTFN recommends that density be inferred by two habitat utilisation metrics: occupancy and activity within occupied sites derived by SAT search methodology. This will demonstrate where koalas are present within the offset area, how intensively they are using that area and how the habitat is used over time.

Density within a given area is contingent on population dynamics, landscape configuration and disturbances within the broader area (Phillips & Callaghan 2011), all of which are not managed under the offset agreement. Therefore, specific to this offset, SAT occupancy and activity levels would better provide context to the location-specific habitat utilisation and accurately demonstrate an increase or decrease in koala density.

A higher occupancy and activity will indicate an increase in koala density within the offset area.

Metric 1 – OCCUPANCY – the % of sites searched that contained koala scat, i.e. how many locations that had evidence of koalas using them.

Estimating the occupancy of koalas uses the percentage of sites used by a koala as evidenced by the presence of fresh scat. Whether koala scat is present or not is highly variable and contingent on the specifics of the site searched, including the individual koala that utilises the site at the time, acquired and learned preferences of those koalas, and the time-specific health of trees available within each koala's home range. As the assessment periods of this monitoring occur at 5-yearly intervals, changes between the 2019 estimates and those made in each survey period may not represent true changes in koala population density, but might rather be a product of the naturally variable nature of the system. To reduce the impact of seasonal variability on the results, koala surveys are conducted at the same time each year, and at an optimal time for recording koala occupancy at a site (March-May).

In order to account for any natural variability and avoid concluding there has been a decline or an increase, when it is likely there has not, confidence intervals will be used. Strong evidence of change in occupancy represents statistically significant differences as departures from the 95% confidence interval around the 2019 estimates.

Metric 2 – ACTIVITY – the % of trees within the offset site that contained scat, i.e. how intensely is the site is being used.

The number of trees utilised by koalas is an indication of how intensely the site is being used. For example, two sites can be considered as being occupied by koalas. However, one site may only have scat at 1 tree surveyed and the other at 12 trees surveyed. The second site resembles a more densely occupied site and/or higher activity levels. This metric considers all SAT data, including trees within unoccupied sites.

Confidence thresholds have been established to demonstrate significant deviations from the baseline. Strong evidence of change in occupancy represents statistically significant differences as departures from the 95% confidence interval around the 2019 estimates presented in this report.

Low koala activity levels are associated with low density koala populations (Phillips and Callaghan 2011), and such stable populations occur naturally in areas where there is a dominance of secondary food trees (i.e. *Corymbia citriodora*) (Table 2).

As koala populations increase, an increased percentage of trees (activity) is to be expected.

KOALA FOOD TREES

Koala food trees survey were conducted in 2019 to assess the diversity (measured as species richness), and age structure of koala food tree species across the offset area. The vegetation plots were allocated across two major regional ecosystems (12.9-10.2/12.9-10.7 dominated in area A and 12.8.24 dominated in area B) and vegetation clearing categories (cleared and vegetated as any remnant or mature regrowth) available (Table 2).

Table 2 The Regional Ecosystems (RE), their conservation status, dominant trees in each RE, and whether these trees are important food trees (I) or secondary food trees (S) recognised in populations of Koala from the Ipswich region (ICC, 2004).

RE ID	VMA class	Biodiversity status	Dominant trees	Koala food tree
12.9- 10.2	Least	No concern at present	Corymbia citriodora sub. sp. variegata	S
			Eucalyptus crebra	S
12.9- 10.7	Of concern	Of concern	Eucalyptus crebra	S
			Eucalyptus tereticornis	I
			Corymbia tessellaris	S
			Angophora spp.	-
			Eucalyptus melanophloia	-
12.8.24	Endangered	Endangered	Corymbia citriodora sub. sp. variegata	S

Twelve trees >5cm DBH were measured in each transect, chosen randomly using the point centered quarter method. The distance from the randomly allocated point to the tree was measured, with each tree identified to species level and measured for diameter at breast height. Transects were allocated across the site using randomly positioned GPS co-ordinates.

Condition 2e specific to action under EPBC 2015/7628 states that within seven years of the date of the baseline Koala food tree survey, demonstrate achievement of ongoing recruitment of koala food trees over the entire offset site, compared to the baseline.

To demonstrate whether there has been ongoing recruitment of koala food trees within the offset site, the following metric will be used.

Metric 1 –SIZE FREQUENCY – the proportion of sites with each koala food tree size category, i.e. how many sites in the offset area contain new eucalypt recruits compared to mature large trees.

All koala food trees were allocated to one of four size classes: small (<10DBH), low medium (10-28DBH), high medium (28-38DBH) and large (>38DBH), determined by the classification for a large tree specific to these regional ecosystems). Age class size delineations are derived from the smallest tree size considered suitable for koala use being 10cm DBH, the large tree size for the dominant regional ecosystem on Koala Crossing (RE 12.9-10.2) being 38cm, and intermediate classes based on tree growth rates of the dominant species (Land for Wildlife n.d.).

Demonstration of ongoing recruitment will be considered by an increase in the number of sites supporting small koala food trees, and an increase in low-medium sized koala food trees as they grow.

INTRODUCED PREDATORS AND THEIR DIETS

Feral predator abundance has been monitored on Koala Crossing using two methods since acquisition in 2015: camera trapping and scat searches.

Camera trapping

Camera trapping is performed biannually (December to January, June to July) to account for seasonal variation in predator behaviour. Camera trapping data is used to create two metrics of predator abundance: relative abundance index (RAI) and occupancy.

The home-ranges of non-native predators; dogs, foxes and cats in both peri-urban and agricultural are presented in Table 2. Operating under this assumption, we placed a network of 11 camera trapping stations that ensured coverage of the entire property (Map 2).

A property wide scale assessment was conducted to ensure that detection of predator activity is maximised, to reflect the large home ranges, and best inform management actions. For example, if a dog is seen at camera trap A within offset area A, and given a home range radius of >2km, the same individual is likely to traverse the entire property inclusive of area B and areas outside of the koala crossing property. Alternatively, a cat, with a home range of 1km, observed on camera trap F outside of the offset area, is still likely to traverse and pose a threat on the offset site. Pursuant to the Offset Management Plan, this will best inform the property wide predator control program. Regardless, specific attention will be paid to individuals observed on camera trap stations directly within the offset area.

Cameras were deployed for a 40-day trapping interval in each season, and all photos were databased, categorised and analysed using Camelot (©WildLabs, 2018), with an independence threshold of 10min.

Camera traps with territories that overlap with the EPBC 2015/7628 offset area are listed in Table 3.

Table 3. Average foraging range for three target predators ascertained from the literature (Harden 1985; Meek 1999; Meek & Saunders 2000; Molsher et al. 2005; McNeill et al. 2016), and the camera trap stations that therefore assess the RAI of each species within the EPBC 2015/7628 offset area.

Animal	Radius	Camera stations with territories that	
		overlap EPBC 2015/7628	
Dog (Canis lupus)	2 to 3km	A,B,C,D,E,F,G,H,I,J,K,L	
Cat (Felis catus)	600 to 1km	A,B,C,D,E,F,G,H,I,J,K,L	
Fox (Vulpes vulpes)	~900m	A,B,C,D,E,F,G,H,I,J,K,L	

Condition 2f specific to action under EPBC 2015/7628 states demonstrate a reduction, maintained for 10 consecutive years from the date the baseline survey of non-native koala predators is completed, in the number of non-native koala predators over the entire offset site, compared to the baseline.

To demonstrate a significant reduction in non-native predator numbers over time within the offset site, the response variable able to be used are discussed below.

Metric 1 – RELATIVE ABUNDANCE INDEX - a relative measure of abundance based on the frequency and duration of time each predator species is recorded on camera i.e. how many are there relative to survey time.

As ascertaining the exact number of individuals from camera trapping is impossible, relative indexes of abundance are a preferred way to ascertain whether the activity level of any given animal has increased or decreased (under the assumption that lower activity implies potentially lower numbers of animals, or at least lower threat of predation upon koala). To assess the activity of introduced predators for this baseline report the Relative Abundance Index (RAI) will be used—a metric calculated by Camelot and exported from the program for each 40-day trapping interval.

Estimating predator abundance using camera trapping relies on assumptions regarding how the time that elapses between photos relates to the point at which we count a new observation (i.e. is a string of photos one dingo or three). This time is called the independence threshold (from here on IT). At present, abundance estimates for all species in QTFN's camera trapping data are estimated using an IT of 10 seconds. If this threshold is too short, a string of photos of the same individual will be counted as multiple individuals (overestimation of abundance), too long and multiple individuals are counted as one (underestimation). To assess whether our current IT is appropriate we reviewed the number of seconds each individual dingo spends on camera across all sampling periods. Using the optimum IT recommended by the IT threshold assessment, RAI was calculated for each predator species.

Statistical inferences for RAI contain no variance element which limits analysis techniques for testing for a significant departure from baseline. This report will establish confidence limits for changes in predator abundance based on the baseline estimates from the summer and winter 2019 survey season. Assessments of change will consider any estimate of RAI equal to the upper baseline estimate (\pm 0.1) as no evidence of change. An estimate beyond this but within the confidence limits is a conservative evidence of change. Any estimate beyond these confidence limits, plus the standard deviation of historic dataset, is considered significant evidence of change.

Metric 2 –OCCUPANCY – the proportion of camera trapping stations at which a predator was detected i.e. how many locations that had evidence of predators in the area.

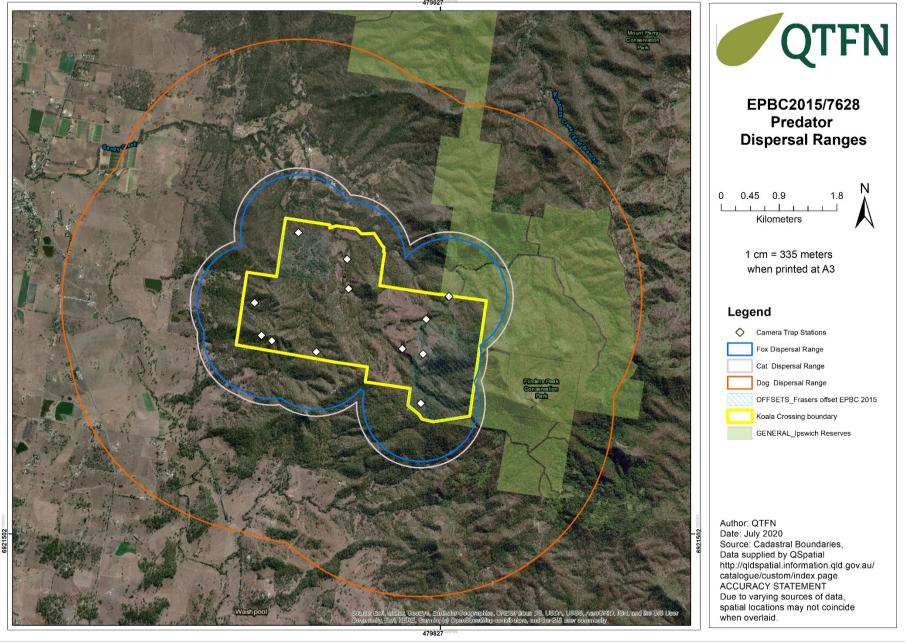
This metric focused more on the spatial concentration of predators rather than their number, and whether the hypothetical home range of any captured animal overlaps with the EPBC2015/7628 offset area.

Statistical inferences available to test for significant changes in occurrence are limited because within a site replication is impossible for each species and species movements exceed the survey area. To construct an estimate of variance around the percentage of sites where each predator occurred at baseline, data from historic predator monitoring will be used. In order to account for this and avoid concluding there has been a decline or an increase when it is likely there has not, strong evidence of change in abundance represents statistically significant differences as departures from the 2019 upper baseline estimates ±standard deviation of the historic dataset.

Supplementary scat searches

Throughout the year, predator scat is collected opportunistically across the property. In addition to opportunistic scat collection, scat is collected during bi-monthly traverses of the koala crossing property, roadsides and creeks. This search effort is in addition to the proposed six-monthly searches for evidence of predators within the offset site to be conducted within the compliance reporting period, after works are commenced on the impact site.

Scats are GPS located and collected for laboratory dietary analysis. Scat identification and dietary analysis gives an indication of species and predation trends over time but is not considered a metric in relation to accurately monitoring predator abundance.



SECTION 3: RESULTS & DISCUSSION

This section will be presented in three parts reflecting the desired elements of the baseline survey: estimates of koala abundance, estimates of koala food trees, and estimates of introduced predator abundance. In each section, results collected through this baseline survey are presented within the context of the EPBC 2015/7628 site, and in the Koala Crossing reserve generally.

3.1 KOALA OCCURRENCE SUMMARY OF PAST DATA

Koala Crossing has been extensively surveyed for koala occupancy since 2015 using multiple methods, intensive and opportunistic SAT surveys, koala detection dogs, radio tracking and visual surveys.

Previous surveys suggest that the Koala Crossing area, including the area within EPBC 2015/7628, are utilised by koalas consistently, that these areas contain high abundances of preferred food trees for koalas on this site, and that populations in this area appear to prefer Spotted Gum (*E. citriodora sub sp. variegata*) and Narrow-leaf Ironbark (*E. crebra*).

Whole of property koala abundance surveys provides context for the baseline data specific to the EPBC 2015/7628 offset as the offset areas A and B fit within a historic monitoring regime. Methodology for the whole of property survey is consistent with that used for the EPBC 2015/7628 baseline survey.

Vegetation within koala crossing and directly surrounding the EPBC 2015/7628 offset area has and continues to be managed with the intention of improving koala habitat under other offset agreements. Due to proximity, previous land management actions may influence the baseline data collected. Therefore, while this report provides baseline data specific to the offset site, property wide context will be provided to enhance interpretation of results.

RESULTS OF THE 2019 SURVEY

Baselines for the whole EPBC 2015/7628 offset area inclusive of both area A and B, as of 2019 should be considered as an occupancy of 50%, and an activity level of 8%±3 trees occupied across the offset site. An increase in koala density will be demonstrated by an increase in number of sites with trees occupied (occupancy), and an increase in number of trees occupied (activity) across the offset area.

Variability in koala occupancy and activity between area A on the west and area B on the east was observed and is consistent with similar trends at a whole of property scale. Koalas occupy fewer sites (14%) with less activity (2%) in area B, compared to 100% of sites occupied with 17% activity in area A (Figure 1).

This remains consistent with the results from the 2019 koala detection dog surveys which yielded no koala occurrence detections within the cleared and early stage regrowth of EPBC 2015/7628 offset area B but at one point in the south. This indicates that koalas are not yet utilising the regrowth vegetation and favouring mature growth on the western and southern portion of the property.

The variation in koala density and activity between area A and area B should be considered when establishing baselines. To ensure confidence in departures from the baseline, if data exceed the 95% confidence interval of the mean occupancy of area A and B, it will be considered a signification change.

The variability between offset area A and B may be attributed to multiple factors:

- A lower availability of food trees in the eastern area B, reflective of two sites sampling category X non vegetated areas cleared during past land uses.
- Observed high weed infestation in the eastern area, predominately including the dispersal limiting *Lantana camara*.

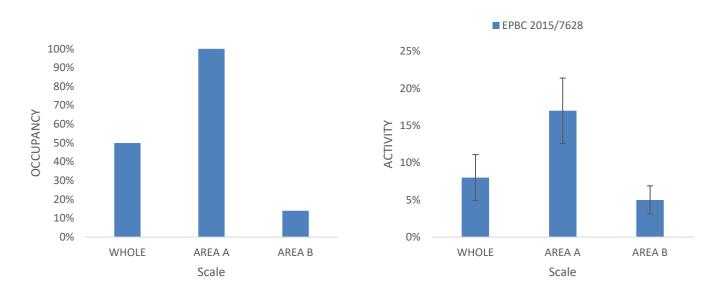


Figure 1. Comparison between koala occupancy and activity in EPBC 2015/7628 offset area, demonstrating variation between offset area A and B. Variance of activity percentage represented as standard error of the mean. Occupancy = percentage of sites with scat present. Activity = percentage of trees within an occupied site with scat present.

MAP 3. Koala occurrence (scat present in green and scat absent in red) and activity (larger and darker green circles represent more trees occupied within a site).

QTFN

EPBC2015/7628 **Koala Occupancy** and Activity

Kilometers

Legend

Author: QTFN

when overlaid.

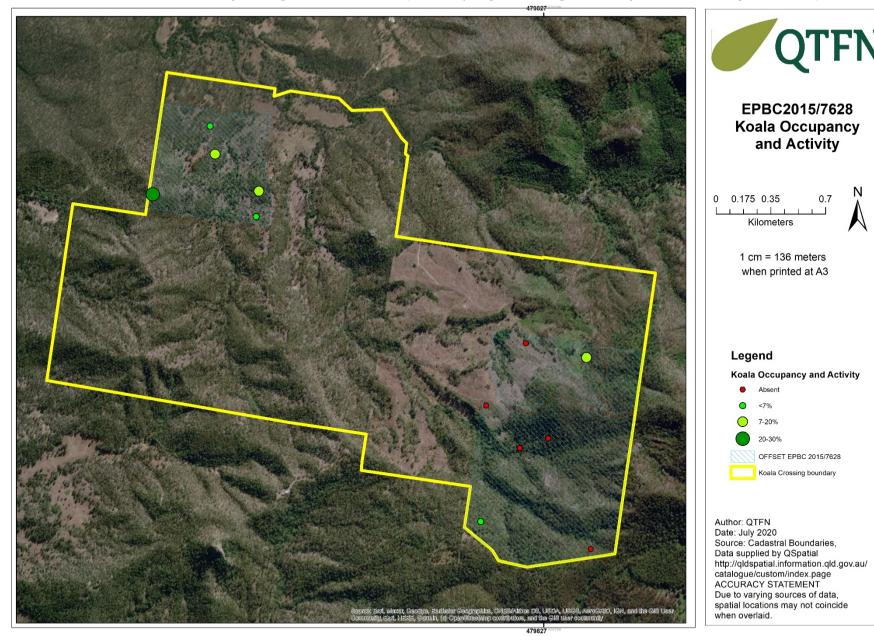
Absent

7-20%

1 cm = 136 meters when printed at A3

Koala Occupancy and Activity

OFFSET EPBC 2015/7628 Koala Crossing boundary



3.2 KOALA FOOD TREES

SITE CONTEXT

Vegetation within the EPBC 2015/7628 offset area is typical of mature regrowth in area A and remnant vegetation in area B. Across the Koala Crossing property, this offset area contains majority of the remnant Endangered Regional Ecosystem 12.8.24 in the east. This ecosystem is dominated by the koala food tree, *Corymbia citriodora* (Spotted Gum), and remains contiguous with the remnant vegetation surrounding the offset area and Koala Crossing boundary (Ipswich reserve).

RESULTS OF THE 2019 SURVEY

Eighteen percent of all sites surveyed contained small koala food trees, with a DBH less than 10cm. Most sites (91%) contained small to medium (10-28cm DBH), compared to only 36% of sites supporting large (>38cm DBH) trees (Figure 2).

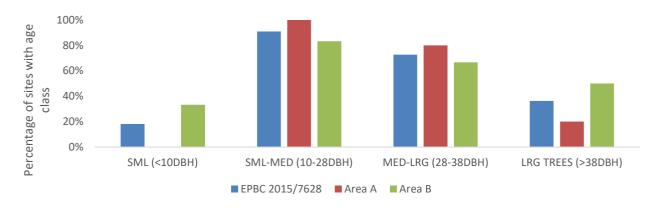


Figure 2. Percentage of sites surveyed that contained each size class of koala food trees for the entire EPBC 2015/7628 offset area, and individual areas A and B.

The trees within the offset area are predominately small to medium sized trees (10-28cm DBH) (53%), largely in area A consistent with the age of the regrowth forests. Only 1% of the trees surveyed are small trees (<10cm DBH) and are located in area B. Collectively, trees greater than 28cm (medium and large trees) constitute 24% of all trees surveyed.

Two sites surveyed in area B did not contain any trees as it is a category X vegetation area. This area will be revegetated under the Offset Area Management Plan.

DIVERSITY AND PREFERENCE

Four koala food trees are present within in the offset site, *E. crebra*, *E. tereticornis*, *C. citriodora* and *C. tessellaris* (species richness score of 4). *Corymbia citriodora* is the most common koala food tree in the offset area.

Of all trees surveyed with koala scat found underneath, 77% were *Corymbia citriodora* and 23% *Eucalyptus crebra*. Despite *C. tessellaris* and *E. teretecornis* trees being surveyed within the offset area, no scat was found under these trees, demonstrating the local koala populations

current preference for *C.citriodora*. Although *E. tereticornis* is an important food tree for the SEQ population, it remains in low numbers within Koala Crossing and not a dominant food source in the offset area, which does not contain creek lines or *E. tereticornis* dominated RE12.3.3.

3.3 NON-NATIVE PREDATORS AND THEIRDIETS

As stated in section 2.3, predator home ranges exceed the Koala Crossing property area, and the EPBC 2015/7628 offset area within. Therefore, as predator abundance and activity can be influenced by multiple factors including, seasonality, food availability and neighbouring predator control works it is important to provide context for the surrounding landscape of the offset area.

SUMMARY OF PAST DATA

Predator management on Koala Crossing has occurred since 2015, with the western portion actively monitored through camera traps since then. To date, dingoes (*Canis lupus*), foxes (*Vulpes vulpes*) and cats (*Felis catus*) have all been recorded on-site in camera trapping, from visual sightings or from the collection of scats. Wild dog and fox numbers have fluctuated over time but always been present within the property. One cat was observed in the winter of 2018. Historic data provides an advantage to calculating variance with baseline estimates as it encapsulates natural variation expected by the local population.

A contractor is engaged regularly to control any animals discovered on site. No predator control actions were conducted within the baseline survey period within the EPBC 2015/7628 offset area or broader Koala Crossing property.

RESULTS OF THE SURVEY

During the baseline 2019-2020 monitoring period, wild dogs (*Canis lupus*) and foxes (*Vulpes vulpes*) were observed on the site. No cats (*Felis catus*) were observed during this period; however, historic data will be considered in forming the baseline.

Relative abundance

At baseline, RAI estimates across summer and winter 2019 for each species are: *C. lupus* 3.4 \pm 1.4 and *V. vulpes* 2.1 \pm 1.3. Despite not being observed in 2019, a historic RAI estimated from 2018 to 2019 for *F. catus* is 0.4 \pm 0.7 and will stand as baseline to ensure the species is adequately represented.

The RAI data collected for each species shows that across a year (2019), predator activity and abundance is variable and that seasonal fluctuations should be considered when assessing deviations from the baseline. Seasonal variation in predator activity shows that foxes are more active in winter (RAI 0.7) compared to summer (RAI 0.3) and dogs more active in summer (RAI 4.8) compared to winter (RAI 2) (Figure 4).

Statistical inferences for RAI in a single survey season contain no variance element which limits analysis techniques when testing for a significant departure from baseline. Therefore, this report will consider any estimate of RAI equal to the baseline estimate (\pm 0.1) as no

evidence of change, an estimate beyond this but within the confidence limits as conservative evidence of change (C. lupus between 2-4.8, V. vulpes 0.8-3.4 and F. catus 0-1.1). Any estimate beyond the upper confidence limits \pm the variance (standard deviation) of historic data is considered significant evidence of change. The historic data provides context into what natural fluctuations in predator activity have been seen on the property.

An attempt at individual recognition of wild dogs suggests at least seven individuals, three of which are seen in both seasons. However, additional unidentifiable images suggest individual numbers are greater. No individual recognition is available for foxes.

One individual fox caught on camera station D remained within the camera frame for >10minutes (Figure 3). This is a unique discrepancy compared to the independence threshold of 10sec set for all predator monitoring (refer to methods). For this individual case, the first image of the series was imported into Camelot to ensure only one independent observation for this individual was included in the RAI calculation, and not mistaken for multiple individuals. The fox remained in frame and was observed with an unknown prey in its mouth. Morphology of the prey confirms it is not a koala, due to the long hind limbs.



Figure 3 A fox captured on a camera trap station within the territory of EPBC 2015/7628 offset area A with an unknown prey species and remained in the camera frame for over 10 minutes.

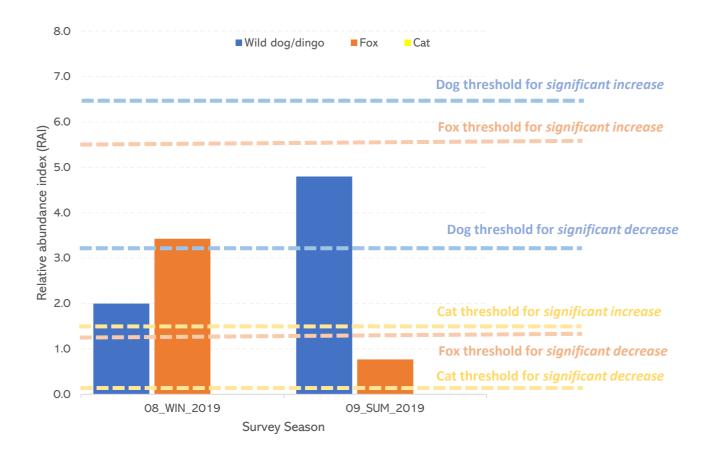


Figure 4. Relative Abundance Index estimates for dogs (C. lupis), foxes (V. vulpes) and cats (F. catus) in the winter sampling interval (June - July 2019) and summer sampling interval (November 2019– January 2020), and confidence limit thresholds to show future deviations from the baseline.



Figure 5. Examples of predators observed on cameras within the EPBC 2015/7628 offset areas; in area A, a wild dog (top left) and fox (top right) in winter station A, and in area B, a wild dog (bottom left) and fox (bottom right) in summer station L.

Occupancy

At baseline, occupancy estimates across summer and winter 2019 for each species are: C. lupus 0.5 ± 0.1 and V. vulpes 0.5 ± 0.2 . Despite not being observed in 2019, a historic occupancy estimated from 2018 to 2019 for F. catus is 0.1 ± 0.1 and will stand as baseline to ensure the species is adequately represented.

Occupancy data is a measure of the proportion of cameras recording predators across the site, i.e. is a spatial measure of predator presence. Occupancy data shows that both wild dogs were recorded at 50% of the camera traps, on average across both survey seasons. All camera traps within the EPBC 2015/7628 offset area captured images of both wild dogs and foxes (Figure 5), predominately station A in winter 2019 and stations L in summer 2019.

Occupancy recordings are not consistent across seasons and trap stations.

For example, fox occupancy was greatest in the winter of 2019 (Figure 6), and evenly dispersed across the property. However, it declined in the summer of 2019, from seven camera traps to three, one of which is located in offset area B.

Secondly, wild dog occupancy remained consistent across survey seasons; however, the camera traps triggered were not the same six each time (Map 4). This demonstrates the mobility of the species within larger home ranges.

Consistent with historic predator monitoring, predator activity remained highest in the cleared sections of the property (stations A, G and F) which are either within or adjacent to EPBC 2015/7628 offset area A. In the eastern offset area B, predator activity was consistent at station K across both seasons (dogs and foxes recorded in both winter and summer).

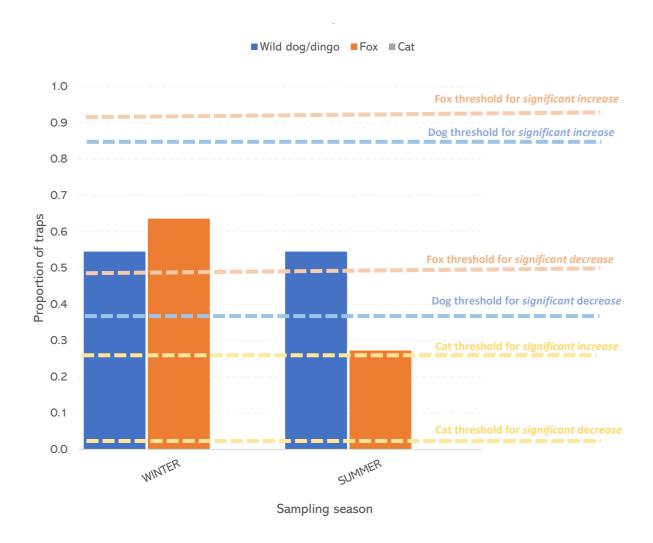


Figure 6. Occupancy of predators across camera traps, and confidence limit threshold to show future deviations from the baseline. Occupancy is a measure of the proportion of camera traps triggered by predators across the property camera trap network. Seasonal variation is present for foxes, with a decline in the number of traps capturing the species in summer.

PREDATOR DIET ANALYSIS

To date, predator scat analysis shows no presence of koala in predator diet on Koala Crossing. In the past three years, macropods and wallabies have been the main fauna group present in predator scat, followed by small native mammals, birds and reptiles. In 2019, several non-native mammals were found in scat including goat and pigs.

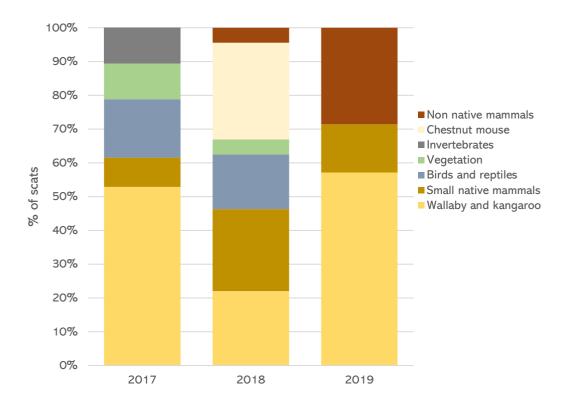
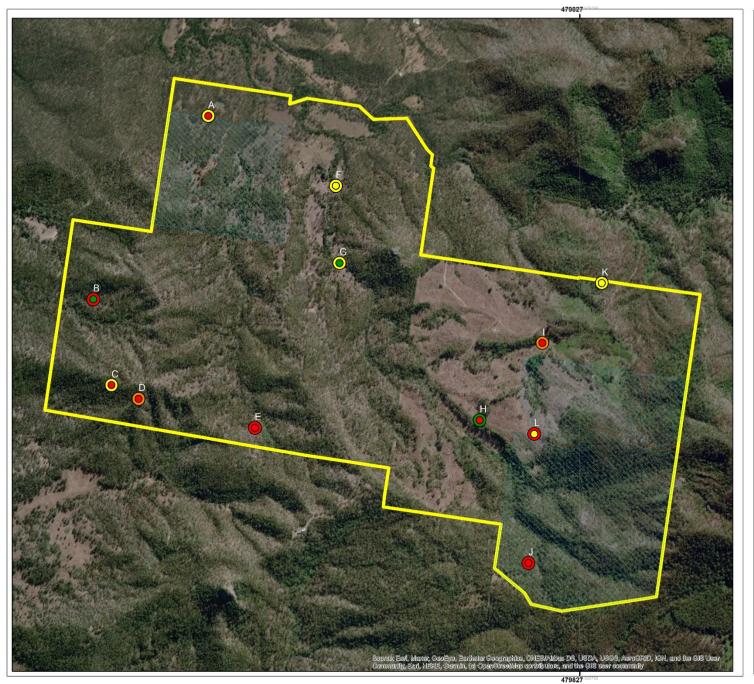


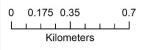
Figure 7. Dietary analysis of predator scat.

MAP 4 Occupancy of non-native predators in summer (small circles) and winter (larger circles) survey seasons.





EPBC2015/7628 **Predator Occupancy**



1 cm = 136 meters when printed at A3

Legend

Summer

- No Predators
- Dog only
- Fox and Dog

Winter

- No Predators
- Fox only Dog only
- Fox and Dog
- OFFSET EPBC 2015/7628

Koala Crossing boundary

Author: QTFN Date: July 2020

Source: Cadastral Boundaries,
Data supplied by QSpatial
http://qldspatial.information.qld.gov.au/
catalogue/custom/index.page
ACCURACY STATEMENT Due to varying sources of data, spatial locations may not coincide

when overlaid.

CHAPTER 4: CONCLUSIONS

4.1 GENERAL CONCLUSION

Overall, koala scat coverage and tree species preference within EPBC 2015/7628 is consistent with property wide trends on Koala Crossing – 50% of searched sites showed evidence of koala occupancy. Koala activity and tree species vary between offset area A and B. Area A has a higher occupancy of koalas (100%) and forests dominated by small to mid-sized koala food trees, reflective of >30-year-old eucalypt regrowth. Area B, a consequence of previous land uses, is a mosaic of remnant, early stage regrowth and cleared pasture which has reduced the availability of food trees yielding a low koala occupancy score (17%).

There appears to be a relationship between the assemblage of trees, their age structure, and the number of koala scats and proportion of trees showing evidence of being used by koala. This data suggests that trees generally considered of secondary importance in the Ipswich and Scenic Rim region (spotted gum and narrow-leaf ironbark, Table 1) are being utilised by koalas at this site, and that sites with higher species richness and higher portions of older trees are less utilised by koala. Naturally occurring Queensland blue gum (*E. tereticornis*) are rare within this offset area because the conditions required for their dominance are not present (i.e. the Regional Ecosystem on this site does not include grey gum as dominant). Highly utilised koala food trees at this site include spotted gum (*E. citriodora sub sp. variegata*) and narrow-leaf ironbark (*E. crebra*).

Two non-native predators are currently present within the EPBC 2015/7628 offset site, wild dogs (Canis lupus) and foxes (Vulpes vulpes), with historic observation of cats (Felis catus) in the year prior to monitoring. Seasonal variation in predator activity is present, with higher numbers of foxes in winter and dogs in summer. Previous dietary analyses suggest that whilst these animals are actively hunting onsite, they are not consuming or attacking koala. To date, no koala deaths have been recorded and attributed to feral animals since QTFN began managing the property.

4.2 RECOMMENDATIONS FOR ASSESSING PERFORMANCE INDICATORS

In summary, below are the baseline estimates that we recommend be used for EPBC 2015/7628 offset area; including recommendations for

- the critical limits for assessments of whether koala abundance have experienced statistically significant changes,
- ongoing recruitment of koala food trees, and
- whether a reduction in the non-native predators of koalas is maintained.

Upper and lower baseline estimates in Table 4 are based on survey variance in seasons (predators) or offset areas (koalas).

The baselines set in this report will guide the management actions listed under the Offset Area Management Plan to ensure compliance against monitoring and reporting requirements are met. Progress tracking against baseline estimates will be documented in each annual compliance report.

Table 4: Summary of baseline estimates, variance upper/lower thresholds, and significant deviations thresholds specific for assessing compliance of the approval conditions 2c (Table 1); koalas, koala food trees (KFT) and predators.

Performance indicator	Metric		Significant decline	Baseline	Significant increase
Occupancy	% sites occupied		20	50	80
Activity	% trees occupied within a site		0	8±10	17
Recruitment	% sites with sma recruitment	ll tree		1	*
Abundance	Relative	Dog**	3.3	3.4±1.4	6.6
	Abundance Index (RAI)	Fox	1.1	2.1±1.3	5.7
		Cat^	0.6	0.4 ± 0.7	1.6
Occupancy	% camera traps triggered by	Dog**	35	50±10	85
	predators	Fox	48	50±20	92
		Cat [^]	14	10±10	26

^{*}Future monitoring results of or more than 1% of sites containing small tree (<10cmDBH) recruits will be considered to satisfy approval condition 2e – achieve ongoing recruitment.

^{**}Wild dog (Canis lupus), + Fox (Vulpes vulpes), ^ Cat (Felis catus)

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