

Vegetation Management Plan

Lot 1 RP78883

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

22 JAN 2016

MEDQ

Prepared for: Lend Lease
Prepared by: M. Brett, K. Richardt
Date: 30 Nov 2015
Job #: NCO11-0011_Yarrabilba
Version: 1



Document control sheet

Yarrabilba – Lot 1 RP78883 VMP

Title:	Vegetation Management Plan
Authors:	M. Brett, K. Richardt
Mapping:	M. Runkowski
File reference:	NCO11-0011 Yarrabilba
Project leader:	K. Richardt
Phone:	+(61) 7 557 65568, +(61) 4 1541 3408
Email:	kieran@natura-consulting.com
Client:	Lend Lease
Client contact:	Rob Ball
Contact:	Rob.ball@lendlease.com

Revision History

Version:	Purpose:	Reviewer:	Date:	Issued by:	Date
1	Self Certification	Kieran Richardt	30/11/15	Kieran Richardt	30/11/15

Contents

1 Background: Desktop	5
1.1 Survey Methods	5
1.2 Regional Ecosystem Mapping	5
1.3 Fauna Desktop Assessment	6
1.4 Koala Conservation State Planning Regulatory Provisions (SPRP)	7
1.5 EPBC Protected Matters	7
2 Background: Field Assessment	9
2.1 Vegetation	9
2.2 Individual and Significant Trees	11
2.3 Habitat Values	43
2.4 Weed Species	43
2.5 Significant Fauna	44
3 Vegetation and fauna management	46
3.1 General vegetation protection	46
3.2 Significant Sized Trees	47
3.3 Tree Protection Zone (TPZ)/Safety Fencing	47
3.4 Protection of Significant Flora	48
3.5 Fauna Management	48
3.6 Mulching of Felled Trees	49
3.7 Sediment Fencing	49
4 Certification	50
5 Bibliography	51
6 Appendices	55

List of Figures

Figure 1: Vegetation Types and Significant Tree Locations	52
Figure 2: VMP Area within Lot 1 RP78883	53
Figure 3: Vegetation Protection Fencing Detail	54

List of Tables

Table 1 Regional Ecosystems classification summary	6
Table 2 Protected Matters search results summary	7
Table 3 Vegetation Types	9
Table 4 Native species identified on site	11
Table 5 Native Trees Identified the Survey Area	12
Table 6 Common Weeds Identified Within the Survey Area	43
Table 7 Fauna Species Identified the Survey Area	45

DISCLAIMER

This report and any files associated with it contain information which is confidential and may also be legally privileged. It is for the exclusive use of the client and its use is entirely limited to the specific purpose of the proposed development as was agreed to under the signing of the contract between the provider (us) and the recipient (you).

All the information contained within this report is provided in good faith in the belief that no information or recommendations made are misleading.

All comments and opinions provided in this report have been based upon a limited survey of the study site and/or on information supplied by the client, their agents and/or third parties.

All the assessments of site biology, ecology and the extent and nature of impacts of and to this study site is limited to the terms of reference stated within this report; and by the limited timeframe of study. Therefore the results presented herein cannot be considered absolute or conclusive without additional long-term follow-up studies.

Natura Consulting, its agents and employees, expressly disclaim any and all liability for representations, expressed or implied, contained in, or omissions from, this report or any of the written or oral communications transmitted to the client or any third party.

Acceptance of this document denotes acceptance of the above terms.

1 Background: Desktop

1.1 Survey Methods

Natura Consulting ecologists carried out a number of flora and fauna surveys between 17 November and 30 November 2015. The surveys were located within Lot 1 RP78883 of the Yarrabilba site. A number of steps were undertaken during this assessment, including:

1. Identifying species, characteristics and mapping trees to be removed and those in close proximity to earthworks that may be retained
2. Recording incidental fauna sightings and observations
3. Providing input into potential design, location of earthworks and suggested improvements to conserve ecological values
4. Providing recommendations and mitigation measures to minimise impacts of development on flora and fauna

The assessment was undertaken within Lot 1 RP78883 and the following information was captured:

- GPS locations of native trees within the survey area
- The significance of the vegetation was determined, with regards to presence of habitat, hollows, mature trees etc
- Dominant species were identified in each of the upper, mid and lower stratum (where present)
- Average height, Diameter at Breast Height (DBH) and Tree spread for each stratum was ascertained

During the survey, locations of trees were recorded using a GPS. Information was captured including species, height, spread, health, and habitat values (hollows, scratching, arboreal termite nests, scats, bird nests etc).

1.2 Regional Ecosystem Mapping

The Regional Ecosystems (RE) classification scheme is part of the framework developed in Queensland to assist planning for biodiversity by amalgamating vegetation communities into a higher classification level of broad vegetation groups by incorporating a combination of geology, landform and soil types (EHP 2012).

Preliminary desktop investigations reveal that there are no classified areas of RE located within the subject site. There are areas of small isolated patches of RE located close to the site, both within the Yarrabilba development footprint and areas to the west of the site on the western side of Waterford Tamborine Road. A brief description of the nearby RE is presented in Table 1.

Table 1 Regional Ecosystems classification summary

Regional Ecosystem I.D. number	VMA Class	Biodiversity Status	Brief Description
12.11.5	Least Concern	No concern at present	Open forest complex with <i>Corymbia citriodora</i> , <i>Eucalyptus siderophloia</i> , <i>E. major</i> on metamorphics +/- interbedded volcanics
12.3.11	Of concern	Of concern	<i>Eucalyptus tereticornis</i> +/- <i>Eucalyptus siderophloia</i> , <i>Corymbia intermedia</i> open forest on alluvial plains usually near coast
12.3.7	Least concern	No concern at present	<i>Eucalyptus tereticornis</i> , <i>Casuarina cunninghamiana</i> subsp. <i>cunninghamiana</i> +/- <i>Melaleuca</i> spp. fringing woodland.
12.9-10.4	Least concern	No concern at present	<i>Eucalyptus racemosa</i> subsp. <i>racemosa</i> woodland on sedimentary rocks
12.9-10.12	Endangered	Endangered	<i>Eucalyptus seeana</i> , <i>Corymbia intermedia</i> , <i>Angophora leiocarpa</i> woodland on sedimentary rocks
12.9-10.2	Least concern	No concern at present	<i>Corymbia citriodora</i> subsp. <i>variegata</i> +/- <i>Eucalyptus crebra</i> open forest on sedimentary rocks

Some sections of the vegetation within Lot 1 RP78883 contains extant canopy trees that are of a height and cover to be considered Regional Ecosystem (RE) vegetation however, these do not meet the minimum mapping requirements to be identified as such.

1.3 Fauna Desktop Assessment

The Queensland Governments wildlife database (Wildlife Online) contains recorded wildlife sighting and listings of flora and fauna in Queensland, and can serve as an indication of what flora and fauna is expected to occur within a defined area. The Wildlife Online search also indicates the Queensland and Australian Conservation status of each taxon under the Qld *Nature Conservation Act 1999* (NC Act) and the Commonwealth *Environment Protection and Biodiversity Act 1999* (EPBC Act) respectively.

A Wildlife Online search of a 2 km radius of the study site for all species, type, status, records and dates was conducted. The full Wildlife Online report is included in Appendix A. An assessment for fauna was carried out during the field assessment for the vegetation survey. Specifically this included:

- Observations for evidence of fauna via scats
- Observations for native bee hives at the base of suitable habitat trees
- Searches for and recordings of arboreal fauna activity, during tree canopy measurements, including:
 - Stick and mud nests
 - Termitariums
 - Rooting sites
 - Scratch marks

- Chewings of seed casings from *Allocasuarina* (indicative of glossy black cockatoo)

1.4 Koala Conservation State Planning Regulatory Provisions (SPRP)

The SPRP koala habitat values maps show koala habitat within assessable development areas defined under the SPRP.

Mapping indicates that the site is listed as outside SPRP Koala Assessable Development Area; however the area within the study site is listed as vegetation of High Value Rehabilitation potential for Koala Habitat.

Consideration to conserving koala habitat and food trees must be given in the design of building footprints and layouts. Consideration should be given to protecting retained vegetation within covenants or through other legally binding measures. Covenants to prevent land owners from owning pets, such as dogs, should also be considered.

1.5 EPBC Protected Matters

The EPBC Protected Matters search helps to determine whether matters of national environmental significance or other matters protected by the *EPBC Act* are likely to occur in the study area (DSEWPC, 2011).

A Protected Matters search of a 2 km radius of the site indicated that several 'protected matters' had been triggered including Matters of National Environmental Significance, Other Protected Matters by the EPBC Act and Invasive Species.

Table 2 Protected Matters search results summary

Matters of National Environmental Significance			
Listed Threatened Communities	Ecological	3	• Lowland Rainforest of Subtropical Australia -Critically Endangered Community (May occur) • Swamp Tea-tree (<i>Melaleuca irbyana</i>) Forest of South-east Queensland - Critically Endangered Community (May occur) • White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland - Critically Endangered Community may occur)
Listed Threatened Species		34	• 9 bird species • 7 mammal species • 1 fish species • 3 reptile species • 14 plant species
Listed Migratory Species		12	• 1 migratory marine bird • 7 migratory terrestrial species • 4 migratory wetland species
Other Matters Protected by the EPBC			
Listed Marine Species		15	• 15 bird species
Extra Information			
Invasive Species		27	• 8 bird species • 2 frog species • 1 reptile species • 10 mammal species • 16 plant species

****Note** that the Protected Matters Report only provides general guidance in the selected area, and may not be applicable to the study area. Preliminary evaluation of this report indicates that many of the above mentioned constraints are not applicable to the site.

A flora and fauna assessment was undertaken to determine presence or absence of protected flora or fauna species and to provide recommendations for their protection.

2 Background: Field Assessment

2.1 Vegetation

Site investigations were undertaken within the subject site to identify significant trees and assess height, spread, diameter, health and habitat indicators. The site has three distinct vegetation community types (VT) as identified in Table 3.

Table 3 Vegetation Types

Vegetation Type	Description
VT1	<i>Mixed Closed Sclerophyll Forest</i>
VT2	<i>Mixed Acacia and Allocasuarina Regrowth</i>
VT3	<i>Landscaped Gardens</i>

All individual native and significant size trees have been identified and mapped. Figure 1 depicts individual significant trees that contained evidence of fauna use, such as presence of arboreal termite nests, scats, scratching etc, while Table 5 provides details of findings relating to individual trees.

The subject site currently contains one residential dwelling, located in the central-western portion of the site. The site abuts Precinct 1 of the Yarrabilba development to the north and east, which has recently been cleared of vegetation as part of the Yarrabilba development Precinct 1 works. The southern portion of the site intersects an area dedicated as an Energex easement, which is subject to regular lopping and clearing.

To the north of the site and between VT2 and VT3 in the south, VT1 is represented by a community of mature mixed closed sclerophyll forest. This vegetation community offers high potential for natural regeneration and holds good ecological value as it contains good structural layering and multiple cohorts. Dominant species in the canopy layer include *Eucalyptus propinqua* and *Eucalyptus tereticornis* although various other sclerophyllous Myrtaceae species are also represented. Canopy is 22 m high on average and has an average diameter at breast height (DBH) of 50 to 60 cm. Understorey vegetation is dominated by regenerating Eucalypt cohorts as well as *Alphitonia excelsa* and *Allocasuarina littoralis*. The groundlayer is represented by *Gahnia aspera* and various exotic graminoid species and weedy forbs. However, in the southern section of VT1, the ground layer has very high levels of weed infestation and, in the case of climbing *Zygocactus*, weed infestation extends to individual canopy trees. The VT1 canopy and understorey is in good condition, has good ecological and floristic value, closely resembling RE 12.11.5e (*least concern*).

It must be noted that, although VT1 is not mapped by the Department of Natural Resources and Mines (DNRM) as containing Regional Ecosystem, the site assessment identified that this vegetation is analogous with the RE definition for cover or height, whereby:

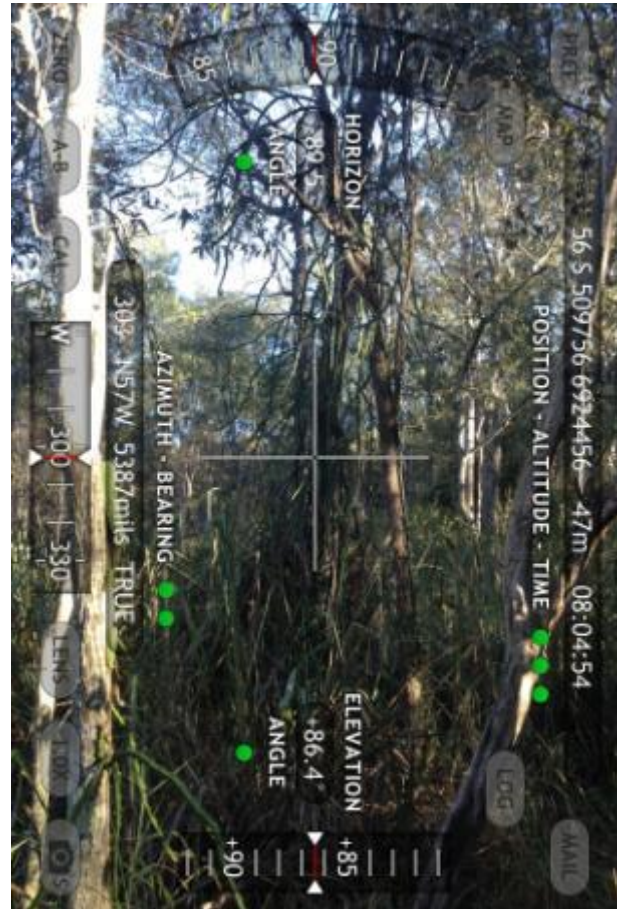
Vegetation that has at least 70% of the height and 50% of the cover of the dominant stratum, relative to the undisturbed height and cover of that stratum, and which is dominated by species characteristic of the vegetation's undisturbed canopy.

The definition includes vegetation that has not been cleared, or has been lightly thinned, or vegetation that has been cleared or heavily thinned but substantially regrown (Wilson, Neldner and Accad, 2002). In vegetation with woody or shrubby canopies, the definition does not consider

the composition or condition of the ground layer, i.e. the layer usually dominated by grasses and herbs, but is based primarily on the vegetation's canopy (Neldner 2003).

This community is likely not mapped due to the scale limitations within the RE mapping system.

At the far south of the site, throughout the area dedicated to the Energex easement, VT2 is a regenerating community supporting *Acacia* regrowth and various weed species. The community is generally between 4 to 8 m high, although any regenerating Canopy species are hindered by an ongoing maintenance regime for the purpose of maintaining the Energex easement. Distribution and abundance of weed in this area is high due to regular disturbance from lopping and comprises introduced species such as *Tradescantia fluminensis* (Wandering Jew), *Bryophyllum delagoense* (Mother of millions), *Solanum mauritianum* (Wild tobacco), *Sansevieria trifasciata* (Mother in laws Tongue), *Nephrolepis cordifolia* (Fishbone Fern), *Asparagus aethiopicus* cv. *Sprengeri* (Asparagus Fern), *Asparagus africanus* (Climbing Asparagus), *Ageratum houstonianum* (Blue Billygoat Weed), *Bidens pilosa* var. *pilosa* (Cobbler's Pegs), *Solanum chrysotrichum* (Giant Devil's Fig), *Senna pendula* var. *glabrata* (Easter Cassia), *Solanum seaforthianum* (Brazilian Nightshade), *Eugenia uniflora* (Brazilian cherry) and *Passiflora subpeltata* (White Passionflower).



Weed infestation extent in VT3

The majority of the central portion of the site consists of landscaped garden, supporting ornamentals and edible fruit species (VT3). This area is of poor ecological and floristic value is not considered further.

The following tables present lists of the dominant native and exotic flora for the site.

Table 4 Native species identified on site

Botanical Name	Common Name	Family	Canopy	Understorey	Ground Layer
<i>Acacia disparrima</i>	Hickory Wattle	Mimosaceae		x	
<i>Acacia melanoxylon</i>	Black Wattle	Mimosaceae		x	
<i>Acrotriche aggregata</i>	Tall Ground-berry	Epacridaceae			x
<i>Allocasuarina littoralis</i>	Black She Oak	Casuarinaceae		x	
<i>Alphitonia excelsa</i>	Red Ash	Rhamnaceae		x	
<i>Angophora leiocarpa</i>	Smoothbark Apple	Myrtaceae	x		
<i>Araucaria bidwillii</i>	Bunya Pine	Araucariaceae		x	
<i>Corymbia citriodora</i>	Spotted Gum	Myrtaceae	x		
<i>Corymbia intermedia</i>	Pink Bloodwood	Myrtaceae	x		
<i>Dendrobium speciosum</i> var. <i>hilli</i>	King Orchid	Orchidaceae			x
<i>Dianella caerulea</i>	Blueberry Lily	Phormiaceae			x
<i>Dianella longifolia</i>	Long-leaved Flax Lilly	Phormiaceae			x
<i>Cassytha glabella</i>	Slender dodder-laurel	Lauraceae			x
<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	Myrtaceae	x		
<i>Eucalyptus microcorys</i>	Tallowwood	Myrtaceae	x		
<i>Eucalyptus propinqua</i>	Grey Gum	Myrtaceae	x	x	
<i>Eucalyptus tereticornis</i>	Qld Blue Gum	Myrtaceae	x		
<i>Ficus obliqua</i>	Small-leaved Fig	Moraceae		x	
<i>Gahnia aspera</i>	Saw Sedge	Cyperaceae			x
<i>Grevillea robusta</i>	Silky Oak	Proteaceae		x	
<i>Hardenbergia violacea</i>	Native Sarsaparilla	Fabaceae			x
<i>Imperata cylindrica</i>	Blady Grass	Poaceae			x
<i>Leptospermum polygalifolium</i>	Wild May	Myrtaceae		x	
<i>Lomandra multiflora</i>	Many -flowered Mat Rush	Xanthorrhoeaceae			x
<i>Lophostemon suaveolens</i>	Swamp Box	Myrtaceae			
<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	Myrtaceae		x	
<i>Melaleuca viminalis</i>	Weeping Bottlebrush	Myrtaceae		x	
<i>Stenocarpus sinuatus</i>	wheel of fire	Proteaceae		x	
<i>Themeda triandra</i>	Kangaroo Grass	Poaceae			x

2.2 Individual and Significant Trees

Assessment for extant significant native trees was undertaken within the survey area. A number of semi-mature native canopy trees were identified within the earthworks footprint.

Table 5 Native Trees Identified the Survey Area

GPS Number	Lat	Long	Species	Height (m)	Spread (m)	DBH (cm)	Health	Habitat
1	-27.803109	153.099963	<i>Eucalyptus siderophloia</i>	8.4	5.5	22		
2	-27.803111	153.099976	<i>Eucalyptus tereticornis</i>	9.6	2	12		
3	-27.803112	153.099965	<i>Eucalyptus siderophloia</i>	8.4	4.5	15		
4	-27.803119	153.099943	<i>Eucalyptus seeana</i>	17.8	14	65		Hollows, scratches and stick nest present
5	-27.803019	153.099938	<i>Acacia disparrima</i>	7.2	4.2	15		
6	-27.803032	153.099943	<i>Melaleuca salicina</i>	5.9	1	10		
7	-27.803037	153.099945	<i>Acacia disparrima</i>	8.1	5.2	15		
8	-27.803035	153.099939	<i>Acacia disparrima</i>	8.4	6	15		
9	-27.803054	153.099918	<i>Corymbia trachyphloia</i>	11.6	6	25x2		
10	-27.803058	153.099808	<i>Melaleuca salicina</i>	12.2	5	15x2		
11	-27.803053	153.099806	<i>Eucalyptus seeana</i>	10.4	4	20		
12	-27.803055	153.099804	<i>Eucalyptus seeana</i>	10.4	4	18		
13	-27.803062	153.099791	<i>Eucalyptus seeana</i>	10	5	12		
14	-27.803042	153.099763	<i>Corymbia intermedia</i>	10.2	3.8	18		
15	-27.803045	153.099744	<i>Angophora leiocarpa</i>	14.8	9	30+25		
16	-27.803045	153.099735	<i>Eucalyptus tereticornis</i>	13.2	2	12		
17	-27.803059	153.099733	<i>Eucalyptus seeana</i>	12.6	7	22		
18	-27.803075	153.09973	<i>Eucalyptus seeana</i>	9.8	4.2	18		
19	-27.803057	153.099716	<i>Eucalyptus seeana</i>	10.6	5.2	20		
20	-27.803067	153.099673	<i>Alphitonia excelsa</i>	7.9	5.2	12		
21	-27.803027	153.09963	<i>Lophostemon suaveolens</i>	9.6	4.2	18		
22	-27.802974	153.09967	<i>Corymbia intermedia</i>	11.1	4.6	18		
23	-27.802967	153.099714	<i>Lophostemon suaveolens</i>	8.4	4.1	12		
24	-27.802968	153.09972	<i>Corymbia intermedia</i>	7.9	1.2	10		
25	-27.802965	153.099694	<i>Corymbia intermedia</i>	9.1	4.1	15		

26	-27.80297	153.099701	<i>Eucalyptus seeana</i>	4	3	10	Lean	
27	-27.802956	153.099683	<i>Angophora leiocarpa</i>	6.4	2	10		
28	-27.802957	153.099684	<i>Angophora leiocarpa</i>	12.3	4.1	20		
29	-27.802954	153.099685	<i>Angophora leiocarpa</i>	8.6	3.4	18		
30	-27.802952	153.099656	<i>Corymbia intermedia</i>	10.4	5.1	20		
31	-27.802971	153.099602	<i>Lophostemon suaveolens</i>	7.6	3.7	12+10		
32	-27.802959	153.099615	<i>Lophostemon suaveolens</i>	6.4	2.9	10		
33	-27.802952	153.09962	<i>Eucalyptus seeana</i>	6.9	3	12		
34	-27.802988	153.099603	<i>Angophora leiocarpa</i>	7.4	4	15		
35	-27.802993	153.099484	<i>Corymbia trachyphloia</i>	17.3	14	70		
36	-27.80305	153.09954	<i>Corymbia intermedia</i>	8.7	4.8	30+20		
37	-27.80305	153.099541	<i>Acacia disparrima</i>	7.6	4.3	15		
38	-27.803047	153.099553	<i>Allocasuarina littoralis</i>	7.4	5.6	10+12		
39	-27.803038	153.099548	<i>Acacia disparrima</i>	9.8	3.8	12		
40	-27.803026	153.099551	<i>Allocasuarina littoralis</i>	8.6	5.4	20		
41	-27.803009	153.099546	<i>Angophora leiocarpa</i>	8.5	4	15	Lean	
42	-27.803003	153.099544	<i>Lophostemon suaveolens</i>	6.4	4.2	12		
43	-27.802994	153.099537	<i>Acacia disparrima</i>	8.7	5.4	18		
44	-27.802999	153.099523	<i>Corymbia trachyphloia</i>	11.3	7	30		
45	-27.802985	153.09951	<i>Lophostemon suaveolens</i>	8.6	4.1	18x2		
46	-27.80298	153.099505	<i>Allocasuarina littoralis</i>	8.7	5.1	18		
47	-27.802982	153.099507	<i>Acacia disparrima</i>	8.4	5.4	12		
48	-27.802982	153.099482	<i>Allocasuarina littoralis</i>	6.7	4.5	12		
49	-27.802996	153.09945	<i>Allocasuarina littoralis</i>	7.7	5.4	20		
50	-27.802985	153.099408	<i>Lophostemon suaveolens</i>	6.7	3	10		
51	-27.802983	153.099395	<i>Eucalyptus seeana</i>	6.3	2	10		
52	-27.802986	153.099379	<i>Lophostemon suaveolens</i>	6.2	2.8	10		
53	-27.802985	153.099355	<i>Eucalyptus seeana</i>	9.8	5.7	22		Scratches
54	-27.802995	153.099459	<i>Eucalyptus seeana</i>	17.8	13	75	Dieback and limb-loss	Scratches and

								hollows
55	-27.802914	153.0994	<i>Allocasuarina littoralis</i>	7.6	3.2	10		Epiphyte
56	-27.8029	153.099416	<i>Corymbia trachyphloia</i>	8.6	3.3	12		
57	-27.802908	153.099406	<i>Allocasuarina littoralis</i>	6.9	2.4	10		
58	-27.802935	153.09936	<i>Allocasuarina littoralis</i>	5.9	4.9	12	Lean	
59	-27.802935	153.099351	<i>Allocasuarina littoralis</i>	7.3	4.7	10		
60	-27.802903	153.099328	<i>Lophostemon suaveolens</i>	7.7	3.8	12		
61	-27.802884	153.099303	<i>Acacia disparrima</i>	6.6	3.9	10		
62	-27.802884	153.0993	<i>Acacia disparrima</i>	6.5	5.1	10		
63	-27.802882	153.099297	<i>Corymbia intermedia</i>	6	3.2	10		
64	-27.802882	153.099295	<i>Allocasuarina littoralis</i>	7.9	5.1	12+10		
65	-27.802866	153.099269	<i>Eucalyptus seeana</i>	5.2	2.1	10		
66	-27.802873	153.099266	<i>Lophostemon suaveolens</i>	5	1	10		
67	-27.802874	153.099249	<i>Acacia disparrima</i>	8.2	4	10		
68	-27.802859	153.099226	<i>Corymbia intermedia</i>	7.7	3.8	15		
69	-27.802852	153.099216	<i>Allocasuarina littoralis</i>	7.9	3.4	10		
70	-27.802867	153.099197	<i>Allocasuarina littoralis</i>	8.1	4.2	15		
71	-27.802865	153.0992	<i>Allocasuarina littoralis</i>	7.3	2.4	10		
72	-27.802847	153.099156	<i>Lophostemon suaveolens</i>	9.6	3.8	10		
73	-27.80284	153.099131	<i>Allocasuarina littoralis</i>	7.6	4.2	15		
74	-27.802861	153.099104	<i>Allocasuarina littoralis</i>	7.6	4.2	15		
75	-27.802868	153.099076	<i>Lophostemon suaveolens</i>	5.2	2.2	10		
76	-27.802876	153.099068	<i>Angophora leiocarpa</i>	9.6	4.1	15		
77	-27.802896	153.099074	<i>Alphitonia excelsa</i>	7.8	4.9	12		
78	-27.802914	153.099072	<i>Corymbia trachyphloia</i>	13.2	9.4	35+40+15+10		
79	-27.802934	153.099095	<i>Alphitonia excelsa</i>	7.7	3.9	18		
80	-27.802935	153.099165	<i>Angophora woodsiana</i>	17.4	9	65		Hollows
81	-27.802941	153.09915	<i>Angophora woodsiana</i>	17.1	6	45		
82	-27.80294	153.099199	<i>Corymbia intermedia</i>	9.4	5.3	18+15+12		

83	-27.802939	153.099204	<i>Acacia disparrima</i>	9.4	4.6	12		
84	-27.802935	153.099215	<i>Allocasuarina littoralis</i>	4	4	20	Lightning strike	
85	-27.802937	153.099215	<i>Allocasuarina littoralis</i>	6	14	18	Fallen	
86	-27.802951	153.099217	<i>Allocasuarina littoralis</i>	8.2	5.2	12		
87	-27.802966	153.099199	<i>Allocasuarina littoralis</i>	4		20		
88	-27.803016	153.099122	<i>Angophora leiocarpa</i>	14.9	13	65	Lightning strike	Scratches and potential hollows
89	-27.802989	153.099068	<i>Corymbia trachyphloia</i>	15.2	9	35		
90	-27.802995	153.099062	<i>Acacia disparrima</i>	7	5	12		
91	-27.802993	153.09908	<i>Acacia disparrima</i>	7	5	12		
92	-27.802991	153.099139	<i>Alphitonia excelsa</i>	5	7	12		
93	-27.802994	153.099142	<i>Allocasuarina littoralis</i>	9.4	5.2	10		
94	-27.802966	153.099154	<i>Alphitonia excelsa</i>	5	3	12		
95	-27.802999	153.099201	<i>Corymbia trachyphloia</i>	11.3	8.1	25		
96	-27.803017	153.099245	<i>Allocasuarina littoralis</i>	6.4	3.5	10		
97	-27.80302	153.099257	<i>Lophostemon suaveolens</i>	10	6.2	35		
98	-27.803033	153.099279	<i>Corymbia intermedia</i>	11.4	6.2	20		
99	-27.80305	153.099321	<i>Eucalyptus seeana</i>	12.1	5.2	20		
100	-27.803072	153.099333	<i>Corymbia intermedia</i>	9.3	3.2	15		
101	-27.80307	153.099332	<i>Eucalyptus seeana</i>	9.2	3.2	15		
102	-27.803052	153.099338	<i>Corymbia intermedia</i>	9	3	18		
103	-27.80305	153.099333	<i>Eucalyptus tereticornis</i>	12	4	20		
104	-27.803025	153.099337	<i>Corymbia intermedia</i>	11.3	4.1	18		
105	-27.80303	153.099345	<i>Allocasuarina littoralis</i>	7.2	3.4	10		
106	-27.803035	153.099352	Standing dead wood	8		10		
107	-27.803021	153.09936	<i>Angophora leiocarpa</i>	10.2	4.4	15		
108	-27.802993	153.099322	<i>Eucalyptus seeana</i>	7.7	3.1	10		
109	-27.803043	153.099347	<i>Corymbia intermedia</i>	9.1	4.2	18		Hollows and termites
110	-27.803062	153.099361	<i>Eucalyptus tereticornis</i>	11	4	12		

111	-27.803079	153.099375	<i>Eucalyptus tereticornis</i>	9.4	3.2	15		
112	-27.803075	153.099406	<i>Lophostemon suaveolens</i>	6.7	3.4	15		
113	-27.803062	153.099413	<i>Lophostemon suaveolens</i>	5.3	2.8	10		
114	-27.803062	153.099403	<i>Lophostemon suaveolens</i>	9.7	3.1	12		
115	-27.803055	153.099406	<i>Angophora leiocarpa</i>	10.3	2.2	18		
116	-27.803067	153.099424	<i>Alphitonia excelsa</i>	8.3	3.6	10		
117	-27.803057	153.099424	<i>Eucalyptus tereticornis</i>	8.3	2.1	10		
118	-27.803029	153.099454	Standing dead wood	5.3	40	10		
119	-27.80311	153.099521	<i>Alphitonia excelsa</i>	5.9	4.2	15		
120	-27.803111	153.099602	<i>Alphitonia excelsa</i>	6.6	4.9	12		
121	-27.80311	153.09961	<i>Acacia disparrima</i>	7.3	4.4	15		
122	-27.803112	153.099628	<i>Eucalyptus seeana</i>	8.3	6.4	22		Lean
123	-27.803113	153.099643	<i>Angophora leiocarpa</i>	8.4	2.1	25		
124	-27.803117	153.099645	<i>Eucalyptus seeana</i>	10.3	5.8	18		
125	-27.80313	153.099664	<i>Lophostemon suaveolens</i>	7.3	3.2	12		
126	-27.803132	153.099669	<i>Eucalyptus tereticornis</i>	8.7	3.4	12		
127	-27.80314	153.099682	<i>Alphitonia excelsa</i>	7.7	4.2	18		
128	-27.803152	153.099701	<i>Angophora leiocarpa</i>	6.6	3.2	15		
129	-27.803152	153.099723	<i>Corymbia intermedia</i>	7.4	3.7	12		
130	-27.803153	153.099722	<i>Eucalyptus crebra</i>	12.6	7.3	30		Termites
131	-27.803155	153.099788	<i>Eucalyptus seeana</i>	15.1	12	60	Trunk damage	Hollows and termites
132	-27.803165	153.09981	<i>Alphitonia excelsa</i>	6.2	3.7	12		
133	-27.803146	153.099822	<i>Eucalyptus seeana</i>	7.4	4.2	18		
134	-27.803172	153.099864	<i>Acacia disparrima</i>	6.2	4.9	10		
136	-27.80315	153.099957	<i>Corymbia trachyphloia</i>	15.8	12	40		
137	-27.803161	153.099966	<i>Acacia disparrima</i>	6.1	3.9	10		
138	-27.803241	153.099919	Standing dead wood	7.6		25+15		
139	-27.803243	153.099886	<i>Acacia disparrima</i>	7.2	5.9	25	Lean	

140	-27.803286	153.099839	<i>Eucalyptus seeana</i>	13.4	11.2	65		Scratches and hollows
141	-27.803293	153.099845	<i>Corymbia trachyphloia</i>	5.4	2.6	10		
142	-27.803249	153.099801	<i>Corymbia intermedia</i>	8.7	5.8	15x3		
143	-27.803236	153.099793	<i>Eucalyptus seeana</i>	6.7	1.4	12		
144	-27.803225	153.099789	<i>Eucalyptus seeana</i>	14.8	9.2	35		
145	-27.803205	153.099753	<i>Angophora leiocarpa</i>	7.3	4.6	12		
146	-27.803208	153.099746	<i>Lophostemon suaveolens</i>	5.2	3.3	15		
147	-27.803184	153.099699	<i>Lophostemon suaveolens</i>	1.7	4.3	10		
148	-27.803178	153.099698	<i>Lophostemon suaveolens</i>	1.8	4.3	10		
149	-27.803166	153.099674	<i>Eucalyptus seeana</i>	1.6	5.2	15		
150	-27.803161	153.099659	<i>Angophora leiocarpa</i>	18.1	1.4	35		
151	-27.803158	153.099627	<i>Alphitonia excelsa</i>	6.6	3.8	12		
152	-27.803176	153.099603	<i>Allocasuarina littoralis</i>	9.4	8.2	25		
153	-27.803203	153.099615	<i>Lophostemon suaveolens</i>	9.3	7.1	10		
154	-27.80321	153.099626	<i>Eucalyptus siderophloia</i>	8.4	4	12		
155	-27.803213	153.099621	<i>Alphitonia excelsa</i>	9.5	5.2	12		
156	-27.803221	153.099615	<i>Eucalyptus tereticornis</i>	13.9	7	18		
157	-27.803214	153.099621	<i>Corymbia intermedia</i>	9.9	8	20+10		
158	-27.803222	153.099602	<i>Acacia disparrima</i>	12.1	7.4	18	Over-mature	
159	-27.803228	153.099588	<i>Corymbia intermedia</i>	6.8	1	10		
160	-27.8032	153.099585	<i>Acacia disparrima</i>	9.2	5.4	18		
161	-27.803194	153.09958	<i>Corymbia intermedia</i>	11.7	5.2	18		
162	-27.803192	153.099571	<i>Acacia disparrima</i>	6.9	5.4	10		
163	-27.80319	153.099571	<i>Alphitonia excelsa</i>	1.9	4.8	15		
164	-27.803161	153.09957	<i>Corymbia trachyphloia</i>	8.4	4.7	15		
165	-27.80318	153.099489	<i>Eucalyptus seeana</i>	12.9	7.8	18+18+20		
166	-27.803168	153.099381	<i>Lophostemon suaveolens</i>	13.8	8.5	50		Hollows
167	-27.803173	153.099393	<i>Allocasuarina littoralis</i>	7	6.7	12		

168	-27.803175	153.099415	<i>Alphitonia excelsa</i>	7.1	2	10		
169	-27.803175	153.099417	<i>Lophostemon suaveolens</i>	7.3	5.9	12x2		
170	-27.803158	153.099402	<i>Acacia disparrima</i>	9.5	7.6	20	Over-mature	
171	-27.803139	153.099409	<i>Corymbia intermedia</i>	12.9	5.9	20+18+18		
172	-27.803145	153.099403	<i>Alphitonia excelsa</i>	11.8	5.6	18		
173	-27.80315	153.09941	<i>Acacia disparrima</i>	8.2	5.1	12		
174	-27.803115	153.099385	<i>Alphitonia excelsa</i>	12.8	5.1	10		
175	-27.803109	153.099382	<i>Corymbia trachyphloia</i>	15.3	10.4	40		
176	-27.803108	153.099363	<i>Leptospermum polygalifolium</i>	5.7	3.8	10x2		
177	-27.803125	153.099345	<i>Eucalyptus tereticornis</i>	8.4	1.9	10		
178	-27.803132	153.099308	<i>Corymbia intermedia</i>	7.2	1.4	10		
179	-27.803097	153.099284	<i>Corymbia intermedia</i>	8.2	4.2	18		
181	-27.803093	153.099261	<i>Alphitonia excelsa</i>	7.1	2.4	12		
182	-27.803087	153.099255	<i>Angophora leiocarpa</i>	9.4	3.1	15		
183	-27.80309	153.099267	<i>Acacia disparrima</i>	6.9	3.4	10		
184	-27.803087	153.099235	<i>Alphitonia excelsa</i>	8.2	5	12		
185	-27.803075	153.099198	<i>Acacia disparrima</i>	6.3	3	10		
186	-27.80308	153.09911	<i>Acacia disparrima</i>	6.7	5.2	15		
187	-27.80308	153.099028	<i>Alphitonia excelsa</i>	5.4	3.4	12		
188	-27.80309	153.099008	<i>Acacia disparrima</i>	6.2	3.1	10		
189	-27.80309	153.098997	<i>Alphitonia excelsa</i>	8	3	10		Stick nest
190	-27.803104	153.098982	<i>Acacia disparrima</i>	7	4.1	12		
191	-27.803113	153.098966	<i>Acacia disparrima</i>	5	4	12		
192	-27.80314	153.098963	<i>Alphitonia excelsa</i>	6.9	3.4	12		
193	-27.803151	153.098966	<i>Alphitonia excelsa</i>	6.1	3.4	15		
194	-27.803174	153.098961	<i>Acacia disparrima</i>	8.2	6.1	22		
195	-27.803228	153.098945	<i>Corymbia intermedia</i>	7.2	3.1	10		
196	-27.803273	153.098942	Standing dead wood	8		10		
197	-27.803317	153.098937	<i>Corymbia intermedia</i>	8.2	3	10		

198	-27.80332	153.098927	<i>Corymbia intermedia</i>	9.3	4.1	15		
199	-27.803352	153.098923	<i>Alphitonia excelsa</i>	7.3	2.4	10		
200	-27.803335	153.098897	<i>Acacia disparrima</i>	11.4	7.6	25	Over-mature	
201	-27.803331	153.098886	<i>Acacia disparrima</i>	9.9	13.6	40		
202	-27.803329	153.098873	Standing dead wood	5		10		
203	-27.803364	153.098883	<i>Angophora leiocarpa</i>	19.6	11.4	70		
204	-27.803369	153.098904	<i>Alphitonia excelsa</i>	6.6	4.2	15		
205	-27.803364	153.098895	<i>Alphitonia excelsa</i>	6.6	4.2	15		
206	-27.803408	153.098921	<i>Alphitonia excelsa</i>	6	4	12		
207	-27.80337	153.098954	<i>Eucalyptus seeana</i>	13.2	8.6	35		
208	-27.803323	153.098979	Standing dead wood	9.9		20		
209	-27.803382	153.098987	<i>Corymbia intermedia</i>	13.6	7.9	30		
210	-27.803383	153.098996	Standing dead wood	7.4		12		
211	-27.803368	153.09905	Standing dead wood	9.6		20		
212	-27.80342	153.09904	<i>Grevillea robusta</i>	10.6	7.8	45		
213	-27.80342	153.099078	<i>Caesalpinnea ferrea</i>	9.2	6.2	12+10		Scratches
214	-27.803367	153.099067	<i>Caesalpinnea ferrea</i>	9.2	3.8	10		
215	-27.803375	153.099109	Standing dead wood	7.8		12		
216	-27.803367	153.099112	<i>Angophora leiocarpa</i>	12	4	15		
217	-27.803441	153.099131	<i>Araucaria cunninghamii</i>	35	9.9	35		
218	-27.803433	153.099141	<i>Grevillea robusta</i>	20	9.2	35		
219	-27.803436	153.099154	<i>Alphitonia excelsa</i>	6	4	15		
220	-27.803457	153.099168	<i>Angophora leiocarpa</i>	13.6	8.4	85		
221	-27.803446	153.099182	<i>Alphitonia excelsa</i>	7.2	3.2	12		
222	-27.803468	153.09921	<i>Alphitonia excelsa</i>	8	3.6	15		
223	-27.803475	153.099214	<i>Alphitonia excelsa</i>	7	3	10		
224	-27.803479	153.099224	<i>Acacia disparrima</i>	7.9	5.3	20		
225	-27.803378	153.099169	<i>Acacia disparrima</i>	10.3	4.8	18		
226	-27.803357	153.099172	<i>Acacia disparrima</i>	10	4.5	15		

227	-27.803338	153.099165	<i>Acacia disparrima</i>	10.4	4.9	20		
228	-27.803333	153.099164	<i>Alphitonia excelsa</i>	8.4	4.2	12		
229	-27.803349	153.099164	<i>Alphitonia excelsa</i>	8.6	5	12		
230	-27.803301	153.099151	<i>Alphitonia excelsa</i>	9	5.4	15		
231	-27.803273	153.099143	<i>Acacia disparrima</i>	9.7	3.8	12		
232	-27.803263	153.099146	<i>Acacia disparrima</i>	8.6	6.1	18		
233	-27.803258	153.099006	<i>Acacia disparrima</i>	8	4	25		
234	-27.803269	153.099003	<i>Corymbia trachyphloia</i>	13.6	8.7	30		
235	-27.803295	153.098995	<i>Corymbia trachyphloia</i>	13.2	8.5	28		
236	-27.803282	153.098993	<i>Alphitonia excelsa</i>	8.2	4.1	12		
237	-27.803279	153.099016	Standing dead wood	8.1		18		
238	-27.803262	153.099018	<i>Acacia disparrima</i>	10.3	4.8	18		
239	-27.803257	153.09902	<i>Alphitonia excelsa</i>	9.6	4.8	12		
240	-27.803256	153.099019	<i>Corymbia trachyphloia</i>	14.3	5.8	30		
241	-27.803259	153.099023	<i>Acacia disparrima</i>	9.6	3.4	12		
242	-27.803207	153.099008	Standing dead wood	7.6		22		
243	-27.803194	153.099011	<i>Corymbia trachyphloia</i>	11.1	5.3	20		
244	-27.803177	153.099015	<i>Alphitonia excelsa</i>	9.3	3.4	10		
245	-27.803194	153.099056	<i>Alphitonia excelsa</i>	6.7	3.4	10		
246	-27.803135	153.09905	<i>Acacia disparrima</i>	9.2	4.6	15		
247	-27.803132	153.099042	<i>Corymbia intermedia</i>	16.2	9.8	75		
248	-27.803138	153.099036	<i>Alphitonia excelsa</i>	4.3	2.8	15		
249	-27.803138	153.099039	<i>Eucalyptus tereticornis</i>	14.6	9.5	65		
250	-27.803161	153.099084	<i>Acacia disparrima</i>	8.5	6.2	15		
251	-27.803162	153.099085	<i>Acacia disparrima</i>	7.6	3.8	10		
252	-27.803162	153.099086	<i>Acacia disparrima</i>	7	4	12		
253	-27.80316	153.099088	<i>Acacia disparrima</i>	8	4.6	15		
254	-27.80318	153.099106	<i>Acacia disparrima</i>	8.7	5.1	18		
255	-27.803183	153.099119	<i>Acacia disparrima</i>	8.7	5.1	18		

256	-27.803181	153.099123	<i>Acacia disparrima</i>	8.7	5.1	18		
257	-27.80318	153.099134	<i>Acacia disparrima</i>	8.7	5.1	18		
258	-27.80318	153.099142	<i>Acacia disparrima</i>	8.7	5.1	18		
259	-27.803211	153.099148	<i>Acacia disparrima</i>	8.7	5.1	18		
260	-27.803216	153.099157	<i>Acacia disparrima</i>	8.7	5.1	18		
261	-27.80323	153.099168	<i>Acacia disparrima</i>	8.7	5.1	18		
262	-27.803239	153.099171	<i>Acacia disparrima</i>	8.7	5.1	18		
263	-27.8033	153.099173	<i>Acacia disparrima</i>	8.7	5.1	18		
264	-27.803248	153.099192	<i>Acacia disparrima</i>	8.7	5.1	18		
265	-27.80325	153.099181	<i>Acacia disparrima</i>	8.7	5.1	18		
266	-27.803252	153.099176	<i>Acacia disparrima</i>	8.7	5.1	18		
267	-27.803248	153.099177	<i>Acacia disparrima</i>	8.7	5.1	18		
268	-27.803207	153.099177	<i>Alphitonia excelsa</i>	7.8	2.6	10		
269	-27.803197	153.099183	<i>Alphitonia excelsa</i>	7.8	2.6	10		
270	-27.803194	153.099245	<i>Alphitonia excelsa</i>	7.8	2.6	10		
271	-27.803184	153.099243	<i>Eucalyptus seeana</i>	12.8	7.6	35		
272	-27.80318	153.099221	<i>Corymbia trachyphloia</i>	12.8	7.7	40		
273	-27.80318	153.099244	<i>Alphitonia excelsa</i>	7.4	3.2	10		
274	-27.803176	153.099248	<i>Eucalyptus tereticornis</i>	12.3	4.1	18		
275	-27.803178	153.099271	<i>Angophora leiocarpa</i>	9.8	3.2	10		
276	-27.803206	153.099262	<i>Acacia disparrima</i>	12.8	4.6	15		
277	-27.80321	153.09927	<i>Acacia disparrima</i>	12.8	4.6	15		
278	-27.803212	153.099274	<i>Alphitonia excelsa</i>	8.3	3.6	10		
279	-27.803228	153.099283	<i>Lophostemon suaveolens</i>	10.5	6.3	35		
280	-27.80325	153.099364	<i>Corymbia trachyphloia</i>	12.8	10.2	45		Potential hollows
281	-27.803235	153.099394	<i>Alphitonia excelsa</i>	7	4	12		
282	-27.803224	153.099401	<i>Angophora leiocarpa</i>	11.8	8.2	40		
283	-27.8032	153.099416	<i>Alphitonia excelsa</i>	7.4	3.1	10		
284	-27.803213	153.099427	<i>Alphitonia excelsa</i>	7.4	3.1	10		

285	-27.803242	153.099448	<i>Alphitonia excelsa</i>	7.4	3.1	10		
286	-27.803246	153.099477	<i>Alphitonia excelsa</i>	7.4	3.1	10		
287	-27.803299	153.099503	<i>Alphitonia excelsa</i>	7.4	3.1	10		
288	-27.803354	153.099511	<i>Alphitonia excelsa</i>	7.4	3.1	10		
289	-27.80326	153.099519	<i>Corymbia intermedia</i>	12.8	7.6	25x2		
290	-27.803268	153.099539	<i>Eucalyptus seeana</i>	7.8	4.2	12		
291	-27.803275	153.099581	<i>Lophostemon suaveolens</i>	6.7	3.2	10		
292	-27.803257	153.099599	<i>Allocasuarina littoralis</i>	9.2	3.2	10		
293	-27.803246	153.099592	<i>Eucalyptus tereticornis</i>	9.2	2	12		
294	-27.803242	153.099593	<i>Acacia disparrima</i>	12.4	6.8	18		
295	-27.803257	153.099597	<i>Eucalyptus tereticornis</i>	4.2	2.8	12		
296	-27.803274	153.099617	<i>Lophostemon suaveolens</i>	10.1	2.1	18+12		
297	-27.803292	153.099706	<i>Eucalyptus seeana</i>	9.1	3.4	12		
298	-27.803293	153.099727	<i>Acacia disparrima</i>	10.1	6.2	12		
299	-27.803264	153.099704	<i>Eucalyptus seeana</i>	12.4	7.2	30		
300	-27.803274	153.099698	<i>Eucalyptus seeana</i>	9.7	4.2	18		
301	-27.803286	153.099719	<i>Angophora leiocarpa</i>	9.5	3	12		
302	-27.803274	153.099725	<i>Eucalyptus seeana</i>	8.1	3.2	12		
303	-27.803268	153.099725	<i>Allocasuarina littoralis</i>	6	3	10		
304	-27.803242	153.099738	<i>Eucalyptus seeana</i>	7	4	10		
305	-27.803286	153.09977	<i>Lophostemon suaveolens</i>	7.3	2	10		
306	-27.803306	153.099778	<i>Eucalyptus seeana</i>	8.2	3.4	12		
307	-27.803322	153.099762	<i>Eucalyptus tereticornis</i>	9.8	3.2	18		
308	-27.803358	153.099793	<i>Eucalyptus seeana</i>	8.9	4.6	25		
309	-27.803343	153.0998	<i>Lophostemon suaveolens</i>	9.9	4	18		
310	-27.803313	153.099882	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
311	-27.80334	153.099881	<i>Eucalyptus siderophloia</i>	3.6	3.6	12		
312	-27.80335	153.099881	<i>Eucalyptus siderophloia</i>	6.2	3.1	12		
313	-27.803375	153.099819	<i>Acacia disparrima</i>	7.2	3.4	12		

314	-27.8034	153.099822	<i>Acacia disparrima</i>	7.4	3.8	15		
315	-27.803424	153.099835	<i>Corymbia intermedia</i>	14.6	9.8	80		
316	-27.803493	153.099844	<i>Eucalyptus seeana</i>	8.4	4.1	18		
317	-27.803494	153.099852	<i>Angophora leiocarpa</i>	8.4	3.8	18		
318	-27.803505	153.099843	<i>Eucalyptus seeana</i>	8.4	4	20		
319	-27.803496	153.099815	<i>Eucalyptus seeana</i>	6.1	3.2	15		
320	-27.803521	153.099795	<i>Corymbia intermedia</i>	9	3.3	10		
321	-27.803505	153.099786	<i>Lophostemon suaveolens</i>	6.4	3.3	10		
322	-27.803501	153.099783	<i>Lophostemon suaveolens</i>	6.2	3	10		
323	-27.8035	153.099799	Standing dead wood	5		10		
324	-27.803485	153.099804	<i>Eucalyptus seeana</i>	9.8	3.8	18		
325	-27.80349	153.099756	<i>Lophostemon suaveolens</i>	7.6	3.2	12		
326	-27.803487	153.099742	<i>Lophostemon suaveolens</i>	7	3	10		
327	-27.803488	153.099743	<i>Eucalyptus seeana</i>	11.8	6.4	35x2		
328	-27.803451	153.099738	<i>Lophostemon suaveolens</i>	7.1	3.1	10		
329	-27.803437	153.099772	<i>Lophostemon suaveolens</i>	7.4	3.6	12		
330	-27.803433	153.099772	<i>Eucalyptus seeana</i>	7.8	2.7	12		
331	-27.803433	153.099757	<i>Lophostemon suaveolens</i>	8.2	3.4	15		
332	-27.803425	153.099752	<i>Lophostemon suaveolens</i>	8	3.2	12		
333	-27.803424	153.099739	<i>Eucalyptus seeana</i>	11.6	5.2	25+20		
334	-27.803419	153.099721	<i>Eucalyptus seeana</i>	10.3	4.6	20		
335	-27.803363	153.099751	<i>Acacia disparrima</i>	11.3	5.2	18		
336	-27.803358	153.099732	<i>Corymbia trachyphloia</i>	12.4	8.2	50	Strangled by <i>Hylocereus undatus</i> and has crown-loss	
337	-27.803372	153.099711	<i>Corymbia intermedia</i>	8.6	3.5	12		
338	-27.803382	153.099671	<i>Angophora leiocarpa</i>	12	6	18		
339	-27.803378	153.099652	<i>Eucalyptus seeana</i>	12.3	7.6	20		
340	-27.803374	153.099647	<i>Acacia disparrima</i>	13.2	6	18		

341	-27.803334	153.099635	<i>Acacia disparrima</i>	6.8	4.8	12		
342	-27.803336	153.09962	<i>Angophora leiocarpa</i>	15.3	6.7	46		Potential hollows
343	-27.80338	153.09961	<i>Eucalyptus seeana</i>	12.8	7.1	35		
344	-27.803374	153.099607	Standing dead wood	5		18		
345	-27.803369	153.099605	<i>Acacia disparrima</i>	11.4	5	12		
346	-27.803379	153.099588	<i>Eucalyptus seeana</i>	9.8	4.6	20		
347	-27.803386	153.099583	<i>Corymbia intermedia</i>	15.8	8.4	75		
348	-27.803371	153.099506	<i>Acacia disparrima</i>	9.9	4.2	12		
349	-27.80335	153.099509	<i>Alphitonia excelsa</i>	10.2	5.2	15		
350	-27.80334	153.0995	<i>Lophostemon suaveolens</i>	9.6	3.2	15		
351	-27.803339	153.099484	Standing dead wood	10.8		40		
352	-27.803299	153.099471	<i>Eucalyptus tereticornis</i>	10.8	3	15		
353	-27.803334	153.099408	<i>Lophostemon suaveolens</i>	3	2	15		
354	-27.803331	153.099401	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
355	-27.803331	153.099404	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
356	-27.803326	153.0994	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
357	-27.803316	153.099396	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
358	-27.803309	153.099394	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
359	-27.803309	153.099387	<i>Lophostemon suaveolens</i>	7.2	3.8	12		
360	-27.803323	153.099403	<i>Corymbia intermedia</i>	8.2	3.4	10		
361	-27.803325	153.099398	<i>Eucalyptus seeana</i>	11.3	4.6	20		
362	-27.803352	153.099397	<i>Acacia disparrima</i>	8.2	5.4	18+15		
363	-27.803389	153.099377	<i>Acacia disparrima</i>	9	4	15		
364	-27.803417	153.099369	<i>Acacia disparrima</i>	9.8	4.4	18		
365	-27.803409	153.099347	<i>Corymbia intermedia</i>	16.7	12	60	Strangled by <i>Hylocereus undatus</i>	
366	-27.803411	153.099325	<i>Acacia disparrima</i>	10.2	8.6	20		
367	-27.803456	153.099366	<i>Corymbia intermedia</i>	10.3	5.4	15+10		
368	-27.803556	153.0997	<i>Angophora leiocarpa</i>	7.4	3.2	12		

369	-27.803553	153.099706	<i>Angophora leiocarpa</i>	7.2	3	12		
370	-27.803529	153.099679	<i>Alphitonia excelsa</i>	6.6	3.2	10		
371	-27.803544	153.099681	<i>Lophostemon suaveolens</i>	7.2	2.8	12		
372	-27.803555	153.099671	<i>Corymbia intermedia</i>	14.3	8.6	45		
373	-27.803553	153.099655	<i>Acacia disparrima</i>	11.3	8.6	30+15		
374	-27.803484	153.099661	<i>Lophostemon suaveolens</i>	7.9	2.1	10		
375	-27.803468	153.099659	<i>Acacia disparrima</i>	6.9	3.2	10		
376	-27.803426	153.099674	<i>Eucalyptus moluccana</i>	8	3.6	15+12		
377	-27.803431	153.099656	<i>Eucalyptus seeana</i>	12.8	5.3	25		
378	-27.803447	153.099634	<i>Lophostemon suaveolens</i>	12.4	4.2	15		Termites
379	-27.803449	153.099628	<i>Eucalyptus seeana</i>	11.1	4.8	20		
380	-27.80346	153.099615	<i>Eucalyptus seeana</i>	9.1	3.2	15		
381	-27.803451	153.099614	<i>Lophostemon suaveolens</i>	8.8	3.6	10		
382	-27.803438	153.099617	<i>Alphitonia excelsa</i>	10.3	4.6	15		
383	-27.803436	153.099595	<i>Lophostemon suaveolens</i>	9.6	4.4	18		
384	-27.803431	153.099534	Standing dead wood	8		15		
385	-27.803412	153.099509	<i>Allocasuarina littoralis</i>	8.3	3.6	12		
386	-27.803377	153.099466	<i>Allocasuarina littoralis</i>	8.3	3.6	12		
387	-27.803381	153.099458	<i>Acacia disparrima</i>	8.7	5.4	18		
388	-27.803393	153.099452	<i>Alphitonia excelsa</i>	7.9	3.3	12		
389	-27.803401	153.099465	<i>Alphitonia excelsa</i>	9.2	5.6	18		
390	-27.803425	153.099449	<i>Alphitonia excelsa</i>	9.6	2.1	15		
391	-27.803443	153.09945	<i>Corymbia trachyphloia</i>	9.9	3	15		
392	-27.803451	153.099459	<i>Angophora leiocarpa</i>	10.1	1	12		
393	-27.803456	153.099454	<i>Eucalyptus seeana</i>	8.2	3.6	15		
394	-27.803468	153.099447	<i>Alphitonia excelsa</i>	8.2	3.6	15		
395	-27.803494	153.099467	<i>Corymbia intermedia</i>	9.4	1	12		
396	-27.803484	153.099483	<i>Alphitonia excelsa</i>	9.4	4.2	18		
397	-27.803462	153.099501	<i>Angophora leiocarpa</i>	8.9	2	15		

398	-27.80346	153.099511	<i>Corymbia intermedia</i>	9	4	12		
399	-27.803455	153.099534	<i>Alphitonia excelsa</i>	6.6	2	10		
400	-27.803454	153.099546	<i>Angophora leiocarpa</i>	6	1	10		
401	-27.803474	153.099516	<i>Eucalyptus seeana</i>	8.6	3.2	30		
402	-27.803483	153.099509	<i>Alphitonia excelsa</i>	5.6	3.4	12		
403	-27.803522	153.099507	<i>Angophora leiocarpa</i>	8.4	3	12		
404	-27.803537	153.09947	<i>Alphitonia excelsa</i>	7.2	3	15		
405	-27.803539	153.099466	<i>Alphitonia excelsa</i>	7	3	12		
406	-27.803534	153.099467	Standing dead wood	6		15		
407	-27.803536	153.099451	<i>Corymbia intermedia</i>	8	3	18		
408	-27.803532	153.099434	<i>Corymbia intermedia</i>	12.2	5.4	18		
409	-27.803522	153.099433	<i>Eucalyptus seeana</i>	15.8	10.2	50		Scratches
410	-27.803529	153.099399	<i>Lophostemon suaveolens</i>	7.2	3	12		
411	-27.803539	153.099389	<i>Lophostemon suaveolens</i>	8.1	1.4	10		
412	-27.803539	153.099386	<i>Corymbia intermedia</i>	9.8	4.2	18		
413	-27.803539	153.099389	<i>Eucalyptus tereticornis</i>	9	2	18		
414	-27.803525	153.099381	<i>Eucalyptus seeana</i>	13.6	5.2	40		
415	-27.803464	153.099347	<i>Alphitonia excelsa</i>	9.1	4.2	12		
416	-27.803431	153.099384	<i>Corymbia intermedia</i>	8.2	1	12	Crown-loss	
417	-27.803434	153.099394	<i>Alphitonia excelsa</i>	6.8	3.4	12	Crown-loss	
418	-27.803439	153.099389	<i>Lophostemon suaveolens</i>	6	1	10		
419	-27.803472	153.099342	<i>Lophostemon suaveolens</i>	8.1	4.2	15		
420	-27.803447	153.099322	<i>Corymbia intermedia</i>	9.8	4.4	12		
421	-27.803435	153.099312	<i>Corymbia intermedia</i>	9.4	4	10		
422	-27.803413	153.09929	<i>Alphitonia excelsa</i>	8.8	1	12		
423	-27.80349	153.099302	<i>Lophostemon suaveolens</i>	9	6	15+10		
424	-27.803495	153.099306	<i>Angophora leiocarpa</i>	4	1	10	Crown-loss	
425	-27.803498	153.099313	<i>Corymbia intermedia</i>	12.6	4.8	18		
426	-27.803496	153.099329	<i>Angophora leiocarpa</i>	13.8	6.5	30		

427	-27.803799	153.098816	<i>Eucalyptus tereticornis</i>	13.6	11.2	45		
429	-27.804158	153.09955	<i>Corymbia trachyphloia</i>	12.1	9.7	90+30		Potential hollows
430	-27.804664	153.099455	<i>Angophora leiocarpa</i>	4.4	1	10		
431	-27.804631	153.099429	<i>Acacia disparrima</i>	8.4	7.2	25		
432	-27.804608	153.099446	<i>Acacia leiocalyx</i>	8.9	4.4	12		
433	-27.804606	153.099448	<i>Acacia disparrima</i>	8.9	4.3	20		
434	-27.804623	153.099458	<i>Allocasuarina littoralis</i>	8.6	4.9	12		
435	-27.80461	153.099445	<i>Acacia disparrima</i>	7.4	3.9	18		
436	-27.804608	153.099486	<i>Acacia disparrima</i>	7.4	3.9	18		
437	-27.804597	153.099433	<i>Acacia disparrima</i>	6.6	3.8	10		
438	-27.804529	153.09946	<i>Acacia disparrima</i>	9.6	7	25		
439	-27.804567	153.099498	<i>Allocasuarina littoralis</i>	10.2	3.4	15		
440	-27.804515	153.099502	<i>Allocasuarina littoralis</i>	8.4	3.2	15		
441	-27.804495	153.099504	<i>Corymbia trachyphloia</i>	12.2	5.6	18x2		
442	-27.804498	153.099509	<i>Allocasuarina littoralis</i>	6.2	5.1	12		
443	-27.804458	153.099525	<i>Acacia disparrima</i>	11.6	7.6	20		
444	-27.804451	153.099511	<i>Alphitonia excelsa</i>	6.6	4	10		
445	-27.804442	153.099509	<i>Alphitonia excelsa</i>	6.6	4	10		
446	-27.804438	153.099512	<i>Acacia disparrima</i>	6.8	3.4	12		
447	-27.804434	153.099517	<i>Lophostemon suaveolens</i>	6.6	2	10		
448	-27.804431	153.09951	<i>Acacia leiocalyx</i>	6.1	1	10		
449	-27.804415	153.099528	<i>Allocasuarina littoralis</i>	7.9	3.4	12		
450	-27.804398	153.099525	<i>Corymbia intermedia</i>	12.4	2.2	20	Strangled by <i>Hylocereus undatus</i>	
451	-27.804395	153.099515	<i>Acacia disparrima</i>	6.1	4	15		
452	-27.804354	153.099523	<i>Allocasuarina littoralis</i>	3.2	2	12	Trunk damage	
453	-27.804328	153.099529	<i>Alphitonia excelsa</i>	8.9	6	18		
454	-27.804321	153.099591	<i>Corymbia intermedia</i>	14.2	9.6	35+25		
455	-27.804276	153.09956	<i>Eucalyptus seeana</i>	15.2	12	45		

456	-27.804285	153.09954	<i>Lophostemon suaveolens</i>	8.1	3.2	12		
457	-27.80427	153.099537	<i>Corymbia trachyphloia</i>	10.4	7.2	30		
458	-27.804255	153.099517	<i>Acacia disparrima</i>	9.1	5.2	18		
459	-27.804261	153.099501	<i>Alphitonia excelsa</i>	9.2	2.2	12		
460	-27.804274	153.099483	<i>Alphitonia excelsa</i>	9.2	2.2	12	Trunk damage and strangled by <i>Hylocereus undatus</i>	
461	-27.804279	153.09948	<i>Alphitonia excelsa</i>	9.2	2.2	12	Trunk damage and strangled by <i>Hylocereus undatus</i>	
462	-27.804291	153.099469	<i>Alphitonia excelsa</i>	9.2	2.2	12	Strangled by <i>Hylocereus undatus</i>	
463	-27.804297	153.099461	<i>Corymbia trachyphloia</i>	10.1	3.6	15	Strangled by <i>Hylocereus undatus</i>	
464	-27.8043	153.099446	<i>Acacia leiocalyx</i>	8.4	5.1	12	Strangled by <i>Hylocereus undatus</i>	
465	-27.804228	153.099471	<i>Araucaria bidwillii</i>	10.3	6	30		
466	-27.804209	153.099463	<i>Alphitonia excelsa</i>	9.4	3.6	15		
467	-27.804239	153.099461	<i>Alphitonia excelsa</i>	11.1	3.6	18+15	Strangled by <i>Hylocereus undatus</i>	
468	-27.80423	153.099442	<i>Acacia disparrima</i>	7.4	4	12		
469	-27.804227	153.099439	<i>Acacia disparrima</i>	8.2	4.5	15		
470	-27.804224	153.09941	<i>Corymbia trachyphloia</i>	15.3	7.2	35		
471	-27.804211	153.099389	<i>Acacia leiocalyx</i>	10.1	6.4	25		
472	-27.804202	153.09939	<i>Eucalyptus seeana</i>	11.2	6.4	18		
473	-27.804159	153.099352	<i>Eucalyptus seeana</i>	15.4	8.6	35		Scratches and hollows
474	-27.804175	153.099326	<i>Eucalyptus seeana</i>	14.8	6.2	35	Strangled by <i>Hylocereus undatus</i>	
475	-27.804209	153.099319	<i>Eucalyptus seeana</i>	14.8	5.4	35	Strangled by <i>Hylocereus undatus</i>	
476	-27.804273	153.099363	<i>Eucalyptus seeana</i>	10.1	4.3	35	Strangled by <i>Hylocereus undatus</i>	
477	-27.804282	153.099388	<i>Lophostemon suaveolens</i>	9.2	4.3	22	Strangled by <i>Hylocereus undatus</i>	

478	-27.804285	153.099381	<i>Lophostemon suaveolens</i>	6.2	5	25	Strangled by <i>Hylocereus undatus</i>	
479	-27.804281	153.099378	<i>Corymbia intermedia</i>	8	1	12		
480	-27.804285	153.099372	<i>Alphitonia excelsa</i>	7.2	3.4	12		
481	-27.804297	153.099377	<i>Angophora leiocarpa</i>	17.4	7.4	35		
482	-27.804306	153.099377	<i>Eucalyptus tereticornis</i>	15.1	8.2	40		
484	-27.804346	153.099383	<i>Angophora leiocarpa</i>	9.8	3.8	18		
485	-27.804347	153.099383	<i>Alphitonia excelsa</i>	5.4	2.4	10		
486	-27.804342	153.099371	<i>Angophora leiocarpa</i>	7.6	2.4	10		
487	-27.804343	153.099375	<i>Alphitonia excelsa</i>	6.6	3.2	12		
488	-27.804335	153.099374	<i>Alphitonia excelsa</i>	5.2	1.4	10		
489	-27.804334	153.099371	<i>Angophora leiocarpa</i>	9.8	2.2	12		
490	-27.804352	153.099357	Standing dead wood	10		15		
491	-27.804357	153.099384	<i>Eucalyptus tereticornis</i>	17.6	8.4	60		
492	-27.804329	153.099372	<i>Angophora leiocarpa</i>	7.2	3.2	12		
494	-27.804342	153.099468	<i>Angophora leiocarpa</i>	8.8	3.1	15		
495	-27.80433	153.099469	<i>Alphitonia excelsa</i>	7.4	3.4	12		
496	-27.804345	153.099473	<i>Angophora leiocarpa</i>	9.6	2.2	12		
497	-27.804349	153.099471	<i>Allocasuarina littoralis</i>	8.2	3.8	10		
498	-27.804347	153.099472	<i>Corymbia intermedia</i>	7.1	2.1	10		
499	-27.804353	153.099459	<i>Lophostemon suaveolens</i>	6.7	2	12		
500	-27.804361	153.099454	<i>Eucalyptus seeana</i>	11.4	3.8	18+10		
501	-27.804373	153.099459	<i>Allocasuarina littoralis</i>	10	8	35		
502	-27.804426	153.099442	<i>Acacia disparrima</i>	9.6	3.8	12		
503	-27.804416	153.099437	<i>Eucalyptus tereticornis</i>	9.6	2	10	Basal damage	
504	-27.80443	153.099428	<i>Corymbia intermedia</i>	9.7	4.2	18		
505	-27.804432	153.099389	<i>Eucalyptus seeana</i>	11.2	4.8	20		
506	-27.804424	153.099356	<i>Eucalyptus seeana</i>	8.8	4.2	20		
507	-27.804441	153.09932	<i>Acacia disparrima</i>	8.8	5.2	15		

508	-27.804424	153.099314	<i>Acacia disparrima</i>	8.8	5.2	15		
509	-27.804391	153.09934	<i>Angophora leiocarpa</i>	7.3	2.4	10		
510	-27.804418	153.099358	<i>Acacia disparrima</i>	10.6	7.2	20		
511	-27.804451	153.09934	<i>Acacia disparrima</i>	6.9	3.8	12		
512	-27.804474	153.099319	<i>Acacia disparrima</i>	9.8	4.8	22		
513	-27.804467	153.099298	<i>Acacia leiocalyx</i>	9.1	4.2	12		
514	-27.804546	153.099336	<i>Acacia disparrima</i>	8.8	3.6	12		
515	-27.804582	153.09934	<i>Acacia disparrima</i>	7.4	4.2	12		
516	-27.804598	153.099362	<i>Acacia disparrima</i>	7.4	4.2	12		
517	-27.804594	153.099371	<i>Acacia disparrima</i>	7.4	4.2	12		
518	-27.804608	153.099371	<i>Acacia disparrima</i>	7.4	4.2	12		
519	-27.804623	153.099356	<i>Acacia disparrima</i>	7.4	4.2	12		
520	-27.804618	153.099323	<i>Acacia disparrima</i>	7.4	4.2	12		
521	-27.804624	153.099324	<i>Acacia disparrima</i>	7.4	4.2	12		
522	-27.804614	153.099262	<i>Acacia disparrima</i>	7.4	5.2	20		
523	-27.804625	153.099294	<i>Acacia disparrima</i>	7.4	5.2	20		
524	-27.804621	153.099301	<i>Acacia disparrima</i>	7.4	5.2	20		
525	-27.804473	153.099236	<i>Acacia disparrima</i>	7.4	5.2	20		
526	-27.804471	153.099233	<i>Acacia disparrima</i>	7.4	5.2	20		
527	-27.804506	153.099181	<i>Acacia disparrima</i>	7.4	5.2	20		
528	-27.804506	153.099179	<i>Acacia disparrima</i>	7.4	5.2	20		
529	-27.804513	153.099136	<i>Acacia disparrima</i>	7.4	5.2	20		
530	-27.804505	153.099122	<i>Acacia disparrima</i>	7.4	5.2	20		
531	-27.804503	153.099122	<i>Acacia disparrima</i>	7.4	5.2	20		
532	-27.804513	153.099149	<i>Acacia disparrima</i>	7.4	5.2	20		
533	-27.804564	153.09912	<i>Acacia disparrima</i>	7.4	5.2	20		
534	-27.80456	153.099169	<i>Acacia disparrima</i>	7.4	5.2	20		
535	-27.804594	153.099215	<i>Acacia disparrima</i>	7.4	5.2	20		
536	-27.804596	153.099198	<i>Acacia disparrima</i>	7.4	5.2	20		

537	-27.804579	153.099271	<i>Acacia disparrima</i>	7.4	5.2	20		
538	-27.804499	153.099266	<i>Angophora leiocarpa</i>	8.3	1	12		
539	-27.804451	153.099245	<i>Corymbia intermedia</i>	7.2	2.8	10		
540	-27.804409	153.099246	<i>Acacia disparrima</i>	7.2	4	15		
541	-27.804429	153.099242	<i>Acacia disparrima</i>	7.2	4	15		
542	-27.804546	153.099335	<i>Acacia disparrima</i>	7.2	4	15		
543	-27.804525	153.099335	<i>Acacia disparrima</i>	7.2	4	15		
544	-27.804456	153.099293	<i>Acacia disparrima</i>	7.2	4	15		
545	-27.804377	153.099259	<i>Acacia disparrima</i>	7.2	4	15		
546	-27.804374	153.09926	<i>Alphitonia excelsa</i>	7.7	2.2	12		
547	-27.804382	153.09927	<i>Alphitonia excelsa</i>	7.7	2.2	12		
548	-27.804369	153.09932	<i>Alphitonia excelsa</i>	7.7	2.2	12		
549	-27.804337	153.099273	<i>Alphitonia excelsa</i>	7.7	2.2	12		
550	-27.804342	153.099246	<i>Alphitonia excelsa</i>	7.7	2.2	12		
551	-27.804352	153.099243	<i>Alphitonia excelsa</i>	7.7	2.2	12		
552	-27.804381	153.099214	<i>Alphitonia excelsa</i>	7.7	2.2	12		
553	-27.804371	153.099205	<i>Alphitonia excelsa</i>	7.7	2.2	12		
554	-27.804365	153.099204	<i>Alphitonia excelsa</i>	7.7	2.2	12		
555	-27.804355	153.099208	<i>Alphitonia excelsa</i>	7.7	2.2	12		
556	-27.804341	153.099206	<i>Alphitonia excelsa</i>	7.7	2.2	12		
557	-27.804314	153.099213	<i>Alphitonia excelsa</i>	7.7	2.2	12		
558	-27.804369	153.099265	<i>Lophostemon suaveolens</i>	6.7	3.6	12		
559	-27.804622	153.099173	<i>Allocasuarina littoralis</i>	5.2	3.6	12		
560	-27.80462	153.099191	<i>Acacia disparrima</i>	5.4	5	10x2		
561	-27.804649	153.09908	<i>Acacia disparrima</i>	5.4	5.1	18		
562	-27.804603	153.099107	<i>Acacia disparrima</i>	5.4	2.8	15		
563	-27.804497	153.099104	<i>Acacia disparrima</i>	6.2	3.8	15		
564	-27.804495	153.099098	<i>Acacia disparrima</i>	4.9	2.2	10		
565	-27.804492	153.099072	<i>Acacia disparrima</i>	5.5	4.8	20		

566	-27.804508	153.099023	<i>Acacia disparrima</i>	7.6	4.9	25		
567	-27.804524	153.099033	<i>Acacia disparrima</i>	7.6	4.9	25		
568	-27.804541	153.099032	<i>Acacia disparrima</i>	6.1	3.4	15		
569	-27.804547	153.099034	<i>Acacia leiocalyx</i>	5.1	3.4	10		
570	-27.804516	153.098987	<i>Acacia disparrima</i>	5.4	4.2	12		
571	-27.80451	153.09897	<i>Acacia disparrima</i>	5.2	4.8	12		
572	-27.804513	153.098923	<i>Acacia leiocalyx</i>	4.4	5.8	15		
573	-27.804519	153.098933	<i>Acacia disparrima</i>	4.8	3.4	12		
574	-27.804495	153.098949	<i>Acacia disparrima</i>	5.1	4.8	15		
575	-27.804475	153.098958	<i>Acacia disparrima</i>	5.1	4.8	15		
576	-27.804501	153.09883	<i>Corymbia intermedia</i>	5.4	1.2	12		
577	-27.804525	153.098829	<i>Leptospermum polygalifolium</i>	3.8	2.1	10		
578	-27.804532	153.098809	<i>Leptospermum polygalifolium</i>	3.8	2.1	10		
579	-27.804543	153.098788	<i>Leptospermum polygalifolium</i>	3.8	2.1	10		
580	-27.80453	153.098763	<i>Leptospermum polygalifolium</i>	3.8	2.1	10		
581	-27.804534	153.098755	<i>Leptospermum polygalifolium</i>	3.8	2.1	10		
582	-27.804565	153.098752	<i>Acacia leiocalyx</i>	3.8	3.2	10		
583	-27.804563	153.098755	<i>Acacia leiocalyx</i>	3.8	3.2	10		
584	-27.804565	153.098751	<i>Acacia leiocalyx</i>	3.8	3.2	10		
585	-27.804542	153.098707	<i>Acacia leiocalyx</i>	3.8	3.2	10		
586	-27.804531	153.098697	<i>Acacia leiocalyx</i>	3.8	3.2	10		
587	-27.804537	153.098693	<i>Acacia leiocalyx</i>	3.8	3.2	10		
588	-27.804442	153.098697	<i>Acacia leiocalyx</i>	3.8	3.2	10		
589	-27.804393	153.098693	<i>Acacia leiocalyx</i>	3.8	3.2	10		
590	-27.804378	153.09873	<i>Acacia leiocalyx</i>	3.8	3.2	10		
591	-27.804393	153.098757	<i>Acacia leiocalyx</i>	3.8	3.2	10		
592	-27.8044	153.098777	<i>Acacia leiocalyx</i>	3.8	3.2	10		
593	-27.80438	153.098723	<i>Acacia leiocalyx</i>	3.8	3.2	10		
594	-27.804375	153.098704	<i>Acacia leiocalyx</i>	3.8	3.2	10		

595	-27.804333	153.098661	<i>Acacia leiocalyx</i>	3.8	3.2	10		
596	-27.804352	153.098639	<i>Acacia leiocalyx</i>	3.8	3.2	10		
597	-27.804389	153.098619	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
598	-27.804401	153.098649	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
599	-27.804404	153.098624	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
600	-27.804451	153.098683	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
601	-27.804488	153.098639	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
602	-27.804482	153.098614	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
603	-27.804482	153.098592	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
604	-27.804473	153.098562	<i>Allocasuarina littoralis</i>	4.8	2.1	12		
605	-27.80445	153.098474	<i>Allocasuarina littoralis</i>	7.2	4.8	20		
606	-27.80443	153.09846	<i>Allocasuarina littoralis</i>	7.2	4.8	20		
607	-27.804385	153.098492	<i>Corymbia intermedia</i>	4.1	1	10		
608	-27.80438	153.09854	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
609	-27.804354	153.098519	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
610	-27.804344	153.098513	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
611	-27.804354	153.098555	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
612	-27.804326	153.098571	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
613	-27.804317	153.098575	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
614	-27.804315	153.098556	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
615	-27.80432	153.098552	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
616	-27.804325	153.098528	<i>Allocasuarina littoralis</i>	5.3	2.9	12		
617	-27.804292	153.098513	<i>Acacia leiocalyx</i>	5.2	4.9	15		
618	-27.804302	153.098531	<i>Acacia disparrima</i>	5.8	4.1	10		
619	-27.80433	153.098596	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
620	-27.804357	153.098606	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
621	-27.804362	153.098597	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
622	-27.804365	153.098601	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
623	-27.804337	153.098649	<i>Allocasuarina littoralis</i>	6.7	3.9	15		

624	-27.8043	153.098628	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
625	-27.80428	153.098621	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
626	-27.80423	153.098614	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
627	-27.804234	153.098616	<i>Allocasuarina littoralis</i>	6.7	3.9	15		
628	-27.804226	153.098613	<i>Allocasuarina littoralis</i>	6.7	3.9	18		
629	-27.804233	153.09859	<i>Acacia disparrima</i>	7.3	5.6	23		
630	-27.804245	153.098591	<i>Acacia disparrima</i>	7.3	5.6	25		
631	-27.804269	153.098677	<i>Acacia leiocalyx</i>	6.7	3.4	12		
632	-27.804283	153.098682	<i>Acacia leiocalyx</i>	6.7	3.4	12		
633	-27.804299	153.098702	<i>Acacia leiocalyx</i>	6.7	3.4	12		
634	-27.804302	153.098703	<i>Acacia leiocalyx</i>	6.7	3.4	12		
635	-27.804302	153.098704	<i>Acacia leiocalyx</i>	6.7	3.4	12		
636	-27.804213	153.098714	<i>Acacia leiocalyx</i>	6.7	3.4	12		
637	-27.804225	153.098742	<i>Acacia leiocalyx</i>	6.7	3.4	12		
638	-27.804231	153.098749	<i>Acacia leiocalyx</i>	6.7	3.4	12		
639	-27.804234	153.098751	<i>Acacia leiocalyx</i>	6.7	3.4	12		
640	-27.804309	153.098777	<i>Acacia leiocalyx</i>	7.6	4.1	22		
641	-27.804292	153.09881	<i>Acacia leiocalyx</i>	7.6	4.1	22		
642	-27.804286	153.098819	<i>Acacia disparrima</i>	6.7	3.2	12		
643	-27.804281	153.098826	<i>Acacia disparrima</i>	6.7	3.2	12		
644	-27.804333	153.098825	<i>Acacia disparrima</i>	6.7	3.2	12		
645	-27.80433	153.098812	<i>Acacia disparrima</i>	6.7	3.2	12		
646	-27.804329	153.098806	<i>Acacia disparrima</i>	6.7	3.2	12		
647	-27.80431	153.098776	<i>Acacia disparrima</i>	6.7	3.2	12		
648	-27.804337	153.098829	<i>Acacia disparrima</i>	6.7	3.2	12		
649	-27.80435	153.098841	<i>Acacia disparrima</i>	6.7	3.2	12		
650	-27.804353	153.098845	<i>Allocasuarina littoralis</i>	5.9	3.2	10		
651	-27.804347	153.098809	<i>Acacia leiocalyx</i>	6.7	3.8	15		
652	-27.804384	153.098829	<i>Allocasuarina littoralis</i>	4.4	3.8	12		

653	-27.80436	153.098934	<i>Acacia disparrima</i>	6.2	4.9	10x4		
654	-27.804354	153.098953	<i>Acacia disparrima</i>	7.6	5.1	25		
655	-27.80435	153.098973	<i>Acacia disparrima</i>	6.7	4.2	12		
656	-27.804354	153.098974	<i>Acacia disparrima</i>	6.7	4.2	12		
657	-27.804352	153.098978	<i>Acacia disparrima</i>	8.2	6	18		
658	-27.804367	153.098966	<i>Acacia disparrima</i>	8.2	6	18		
659	-27.804389	153.098967	<i>Acacia disparrima</i>	8.2	6	18		
660	-27.804371	153.098994	<i>Acacia disparrima</i>	8.2	6	18		
661	-27.804392	153.099012	<i>Acacia disparrima</i>	8.2	6	18		
662	-27.804411	153.099032	<i>Acacia leiocalyx</i>	8.1	5.6	25		
663	-27.804412	153.099084	<i>Acacia disparrima</i>	5.4	3.1	10		
664	-27.804446	153.099088	<i>Acacia disparrima</i>	7.1	4.8	12		
665	-27.804442	153.099125	<i>Acacia disparrima</i>	7.1	4.8	12		
666	-27.804441	153.099134	<i>Acacia disparrima</i>	6.1	4.7	15		
682	-27.804291	153.099005	<i>Acacia disparrima</i>	7.4	3.8	18		
683	-27.804277	153.099003	<i>Alphitonia excelsa</i>	7.6	5.4	18+12		
684	-27.804281	153.099038	<i>Corymbia intermedia</i>	9.4	4.8	20		
685	-27.803946	153.09894	<i>Corymbia intermedia</i>	12.4	7.8	25		
686	-27.803962	153.098924	<i>Corymbia intermedia</i>	9.4	4.9	18		
687	-27.803977	153.098973	<i>Angophora leiocarpa</i>	13.2	5	25		
688	-27.803967	153.098959	<i>Eucalyptus tereticornis</i>	15.2	4.4	30		
689	-27.803985	153.098842	<i>Alphitonia excelsa</i>	10.9	4.4	18		
690	-27.803995	153.098813	<i>Acacia disparrima</i>	12.2	5.6	20		
691	-27.804011	153.098773	<i>Alphitonia excelsa</i>	7.3	1.4	10		
692	-27.804017	153.098772	<i>Alphitonia excelsa</i>	7.3	1.4	10		
693	-27.804018	153.098773	<i>Corymbia intermedia</i>	7	2	10		
694	-27.804012	153.098771	<i>Eucalyptus tereticornis</i>	19.6	11	70+65		
695	-27.803994	153.098741	<i>Acacia disparrima</i>	9.3	5.4	18		
696	-27.803993	153.098728	<i>Acacia disparrima</i>	9.3	5.4	18		

697	-27.803988	153.098729	<i>Corymbia intermedia</i>	19.1	14.4	55	Strangled by <i>Hylocereus undatus</i>	Potential hollows
698	-27.803971	153.098737	<i>Angophora leiocarpa</i>	17.2	9.6	35		
699	-27.803969	153.098734	<i>Angophora leiocarpa</i>	18.2	10.2	50		Scratches
700	-27.803865	153.098759	<i>Corymbia intermedia</i>	10.8	8.1	30		
701	-27.804007	153.098658	<i>Eucalyptus robusta</i>	5.2	3.8	18		
702	-27.804008	153.098661	<i>Acacia disparrima</i>	7.6	3.4	12		
703	-27.804005	153.098664	<i>Acacia disparrima</i>	7.9	3.4	12		
704	-27.804013	153.098678	<i>Alphitonia excelsa</i>	6.1	3.4	10		
705	-27.804042	153.098706	<i>Alphitonia excelsa</i>	6.1	3.4	10x2		
706	-27.804039	153.098687	<i>Corymbia intermedia</i>	9.2	4.6	15+10		
707	-27.804047	153.098703	<i>Acacia disparrima</i>	5.4	2.8	10		
708	-27.804052	153.098715	<i>Angophora leiocarpa</i>	8.2	5.1	18		
709	-27.8041	153.098635	<i>Acacia disparrima</i>	3.7	4.4	10		
710	-27.804095	153.098659	<i>Acacia leiocalyx</i>	6.2	4.2	12		
711	-27.804092	153.098652	<i>Alphitonia excelsa</i>	5.4	4.2	12		
712	-27.804099	153.098649	<i>Acacia disparrima</i>	7.6	4.1	12.5		
713	-27.804111	153.098679	<i>Acacia disparrima</i>	7.6	4.1	12.5		
714	-27.804113	153.09873	<i>Acacia disparrima</i>	7.6	4.1	12.5		
715	-27.804157	153.098762	<i>Acacia disparrima</i>	7.6	4.1	12.5		
716	-27.804166	153.098681	<i>Acacia disparrima</i>	7.6	4.1	12.5		
717	-27.804175	153.098649	<i>Acacia disparrima</i>	7.6	4.1	12.5		
718	-27.80411	153.09866	<i>Acacia disparrima</i>	7.6	4.1	12.5		
719	-27.804108	153.098734	<i>Angophora leiocarpa</i>	10.8	2.1	15		
720	-27.804104	153.098736	<i>Corymbia intermedia</i>	10.8	4	18		
721	-27.804103	153.098736	<i>Corymbia intermedia</i>	10.8	4	18		
722	-27.804159	153.098739	<i>Corymbia intermedia</i>	8.1	4.6	12x2		
723	-27.804112	153.098737	<i>Alphitonia excelsa</i>	7.6	2.1	12		
724	-27.804106	153.098771	<i>Alphitonia excelsa</i>	7.6	2.1	12		

725	-27.804138	153.098764	<i>Alphitonia excelsa</i>	7.6	2.1	12		
726	-27.804136	153.098768	<i>Alphitonia excelsa</i>	7.6	2.1	12		
727	-27.80408	153.098769	<i>Alphitonia excelsa</i>	7.6	2.1	12		
728	-27.804059	153.098775	<i>Alphitonia excelsa</i>	7.6	2.1	12		
729	-27.804045	153.098795	<i>Alphitonia excelsa</i>	7.6	2.1	12		
730	-27.804055	153.098809	<i>Alphitonia excelsa</i>	9.4	4.8	18		
731	-27.804056	153.098833	<i>Eucalyptus robusta</i>	14.2	3.8	20		
732	-27.80405	153.098892	<i>Eucalyptus robusta</i>	14.2	3.9	20		Termites
733	-27.804107	153.098871	<i>Alphitonia excelsa</i>	6.2	5.7	18	Lean	
734	-27.804107	153.098888	<i>Angophora leiocarpa</i>	12.6	5.2	18		
735	-27.804112	153.098869	<i>Corymbia intermedia</i>	10.3	4.6	18	Strangled by <i>Hylocereus undatus</i>	
736	-27.804132	153.098867	<i>Alphitonia excelsa</i>	10.2	6.5	18	Crown-loss	
737	-27.804157	153.098805	<i>Lophostemon suaveolens</i>	8.2	4.2	15		
738	-27.804185	153.098766	<i>Alphitonia excelsa</i>	5.8	3.4	12		
739	-27.804196	153.098788	<i>Alphitonia excelsa</i>	6.1	2.1	12		
740	-27.804236	153.09881	<i>Alphitonia excelsa</i>	5.6	2.4	10		
741	-27.804243	153.098811	<i>Alphitonia excelsa</i>	5.6	2.4	10		
742	-27.804243	153.098812	Standing dead wood	3		12		
743	-27.804243	153.098819	<i>Corymbia intermedia</i>	8	3.2	12	Strangled by <i>Hylocereus undatus</i> and lean	
744	-27.804235	153.098824	<i>Corymbia intermedia</i>	8	3.2	15	Strangled by <i>Hylocereus undatus</i> and lean	
745	-27.804239	153.09884	<i>Alphitonia excelsa</i>	7.1	3.4	12	Strangled by <i>Hylocereus undatus</i>	
746	-27.804237	153.098857	<i>Angophora leiocarpa</i>	7.4	4.7	18		
748	-27.804217	153.098896	<i>Acacia disparrima</i>	11.2	4.7	20		
749	-27.804159	153.098901	<i>Lophostemon suaveolens</i>	7.1	4.1	15		
750	-27.80415	153.098937	<i>Lophostemon suaveolens</i>	6.1	3.4	10		
751	-27.804152	153.098947	<i>Alphitonia excelsa</i>	9.8	5.2	20		
753	-27.804134	153.09895	<i>Angophora leiocarpa</i>	6.89	3.4	12		

754	-27.804132	153.098952	<i>Alphitonia excelsa</i>	6.7	3.4	10		
755	-27.804138	153.098965	<i>Eucalyptus major</i>	12.4	6.2	25		Scratches
756	-27.804112	153.098982	<i>Corymbia intermedia</i>	8.2	2.2	12		
757	-27.80412	153.098969	<i>Corymbia intermedia</i>	9.4	3.6	15+10		
758	-27.804133	153.098958	<i>Lophostemon suaveolens</i>	6.8	4.2	15+12		
759	-27.804145	153.098969	<i>Angophora leiocarpa</i>	12.4	5.6	22		
760	-27.804163	153.09898	<i>Angophora leiocarpa</i>	8.1	3.4	18		
761	-27.804177	153.098985	<i>Alphitonia excelsa</i>	8.6	6.4	12		
762	-27.804179	153.098981	<i>Corymbia intermedia</i>	11.8	2.4	15		
763	-27.804182	153.098976	<i>Alphitonia excelsa</i>	6.6	4.2	12		
764	-27.804188	153.098971	<i>Corymbia intermedia</i>	12.3	6.4	25+20		
765	-27.804224	153.099029	<i>Eucalyptus tereticornis</i>	6.3	2.1	12		
766	-27.804233	153.099046	<i>Alphitonia excelsa</i>	8.4	4.7	15	Strangled by <i>Hylocereus undatus</i>	
767	-27.80425	153.099056	<i>Acacia disparrima</i>	9.8	4.9	20		
768	-27.804259	153.099046	Fallen dead wood	1	5	5	Strangled by <i>Hylocereus undatus</i>	
769	-27.804285	153.099073	<i>Alphitonia excelsa</i>	8.7	3.4	18		
770	-27.804284	153.099078	<i>Alphitonia excelsa</i>	6.7	2.4	10		
771	-27.804313	153.099096	Standing dead wood	5		15		
772	-27.804325	153.099082	<i>Acacia disparrima</i>	7.2	3.8	12		
773	-27.804329	153.099127	Standing dead wood	10		40		
774	-27.804299	153.099166	<i>Acacia disparrima</i>	10.2	4.7	30	Strangled by <i>Hylocereus undatus</i>	
775	-27.80437	153.099131	<i>Acacia disparrima</i>	10.3	6.8	25		
776	-27.804309	153.099063	<i>Angophora leiocarpa</i>	13.2	6.2	22		
777	-27.804304	153.099083	<i>Alphitonia excelsa</i>	9.6	5.8	20		
778	-27.804303	153.099094	<i>Angophora leiocarpa</i>	6.4	3.1	12	Strangled by <i>Hylocereus undatus</i>	
779	-27.804306	153.099111	<i>Eucalyptus tereticornis</i>	10.3	2.4	15		
780	-27.804306	153.099156	<i>Eucalyptus seeana</i>	10.3	4.1	18		

781	-27.804299	153.099171	<i>Lophostemon suaveolens</i>	6.9	3.8	15		
782	-27.804316	153.09918	<i>Acacia disparrima</i>	10.4	4.2	18	Strangled by <i>Hylocereus undatus</i>	
783	-27.804303	153.099199	<i>Acacia disparrima</i>	10.4	4.2	18	Strangled by <i>Hylocereus undatus</i>	
784	-27.804297	153.099219	<i>Acacia disparrima</i>	10.4	4.2	18	Strangled by <i>Hylocereus undatus</i>	
785	-27.804305	153.099214	<i>Acacia disparrima</i>	10.4	4.2	18	Strangled by <i>Hylocereus undatus</i>	
786	-27.804287	153.099241	<i>Acacia disparrima</i>	10.4	4.2	18		
787	-27.804308	153.099258	<i>Eucalyptus tereticornis</i>	10.8	3.6	15		
788	-27.804067	153.098941	<i>Eucalyptus tereticornis</i>	12.6	8	30		
789	-27.80408	153.098959	<i>Eucalyptus tereticornis</i>	12.6	6	20		
790	-27.804082	153.098949	<i>Lophostemon suaveolens</i>	7.4	3.8	12		
791	-27.804079	153.098972	<i>Alphitonia excelsa</i>	8.4	3.4	12		
792	-27.804073	153.098992	<i>Corymbia trachyphloia</i>	16.5	8	90	Strangled by <i>Hylocereus undatus</i> and dieback	Potential hollows
793	-27.804035	153.099029	<i>Eucalyptus seeana</i>	20.4	12.6	60		
794	-27.803951	153.099039	<i>Ficus obliqua</i>	16.4	16.4	100+100+30		
795	-27.804106	153.099158	<i>Alphitonia excelsa</i>	6	4	18		
796	-27.804113	153.099152	<i>Corymbia intermedia</i>	6	2	10		
797	-27.804115	153.099154	<i>Corymbia intermedia</i>	8.8	2.2	12		
799	-27.804184	153.099187	<i>Angophora leiocarpa</i>	18.4	9.8	55		
800	-27.804199	153.099253	<i>Eucalyptus tereticornis</i>	17	6	40		
801	-27.804213	153.099293	<i>Lophostemon suaveolens</i>	8.9	4.2	15		
802	-27.804211	153.099305	Standing dead wood	14		30		
803	-27.804209	153.099284	<i>Lophostemon suaveolens</i>	8.2	1	10	Strangled by <i>Hylocereus undatus</i>	
804	-27.804156	153.099299	<i>Angophora leiocarpa</i>	8.6	3.2	15	Lean	
805	-27.80414	153.099301	<i>Eucalyptus tereticornis</i>	17.4	12	45		Potential hollows
806	-27.804114	153.099248	<i>Eucalyptus robusta</i>	14.4	5.8	30		
807	-27.804079	153.099324	<i>Eucalyptus tereticornis</i>	16.4	9	40		

808	-27.80441	153.09963	<i>Allocasuarina littoralis</i>	9.6	5.8	15		
809	-27.804431	153.099635	<i>Eucalyptus tereticornis</i>	8.9	4.2	15		
810	-27.804492	153.09959	<i>Allocasuarina littoralis</i>	7.4	1.8	10		
811	-27.804499	153.099586	<i>Allocasuarina littoralis</i>	7.4	1.8	10		
812	-27.804518	153.099579	<i>Allocasuarina littoralis</i>	7.4	1.8	10		
813	-27.80459	153.099645	<i>Acacia disparrima</i>	8.4	10.4	35	Overmature	
814	-27.804737	153.099869	<i>Acacia disparrima</i>	8.4	9.6	25		
815	-27.804751	153.099851	<i>Acacia disparrima</i>	8.4	5.2	20		
816	-27.804783	153.099687	<i>Acacia disparrima</i>	8.6	5.4	18		
817	-27.804783	153.099677	<i>Acacia disparrima</i>	8.6	9.2	22		
818	-27.804742	153.099316	Standing dead wood	6		15x2		
819	-27.804738	153.099243	<i>Angophora leiocarpa</i>	5.8	5.2	15x2		
820	-27.804683	153.099173	<i>Angophora leiocarpa</i>	4.9	1.9	10		
821	-27.804671	153.099123	<i>Angophora leiocarpa</i>	4.8	4.8	12		
822	-27.804656	153.099072	<i>Acacia disparrima</i>	5.4	5.9	22+12		
823	-27.80467	153.099059	<i>Acacia disparrima</i>	5.8	5.8	40		
824	-27.804675	153.09901	<i>Acacia disparrima</i>	5.8	5.8	40		
825	-27.804665	153.098957	<i>Acacia disparrima</i>	5.8	6	18x2+10		
826	-27.80462	153.098909	<i>Corymbia intermedia</i>	5	2	10		
827	-27.804614	153.098913	<i>Acacia disparrima</i>	6	5	12		
828	-27.804615	153.098908	<i>Eucalyptus seeana</i>	6	2	10		
829	-27.804608	153.098873	Standing dead wood	4.5		12		
830	-27.804602	153.098827	<i>Acacia disparrima</i>	5.2	3	12		
831	-27.804602	153.098826	<i>Acacia disparrima</i>	5.2	3	12		
832	-27.804603	153.098805	<i>Acacia disparrima</i>	5.2	3	12		
833	-27.804098	153.098614	<i>Corymbia intermedia</i>	5.4	2	12		
834	-27.802612	153.099043	<i>Corymbia intermedia</i>	15.2	9.6	75		
835	-27.802818	153.099113	<i>Corymbia intermedia</i>	8	4	12		
836	-27.802851	153.099341	<i>Allocasuarina littoralis</i>	6	3	12		

838	-27.802716	153.099202	<i>Allocasuarina littoralis</i>	5.4	3.6	12		
839	-27.802712	153.099207	<i>Allocasuarina littoralis</i>	8.1	3.2	12		
840	-27.802705	153.099215	<i>Acacia disparrima</i>	7.6	5.2	18		
841	-27.802736	153.099239	<i>Allocasuarina littoralis</i>	5.1	3.2	10		
842	-27.802738	153.09924	<i>Allocasuarina littoralis</i>	4.5	5.1	12		
843	-27.802734	153.099242	<i>Lophostemon suaveolens</i>	7.9	2.8	15		
844	-27.802733	153.099244	<i>Eucalyptus seeana</i>	8.4	3.3	18		
845	-27.802716	153.099263	<i>Acacia disparrima</i>	9.1	6.6	30	Lean and over-mature	
846	-27.802735	153.099289	<i>Allocasuarina littoralis</i>	5.9	4.1	15		
847	-27.802662	153.099347	<i>Eucalyptus seeana</i>	8.1	5.2	18		
848	-27.802615	153.099416	<i>Alphitonia excelsa</i>	6.1	4.4	15		
849	-27.802604	153.099477	<i>Acacia disparrima</i>	8.1	7	18+12		
850	-27.802601	153.099477	<i>Acacia disparrima</i>	6.9	6	15		
851	-27.802623	153.099497	Fallen dead wood	9.4	8.6	30		
852	-27.802681	153.099464	<i>Acacia disparrima</i>	9.4	8.6	30		
853	-27.802679	153.099452	<i>Acacia disparrima</i>	9.5	4.8	22		
854	-27.802717	153.099435	<i>Lophostemon suaveolens</i>	6.1	7.2	12		
855	-27.802715	153.099438	<i>Acacia disparrima</i>	9.4	7.8	35	Lean and over-mature	
856	-27.802722	153.099442	<i>Acacia disparrima</i>	8.8	6	15+12		
857	-27.802767	153.099461	<i>Lophostemon suaveolens</i>	4.9	3	12		
858	-27.802774	153.099399	<i>Eucalyptus seeana</i>	7.1	5.8	18	Trunk damage	
859	-27.802747	153.099496	<i>Acacia disparrima</i>	5.4	7.6	15	Lean	
860	-27.802764	153.099579	<i>Corymbia intermedia</i>	10.2	6.8	30		
861	-27.802771	153.099577	Standing dead wood	6		18+10x2		
862	-27.802781	153.099587	<i>Corymbia intermedia</i>	4.8	3.2	12		
863	-27.802783	153.099603	<i>Acacia disparrima</i>	5.1	4.2	10		
864	-27.802802	153.099621	<i>Corymbia intermedia</i>	4.9	2.1	12		
865	-27.802816	153.099562	<i>Allocasuarina littoralis</i>	5.9	4.1	10		
866	-27.802824	153.099664	<i>Allocasuarina littoralis</i>	9.2	3	10		

867	-27.802829	153.099683	<i>Allocasuarina littoralis</i>	9.2	3	10		
868	-27.802841	153.099677	<i>Acacia disparrima</i>	7.4	7.6	25+20+10	Lean	
869	-27.802835	153.099736	<i>Eucalyptus seeana</i>	5.8	4.4	15		
870	-27.802834	153.099783	<i>Lophostemon suaveolens</i>	4.4	2.8	12		
871	-27.802832	153.09982	<i>Lophostemon suaveolens</i>	4.1	2.7	10		
872	-27.802885	153.099835	<i>Acacia leiocalyx</i>	5.1	6.4	18+15+10	Forked trunk	
873	-27.802882	153.099929	Fallen dead wood	2.4	7			
874	-27.8029	153.09995	<i>Eucalyptus seeana</i>	9.8	6.4	35		
875	-27.802859	153.099955	<i>Acacia disparrima</i>	3.8	4.2	10		
876	-27.802864	153.099964	Fallen dead wood	2.5	6.9			
877	-27.8029	153.100089	<i>Acacia disparrima</i>	5.4	6.2	18x2		

2.3 Habitat Values

All trees were assessed for habitat values which included collecting data on observations of hollows, scratch marks, pock marks, arboreal termite's nests, bird's nests and animal scats. Some of the assessed vegetation did display evidence of recent arboreal faunal activity, particularly from koalas, possums and goanna. These have been identified on the previous table and are also presented on Figure 3.

2.4 Weed Species

High densities of weeds were identified within the subject area, particularly where additional sunlight and nutrients provide ideal conditions for growth. Historical clearing of the ground stratum and historic changes in land use have encouraged the colonisation of exotic ground layer species.

Table 6 Common Weeds Identified Within the Survey Area

Botanical Name	Common Name	Qld Land Protecn. (Pest & Stock Route Man'ment) Act 2002 [1 July 2003]	Env Weed Rank	Env Weed Score
<i>Agave</i> sp.			143	3.7
<i>Asparagus africanus</i>	Climbing Asparagus	Class 3	6	4.9
<i>Asparagus</i> sp.	Asparagus Fern			
<i>Bougainvillea</i> sp.	Bougainvillea			
<i>Bryophyllum delagoense</i>	Mother of Millions	Class 2	3	4.9
<i>Calliandra pulcherrima</i>	Powder Puff			
<i>Delonix regia</i>	Royal Poinciana			
<i>Erythrina indica</i>	Coral Tree			
<i>Euphorbia pulcherrima</i>	Poinsettia			
<i>Hedychium</i> sp.	Ginger			
<i>Jacaranda mimosifolia</i>	Jacaranda		156	3.4
<i>Koeleria paniculata</i>	Golden Rain Tree			
<i>Lantana camara</i>	Lantana	Class 3	1	5
<i>Lantana montevidensis</i>	Creeping Lantana	Class 3	18	4.8
<i>Melinis minutiflora</i>	Molasses Grass		38	4.5
<i>Melinis repens</i>	Red Natal Grass		65	4.1
<i>Musa</i> cv.	Banana			
<i>Nephrolepis cordifolia</i>	Fishbone Fern			
<i>Ochna serrulata</i>	Ochna		22	4.5
<i>Cascabela</i> sp.	Oleander			
<i>Paspalum</i> sp.				
<i>Passiflora subpeltata</i>	White Passionflower		63	3.9
<i>Phyllostachys</i> spp.	Bamboo			
<i>Pinus elliottii</i>	Slash Pine		44	4.3
<i>Plumeria rubra</i>	Common Frangipani			
<i>Schlumbergera</i> sp.	zygocactus			
<i>Sechium edule</i>	Choko Vine			
<i>Setaria sphacelata</i>	South African Pigeon		85	3.8

	Grass			
<i>Sida cordifolia</i>	Flannel Weed			
<i>Sorghum halepense</i>	Johnson Grass			
<i>Strelitzia reginae</i>	Bird of Paradise Flower			
<i>Syagrus romanzoffiana</i>	Cocos Palm		92	3.9
<i>Schefflera actinophylla</i>	Umbrella Tree			

Pest plant management is legislated by the Queensland State Government under the *Land Protection (Pest and Stock Route) Management Act 2002*. This state legislation directly determines pest plants and regulates their possession, cultivation, sale, and spread.

Pest plants are classified under 3 classes:

- **Class 1 Pest plants** are serious weeds that are either not present or not generally established in Queensland and have the potential to cause extreme damage to economy, social well-being and environment. All landholders are required by law to keep their land free of Class 1 pests.
- **Class 2 Pest plants** are generally established in Queensland and are responsible for the majority of economic and social impacts caused by weeds. Landholders are responsible for treating infestations to prevent spread to other properties and working towards removing the infestation.
- **Class 3 Pest plants** are environmental weeds generally well established in Queensland and are responsible for the majority of environmental impacts caused by weeds. The management objective of all C3 weeds is containment and reduction in and adjacent to Environmentally Significant Areas (ESAs) (*The LP Act 2002* provides a list of criteria by which an ESA is determined).

All weeds will be removed during clearing and civil earthworks.

2.5 Significant Fauna

No significant EVNT species as listed under either the *Nature Conservation Act 1992* or *Environmental Protection (and Biodiversity) Act 1999* were observed within the proposed development footprint. Opportunistic searches were undertaken for avifauna, amphibious species and herpetofauna during the investigation period. This involved searching suitable habitat over the entire site and assessing every native tree on the site for evidence of scats, scratches and dreys/ nests. Active searches were undertaken primarily throughout VT1 and to a lesser extent in VT2 and VT3, due to the higher abundance of native vegetation and better habitat opportunities identified in VT1.

Although some of the site has been cleared, this site still provides habitat value with existing nesting and roosting opportunities for birds and some arboreal mammals. There is scrub and native undergrowth in areas, which may support reptiles or small terrestrial mammals with loose debris and relatively low numbers of fallen logs. This shrub and ground layer vegetation is likely to support numerous habitats for insects and invertebrates. This in turn provides a feed resource for insectivorous birds such as flycatchers, bee eaters and other omnivorous species.

At the landscape scale the vegetation on the subject site forms an island that does not connect to surrounding communities due to fragmentation by urbanisation and peri-urban farming. At the site scale, vegetation on and adjacent to the subject site is bound by existing development to the north, south and east and by Waterford –Tamborine Road to the west. On the subject site, the native ground-layer and understorey is providing reasonable habitat and open areas are providing

foraging opportunities for macropods. This is evident through the high abundance of macropod scats that were observed in these areas. Towards the southern and northern boundary the leaf litter and fallen logs in the ground-layer increases, providing habitat for ground dwelling fauna. High abundance of the Grass Skink *Lampropholis delicata* was observed throughout these sections.

The vegetation adjacent to the subject site is largely absent and this has resulted in a bird assemblage typically found in urban areas, such as the Torresian Crow *Corvus orru* and Noisy Miner *Manorina melanocephala*.

With regards to mammals recorded on the site, no terrestrial mammals were directly observed during the survey period, despite evidence of scratches and scats scattered over the subject site.

The subject site is clearly providing foraging opportunities for common fauna species however no specific roosting activities were observed during the site assessment period. A number of features able to provide critical habitat e.g. hollows for breeding, were observed on some of the larger trees. These were mapped and are identified on Figure 1. Also evident are numerous glider scats on site, indicating their presence on either a permanent or transient basis. Due to the small size of the site, no specific management regimes or mitigation measures are proposed with regards to the removal of canopy vegetation over the site with the exception of the requirement for a spotter-catcher to undertake a detailed assessment of trees prior to felling and for the same spotter catcher to be present during Operational works (Tree Clearing). Tree clearing should also occur in a north to south direction.

With the exception of the introduced pest species Cane Toad *Rhinella marina*, no native amphibian species were recorded during the survey period. No waterways or drainage lines are located the site although a dry man made dam was observed and can be described as highly degraded and too dry to support populations of native amphibians or to act as marginal habitat or foraging areas.

The following table presents species identified during the survey period and the method of identification.

Table 7 Fauna Species Identified the Survey Area

FAMILY	Genus and Species	Common Name	Method* *	NCA1 *	EPBC 2*
AVES					
Artamidae	<i>Gymnorhina tibicen</i>	Australian Magpie	O	C	C
Artamidae	<i>Cracticus torquatus</i>	Grey Butcherbird	O	C	C
Artamidae	<i>Cracticus nigrogularis</i>	Pied Butcherbird	O	C	C
Artamidae	<i>Strepera graculina</i>	Pied Currawong	O	C	C
Columbidae	<i>Ocyphaps lophotes</i>	Crested Pigeon	O	C	C
Corvidae	<i>Corvus orru</i>	Torresian Crow	O	C	C
Dicruridae	<i>Rhipidura rufifrons</i>	Rufous Fantail	O	C	C
Dicruridae	<i>Rhipidura fuliginosa</i>	Grey Fantail	O	C	C
Dicruridae	<i>Grallina cyanoleuca</i>	Magpie-Lark	O	C	C
Dicruridae	<i>Rhipidura leucophrys</i>	Willie Wagtail	O	C	C
Halcyonidae	<i>Dacelo novaeguineae</i>	Laughing Kookaburra	O	C	C
Hirundinidae	<i>Hirundo neoxena</i>	Welcome Swallow	O	C	C
Maluridae	<i>Malurus melanocephalus</i>	Red-backed Fairy-wren	O	C	C
Meliphagidae	<i>Lichmera indistincta</i>	Brown Honeyeater	O	C	C

FAMILY	Genus and Species	Common Name	Method* *	NCA1 *	EPBC 2*
Meliphagidae	<i>Philemon corniculatus</i>	Noisy Friarbird	O	C	C
Meliphagidae	<i>Manorina melanocephala</i>	Noisy Miner	O	C	C
Pachycephalidae	<i>Pachycephala rufiventris</i>	Rufous Whistler	O	C	C
Pardalotidae	<i>Pardalotus striatus</i>	Striated Pardalote	O	C	C
Passeridae	<i>Neochmia temporalis</i>	Red-Browed Finch	O	C	C
Passeridae	<i>Taeniopygia bichenovii</i>	Double-Barred Finch	O	C	C
Psittacidae	<i>Trichoglossus haematodus</i> <i>haematodus</i>	Rainbow Lorikeet	O	C	C
MAMMALS					
Phalangeridae	<i>Trichosurus vulpecula</i>	Common Brushtail Possum	C	C	C
Macropodidae	<i>Macropus giganteus</i>	Eastern Grey Kangaroo	O	C	C
Macropodidae	<i>Macropus rufogriseus</i>	Red-Necked Wallaby	O	C	C
Canidae	<i>Vulpes vulpes</i>	Red Fox	O	C	C
Canidae	<i>Canis familiaris</i>	Dog (wild)	O	C	C
Petauridae	<i>Petaurus sp.</i>	Glider	S	C	C
Peramelidae	<i>Perameles nasuta</i>	Long-nose Bandicoot	S	C	C
REPTILES					
Scincidae	<i>Lampropholis delicata</i>	Grass Skink	O	C	C
Varanidae	<i>Varanus sp.</i>	Goanna	O	C	C
Agamidae	<i>Physignathus lesueurii</i>	Eastern Water Dragon	O	C	C
Elapidae	<i>Pseudonaja textilis</i>	Eastern Brown Snake	O	C	C
AMPHIBIANS					
Bufonidae	<i>Rhinella marina</i>	Cane Toad	O	C	C

** V= Vocalisations, O= Observed, C= Evidence such as scats, tracks or scratches

3 Vegetation and fauna management

3.1 General vegetation protection

During construction on site, disturbance to areas of retained vegetation is prohibited. Whereby disturbance includes the following:

- Earthworks, cut, fill and erosion
- Movement and/or storage of machinery and equipment
- Dumping of site waste, including vegetation waste and soil
- Native vegetation removal (directly or indirectly by mechanical removal or herbicide application)
- Introduction of non-native species (weeds).

Retained vegetation is to be marked with flagging tape or will be located behind vegetation protection/safety fencing as delineated in this plan (refer to Figure 3 for details).

Trees require protection from earth works and construction activities on the site. Adequate protection measures should include, but are not limited to, the following:

- Fenced tree protection zone (TPZ)

- Maintenance of adequate soil moisture levels within root protection zones
- Where required, stem wraps or other devices to protect trunk and branches from damage during specific construction activities
- Compaction bridging to protect tree roots from soil compaction and compression damage
- Correct treatment, under arboricultural supervision, of any roots that may be exposed
- Correct treatment, under arboricultural supervision, of any other damage that may occur.

Tree protection measures and TPZ fencing should be installed before any earthworks or construction activities begin. A pre-start inspection shall be carried out to ensure adequate protection measures are in place.

3.2 Significant Sized Trees

A number of mature eucalypt species (greater than 50 cm DBH), of an age where hollows begin to form, were observed in the dominant vegetation community. Eucalypt trees of this size are generally approximately 100 years old (Ross, 1998), and are of an age where hollows suitable for wildlife habitat are likely to form. Hollows are valuable to a number of species of wildlife including arboreal and terrestrial mammals, birds and microbats (Douglas, 2003). Evidence of arboreal mammal activity was noted through scratchings on trees and scats at tree bases. Where feasible, these trees should be retained although, due to the small size of the site, it is noted that retention of these trees may not be possible. Given this, there is a requirement for a spotter-catcher to assess all trees prior to felling and be present during Operational works (Tree Clearing). A site specific fauna management plan should be developed and endorsed prior to commencement of any works on site. Tree clearing should also occur in a north to south direction.

3.3 Tree Protection Zone (TPZ)/Safety Fencing

Vegetation protection/safety fencing or similar is to be erected around areas of retained vegetation and individual retained trees, to the outer drip line (or in instances where the drip line will be impacted, to the edge of proposed works). It shall remain in place before and during construction to prevent disturbance of or damage to the retained vegetation, understory and root zones. Refer to Figure 1 for the location of required tree protection fencing. Fencing must be installed by the civil works contractor and inspected prior to commencement of any works on the subject site. In summary:

- Tree protection/safety fencing must be installed prior to all construction works and must be retained in place during the construction period
- Tree protection/safety fencing will ideally consist of 2-metre high weldmesh temporary builders' fence (relocatable panels) or other approved fencing (refer to Figure 3) to the limit of the canopy drip-line or the edge of proposed works (or as per Australian Standard 4970:2009, where applicable). Alternative fencing materials will be utilised where specific site conditions (such as sloping, boggy or unstable ground) exist.
- When required, fences may be erected around distinct groups of trees or at the limit of works (Fencing trees in groups ensures that the maximum volume of soil shared by forest grown trees is protected during the construction)

- Signs should be erected on the exterior of the fence that clearly indicate the tree protection zone and that no entry is permitted inside the fence
- With few exceptions, work is not permitted within the drip zones of protected vegetation to reduce impacts on surface and feeder roots
- A 'duty of care' is applied to all contractors and sub-contractors in regard to the protection and retention of indicated trees as noted within this plan
- No removal of trees can occur prior to the endorsement of a VMP (this report), prepared in accordance with the OSS
- The Civil Contractor is to obtain a copy of approval prior to any construction
- Tree removals will be carried out in such a way as to prevent damage to above and below-ground parts of any adjacent trees that are to be retained.

3.4 Protection of Significant Flora

No significant EVNT species as listed under either the *Nature Conservation Act 1992* or *Environmental Protection (and Biodiversity) Act 1999* were observed within the proposed development footprint.

3.5 Fauna Management

Although no EVNT fauna species were observed, the following recommendations shall be adhered to:

- Vegetation is to be removed gradually in a east to west east direction (refer to Figure 2) to allow fauna time to relocate and to allow an uninterrupted path of exit from the site:
 - The clearing of the site will occur in a controlled and precise manner to reduce the direct impacts on any fauna populations within the region
 - Clearing shall occur from developed areas towards areas of vegetation to be retained or bordering the site, using a staged clearing method
 - Due to the location of housing to the north and east of the subject area, clearing shall be conducted in such a manner that fauna is flushed in a south eastward direction. Care must be taken around the previously cleared areas to the south to ensure fauna escapes in the correct direction
 - Flushing animals towards roads, housing or populated areas shall be avoided
 - Staged clearing is a method of removing trees where operational works are conducted in discrete sections which ensures fauna are provided with sufficient time and space to move from the clearing site of their own accord, without their physical removal by a spotter catcher. This will reduce stress and ensure that fauna is not flushed out into an exposed area or disturbed needlessly
 - A qualified spotter catcher is assigned to each piece of machinery
 - A qualified spotter catcher must be employed to inspect felled trees for arboreal mammals prior to mulching
 - If a tree is identified containing fauna, it must be either allowed to move from the site on its own accord or be removed and relocated by the spotter catcher

- To improve chances of survival, animals must not be relocated long distances
- Koalas cannot be physically removed, but must move on their own accord.
- Clearing shall be undertaken in a sequential manner, with fauna management works planned prior to machinery arriving on site for the day
- Injured fauna to be placed in an adequately ventilated box in a quiet and shady location and taken to Queensland Parks and Wildlife Service (QPWS)/veterinary surgery or registered wildlife carer for treatment
- If conflicts occur during clearing works, the requirements of the spotter-catcher will take precedence over clearing requirements

Refer to Figure 2 for direction of clearing. It is crucial that clearing be conducted as per Figure 2 as the site is adjacent to existing residential development and the previously cleared areas with minimal floral cover. All staff must discuss clearing with the Spotter Catcher or Natura Consulting staff prior to commencing works. Appendix B provides a summary of Fauna Management Actions, which is to provide to site contractors prior to commencing works. For further details on Koala management, refer to the Yarrabilba Koala Management Plan by Austecology (2012).

3.6 Mulching of Felled Trees

Cleared trees to be felled should be mulched for use onsite in revegetation and landscape works. Mulch must be allowed to age for at least 6-8 weeks before use to allow the breakdown of the material and the leaching of tannins. Mulch should be stockpiled in an open area. However, the site project manager must ensure it is not stored not within 10 metres of the waterbody (gully) or within a fire risk area. The final location shall confirmed by the civil contractor's site project manager.

3.7 Sediment Fencing

To ensure that sediment runoff does not impact water quality, sediment fences are to be installed down-slope of the proposed works areas and denuded or topsoil areas (i.e. turfed areas). The fencing is to be installed to relevant Australian Standards prior to disturbance/construction. The Civil site contractor is to determine the locations on-site or in accordance with an approved Stormwater Management Plan.

4 Certification

This report is consistent with relevant industry standards and clearly identifies a number of conditions relating to:

- Project coordination and prestart meetings
- Tree protection measures during works
- Requirements for vegetation removal
- Vegetation management post works
- Recycle and reuse of site material
- Mulch storage and use
- Weed management
- Fauna management

These conditions must be adhered to pre, during and post construction works,



Kieran Richardt
Senior Environmental Scientist
Natura Consulting

5 Bibliography

Austecology (2012) Koala Management Plan Yarrabilba UDA.

DSEWPC (2011) *Protected Matters Search Tool*. Department of Sustainability, Environment, Water, Pollution and Communities, Canberra.

EHP. 2012. Regional Ecosystems Mapping. Department of Environment and Heritage Protection, Queensland Government, Brisbane, Queensland.

EHP. 2012. Wildlife Online. Department of Environment and Heritage Protection, Queensland Government, Brisbane, Queensland.

Batianoff, G. N., Butler, D. W. (2002). Assessment of invasive naturalised plants of southeast Queensland. *Plant Protection Quarterly* 17:1.

Big Scrub Rainforest Landcare Group. (2000) Common Weeds of Northern NSW Rainforest: A practical manual on their identification and control. Big Scrub Rainforest Landcare Group, Bangalow, NSW.

Big Scrub Rainforest Landcare Group. (2005) Subtropical Rainforest Restoration 2nd Edition. Big Scrub Rainforest Landcare Group, Bangalow, NSW.

Design Flow. (2012). Yarrabilba Stormwater Infrastructure Master Plan, for Lend Lease.

Lend Lease. (2011.) Yarrabilba Draft Land Management Plan.

McDonald, R. C., Isbell, R. F., Speight, J. G., Walker J., and Hopkins M. S. (2005). *Australian Soil and Land Survey Handbook*. Department of Agriculture, Fisheries and Forestry, Canberra.

Natura Consulting, (2011). Natural Environment Site Strategy.

Natura Consulting, (2011). Fauna Corridor Master Plan.

Natura Consulting (2014). Ecological and Koala Assessment Lot 1 RP78883, for Lend Lease.

Transport and Main Roads (TMR). (2002). Fauna Sensitive Road Design. Volume 1, Past and Existing Practices. Queensland Department of Main Roads, Planning, Design and Environment Division.

Urban Land Development Authority. (2011). Draft ULDA Guideline 14 – Environment and Natural Resources Sustainability.

Urban Land Development Authority. (2011). ULDA Guideline 17 – Remnant Vegetation and Koala Habitat Obligations in Greater Flagstone and Yarrabilba UDA's.



 NATURA CONSULTING				Figure 1: Vegetation Types and Significant Tree Locations				Legend  Site Boundary  VT1  VT2  VT3  Significant Trees		
Natura Pacific PO Box 2959, Burleigh BC www.natura-consulting.com info@natura-consulting.com Ph. (07) 5576 5568				Job Number: NCO14-0022	Drawn: MB					Date: 18/06/2014
Client: Lend Lease				Checked: KR	Paper: A3					

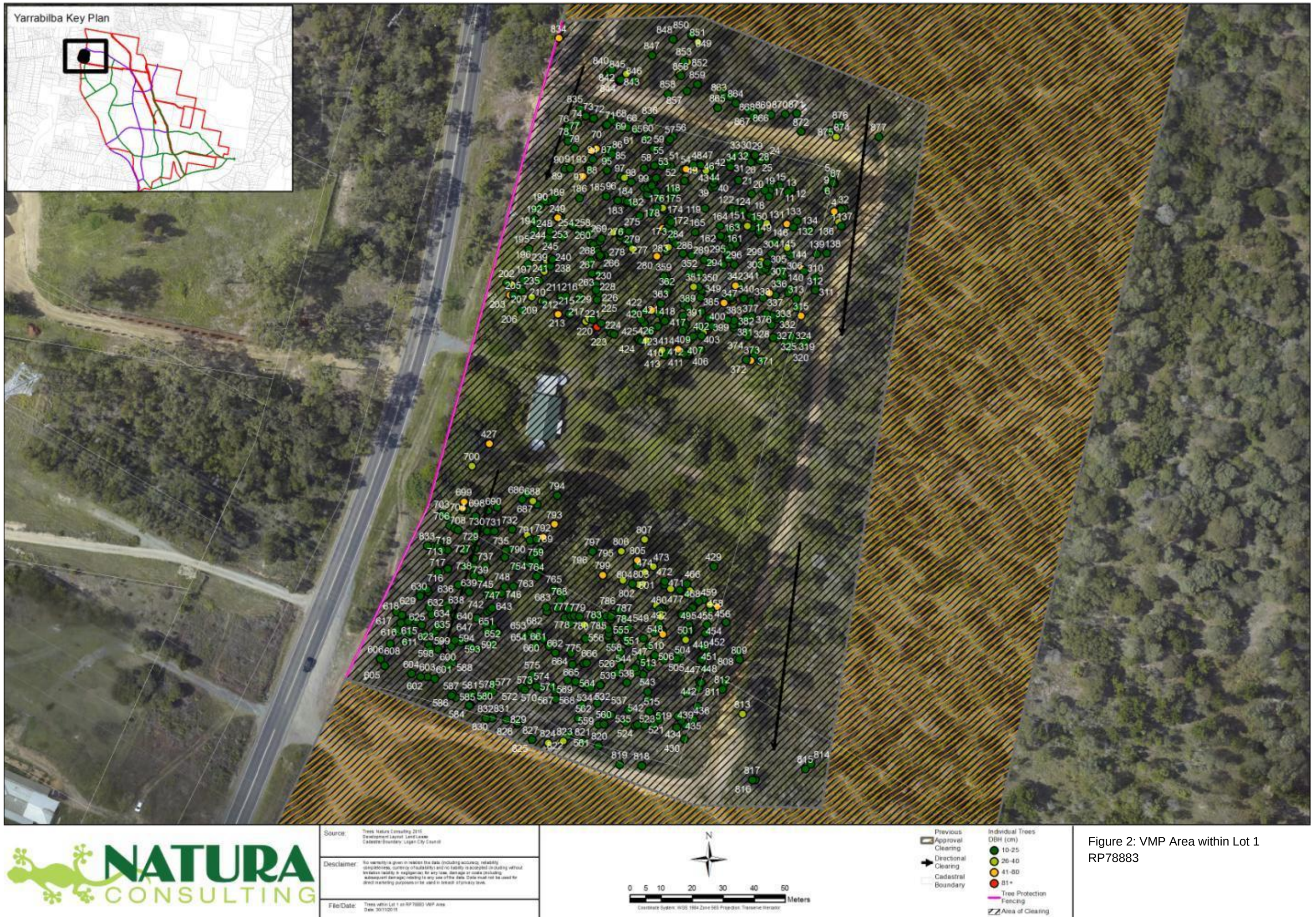


Figure 2: VMP Area within Lot 1
RP78883

 NATURA CONSULTING 1000s of Nature Ready. No Job Too Small. Natura Consulting Pty Ltd 110 Glen Street, Barrington NSW, 2464 6328 Mobile: 08 9328 1111 T: (08) 9 328 1111 F: (08) 9 328 1112 E: info@naturaconsulting.com.au	Drawing Title: Figure 2: Protection Fencing Cross Sections Project Name: Yarrabilba	Client: Lend Lease Location: Waterford- Tamborine Rd	Associated Consultants: QA: Drawn: [blank] Checked: [blank] Date: 20 May 2016 Drawing P: 0001-001 Approved: [blank]
--	---	--	--

ROOT BARRIER AND PROTECTION FENCING DETAIL (nts)

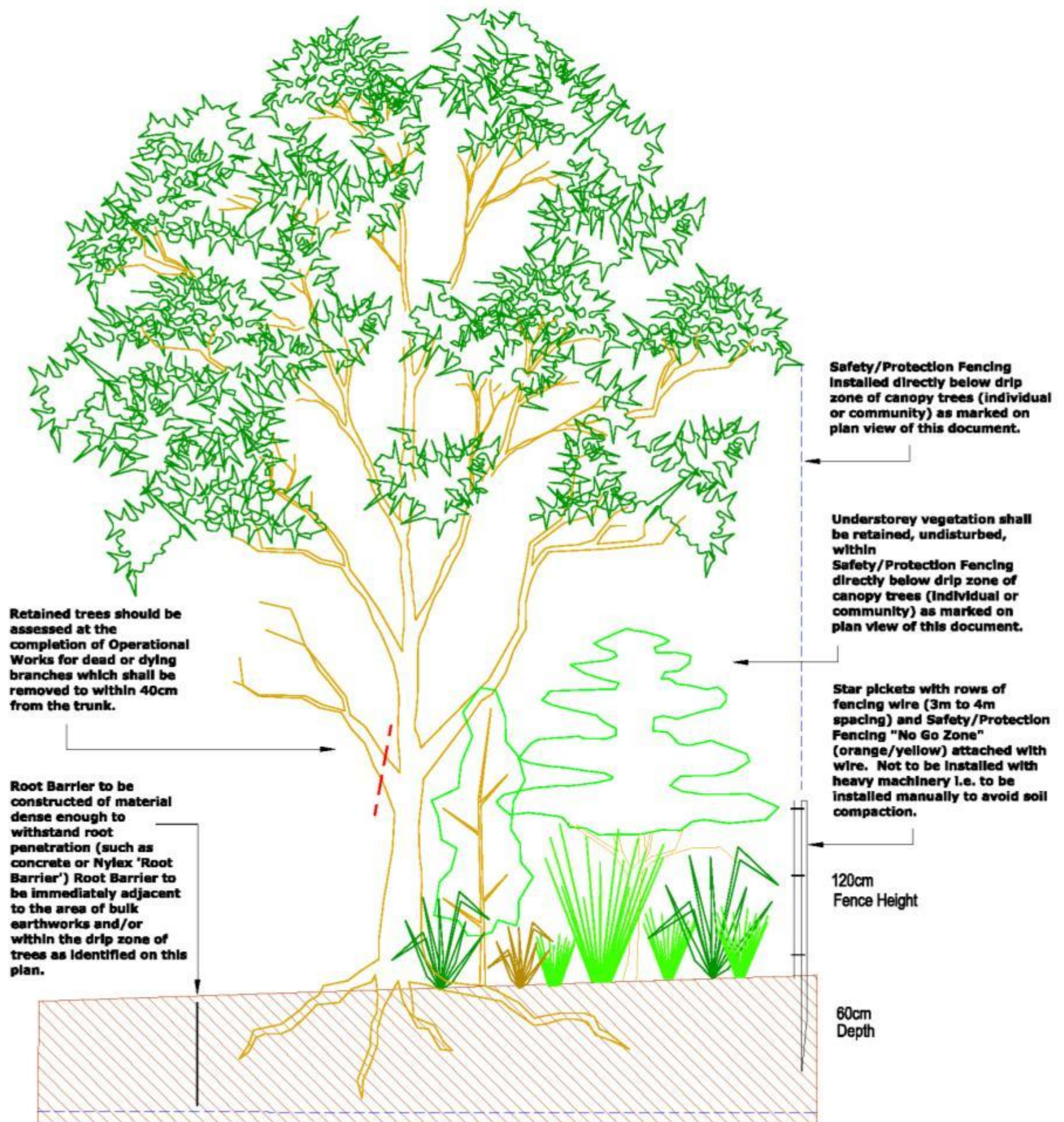


Figure 3: Vegetation Protection Fencing Detail

6 Appendices

Appendix A – Wildlife Online Search Results



Wildlife Online Extract

Search Criteria: Species List for a Specified Point
Species: Animals
Type: Native
Status: All
Records: All
Date: Since 1980
Latitude: -27.8121
Longitude: 153.1312
Distance: 2
Email: samuelhoward@hotmail.com
Date submitted: Monday 16 Feb 2015 12:25:02
Date extracted: Monday 16 Feb 2015 12:30:02

The number of records retrieved = 68

Disclaimer

As the DSITIA is still in a process of collating and vetting data, it is possible the information given is not complete. The information provided should only be used for the project for which it was requested and it should be appropriately acknowledged as being derived from Wildlife Online when it is used.

The State of Queensland does not invite reliance upon, nor accept responsibility for this information. Persons should satisfy themselves through independent means as to the accuracy and completeness of this information.

No statements, representations or warranties are made about the accuracy or completeness of this information. The State of Queensland disclaims all responsibility for this information and all liability (including without limitation, liability in negligence) for all expenses, losses, damages and costs you may incur as a result of the information being inaccurate or incomplete in any way for any reason.

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	amphibians	Hylidae	<i>Litoria latopalmata</i>	broad palmed rocketfrog		C		2
animals	amphibians	Hylidae	<i>Litoria caerulea</i>	common green treefrog		C		1
animals	amphibians	Hylidae	<i>Litoria rubella</i>	ruddy treefrog		C		1
animals	amphibians	Hylidae	<i>Litoria fallax</i>	eastern sedgefrog		C		1
animals	amphibians	Limnodynastidae	<i>Platyplectrum ornatum</i>	ornate burrowing frog		C		1
animals	amphibians	Limnodynastidae	<i>Limnodynastes terraereginae</i>	scarlet sided pobblebonk		C		1
animals	amphibians	Myobatrachidae	<i>Crimia parvisignata</i>	beeping froglet		C		1
animals	amphibians	Myobatrachidae	<i>Crimia signifera</i>	clicking froglet		C		1
animals	amphibians	Myobatrachidae	<i>Pseudophryne conicea</i>	red backed broodfrog		C		1
animals	birds	Acanthizidae	<i>Smicronis brevirostris</i>	weebill		C		3
animals	birds	Acanthizidae	<i>Acanthiza pusilla</i>	brown thornbill		C		2
animals	birds	Acanthizidae	<i>Gerygone olivacea</i>	white-throated gerygone		C		2
animals	birds	Acanthizidae	<i>Chthonicola sagittata</i>	speckled warbler		C		1
animals	birds	Acanthizidae	<i>Acanthiza nana</i>	yellow thornbill		C		2
animals	birds	Accipitridae	<i>Agalia audax</i>	wedge-tailed eagle		C		1
animals	birds	Accipitridae	<i>Elanus axillaris</i>	black-shouldered kite		C		1
animals	birds	Apodidae	<i>Hirundinidae caudatus</i>	white-throated needletail		SL		1
animals	birds	Artamidae	<i>Cracticus nigropictus</i>	piebald butcherbird		C		1
animals	birds	Artamidae	<i>Cracticus torquatus</i>	grey butcherbird		C		1
animals	birds	Artamidae	<i>Strepera graculina</i>	piebald currawong		C		1
animals	birds	Artamidae	<i>Cracticus tibicen</i>	Australian magpie		C		2
animals	birds	Campephagidae	<i>Coraciina novaehollandiae</i>	black-faced cuckoo-shrike		C		1
animals	birds	Climacteridae	<i>Corrobates leucophaea metastasi</i>	white-throated treecreeper (southern)		C		1
animals	birds	Climacteridae	<i>Corrobates leucophaea</i>	white-throated treecreeper		C		2
animals	birds	Columbidae	<i>Geopelia humeralis</i>	bar-shouldered dove		C		2
animals	birds	Columbidae	<i>Geopelia striata</i>	peaceful dove		C		1
animals	birds	Coryvidae	<i>Corvus ornatus</i>	Torresian crow		C		3
animals	birds	Cuculidae	<i>Cacomantis variolosus</i>	brush cuckoo		C		1
animals	birds	Cuculidae	<i>Cacomantis flabelliformis</i>	fan-tailed cuckoo		C		1
animals	birds	Dicruridae	<i>Dicrurus bracteatus</i>	spangled drongo		C		1
animals	birds	Estrildidae	<i>Taeniopygia bichenovii</i>	double-banded finch		C		2
animals	birds	Estrildidae	<i>Neochmia temporalis</i>	red-browed finch		C		2
animals	birds	Halcyonidae	<i>Dacelo novaeguineae</i>	laughing kookaburra		C		3
animals	birds	Mniotiltidae	<i>Mniotilta cyaneus</i>	superb fairy-wren		C		2
animals	birds	Mniotiltidae	<i>Mniotilta melanocephalus</i>	red-backed fairy-wren		C		2
animals	birds	Meliphagidae	<i>Ptilinopus fuscus</i>	fuscous honeyeater		C		1
animals	birds	Meliphagidae	<i>Acanthorhynchus tenuirostris</i>	eastern spinebill		C		1
animals	birds	Meliphagidae	<i>Meliphaga albogularis</i>	white-throated honeyeater		C		3
animals	birds	Meliphagidae	<i>Myzomela sanguinolenta</i>	scarlet honeyeater		C		3
animals	birds	Meliphagidae	<i>Manorina melanocephalus</i>	noisy miner		C		1
animals	birds	Meliphagidae	<i>Philemon corniculatus</i>	noisy friarbird		C		3
animals	birds	Meliphagidae	<i>Lichmera indistincta</i>	brown honeyeater		C		1
animals	birds	Meliphagidae	<i>Entomyzon cyanotis</i>	blue-faced honeyeater		C		1
animals	birds	Meliphagidae	<i>Calyptrornis chrysops</i>	yellow-faced honeyeater		C		2
animals	birds	Meliphagidae	<i>Meliphaga lewinii</i>	Lewin's honeyeater		C		1
animals	birds	Meropidae	<i>Merops ornatus</i>	rainbow bee-eater		SL		1

Page 1 of 2
Queensland Government Wildlife Online - Extract Date 16/02/2015 at 12:30:02

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Monarchidae	<i>Myiagra rubecula</i>	leaden flycatcher		C		1
animals	birds	Nectarinidae	<i>Dicaeum hirundinaceum</i>	mistletoebird		C		1
animals	birds	Neositidae	<i>Daphoenornis chrysoptera</i>	varied sittella		C		1
animals	birds	Pachycephalidae	<i>Pachycephala rufiventris</i>	rufous whistler		C		3
animals	birds	Pachycephalidae	<i>Colluricincla harmonica</i>	grey shrike-thrush		C		1
animals	birds	Pachycephalidae	<i>Pachycephala pectoralis</i>	golden whistler		C		1
animals	birds	Pardalotidae	<i>Pardalotus striatus</i>	striated pardalote		C		1
animals	birds	Pardalotidae	<i>Pardalotus punctatus</i>	spotted pardalote		C		3
animals	birds	Petroicidae	<i>Eopsaltria australis</i>	eastern yellow robin		C		2
animals	birds	Petroicidae	<i>Petroica rosea</i>	rose robin		C		1
animals	birds	Podargidae	<i>Podargus shingoides</i>	tawny frogmouth		C		2
animals	birds	Psittacidae	<i>Tachyglossus chlorolepidotus</i>	scaly-breasted lorikeet		C		1
animals	birds	Psittacidae	<i>Platycercus adscitus</i>	pale-headed rosella		C		1
animals	birds	Psittacidae	<i>Tachyglossus haematodus macleayensis</i>	rainbow lorikeet		C		1
animals	birds	Rhipiduridae	<i>Rhipidura leucophrys</i>	willie wagtail		C		2
animals	birds	Rhipiduridae	<i>Rhipidura albicollis</i>	grey fantail		C		3
animals	birds	Troglodytidae	<i>Zosterops lateralis</i>	silveryeye		C		3
animals	mammals	Molossidae	<i>Tadarida australis</i>	white-striped fruit-eating bat		C		1
animals	mammals	Phascogasteridae	<i>Phascogaster cinereus</i> (southeast Queensland bioregion)	koala (southeast Queensland bioregion)		V	V	15
animals	reptiles	Diplodactylidae	<i>Amalosia lesueuri</i>	Lesueur's velvet gecko		C		1
animals	reptiles	Scincidae	<i>Lygisaurus foham</i>			C		1
animals	reptiles	Scincidae	<i>Cryptoblepharus pulcher pulcher</i>	elegant snake-eyed skink		C		1

CODES:

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

Q - Indicates the Queensland conservation status of each taxon under the Nature Conservation Act 1992. The codes are Extinct in the Wild (EW), Endangered (E), Vulnerable (V), Near Threatened (NT), Least Concern (LC) or Not Protected (N).

A - Indicates the Australian conservation status of each taxon under the Environment Protection and Biodiversity Conservation Act 1999. The values of EPBC are Conservation Dependent (CD), Critically Endangered (CE), Endangered (E), Extinct (EX), Extinct in the Wild (EW) and Vulnerable (V).

Records - The first number indicates the total number of records of the taxon for the record option selected (i.e. All, Confirmed or Specimens).

This number is output as 99999 if it equals or exceeds this value. The second number located after the / indicates the number of specimen records for the taxon. This number is output as 999 if it equals or exceeds this value.

Page 2 of 2
Queensland Government Wildlife Online - Extract Date 16/02/2015 at 12:30:02

Appendix B – Summary of Fauna Management Actions

Fauna Management Actions for Lot 1 RP78883, Yarrabilba

Policy - To appropriately manage activities within the site to minimise impacts on fauna species.

Performance	No injury of native fauna;
Objectives/	• No destruction of habitat other than that designated for; and
Indicators	• Minimise impacts on fauna from the site activities through the implementation of environmental controls.
Control Measures	Design Identify clearly on plans areas to be protected from the development including: • Significant fauna areas • Location of services to minimise impacts on existing fauna habitat • Designation of transport routes during construction to minimise impacts to sensitive areas. Construction • The developer shall appoint a qualified ecologist (spotter catcher) to assess fauna habitat and clearly mark any habitat trees prior to any vegetation removal • The ecologist (spotter catcher) will identify and remove fauna from site before habitat disturbance • The developer shall ensure all contractors have a copy of this plan • The ecologist (spotter catcher) shall outline the contractors role and responsibilities to them prior to any vegetation removal • Clearing shall be undertaken in a sequential manner, with fauna management works planned prior to machinery arriving on site for the day • Injured fauna to be placed in an adequately ventilated box in a quiet and shady location and taken to Queensland Parks and Wildlife Service • (QPWS)/veterinary surgery or registered wildlife carer for treatment • No domestic pets (including dogs, cats) are allowed on the site during construction.
Monitoring	Daily inspection of the site and surrounding areas to ensure fauna has not re-established on the site: • Daily monitoring of clearing techniques • The ecologist (spotter catcher) shall supervise clearing works involving habitat tree removal until satisfied that native fauna have been suitably relocated • Inspection of retained fauna habitat in the area to ensure no impacts from site activities during construction.
Reporting/	Reporting
Responsibility	• Any injured fauna to be reported to DEHP (QPWS) • The ecologist (spotter catcher) shall instruct the developer when no further

action is required in relation to fauna relocation

- A Post Clearing Fauna Report is to be complied and forwarded to EDQ upon completion of clearing works.

Responsible Person

- The developer (or designated responsible person).

Contacts

- **DEHP/QPWS**
- **Natura Consulting:** Kieran Richardt, 0415 413 408
- **Lend Lease:** David Wilson, 0477 754 217
- **Spotter Catcher:** Tempe Parnell, 0424 789 711
- **Local Wildlife Carers (Wild Care):** (07) 5527 2444
- **Closest Veterinarian**
Village Veterinary Care, Wharf Street, Logan Village,
(07) 5546 3909