

Basic Fauna and Targeted Black Cockatoo Assessment

Part Lot 500 on DP421144, Boddington

Project No: EP23-044(03)

Prepared for Shire of Boddington
December 2024



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Executive Summary

The Shire of Boddington engaged Emerge Associates to conduct a basic fauna and a targeted black cockatoo assessment within part Lot 500 on DP421144 in Boddington (referred to herein as the 'site').

As part of the assessment a desktop review of relevant background information was completed and a field survey was undertaken between 26 and 29 September, 7 and 8 October 2023, 11 November 2024 and 2 December 2024. During the field survey opportunistic sightings of fauna were recorded and an assessment was made on the fauna habitat within the site and its suitability to provide habitat for threatened, specially protected and priority fauna. A targeted black cockatoo survey was also undertaken to determine the presence of habitat for threatened black cockatoo species.

Outcomes of the basic fauna assessment include the following:

- The majority of the site (approximately 90%) supports **eucalypt forest** habitat which is of high value to a range of fauna species including species of conservation significance. The remainder of the site comprises **tall shrubland** and **cleared areas** habitats and a small area of **water** (approximately 10% in total).
- A total of 45 native fauna species were recorded within the site.
- Four threatened, specially protected and priority species were recorded during the survey:
 - *Zanda latirostris* (Carnaby's black cockatoo, listed as endangered under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) and State *Biodiversity Conservation Act 2016* (BC Act))
 - *Zanda baudinii* (Baudin's black cockatoo, listed as endangered under the EPBC Act and BC Act)
 - *Calyptrorhynchus banksii naso* (forest red-tailed black cockatoo, listed as vulnerable under the EPBC Act and BC Act)
 - *Macropus irma* (western brush wallaby, listed as priority four in WA)
- While not recorded during the field survey, the following species have a high likelihood of occurring in the site:
 - *Dasyurus geoffroii* (chuditch, listed as vulnerable under the EPBC Act and BC Act)
 - *Phascogale calura* (red-tailed phascogale, listed as vulnerable under the EPBC Act and conservation dependant under the BC Act)
 - *Phascogale tapoatafa wambenger* (south-western brush-tailed phascogale, listed as conservation dependant under the BC Act)
- Seven other species of conservation significance not recorded during the field survey have a moderate likelihood of occurring in the site:
 - *Myrmecobius fasciatus* (numbat, listed as endangered under the EPBC Act and BC Act)
 - *Bettongia penicillata* (woylie, listed as endangered under the EPBC Act and critically endangered under the BC Act)
 - *Apus pacificus* (pacific swift, listed as migratory under the EPBC Act and BC Act)
 - *Falco peregrinus* (peregrine falcon, listed as other specially protected under the BC Act)
 - *Ctenotus delli* (Dell's skink, listed as priority four in WA)
 - *Isoodon fusciventer* (quenda, listed as priority four in WA)
 - *Falsistrellus mackenziei* (western false pipistrelle, listed as priority four in WA).

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Outcomes of the targeted black cockatoo survey include the following:

- Carnaby's black cockatoo, Baudin's black cockatoo and forest red-tailed black cockatoo were recorded in the site during the field survey.
- The site contains 1,759 habitat trees of which 104 potentially contain hollows suitable for use by black cockatoos for breeding when viewed from the ground level. Therefore, the site currently provides suitable breeding habitat for all three species of black cockatoo.
- No roosts or evidence of roosting by any species of black cockatoo was recorded within the site during the field survey. Tall native and non-native trees within the site represent suitable roosting habitat for black cockatoos.
- A total of 104.36 ha of foraging habitat for Carnaby's black cockatoo was mapped within the site, all of which comprises primary native plants.
- A total of 104.36 ha of foraging habitat for Baudin's black cockatoo was mapped within the site of which 55.71 ha (53.38 %) comprises primary native plants and 47.00 ha (46.60 %) comprises secondary native plants.
- A total of 95.39 ha of foraging habitat for forest red-tailed black cockatoo was mapped within the site, all of which comprises primary native plants.
- Additional areas of breeding, foraging and roosting habitat of similar or higher value occur adjacent to the site and in the wider local area.

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Abbreviation Tables

Table A1: Abbreviations – Organisations

Organisations	
EPA	Environmental Protection Authority
DBCA	Department of Biodiversity, Conservation and Attractions
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DPaW	Department of Parks and Wildlife (now DBCA)
DAWE	Department of Agriculture, Water and the Environment (now DCCEEW)
WA Museum	Western Australian Museum

Table A2: Abbreviations – Conservation codes

General terms	
CD	Conservation dependent
CR	Critically endangered
EN	Endangered
MI	Migratory
P1	Priority 1
P2	Priority 2
P3	Priority 3
P4	Priority 4
OS	Other specially protected
VU	Vulnerable

Table A3: Abbreviations – Legislation

Legislation	
BAM Act	Biosecurity and Agriculture Management Act 2007
EBPC Act	Environment Protection and Biodiversity Conservation Act 1999
BC Act	Biodiversity Conservation Act 2016

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Table A4: Abbreviations – Units of measurement

Units of measurement	
DBH	Diameter at breast height
cm	Centimetre
ha	Hectare
km	Kilometre
m	Metre
m AHD	m in relation to the Australian height datum
mm	Millimetre

Table A5: Abbreviations - General

Units of measurement	
IBRA	Interim Biogeographic Regionalisation for Australia
UFI	Unique Feature Identifier

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1 Introduction

1.1 Purpose

Emerge Associates (Emerge) were engaged by the Shire of Boddington to conduct a basic fauna and targeted black cockatoo assessment within part Lot 500 on DP421144 in Boddington as shown in **Figure 1** (referred to herein as the 'site'). The site comprises a 20 to 50 metre (m) buffer around a proposed mountain bike trail.

Fauna assessments are required to characterise fauna values and, in particular, confirm the presence or absence of values relevant to environmental approvals process, such as, 'fauna habitats', 'threatened' fauna, 'specially protected' fauna and 'priority' fauna.

1.2 Legislation and policy

Fauna may be listed as threatened, extinct or specially protected under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) and the State *Biodiversity Conservation Act 2016* (BC Act). Threatened fauna are classified as either 'critically endangered' (CR), 'endangered' (EN) or 'vulnerable' (VU). Extinct species are classified as 'extinct' (EX) or 'extinct in the wild' (EW). Specially protected species are classified as 'migratory species' (MI), 'species of special conservation interest' (CD) or 'other specially protected' (OS). Commonwealth and/or State ministerial approval is required to impact threatened and specially protected fauna¹.

Native fauna that are not listed as threatened or specially protected, but are otherwise rare, under threat or poorly known, may be added to a Department of Biodiversity Conservation and Attractions (DBCA) priority list. Priority fauna are classified as either 'priority 1' (P1), 'priority 2' (P2), 'priority 3' (P3) or 'priority 4' (P4). Priority listing does not afford direct statutory protection. However, the classification of priority species is taken into account during State and Local government approval processes.

Introduced fauna that are regarded as having negative environmental or economic impacts may be listed as a 'declared pest' pursuant to the *State Biosecurity and Agriculture Management Act 2007* (BAM Act). Management of declared pests may be required during government approval processes.

Further information on legislation and policy relevant to fauna assessments is provided in **Appendix A**.

1.3 Scope of work

The scope of work was specifically to undertake a terrestrial vertebrate fauna assessment to the standard required of a 'basic' fauna survey and a 'targeted' black cockatoo survey with reference to the Environmental Protection Authority's (EPA's) technical guidance (EPA 2020) and the *Environment Protection and Biodiversity Conservation Act* black cockatoo referral guidelines (DAWE 2022).

¹ Currently there are no threatened species listed as extinct in the wild in Western Australia.

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As part of this scope of work, the following tasks were undertaken:

- Desktop study to provide contextual information and determine the likelihood of occurrence of threatened, specially protected and priority fauna.
- Field surveys to record fauna and fauna habitats, with a particular focus on habitat for threatened species of black cockatoo.
- Analysis and mapping of contextual information, fauna habitat and black cockatoo breeding, roosting and foraging (if present).
- Documentation of the desktop study, methods, results, discussion and conclusions.

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2 Desktop Study

2.1 Site context

2.1.1 Location and extent

The site is located in the Shire of Boddington in the South-West region of Western Australia and extends over 105.77 hectares (ha) as shown in **Figure 1**. The site is bounded by farmland to the east and north, Bannister-Marradong Road to the west and Newmarket Road to the south.

2.1.2 Climate

The Southwest region of Western Australia experiences a mediterranean climate of hot dry summers and cool wet winters (BoM 2023). Recent rainfall at the closest weather station to the site has been somewhat inconsistent with long term averages, as shown in **Plate 1** (BoM 2023). Targeted surveys should be undertaken during the season that is most suitable for detection and identification of the targeted species (EPA 2020).

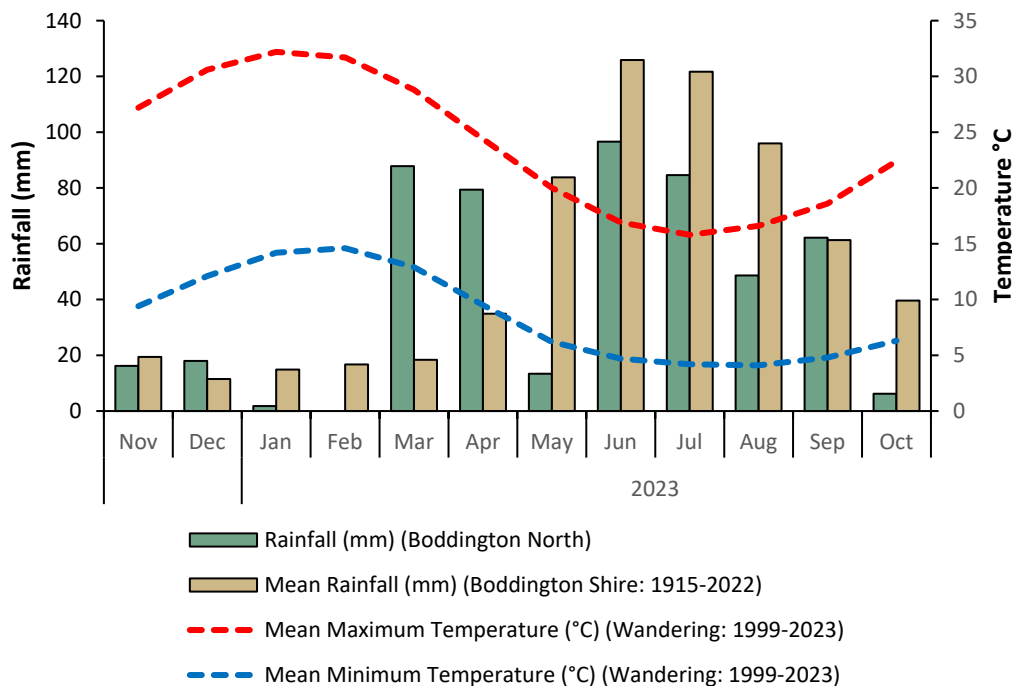


Plate 1: Recent rainfall from the Boddington North weather station. Long-term mean temperature and rainfall from the Wandering and Boddington Shire weather stations.

2.1.3 Geomorphology and soils

Landform and soils influence fauna habitat and species at regional and local scales. The site occurs on the Darling Plateau which lies east of Perth CBD and directly east of the Darling Scarp. The Darling Plateau is an ancient erosion surface capped with laterite and dissected by drainage channels (Beard 1990). The site occurs in the eastern part of the Plateau which is characterised by flat-topped hills

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bound by breakaways and more prominent hills (monadnocks) which protrude above the general level of the plateau (Gozzard 2011).

Fine scale soil landscape mapping by DPIRD (2018) shows two units as occurring within the site. The western part and a small area in the south-east of the site occur within the Coolakin Subsystem which comprises “minor valleys bounded by Dwellingup or Norrine units; moderate slopes with gravelly and sandy yellow duplex soils and a minor valley floor with sandy alluvium with occasional rock outcrops and laterite spurs’. The central portion of the site occurs within the Dwellingup subsystem which consists of lower to upper slopes and hillcrests with a duplex of gravels and loamy gracels, minor areas of shallow gravels, deep sandy gravels and yellow deep sands, yellow and pale deep sands that are often gravelly (DPIRD 2018). The soils mapped within the site are shown in **Figure 2**.

The site is not known to contain any restricted landforms or unique geological features.

2.1.4 Topography

The elevation of the site ranges from 320 metres in relation to the Australian height datum (mAHD) on the eastern and southern side to 238 mAHD on the western side (DPIRD 2020) (**Figure 2**).

2.1.5 Hydrology and wetlands

Wetlands are areas of seasonally, intermittently or permanently waterlogged land such as poorly drained soils, ponds, billabongs, lakes, swamps, tidal flats, estuaries, rivers and their tributaries (Wetlands Advisory Committee 1977). Wetlands can be recognised by the presence of vegetation associated with waterlogging or the presence of hydric soils such as peat, peaty sand or carbonate mud (Hill *et al.* 1996).

Wetlands of national or international significance may be afforded special protection under Commonwealth or international agreements. Review of the *Ramsar List of Wetlands of International Importance* (DBCA 2017) and *A Directory of Important Wetlands in Australia – Western Australia* (DBCA 2018) indicates that no Ramsar or listed ‘important wetlands’ are located within or near the site.

The Department of Water and Environmental Regulation (DWER) hydrography linear dataset (DWER 2018b) records the following six wetland or water related features within the site:

- Three watercourses (minor, non-perennial)
- Two drains (major)
- One lake (perennial).

The location of hydrological features in the site is shown in **Figure 2**.

2.1.6 Regional vegetation

Vegetation types and resulting fauna habitats strongly influence the diversity and composition of fauna taxa present within an area. Native vegetation is described and mapped at different scales in order to illustrate patterns in its distribution. At a continental scale the *Interim Biogeographic*

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Regionalisation of Australia (IBRA) divides the Swan Coastal Plain into two floristic subregions (Environment Australia 2000).

The site is contained within the jarrah forest region and within the 'JF1' or northern jarrah forest subregion. The northern jarrah forest subregion is characterised by *Eucalyptus marginata* (jarrah) – *Corymbia calophylla* (marri) forest on laterite gravels with *Eucalyptus wandoo* – marri woodlands in the eastern part (DEC 2002).

Variations in native vegetation can be further classified based on regional vegetation mapping. DBCA (2019) mapping shows the site as comprising the 'Coolakin (Ck)' complex which is described as 'woodland of *Eucalyptus wandoo* with mixtures of *Eucalyptus patens*, *Eucalyptus marginata* subsp. *thalassica* and *Corymbia calophylla* on the valley slopes in arid and perarid zones'. The central and eastern portion of the site is mapped as comprising 'Yalanbee (Y6)' complex which is described as a 'woodland of *Eucalyptus wandoo*-*Eucalyptus accedens*, less consistently open forest of *Eucalyptus marginata* subsp. *thalassica*-*Corymbia calophylla* on lateritic uplands and breakaway landscapes in arid and perarid zones'.

The Coolakin complex was determined to have 39.15% of its pre-European extent remaining in 2018, of which 3.89% is protected for conservation purposes (Government of Western Australia 2019). The Yalanbee (Y6) complex was determined to have 46.54% of its pre-European extent remaining in 2018, of which 11.49% is protected for conservation purposes (Government of Western Australia 2019).

2.1.7 Historic land use

Review of historical images available from 1995 onwards shows that part of the north-western portion in the site was partially cleared of native vegetation prior to 1995, likely for purposes associated with use of Boddington town dam which was the towns' main water supply up until 2001. Since that time the extent of native vegetation in the site has remained relatively stable. The historical images also show evidence that a fire occurred in the southern portion of the site between November 2013 and October 2015 (WALIA 2023).

2.1.8 DBCA managed or legislated land

DBCA has tenure of or interests in numerous areas of land across the state for a range of purposes. Tenure categories include national parks, nature reserves, conservation parks, marine parks, marine nature reserves, marine management areas, section 5(1)(g) reserves, state forest and timber reserves. These areas are mapped within the *Legislated Lands and Waters* (DBCA 2021b) and *Lands of Interest* (DBCA 2021a) datasets. The *Legislated Lands and Waters* (DBCA 2021b) dataset includes lands subject to the following legislation; the *Conservation and Land Management Act 1984* (CALM Act 1984), *Swan and Canning Rivers Management Act 2006* (SCRM Act) and lands identified under the *Land Administration Act 1997* (LA Act). The *Lands of Interest* (DBCA 2021a) dataset includes all other lands of which DBCA is recognised as the manager but is not vested under any act. These lands comprise of crown land and freehold land which DBCA has been acknowledged by the Department of Lands as the responsible agency.

The site is not mapped as DBCA managed or legislated land. The site is currently managed by the Water Corporation.

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The closest DBCA legislated land is located approximately 250 m west of the site and comprises a timber reserve under the Conservation and Land Management Act 1984, as shown in **Figure 3** (DBCA 2021b).

2.1.9 Ecological linkages

Ecological linkages are linear landscape elements that allow the movement of fauna, flora and genetic material between areas of remnant habitat. This exchange of genetic material between vegetation remnants improves the viability of those remnants by allowing greater access to breeding partners and food sources, refuge from disturbances such as fire and maintenance of genetic diversity of plant communities and populations. Ecological linkages are ideally continuous or near-continuous as the more fractured a linkage is, the less ease flora and fauna have in moving within the corridor (Alan Tingay and Associates 1998).

The South-West Biodiversity Project, supported by the Western Australia Local Government Association (WALGA), identified and mapped regional ecological linkages within the south-west region (Molloy et al. 2009).

There are no mapped ecological linkages within or in close proximity to the site. One regional ecological linkage (No. 195) occurs approximately 2 km north of the site and extends to the northeast and south-west. The location of this linkage is shown in **Figure 3**. Review of aerial imagery indicates that much of the vegetation within the site is connected to extensive areas of native vegetation within the local area.

2.1.10 Threatened, specially protected and priority fauna

The Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW) has compiled various datasets relating to 'matters of national environmental significance' (MNES) (DCCEEW 2023b). The *Protected Matters Search Tool* provides general guidance on threatened and specially protected fauna listed under the EPBC Act that may occur within a location based on validated records and less reliable unvalidated habitat distribution modelling (DCCEEW 2023b).

DBCA's *Threatened and Priority fauna Database* and *NatureMap* databases as well as the spatial portal of the Atlas of Living Australia (ALA) contain records of threatened specially protected and priority fauna in Western Australia (ALA 2023; DBCA 2023b, a). Searches of these databases provide point data for threatened, specially protected and priority fauna within a location, comprising validated and historical unvalidated records.

A search was conducted for fauna species that have been recorded within a 20 km radius of the site using the *Protected Matters Search Tool* (DCCEEW 2023b), *NatureMap* (DBCA 2023a), DBCA's conservation significant fauna database (reference no. FAUNA7265), Atlas of Living Australia (ALA 2023) and literature references.

A total of 437 fauna species were identified from database searches as occurring or potentially occurring within 20 km of the site² as listed in **Appendix D**.

² Includes native and non-native species

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2.1.11 Pest fauna

The term 'pest fauna' can refer to any animal that requires some form of action to reduce its effect on the economy, the environment, human health and amenity. Pest fauna species are generally not native but some Australian or Western Australian fauna may also be considered pests.

A particularly invasive or detrimental pest species may be listed as a 'declared pest' pursuant to Western Australia's *Biosecurity and Agriculture Management Act 2007* (BAM Act), indicating that it warrants special management to limit its spread. Current pest status and control categories for Western Australia are provided in the *Western Australian Organism List* (DPIRD 2022). Further information on categories of declared pests is provided in **Appendix A**.

2.1.12 Previous surveys

No previous fauna surveys are known to have been undertaken over the site.

2.2 Likelihood of occurrence

The distribution and habitat preferences of the threatened and priority fauna species listed in **Appendix B** was reviewed against site context information described in **Section 2.1**. Likelihood of occurrence of threatened, specially protected and priority fauna species within the site was classified as 'high', 'moderate', 'low', 'negligible' or 'nil' as outlined in **Table 1**.

Table 1: Likelihood of occurrence assessment categories and definitions

		Reliable record ¹		Unreliable record ²
		Access to site not impeded	Access to site impeded	
Habitat	Suitable	High	Low	Nil
	Potentially suitable	Moderate		
	Unsuitable	Negligible		

¹Reliable record = DBCA or validated ALA record from the last ~20 years.

²Unreliable record = >20 years old or based on PMST range prediction.

Seven threatened, three specially protected and four priority species were classified as having a 'high' or 'moderate' likelihood of occurrence. The legislative or policy status and habitat preferences these species is shown in **Table 2**.

The remainder of the conservation significant fauna species identified in the desktop assessment (14 species) were considered as having a 'low', 'negligible' or 'nil' likelihood of occurrence. Refer to **Table 2** and **Appendix C** for detail on individual species likelihood of occurrence.

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Table 2: Summary of conservation significant fauna species with potential to occur in the site

Species name	Common name	Status		Habitat description
		BC Act	EPBC Act	
Birds				
<i>Apus pacificus</i>	Pacific swift	MI	MI	Aerial, migratory species that is most often seen over inland plains and sometimes above open areas, foothills or in coastal areas. Sometimes occurs over settled areas, including towns, urban areas and cities.
<i>Calyptrorhynchus banksii naso</i>	Forest red-tailed black cockatoo	VU	VU	Eucalypt and Corymbia forests, often in hilly interior. More recently also observed in more open agricultural and suburban areas including Perth metropolitan area. Attracted to seeding <i>Corymbia calophylla</i> , <i>Eucalyptus marginata</i> , introduced <i>Melia azedarach</i> and <i>Eucalyptus</i> spp. trees.
<i>Falco peregrinus</i>	Peregrine falcon	OS	-	Mainly found around cliffs along coasts, rivers, ranges and around wooded watercourses and lakes.
<i>Zanda baudinii</i>	Baudin's black cockatoo	EN	EN	Mainly eucalypt forests. Attracted to seeding <i>Corymbia calophylla</i> , <i>Banksia</i> spp., <i>Hakea</i> spp., and to fruiting apples and pears.
<i>Zanda latirostris</i>	Carnaby's black cockatoo	EN	EN	Mainly proteaceous scrubs and heaths and adjacent eucalypt woodlands and forests; also plantations of <i>Pinus</i> spp. Attracted to seeding <i>Banksia</i> spp., <i>Hakea</i> spp., <i>Eucalyptus</i> spp., <i>Corymbia calophylla</i> , <i>Grevillea</i> spp., and <i>Allocasuarina</i> spp.
Mammals				
<i>Bettongia penicillata ogilbyi</i>	Woylie	CR	EN	Woodlands and adjacent heaths with a dense understorey of shrubs, particularly <i>Gastrolobium</i> spp.
<i>Dasyurus geoffroii</i>	Chuditch	VU	VU	Wide range of habitats from woodlands, dry sclerophyll forests, riparian vegetation, beaches and deserts. Appears to utilise native vegetation along roadsides in the wheatbelt.
<i>Falsistrellus mackenziei</i>	Western false pipistrelle	P4	-	High rainfall forests dominated by jarrah, karri, marri, and tuart. Occupies hollow logs for breeding and resting (Van Dyck and Strahan). Also known to utilise banksia woodland on the Swan Coastal Plain.
<i>Isoodon fusciventer</i>	Quenda	P4	-	Dense scrubby, often swampy, vegetation with dense cover up to one metre high.
<i>Myrmecobius fasciatus</i>	Numbat	EN	EN	Generally dominated by <i>Eucalyptus</i> spp. that provide hollow logs and branches for shelter and termites for food.
<i>Notamacropus irma</i>	Western brush wallaby	P4	-	Dry sclerophyll forest, <i>Banksia</i> spp. woodlands and shrublands, typically favouring dense low vegetation that provides dense cover.
<i>Phascogale calura</i>	Red-tailed phascogale	CD	VU	Historically occurred in a variety of woodland habitats but now restricted to remnants of mature <i>Eucalyptus wandoo</i> or <i>Allocasuarina huegeliana</i> woodlands.
<i>Phascogale tapoatafa wambenger</i>	South-western brush-tailed phascogale	CD	-	Dry sclerophyll forests and open woodlands that contain hollow-bearing trees but a sparse ground cover.

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Table 2. Summary of conservation significant fauna species with potential to occur in the site (continued)

Species name	Common name	BC Act	EPBC Act	Habitat description
Reptiles				
<i>Ctenotus delli</i>	Dell's skink	P4	-	Jarraah and marri woodland with a shrub dominated understorey, sheltering in dense vegetation, inside grass trees and beneath rocks, sometimes in burrows.

2.3 Black cockatoos

Three threatened species of black cockatoo occur in the south-west of WA (referred to herein collectively as 'black cockatoos'):

- *Zanda*³ *latirostris* (Carnaby's black cockatoo) which is listed as 'endangered' under the EPBC Act and the BC Act.
- *Zanda*³ *baudinii* (Baudin's black cockatoo) which is listed as 'endangered' under the EPBC Act and the BC Act.
- *Calyptorhynchus banksii naso* (forest red-tailed black cockatoo) which is listed as 'vulnerable' under the EPBC Act and the BC Act.

Black cockatoo habitat is conventionally separated into breeding, roosting and foraging categories. '**Breeding habitat**' refers to 'habitat trees' which consist of native tree species that either contain nesting hollows or have a large enough diameter at breast height⁴ (DBH) to develop a nesting hollow overtime (DAWE 2022). Black cockatoos typically utilise breeding habitat within their defined breeding season. Baudin's black cockatoo breed from August to March, Carnaby's black cockatoo breed from July to December and Forest red-tailed black cockatoo breed throughout the year, with peaks in April – June and August – October (DAWE 2022). '**Roosting habitat**' consists of a stand of tall trees (>8 m) within 6 km of water and food resources and 12 km of additional foraging resources where black cockatoos rest overnight (Shah 2006; Glossop *et al.* 2011; Le Roux 2017; DAWE 2022). '**Foraging habitat**' is vegetation that black cockatoos are known to feed on, which varies between black cockatoo species (Groom 2011; Johnstone *et al.* 2011; DAWE 2022). A full range of foraging plants and their foraging category assigned by Emerge Associates is available in **Appendix D**.

A review of BC datasets was undertaken as outlined in **Table 3** and shown in **Figure 4**. Further information on black cockatoo habitat is available in **Appendix A**. Counts for all known black cockatoo roosts within 12 km are available in **Appendix E**.

³ Previously *Calyptorhynchus*

⁴ ≥50 cm or ≥30 cm for wandoo or salmon gum

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Table 3: Summary of black cockatoo background review

Category	Black cockatoo site context			Source
	Carnaby's	Baudin's	Forest red-tailed	
Site located within species distribution	Yes	Yes	Yes	(DAWE 2022)
Site in known breeding distribution	Yes	No	N/A*	(DAWE 2022)

Table 3: Summary of black cockatoo background review (continued)

Category	Carnaby's	Baudin's	Forest red-tailed	Source
Site is located within 12km of a confirmed or possible breeding site	Yes	N/A	No	(Glossop <i>et al.</i> 2011)
Site located in important bird area	No	N/A	N/A	(DPaW 2013; BirdLife International 2022)
Known roosts occur within site [^]	0		0	(Birdlife Australia 2023)
Known roosts occur within 12 km of site [^]	6		4	
Potential foraging habitat within site	Yes	Yes	Yes	(Forest Products Commission 2020; Emerge Associates 2021)
Potential foraging habitat in local area (including pine plantations)	Yes	Yes	Yes	

*Whilst no datasets of breeding distributions are available for forest red-tailed black cockatoos, they are known to breed across the Swan Coastal Plain and Jarrah Forest (Johnstone *et al.* 2013).

[^]'White-tailed black cockatoo' roosts can be Carnaby's black cockatoo and/or Baudin's black cockatoo.

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3 Methods

3.1 Field survey

One zoologist from Emerge visited the site between 26 and 29 September 2023 to conduct the basic fauna survey and targeted black cockatoo field survey. Two zoologists visited the site on 7 and 8 October 2023, 20 November 2024 and 2 December 2024 to complete the targeted black cockatoo field survey.

Transects were traversed across the site during the day to evaluate the fauna habitat and record the presence of fauna species. Fauna habitat was assessed based on vegetation condition, the overall disturbances to the area and the microhabitat characteristics such as soil type and leaf litter density as well as the presence of logs, rocks, leaf litter and water. An opportunistic fauna list was compiled which included evidence of species presence such as tracks, scats, skeletal remains, foraging evidence and calls.

3.1.1 Targeted black cockatoo

Transects were traversed across the site and the presence of potential black cockatoo breeding, night roosting and foraging habitat was recorded. If observed, the presence of black cockatoos within or near the site was noted. Active searches for evidence of breeding, roosting and foraging activity such as chew marks, branch clippings, droppings, moulted feathers and chewed marri or banksia fruit were conducted.

3.1.1.1 Breeding habitat

All native eucalypts within the site that had a DBH ≥ 50 cm (≥ 30 cm for wandoo) were recorded. Occasionally, native eucalypts were encountered that met DBH requirements but did not contain a trunk/branch of a sufficient size to support a hollow suitable for use by black cockatoos. For example, the tree may have been less than 3 m tall or had a trunk that forked between 1.3 m and 3 m in height and after the fork no limbs had a diameter of ≥ 50 cm or ≥ 30 cm for wandoo or salmon gum. These trees were not recorded as habitat trees as the likelihood they would form a suitable hollow was low.

Habitat trees were individually identified and the attributes outlined in **Table 4** were recorded for each tree.

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Table 4: Attributes recorded for each habitat tree in the site

Attribute	Description
GPS location	The location was recorded using a handheld GPS unit
Tree species	Species and common name were identified
Diameter at breast height (DBH) (cm)	DBH was measured at breast height (1.3 m) using a diameter tape
Hollows potentially suitable for breeding by a black cockatoo	Number of hollows potentially suitable for breeding by a black cockatoo recorded (assessed from ground level only)
Tag number	Individually numbered aluminium tags were attached to trees with potentially suitable hollows.

Each habitat tree was assigned to a category listed in **Table 5** based on current black cockatoo guidelines (DAWE 2022).

Table 5: Habitat tree categories (DAWE 2022)

Category	Specifications
Known nesting tree	Trees (live or dead but still standing) which contains a hollow where black cockatoo breeding has been recorded or which demonstrates evidence of breeding (i.e. showing evidence of use through scratches, chew marks or feathers).
Suitable nesting tree	Trees with suitable nesting hollows present [^] , although no evidence of use. Note that any species of tree may develop suitable hollows for breeding.
Potential nesting tree	Trees that have a suitable DBH to develop a nest hollow, but do not currently have suitable nesting hollows. Trees suitable to develop a nest hollow in the future are 300-500 mm DBH. Note that many species of eucalypt may develop suitable hollows for breeding.

[^]Hollow determined to be suitable for use as breeding habitat by black cockatoos as listed above in **Section 3.1.1.1**

3.1.1.2 Roosting habitat

If present, groups of tall native and non-native trees were assumed to provide roosting habitat. The presence of active or historical roosts in these trees was determined through evidence of roosting activity, such as branch clippings, droppings or moulted feathers.

3.1.1.3 Foraging habitat

Foraging habitat was identified by assessing vegetation in the site for plant species known to provide food for black cockatoos (Davies 1966; Saunders 1980; Johnstone and Storr 1998; Johnstone and Kirkby 1999; Groom 2011; Johnstone *et al.* 2011; DAWE 2022).

Foraging habitat was classified as either 'native' or 'non-native' based on the predominant vegetation's naturalised status and in accordance with DAWE (2022).

It was also classified as either 'primary' or 'secondary' based on black cockatoo foraging preferences. Primary food plants were defined as those with historical and contemporary records of regular consumption by a black cockatoo species. Secondary food plants were defined as plants that black cockatoo species have been recorded consuming occasionally or that, based on their limited extent or agricultural origin, should not be considered a sustaining resource. A list of plant species classified as primary or secondary food plants is provided as **Appendix D**.

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Each patch of foraging habitat was assigned a foraging value for each species of black cockatoo likely to occur within the site. As it is not always possible to separate out food plants from non-food plants, mapped foraging habitat may also include vegetation comprising non-food plants. The proportion of non-food plants in mapped foraging habitat was minimised as far as practicable.

Evidence of black cockatoo foraging, such as chewed fruits, was searched for within the site and allocated to a black cockatoo species where possible.

3.2 Data analysis

3.2.1 Fauna identification

Fauna observed during the survey were identified in the field unless unknown. Where fauna was unknown, photographs and/or noted observations were recorded. Unknown fauna was identified through the use of taxonomic keys and field guides.

3.2.1.1 Nomenclature and sources of information

Taxonomy and nomenclature of scientific and common names for mammals, reptiles and amphibians follow the *Western Australian Museum (WAM) Checklist of the Terrestrial Vertebrate Fauna of Western Australia* (WAM 2022). For birds taxonomy and nomenclature of scientific and common names follows the Australian Faunal Directory (AFD) (DCCEEW 2023a). Where common names were not provided by the WAM or the AFD, these have been derived from other sources as noted.

Literature listed in **Appendix A** represent the main publications used to identify fauna species and habitats within the site.

3.2.2 Fauna habitat

Fauna habitats were described according to the dominant flora species and vegetation type present, as determined from observations made during the field survey and information provided in the '*Detailed Flora and Vegetation Assessment*' (Emerge Associates 2023). Significant microhabitat features present in each habitat were also described.

The identified fauna habitats were mapped on aerial photography with the boundaries interpreted from aerial photography, (Emerge Associates 2023) plant communities and notes taken in the field.

3.2.3 Black cockatoo habitat

3.2.3.1 Habitat trees

Habitat trees were classified according to the scheme outlined in **Table 5** and mapped on aerial imagery. A complete summary of the recorded attributes of habitat trees was compiled in a tabular format.

3.2.3.2 Foraging habitat value

Foraging habitat was described according to the dominant flora species or vegetation type present and mapped using boundaries interpreted from aerial photography and notes taken in the field. The

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foraging value of each patch of foraging habitat was attributed separately for each species of black cockatoo likely to occur in the site. Foraging value was assigned as outlined in section **3.1.1.3**.

3.3 Survey limitations

It is important to note the specific constraints imposed on surveys and the degree to which these may have limited survey outcomes. An evaluation of the survey methodology against standard constraints outlined in the EPA's document *Technical Guidance – Terrestrial vertebrate fauna surveys for environmental impact assessment* (EPA 2020) is provided in **Table 6**.

Table 6: Evaluation of survey methodology against standard constraints outlined in the EPA's Technical Guidance – Terrestrial vertebrate fauna surveys for environmental impact assessment (EPA 2020)

Constraint	Degree of limitation	Details
Level of survey	No limitation	A basic survey (desktop study and field survey) in combination with a targeted black cockatoo survey was undertaken. The level of survey and survey effort are considered adequate to assess the fauna and black cockatoo habitat values within the site.
Scope	No limitation	The survey focused on vertebrate fauna and habitat values, with particular focus on black cockatoos and other conservation significant taxa with potential to occur within the site.
Proportion of fauna identified, recorded and/or collected.	No limitation	All observed vertebrate fauna were identified.
Sources of information e.g. previously available information (whether historic or recent) as distinct from new data.	No limitation	Adequate information was available from database searches, previous surveys and literature references.
The proportion of the task achieved and further work which might be needed.	No limitation	The task was achieved in its entirety.
Experience level of personnel	No limitation	This fauna and black cockatoo assessment was undertaken by qualified zoologists and ecologists with between 2 and 5 years' experience in Western Australia. Technical review was undertaken by a senior environmental consultant with over 13 years' experience in environmental science in Western Australia.
Suitability of timing, weather and season	No limitation	Survey timing is not considered to be of great importance for basic fauna assessments but the weather conditions during the survey were ideal for detecting fauna species. The survey was undertaken during the black cockatoo peak breeding season to maximise the chance of detecting breeding behaviour.
Completeness	No limitation	The desktop assessment, field survey and targeted black cockatoo components of the survey were completed comprehensively.

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Table 6: Evaluation of survey methodology against standard constraints outlined in the EPA’s Technical Guidance – Terrestrial vertebrate fauna surveys for environmental impact assessment (EPA 2020) (continued)

Constraint	Degree of limitation	Details
Spatial coverage and access	No limitation	Site coverage was comprehensive (track logged).
	No limitation	All parts of the site could be accessed as required.
Survey intensity	No limitation	The intensity of the survey was adequate given the size of the site and the relatively low habitat value present.
Influence of disturbance	No limitation	No recent disturbance was noted that may have affected outcomes of the survey.
Adequacy of resources	No limitation	All resources required to perform the survey were available. The guidance currently available from Commonwealth and State agencies on the assessment of black cockatoo habitat is limited and relies heavily on technical experts preparing their own methodology. This assessment applies an internally developed methodology that is considered to provide a systematic and balanced characterisation of black cockatoo habitat.
Compliance with EPA (2020) guidance	Minor limitation	The EPA guidance requires that a full list of all fauna species with potential to occur within the site is compiled. As part of this assessment a comprehensive list of fauna species of conservation significance was compiled. Non-conservation taxa with potential to occur within the site were not compiled into a list but are provided as raw data in Appendix D . Given that all species with potential to occur within the site are still identified within the relevant appendices this is not considered to affect the outcomes of this assessment.

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4 Results

4.1 Fauna

4.1.1 Species inventory

A total of 45 native fauna species were directly or indirectly (from foraging evidence) recorded during the field survey. No introduced fauna species were recorded.

A complete species list is provided in **Appendix F**.

4.1.2 Threatened, specially protected and priority fauna

Three threatened and one priority fauna species were recorded within the site: Carnaby's black cockatoo (EN), Baudin's black cockatoo (EN), forest red-tailed black cockatoo (VU) and western brush wallaby (P4). No specially protected fauna were recorded.

Small flocks of black cockatoos were observed on each day of the field survey either flying over the site, perching or foraging. Visual identification was made of both Carnaby's black cockatoo and Baudin's black cockatoo to avoid misidentification by call. Foraging evidence of all three species was observed throughout the site.

One western brush wallaby individual was observed in the southern portion of the site on two of the field survey days. On both occasions the wallaby had been startled while likely resting and vacated the area.

4.1.3 Declared pests

No species listed as a declared pest (C3) pursuant to the BAM Act were identified during the survey.

4.2 Fauna habitat



Three broad fauna habitats were identified within the site, as listed in in **Table 7**.

A description, the size of the area and a representative photograph of each habitat is provided in **Table 7**. The location of each habitat is shown on **Figure 5**.

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Table 7: Fauna habitats identified within the site

Fauna habitat	Description	Total area (ha)	Proportion of site (%)	Representative photograph
Eucalypt forest	<p>Open forest of <i>Eucalyptus wandoo</i>, <i>Eucalyptus marginata</i> and/or <i>Corymbia calophylla</i> over low mixed shrubs and grasses.</p> <ul style="list-style-type: none"> • Medium to high microhabitat complexity • Hollows, burrows, logs and leaf litter. • Suitable for Carnaby's black cockatoo (EN), Baudin's black cockatoo (EN), forest red-tailed black cockatoo (VU), chuditch (VU), Dell's skink (P4), numbat (EN), red-tailed phascogale (CD/VU), south-western brush-tailed phascogale (CD), western brush wallaby (P4), western false pipistrelle (P4) and woylie (CR/EN). 	95.39	1.30	
Tall shrubland	<p>Open to closed forest of <i>Allocasuarina huegeliana</i> with occasional <i>Eucalyptus marginata</i>, <i>Corymbia calophylla</i> and <i>Eucalyptus wandoo</i> (or absent) over tall shrubland of <i>Banksia sessilis</i> and <i>Hakea prostrata</i> over mixed native understorey (or absent) and/or pasture weeds.</p> <ul style="list-style-type: none"> • Low to medium microhabitat complexity • Occasional logs and leaf litter. • Suitable for black cockatoos (foraging habitat only). Likely only used by ground dwelling fauna for traversal between other habitats. • Majority of vegetation is rehabilitation on ripped ground. 	8.97	8.48	

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Table 7: Fauna habitats identified within the site (continued)

Fauna habitat	Description	Total area (ha)	Proportion of site (%)	Representative photograph
Cleared areas	<p>Cleared tracks and hardstand.</p> <ul style="list-style-type: none"> • Low microhabitat complexity • Likely only used by species traversing between habitats. • High disturbance with signs of recent use from vehicles. 	1.38	1.30	
Water	Small area of unvegetated banks and surface water associated with a dam.	0.03	0.03	No photo

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4.3 Black cockatoo habitat

4.3.1 Breeding

A total of 1,759 black cockatoo habitat trees were recorded within the site as shown in **Figure 6**.

The habitat trees comprised 1,119 wandoo, 350 jarrah, 96 marri, 5 flooded gum and 189 stag (dead) trees.

Of the 1,759 trees recorded, 104 were determined to each contain at least one hollow suitable for black cockatoo breeding when observed from the ground. The remaining trees contained no hollows suitable for breeding by black cockatoos.

A summary of the habitat trees recorded within the site is provided in **Table 8** and an inventory in **Appendix G**.

Table 8: Habitat trees recorded within the site

Category	No. trees
Known nesting trees	0
Suitable nesting trees	104
Potential nesting trees	1,655
Total nesting trees	1,759

4.3.2 Roosting

No roosts or evidence of roosting were observed within the site during the survey.

Trees within the site have the potential to provide roosting habitat for black cockatoos.

4.3.3 Foraging

A total of 104.36 ha of foraging habitat for Carnaby's black cockatoo and Baudin's black cockatoo and 95.39 ha for forest red-tailed black cockatoo were recorded in the site as shown in **Figure 7** to **Figure 9**.

The extent of foraging habitat by value category is detailed in **Table 9**.

Table 9: Foraging habitat recorded within the site

Foraging habitat	Black cockatoo species and area of foraging habitat (ha)		
	Carnaby's	Baudin's	Forest red-tailed
Native primary	104.36	52.71	99.39
Native secondary	0	48.64	0
Non-native primary	0	0	0
Non-native secondary	0	0	0
Total	104.36	99.71	99.76

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5 Discussion

5.1 Fauna

The 45 native fauna species recorded within the site are all relatively common to the northern Jarrah Forest region. A diverse range of birds were observed reflecting the high value habitat within the site. No introduced species were observed and an absence of secondary evidence would suggest that introduced fauna abundance is low in this remnant patch of forest.

5.1.1 Threatened, specially protected and priority fauna

Baudin's, Carnaby's and forest red-tailed black cockatoos were recorded within the site. These species are discussed further in **Section 5.3**.

Western brush wallaby (P4) was observed in the southern portion of the site but is likely to use all of the **eucalypt forest** habitat. There are numerous recent records of this species within 10 km suggesting that it is a relatively common inhabitant of remnant forest in Boddington and the wider area.

Four threatened, three specially protected and three priority species were also considered to possibly occur in the site:

- Woylie (CR/EN) was translocated in the mid-90s to vegetation surrounding Newmont Gold Mine, approximately 8 km north-west of site. The species appears to still occur in the area with a live record from 2019. Vegetated corridors connect the areas of vegetation surrounding Newmont Gold Mine to the site and surrounds. Woylies may use these corridors to traverse to suitable habitat such as that found in the site.
- The closest numbat record to the site occurs 2 km west and is from 2021. This record occurs within native vegetation that is contiguous with the **eucalyptus forest** habitat in the site. Bannister-Marradong Road separates the patches of vegetation but is not considered to present a barrier to movement of the species. The site contains suitable habitat for the species with numerous fallen logs for shelter and so it may occur.
- Numerous recent (<10 years) chuditch (VU) records exist in vegetation surrounding Newmont's gold mine and South32's bauxite mine, with the closest record occurring 2.4 km to the south-west of the site. Chuditch can inhabit dry sclerophyll forests such as the **eucalypt forest** habitat within the site but have large home ranges (up to 1500 ha). Therefore, the site is likely to support the species in conjunction with vegetation opposite Newmarket and Bannister-Marradong Roads.
- Several records exist in the Boddington area for red-tailed phascogale (CD/VU) and south-western brush -tailed phascogale (CD). The closest red-tailed phascogale record occurs approximately 450 m north of the site and the closest south-western brush-tailed phascogale record occurs approximately 2.4 km to the south-west. The numerous hollows and open forest in the site would provide ideal habitat and therefore both species have a high likelihood of occurrence.
- Numerous quenda (P4) records occur in the wider area. However, no secondary evidence attributable to quenda was observed during the field survey, suggesting that this species may

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prefer remnant vegetation with a denser understorey or planted gardens within the town site. Nevertheless, quenda may pass through and/or forage within the site.

- The site lies at the northern extent of the western false pipistrelle (P4) as it prefers the wetter forest in the south-west. Multiple records occur at South32's Saddleback mine site approximately 8.5 km south of the site. Numerous hollows within the site could provide roosting habitat for this species and so it may occur.
- Scattered records of Dell's skink (P4) occur in the wider area with the closest record approximately 10 km to the north-west. Portions of the **eucalypt forest** habitat with more dense understorey within the site would potentially be suitable for this species.
- Pacific swift (MI) and peregrine falcon (OS) are highly mobile species that may opportunistically fly over or forage in the site for short periods of time as part of a much larger home range. Neither of these species would breed within the site. Any occurrence of pacific swift and peregrine falcon in the site would likely be in the air space and largely independent from terrestrial habitat.

5.2 Fauna habitat

The habitat values within the site have remained largely intact despite some historical clearing which resulted in the removal of native vegetation in the north-western portion of the site. The majority of cleared vegetation has since been rehabilitated with native plant species to form the **tall shrubland** habitat that will likely change in structure over time. A large dam is situated immediately to the north-west of the site which would provide water to fauna inhabiting the site.

Habitat values are greatest with respect to the **eucalypt forest** habitat, which covers most of the site and immediate area. This habitat provides a contiguous cover of predominantly native trees with a native understorey that has remained largely undisturbed. Most of the bird species recorded in the site were observed in this habitat during the field survey. However, several microhabitat features that provide crucial refuge opportunities for a range of mammals and reptiles, such as hollowed trees and fallen logs, are also present.

The **tall shrubland** and **cleared areas** habitats are likely to be predominantly used by common and widespread native and non-native fauna with non-specific habitat requirements, which enable them to persist in highly modified environments. The **tall shrubland** habitat also provides a temporary corridor for fauna traversing between forest vegetation in and outside the site.

5.3 Black cockatoo habitat values

Carnaby's black cockatoo, Baudin's black cockatoo and forest red-tailed black cockatoo were all directly recorded during the field survey along with indirect foraging evidence in the form of chewed marri fruit. Records for these species were not unexpected as the site is located within their modelled distribution ranges and suitable habitat occurs within the site and the local area.

5.3.1 Breeding

Of the 1,650 habitat trees, 104 currently provide potential breeding habitat for black cockatoos based on observations made from ground level. However, it is unlikely that all of those hollows will

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be suitable due to the specific internal dimensions required by black cockatoos. An internal hollow inspection would be required to determine the precise number of hollows suitable for breeding by black cockatoos within the site.

The remaining habitat trees in the site have the potential to form suitable hollows in the future. However, it will likely take many decades for hollows to form that are large enough to be suitable for use by black cockatoos for breeding.

The location of the site is ideal for breeding with the dam located adjacent to the northwest boundary providing a permanent water source.

5.3.2 Roosting

No secondary evidence of roosting such as branch clippings, droppings or feathers were observed within the site. Therefore, there is no reason to suspect that roosting by black cockatoos has recently occurred in the site. Nevertheless, the site contains many tall trees and groups of tall trees that have the potential to provide roosting habitat for black cockatoos.

5.3.3 Foraging

The site contains native foraging habitat for each species of black cockatoo. The majority of the foraging habitat occurs as a contiguous area of mixed forest vegetation and comprises a combination of primary and secondary food plants interspersed with some non-food plants. This forest vegetation matches the suitable native foraging habitat described in the black cockatoo guidelines (DAWE 2022).

Primary foraging plants are defined as those with historical and contemporary records of regular consumption by a black cockatoo species. Primary foraging habitat within the site is predominantly associated with the native eucalypts. Marri provides primary foraging habitat for all three black cockatoo species while jarrah and wandoo provide primary foraging habitat for Carnaby's black cockatoo and forest red-tailed black cockatoo. *Banksia sessilis* (parrot bush) and *Hakea prostrata* (harsh hakea) are also considered primary foraging plants for Carnaby's black cockatoo.

The secondary foraging habitat within the site is predominantly associated with jarrah and wandoo for Baudin's black cockatoo. *Allocasuarina* spp. (sheoak) is considered a secondary foraging plants for all three species of black cockatoo and *Xanthorrhoea preissii* (grass trees) are a secondary foraging plant for the white-tailed black cockatoos (Carnaby's and Baudin's). While there are records of black cockatoo consuming the fruit of these plants, they are likely to be opportunistically consumed rather than relied upon.

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6 Conclusions

Outcomes of the basic fauna assessment include the following:

- The majority of the site (approximately 90%) supports **eucalypt forest** habitat which provides high value to a range of fauna species including some of conservation significance. The remainder of the site comprises the **tall shrubland, cleared areas** and **water** habitat (approximately 10% in total).
- A total of 45 native fauna species were recorded within the site.
- Four threatened, specially protected and priority species were recorded during the survey: Carnaby's black cockatoo (EN), Baudin's black cockatoo (EN), forest red-tailed black cockatoo (VU) and western brush wallaby (P4).
- While not recorded during the field survey, the following species have a high likelihood of occurring in the site:
 - chuditch (VU)
 - red-tailed phascogale (CD/VU)
 - south-western brush-tailed phascogale (CD)
- Seven other species of conservation significance not recorded during the field survey have a moderate likelihood of occurring in the site:
 - numbat (EN)
 - woylie (CR/EN)
 - Pacific swift (MI)
 - Peregrine falcon (OS)
 - Dell's skink (P4)
 - quenda (P4)
 - western false pipistrelle (P4)

Outcomes of the targeted black cockatoo survey include the following:

- Carnaby's black cockatoo, Baudin's black cockatoo and forest red-tailed black cockatoo were recorded in the site during the field survey.
- The site contains 1,759 habitat trees of which 104 potentially contain hollows suitable for use by black cockatoos for breeding when viewed from the ground level. Therefore, the site currently provides suitable breeding habitat for all three species of black cockatoo.
- No roosts or evidence of roosting by any species of black cockatoo was recorded within the site during the field survey. Tall native and non-native trees within the site represent suitable roosting habitat for black cockatoos.
- A total of 104.36 ha of foraging habitat for Carnaby's black cockatoo was mapped within the site, all of which comprises native primary plants.
- A total of 104.36 ha of foraging habitat for Baudin's black cockatoo was mapped within the site of which 55.71 ha (53.38 %) comprises native primary plants and 47.00 ha (46.60 %) comprises native secondary plants.
- A total of 95.39 ha of foraging habitat for forest red-tailed black cockatoo was mapped within the site, all of which comprises native primary plants.
- Additional areas of breeding, foraging and roosting habitat of similar or higher value occur adjacent to the site and in the wider local area.

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7 References

7.1 General references

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Basic Fauna and Targeted Black Cockatoo Assessment

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7.2 Online references

The online resources that have been utilised in the preparation of this report are referenced in **Section 7.1**, with access date information provided in **Table R 1**.

Table R 1 Access dates for online references

Reference	Date accessed	Website or dataset name
Atlas of Living Australia	5 December 2023	Atlas of Living Australia – Spatial Portal
BirdLife International (2023)	5 December 2023	Important Bird Areas
BoM (2023)	5 December 2023	Climate Data Online
DAWE (2023)	5 December 2023	Species Profile and Threats Database
DAWE (2023)	8 August 2022	Protected Matters Search Tool
DBCA (2023)	8 August 2022	NatureMap
DCCEEW (2023)	5 December 2023	Australian Faunal Directory
WALIA (2023)	5 December 2023	Landgate Map Viewer

Figures



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Figure 7: Carnaby's Black Cockatoo Foraging Habitat

Figure 8: Baudin's Black Cockatoo Foraging Habitat

Figure 9: Forest Red-tailed Black Cockatoo Foraging Habitat

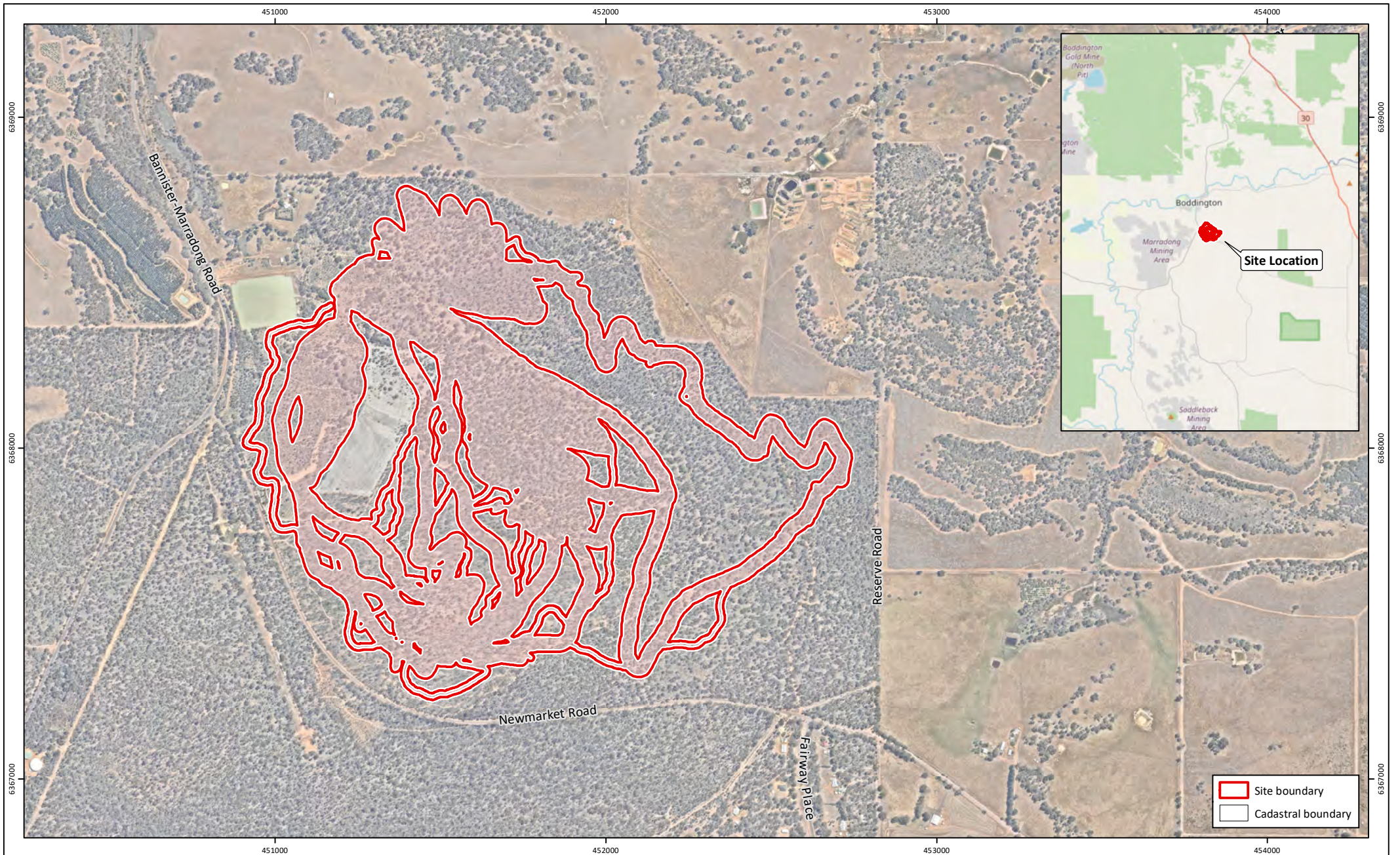


Figure 1: Site Location

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)--F16
Drawn: CTH
Date: 04/11/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



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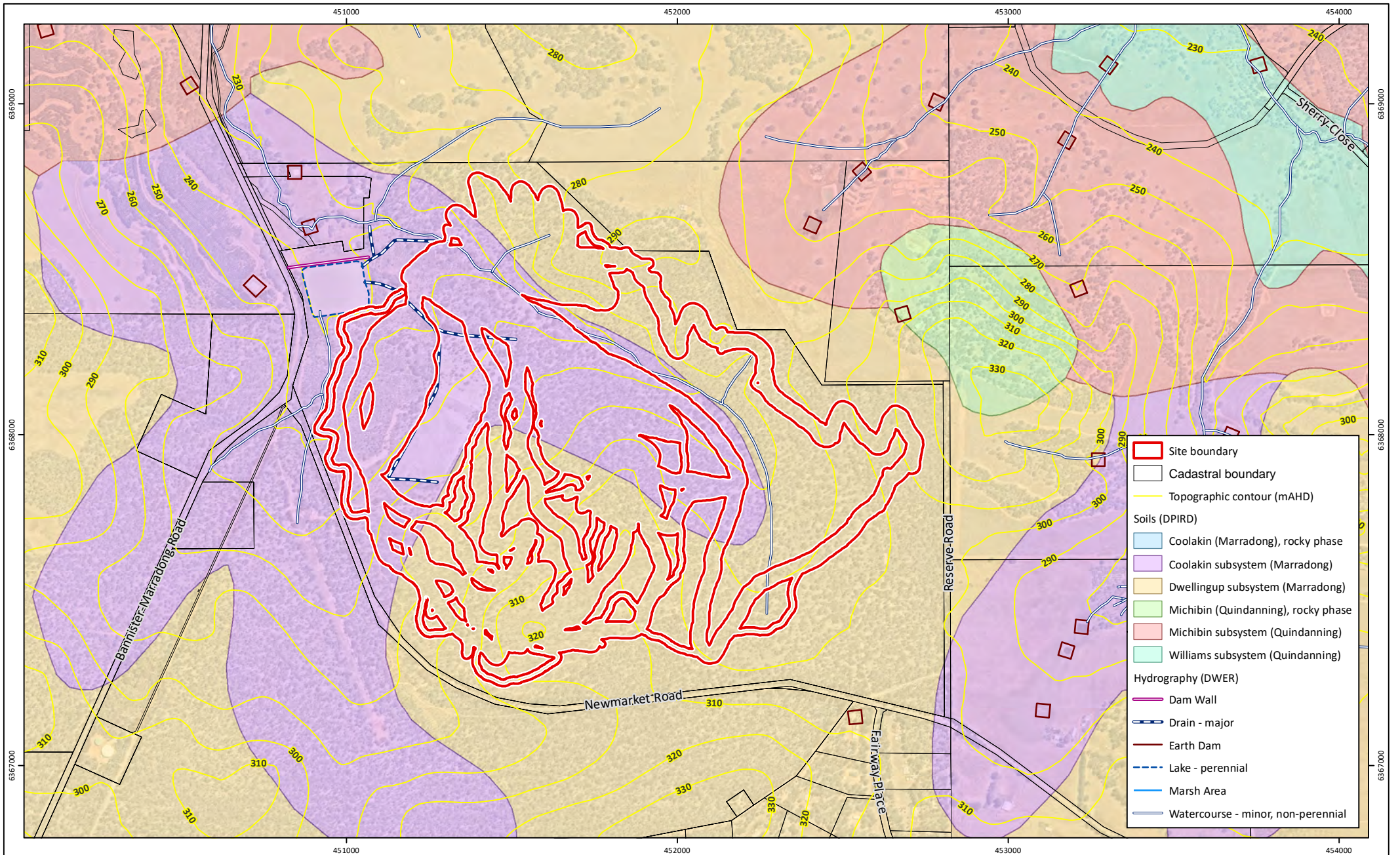


Figure 2: Hydrography, Soils and Topography

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)-F17
Drawn: CTH
Date: 04/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



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GDA2020 MGA Zone 50



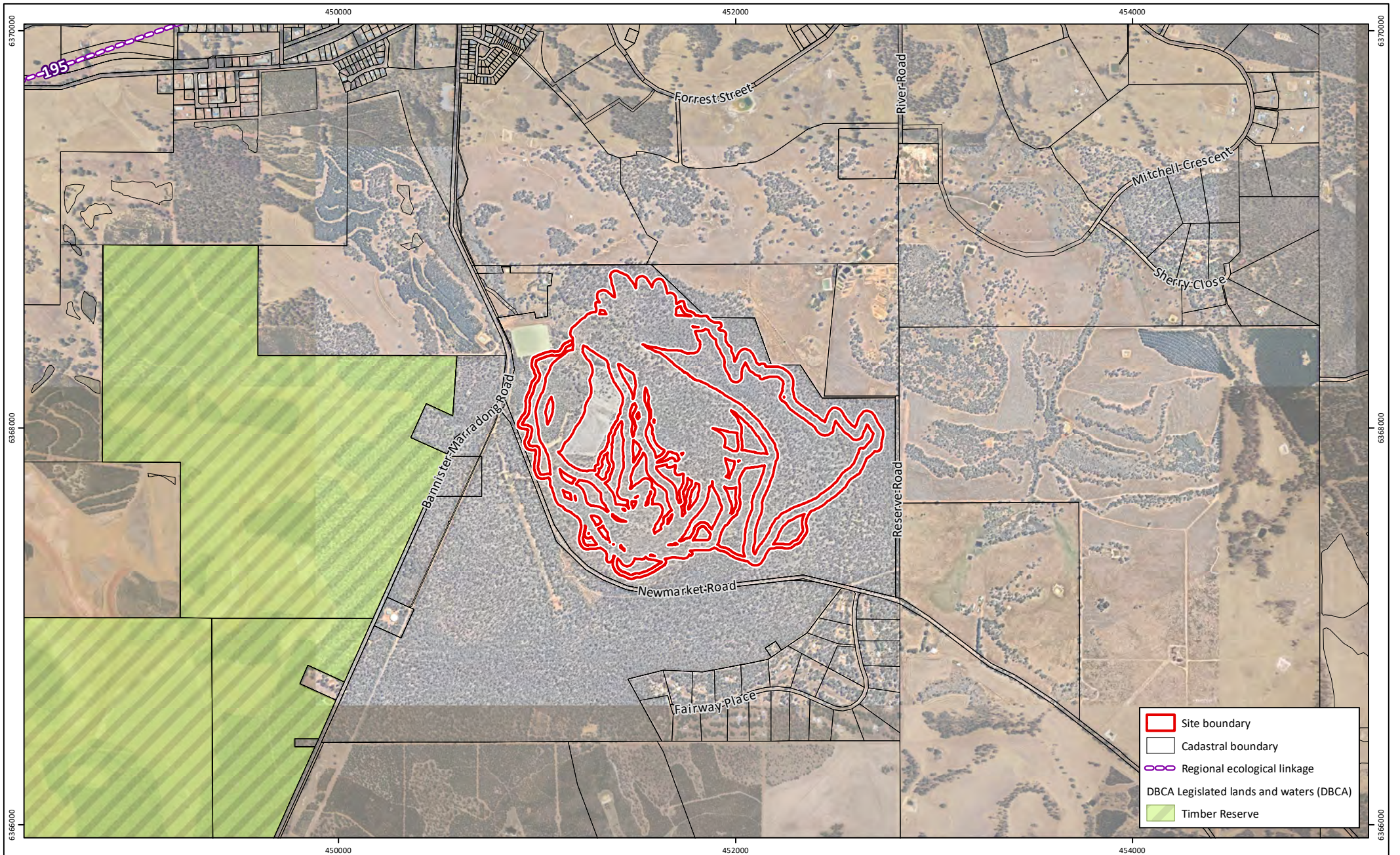
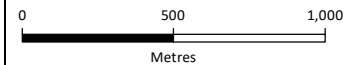


Figure 3: Environmental Features

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)-F18
Drawn: CTH
Date: 04/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



Scale: 1:25,000@A4
GDA2020 MGA Zone 50

- Site boundary
- Cadastral boundary
- Regional ecological linkage
- DBCA Legislated lands and waters (DBCA)
- Timber Reserve

While Emmerge Associates makes every attempt to ensure the accuracy and completeness of data, Emmerge accepts no responsibility for externally sourced data used
©Landgate (2024). Nearmap Imagery date: 04/11/2014



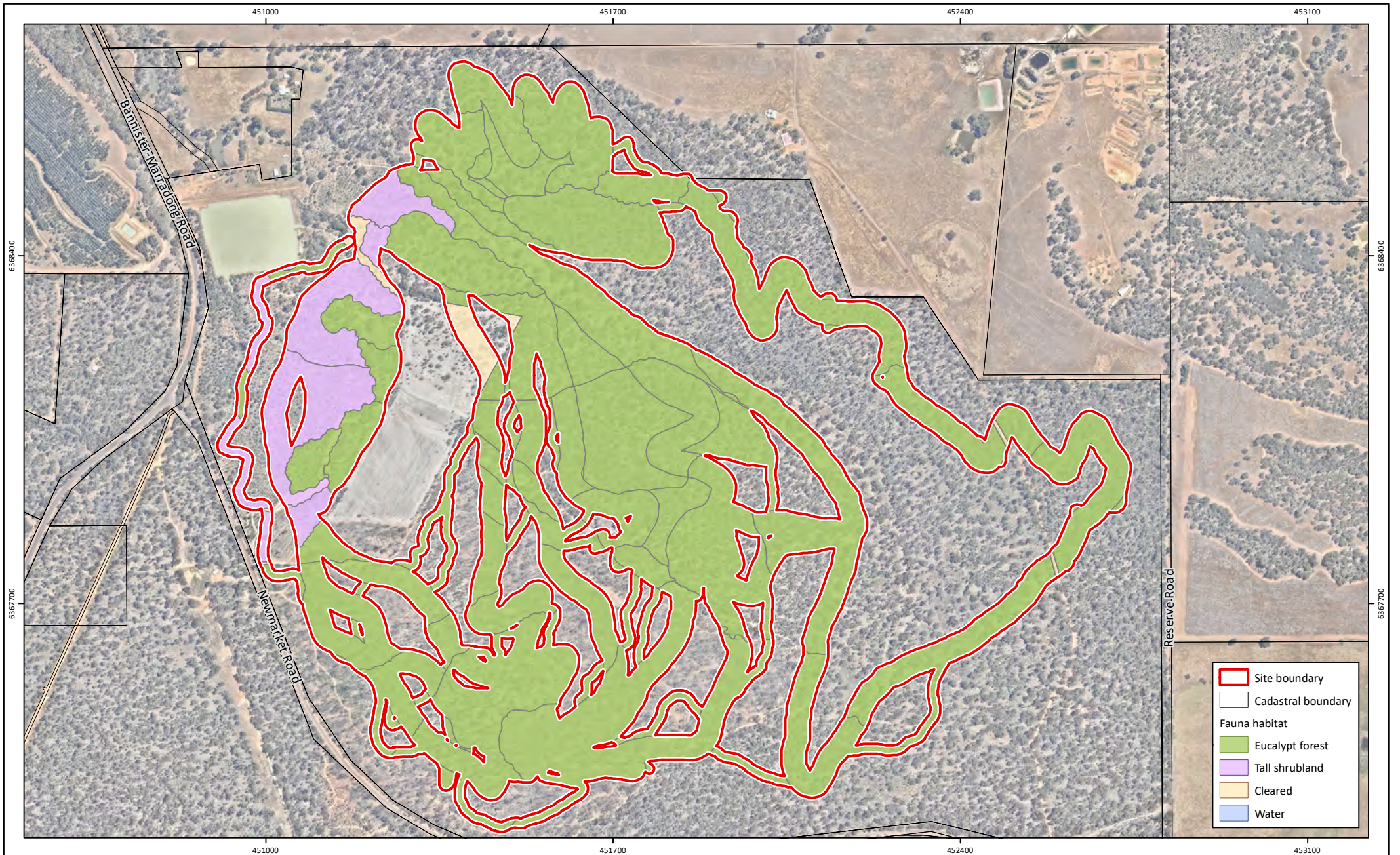


Figure 5: Fauna Habitat

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)--F19
Drawn: CTH
Date: 05/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



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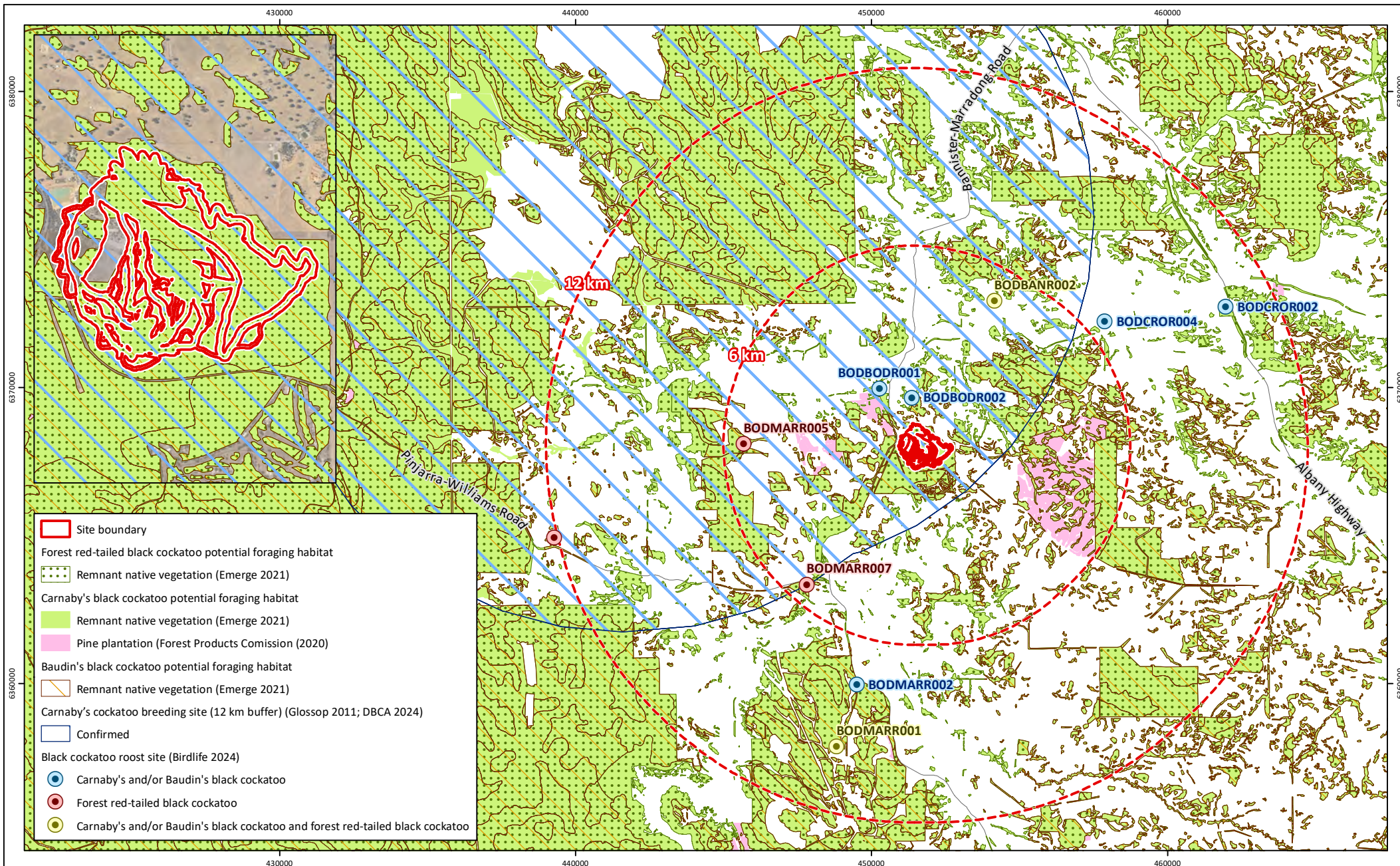



Figure 4: Black Cockatoo Habitat Context

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144

Client: Shire of Boddington

Plan Number: EP23-044(03)-F20
Drawn: CTH
Date: 05/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024

N



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Kilometers
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GDA 2020 MGA Zone 50



While Emmerge Associates makes every attempt to ensure the accuracy and completeness of data, Emmerge accepts no responsibility for externally sourced data used ©Landgate (2024).

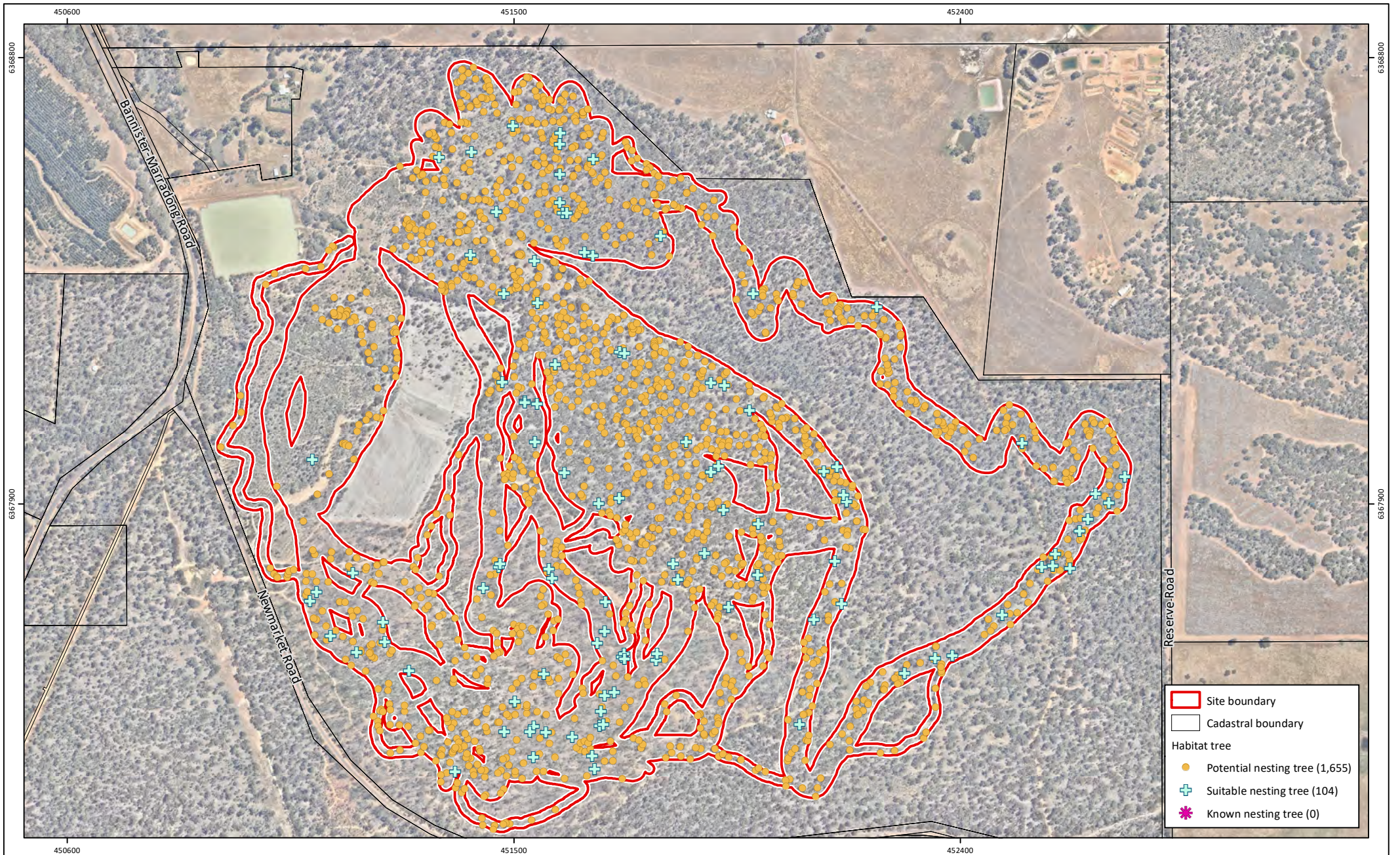
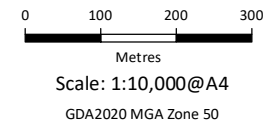


Figure 6: Black Cockatoo Habitat Trees

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)--F21
Drawn: CTH
Date: 05/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



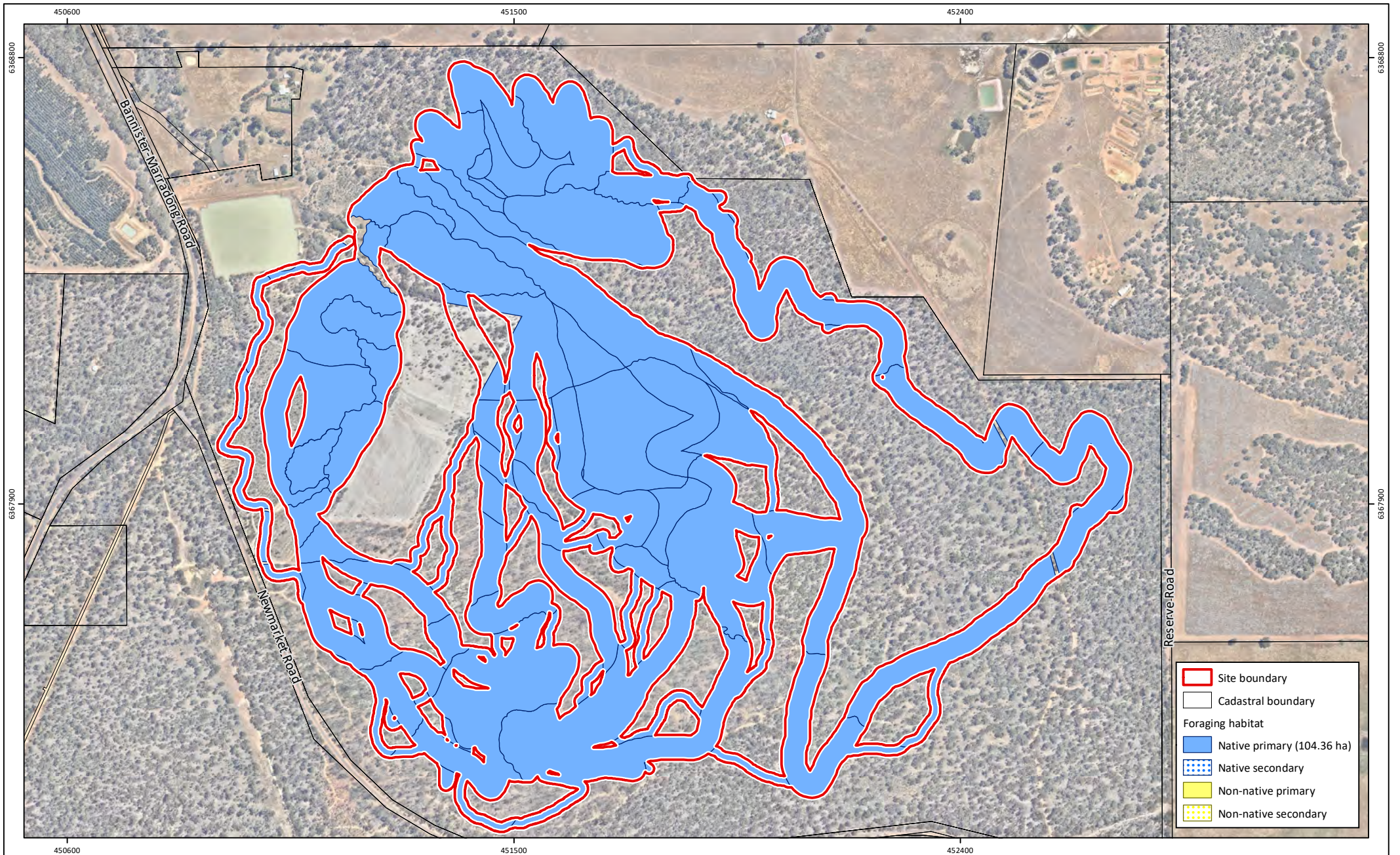


Figure 7: Carnaby's Cockatoo Foraging Habitat

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)--F22
Drawn: CTH
Date: 05/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



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Metres
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GDA2020 MGA Zone 50



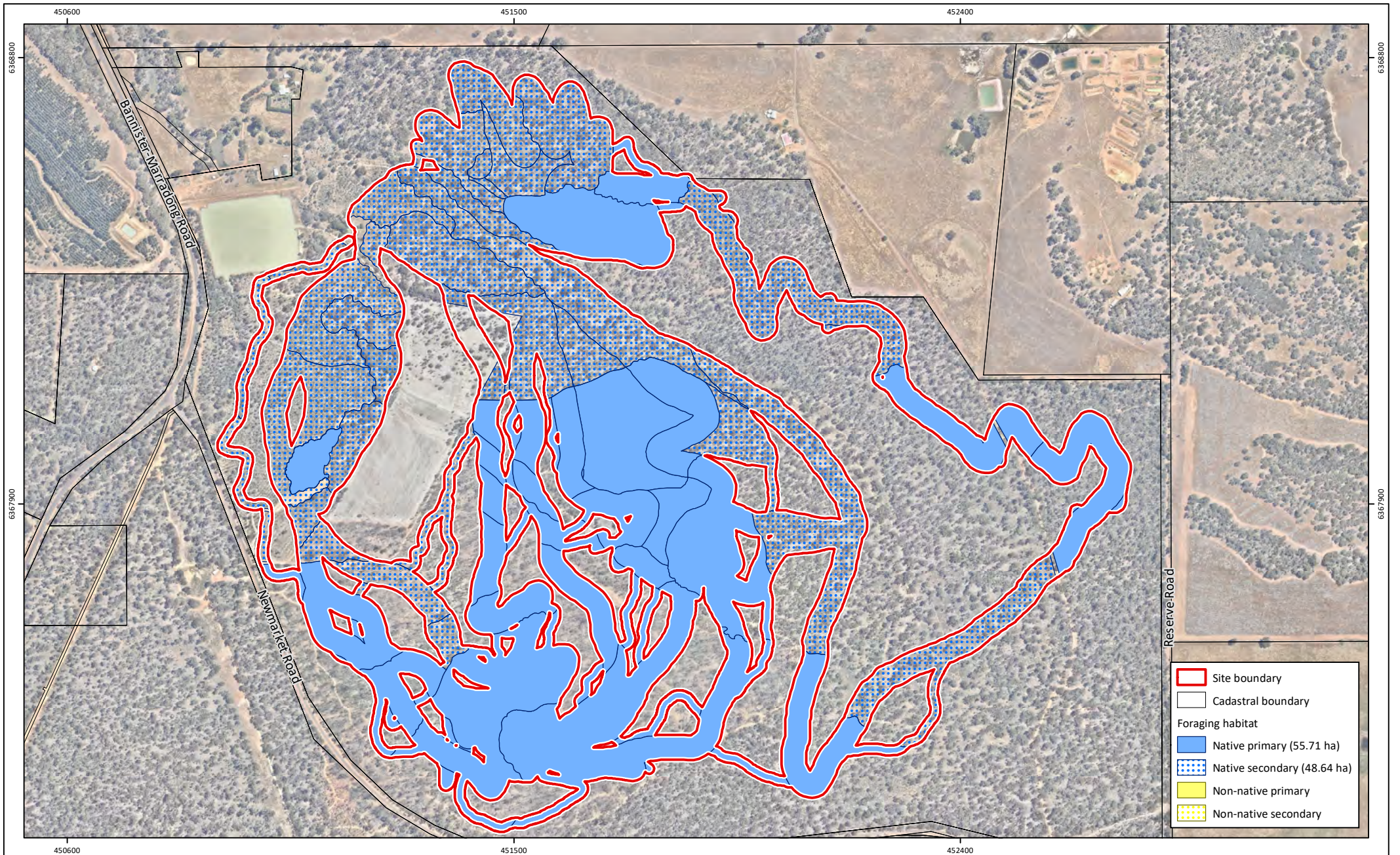
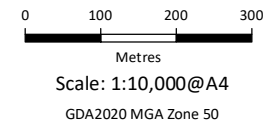


Figure 8: Baudin's Cockatoo Foraging Habitat

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)--F23
Drawn: CTH
Date: 05/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



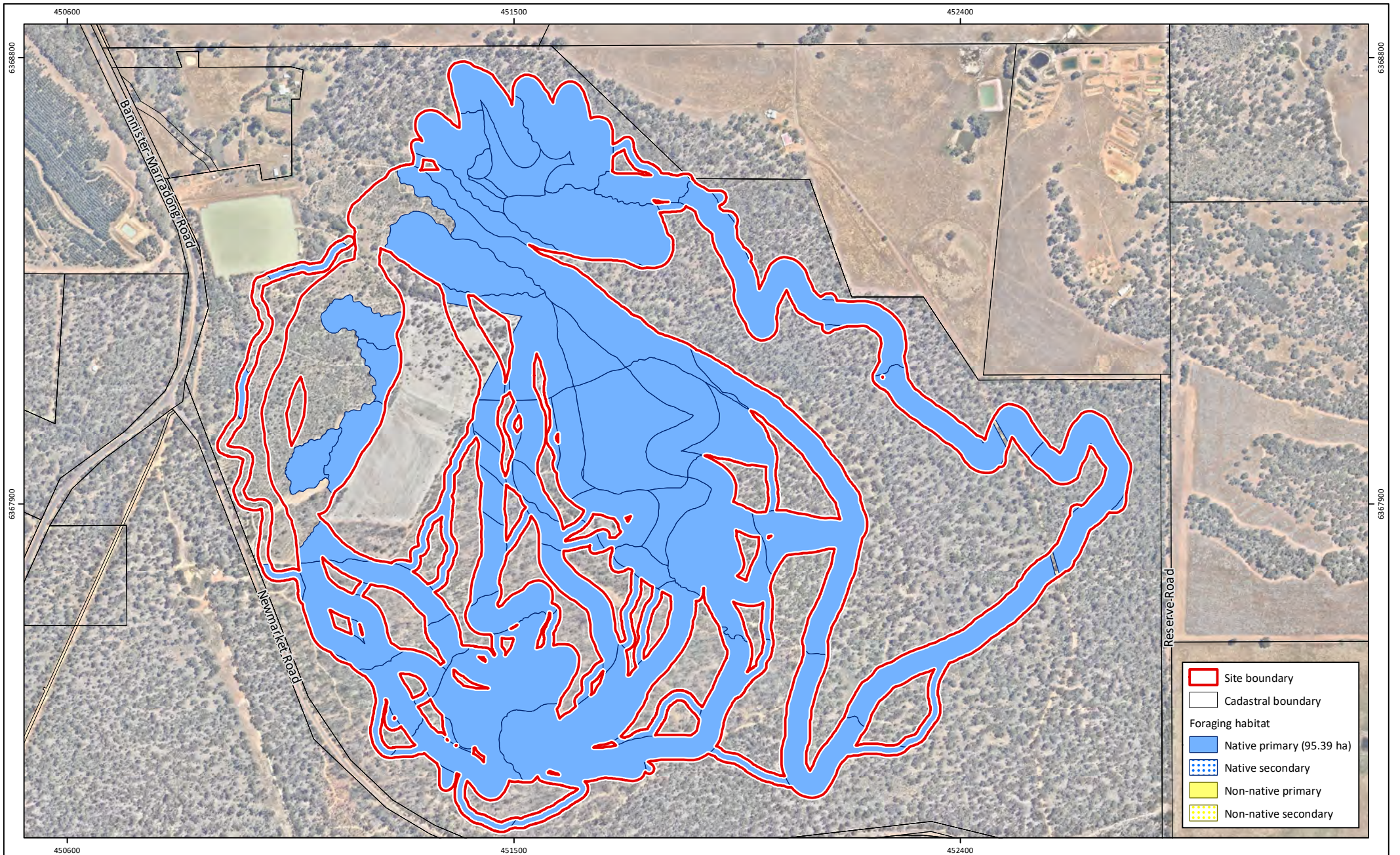


Figure 9: Forest Red-tailed Black Cockatoo Foraging Habitat

Project: Basic Fauna and Targeted Black Cockatoo Assessment
Part Lot 500 DP421144
Client: Shire of Boddington

Plan Number:
EP23-044(03)--F24
Drawn: CTH
Date: 05/12/2024
Checked: AJU
Approved: RAW
Date: 13/12/2024



0 100 200 300
Metres
Scale: 1:10,000@A4
GDA2020 MGA Zone 50



Appendix A

Additional Information



Conservation Significant Fauna

Threatened and priority fauna

Fauna species considered rare or under threat warrant special protection under Commonwealth and/or State legislation. At the Commonwealth level, fauna species can be listed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) as ‘threatened’, ‘migratory’ or ‘marine’ as described in **Table 1**.

Migratory species comprise birds recognised under international treaties including:

- Japan Australia Migratory Bird Agreement 1981 (JAMBA)
- China Australia Migratory Bird Agreement 1998 (CAMBA)
- Republic of Korea-Australia Migratory Bird Agreement 2007 (ROKAMBA)
- Bonn Convention 1979 (The Convention on the Conservation of Migratory Species of Wild Animals).

Fauna species listed as threatened and migratory are protected in Australia as ‘matters of national environmental significance’ (MNES) under the EPBC Act.

Table 1: Definitions of conservation significant fauna species pursuant to the EPBC Act

Conservation Code	Category
X	Threatened Fauna –Extinct There is no reasonable doubt that the last member of the species has died.
EW [#]	Threatened Fauna –Extinct in the Wild Taxa which are known only to survive in cultivation, captivity or as a naturalised population outside its past range, or taxa which have not been recorded in its known and/or expected habitat despite appropriate exhaustive surveys.
CR [#]	Threatened Fauna – Critically Endangered Taxa which are considered to be facing an extremely high risk of extinction in the wild.
EN [#]	Threatened Fauna – Endangered Taxa which are considered to be facing a very high risk of extinction in the wild.
VU [#]	Threatened Fauna – Vulnerable Taxa which are considered to be facing a high risk of extinction in the wild.
Migratory [#]	Migratory Fauna All migratory species that are: (i) native species; and (ii) from time to time included in the appendices to the Bonn Convention; and (b) all migratory species from time to time included in annexes established under JAMBA, CAMBA and ROKAMBA; and All native species from time to time identified in a list established under, or an instrument made under, an international agreement approved by the Minister.
Ma	Marine Fauna Species in the list established under s248 of the EPBC Act

[#]matters of national environmental significance (MNES) under the EPBC Act

Additional Background Information



In Western Australia, fauna taxa may be classed as ‘threatened’, ‘extinct’, or ‘specially protected’ under the *Biodiversity Conservation Act 2016* (BC Act), which is enforced by Department of Biodiversity Conservation and Attractions (DBCA) (DBCA 2019a). The definitions of these categories are provided in **Table 2**.

Table 2: Definitions of specially protected fauna schedules under the BC Act (DBCA 2019a)

Category	Conservation Code	Definition
Threatened	CR	Critically endangered Threatened species considered to be facing an extremely high risk of extinction in the wild in the immediate future.
	EN	Endangered Threatened species considered to be facing a very high risk of extinction in the wild in the near future.
	VU	Vulnerable Threatened species considered to be facing a high risk of extinction in the wild in the medium-term future.
Extinct	EX	Extinct Species where there is no reasonable doubt that the last member of the species has died.
	EW	Extinct in the wild Species that is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; and it has not been recorded in its known habitat or expected habitat, at appropriate seasons, anywhere in its past range, despite surveys over a time frame appropriate to its life cycle and form. Note that no species are currently listed as EW.
Specially protected	MI	Migratory species Fauna that periodically or occasionally visit Australia or an external Territory or the exclusive economic zone; or the species is subject of an international agreement that relates to the protection of migratory species and that binds the Commonwealth Includes birds that subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) and The Republic of Korea (ROKAMBA), and the Bonn Convention, relating to the protection of migratory birds.
	CD	Species of special conservation interest (conservation dependent fauna) Fauna of special conservation need being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened.
	OS	Other specially protected species Fauna otherwise in need of special protection to ensure their conservation.

Additional Background Information

Fauna species that may be threatened or near threatened but lack sufficient information to be legislatively listed may be added to the DBCA's *Priority Fauna List* (DBCA 2018b). Species listed under priorities 1-3 comprise possible threatened species that do not meet survey criteria or are otherwise data deficient. Species listed under priority 4 are those that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been recently removed from the threatened species or other specially protected fauna lists for other than taxonomic reasons (DBCA 2019a).

Priority fauna species are considered during State approval processes. Priority fauna categories and definitions are listed in **Table 3** (DBCA 2019a).

Table 3: Definitions of priority fauna categories on DBCA's Priority Fauna List (DBCA 2019a)

Conservation Code	Category
P1	<p>Priority 1 – Poorly known</p> <p>Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either: very small; or on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, road and rail reserves, gravel reserves and active mineral leases; or otherwise under threat of habitat destruction or degradation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes. Such species are in urgent need of further survey.</p>
P2	<p>Priority 2 – Poorly known</p> <p>Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, e.g. national parks, conservation parks, nature reserves and other lands with secure tenure being managed for conservation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes. Such species are in urgent need of further survey.</p>
P3	<p>Priority 3 – Poorly known</p> <p>Species that are known from several locations and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Species may be included if they are comparatively well known from several locations but do not meet adequacy of survey requirements and known threatening processes exist that could affect them. Such species are in need of further survey.</p>
P4	<p>(a) Priority 4 – Rare species</p> <p>Species that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These species are usually represented on conservation lands.</p> <p>(b) Priority 4 – Near Threatened</p> <p>Species that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.</p> <p>(c) Priority 4 – Other</p> <p>Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.</p>

Additional Background Information



Black cockatoos

Three threatened species of black cockatoo occur on the Swan Coastal Plain (referred to herein collectively as 'black cockatoos'):

- *Zanda*¹ *latirostris* (Carnaby's black cockatoo) which is listed as 'endangered' under the EPBC Act and the BC Act.
- *Zanda*¹ *baudinii* (Baudin's black cockatoo) which is listed as 'endangered' under the EPBC Act and the BC Act.
- *Calyptorhynchus banksii naso* (forest red-tailed black cockatoo) which is listed as 'vulnerable' under the EPBC Act and the BC Act.

There are a range of regional studies and spatial datasets available which provide information on black cockatoo records and potential habitat mapping. These are detailed below.

Species distribution and breeding range

Broad-scale maps are available for the modelled distribution of Baudin's black cockatoo, Carnaby's black cockatoo and forest red-tailed black cockatoo (DSEWPaC 2011; DoEE 2016a, b).

The modelled distribution maps also include 'known breeding areas' and 'predicted breeding range' for Baudin's black cockatoo and 'breeding range' and 'non-breeding range' for Carnaby's black cockatoo.

No breeding range modelling is available for forest red-tailed black cockatoo but the species is known to breed mainly in the jarrah forest region (DBCA 2017a) and in small populations on the Swan Coastal Plain within the Baldvis, Stake Hill, Lake McLarty and Capel area and increasingly in the Perth metropolitan area (DAWE 2022).

Breeding habitat

Department of Environment and Conservation (DEC, now Department of Biodiversity, Conservation and Attractions (DBCA)) and fauna experts, have identified and mapped Carnaby's black cockatoo habitat on the Swan Coastal Plain and Jarrah Forest regions (Glossop *et al.* 2011). This dataset includes mapping of Carnaby's black cockatoo breeding sites based on point records of breeding from a range of sources. Breeding sites were classified as 'confirmed' where eggs or chicks were recorded and 'possible' where observations relating to Carnaby's black cockatoo breeding that did not include actual records of eggs or chicks (e.g. chewed hollows or records of breeding or nesting behaviour by an expert observer).

A 12 km buffer applies to each site to 'reflect the flexible use of these areas by cockatoos and to indicate the important zone for access to potential feeding habitat' (Glossop *et al.* 2011). Glossop *et al.* (2011) state that the areas mapped in the dataset are not a comprehensive record of Carnaby's black cockatoo breeding and that many nesting sites are not known.

While this dataset only applies to Carnaby's black cockatoo, the information it contains is also applicable for Baudin's black cockatoo and forest red-tailed black cockatoo as they have similar

¹ Previously *Calyptorhynchus*

Additional Background Information



breeding habitat requirements. That is, breeding sites that are suitable for Carnaby's black cockatoo may also be suitable for Baudin's black cockatoo and forest red-tailed black cockatoo, if located within their distribution/breeding ranges.

BirdLife Australia also maintain a database of confirmed black cockatoo breeding sites which is accessible via a paid search system. BirdLife Australia have advised that their database is comprised of data collected during surveys by staff and volunteers of which most (>99%) surveys are of Carnaby's black cockatoo. They have also advised that the dataset is not comprehensive and that an absence of known nests does not necessarily indicate a lack of breeding activity.

The Carnaby's black cockatoo recovery plan also identifies 13 'important bird areas' for Carnaby's black cockatoo, which are identified as 'sites of global bird conservation importance' (DPaW 2013). These 'important bird areas' comprise sites supporting at least 20 breeding pairs or 1% of the population regularly utilising an area in the non-breeding part of the range.

Confirmed roost sites

BirdLife Australia undertakes annual monitoring of black cockatoo overnight roost sites as part of the annual 'Great Cocky Count' community-based survey. Information gathered from these monitoring events provides roost locations and recorded black cockatoo number (Birdlife Australia 2023).

Native foraging habitat

Glossop *et al.* (2011) also mapped 'areas requiring investigation as Carnaby's black cockatoo feeding habitat' for the Swan Coastal Plain and Jarrah Forest regions, based on regional vegetation mapping that may contain plant species known to be foraged upon by Carnaby's black cockatoo. Note that this dataset does not include observations or point records of Carnaby's black cockatoo feeding. This dataset represents areas of vegetation that may potentially provide foraging habitat for Carnaby's black cockatoo.

In order to account for clearing of native vegetation that has occurred since the Glossop *et al.* (2011) dataset was created and to incorporate updated vegetation mapping and information on foraging behaviour of Carnaby's black cockatoo, Emerge have revised this dataset to represent the most up to date information available. Furthermore, Emerge have used a similar methodology to Glossop *et al.* (2011) to define potential foraging habitat for Baudin's black cockatoo and forest-red tailed cockatoos.

Specifically, DBCA (2021), DBCA (2019b) and DPIRD (2018) regional vegetation complex mapping was used to determine which areas of remnant vegetation support plant species known to be foraged upon by Carnaby's black cockatoo, Baudin's black cockatoo or forest red-tailed cockatoos. Where these vegetation complexes intersect remnant vegetation mapped by DPIRD (2020) they were considered to represent potential foraging habitat for Carnaby's black cockatoo, Baudin's black cockatoo and/or forest red-tailed cockatoo.

Pine plantations also provide an important food source for Carnaby's black cockatoo, but were not included in the original Glossop *et al.* (2011) dataset. Mapping of pine plantations is available from the Forest Products Commission (Forest Products Commission 2020) and was considered in the assessment of Carnaby's black cockatoo foraging habitat.

Pest fauna

A number of legislative and policy documents exist in relation to pest fauna management at state and national levels. The *Biosecurity and Agriculture Management Act 2007* (BAM Act) is the principle legislation guiding pest fauna management in Western Australia and lists declared pest species.

Declared Pests

Part 2.3.23 of the BAM Act requires a person must not “*a) keep, breed or cultivate the declared pest; b) keep, breed or cultivate an animal, plant or other thing that is infected or infested with the declared pest; c) release into the environment the declared pest, or an animal, plant or other thing that is infected or infested with the declared pest; or d) intentionally infect or infest, or expose to infection or infestation, a plant, animal or other thing with a declared pest*”.

Under the BAM Act, all declared pests are assigned a legal status, as described in **Table 4**. Species assigned to the ‘declared pest, prohibited - s12’ category are placed in one of three control categories, as described in **Table 5**.

The *Biosecurity and Agriculture Management Regulations 2013* specify keeping categories for species assigned to the ‘declared pest - s22(2)’ category, which relate to the purposes of which species can be kept, as well as the entities that can keep them. The categories are described in **Table 6**.

The Western Australian Organism List (WAOL) provides the status of organisms which have been categorised under the BAM Act (DAFWA 2016).

Table 4: Legal status of declared pest species listed under the BAM Act (DAFWA 2016)

Category	Description
Declared Pest Prohibited - s12	May only be imported and kept subject to permits. Permit conditions applicable to some species may only be appropriate or available to research organisations or similarly secure institutions.
Declared Pest s22(2)	Must satisfy any applicable import requirements when imported and may be subject to an import permit if they are potential carriers of high-risk organisms. They may also be subject to control and keeping requirements once within Western Australia

Table 5: Control categories of declared pest species listed under the BAM Act (DAFWA 2016)

Category	Description
C1	Exclusion Not established in Western Australia and control measures are to be taken, including border checks, in order to prevent them entering and establishing in the State.
C2	Eradication Present in Western Australia in low enough numbers or in sufficiently limited areas that their eradication is still a possibility.
C3	Management Established in Western Australia but it is feasible, or desirable, to manage them in order to limit their damage. Control measures can prevent a C3 pest from increasing in population size or density or moving from an area in which it is established into an area which currently is free of that pest.

Additional Background Information

*Table 6: Keeping categories of declared pest species listed under the BAM Act (DAFWA 2016)*

Category	Description
Prohibited	Can only be kept under a permit for public display and education purposes, and/or genuine scientific research, by entities approved by the state authority.
Exempt	No permit or conditions are required for keeping.
Restricted	Organisms which, relative to other species, have a low risk of becoming a problem for the environment, primary industry or public safety and can be kept under a permit by private individuals.

Wetland Habitat

Geomorphic wetland types

On the Swan Coastal Plain DBCA (2017b) have used the geomorphic wetland classification system developed by Semeniuk (1987) and Semeniuk and Semeniuk (1995) to classify wetlands based on the landform shape and water permanence (hydro-period) as outlined in **Table 7**. DBCA maintains a dataset of the *Geomorphic Wetlands of the Swan Coastal Plain* (DBCA 2018a).

Table 7: Geomorphic Wetlands of the Swan Coastal Plain classification categories (DBCA 2017b)

Level of inundation	Geomorphology			
	Basin	Flat	Channel	Slope
Permanently inundated	Lake	-	River	-
Seasonally inundated	Sumpland	Floodplain	Creek	-
Seasonally waterlogged	Dampland	Palusplain	-	Paluslope

Literature

The main literature used for identifying fauna and fauna habitats is listed in **Table 8** below.

Table 8: Standard literature used for identifying fauna species and habitats.

Conservation Code	Category
Birds	Johnstone and Storr (1998b), Johnstone and Storr (1998a), Pizzey and Knight (2012), Slater <i>et al.</i> (2003)
Mammals	Menkhorst and Knight (2011), Triggs (2003)
Amphibia	Tyler and Doughty (2009), Bush <i>et al.</i> (2002)
Reptiles	Bush <i>et al.</i> (2002), Wilson and Swan (2021)

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Appendix B

Database search results



Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Acacia baileyana</i>	Cootamundra wattle	Secondary	-	-	Groom 2011
<i>Acacia pentadenia</i>	Karri wattle	Secondary	-	-	Groom 2011
<i>Acacia saligna</i>	Orange wattle	Secondary	-	-	Groom 2011
<i>Agonis flexuosa</i>	Peppermint tree	Secondary	-	-	Groom 2011
<i>Allocasuarina fraseriana</i>	Sheoak	Secondary	Secondary	Secondary	Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; Johnstone 2017; DoEE 2017
<i>Allocasuarina spp.</i>		Secondary	-	Secondary	Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017
<i>Anigozanthos flavidus</i>	Tall kangaroo paw	-	Secondary	-	Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017
<i>Araucaria heterophylla</i>	Norfolk island pine	Secondary	-	-	Groom 2011; DoEE 2017
<i>Banksia ashbyi</i>	Ashby's banksia	Primary	Secondary	-	Saunders 1980; Groom 2011; DoEE 2017
<i>Banksia attenuata</i>	Slender banksia	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia baxteri</i>	Baxter's banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia carlinoides</i>	Pink dryandra	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia coccinea</i>	Scarlet banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia dallanneyi</i>	Couch honeypot dryandra	Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia ericifolia</i>	Heath-leaved banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia fraseri</i>		Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia gardneri</i>	Prostrate banksia	Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia grandis</i>	Bull banksia	Primary	Secondary	-	Saunders 1980; Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia hookeriana</i>	Hooker's banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia ilicifolia</i>	Holly banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; Johnstone & Storr 1998; DoEE 2017
<i>Banksia kippistiana</i>		Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia leptophylla</i>		Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia lindleyana</i>	Porcupine banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; DoEE 2017

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Banksia littoralis</i>	Swamp banksia	Primary	Secondary	-	Saunders 1980; Groom 2011; Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; DoEE 2017
<i>Banksia menziesii</i>	Firewood banksia	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia mucronulata</i>	Swordfish dryandra	Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia nivea</i>	Honeypot dryandra	Primary	Secondary	-	Saunders 1980; Groom 2011; DoEE 2017
<i>Banksia nobilis</i>	Golden dryandra	Primary	Secondary	-	Saunders 1980; Groom 2011; DoEE 2017
<i>Banksia praemorsa</i>	Cut-leaf banksia	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia prionotes</i>	Acorn banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia prolata</i>		Primary	Secondary	-	Johnstone <i>et al.</i> 2010; DoEE 2017
<i>Banksia quercifolia</i>	Oak-leaved banksia	Primary	Secondary	-	Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia sessilis</i>	Parrot bush	Primary	Secondary	-	Saunders 1980; Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia speciosa</i>	Showy banksia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia spp.</i>		Primary	Secondary	-	Saunders 1979; DSEWPaC 2012; DoEE 2017
<i>Banksia squarrosa</i>	Pingle	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Banksia tricuspis</i>	Pine banksia	Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia undata</i>	Urchin dryandra	Primary	Secondary	-	Groom 2011; DoEE 2017
<i>Banksia verticillata</i>	Granite banksia	Primary	Secondary	-	Saunders 1980; Groom 2011; DoEE 2017
<i>Brassica campestris</i>	Canola	Secondary	-	-	Groom 2011; DoEE 2017
<i>Callistemon spp.</i>		Secondary	Secondary	-	Johnstone <i>et al.</i> 2010; DoEE 2017
<i>Callistemon viminalis</i>	Captain cook bottlebrush	Secondary	-	-	Groom 2011
<i>Callitris sp.</i>		Secondary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Carya illinoensis</i>	Pecan	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; Groom 2014; DoEE 2017
<i>Casuarina cunninghamiana</i>	River sheoak	Secondary	-	-	Groom 2011
<i>Citrullus lanatus</i>	Pie or afghan melon	Secondary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Corymbia calophylla</i>	Marri	Primary	Primary	Primary	Johnstone & Storr 1998; Johnstone & Kirkby 1999; Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017; Johnstone 2017; Saunders 1979; Johnstone & Kirkby 2008
<i>Corymbia citriodora</i>	Lemon scented gum	Secondary	Secondary	Secondary	Johnstone <i>et al.</i> 2010; DSEWPaC 2012; Groom 2011; Johnstone 2017
<i>Corymbia ficifolia</i>	Red flowering gum	Secondary	-	-	Groom 2011
<i>Corymbia haematoxylon</i>	Mountain marri	Secondary	-	Secondary	Groom 2011; DoEE 2012; DoEE 2017
<i>Corymbia maculata</i>	Spotted gum	-	-	-	-
<i>Darwinia citriodora</i>	Lemon-scented darwinia	Secondary	Secondary	-	Groom 2011; Johnstone <i>et al.</i> 2010
<i>Diospyros sp.</i>	Sweet persimmon	Secondary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017
<i>Eremophila glabra</i>	Tarbush	Secondary	-	-	Groom 2011
<i>Erodium aureum</i>		Secondary	-	-	Groom 2011
<i>Erodium botrys</i>	Long storksbill	Secondary	Secondary	-	Groom 2011; Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010
<i>Erodium spp.</i>		Secondary	Secondary	-	Johnstone <i>et al.</i> 2010; DoEE 2017
<i>Eucalyptus caesia</i>	Silver princess	Secondary	-	Secondary	Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017; Johnstone 2017
<i>Eucalyptus camaldulensis</i>	River red gum	-	-	Secondary	DoEE 2012; DoEE 2017
<i>Eucalyptus decipiens</i>	Red heart/moit	-	-	Secondary	Johnstone 2017
<i>Eucalyptus diversicolor</i>	Karri	-	-	Primary	Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017; Johnstone & Storr 1998
<i>Eucalyptus erythrocorys</i>	Illyarrie	Secondary	-	Secondary	DSEWPaC 2012; DoEE 2017; Johnstone 2017, Johnstone <i>et al.</i> 2010
<i>Eucalyptus gomphocephala</i>	Tuart	Secondary	-	Secondary	Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017
<i>Eucalyptus grandis</i>	Flooded gum, rose gum	-	-	Secondary	DoEE 2012; DoEE 2017
<i>Eucalyptus lehmannii</i>	Bushy yate	-	-	Secondary	Johnstone 2017
<i>Eucalyptus leucoxylon</i>	Yellow gum	Secondary	-	-	Groom 2014

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Eucalyptus loxophleba</i>	York gum	Secondary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017
<i>Eucalyptus marginata</i>	Jarrah	Primary	Secondary	Primary	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017; Johnstone & Storr 1998; Johnstone & Kirkby 1999; Johnstone 2017
<i>Eucalyptus patens</i>	Blackbutt	Primary	-	Primary	Johnstone & Storr 1998; Johnstone & Kirkby 1999; Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017; Johnstone 2017; Groom 2011
<i>Eucalyptus pleurocarpa</i>	Tallerack	Secondary	-	-	Groom 2011
<i>Eucalyptus preissiana</i>	Bell-fruited mallee	Secondary	-	-	Groom 2011
<i>Eucalyptus robusta</i>	Swamp mahogany	Secondary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Eucalyptus salmonophloia</i>	Salmon gum	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DSEWPaC 2012; DoEE 2017
<i>Eucalyptus staeri</i>	Albany blackbutt	-	-	Secondary	Johnstone & Storr 1998
<i>Eucalyptus todtiana</i>	Coastal blackbutt	Secondary	-	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011; Johnstone & Kirkby 2008
<i>Eucalyptus wandoo</i>	Wandoo	Primary	Secondary	Primary	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011; DSEWPaC 2012; DoEE 2017
<i>Ficus sp.</i>	Fig	Secondary	-	-	Groom 2011
<i>Grevillea armigera</i>	Prickly toothbrushes	Primary	-	-	Groom 2011
<i>Grevillea bipinnatifida</i>	Fuschia grevillea	Primary	-	-	Groom 2011
<i>Grevillea hookeriana</i>	Red toothbrushes	Primary	-	-	Groom 2011
<i>Grevillea hookeriana subsp. apiculata</i>	Black toothbrushes	Primary	-	-	Groom 2011
<i>Grevillea paniculata</i>	Kerosene bush	Primary	-	-	Groom 2011
<i>Grevillea paradoxa</i>	Bottlebrush grevillea	Primary	-	-	Groom 2011
<i>Grevillea petrophiloides</i>	Pink poker	Primary	-	-	Groom 2011
<i>Grevillea robusta</i>	Silky oak	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Grevillea spp.</i>		Primary	-	-	Saunders 1979; Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017
<i>Grevillea wilsonii</i>	Native fuchsia	-	Secondary	-	Johnstone <i>et al.</i> 2010
<i>Hakea auriculata</i>		Primary	-	-	Saunders 1980; Groom 2011
<i>Hakea candolleana</i>		Primary	-	-	Groom 2011
<i>Hakea circumalata</i>	Coastal hakea	Primary	-	-	Groom 2011
<i>Hakea commutata</i>		Primary	-	-	Groom 2011
<i>Hakea conchifolia</i>	Shell-leaved hakea	Primary	-	-	Groom 2011
<i>Hakea costata</i>	Ribbed hakea	Primary	-	-	Groom 2011
<i>Hakea cristata</i>	Snail hakea	Primary	Secondary	-	Groom 2011; Johnstone <i>et al.</i> 2010
<i>Hakea cucullata</i>	Snail hakea	Primary	-	-	Groom 2011
<i>Hakea cyclocarpa</i>	Ramshorn	Primary	-	-	Saunders 1980; Groom 2011
<i>Hakea eneabba</i>		Primary	-	-	Groom 2011
<i>Hakea erinacea</i>	Hedgehog hakea	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea falcata</i>	Sickle hakea	Primary	-	-	Groom 2011
<i>Hakea flabellifolia</i>	Fan-leaved hakea	Primary	-	-	Groom 2011
<i>Hakea gilbertii</i>		Primary	-	-	Saunders 1980; Groom 2011
<i>Hakea incrassata</i>	Golfball or marble hakea	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea lasiantha</i>	Woolly flowered hakea	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea lasianthoides</i>		Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea laurina</i>	Pin-cushion hakea	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea lissocarpa</i>	Honeybush	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea marginata</i>		-	Secondary	-	Johnstone <i>et al.</i> 2010
<i>Hakea megalosperma</i>	Lesueur hakea	Primary	-	-	Groom 2011
<i>Hakea multilineata</i>	Grass leaf hakea	Primary	-	-	Groom 2011
<i>Hakea neospathulata</i>		Primary	-	-	Groom 2011
<i>Hakea obliqua</i>	Needles and corks	Primary	-	-	Saunders 1980; Groom 2011
<i>Hakea oleifolia</i>	Dungyn	Primary	-	-	Groom 2011

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Hakea pandanica</i> subsp. <i>crassifolia</i>	Thick-leaved hakea	Primary	-	-	Groom 2011
<i>Hakea petiolaris</i>	Sea urchin hakea	Primary	-	-	Groom 2011
<i>Hakea polyanthema</i>		Primary	-	-	Groom 2011
<i>Hakea preissii</i>	Needle tree	Primary	-	-	Groom 2011
<i>Hakea prostrata</i>	Harsh hakea	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea psilorrhyncha</i>		Primary	-	-	Groom 2011
<i>Hakea ruscifolia</i>	Candle hakea	Primary	Secondary	-	Saunders 1980; Groom 2011; Johnstone <i>et al.</i> 2010
<i>Hakea scoparia</i>	Kangaroo bush	Primary	-	-	Groom 2011
<i>Hakea smilacifolia</i>		Primary	-	-	Groom 2011
<i>Hakea spp.</i>		Primary	Secondary	-	Saunders 1979; DSEWPac 2012; DoEE 2017
<i>Hakea stenocarpa</i>	Narrow-fruited hakea	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea sulcata</i>	Furrowed hakea	Primary	-	-	Groom 2011
<i>Hakea trifurcata</i>	Two-leaved hakea	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea undulata</i>	Wavy-leaved hakea	Primary	Secondary	-	Saunders 1980; Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hakea varia</i>	Variable-leaved hakea	Primary	Secondary	-	Saunders 1980; Groom 2011
<i>Harpephyllum caffrum</i>	Kaffir plum	-	-	Secondary	Johnstone 2017
<i>Helianthus annuus</i>	Sunflower	Secondary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Hibiscus sp.</i>	Hibiscus	Secondary	-	-	Groom 2011
<i>Isopogon scabriusculus</i>		Secondary	-	-	Groom 2011
<i>Jacaranda mimosifolia</i>	Jacaranda	Secondary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Jacksonia furcellata</i>	Grey stinkwood	Secondary	-	-	Groom 2011
<i>Kingia australis</i>	Kingia	-	Secondary	-	Johnstone <i>et al.</i> 2010
<i>Lambertia inermis</i>	Chittick	Secondary	-	-	Johnstone & Storr 1998; Groom 2011
<i>Lambertia multiflora</i>	Many-flowered honeysuckle	Secondary	-	-	Saunders 1980; Groom 2011

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Liquidamber styraciflua</i>	Liquid amber	Primary	-	Secondary	Johnstone <i>et al.</i> 2010; Groom 2011; Groom 2014; Personal observation
<i>Lupinus sp.</i>	Lupin	Secondary	-	-	Saunders 1980; Groom 2011
<i>Macadamia integrifolia</i>	Macadamia	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Grooms 2011; Groom 2014
<i>Malus domestica</i>	Apple	Secondary	Secondary	-	Johnstone <i>et al.</i> 2010; Johnstone & Storr 1998; DSEWPaC 2012; DoEE 2017; Groom 2011
<i>Melaleuca leuropoma</i>		Secondary	-	-	Saunders 1980; Groom 2011
<i>Melia azedarach</i>	Cape lilac or white cedar	Secondary	-	Primary	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Mesomeleana spp.</i>		Secondary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Olea europea</i>	Olive	-	-	Secondary	Johnstone 2017
<i>Persoonia longifolia</i>	Snottygobble	-	-	Secondary	Johnstone & Storr 1998; Johnstone & Kirkby 1999; Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017
<i>Pinus canariensis</i>	Canary island pine	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Pinus caribea</i>	Caribbean pine	Primary	-	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Pinus pinaster</i>	Pinaster or maritime pine	Primary	-	-	Groom 2011
<i>Pinus radiata</i>	Radiata pine	Primary	Secondary	-	Johnstone <i>et al.</i> 2010; Groom 2011
<i>Pinus spp.</i>		Primary	Secondary	-	Johnstone & Storr 1998; Saunders 1979; Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017
<i>Protea 'Pink Ice'</i>		Secondary	-	-	Groom 2011
<i>Protea repens</i>		Secondary	-	-	Groom 2011
<i>Protea spp.</i>		Secondary	-	-	Johnstone <i>et al.</i> 2010
<i>Prunus amygdalus</i>	Almond tree	Secondary	-	-	Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; Groom 2011; DoEE 2017
<i>Pyrus communis</i>	European pear	-	Secondary	-	Johnstone & Storr 1998; Johnstone <i>et al.</i> 2010; DSEWPaC 2012; DoEE 2017
<i>Quercus spp.</i>	Oak	-	Secondary	-	Johnstone <i>et al.</i> 2010

Species name	Common name	Foraging category as assigned by Emerge			Literature references
		CBC	BBC	FRTBC	
<i>Raphanus raphanistrum</i>	Wild radish	Secondary	-	-	Groom 2011; DoEE 2017
<i>Reedia spathacea</i>		-	Secondary	-	Johnstone <i>et al.</i> 2010
<i>Rumex hypogaeus</i>	Doublegee	Secondary	-	-	Saunders 1980
<i>Stenocarpus sinuatus</i>		Secondary	-	-	Johnstone <i>et al.</i> 2010
<i>Syzygium smithii</i>	Lilly pilly	Secondary	-	-	Groom 2014
<i>Tipuana tipu</i>	Tipu or rosewood tree	Primary	-	-	Groom 2011, Groom 2014
<i>Xanthorrhoea preissii</i>	Grass tree	Secondary	Secondary	-	Groom 2011; Johnstone <i>et al.</i> 2010
<i>Xylomelum occidentale</i>	Woody pear	Secondary	-	-	Groom 2014

CBC=Carnaby's black cockatoo, BBC=Baudin's black cockatoo and FRTBC=Forest red-tailed black cockatoo

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Appendix C

Conservation significant species and likelihood of occurrence
assessment



Table 1: White-tailed black cockatoo recorded in roosts within 12 km of the site

Roost ID	Year and number of individuals									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
BODBANR002	NS	NS	NS	NS	NS	NS	NS	NS	NS	31
BODBODR001	NS	NS	9	0	25	NS	NS	NS	0	NS
BODBODR002	NS	NS	NS	0	2	NS	NS	0	NS	NS
BODCROR002	NS	3	NS	0	NS	NS	NS	NS	0	NS
BODMARR001	NS	NS	16	0	0	NS	NS	0	5	NS
BODMARR002	NS	NS	141	0	11	NS	NS	0	0	NS

Table 2: Forest red-tailed black cockatoo recorded in roosts within 12 km of the site

Roost ID	Year and number of individuals									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
BODBANR002	NS	NS	NS	NS	NS	NS	NS	NS	NS	6
BODMARR001	NS	NS	16	0	0	NS	NS	31	0	NS
BODMARR005	NS	NS	NS	NS	2	NS	NS	NS	NS	NS
BODMARR007	NS	NS	NS	NS	NS	NS	NS	NS	4	0

NS = not surveyed

Appendix D

Black cockatoo foraging plants species list





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: 08-Aug-2022

[Summary](#)

[Details](#)

[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

Summary

Matters of National Environment Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar)	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	21
Listed Migratory Species:	7

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

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 <http://www.environment.gov.au/heritage>

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

Commonwealth Lands:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	12
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:	2
Regional Forest Agreements:	1
Nationally Important Wetlands:	None
EPBC Act Referrals:	9
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

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

Ramsar Site Name	Proximity	Buffer Status
Peel-yalgorup system	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	Threatened Category	Presence Text	Buffer Status
Eucalypt Woodlands of the Western Australian Wheatbelt	Critically Endangered	Community may occur within area	In buffer area only

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			
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat known to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Leipoa ocellata Malleefowl [934]	Vulnerable	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

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area	In feature area
Zanda baudinii listed as Calyptorhynchus baudinii Baudin's Black-Cockatoo, Long-billed Black-cockatoo [87736]	Endangered	Roosting known to occur within area	In feature area
Zanda latirostris listed as Calyptorhynchus latirostris Carnaby's Black Cockatoo, Short-billed Black-cockatoo [87737]	Endangered	Species or species habitat known to occur within area	In feature area
MAMMAL			
Bettongia penicillata ogilbyi Woylie [66844]	Endangered	Species or species habitat known to occur within area	In feature area
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat known to occur within area	In feature area
Phascogale calura Red-tailed Phascogale, Red-tailed Wambenger, Kenngoor [316]	Vulnerable	Species or species habitat known to occur within area	In feature area
Pseudocheirus occidentalis Western Ringtail Possum, Ngwayir, Womp, Woder, Ngoor, Ngoolangit [25911]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
Setonix brachyurus Quokka [229]	Vulnerable	Species or species habitat may occur within area	In buffer area only
OTHER			
Westralunio carteri Carter's Freshwater Mussel, Freshwater Mussel [86266]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
PLANT			
Anthocercis gracilis Slender Tailflower [11103]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Caladenia hopperiana Quindanning Spider Orchid, Boddington Spider Orchid [88195]	Endangered	Species or species habitat known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Diuris micrantha Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diuris purdiei Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat may occur within area	In buffer area only
Eleocharis keigheryi Keighery's Eleocharis [64893]	Vulnerable	Species or species habitat may occur within area	In feature area
Goodenia arthrotricha [12448]	Endangered	Species or species habitat known to occur within area	In buffer area only
Pultenaea pauciflora Narrogin Pea [14013]	Vulnerable	Species or species habitat known to occur within area	In feature area

Listed Migratory Species [\[Resource Information \]](#)

Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may 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

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
Unknown		
Commonwealth Land - [50971]	WA	In buffer area only

Listed Marine Species [\[Resource Information \]](#)

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within 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
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 may 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

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Chalcites osculans as Chrysococcyx osculans Black-eared Cuckoo [83425]		Species or species habitat likely to occur within area overfly marine area	In buffer area only
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat may occur within area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may 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
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area overfly marine area	In feature area

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Lane Poole Reserve	Conservation Park	WA	In buffer area only
Mooradung	Nature Reserve	WA	In buffer area only

Regional Forest Agreements

[[Resource Information](#)]

Note that all areas with completed RFAs have been included.

RFA Name	State	Buffer Status
South West WA RFA	Western Australia	In feature area

EPBC Act Referrals [[Resource Information](#)]

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Hotham Bauxite Mining Extension, Boddington, WA	2017/7960	Controlled Action	Completed	In feature area
Newmont Boddington Gold Interim Permit	2011/6192	Controlled Action	Post-Approval	In buffer area only
Newmont Boddington Gold Mine Extension Project	2012/6370	Controlled Action	Post-Approval	In buffer area only
Worsley Mine Expansion, WA	2019/8437	Controlled Action	Assessment Approach	In feature area
Not controlled action				
Albany Highway Crossman Intersection Improvements, WA	2017/7907	Not Controlled Action	Completed	In buffer area only
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
INDIGO Central Submarine Telecommunications Cable	2017/8127	Not Controlled Action	Completed	In feature area
Not controlled action (particular manner)				
Boddington Gold Mine Expansion	2006/2591	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
INDIGO Marine Cable Route Survey (INDIGO)	2017/7996	Not Controlled Action (Particular Manner)	Post-Approval	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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Category	Status	Taxon	
AMPHIBIAN		<i>Crinia georgiana</i>	
		<i>Crinia insignifera</i>	
		<i>Crinia pseudinsignifera</i>	
		<i>Heleioporus barycragus</i>	
		<i>Heleioporus eyrei</i>	
		<i>Heleioporus inornatus</i>	
		<i>Heleioporus psammophilus</i>	
		<i>Limnodynastes dorsalis</i>	
		<i>Litoria adelaidensis</i>	
		<i>Litoria moorei</i>	
		<i>Myobatrachus gouldii</i>	
		<i>Neobatrachus pelobatoides</i>	
		<i>Pseudophryne guentheri</i>	
	BIRD		<i>Acanthiza apicalis</i>
		<i>Acanthiza chrysorrhoa</i>	
		<i>Acanthiza inornata</i>	
		<i>Acanthiza uropygialis</i>	
		<i>Acanthorhynchus superciliosus</i>	
		<i>Accipiter cirrocephalus</i>	
		<i>Accipiter fasciatus</i>	
		<i>Acrocephalus australis</i>	
MI			<i>Actitis hypoleucos</i>
			<i>Aegotheles cristatus</i>
			<i>Anas gracilis</i>
			<i>Anas rhynchotis</i>
			<i>Anas superciliosa</i>
			<i>Anhinga novaehollandiae</i>
			<i>Anthochaera carunculata</i>
			<i>Anthochaera lunulata</i>
			<i>Anthochaera lunulata</i>
			<i>Anthus australis</i>
			<i>Aquila audax</i>
			<i>Ardea modesta</i>
			<i>Ardea novaehollandiae</i>
			<i>Ardea pacifica</i>
			<i>Artamus cinereus</i>
			<i>Artamus cinereus subsp. melanops</i>
			<i>Artamus cyanopterus</i>
			<i>Artamus personatus</i>
			<i>Barnardius zonarius</i>
			<i>Biziura lobata</i>
			<i>Burhinus grallarius</i>
			<i>Cacatua roseicapilla</i>
			<i>Cacomantis flabelliformis</i>
			<i>Cacomantis pallidus</i>
			<i>Calyptorhynchus banksii</i>
VU			<i>Calyptorhynchus banksii subsp. naso</i>
EN			<i>Calyptorhynchus baudinii</i>

Category	Status	Taxon
	EN	<i>Calyptorhynchus latirostris</i>
		<i>Calyptorhynchus</i> sp.
		<i>Calyptorhynchus</i> sp. 'white-tailed black cockatoo'
		<i>Chenonetta jubata</i>
		<i>Cheramoeca leucosterna</i>
		<i>Chrysococcyx basalis</i>
		<i>Chrysococcyx lucidus</i>
		<i>Cincloramphus cruralis</i>
		<i>Cincloramphus mathewsi</i>
		<i>Circus approximans</i>
		<i>Climacteris rufa</i>
		<i>Colluricincla harmonica</i>
		<i>Columba livia</i>
		<i>Coracina novaehollandiae</i>
		<i>Corvus coronoides</i>
		<i>Coturnix pectoralis</i>
		<i>Coturnix ypsilophora</i>
		<i>Cracticus tibicen</i>
		<i>Cracticus tibicen</i> subsp. <i>dorsalis</i>
		<i>Cracticus torquatus</i>
		<i>Cuculus pallidus</i>
		<i>Cygnus atratus</i>
		<i>Dacelo novaeguineae</i>
		<i>Dacelo novaeguineae</i> subsp. <i>novaeguineae</i>
		<i>Daphoenositta chrysoptera</i>
		<i>Dicaeum hirundinaceum</i>
		<i>Dromaius novaehollandiae</i>
		<i>Egretta novaehollandiae</i>
		<i>Elanus axillaris</i>
		<i>Elseyornis melanops</i>
		<i>Eolophus roseicapillus</i>
		<i>Eopsaltria australis</i> subsp. <i>griseogularis</i>
		<i>Eopsaltria georgiana</i>
		<i>Eopsaltria griseogularis</i>
		<i>Epthianura albifrons</i>
		<i>Eurostopodus argus</i>
		<i>Falco berigora</i>
		<i>Falco berigora</i> subsp. <i>berigora</i>
		<i>Falco cenchroides</i>
		<i>Falco longipennis</i>
	OS	<i>Falco peregrinus</i>
		<i>Fulica atra</i>
		<i>Gallus gallus</i>
		<i>Gerygone fusca</i>
		<i>Glossopsitta porphyrocephala</i>
		<i>Glyciphila melanops</i>
		<i>Grallina cyanoleuca</i>
		<i>Haliastur sphenurus</i>

Category	Status	Taxon
		Hamirostra isura
		Hieraaetus morphnoides
		Himantopus himantopus
		Hirundo neoxena
		Hirundo nigricans
		Lalage leucomela
		Lalage sueurii
		Lalage tricolor
	VU	Leipoa ocellata
		Lichenostomus leucotis
		Lichenostomus ornatus
		Lichenostomus penicillatus
		Lichenostomus virescens
		Lichmera indistincta
		Lophoictinia isura
		Malurus elegans
		Malurus pulcherrimus
		Malurus splendens
		Megalurus gramineus
		Melithreptus brevirostris
		Melithreptus chloropsis
		Melithreptus lunatus
		Merops ornatus
		Microcarbo melanoleucos
		Microeca fascinans
		Myiagra inquieta
		Neophema elegans
		Ninox novaeseelandiae
		Ninox novaeseelandiae subsp. boobook
		Nycticorax caledonicus
		Ocyphaps lophotes
		Oreoica gutturalis
		Pachycephala pectoralis
		Pachycephala pectoralis subsp. fuliginosa
		Pachycephala rufiventris
		Pardalotus punctatus
		Pardalotus striatus
		Pardalotus striatus subsp. westraliensis
		Petrochelidon ariel
		Petrochelidon nigricans
		Petroica boodang
		Petroica campbelli
		Petroica goodenovii
		Petroica multicolor
		Petroica multicolor subsp. campbelli
		Phalacrocorax sulcirostris
		Phaps chalcoptera
		Phaps elegans

Category	Status	Taxon
		Phylidonyris melanops
		Phylidonyris niger
		Phylidonyris nigra
		Phylidonyris novaehollandiae
		Platalea flavipes
		Platycercus icterotis
		Platycercus icterotis subsp. icterotis
	P4	Platycercus icterotis subsp. xanthogenys
		Platycercus spurius
		Platycercus zonarius
		Platycercus zonarius subsp. semitorquatus
		Podargus strigoides
		Polytelis anthopeplus
		Pomatostomus superciliosus
		Pomatostomus temporalis subsp. rubeculus
		Porphyrio porphyrio
		Porzana fluminea
		Purpureicephalus spurius
		Rhipidura albiscapa
		Rhipidura fuliginosa
		Rhipidura fuliginosa subsp. preissi
		Rhipidura leucophrys
		Sericornis frontalis
		Smicrornis brevirostris
		Stagonopleura oculata
		Strepera versicolor
		Streptopelia senegalensis
		Tachybaptus novaehollandiae
		Tadorna tadornoides
		Threskiornis molucca
		Threskiornis spinicollis
		Todiramphus sanctus
		Turnix varia
		Turnix varius
		Turnix velox
		Tyto javanica
		Zosterops lateralis
		Zosterops lateralis subsp. gouldi
INVERTEBRATE		Acariformes sp.
		Aganippe `myg187`
		Aganippe `sp. juv.`
		Allothereua maculata
		Aname tepperi
		ant sp. indet.
		Antichiropus `boddington`
		Antichiropus `goldmine`
		Antichiropus `goldmine`
		Antichiropus `marradong`

Category	Status	Taxon
		Antichiropus `marradong`
		Antichiropus `saddleback`
		Antichiropus `sp.`
		Antichiropus 'goldmine'
		Antichiropus 'marradong'
		Antichiropus 'Mt Saddleback'
		Antichiropus 'Mt Saddleback 2'
		Antichiropus 'sb1'
		Antichiropus sp.
		Antichiropus sp. indet.
		Antichiropus variabilis
		Araneae sp.
		Araneus arenaceus
		Araneus cyphoxis
		Araneus eburneiventris
		Arkys alticephala
		Arkys walckenaeri
		Artoria cingulipes
		Atelomastix nigrescens
		Australomimetes auriculatus
		Austromerope poultoni
		Badumna insignis
		Baiami tegenarioides
		Baiami volucripes
		beetle sp. indet.
		Beierolpium bornemisszai
		Bothriembryon cf. serpentinus
		Buddelundia '4'
		Buddelundia nitidissima
		Buddelundia opaca
		Buddelundia sp. indet.
		Buddelundia sp. nov. 4
		Ceinidae sp.
		Ceratopogonidae sp.
		Cercophonius sulcatus
		Chironominae sp.
		Clynotis albobarbatus
		Coenagrionidae sp.
		Corduliidae sp.
		Corixidae sp.
		Cormocephalus aurantiipes
		Cormocephalus hartmeyerii
		Cormocephalus strigosus
		Demadiana cerula
		Dolichopodidae sp.
		Dugesiiidae sp.
		Dytiscidae sp.
		earthworm sp. indet.

Category	Status	Taxon
		Ecnomidae sp.
		Elassoctenus harpax
		Elmidae sp.
		Empididae sp.
		Erigone prominens
		Eriophora biapicata
		Ero aphana
		Eucyrtops latior
	P3	Euoplos inornatus
		Gea theridioides
		Gomphidae sp.
		Gyrinidae sp.
		Habronestes bradleyi
		Hadrotarsus fulvus
		Hemicorduliidae sp.
		Hemiptera sp. indet.
		Henicops dentatus
		Hoggicosa storri
		Hogna immansueta
		Hydraenidae sp.
		Hydrophilidae sp.
		Idiommata blackwalli
		Indolpium sp.
		Karaops ellenae
		Lagynochthonius australicus
		Lampona ampeinna
		Lampona cylindrata
		Laperousea blattifera
		Leptoceridae sp.
		Lestidae sp.
		Libellulidae sp.
		Lychas 'austroccidentalis'
		Lycosa ariadnae
		Masasteron maini
		Megapodagrionidae sp.
		Microctenonyx subitaneus
		Missulena hoggi
		Mituliodon tarantulinus
		Molycria quadricauda
		Muziris carinatus
		Nephila edulis
		Nicodamus mainae
		Novakiella trituberculosa
		Oecobius navus
		Oligochaeta sp.
		Oniscidae sp.
		Oratemnus curtus
		Orthoclaadiinae sp.

Category	Status	Taxon
		Palaemonidae sp.
		Parastacidae sp.
		Pediana occidentalis
		Planorbidae sp.
		Podykipus leptoiuloides
		Raveniella cirrata
		Raveniella peckorum
		Sandalodes scopifer
		Sciomyzidae sp.
		Scolopendra laeta
		Simuliidae sp.
		Sondra aurea
		spider sp. indet.
		Storena formosa
		Supunna funerea
		Synothele durokoppin
		Synothele mullaloo
		Tabanidae sp.
		Tanypodinae sp.
		Tasmanicosa leuckartii
		Telephlebiidae sp.
		Teyl `cf luculentus`
		Teyl `myg245`
		Teyl `sp. juv.`
		Teyl luculentus
		Teyl 'myg241'
		Tipulidae sp.
		Trachycosmus sculptilis
		Tyrannochthonius australicus
		Urodacus novaehollandiae
		Urodacus planimanus
		Veliidae sp.
		Venatrix arenaris
		Venatrix pullastra
		Venonia micarioides
MAMMAL		Antechinus flavipes
		Antechinus flavipes leucogaster
		Antechinus flavipes subsp. leucogaster
		Austronomus australis
	CR	Bettongia penicillata subsp. ogilbyi
		Cercartetus concinnus
		Chalinolobus gouldii
		Chalinolobus morio
	VU	Dasyurus geoffroii
		Dasyurus geoffroii fortis
		Equus caballus
	P4	Falsistrellus mackenziei
		Felis catus

Category	Status	Taxon
	P4	Hydromys chrysogaster
	P4	Isoodon fusciventer
		Isoodon obesulus
		Isoodon obesulus subsp. fusciventer
		Macropus fuliginosus
		Macropus fuliginosus melanops
		Macropus irma
	VU	Macrotis lagotis
		Mormopterus planiceps
		Mus musculus
	EN	Myrmecobius fasciatus
	P4	Notamacropus irma
		Nyctophilus geoffroyi
		Nyctophilus geoffroyi subsp. geoffroyi
		Nyctophilus gouldi
		Nyctophilus major major
		Nyctophilus major subsp. major
		Nyctophilus timoriensis subsp. timoriensis
		Oryctolagus cuniculus
		Ozimops kitcheneri
	CD	Phascogale calura
		Phascogale tapoatafa subsp. tapoatafa
	CD	Phascogale tapoatafa subsp. wambenger
		Phascogale tapoatafa wambenger
	CR	Pseudocheirus occidentalis
		Rattus rattus
		Sminthopsis fuliginosus fuliginosus
		Sminthopsis gilberti
		Sminthopsis griseoventer
		Sminthopsis griseoventer subsp. griseoventer
		Sus scrofa
		Tachyglossus aculeatus
		Tachyglossus aculeatus acanthion
		Tadarida australis
		Tarsipes rostratus
		Trichosurus vulpecula hypoleucus
		Trichosurus vulpecula subsp. vulpecula
		Vespadelus regulus
		Vulpes vulpes
REPTILE		Acritoscincus trilineatum
		Acritoscincus trilineatus
		Anilios australis
		Anilios pinguis
		Aprasia pulchella
		Aspidites ramsayi
		Brachyurophis semifasciatus
		Christinus marmoratus
		Crenadactylus ocellatus subsp. ocellatus

Category	Status	Taxon
		Cryptoblepharus buchananii
		Cryptoblepharus plagioccephalus
		Ctenophorus ornatus
	P4	Ctenotus delli
		Ctenotus impar
		Ctenotus labillardieri
		Delma australis
		Delma fraseri
		Delma fraseri subsp. fraseri
		Diplodactylus granariensis subsp. granariensis
		Diplodactylus lateroides
		Diplodactylus polyophthalmus
		Egernia kingii
		Egernia napoleonis
		Gehyra variegata
		Hemiergis initialis initialis
		Hemiergis initialis subsp. initialis
		Hesperoedura reticulata
		Lerista distinguenda
		Lialis burtonis
		Menetia greyii
		Morelia spilota subsp. imbricata
		Morethia obscura
		Neelaps bimaculatus
		Oedura reticulata
		Parasuta gouldii
		Parasuta nigriceps
		Pogona minor minor
		Pogona minor subsp. minor
		Pseudonaja affinis
		Pseudonaja affinis subsp. affinis
		Pygopus lepidopodus
		Ramphotyphlops australis
		Ramphotyphlops pinguis
		Ramphotyphlops waitii
		Simoselaps bertholdi
		Tiliqua rugosa rugosa
		Tiliqua rugosa subsp. aspera
		Tiliqua rugosa subsp. rugosa
		Underwoodisaurus milii
		Varanus gouldii
		Varanus gouldii gouldii
		Varanus rosenbergi
		Varanus sp.
		Varanus tristis subsp. tristis

Appendix E

Black cockatoo roost counts



Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
Birds					
<i>Actitis hypoleucos</i>	Common sandpiper	MI	MI	Edge of sheltered waters salt or fresh, e.g. estuaries, mangrove creeks, rocky coasts, near-coastal saltlakes (including saltwork ponds), river pools, lagoons, claypans, drying swamps, flood waters, dams and sewage ponds. Preferring situations where low perches are available (Johnstone & Storr 1998).	Nil
<i>Apus pacificus</i>	Pacific swift	MI	MI	Aerial, migratory species that is most often seen over inland plains and sometimes above open areas, foothills or in coastal areas. Sometimes occurs over settled areas, including towns, urban areas and cities (Pizzey & Knight 2012).	Moderate
<i>Calidris ferruginea</i>	Curlew sandpiper	CR	CR (MI)	Mainly shallows of estuaries and near-coastal saltlakes (including saltwork ponds) and drying near-coastal freshwater lakes and swamps. Also beaches and near-coastal sewage ponds (Johnstone & Storr 1988).	Negligible
<i>Calidris melanotos</i>	Pectoral sandpiper	MI	MI	Mainly fresh waters (swamps, lagoons, river pools, irrigation channels and sewage ponds); also samphire flats around estuaries and saltlakes (Johnstone & Storr 1998).	Nil

Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
<i>Calyptorhynchus banksii naso</i>	Forest red-tailed black cockat	VU	VU	Eucalypt and Corymbia forests, often in hilly interior. More recently also observed in more open agricultural and suburban areas including Perth metropolitan area. Attracted to seeding Corymbia calophylla, Eucalyptus marginata, introduced Melia azedarach and Eucalyptus spp. trees (Johnstone et al. 2013).	Recorded
<i>Falco hypoleucos</i>	Grey falcon	VU	-	Species occurs in arid and semi-arid Australia, where it inhabits timbered lowland plains. In particular Acacia shrublands and that are crossed by tree-lined water courses. Species has also been observed hunting in treeless areas and frequenting tussock grassland and open woodlands (TSSC 2020).	Negligible
<i>Falco peregrinus</i>	Peregrine falcon	OS	-	Mainly found around cliffs along coasts, rivers, ranges and around wooded watercourses and lakes (Johnstone and Storr 1998).	Moderate
<i>Leipoa ocellata</i>	Malleefowl	VU	VU	Scrubs and thickets of Eucalyptus spp., Melaleuca lanceolata and Acacia linophylla; also other dense litter-forming shrublands. Attracted to fallen wheat in stubbles and along roads (Johnstone and Storr 1998).	Nil
<i>Motacilla cinerea</i>	Grey wagtail	MI	MI	In Australia mostly near running water in disused quarries, sandy and rocky streams in escarpments and rainforests, sewage ponds, ploughed fields and airfields (Pizzey & Knight 2012).	Nil

Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
<i>Numenius madagascariensis</i>	Eastern curlew	CR	CR (MI)	Mainly tidal mudflats; also reef flats, sandy beaches and rarely near-coastal lakes (including saltwork ponds) (Johnstone and Storr 1998).	Negligible
<i>Platycercus icterotis xanthogeny</i>	Western rosella (inland)	P4	-	Open eucalypt woodlands with heath understorey (Pizzey & Knight 2012).	Negligible
<i>Rostratula australis</i>	Australian painted snipe	EN	EN	Mainly shallow terrestrial freshwater (occasionally brackish) wetlands, including temporary and permanent lakes, swamps and claypans (Marchant and Higgins 1993).	Negligible
<i>Zanda baudinii</i>	Baudin's black cockatoo	EN	EN	Mainly eucalypt forests. Attracted to seeding <i>Corymbia calophylla</i> , <i>Banksia</i> spp., <i>Hakea</i> spp., and to fruiting apples and pears (Johnstone and Storr 1998).	Recorded
<i>Zanda latirostris</i>	Carnaby's black cockatoo	EN	EN	Mainly proteaceous scrubs and heaths and adjacent eucalypt woodlands and forests; also plantations of <i>Pinus</i> spp. Attracted to seeding <i>Banksia</i> spp., <i>Hakea</i> spp., <i>Eucalyptus</i> spp., <i>Corymbia calophylla</i> , <i>Grevillea</i> spp., and <i>Allocasuarina</i> spp. (Johnstone and Storr 1998).	Recorded
Invertebrates					
<i>Westralunio carteri</i>	Carter's freshwater mussel	VU	VU	Occurs in greatest abundance in slower flowing streams with stable sediments that are soft enough for burrowing amongst woody debris and exposed tree roots. Also occupies lentic systems including large water supply dams and even on-stream farm dams. Salinity tolerance quite low (Morgan et al. 2011).	Negligible

Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
Mammals					
<i>Bettongia penicillata ogilbyi</i>	Woylie	CR	EN	Woodlands and adjacent heaths with a dense understorey of shrubs, particularly <i>Gastrolobium</i> spp. (TSSC 2018).	Moderate
<i>Dasyurus geoffroii</i>	Chuditch	VU	VU	Wide range of habitats from woodlands, dry sclerophyll forests, riparian vegetation, beaches and deserts. Appears to utilise native vegetation along roadsides in the wheatbelt (DEC 2012b).	High
<i>Falsistrellus mackenziei</i>	Western false pipistrelle	P4	-	High rainfall forests dominated by jarrah, karri, marri, and tuart. Occupies hollow logs for breeding and resting (Van Dyck and Strahan 2008). Also known to utilise <i>Banksia</i> woodland on the Swan Coastal Plain (Hosken and O'Shea 1995).	Moderate
<i>Hydromys chrysogaster</i>	Rakali	P4	-	Areas with permanent water, fresh, brackish or marine. Likely to occur in all major rivers and most of the larger streams as well as bodies of permanent water in the lower south-west (Christensen et al. 1985).	Negligible

Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
<i>Isoodon fusciventer</i>	Quenda	P4	-	Dense scrubby, often swampy, vegetation with dense cover up to one metre high (DEC 2012)	Moderate
<i>Macrotis lagotis</i>	Bilby	VU	VU	Open tussock grassland on uplands and hills, mulga woodland/shrubland growing on ridges and rises and hummock grassland (spinifex) growing on sandplains and dunes, drainage systems, salt lake systems and other alluvial areas (DBCA 2017a).	Nil
<i>Myrmecobius fasciatus</i>	Numbat	EN	EN	Generally dominated by Eucalyptus spp. that provide hollow logs and branches for shelter and termites for food (van Dyck & Strahan 2008).	Moderate
<i>Notamacropus irma</i>	Western brush wallaby	P4	-	Dry sclerophyll forest, Banksia spp. woodlands and shrublands, typically favouring dense low vegetation that provides dense cover (Christensen and Strahan 1983).	Recorded
<i>Phascogale calura</i>	Red-tailed phascogale	CD	VU	Historically occurred in a variety of woodland habitats but not restricted to remnants of mature Eucalyptus wandoo or Allocasuarina huegeliana woodlands in the south-western Wheatbelt where annual rainfall is 300-600 mm (Menkhorst & Knight 2011).	High

Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
<i>Phascogale tapoatafa wambeng</i>	South-western brush-tailed phascogale	CD	-	Dry sclerophyll forests and open woodlands that contain hollow-bearing trees but a sparse ground cover (Triggs 2003).	High
<i>Pseudocheirus occidentalis</i>	Western ringtail possum	CR	CR	On the Swan Coastal Plain in <i>Agonis flexuosa</i> woodlands and <i>Agonis flexuosa</i> / <i>Eucalyptus gomphocephala</i> forests. Also <i>Eucalyptus marginata</i> forests (DBCA 2017).	Nil
<i>Setonix brachyurus</i>	Quokka	VU	VU	On the mainland mostly dense streamside vegetation or shrubland and heath areas, particularly around swamps (Cronin 2007).	Nil
Reptiles					
<i>Ctenotus delli</i>	Dell's skink	P4	-	Jarraah and marri woodland with a shrub dominated understorey, sheltering in dense vegetation, inside grass trees and beneath rocks, sometimes in burrows (Nevill 2005).	Moderate
CR=critically endangered, EN=endangered, VU=vulnerable, CD=conservation dependent, MI=migratory, OS=other specially protected, P1=Priority 1, P2=Priority 2, P3=Priority 3, P4=Priority 4. Species with a high or moderate likelihood of occurring within the site are shaded green.					

Species name	Common name	Level of		Habitat	Likelihood of occurrence
		WA	EPBC Act		
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Appendix F

Species list



Category	Status	Species name	Common name	Record type
Birds				
		<i>Acanthiza inornata</i>	Western thornbill	Sight
		<i>Acanthorhynchus superciliosus</i>	Western spinebill	Sight
		<i>Anthochaera carunculata</i>	Red wattlebird	Call, Sight
		<i>Artamus cinereus</i>	Black-faced woodswallow	Sight
		<i>Barnardius zonarius</i>	Australian ringneck	Sight
	VU	<i>Calyptorhynchus banksii naso</i>	Forest red-tailed black cockatoo	Call, Sight
		<i>Chrysococcyx basalis</i>	Horsfield's Bronze-Cuckoo	Call
		<i>Colluricincla harmonica</i>	Grey shrikethrush	Call
		<i>Caracina novaehollandiae</i>	Black-faced cuckoo-shrike	Call, Sight
		<i>Chalcites lucidus</i>	Shining bronze-cuckoo	Call
		<i>Corvus coronoides</i>	Australian raven	Call, Sight
		<i>Climacteris rufus</i>	Rufous treecreeper	Call, Sight
		<i>Coturnix pectoralis</i>	Stubble quail	Sight
		<i>Cracticus tibicen</i>	Australian magpie	Sight
		<i>Dacelo novaeguineae</i>	Laughing kookaburra	Call, Sight
		<i>Dromaius novaehollandiae</i>	Emu	Sight
		<i>Eopsaltria griseogularis</i>	Western yellow robin	Sight
		<i>Gerygone fusca</i>	Western gerygone	Call
		<i>Lichmera indistincta</i>	Brown honeyeater	Call, Sight
		<i>Lophoictinia isura</i>	Square-tailed kite	Sight
		<i>Malurus spendens</i>	Splendid fairywren	Call, Sight
		<i>Microeca fascinans</i>	Jacky winter	Sight
		<i>Pachycephala occidentalis</i>	Western whistler	Call, Sight
		<i>Pachycephala rufiventris</i>	Rufous whistler	Call
		<i>Pardalotus striatus</i>	Striated pardalote	Call
		<i>Parvipsitta porphyrocephala</i>	Purple-crowned lorikeet	Sight
		<i>Petroica boodang</i>	Scarlet robin	Sight
		<i>Phaps chalcoptera</i>	Common bronzewing	Sight
		<i>Phlidonyris novaehollandiae</i>	New Holland honeyeater	Call, Sight
		<i>Platycercus icterotis</i>	Western rosella	Sight

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	<i>Purpureicephalus spuris</i>	Red-capped parrot	Call, Sight
	<i>Rhipidura albiscrapa</i>	Grey fantail	Call
	<i>Sericornis frontalis</i>	Spotted scrubwren	Sight
	<i>Smicronis brevirostris</i>	Weebill	Call, Sight
	<i>Strepera versicolor</i>	Grey currawong	Call
EN	<i>Zanda baudinii</i>	Baudins black cockatoo	Sight
EN	<i>Zanda latirostris</i>	Carnaby's black cockatoo	Sight
	<i>Zosterops lateralis</i>	Silvereye	Call, Sight
Mammals			
	<i>Macropus fuliginosus</i>	Western grey kangaroo	Sight
P4	<i>Macropus irma</i>	Western brush wallaby	Sight
	<i>Tachyglossus aculeatus</i>	Short-beaked echidna	Sight
Reptile			
	<i>Cryptoblepharus buchananii</i>	Buchanan's snake-eyed skink	Sight
	<i>Pagona minor</i>	Western bearded dragon	Sight
	<i>Tiliqua rugosa</i>	Bobtail	Sight
	<i>Varanus gouldii</i>	Sand goanna	Sight

Note: * denotes introduced fauna species, DP=declared pest under the BAM Act, EN=Endangered under the BC and EPBC Acts, P4=Priority 4 in WA, VU=Vulnerable under the BC and EPBC Acts

Appendix G

Black cockatoo habitat tree data



Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451960.3281	6367582.818	55	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451835.4596	6367411.151	71	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451623.182	6367467.985	60	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451687.3253	6367462.201	73	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452561.4781	6367766.867	50	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452540.2668	6367739.826	60	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452601.8467	6367800.429	88	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452678.3453	6367892.811	97	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452701.0248	6367965.311	78	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452710.745	6368027.108	54	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452666.3561	6368070.575	68	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452624.8258	6368044.767	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452623.7863	6367949.089	60	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452615.768	6367942.509	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452491.9208	6368061.646	65	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452494.3071	6368052.012	81	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452489.8318	6368048.332	82	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452552.7981	6367976.353	58	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452264.9815	6368128.733	55	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452207.3461	6368278.561	70	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451903.5813	6368512.226	69	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452495.6347	6367697.595	53	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452268.2445	6367549.498	56	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452206.1225	6367504.964	78	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452190.7888	6367501.564	57	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452087.5593	6367383.552	99	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452098.0003	6367527.5	76	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451949.4781	6367735.421	75	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451981.1732	6367704.201	57	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452004.4938	6367720.611	51	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452134.1683	6367674.234	53	Potential nesting tree	Corymbia calophylla	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452134.2107	6367665.477	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	452145.0222	6367945.897	57	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451877.326	6368155.79	50	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451874.6798	6368160.988	50	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451835.3257	6368226.869	77	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451651.6353	6368349.141	74	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451850.1184	6367956.994	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451867.4999	6367982.133	58	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451519.821	6367378.235	53	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451342.62	6367382.354	50	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451331.1778	6367444.158	64	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451328.7426	6367444.479	54	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451155.4964	6367633.088	58	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451235.2732	6367646.119	54	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451344.3515	6367544.11	57	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451485.456	6367476.623	70	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451760.8148	6367785.499	70	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451585.4469	6367815.241	55	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451329.2892	6368646.221	75	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451361.0062	6368668.66	72	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451414.9527	6368605.956	82	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451561.8565	6368714.433	54	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451759.1598	6368508.862	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
275	451592.1668	6368507.936	97	Suitable nesting tree	Corymbia calophylla	AJU/NAW
-	451569.8654	6368455.168	70	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451541.1755	6368426.314	74	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451449.1498	6368122.989	66	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451447.8986	6368034.627	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
120	451438.2522	6367730.597	78	Suitable nesting tree	Corymbia calophylla	AJU/NAW
-	451218.0589	6367739.38	57	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451076.4688	6367866.061	54	Potential nesting tree	Corymbia calophylla	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451022.4928	6367935.082	50	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451104.0981	6367919.522	66	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451263.9638	6368206.223	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451218.5109	6368217.196	74	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451206.7748	6368205.387	82	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451209.8455	6368190.103	52	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451240.4449	6368173.07	59	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451262.8264	6368171.074	55	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451262.1459	6368157.213	64	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451225.7527	6368134.307	53	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451196.4752	6368224.958	50	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451191.2806	6368253.313	55	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451323.6748	6368550.631	61	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451385.3795	6368547.276	85	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	451357.1889	6368512.105	93	Potential nesting tree	Corymbia calophylla	AJU/NAW
-	450950.8938	6368084.613	50	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451017.0932	6367759.007	214	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451023.4012	6367751.611	50	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451270.7354	6368579.859	350	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451472.5007	6368553.136	195	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451629.8815	6368107.8	65	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451703.3432	6368111.484	52	Potential nesting tree	Corymbia calophylla	MS/SCM
-	452020.1754	6367999.726	57	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451853.2567	6367889.162	64	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451861.5372	6367726.347	45	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451933.3707	6367390.342	92	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451766.37	6367625.221	53	Potential nesting tree	Corymbia calophylla	MS/SCM
-	452326.3014	6367427.719	52	Potential nesting tree	Corymbia calophylla	MS/SCM
-	452362.3562	6367559.707	53	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451738.5241	6368613.415	51	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451767.3657	6368572.98	60	Potential nesting tree	Corymbia calophylla	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451836.9061	6368556.025	51	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451371.353	6367877.714	54	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451270.5336	6367404.615	50	Potential nesting tree	Corymbia calophylla	MS/SCM
-	451928.3842	6367549.737	79	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451973.6679	6367572.794	95	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451941.6137	6367543.149	90	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451937.9172	6367533.376	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451917.6796	6367499.021	81	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451938.7044	6367506.218	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451910.7139	6367468.611	73	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451913.5558	6367461.641	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451911.7086	6367456.532	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451884.0697	6367462.162	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451875.8985	6367448.708	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451901.3175	6367437.635	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451905.4169	6367441.535	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451884.1115	6367434.336	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451883.4433	6367436.994	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451905.8658	6367406.948	79	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451877.226	6367406.698	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451867.016	6367408.312	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451855.4272	6367385.529	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451837.241	6367391.316	97	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451818.5755	6367399.429	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451806.8343	6367388.729	76	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451815.1429	6367412.383	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451756.758	6367408.218	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451759.812	6367415.328	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451718.2198	6367345.726	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
311	451662.5246	6367365.852	66	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451647.524	6367351.81	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451634.2578	6367404.183	67	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451626.3725	6367408.911	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451644.0091	6367400.683	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
312	451657.4367	6367391.88	54	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451683.2264	6367381.585	63	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451699.7885	6367382.552	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451699.6921	6367402.285	67	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451572.5114	6367417.517	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451634.466	6367419.039	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451642.3118	6367422.404	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451654.5567	6367406.61	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451650.4703	6367419.228	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451654.4478	6367428.893	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451840.2159	6367799.19	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451852.5141	6367868.649	73	Potential nesting tree	Eucalyptus marginata	AJU/NAW
307	451821.4044	6367779.476	80	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451804.3837	6367757.22	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451838.2515	6367760.49	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451860.6948	6367764.811	0	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451851.6449	6367643.374	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451762.3634	6367544.716	83	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451764.9316	6367536.303	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451751.2697	6367535.571	63	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451695.1005	6367422.551	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451724.911	6367489.767	57	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451734.671	6367503.673	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451730.0367	6367551.875	66	Potential nesting tree	Eucalyptus marginata	AJU/NAW
318	451789.2423	6367599.058	80	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	452583.9968	6367794.579	98	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452567.5297	6367793.17	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452601.1652	6367766.835	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
319	452620.8072	6367769.812	108	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	452619.9213	6367778.898	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452620.4383	6367788.213	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452617.3948	6367798.287	77	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452593.2727	6367792.628	91	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452616.6845	6367829.324	82	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452640.9364	6367827.445	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452620.3432	6367866.702	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452642.7823	6367872.02	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452642.3336	6367887.539	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
322	452656.8313	6367870.203	95	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	452652.3574	6367846.679	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452674.2836	6367880.929	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452691.807	6367915.934	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452701.6253	6367937.599	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452719.5158	6367935.024	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452717.4451	6367917.83	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452698.9054	6367958.317	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452714.2521	6367978.789	122	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452708.0344	6368006.696	61	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452713.0635	6368012.042	76	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452689.2113	6367988.979	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452707.684	6368040.84	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452700.5327	6368048.677	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452685.5033	6368059.691	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452670.3186	6368064.053	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452651.051	6368060.967	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452661.9761	6368046.94	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452655.6064	6368047.908	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452660.2195	6368042.387	74	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452659.4014	6368037.283	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452617.3449	6368023.668	76	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452612.9515	6368022.427	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452628.7482	6368007.536	93	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452636.2001	6367995.599	112	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452621.9362	6367964.046	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452626.8647	6367970.832	77	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452617.5029	6367951.608	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452612.7335	6367950.699	73	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452613.6095	6367963.23	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452590.6681	6367945.493	61	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452588.3244	6367946.258	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452552.061	6368032.445	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452550.3156	6368045.075	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452545.9477	6368058.025	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452522.9998	6368080.641	59	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452505.9707	6368059.718	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452526.1254	6368033.984	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452524.9256	6368010.919	95	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452568.8278	6367971.441	61	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452587.2539	6367974.301	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452390.7216	6368064.374	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452386.3752	6368053.378	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452383.6596	6368053.587	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452381.2185	6368055.127	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452369.7252	6368050.97	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452366.3134	6368059.711	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452364.1387	6368064.246	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452355.7022	6368066.755	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452353.2885	6368082.043	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452329.2473	6368098.334	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452294.0362	6368082.201	88	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452277.7478	6368101.855	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452253.2218	6368140.982	81	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452268.9268	6368145.27	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451861.902	6368536.302	59	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451821.2911	6368552.401	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451798.8784	6368541.428	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451794.4654	6368544.178	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451793.1878	6368537.409	82	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451785.8745	6368520.633	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451782.1113	6368524.495	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451765.0702	6368544.589	76	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451690.7255	6368548.55	67	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451674.5807	6368557.561	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451684.2644	6368568.14	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452461.7254	6367644.551	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452449.3125	6367637.064	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452351.5377	6367590.475	91	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452346.7781	6367587.569	80	Potential nesting tree	Eucalyptus marginata	AJU/NAW
333	452349.2951	6367589.688	82	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	452178.2992	6367451.949	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452162.273	6367436.905	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452137.5752	6367415.057	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452118.6197	6367347.783	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452112.07	6367328.018	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452082.0276	6367327.54	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452056.2966	6367345.153	57	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452052.185	6367382.382	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452053.5599	6367388.376	79	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452059.5936	6367398.715	59	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452067.1351	6367406.955	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452089.5181	6367423.582	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452092.7041	6367422.821	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452095.4578	6367434.032	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452095.2382	6367479.373	57	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452085.4234	6367476.665	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452083.6526	6367475.104	57	Potential nesting tree	Eucalyptus marginata	AJU/NAW
336	452075.8872	6367455.112	66	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	452101.7271	6367492.375	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452096.4762	6367513.635	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452111.2384	6367538.429	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452117.2138	6367599.543	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452032.3697	6367782.053	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452094.1368	6367629.474	80	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452084.7227	6367621.336	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452086.5751	6367606.046	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452089.5545	6367589.985	74	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452097.8256	6367602.22	97	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452111.112	6367583.882	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452103.8377	6367578.414	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452095.0587	6367555.091	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452081.5584	6367520.991	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	452053.0003	6367465.2	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451976.6855	6368127.338	81	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451871.0326	6368198.774	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451851.0943	6368218.077	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451724.538	6368179.989	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451790.1103	6368150.82	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451798.4728	6368144.32	73	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451788.7657	6368138.619	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451788.3907	6368138.728	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451797.4738	6368118.817	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451815.7357	6368136.2	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451828.4312	6368104.888	51	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451851.6913	6367999.24	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451837.8267	6367982.321	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451827.5762	6367953.669	66	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451846.7355	6368017.397	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451852.2637	6368035.494	61	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451890.4812	6368029.915	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451883.6195	6368055.048	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451901.1441	6368050.809	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451859.5101	6368085.195	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451862.0423	6368122.679	59	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451861.2026	6368122.12	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451845.3174	6368097.21	51	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451496.6861	6367400.627	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
105	451539.6781	6367451.723	90	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451506.5829	6367424.732	53	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451286.7744	6367451.811	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451141.4901	6367645.213	58	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451122.2565	6367654.431	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451099.227	6367636.246	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451102.7278	6367666.529	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451096.7205	6367669.936	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451114.2452	6367684.545	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
110	451089.3407	6367704.821	95	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451081.6995	6367716.867	57	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451083.7269	6367723.307	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451080.9072	6367744.578	62	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451082.3308	6367759.552	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451102.4378	6367744.131	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451149.0649	6367703.453	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451159.7412	6367702.286	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451235.7993	6367653.328	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451798.1822	6367742.889	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451760.9158	6367745.59	67	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451741.9136	6367784.188	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451736.7532	6367786.712	56	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451617.9012	6367916.172	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451603.1129	6368049.91	72	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451605.0654	6368110.006	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451583.2335	6368095.377	59	Potential nesting tree	Eucalyptus marginata	AJU/NAW
293	451546.7902	6368101.739	84	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451545.5183	6367998.299	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451553.3796	6367845.681	59	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451560.223	6367824.429	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451560.3172	6367824.319	79	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451587.8317	6367825.23	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451585.018	6367807.256	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451597.1626	6367812.083	51	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451583.0942	6367798.711	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451558.0052	6367799.475	87	Potential nesting tree	Eucalyptus marginata	AJU/NAW
291	451570.6032	6367769.049	82	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451566.7024	6367762.822	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
290	451577.3377	6367750.901	126	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451586.2947	6367775.889	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451597.5232	6367795.788	52	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451598.5677	6367773.621	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451607.5116	6367763.022	80	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451625.9395	6367746.261	96	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451629.5608	6367733.086	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451632.3445	6367718.91	86	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451635.6953	6367703.627	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451636.2915	6367696.535	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451666.3912	6367723.843	68	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451693.3829	6367678.411	89	Potential nesting tree	Eucalyptus marginata	AJU/NAW
288	451682.978	6367643.217	125	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
284	451722.4656	6367588.09	110	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451700.8186	6367574.126	98	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451678.7739	6367584.107	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451650.2255	6368695.132	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451742.0191	6368510.996	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451631.1959	6368489.946	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451416.2545	6368512.395	51	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451399.647	6368520.296	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451464.581	6368392.902	55	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451457.7292	6367881.575	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451471.2859	6367846.609	75	Potential nesting tree	Eucalyptus marginata	AJU/NAW
119	451472.6418	6367780.099	68	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451461.8914	6367758.207	92	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451452.5342	6367757.606	100	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451559.4791	6367727.865	61	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451554.6803	6367713.873	54	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451561.2152	6367698.274	60	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451677.8547	6367484.881	64	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451678.2929	6367490.981	80	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451672.9258	6367516.675	70	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451350.6387	6367616.977	57	Potential nesting tree	Eucalyptus marginata	AJU/NAW
125	451093.8279	6367989.979	208	Suitable nesting tree	Eucalyptus marginata	AJU/NAW
-	451127.4856	6367960.102	65	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451322.4739	6368528.342	131	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451340.7863	6368554.484	50	Potential nesting tree	Eucalyptus marginata	AJU/NAW
-	451022.8297	6367753.603	157	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451043.5233	6367752.043	219	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451044.9853	6367759.256	180	Potential nesting tree	Eucalyptus marginata	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451047.2956	6367765.254	170	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451678.5072	6368098.614	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451727.5121	6368088.432	60	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451816.5262	6368089.199	50	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451833.3285	6368079.525	54	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451810.7692	6368175.754	58	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451818.8962	6368159.94	107	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451868.8772	6368141.559	50	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451879.8675	6368133.63	62	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451917.4551	6368045.9	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451964.759	6368038.923	80	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452005.3945	6368036.571	62	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451986.4057	6368033.929	64	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451876.8817	6368016.213	110	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451648.447	6367986.386	87	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451656.3859	6367970.794	50	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451809.7843	6367935.955	65	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451832.8663	6367924.538	65	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451823.3865	6367910.634	79	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451868.3943	6367913.736	80	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451778.8375	6367832.593	66	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451780.3501	6367810.317	65	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451774.6838	6367801.42	69	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452015.6588	6367657.253	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452010.6007	6367600.134	47	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452014.4877	6367589.954	55	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452003.0548	6367573.491	114	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451974.5093	6367553.73	79	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451945.5476	6367523.324	82	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451922.016	6367396.384	85	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451957.7358	6367384.252	57	Potential nesting tree	Eucalyptus marginata	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452007.271	6367360.436	53	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452047.9752	6367343.339	59	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452048.499	6367331.812	59	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451741.4045	6367428.098	68	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451752.2816	6367424.049	65	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451808.4413	6367481.528	61	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451803.8741	6367496.804	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451828.2181	6367514.328	60	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451875.7582	6367477.532	78	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451874.4576	6367475.53	75	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451770.3391	6367655.838	82	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451768.3319	6367664.364	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451773.2214	6367698.201	63	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451748.3173	6367757.058	89	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451739.1581	6367735.063	56	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451733.7374	6367695.015	53	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451726.0407	6367680.233	54	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451725.359	6367666.483	65	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451721.2704	6367660.366	59	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451737.2064	6367655.455	68	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451739.0324	6367645.708	70	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451638.5145	6367529.034	56	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451639.8753	6367518.73	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451560.6203	6367361.03	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451602.4355	6367346.601	50	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451583.7406	6367284.205	57	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451535.5484	6367263.016	58	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451458.7035	6367244.347	64	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451435.9437	6367266.63	60	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452331.1101	6367439.827	95	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452349.5848	6367490.69	58	Potential nesting tree	Eucalyptus marginata	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452716.5713	6367885.233	51	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452667.1956	6368012.487	66	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	452237.8667	6368141.795	60	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451963.3077	6368414.958	52	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451839.0691	6368496.281	53	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451725.53	6368628.983	92	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451728.7624	6368618.8	68	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451774.265	6368578.668	78	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451783.2171	6368566.517	51	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451791.1033	6368561.788	79	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451487.9993	6367816.87	51	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451235.8982	6367481.382	50	Potential nesting tree	Eucalyptus marginata	MS/SCM
-	451137.3023	6368417.344	170	Potential nesting tree	Eucalyptus rudis	MS/SCM
-	451134.9501	6368419.771	190	Potential nesting tree	Eucalyptus rudis	MS/SCM
-	451111.5642	6368378.637	225	Potential nesting tree	Eucalyptus rudis	MS/SCM
-	451080.507	6368374.492	200	Potential nesting tree	Eucalyptus rudis	MS/SCM
-	451017.9335	6368364.427	170	Potential nesting tree	Eucalyptus rudis	MS/SCM
-	451934.0165	6367739.005	62	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451904.2437	6367702.054	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451897.7215	6367695.925	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451911.8475	6367678.256	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451912.8083	6367673.161	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451910.3086	6367667.495	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451943.3302	6367632.956	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451576.3317	6367440.151	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451851.3898	6367830.396	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451856.4145	6367836.518	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451862.747	6367843.201	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451850.7937	6367875.957	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451822.2133	6367844.001	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451853.1985	6367747.259	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451848.7419	6367739.809	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451821.9548	6367743.337	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451861.4233	6367711.269	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451865.2655	6367691.111	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452588.7165	6367766.775	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452556.5142	6367767.508	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452575.9976	6367744.986	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452527.9192	6367718.703	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452537.2679	6367701.564	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452515.276	6367681.171	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452499.9328	6367679.656	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452645.5069	6367830.793	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452498.8498	6368100.148	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452487.2039	6368088.784	104	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452494.7596	6368074.741	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452473.7307	6368048.588	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452426.4454	6367993.373	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452409.1657	6368005.152	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452415.5528	6368020.038	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452408.7743	6368047.61	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452405.9582	6368049.26	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452375.6947	6368035.921	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452380.3294	6368045.367	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452325.9054	6368092.553	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452312.0025	6368102.797	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452309.7299	6368108.218	85	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452293.6352	6368126.543	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452348.7824	6368045.88	72	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452300.5563	6368108.284	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452265.4169	6368116.097	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452254.0476	6368163.823	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452256.5653	6368165.831	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452254.1872	6368173.691	68	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452240.9229	6368167.973	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452252.3729	6368181.11	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452248.1918	6368194.06	59	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452267.9544	6368191.606	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452279.5382	6368215.83	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452279.6153	6368238.667	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452280.3459	6368242.44	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452249.683	6368234.199	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452249.9584	6368235.309	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452239.0699	6368241.576	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452275.9444	6368262.263	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452277.3725	6368257.281	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452247.1615	6368271.769	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452228.2716	6368287.309	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452223.1641	6368278.859	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452225.9669	6368260.581	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452194.1464	6368259.429	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452181.0755	6368271.783	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452172.2605	6368294.467	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452158.936	6368301.165	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452155.3122	6368295.604	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452152.5127	6368293.817	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452155.1486	6368290.725	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452154.7004	6368286.621	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452159.5273	6368275.669	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452165.4688	6368266.497	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452138.0225	6368270.577	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452063.9332	6368318.886	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452062.8756	6368324.646	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452069.7261	6368340.421	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452072.8732	6368347.753	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452086.9204	6368346.491	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452028.9004	6368323.816	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452030.8263	6368312.739	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452033.6527	6368308.984	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452005.3552	6368334.123	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452001.9972	6368331.667	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452001.5572	6368325.901	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452001.8681	6368319.694	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452017.7151	6368294.716	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452007.7586	6368243.893	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452006.907	6368245.774	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451983.4286	6368280.914	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451979.196	6368285.106	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451993.8757	6368288.503	62	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451949.2054	6368311.9	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451965.1407	6368345.901	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451959.6346	6368361.727	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451943.6337	6368456.879	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451901.7797	6368439.936	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451905.9857	6368479.755	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451889.5176	6368478.345	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451878.7337	6368462.994	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451875.8978	6368487.924	54	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451882.9547	6368499.709	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451849.0259	6368527.703	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451849.1254	6368526.484	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451784.4531	6368524.174	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451689.724	6368542.78	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451665.5458	6368548.316	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451660.5002	6368565.585	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451657.5827	6368568.786	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451629.9297	6368576.633	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451620.4511	6368562.396	54	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452501.9129	6367657.161	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452456.7458	6367667.919	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452350.9602	6367613.199	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452351.1485	6367612.978	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452319.8594	6367579.679	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452292.5439	6367576.444	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452273.7416	6367554.735	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452273.5752	6367550.411	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452279.4248	6367540.794	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452273.5453	6367537.218	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452248.7549	6367534.438	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452243.193	6367562.015	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452219.052	6367541.057	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452245.6994	6367527.549	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452246.6456	6367525.448	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452210.7589	6367533.367	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452214.3869	6367499.239	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452214.7752	6367496.359	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452204.7294	6367483.34	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452190.9547	6367486.599	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452192.0432	6367474.409	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452195.1217	6367476.531	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452176.8479	6367423.007	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452177.5001	6367404.275	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451868.617	6367791.013	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451868.6289	6367788.574	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451919.5246	6367754.898	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451904.9472	6367769.129	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451904.22	6367764.691	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451960.6023	6367738.358	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451951.4497	6367714.922	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451983.1909	6367712.748	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451978.477	6367738.999	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452011.2727	6367731.73	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452002.0903	6367733.681	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452003.3254	6367749.208	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451995.6675	6367764.913	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452012.7617	6367772.091	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451989.9106	6367774.641	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451993.8186	6367779.427	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452010.2071	6367797.023	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452015.3099	6367806.36	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452014.4218	6367796.489	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452020.3433	6367791.418	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452033.3316	6367796.026	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452037.2666	6367814.559	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452035.0638	6367824.859	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452040.0702	6367796.17	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452126.4102	6367826.742	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452177.3136	6367810.692	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452170.0963	6367812.763	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452136.4785	6367738.434	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452127.0995	6367722.979	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452160.9008	6367739.994	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451907.5274	6367796.746	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451928.4674	6367782.99	56	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451933.3191	6367766.938	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451947.4634	6367764.79	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451960.2143	6367779.707	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451961.9922	6367779.827	59	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451952.5735	6367791.865	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451882.4828	6367826.889	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451870.8068	6367841.133	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451883.0071	6367834.541	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451934.2988	6367835.012	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451890.3577	6367862.846	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451890.1834	6367860.185	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451888.9833	6367856.742	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451889.6053	6367844.329	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451898.1617	6367894.147	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451901.7201	6367893.832	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451919.9986	6367888.489	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451959.2474	6367843.891	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451988.0756	6367863.432	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451992.8675	6367859.686	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451981.9588	6367850.875	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451982.769	6367838.241	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452022.6103	6367864.376	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452035.4372	6367844.372	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452055.6937	6367875.068	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452097.2622	6367853.873	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452119.1287	6367861.407	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452146.5192	6367868.634	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452163.8467	6367846.989	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452173.4008	6367845.594	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452172.1295	6367837.495	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452204.1813	6367848.625	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452208.6789	6367847.649	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452191.4633	6367865.526	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452191.3692	6367865.636	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452170.6973	6367882.055	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452190.4784	6367895.01	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452185.778	6367899.2	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452155.6856	6367908.7	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452155.4064	6367908.366	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452147.6413	6367907.552	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452147.3839	6367922.074	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452194.119	6367916.424	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452182.7103	6367933.552	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452183.1606	6367937.213	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452168.907	6367942.576	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452158.5965	6367945.52	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452135.233	6367957.158	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452138.0874	6367966.928	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452130.701	6367965.229	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452123.7589	6367968.41	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452116.0922	6367966.599	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452111.3252	6367984.536	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452120.9353	6368010.302	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452114.8099	6368018.809	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452096.6306	6368003.644	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452085.9912	6367997.162	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452089.986	6368003.39	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452093.3438	6368005.845	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452093.2601	6368023.139	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452087.0512	6368029.539	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452105.6221	6368041.158	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452068.1406	6368049.402	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452085.3682	6368048.488	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452090.0273	6368052.834	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452066.5307	6368072.565	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452050.231	6368075.146	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452047.5268	6368073.027	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452041.4453	6368072.443	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452035.3488	6368055.673	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452020.8825	6368066.246	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452016.8673	6368083.521	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452031.7038	6368093.127	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452029.2551	6368096.219	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452040.1781	6368102.148	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452004.4457	6368116.386	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	452002.6796	6368113.828	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451976.2224	6368126.338	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451974.4735	6368139.522	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451948.6817	6368111.349	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451932.2549	6368140.093	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451915.0782	6368149.765	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451924.8521	6368161.01	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451929.2277	6368165.909	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451899.6862	6368177.406	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451879.5299	6368164.559	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451882.225	6368168.563	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451885.0361	6368187.201	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451842.5597	6368183.004	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451845.0713	6368186.231	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451853.0451	6368201.901	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451797.6953	6368207.84	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451805.1067	6368204.439	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451793.1906	6368229.436	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451783.3682	6368228.168	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451782.6453	6368222.844	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451783.2242	6368219.299	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451785.6703	6368216.761	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451752.908	6368216.823	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451755.5453	6368251.868	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451750.5897	6368250.735	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451738.1453	6368249.677	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451738.6403	6368244.136	62	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451714.0772	6368251.998	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451741.4912	6368254.571	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451736.6925	6368259.647	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451739.6943	6368258.332	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451722.1775	6368280.086	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451709.6724	6368272.264	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451699.4641	6368273.323	65	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451697.2977	6368276.084	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451691.9098	6368267.632	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451687.9482	6368254.642	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451642.2476	6368297.212	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451644.5953	6368295.671	90	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451639.5987	6368341.211	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451638.4592	6368344.531	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451633.9239	6368353.156	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451608.2536	6368338.508	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451591.2098	6368359.155	53	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451598.1553	6368374.488	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451584.2405	6368386.947	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451580.5796	6368389.036	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451553.2141	6368376.485	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451550.2076	6368359.62	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451548.4497	6368355.398	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451566.6007	6368338.082	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451586.6469	6368316.008	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451600.0882	6368304.655	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451600.0857	6368286.03	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451614.9495	6368270.915	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451641.692	6368276.81	67	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451651.8571	6368265.441	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451640.4596	6368260.84	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451665.6634	6368255.975	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451681.3548	6368243.857	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451663.2618	6368230.243	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451688.0916	6368225.265	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451695.8429	6368209.782	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451720.4368	6368214.78	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451745.7627	6368184.86	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451756.8987	6368185.469	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451747.2667	6368164.358	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451768.5069	6368146.835	63	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451792.2484	6368134.645	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451777.7627	6368129.918	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451777.0182	6368129.027	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451900.592	6367894.824	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451899.1589	6367900.804	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451911.9617	6367905.079	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451930.1488	6367899.292	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451895.1739	6367950.34	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451908.7985	6367978.121	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451881.6598	6367957.591	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451880.5344	6367958.029	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451813.2024	6367964.464	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451804.1254	6367983.155	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451773.9079	6367979.793	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451767.0999	6367993.839	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451786.2969	6367992.159	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451788.8473	6367987.404	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451821.6479	6367998.539	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451816.6044	6368015.476	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451790.0346	6368012.686	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451787.3234	6368012.008	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451791.6227	6368032.538	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451890.4039	6368065.058	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451901.6602	6368079.414	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451502.9662	6367475.157	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
104	451546.4587	6367481.467	75	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451517.4488	6367346.628	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451502.7103	6367355.536	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451503.1522	6367360.859	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451490.0772	6367374.098	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451478.2276	6367385.57	54	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451475.2477	6367363.383	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451468.4413	6367358.028	58	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451486.2549	6367351.907	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451479.9241	6367325.935	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451473.9764	6367317.258	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451443.9482	6367313.896	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451439.9405	6367310.44	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451442.1791	6367350.139	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451442.9578	6367363.114	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451434.3449	6367363.515	65	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451426.2401	6367374.783	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451409.4049	6367372.261	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451417.7904	6367360.995	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451420.0732	6367353.578	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451412.9822	6367387.134	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451406.9828	6367388.989	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451403.8941	6367388.974	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451405.5391	6367397.075	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
107	451381.5657	6367361.482	85	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451371.5585	6367378.949	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451376.1462	6367397.707	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451377.1594	6367401.038	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451391.9219	6367406.321	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451355.2389	6367404.81	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451352.2864	6367396.148	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451354.4511	6367393.72	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451313.4261	6367399.616	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451318.8915	6367411.172	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451312.5164	6367432.315	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451302.1982	6367417.852	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451270.2872	6367454.612	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451280.0741	6367481.932	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451280.2954	6367494.017	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451249.8645	6367496.306	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451248.2534	6367538.315	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451226.5	6367527.122	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451219.6398	6367589.614	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451212.9785	6367592.796	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451211.0661	6367600.99	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451208.9232	6367598.984	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451192.3411	6367602.007	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451191.1079	6367605.326	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
108	451183.0777	6367601.407	90	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451201.3302	6367563.36	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451172.916	6367574.195	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451160.877	6367585.998	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451176.0453	6367622.879	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451123.0519	6367626.054	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
109	451130.5906	6367634.738	104	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451093.9409	6367758.833	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451172.4629	6367684.944	78	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451174.9528	6367673.537	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451184.8163	6367685.337	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451196.7859	6367668.656	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451210.4335	6367615.399	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451213.7899	6367618.076	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451231.4678	6367620.603	53	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
113	451239.2304	6367621.86	97	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451250.578	6367598.414	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451254.6619	6367605.418	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451387.0855	6367476.251	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451375.6395	6367481.738	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451379.3084	6367458.918	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451384.8912	6367427.572	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451389.7985	6367419.392	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451400.3161	6367412.349	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451406.7976	6367426.682	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451401.7825	6367437.743	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451421.7033	6367421.877	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451431.137	6367406.846	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451432.5632	6367402.308	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451446.0361	6367441.508	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451443.5602	6367450.143	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451426.1023	6367460.035	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451401.3824	6367481.088	112	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451378.6288	6367540.065	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451444.2572	6367479.746	67	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451467.9382	6367460.573	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451470.7493	6367459.921	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451477.4301	6367490.885	62	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451504.6293	6367498.667	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451507.6521	6367493.028	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451526.4759	6367490.903	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451526.8291	6367495.229	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451565.4897	6367475.241	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451539.2838	6367532.207	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451589.8989	6367517.599	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451590.124	6367548.087	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451573.0262	6367541.795	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451569.247	6367548.983	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451551.1458	6367556.433	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451543.2728	6367558.611	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451540.8648	6367553.389	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451587.7586	6367591.533	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451593.6721	6367588.125	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451604.2977	6367597.268	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451609.8121	6367579.779	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451619.85	6367555.993	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451711.3964	6367823.173	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451711.6101	6367817.742	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451706.876	6367828.805	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451729.7988	6367811.622	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451757.3755	6367818.963	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451759.1274	6367824.404	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451747.2441	6367842.749	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451747.15	6367842.859	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451739.3368	6367832.733	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451733.6791	6367841.241	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451719.0689	6367842.944	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451779.864	6367852.442	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451778.2514	6367895.227	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451696.549	6367911.79	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451695.5627	6367902.916	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451692.7515	6367884.388	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451694.94	6367877.082	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
299	451677.8875	6367880.547	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451670.6791	6367899.912	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451638.8775	6367914.28	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451635.6664	6367920.139	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451641.6724	6367936.133	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451612.3132	6368025.233	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451616.8362	6368095.652	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451588.3896	6368112.918	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451592.0091	6368119.255	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451579.3959	6368133.605	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451593.3128	6368139.771	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451573.5282	6368127.59	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451572.0346	6368145.875	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451573.023	6368154.305	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451582.4167	6368166.657	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451581.4546	6368171.973	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451566.8802	6368166.248	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451601.5196	6368184.266	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451604.456	6368177.186	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451589.6749	6368213.698	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451585.8643	6368208.136	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451550.9904	6368199.761	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451558.5701	6368200.242	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451568.3716	6368224.901	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451560.65	6368234.287	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451563.7052	6368241.175	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451562.372	6368245.825	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451556.7772	6368260.542	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451562.885	6368274.873	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451564.7237	6368300.823	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451552.7592	6368297.328	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451545.4146	6368306.161	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451541.0168	6368305.807	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451537.1837	6368285.722	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451545.9487	6368273.57	64	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451538.3578	6368256.239	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451531.5028	6368241.572	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451521.2732	6368227.885	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451522.6838	6368226.562	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451511.4688	6368222.959	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451522.2696	6368215.585	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451503.8198	6368198.422	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451499.6151	6368177.781	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451501.2203	6368155.838	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451536.3904	6368141.931	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451515.5561	6368133.847	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451508.3346	6368136.694	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451505.5895	6368123.82	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451522.1581	6368104.612	38	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451509.6237	6367988.257	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451515.4928	6367974.871	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451519.3771	6367965.356	54	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451537.4644	6367960.899	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451546.1414	6367947.528	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451524.3089	6367933.12	54	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451539.7823	6367927.209	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451536.244	6367923.422	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451524.0138	6367916.932	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451530.7007	6367908.54	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451530.2685	6367901.221	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451362.7908	6368572.219	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451352.1733	6368599.328	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451336.9104	6368600.251	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451348.8964	6368618.491	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451344.501	6368636.651	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451341.2917	6368642.067	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451339.6078	6368641.837	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451337.3296	6368648.256	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451370.3828	6368665.491	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451374.211	6368648.437	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451402.8136	6368637.935	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451406.1965	6368635.291	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
282	451414.8406	6368609.725	181	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451410.2723	6368586.865	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451400.3941	6368577.836	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451376.9013	6368615.303	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451412.4122	6368570.468	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451450.5098	6368608.902	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451421.2341	6368642.128	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451407.2594	6368666.67	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451402.0059	6368668.972	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451393.769	6368668.821	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451394.9259	6368700.09	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451391.6082	6368708.499	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451413.266	6368701.621	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451412.429	6368700.508	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451427.1042	6368704.904	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451424.6351	6368712.098	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451405.3964	6368721.981	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451398.5368	6368727.269	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451386.2605	6368749.048	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451392.9856	6368752.074	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451398.1868	6368760.414	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451418.8749	6368779.473	67	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451396.6118	6368776.149	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451395.6773	6368775.812	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451423.2914	6368756.99	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451444.7196	6368758.758	52	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451448.1199	6368752.567	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451444.4376	6368739.91	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451450.7899	6368742.602	60	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451451.9557	6368733.961	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451456.5234	6368718.795	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451445.1173	6368715.857	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451437.6134	6368718.924	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451434.7105	6368719.132	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451462.019	6368705.297	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451466.6879	6368688.58	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451511.1503	6368593.568	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451548.3212	6368611.044	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451525.0688	6368637.759	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451507.0217	6368652.858	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451498.2471	6368647.827	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451495.7813	6368673.424	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451512.4316	6368675.944	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451512.246	6368675.611	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451529.4007	6368670.706	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451526.4003	6368671.689	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451529.3893	6368673.034	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451535.7454	6368674.95	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451546.6413	6368667.354	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451563.0189	6368668.21	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451578.6367	6368671.28	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451576.6528	6368694.107	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451570.558	6368696.184	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451557.133	6368704.1	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451555.9614	6368713.961	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451559.5741	6368721.739	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451572.0571	6368715.038	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451543.7904	6368733.413	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451552.6289	6368744.543	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451530.7481	6368758.736	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451526.6228	6368760.047	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451518.6322	6368747.813	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451509.8171	6368731.916	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451501.1213	6368729.878	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451504.8921	6368705.396	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451531.0429	6368698.54	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451555.6247	6368648.884	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451558.3969	6368637.146	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451587.3364	6368615.115	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451587.4425	6368612.566	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451583.348	6368626.736	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451579.2233	6368627.936	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451579.4732	6368634.256	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451584.1123	6368642.704	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451593.6216	6368669.801	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451601.6426	6368675.827	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451593.0283	6368695.407	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451591.7232	6368694.292	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451600.164	6368710.186	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451594.9949	6368714.374	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451603.7404	6368725.392	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451619.4823	6368722.254	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451615.7826	6368693.966	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451625.4806	6368682.484	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451621.8516	6368678.032	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451625.8162	6368671.289	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451639.9812	6368684.329	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451639.1127	6368689.646	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451639.8605	6368689.871	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451649.3787	6368696.015	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451648.2561	6368657.541	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451653.3635	6368646.812	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451651.0228	6368646.911	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451639.5307	6368642.421	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451641.9634	6368642.654	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451623.8124	6368621.613	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451624.0023	6368621.06	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451618.2111	6368618.481	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451614.0293	6368593.074	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451629.6584	6368593.815	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451653.1777	6368589.052	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451649.4664	6368582.272	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451647.986	6368578.717	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451655.0655	6368585.847	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451665.807	6368590.666	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451674.3777	6368599.133	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451678.0057	6368603.807	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451677.7415	6368638.727	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451680.3165	6368648.163	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451650.5765	6368623.296	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451725.8663	6368502.492	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451743.5892	6368496.148	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451749.3035	6368495.289	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451768.0561	6368488.951	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451785.9721	6368481.389	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451801.4866	6368447.984	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451791.4344	6368436.184	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451813.2365	6368399.484	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451778.212	6368402.639	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451735.8971	6368441.9	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451721.4126	6368436.84	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451715.4846	6368462.309	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451690.0298	6368460.966	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451682.0084	6368455.051	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451645.3234	6368491.456	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451635.8312	6368499.17	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451640.3005	6368504.07	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451629.7656	6368514.439	47	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451620.09	6368521.376	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451585.3873	6368535.175	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451570.283	6368503.727	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451588.1349	6368490.178	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
273	451607.2495	6368486.392	65	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451685.4545	6368439.436	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451705.0013	6368423.789	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451653.4378	6368401.698	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451643.898	6368438.346	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451604.2493	6368429.949	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451596.1675	6368417.271	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451587.9004	6368423.328	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451584.6684	6368433.4	56	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451544.6964	6368319.017	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451545.78	6368327.116	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451539.0603	6368342.16	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451525.5164	6368336.218	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451469.4912	6368326.963	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451455.1702	6368307.714	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451434.3063	6368343.753	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451432.0554	6368344.628	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451458.1112	6368337.883	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451493.3457	6368330.074	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451503.996	6368334.339	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451509.4147	6368336.472	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451505.9242	6368341.998	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451505.7828	6368351.753	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451514.2137	6368350.464	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451503.7834	6368358.616	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451500.9633	6368361.041	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451497.9022	6368374.441	53	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451510.8479	6368368.739	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451516.4939	6368400.917	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451515.2607	6368404.237	69	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451509.929	6368403.434	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451511.8071	6368402.224	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451517.0602	6368438.169	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451516.4785	6368442.268	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451513.0048	6368444.357	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451515.1957	6368493.923	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451503.0759	6368502.954	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451478.2059	6368477.778	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451453.4396	6368507.811	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451448.2722	6368511.665	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451442.3696	6368512.745	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451429.5379	6368514.234	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451431.4405	6368488.967	68	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451434.1105	6368479.003	60	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451453.1358	6368455.261	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451489.9673	6368427.283	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451458.1512	6368406.063	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451440.5186	6368432.14	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451403.6358	6368451.47	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451412.1811	6368465.037	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451453.8006	6368128.999	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451469.1651	6368145.371	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451463.7618	6368159.202	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451473.6119	6368173.884	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451471.3876	6368150.26	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451473.0033	6367992.622	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451462.9717	6367786.038	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451426.1927	6367708.476	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451465.2825	6367639.38	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451500.6681	6367657.513	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451510.0437	6367654.344	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451507.7325	6367648.457	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451518.0969	6367653.607	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451535.7178	6367648.705	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451539.2946	6367644.62	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451509.3605	6367621.858	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451513.4055	6367636.844	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451513.2096	6367638.617	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451536.0341	6367603.253	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451516.3646	6367548.724	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451506.2092	6367539.14	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451496.7151	6367528.34	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451446.971	6367537.075	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451433.5321	6367567.164	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451425.2619	6367554.928	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451424.0402	6367555.92	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451425.4637	6367590.072	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451381.6894	6367583.871	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451387.6571	6367626.582	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451381.6388	6367670.343	51	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451357.4561	6367677.208	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451349.8932	6367673.402	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451336.2225	6367655.375	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451334.0829	6367652.703	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451321.6464	6367688.229	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451327.8842	6367695.022	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451338.8083	6367719.576	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451313.3877	6367711.691	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451300.5458	6367696.44	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451300.2776	6367693.889	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451289.7467	6367722.55	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451291.8951	6367723.447	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451292.362	6367723.671	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451280.3789	6367743.124	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451229.0024	6367759.943	46	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451224.2405	6367776.549	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451213.4594	6367742.018	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451201.261	6367767.124	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451203.0115	6367772.786	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
124	451174.8955	6367761.007	77	Suitable nesting tree	Eucalyptus wandoo	AJU/NAW
-	451171.7849	6367765.426	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451167.9002	6367774.941	76	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451236.7544	6367782.376	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451236.9383	6367783.042	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451238.5289	6367783.161	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451183.8264	6367791.094	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451168.2259	6367803.767	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451132.9411	6367803.149	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451131.4167	6367789.616	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451098.7022	6367799.21	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451094.5449	6367807.061	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451100.1836	6368294.88	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451138.3637	6368316.132	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451150.6522	6368291.914	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451150.8465	6368290.474	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451164.8915	6368289.656	60	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451164.2456	6368287.769	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451162.3029	6368283.103	60	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451162.8749	6368280.999	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451156.9932	6368277.866	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451148.4664	6368279.598	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451146.1241	6368280.03	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451138.5406	6368280.325	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451137.2066	6368285.085	49	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451114.3387	6368271.78	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451127.5686	6368265.415	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451144.5734	6368252.861	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451253.615	6368273.797	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451273.7377	6368274.34	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451261.7665	6368253.217	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451257.8734	6368245.438	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451262.9269	6368245.684	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451259.9232	6368228.375	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451264.5838	6368194.364	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451237.7745	6368088.137	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451231.485	6368072.807	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451223.2387	6368074.651	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451207.8601	6368080.229	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451202.2017	6368069.78	60	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451187.9309	6368059.511	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451184.2514	6368046.411	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451177.6975	6367989.839	37	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451155.4472	6368022.212	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451160.1261	6368022.457	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451161.2685	6368018.582	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451193.2167	6368240.352	55	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451214.4851	6368255.312	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451216.2291	6368262.305	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451181.1802	6368270.447	36	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451178.81	6368276.533	57	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451171.3682	6368267.073	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451209.2599	6368289.875	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451172.6301	6368314.86	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451202.8058	6368326.871	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451402.8681	6368360.006	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451374.1152	6368344.122	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451375.0757	6368339.138	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451360.5295	6368327.648	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451361.8275	6368330.204	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451360.475	6368338.734	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451357.4835	6368337.943	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451356.7418	6368336.498	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451354.8915	6368332.055	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451354.8419	6368342.143	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451349.4843	6368384.687	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451334.0734	6368358.67	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451332.1579	6368405.555	65	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451309.468	6368394.025	50	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451315.2937	6368408.576	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451312.8632	6368407.899	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451301.9878	6368392.325	78	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451293.1703	6368396.051	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451256.1986	6368414.382	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451261.2494	6368453.209	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451292.0242	6368438.727	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451287.6397	6368454.669	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451282.3454	6368465.286	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451285.5834	6368473.062	39	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451291.5198	6368465.109	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451295.0829	6368463.907	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451294.8141	6368461.467	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451289.3071	6368458.225	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451314.7054	6368452.031	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451330.6831	6368457.985	48	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451337.3177	6368460.346	58	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451326.7088	6368447.655	44	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451317.1759	6368425.547	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451353.5492	6368433.708	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451370.1523	6368426.695	32	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451387.6581	6368426.448	53	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451373.1946	6368398.107	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451382.0143	6368374.87	30	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451395.113	6368376.153	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451399.6534	6368385.599	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451408.5148	6368391.962	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451407.0007	6368452.485	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451413.5852	6368465.044	40	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451393.7245	6368449.204	33	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451389.0496	6368448.073	31	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451390.9396	6368463.492	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451397.3151	6368480.485	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451392.6299	6368481.46	35	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451324.0178	6368480.901	42	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451323.535	6368483.892	43	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451296.4019	6368557.259	58	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451312.1958	6368562.547	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451316.3972	6368564.785	41	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451359.1272	6368555.794	45	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451421.3512	6368389.475	38	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451420.6726	6368356.102	34	Potential nesting tree	Eucalyptus wandoo	AJU/NAW
-	451126.6597	6368411.526	190	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	450999.6984	6368341.832	229	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	450949.2286	6368118.417	142	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	450933.9847	6368059.031	112	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	450909.5885	6368014.343	120	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451304.6587	6368572.377	145	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451443.125	6368530.487	116	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451465.2603	6368540.684	104	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451466.7334	6368526.611	108	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451480.0825	6368591.42	128	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451471.3152	6368623.083	120	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451439.0605	6368691.105	101	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451493.5288	6368598.248	94	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451494.1884	6368597.365	100	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451497.2724	6368579.31	142	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451486.9443	6368528.374	116	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451475.3931	6368516.898	104	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451502.8389	6368532.221	104	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451512.2928	6368551.446	114	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451516.6564	6368558.784	94	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451543.203	6368585.743	115	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451548.7448	6368581.89	107	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451557.9926	6368566.747	122	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451569.3796	6368573.565	106	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451573.9424	6368578.466	102	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451593.9824	6368576.901	142	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451589.1185	6368595.28	119	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451583.8699	6368596.585	146	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451563.2294	6368586.949	110	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451561.6408	6368586.387	94	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451560.7365	6368599.021	112	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451526.3729	6368543.533	94	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451528.5389	6368540.883	108	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451523.3494	6368511.036	97	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451552.0198	6368524.812	96	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451553.222	6368527.811	100	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451563.0813	6368540.72	128	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451588.4264	6368277.548	42	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451595.3618	6368275.808	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451606.597	6368275.308	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451601.0648	6368258.098	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451589.4308	6368263.584	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451592.2251	6368247.301	45	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451594.6881	6368241.327	46	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451618.6062	6368250.534	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451641.4348	6368233.684	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451625.2744	6368226.842	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451619.2822	6368227.146	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451606.7928	6368235.288	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451609.4806	6368202.487	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451614.4958	6368191.425	57	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451651.9888	6368219.324	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451666.0797	6368209.082	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451663.3863	6368204.746	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451667.2441	6368200.663	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451647.3575	6368190.144	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451642.5659	6368193.779	41	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451640.3275	6368192.106	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451619.5315	6368176.151	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451631.9867	6368174.992	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451692.5728	6368170.188	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451684.5484	6368164.939	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451671.1626	6368164.984	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451658.7318	6368161.154	55	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451645.9315	6368156.325	62	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451630.1846	6368160.682	42	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451629.8909	6368144.162	46	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451650.3034	6368142.821	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451659.7486	6368144.641	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451736.8935	6368141.692	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451743.1741	6368139.838	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451723.9558	6368126.662	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451710.3542	6368132.582	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451631.1014	6368126.32	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451647.955	6368087.046	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451662.6992	6368096.32	54	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451765.4617	6368118.661	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451757.2452	6368114.408	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451766.0855	6368105.915	50	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451733.5173	6368104.647	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451708.941	6368076.923	50	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451671.9616	6368078.073	49	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451679.1328	6368066.356	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451706.3509	6368070.591	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451724.078	6368063.25	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451726.8076	6368060.159	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451763.3898	6368082.843	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451793.2273	6368087.422	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451798.2738	6368089.11	59	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451804.6695	6368082.822	43	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451793.9711	6368069.245	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451781.9067	6368067.08	45	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451790.2053	6368054.482	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451773.8671	6368045.755	45	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451768.4934	6368053.6	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451755.3465	6368062.294	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451750.3639	6368047.525	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451741.9289	6368049.701	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451732.388	6368048.324	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451676.4817	6368053.373	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451682.7087	6368043.315	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451710.9212	6368035.581	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451747.7928	6368037.313	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451750.8183	6368031.12	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451866.9606	6368131.461	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451927.3481	6368090.403	46	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451956.7494	6368088.44	43	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451928.2198	6368045.841	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451914.0802	6368027.702	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451921.961	6368023.971	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451934.3051	6368026.359	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451948.5589	6368040.286	63	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451986.0378	6368071.177	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451997.5094	6368060.479	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451998.6417	6368039.31	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451971.4037	6368019.888	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451954.9395	6368017.812	42	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451932.8517	6368017.261	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451909.7806	6368007.172	42	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451898.8146	6368010.112	41	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451887.9078	6368020.147	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451868.3038	6368009.298	51	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451908.3379	6367995.857	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451924.9011	6367996.824	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451986.2804	6368001.889	46	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451994.4576	6368014.235	61	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452006.2062	6368004.314	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452016.8472	6367991.173	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452005.4316	6367990.342	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451997.9731	6367984.208	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451977.6847	6367979.343	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452021.0506	6367973.677	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452014.8373	6367942.384	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452031.2551	6367934.704	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452016.2074	6367930.085	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452002.3873	6367826.806	53	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452002.1721	6367813.28	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451730.1095	6367997.317	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451717.2634	6368021.089	48	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451716.4129	6368022.748	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451728.2445	6367976.688	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451729.7594	6367973.147	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451746.0595	6367951.276	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451750.2261	6367960.609	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451762.0037	6367963.992	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451774.0148	6367938.664	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451725.1448	6367921.353	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451728.4165	6367922.255	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451811.1424	6367945.385	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451814.8616	6367950.503	46	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451812.4617	6367905.149	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451841.2814	6367907.174	54	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451849.3918	6367913.976	52	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451851.7639	6367926.626	52	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451874.5631	6367934.83	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451876.2532	6367895.26	49	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451859.4907	6367896.842	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451834.8687	6367878.541	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451832.3657	6367873.54	55	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451791.6577	6367871.678	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451770.9638	6367834.882	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451765.898	6367818.007	50	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451874.8174	6367728.628	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452001.6234	6367810.617	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451999.6826	6367824.798	53	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451997.8568	6367834.545	29	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452006.3958	6367675.833	42	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451724.9435	6367847.518	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451725.7296	6367859.051	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451707.5993	6367872.377	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451491.5949	6367255.484	45	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451484.0981	6367257.332	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451478.8682	6367254.978	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451461.6594	6367252.344	47	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451437.6959	6367252.891	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451400.9266	6367326.212	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451382.7599	6367328.007	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451385.6095	6367338.553	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451364.8302	6367357.741	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451353.0568	6367353.692	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451352.8414	6367340.388	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452239.3033	6367398.365	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452268.0147	6367403.16	53	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452349.6834	6367528.494	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452362.4268	6367564.475	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452362.2734	6367576.891	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452361.0812	6367571.785	45	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452438.9966	6368030.572	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452240.1741	6368167.969	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452128.9526	6368307.228	44	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452139.701	6368310.606	62	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452143.2167	6368319.159	59	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452145.1081	6368315.177	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451976.5534	6368385.977	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451829.3232	6368498.451	47	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451808.0849	6368496.241	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451805.8562	6368492.572	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451749.4636	6368596.839	43	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451737.3174	6368592.124	62	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452132.9009	6368284.41	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	452135.8026	6368284.424	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451334.1128	6367855.913	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451344.2894	6367880.242	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451349.493	6367754.772	46	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451328.7802	6367722.188	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451309.0824	6367730.627	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451297.7313	6367773.807	59	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451302.1605	6367767.732	64	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451306.8145	6367792.033	41	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451325.4974	6367837.689	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451366.5927	6367913.056	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451389.0085	6367999.194	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451499.9368	6368035.769	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451501.1708	6367994.091	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451490.775	6367976.191	32	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451488.2248	6367961.767	42	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451480.9326	6367959.957	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451489.6571	6367956.009	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451497.9125	6367952.28	39	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451499.4575	6367961.711	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451481.8267	6367949.43	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451501.6499	6367934.561	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451569.3645	6367677.915	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451581.4119	6367664.338	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451579.4498	6367644.484	40	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451563.5973	6367632.323	47	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451497.3915	6367638.539	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451467.6218	6367620.434	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451472.1128	6367601.72	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451467.0678	6367599.811	33	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451459.4233	6367593.565	34	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451404.7579	6367594.183	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451401.5886	6367610.575	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451232.7849	6367486.356	36	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451217.8783	6367472.314	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451225.7902	6367462.264	48	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451227.1481	6367452.626	31	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451251.0048	6367454.85	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451230.0933	6367443.771	30	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451251.1876	6367398.755	43	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451374.3969	6367448.916	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451367.0359	6367461.186	41	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451364.7503	6367469.157	62	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451367.8002	6367419.949	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451388.7293	6367408.411	35	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451381.3407	6367407.267	37	Potential nesting tree	Eucalyptus wandoo	MS/SCM
-	451382.2652	6367409.599	38	Potential nesting tree	Eucalyptus wandoo	MS/SCM
2167	451445.9926	6367487.734	56	Potential nesting tree	Eucalyptus wandoo	
-	451448.0812	6367547.84	54	Potential nesting tree	Eucalyptus wandoo	
-	451914.7758	6367692.017	60	Potential nesting tree	Stag	AJU/NAW
-	451932.9318	6367692.548	82	Suitable nesting tree	Stag	AJU/NAW
-	451957.4351	6367600.32	75	Potential nesting tree	Stag	AJU/NAW
-	451926.3838	6367537.643	97	Potential nesting tree	Stag	AJU/NAW
-	451916.1749	6367519.745	90	Potential nesting tree	Stag	AJU/NAW
-	451583.5026	6367390.188	72	Potential nesting tree	Stag	AJU/NAW
313	451617.6559	6367430.487	73	Suitable nesting tree	Stag	AJU/NAW
314	451672.7655	6367453.705	68	Suitable nesting tree	Stag	AJU/NAW
315	451830.1742	6367746.925	86	Suitable nesting tree	Stag	AJU/NAW
-	451803.9057	6367586.38	78	Potential nesting tree	Stag	AJU/NAW
-	451713.4495	6367460.111	55	Potential nesting tree	Stag	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
316	451680.521	6367456.403	63	Suitable nesting tree	Stag	AJU/NAW
317	451786.4998	6367585.63	75	Suitable nesting tree	Stag	AJU/NAW
328	452586.2447	6367774.746	108	Suitable nesting tree	Stag	AJU/NAW
329	452564.4441	6367772.978	70	Suitable nesting tree	Stag	AJU/NAW
-	452599.2254	6367800.528	70	Potential nesting tree	Stag	AJU/NAW
320	452590.8104	6367798.603	90	Suitable nesting tree	Stag	AJU/NAW
321	452639.9139	6367845.511	84	Suitable nesting tree	Stag	AJU/NAW
-	452632.3086	6367869.974	76	Potential nesting tree	Stag	AJU/NAW
-	452698.0796	6367896.12	68	Potential nesting tree	Stag	AJU/NAW
323	452699.5464	6367902.557	76	Suitable nesting tree	Stag	AJU/NAW
324	452672.6903	6367920.499	114	Suitable nesting tree	Stag	AJU/NAW
325	452731.3062	6367955.368	132	Suitable nesting tree	Stag	AJU/NAW
-	452694.736	6368066.83	75	Potential nesting tree	Stag	AJU/NAW
326	452524.6826	6368022.558	95	Suitable nesting tree	Stag	AJU/NAW
-	452353.1191	6368039.471	90	Potential nesting tree	Stag	AJU/NAW
-	452357.0231	6368045.144	65	Potential nesting tree	Stag	AJU/NAW
-	452238.1205	6368244.343	58	Potential nesting tree	Stag	AJU/NAW
400	452231.307	6368298.41	79	Suitable nesting tree	Stag	AJU/NAW
-	452080.2009	6368303.666	54	Potential nesting tree	Stag	AJU/NAW
-	451997.9496	6368297.724	90	Potential nesting tree	Stag	AJU/NAW
327	451982.8427	6368324.479	76	Suitable nesting tree	Stag	AJU/NAW
-	451619.6244	6368559.177	55	Potential nesting tree	Stag	AJU/NAW
330	452484.4088	6367676.81	89	Suitable nesting tree	Stag	AJU/NAW
-	452467.3906	6367653.78	64	Potential nesting tree	Stag	AJU/NAW
332	452383.7192	6367593.956	60	Suitable nesting tree	Stag	AJU/NAW
334	452287.6699	6367558.461	76	Suitable nesting tree	Stag	AJU/NAW
-	452108.504	6367310.595	70	Potential nesting tree	Stag	AJU/NAW
-	452125.508	6367607.01	55	Potential nesting tree	Stag	AJU/NAW
-	451935.6553	6367767.726	52	Potential nesting tree	Stag	AJU/NAW
337	451990.7439	6367757.24	95	Suitable nesting tree	Stag	AJU/NAW
339	452146.5507	6367784.712	92	Suitable nesting tree	Stag	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	452147.8803	6367703.346	66	Potential nesting tree	Stag	AJU/NAW
340	452160.3504	6367698.972	70	Suitable nesting tree	Stag	AJU/NAW
341	452104.4411	6367666.441	83	Suitable nesting tree	Stag	AJU/NAW
342	451884.666	6367801.402	56	Suitable nesting tree	Stag	AJU/NAW
-	451925.113	6367779.869	58	Potential nesting tree	Stag	AJU/NAW
-	451958.9228	6367775.821	62	Potential nesting tree	Stag	AJU/NAW
343	451922.4381	6367887.281	50	Suitable nesting tree	Stag	AJU/NAW
344	451992.4894	6367860.46	62	Suitable nesting tree	Stag	AJU/NAW
345	452170.6789	6367905.225	50	Suitable nesting tree	Stag	AJU/NAW
346	452164.999	6367918.39	57	Suitable nesting tree	Stag	AJU/NAW
-	452150.2156	6367955.9	80	Potential nesting tree	Stag	AJU/NAW
348	452150.6812	6367975.747	60	Suitable nesting tree	Stag	AJU/NAW
349	452125.0849	6367965.202	55	Suitable nesting tree	Stag	AJU/NAW
-	452089.5402	6368018.132	58	Potential nesting tree	Stag	AJU/NAW
-	452087.295	6368037.19	63	Potential nesting tree	Stag	AJU/NAW
-	452034.2853	6368062.653	63	Potential nesting tree	Stag	AJU/NAW
-	452020.082	6368076.885	79	Potential nesting tree	Stag	AJU/NAW
350	451975.0029	6368088.307	64	Suitable nesting tree	Stag	AJU/NAW
351	451924.3955	6368139.39	67	Suitable nesting tree	Stag	AJU/NAW
352	451897.1344	6368143.913	70	Suitable nesting tree	Stag	AJU/NAW
-	451818.7564	6368188.652	69	Potential nesting tree	Stag	AJU/NAW
-	451784.2602	6368198.795	70	Potential nesting tree	Stag	AJU/NAW
-	451782.7442	6368202.556	52	Potential nesting tree	Stag	AJU/NAW
-	451748.4661	6368263.917	63	Potential nesting tree	Stag	AJU/NAW
353	451541.8254	6368389.179	78	Suitable nesting tree	Stag	AJU/NAW
-	451616.1363	6368296.197	72	Potential nesting tree	Stag	AJU/NAW
354	451713.2742	6368205.543	106	Suitable nesting tree	Stag	AJU/NAW
355	451723.1134	6368203.374	64	Suitable nesting tree	Stag	AJU/NAW
-	451753.4927	6368173.701	60	Potential nesting tree	Stag	AJU/NAW
-	451744.3699	6368163.346	70	Potential nesting tree	Stag	AJU/NAW
-	451772.841	6368179.449	65	Potential nesting tree	Stag	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451803.3837	6368116.185	66	Potential nesting tree	Stag	AJU/NAW
-	451810.8251	6368145.045	51	Potential nesting tree	Stag	AJU/NAW
-	451839.2602	6368130.107	113	Potential nesting tree	Stag	AJU/NAW
-	451902.2639	6367897.493	57	Potential nesting tree	Stag	AJU/NAW
356	451897.1631	6367964.761	90	Suitable nesting tree	Stag	AJU/NAW
357	451912.3646	6367976.254	70	Suitable nesting tree	Stag	AJU/NAW
-	451824.1689	6368019.061	72	Potential nesting tree	Stag	AJU/NAW
358	451846.9823	6368024.382	70	Suitable nesting tree	Stag	AJU/NAW
-	451893.9938	6368096.782	118	Potential nesting tree	Stag	AJU/NAW
101	451564.9119	6367440.317	70	Suitable nesting tree	Stag	AJU/NAW
-	451552.5239	6367427.951	70	Potential nesting tree	Stag	AJU/NAW
-	451551.6507	6367396.018	75	Potential nesting tree	Stag	AJU/NAW
102	451539.6062	6367389.973	51	Suitable nesting tree	Stag	AJU/NAW
-	451545.9226	6367361.623	51	Potential nesting tree	Stag	AJU/NAW
103	451480.8522	6367442.011	91	Suitable nesting tree	Stag	AJU/NAW
-	451491.0005	6367472.105	70	Potential nesting tree	Stag	AJU/NAW
-	451526.4453	6367478.043	65	Potential nesting tree	Stag	AJU/NAW
106	451532.4281	6367441.377	86	Suitable nesting tree	Stag	AJU/NAW
-	451485.3289	6367388.044	52	Potential nesting tree	Stag	AJU/NAW
-	451246.1679	6367524.669	68	Potential nesting tree	Stag	AJU/NAW
111	451102.6366	6367722.846	107	Suitable nesting tree	Stag	AJU/NAW
-	451125.9377	6367742.916	75	Potential nesting tree	Stag	AJU/NAW
112	451235.8475	6367662.53	84	Suitable nesting tree	Stag	AJU/NAW
114	451289.0298	6367564.014	90	Suitable nesting tree	Stag	AJU/NAW
-	451379.2496	6367547.053	67	Potential nesting tree	Stag	AJU/NAW
115	451502.1789	6367502.092	150	Suitable nesting tree	Stag	AJU/NAW
116	451559.9391	6367557.473	96	Suitable nesting tree	Stag	AJU/NAW
-	451780.6139	6367852.224	55	Potential nesting tree	Stag	AJU/NAW
300	451712.9318	6367911.315	74	Suitable nesting tree	Stag	AJU/NAW
298	451671.4224	6367901.024	74	Suitable nesting tree	Stag	AJU/NAW
297	451601.7559	6367963.764	72	Suitable nesting tree	Stag	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451612.1354	6368004.168	85	Potential nesting tree	Stag	AJU/NAW
296	451583.0928	6368181.515	68	Suitable nesting tree	Stag	AJU/NAW
295	451547.8489	6368306.062	60	Suitable nesting tree	Stag	AJU/NAW
294	451522.4275	6368106.941	85	Suitable nesting tree	Stag	AJU/NAW
292	451542.2992	6368024.89	91	Suitable nesting tree	Stag	AJU/NAW
289	451685.0277	6367702.649	100	Suitable nesting tree	Stag	AJU/NAW
287	451667.8374	6367619.418	98	Suitable nesting tree	Stag	AJU/NAW
286	451718.0519	6367591.061	67	Suitable nesting tree	Stag	AJU/NAW
285	451721.6692	6367597.842	68	Suitable nesting tree	Stag	AJU/NAW
-	451706.3485	6367553.422	100	Potential nesting tree	Stag	AJU/NAW
283	451349.9311	6368598.43	56	Suitable nesting tree	Stag	AJU/NAW
-	451342.149	6368620.01	60	Potential nesting tree	Stag	AJU/NAW
-	451408.8185	6368768.559	66	Potential nesting tree	Stag	AJU/NAW
281	451497.8929	6368662.791	55	Suitable nesting tree	Stag	AJU/NAW
-	451547.121	6368722.343	52	Potential nesting tree	Stag	AJU/NAW
280	451592.2472	6368625.45	51	Suitable nesting tree	Stag	AJU/NAW
279	451593.6381	6368647.296	69	Suitable nesting tree	Stag	AJU/NAW
278	451659.8919	6368594.296	60	Suitable nesting tree	Stag	AJU/NAW
277	451592.7349	6368564.035	120	Suitable nesting tree	Stag	AJU/NAW
-	451692.9559	6368513.528	63	Potential nesting tree	Stag	AJU/NAW
-	451729.1414	6368502.73	56	Potential nesting tree	Stag	AJU/NAW
276	451795.8155	6368439.974	75	Suitable nesting tree	Stag	AJU/NAW
-	451772.0207	6368424.56	77	Potential nesting tree	Stag	AJU/NAW
-	451603.356	6368536.039	50	Potential nesting tree	Stag	AJU/NAW
-	451579.0408	6368512.195	52	Potential nesting tree	Stag	AJU/NAW
-	451585.747	6368499.923	51	Potential nesting tree	Stag	AJU/NAW
274	451598.0794	6368485.682	65	Suitable nesting tree	Stag	AJU/NAW
-	451607.856	6368496.372	70	Potential nesting tree	Stag	AJU/NAW
-	451621.9074	6368475.156	62	Potential nesting tree	Stag	AJU/NAW
-	451628.9829	6368483.061	61	Potential nesting tree	Stag	AJU/NAW
272	451658.9654	6368400.727	70	Suitable nesting tree	Stag	AJU/NAW

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
271	451642.4578	6368407.409	88	Suitable nesting tree	Stag	AJU/NAW
270	451479.7088	6368324.02	97	Suitable nesting tree	Stag	AJU/NAW
-	451554.3684	6368465.735	100	Potential nesting tree	Stag	AJU/NAW
-	451548.4736	6368484.33	108	Potential nesting tree	Stag	AJU/NAW
-	451496.609	6368504.586	57	Potential nesting tree	Stag	AJU/NAW
-	451484.8803	6368491.114	79	Potential nesting tree	Stag	AJU/NAW
268	451464.6701	6368489.241	58	Suitable nesting tree	Stag	AJU/NAW
-	451440.7761	6368475.044	52	Potential nesting tree	Stag	AJU/NAW
-	451424.5262	6368429.179	100	Potential nesting tree	Stag	AJU/NAW
-	451408.5067	6368355.488	59	Potential nesting tree	Stag	AJU/NAW
117	451476.2822	6368144.74	54	Suitable nesting tree	Stag	AJU/NAW
-	451471.5617	6368133.853	52	Potential nesting tree	Stag	AJU/NAW
118	451469.96	6367773.434	54	Suitable nesting tree	Stag	AJU/NAW
-	451454.6075	6367716.598	70	Potential nesting tree	Stag	AJU/NAW
-	451436.2948	6367671.72	72	Potential nesting tree	Stag	AJU/NAW
-	451458.7012	6367645.334	60	Potential nesting tree	Stag	AJU/NAW
-	451555.8038	6367694.7	90	Potential nesting tree	Stag	AJU/NAW
121	451675.4325	6367482.542	64	Suitable nesting tree	Stag	AJU/NAW
122	451683.3248	6367514.73	70	Suitable nesting tree	Stag	AJU/NAW
123	451702.6723	6367520.368	60	Suitable nesting tree	Stag	AJU/NAW
-	451167.4517	6368017.504	52	Potential nesting tree	Stag	AJU/NAW
-	451385.6922	6368350.276	76	Potential nesting tree	Stag	AJU/NAW
-	451282.9436	6368419.836	52	Potential nesting tree	Stag	AJU/NAW
-	451302.6199	6368454.078	54	Potential nesting tree	Stag	AJU/NAW
-	451314.4808	6368440.611	50	Potential nesting tree	Stag	AJU/NAW
-	451334.2198	6368424.079	54	Potential nesting tree	Stag	AJU/NAW
-	451361.6242	6368542.946	50	Potential nesting tree	Stag	AJU/NAW
-	451009.4546	6367770.499	180	Potential nesting tree	Stag	MS/SCM
-	451056.5499	6367767.739	189	Potential nesting tree	Stag	MS/SCM
-	451562.9527	6368528.746	184	Potential nesting tree	Stag	MS/SCM
-	451637.5117	6368212.823	53	Potential nesting tree	Stag	MS/SCM

Tag No.	Easting	Northing	DBH (cm)	Species	Category	Recorder
-	451667.4936	6368187.915	58	Potential nesting tree	Stag	MS/SCM
-	451714.365	6368154.663	81	Potential nesting tree	Stag	MS/SCM
-	451816.5222	6368070.796	73	Potential nesting tree	Stag	MS/SCM
-	451647.9955	6368021.305	80	Potential nesting tree	Stag	MS/SCM
-	451848.4017	6368155.871	77	Potential nesting tree	Stag	MS/SCM
-	451919.3703	6368017.75	84	Potential nesting tree	Stag	MS/SCM
-	452003.3611	6368050.53	51	Potential nesting tree	Stag	MS/SCM
-	451691.2975	6367971.297	53	Potential nesting tree	Stag	MS/SCM
-	451693.5337	6367935.056	85	Potential nesting tree	Stag	MS/SCM
-	451796.71	6367872.146	94	Potential nesting tree	Stag	MS/SCM
-	451792.3301	6367848.955	55	Potential nesting tree	Stag	MS/SCM
-	451913.3337	6367391.797	101	Potential nesting tree	Stag	MS/SCM
-	451987.7897	6367363.113	86	Potential nesting tree	Stag	MS/SCM
-	451993.755	6367368.241	69	Potential nesting tree	Stag	MS/SCM
-	451871.2834	6367473.851	74	Potential nesting tree	Stag	MS/SCM
-	451395.349	6367318.424	79	Potential nesting tree	Stag	MS/SCM
-	451822.6497	6368504.072	53	Potential nesting tree	Stag	MS/SCM
-	451789.5142	6368503.689	64	Potential nesting tree	Stag	MS/SCM
-	451767.9577	6368585.954	126	Potential nesting tree	Stag	MS/SCM
-	451589.2589	6367667.481	56	Potential nesting tree	Stag	MS/SCM
-	451230.179	6367483.349	66	Potential nesting tree	Stag	MS/SCM
-	451251.7905	6367485.341	52	Potential nesting tree	Stag	MS/SCM
126	451412.4619	6368401.744	57	Suitable nesting tree	Stag	MS/SCM