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Landscape Management Plan

DesignInc Pty Ltd

Lindfield Learning Village
Eton Road, Lindfield NSW

18 October 2018

Landscape Management Plan

Lindfield Learning Village

Eton Road, Lindfield NSW

Kleinfelder Document Number: NCA18R82665
Project No: 20191317

Prepared for:

DESIGNINC PTY LTD

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ABBREVIATIONS

APZ	Asset Protection Zone
Council	Ku-ring-gai Council
DP	Deposited Plan
DoE	Department of Education
ha	hectare
IPA	Inner Protection Area
LGA	Local Government Area
MZ	Management Zone
NSW RFS	New South Wales Rural Fire Service
Subject Site	Land owned by DoE
Study Area	Total area for tree data collection

1. INTRODUCTION

The proposed redevelopment of the old University of Technology Sydney (UTS) Campus and attendant Development Application (DA) are being administered for the Department of Education (DoE) by DesignInc Sydney Pty Ltd.

Kleinfelder have been engaged to prepare a Landscape Management Plan (LMP) for the Phase 1 development plan for the new school development.

This Landscape Management Plan satisfies the Vegetation Management Plan (VMP) and LMP conditions.

1.1 SCOPE

This LMP is a management plan for APZ construction and initial works (Phase 1) only. Kleinfelder has prepared this LMP for the site in July-August 2018. The scope of our study has focused on the subject site (DoE land) and extended out to the study area (including the pathway extension to the bus stop).

The study areas includes:

- establishment of a 100m APZ around Phase 1;
- installation of a new boundary fence,
- landscaped area to the north of the building for an outdoor play area;
- construction of a small footpath to the bus stop area north-east of the subject site;
- construction of a fire trail to the south of the building;
- Construction of the water hydrant ring main.

The LMP had been developed for the purpose of analysing the optimal tree retention and tree removal for the asset protection zones (APZ), and identifying the tree removal proposal. Further to this the LMP details the actions required for vegetation management, incorporates a weed management plan (**Appendix 3**, EcoPlanning 2018), and threatened species management on site (**Appendix 4**). The LMP does not detail tree management on external

properties (i.e. dealing with neighbouring APZ's), except for the proposed impacts associated with the footpath widening for bus stop access.

This LMP has been prepared in accordance with the following published guidelines and standards:

- *NSW RFS Standards for Asset Protection Zones* (2005);
- *NSW RFS Planning for Bushfire Protection* (2006/2017);
- *Ku-ring-gai Local Environmental Plan* (2015).

1.2 SITE DESCRIPTION AND PROPOSED DEVELOPMENT

The study area lies within the central-eastern area of the Sydney Basin Bioregion and is part of the Ku-ring-gai Local Government Area (LGA) (**Figure 1**). The bushland on the study area is contiguous with Lane Cove National Park, being used for recreation and educational purposes.

The study area is bounded by Lane Cover River National Park to the south, east and west, and existing residential development to the northern perimeters. The majority of the site is mapped as the Hawkesbury soil landscape. The northern part of the study area is mapped as the Lucas Heights soil landscape. Shallow soils and exposed sandstone are common surface features.

The subject site has existing UTS buildings within a natural bushland environment. The building has been dis-used for a period of time, and the bushland management has not been appropriately managed for bushfire asset protection purposes.

The proposed development would redevelop the existing UTS Lindfield Campus to a school, which is being approved in proposed 3 Phases, this current phase being Phase 1. Phase 1 will require the management of the bushland environment to meet the prescribed standards for Asset Protection Zones (NSW RFS 2005).

To adequately plan for APZ management, a tree survey is required to ascertain the trees on site, their density, connectivity and selection for removal to meet the NSW RFS standards.

1.3 VEGETATION CLASSIFIACTION

The existing environment for the UTS has overgrown landscape gardens (unmanaged – minimal management) and APZ's surrounding the building. The surrounding lands to the east and west have APZ management requirements associated with other development approvals. EcoPlanning (2017) provide detail the environment. Vegetation types are considered for the purpose of this LMP. The study area contains two natural vegetation communities and one area of modified vegetation:

1. Smooth-barked Apple - Red Bloodwood open forest on enriched sandstone slopes around Sydney and the Central Coast (ME64; PCT1776)
2. Dwarf Apple - Broad-leaved Scribbly Gum - Sydney Peppermint low open woodland on sandstone ridges with subtle enrichment in northern Sydney (ME67; PCT1782).
3. Cleared land exotics and exotic/non-indigenous plantings.

For any further information please see *Biodiversity Assessment Report (*Ecoplanning 2017).

1.4 HERITAGE

Known heritage values are associated with the Lindfield Learning Village include:

- the Lindfield Learning Village is a locally listed heritage building.

Heritage values within the APZ are assessed in this LMP

1.5 TREE SURVEY

A tree survey was conducted throughout the study area to catalogue all trees. A Garmin 62S GPS was used to take the location of each tree that was recorded. The details of each tree recorded included:

- Tree species;
- Approximate height of the tree;
- Diameter of the tree at breast height (DBH) in mm was split into 4 categories (10-20mm, 20-40mm, 40-80mm and 80+mm);

- Presence of hollows or Nest Boxes;
- Condition of the tree (dead, dying or has any dangerous limbs);
- Previous tagging; and
- Any other significant features.

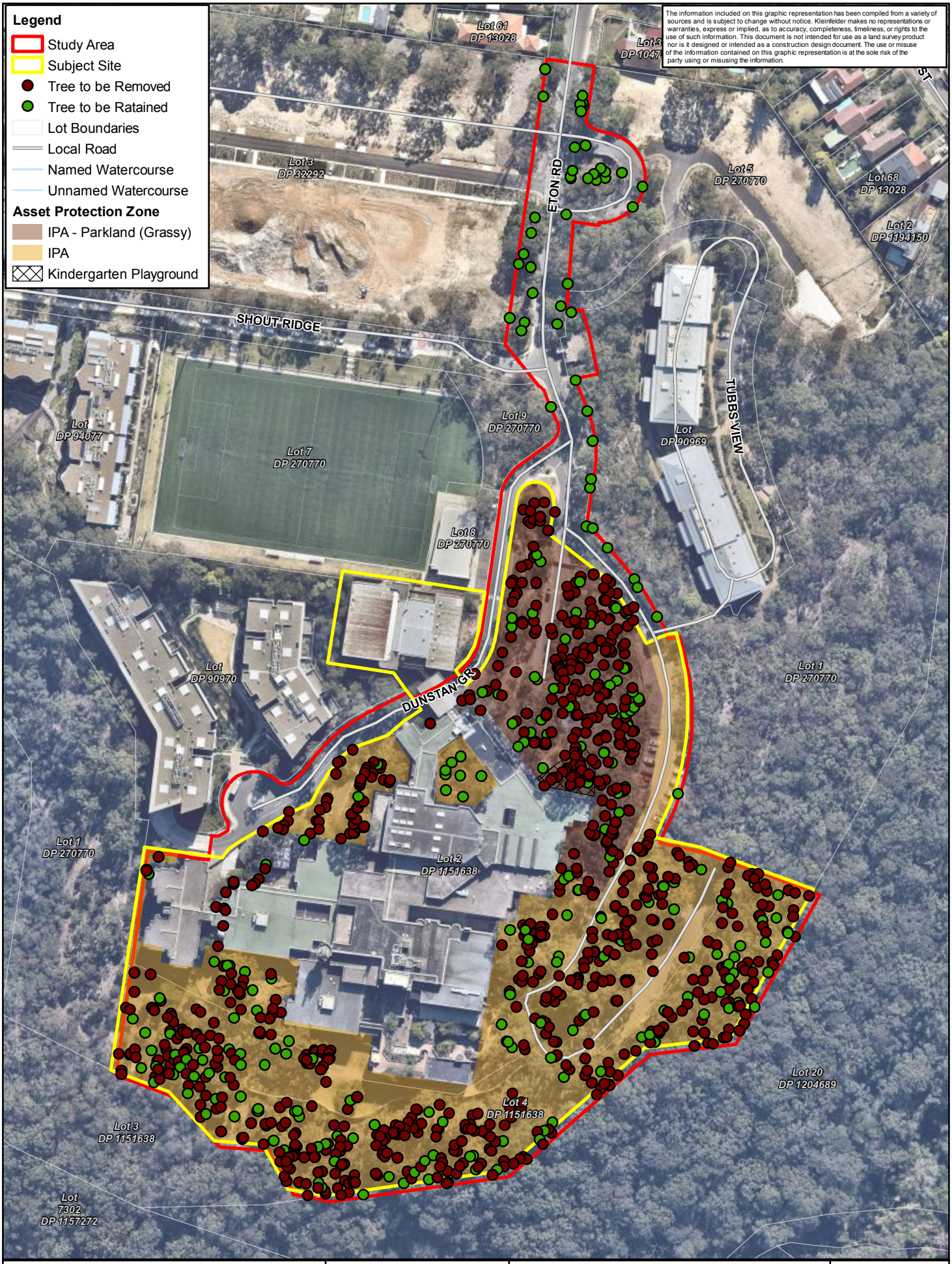
The data was analysed using ArcGIS and presented as maps which will be used for ongoing consultation (**Figures 1-4**). Results are provided in **Appendix 1.**

1.5.1 Tree Survey Assessment Limitations

All trees onsite were mapped using a Garmin GPS. Garmin's accuracy is between 3-4m when in good conditions but accuracy could drop further due to thick canopy cover. To mitigate this limitation there are three potential actions:

1. Moving of point/tree locations on the map (once surveyors have pegged locations of services to be constructed);
2. Removal of trees if they are impeding on any services (i.e. the Ring Main or Fire Trail) under direct supervision of onsite ecologist; and
3. Moving or relocation of services (i.e. fences or fire trail) around trees that are marked to be retained which will be supervised by the onsite ecologist.

To assist with the co-ordination of required tree removal, a project ecologist should oversee the clearing to ensure the correct outcome is achieved in line with this document.



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DATA SOURCE:
NSW DFSI - 2017
nearmap - 2018

Tree Survey Results and Proposed Tree Retention & Removal

DesignInc Sydney Pty Ltd
Landscape Management Plan
Lindfield Learning Village
APZ Landscape Management Plan

FIGURE:
1

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2. LMP OBJECTIVES AND ZONES

2.1 MANAGEMENT AIMS AND OBJECTIVES

The primary aim of this LMP is to provide a working document that will outline the actions and procedures required to:

- To identify trees to be removed or retained to ensure the APZ will meet the performance criteria set out under NSW RFS published documentation for APZ management (Standards for Asset Protection Zones, 2005);
- To provide a flexible data set to assist in ongoing planning and construction throughout the study area.
- While achieving the above, optimise the ecological functionality of the APZ and surrounding native vegetation areas, both during development and into perpetuity;
- Consider weed management;
- Consider threatened species interactions and management;
- Be consistent with the requirements of the Ku-Ring-Gai Council Local Environmental Plan (2015).
- Provide a works schedule to ensure the site meets its performance criteria in perpetuity.

2.2 MANAGEMENT ZONES

The site has been divided into five management zones (**Figure 5**) based on the landscape characteristics and planned APZ management and outcomes:

- **Management Zone (IPA Parkland):** This Management Zone will follow the same guidelines as IPA management (*an IPA should provide a tree canopy cover of less than 15% and should be located greater than 2 metres from any part of the roofline of a dwelling. Garden beds of flammable shrubs are not to be located under trees and should be no closer than 10 metres from an exposed window or door. Trees should have lower limbs removed up to a height of 2 metres above the ground (NSW RFS 2006). The vegetation for landscaping within IPA will eliminate potential fire ignition and spread sources by using/retaining specific species and total native tree and shrub cover should be retained*

as clumps or islands and should maintain a covering of no more than 20% of the total area. Tree removal will take place to come into line with the standards of the NSW Rural Fire Services). Specifically, **the trees will be removed including stumps and ground roots to 150mm below finish level**, and ground cover within the IPA Parkland will be highly modified to a mown grassy parkland standard and garden beds with specific plant species (see Design Inc Partial School Materials, Finishes and Planting Schedules (Doc No. LA-T-1000) for transplanting onsite plants for garden beds and additional planting species) to eliminate ignition and spread sources (where possible include native grasses endemic to the locality). This area will form part of the landscaped area to the north of the building for an outdoor play area. (**See figure 5**).

- **IPA Management Zone (IPA):** The remaining IPA will provide a tree canopy cover of less than 15% and should be located greater than 2 metres from any part of the roofline of a dwelling. Garden beds of flammable shrubs are not to be located under trees and should be no closer than 10 metres from an exposed window or door. Trees should have lower limbs removed up to a height of 2 metres above the ground (NSW RFS 2006). The ground layer will be managed to less than 10cm on a regular (as-needed) basis. The vegetation for landscaping within IPA will eliminate potential fire ignition and spread sources by using/retaining specific species and total native tree and shrub cover should be retained as clumps or islands and should maintain a covering of no more than 20% of the total area. Tree removal will take place to come into line with the standards of the NSW Rural Fire Services (See figure 5). Specifically, **the trees will be removed by cutting at ground level and leaving root structures in place.**

- **Heritage Management Zone (HMZ):** IPA Heritage Zone – Will be managed to retain all trees and features within the courtyard so as not to disturb the aesthetic values of the area, however will meet the NSW RFS standards for APZ. A specific management plan will be developed for the area, not a part of this LMP.

- **Pathway Management Zone (PMZ):** The proposed path to the bus stop is on adjacent landholding. Within the pathway to the north all trees within the study area will be retained until clarification of this area is received in regards to tree removal. One tree has been highlighted for removal (tree #38, Brush Box).

2.3 SUBJECT SITE INFRASTRUCTURE REQUIREMENTS

Within the subject site area are the following proposed infrastructure:

2.3.1 Fire Trail

Construction of a fire trail to the south of the building will need to be done in conjunction with the design of the APZ clearing in relation to trees that are being retained. The site currently has ample space to construct a fire trail without additional tree clearance. The passage for the fire trail will require flexibility as set out in the assessment limitation Section 1.5.1.

The proposed Fire Trail is required to be suitable for NSW Rural Fire Service (NSWRFS) Category 1 type vehicles. Fire Trail Construction requirements are contained in the NSWRFS document Fire Trail Standards (2017) and for the proposed fire trail detailed in Table xxx;

Table 1 Category 1 Fire trail Requirements

Requirement	Performance Criteria	Acceptable Solutions
Width	The width of the trail provides for safe, reliable and unobstructed passage by a Category 1 firefighting vehicle within acceptable operational limits.	› The trafficable surface has a width of 4 metres except for short constrictions to 3.5 metres for no more than 30 metres in length where an obstruction cannot be reasonably avoided or removed. › Curves have a minimum inner radius of 6 metres. The minimum distance between inner and outer curves is 6 metres.
Capacity	The construction and formation of the trail is trafficable under all weather conditions (other than due to flood, storm surge or snowfall) for a Category 1 firefighting vehicle.	› Trail surfaces and crossing structures are capable of carrying vehicles with a gross vehicle mass of 15 tonnes and an axle load of 9 tonnes.
Grade and Crossfall	The vertical profile of the trail provides for traction and safe working angle within the physical operational capability of a Category 1 firefighting vehicle. Note: This includes design that does not impede the undercarriage of a vehicle.	› The maximum grade of a trail is not more than 15 degrees. › The crossfall of the trail surface is not more than 6 degrees.
Clearance	A cleared corridor is provided around the trail which permits the unobstructed passage of a Category 1 firefighting vehicle and for a working corridor either side of the vehicle to enable firefighters to exit from, and access equipment in, the vehicle.	› A minimum vertical clearance of 4 metres is provided above the surface of the trafficable surface clear of obstructions.

Passing	The trail provides for two Category 1 firefighting vehicles to pass at appropriate intervals so as to avoid unacceptable delays in operations.	Capacity for passing is provided every 250 metres comprising: › A widened trafficable surface of at least 6 metres for a length of at least 20 metres; or › A 6 metre wide and 8 metre long area clear of the trafficable surface with a minimum inner curve radius of 6 metres and minimum outer radius of 12 metres; or › A turnaround as provided for in this table.
Turnarounds	The trail provides for a turning manoeuvre for a Category 1 firefighting vehicle to return in the direction from which it came at appropriate intervals and at the termination of a trail.	A turning area is provided at the termination of a trail and every 500 metres and is achieved by: › An area clear of the trafficable surface 6 metres wide and 8 metres deep, with a minimum inner curve radius of 6 metres and outer minimum radius of 12 metres; or › A turning circle of minimum 22 metre diameter. › A T-junction with each terminating end of the junction being at least 10 metres in length from the intersection of the roads and the inner radius of that intersection being at least 6 metres › A fire trail or road intersection.
Drainage	The fire trail is drained effectively to manage rainfall runoff to prevent damage to the trafficable surface.	› Drainage of the trail is designed and constructed in accordance with the *NSW RFS Fire Trail Design, Construction and Maintenance Manual.*
Access	Access shall not be obstructed to use by firefighting services.	›Any installed gate must be operable by a single person and provide a clear area for passing of 4m. ›where gates are to be locked, access arrangements satisfactory to firefighting services must be provided.
Signage	Signage clearly identifying entry points to fire trails should be provided.	Fire trail signage installed conforming to *NSW RFS Standards for Fire Trails 2017 Appendix B*

Annual monitoring of the Fire Trail will be dependent on the NSWRFS determining that the Fire trail should be registered on the Fire Trail Register. Two possible scenarios exist;

1. The Fire Trail is not registered with the NSWRFS. The landowner will be responsible for carrying out regular monitoring of the Fire Trail condition and compliance with the required standard. Monitoring should be carried out, as a minimum, prior to the declared fire danger period. (usually October 1 to 31 March)

2. The Fire Trail is registered with the NSWRFS. The landowner will be responsible for providing an annual report to the NSWRFS as to the condition of the Fire Trail and compliance with the standards. By agreement with the NSWRFS, the annual inspection may be carried out by Officers of the NSWRFS.

Ongoing maintenance costs for the Fire Trail will be the responsibility of the Landowner unless funding is applied for and granted through the Hunters Hill, Ryde, Lane Cove, Willoughby Bush Fire Management Committee.

Suitable arrangement must be put in place to ensure the ongoing management and availability of fire trails for fire management purposes by the Landowner.

2.3.2 Boundary Fence

The boundary fence will need to be constructed in relation to trees being retained. During surveying or construction of the fence a supervising ecologist will need to be present to determine either the location of the fence line or whether the proposed tree is to be removed. This will require flexibility as set out in the assessment limitation **Section 1.5.1**. The boundary and internal fencing are to be constructed with non-combustible materials rated to be BAL FZ.

2.3.3 Hydrant Main Line (Ring Main)

The water supply hydrant main line will need to be constructed in relation to trees being retained. During surveying or construction of the hydrant line a supervising ecologist will need to be present to determine either the location of the hydrant line or whether the proposed tree is to be removed. This will require flexibility as set out in the assessment limitation **Section 1.5.1**.

2.3.4 Kindergarten Play Area

All trees within the kindergarten play area to be removed during construction. This will require flexibility as set out in the assessment limitation **Section 1.5.1**.

2.3.5 Landscape Furniture

Details of any landscape furniture/structures such as seating, playground equipment etc are set out in Design Inc's Partial School Materials, Finishes and Planting Schedules (Doc No. LA-T-1000).

2.4 WEED MANAGEMENT

Weed management is considered in this LMP. EcoPlanning have drafted a weed management strategy which has been incorporated into this LMP (**Appendix 3**). Exotic flora species are found in low number across the subject site, except in areas of planting. Where exotic species have naturalised or planted specimens have escaped garden beds into the bushland, they should be treated in accordance with the methods detailed in **Appendix 3**.

2.5 THREATENED SPECIES AND FAUNA MANAGEMENT

No threatened fauna species have been recorded in the subject site (EcoPlanning 2017), however management in accordance with this LMP includes mitigation measures for threatened species that potentially utilise the site (e.g. Powerful Owl) (see **Appendix 4**).

Further to threatened species, all fauna potentially impacted from the APZ implementation will be managed through the fauna displacement protocol (see **Appendix 4**).

2.5.1 Nest Boxes and Hollow Bearing Trees

The subject site has several trees with nest boxes installed and a potential hollow bearing tree present. These fauna habitat features were identified in the tree survey (**Appendix 1**), and will be adequately protected through the retention of that tree and the provision of a project ecologist supervision throughout the APZ clearing.

2.6 APZ ON SLOPES GREATER THAN 18 DEGREES

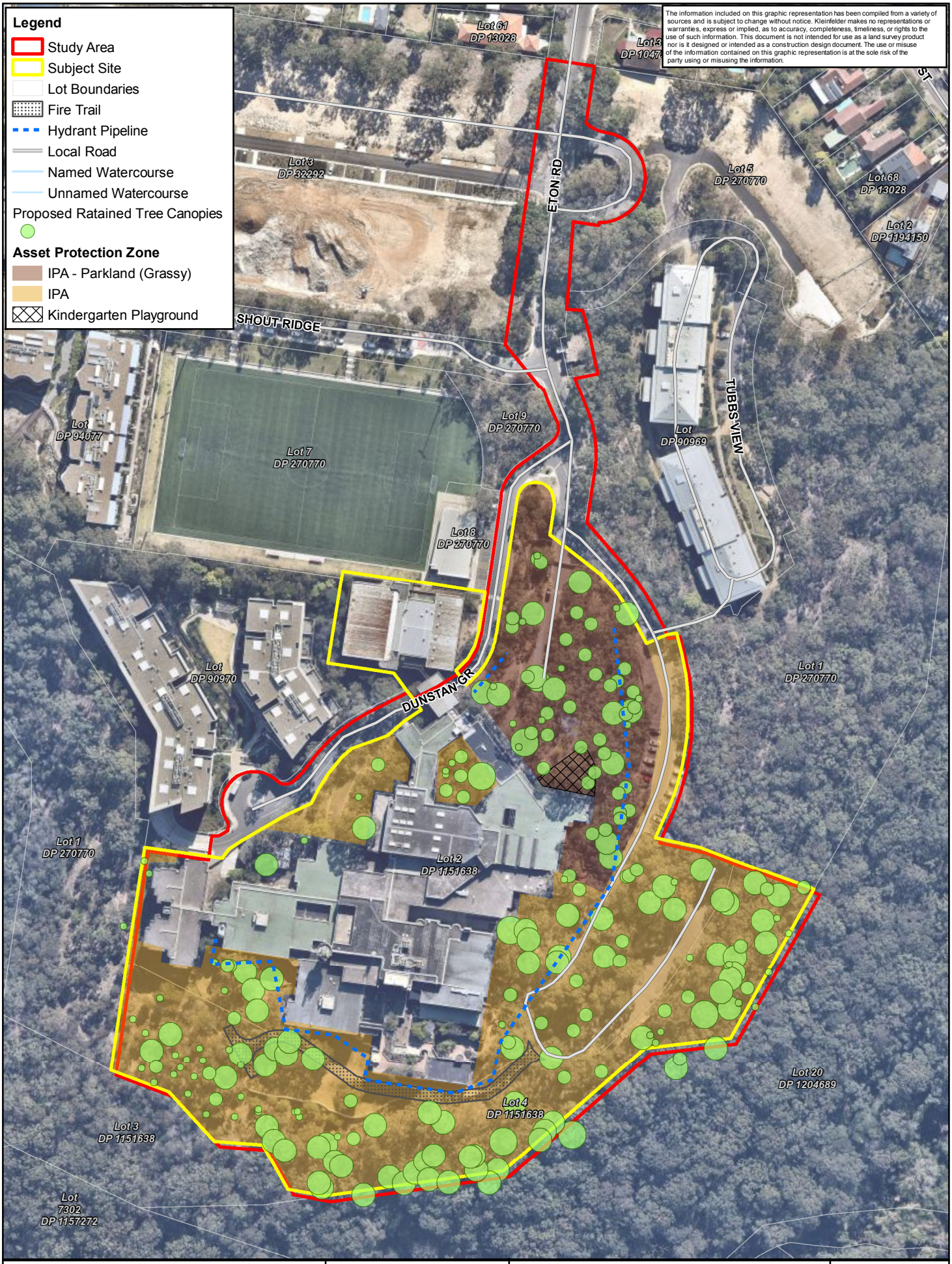
The NSW RFS make recommendations where APZ are located on slopes greater than 18 degrees. These slopes are difficult to maintain and have potential to be exposed to erosion issues. Sandstone boulders and cliffs are suitably stable and do not require actions, however, where slopes have exposed soils and are affected by drainage, it is recommended these slopes be terraced or landscaped, and be provided with suitable access to allow for ongoing maintenance. Rock features are in the South East of the subject site within the Natural Slopes to be retained area (Design Inc. Drawing No. LA-T-1001 and 1002) these rock features will be retained within the APZ area.

Maintenance for slopes that are greater than 18 degrees include only the use of hand held tools and hand held machinery. On slopes greater than 10 degrees slashing must not leave

vegetation shorter than 10cm from the ground surface. When removing trees, the root structure of the removed tree must be left undisturbed. (NRFS 2006)

2.7 EROSION SEDIMENT CONTROL

EWFW Consulting Engineers have designed an Erosion and Sediment Control Plan for the Lindfield Learning Village – Partial School. These plans are there to manage stormwater runoff throughout the site. (EWFW Consulting Engineers Plans No. C-0110-A, C-012-A, C-013-A, C-014-A, C-015-A, C-016-A and C-017-A).



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nearmap - 2018

Proposed Retained Trees

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Landscape Management Plan
Lindfield Learning Village
APZ Landscape Management Plan

FIGURE:
2

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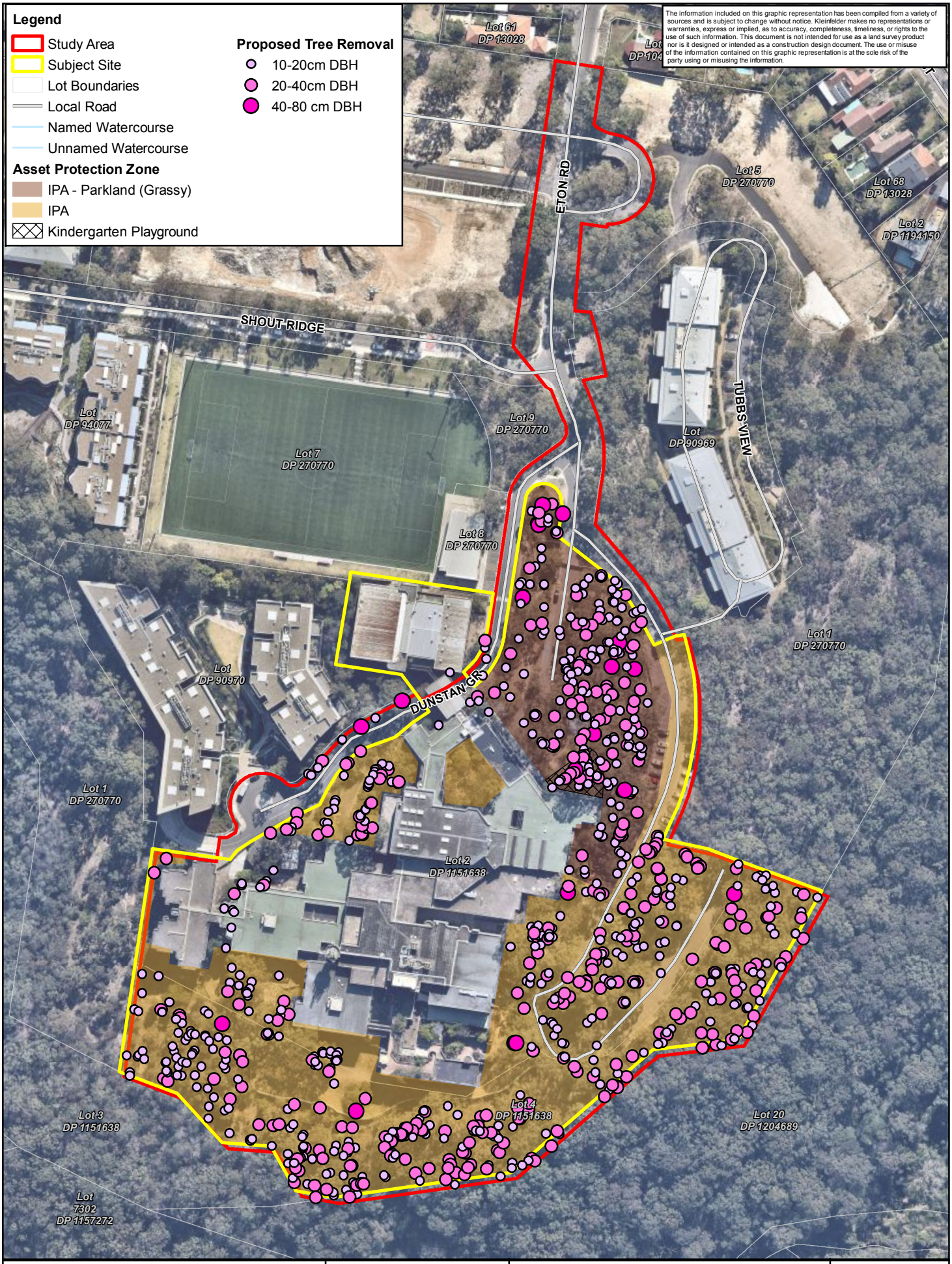

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Proposed Tree Removal

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APZ Landscape Management Plan

FIGURE:
3

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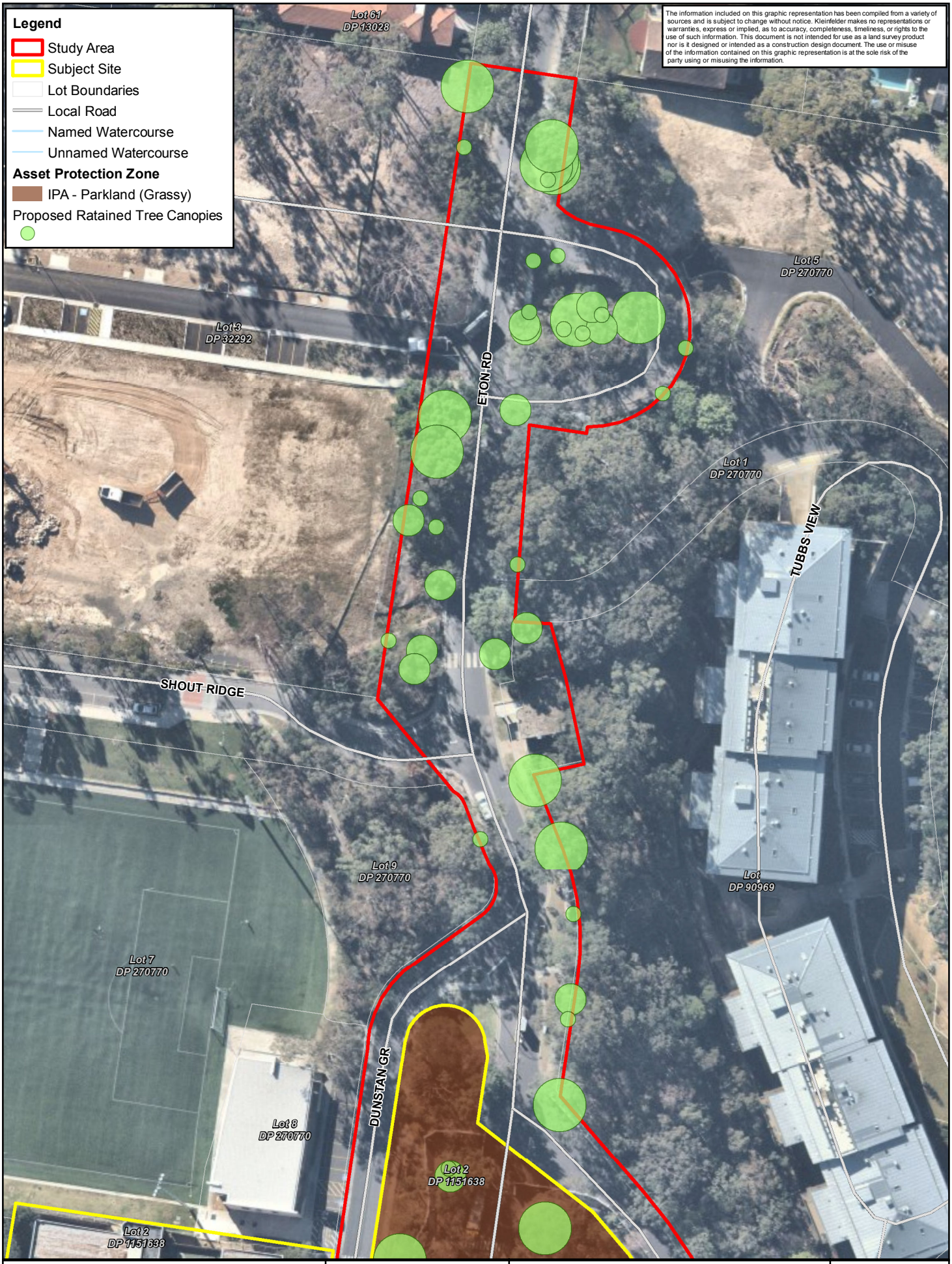

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DRAWN BY: gjoyce

DATA SOURCE:
NSW DFSI - 2017
nearmap - 2018

Tree Locations and Proposed Retained Trees Around Footpath

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Landscape Management Plan
Lindfield Learning Village
APZ Landscape Management Plan

FIGURE:

4

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3. IMPLEMENTATION OF ASSET PROTECTION ZONES

3.1 IMPLEMENTATION OF ASSET PROTECTION ZONES

Clearing for APZ implementation, construction of fire trails, boundary fences, hydrant main line and kindergarten play area will occur concurrently.

All clearing of trees will be conducted under the supervision of a qualified and experienced Project Ecologist engaged by the Project Manager.

At completion, the clearing performance criteria is to be certified by a suitably qualified bushfire consultant (BPAD Level 3).

The NSW RFS provide documentation detailing performance criteria for APZs. The APZ dimensions extend from the external building elevation directly toward the bushfire hazard (bushland). Subsequently, the APZ would be managed in accordance with the NSW RFS *Standards for Asset Protection Zones* (2006), reducing fuel in the APZ through mechanical and manual methods.

For implementation of management actions time and performance criteria refer to **Section 5.**

3.1.1 APZ Vegetation Structure Management

The optimal vegetation structure within the APZ will be a woodland canopy over a managed sedge/grassland which is maintained to less than 100 mm in height at least once annually. Tree stumps will be removed at ground level in the IPA, and removed to 150mm below finish level in the IPA Parkland and play areas.

Initially, significant tree clearing and pruning will be required. A majority of the existing trees will be removed, focussing on smaller regrowth trees and retaining healthy, mature trees.

All vegetation green waste will need to be removed from the APZ unless and appropriate location can be determined by project manager, throughout the APZ implementation period. Stockpiles will not be acceptable when the school is occupied by students unless approved.

Ongoing fuel management will require annual monitoring and maintenance, reducing sedge/ grassland fuels to less than 100mm and separating any canopies by at least 2-5m. This would occur at least every September and once again before January (or as required).

3.1.2 Clearing Protocols

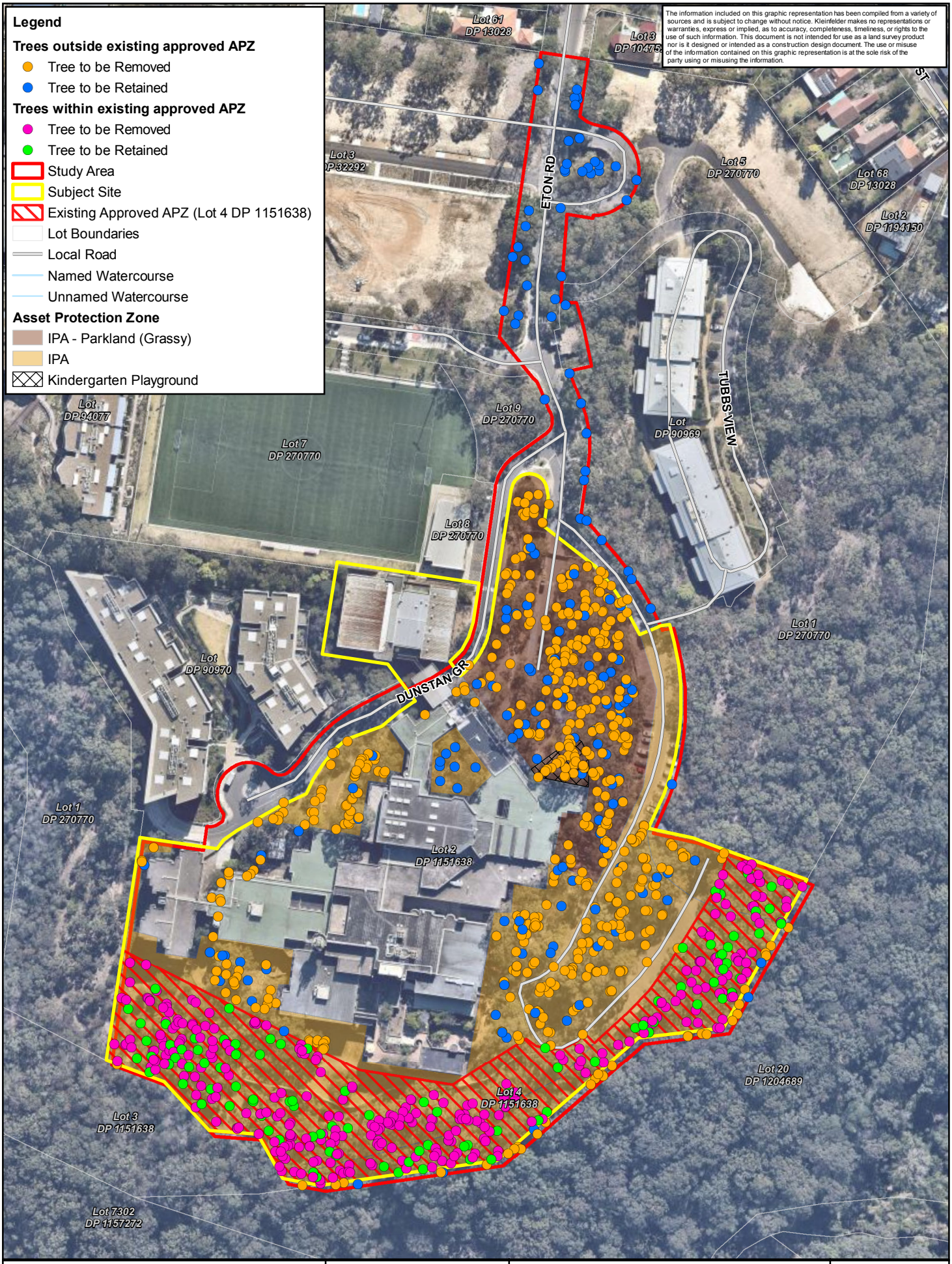
Protocols have been developed to minimise the potential impacts of clearing on fauna, retained vegetation and heritage sites, weed infestation and threatened species within and adjacent to the study area. These protocols are detailed in **Appendix 2-4**.

Tree removal will need to be conducted to avoid indirect impacts or impacts to retained trees (e.g. scarring, hanging limbs). Methodology of tree removal that avoids damaging of retained trees is detailed in **Appendix 2**.

Onsite Ecologists are to ensure that no more than 872 trees are removed from the site. To identify all existing tree/shrub species to be retained (228 trees to be retained).

Stumps will be cut to the ground level unless adequate planning provides alternate solution. The stumps are not necessarily a fire hazard but more alike an access issue or trip hazard.

The pre-clearing protocol requires the retained vegetation and subject site infrastructure to be surveyed and clearly delineated prior to the commencement of clearing. These zones will be confirmed by project ecologist prior to commencement of clearing.



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Proposed Tree Retention & Removal - Existing Approved APZ

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Lindfield Learning Village
APZ Landscape Management Plan

FIGURE: 5

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4. MONITORING AND REPORTING

4.1 MONITORING

Monitoring within the management zones will enable the site to be assessed against performance criteria and recommend specific actions to be prescribed for ongoing maintenance works. Monitoring will involve the project ecologist to observe the site attributes.

At each monitoring event the following information will be collected through a site inspection across all areas.

4.2 REPORTING

The following reports are required under this plan:

- A detailed daily log will be kept by the project ecologist, detailing where clearing occurred and any relevant information associated;
- If/when assessment limitations in **Section 1.5.1** have been acted upon and modifications have been made they need to be catalogued by the supervising ecologist; and
- Vegetation Clearing: Upon the completion of clearing, the project ecologist supervising clearing works will provide a letter/ report including the daily log.

5. IMPLEMENTATION OF MANAGEMENT PLAN

Table 2: Management Actions, Timing and Performance Criteria

Item	Action	Performance criteria	Document reference	Timing/ Duration	Management Zone	Responsibility
APZ Site Delineation						
1.	Boundaries and subject site construction zones to be surveyed and delineated	Survey pegs are in place at reasonable intervals.	2.3	Prior to LMP being activated	All Zones	-
VEGETATION CLEARING AND MANAGEMENT						
2.	Vegetation in IPA, (Parkland Grassy) managed to IPA standards,	Ground stratum removed to allow for managed grassy lawns. Tree stumps removed to 150mm below finish level. Retained trees accounted for onsite. Tree canopy pruned to less than 15% canopy cover. 2-5m Canopy separation.	Section 3.1	-	IPA Parkland	Arborist and project ecologist
3.	Vegetation in IPA and heritage zones managed to IPA standards,	Ground stratum managed to less than 100mm high. Tree canopy pruned to less than 15% canopy cover. Trees removed at ground level. 2-5m Canopy separation.	Section 3.1	-	IPA and Heritage Zone	Arborist and project ecologist

Item	Action	Performance criteria	Document reference	Timing/ Duration	Management Zone	Responsibility
Reporting						
4.	Daily logs	All daily activities whilst onsite to be recorded.	4	During the implementation of the APZ's.	All zones	Project ecologist
5.	Completion Report	A summary of all works that have occurred during the construction phase.	5.2	Completion of the implementation of the APZ's	All Zones	Project ecologist

6. REFERENCES

Alphitonia Environmental Construction Services (2016) *Vegetation Management Strategy* UTS Ku-ring-gai Campus, Eton Road, Lindfield (0982)

EcoPlanning (2017) *Biodiversity Assessment Report, Framework for Biodiversity Assessment – Lots 1, 2 and 4 // DP 1151638,* University of Technology, Ku-ring-gai Campus, Lindfield.

NSW Rural Fire Service (2005). *Standards for Asset Protection Zones.*

NSW Rural Fire Service (2006). *Planning of Bush Fire Protection 2006: A Guide for Councils, Planners*, Fire Authorities, and Developers.

EcoPlanning (2018). Weed Management Strategy – draft for DA submission.

NSW Rural Fire Service (2017*). Fire Trail Standards*

NSW Rural Fire Service (2006). Bush Fire Environmental Assessment Code for New South Wales.

APPENDIX 1. TREE SURVEY

Table 3: Tree Survey Data

Unique ID	Scientific Name	Height (m)	DBH mm	Retain	Comments	Tag No	Tagged By
GPS11_001	Eucalyptus punctata	10	10-20	No			
GPS11_002	Angophora costata	12	20-40	No			
GPS11_003	Angophora costata	12	40-80	No			
GPS11_004	Angophora costata	10	20-40	No			
GPS11_005	Angophora floribunda	10	10-20	No			
GPS11_006	Angophora floribunda	14	20-40	No			
GPS11_007	Acacia irrorata	12	10-20	No			
GPS11_008	Casuarina glauca	14	40-80	No			
GPS11_009	Angophora crassifolia	6	10-20	No			
GPS11_010	Acacia irrorata	6	20-40	No			
GPS11_011	Acacia irrorata	12	40-80	No			
GPS11_012	Banksia serratta	6	20-40	No			
GPS11_013	Eucalyptus saligna	25	40-80	N/A		t17	Existing
GPS11_014	Eucalyptus punctata	25	40-80	N/A			
GPS11_015	Eucalyptus saligna	30	40-80	N/A		t16	Existing
GPS11_016	Eucalyptus punctata	20	20-40	N/A			
GPS11_017	Eucalyptus saligna	25	20-40	N/A			
GPS11_018	Angophora costata	10	10-20	N/A			
GPS11_019	Angophora costata	15	10-20	N/A		t15	Existing
GPS11_020	Casuarina glauca	20	20-40	N/A			
GPS11_021	Corymbia gummifera	20	20-40	N/A			
GPS11_022	Casuarina glauca	20	10-20	N/A			

GPS11_023	Eucalyptus saligna	30	40-80	N/A		t13	Existing
GPS11_024	Acacia irrorata	15	10-20	N/A			
GPS11_025	Eucalyptus punctata	20	20-40	N/A			
GPS11_026	Eucalyptus punctata	25	40-80	N/A			
GPS11_027	Eucalyptus racemosa	25	40-80	N/A			
GPS11_028	Allocasuarina littoralis	25	40-80	N/A	Significant tree	t12	Existing
GPS11_029	Corymbia gummifera	20	40-80	N/A			
GPS11_030	Eucalyptus saligna	30	80+	N/A		t992	Existing
GPS11_031	Eucalyptus saligna	30	40-80	N/A		t991	Existing
GPS11_032	Palm	15	20-40	N/A			
GPS11_033	Eucalyptus pilularis	30	80+	N/A		t1070	Existing
GPS11_034	Eucalyptus saligna	30	40-80	N/A		t1071	Existing
GPS11_035	Pittosporum undulatum	15	20-40	N/A			
GPS11_036	Angophora costata	20	20-40	N/A		t9	Existing
GPS11_037	Glochidion ferdinandi	10	20-40	N/A		t10	Existing
GPS11_038	Lophostemon confertus	20	40-80	N/A			
GPS11_039	Eucalyptus racemosa	20	20-40	N/A			
GPS11_040	Angophora costata	15	20-40	N/A			
GPS11_041	Corymbia gummifera	20	20-40	N/A			
GPS11_042	Casuarina glauca	20	20-40	N/A			
GPS11_043	Casuarina glauca	15	10-20	N/A			
GPS11_044	grevillia robusta	15	10-20	N/A		t7	Existing
GPS11_045	Eucalyptus pilularis	20	20-40	N/A		t6	Existing
GPS11_046	Eucalyptus pilularis	35	80+	N/A	2x nest box	t5	Existing
GPS11_047	Eucalyptus saligna	30	20-40	N/A			
GPS11_048	Glochidion ferdinandi	10	20-40	N/A			
GPS11_049	Casuarina glauca	10	10-20	N/A	Dead tree		
GPS11_050	Eucalyptus punctata	35	40-80	N/A			
GPS11_051	Angophora costata	20	20-40	N/A			
GPS11_052	Eucalyptus saligna	35	40-80	N/A	2x nest box		

GPS11_053	Eucalyptus saligna	35	40-80	N/A			
GPS11_054	Glochidion ferdinandi	10	10-20	N/A			
GPS11_055	Glochidion ferdinandi	11	10-20	N/A			
GPS11_056	Eucalyptus racemosa	20	40-80	N/A			
GPS11_057	Eucalyptus racemosa	15	20-40	N/A	leaning on bus u-turn bay		
GPS11_058	Glochidion ferdinandi	15	10-20	N/A			
GPS11_059	Glochidion ferdinandi	15	10-20	N/A			
GPS11_060	Glochidion ferdinandi	15	10-20	N/A			
GPS11_061	Glochidion ferdinandi	15	10-20	N/A			
GPS11_062	Glochidion ferdinandi	15	10-20	N/A			
GPS11_063	Dead Stag	10	10-20	N/A		t926	Existing
GPS11_064	Hakea sp.	10	10-20	N/A			
GPS11_065	Angophora costata	15	20-40	N/A			
GPS11_066	Glochidion ferdinandi	15	20-40	N/A			
GPS11_067	Corymbia gummifera	15	20-40	N/A			
GPS11_068	Eucalyptus racemosa	20	40-80	N/A			
GPS11_069	Eucalyptus racemosa	15	40-80	N/A			
GPS11_070	Corymbia gummifera	15	20-40	N/A			
GPS11_071	Pittosporum undulatum	15	10-20	N/A			
GPS11_072	Pittosporum undulatum	15	10-20	N/A			
GPS11_073	Pittosporum undulatum	15	20-40	N/A			
GPS11_074	Eucalyptus saligna	35	40-80	N/A			
GPS11_075	Pittosporum undulatum	10	10-20	N/A			
GPS11_076	Eucalyptus racemosa	20	20-40	N/A			
GPS11_077	Pittosporum undulatum	15	20-40	N/A			
GPS11_078	Pittosporum undulatum	10	10-20	N/A			
GPS11_079	Acacia irrorata	10	10-20	N/A			
GPS11_080	Banksia serratta	10	10-20	N/A			
GPS11_081	Glochidion ferdinandi	15	20-40	N/A			
GPS11_082	Pittosporum undulatum	10	20-40	N/A			

GPS11_083	Glochidion ferdinandi	10	10-20	N/A			
GPS11_084	Pittosporum undulatum	10	10-20	N/A			
GPS11_085	Eucalyptus saligna	30	40-80	N/A			
GPS11_086	Angophora costata	25	40-80	N/A			
GPS11_087	Eucalyptus racemosa	25	40-80	N/A		t2	Existing
GPS11_088	Pittosporum undulatum	10	10-20	N/A			
GPS11_089	Corymbia gummifera	30	40-80	N/A			
GPS11_090	Pittosporum undulatum	10	10-20	N/A			
GPS11_091	Corymbia gummifera	25	40-80	N/A			
GPS11_092	Angophora costata	25	40-80	N/A			
GPS11_093	Glochidion ferdinandi	20	20-40	N/A			
GPS11_094	Pittosporum undulatum	15	20-40	N/A			
GPS11_095	Lophostemon confertus	10	20-40	N/A			
GPS11_096	Eucalyptus	20	20-40	N/A			
GPS11_097	Eucalyptus saligna	20	40-80	N/A			
GPS11_098	Eucalyptus	15	10-20	N/A	Dead tree	t25	Existing
GPS11_099	Eucalyptus	25	40-80	N/A			
GPS11_100	Eucalyptus	25	40-80	N/A			
GPS11_101	Eucalyptus	10	20-40	N/A			
GPS11_102	Ficus sp.	25	40-80	N/A			
GPS11_103	Angophora costata	30	40-80	N/A			
GPS11_104	Eucalyptus saligna	25	40-80	N/A			
GPS11_105	Pittosporum undulatum	10	10-20	N/A			
GPS11_106	camphor laurel	15	20-40	N/A			
GPS11_107	Pittosporum undulatum	10	10-20	N/A			
GPS11_108	Corymbia gummifera	20	20-40	N/A			
GPS11_109	Corymbia gummifera	15	20-40	N/A			
GPS11_110	Corymbia gummifera	20	20-40	N/A			
GPS11_111	Allocasuarina littoralis	10	10-20	N/A			
GPS11_112	Corymbia gummifera	15	20-40	N/A		t453	Existing

GPS11_113	Corymbia gummifera	10	10-20	N/A			
GPS11_114	Corymbia gummifera	8	10-20	N/A		t454	Existing
GPS11_115	Corymbia gummifera	10	10-20	N/A			
GPS11_116	Banksia serratta	5	10-20	N/A			
GPS11_117	Corymbia gummifera	15	20-40	N/A		t455	Existing
GPS11_118	Corymbia gummifera	8	10-20	N/A			
GPS11_119	Corymbia gummifera	15	40-80	N/A			
GPS11_120	Allocasuarina littoralis	10	10-20	N/A			
GPS11_121	Corymbia gummifera	10	20-40	N/A			
GPS11_122	Corymbia gummifera	10	20-40	N/A			
GPS11_123	Corymbia gummifera	5	10-20	N/A			
GPS11_124	Corymbia gummifera	10	20-40	N/A			
GPS11_125	Corymbia gummifera	5	10-20	N/A			
GPS11_126	Corymbia gummifera	5	10-20	N/A			
GPS11_127	Angophora costata	15	20-40	N/A			
GPS11_128	Angophora costata	10	10-20	N/A			
GPS11_129	Angophora costata	10	10-20	N/A			
GPS11_130	Angophora costata	10	10-20	N/A			
GPS11_131	Corymbia gummifera	15	20-40	N/A			
GPS11_132	Acacia irrorata	8	10-20	N/A			
GPS11_133	Acacia irrorata	10	10-20	N/A			
GPS11_134	Allocasuarina littoralis	15	20-40	N/A			
GPS11_135	Angophora costata	15	20-40	N/A			
GPS11_136	Acacia irrorata	10	10-20	N/A			
GPS11_137	Acacia irrorata	10	10-20	N/A			
GPS11_138	Angophora costata	8	10-20	N/A			
GPS11_139	Acacia irrorata	10	10-20	N/A			
GPS11_140	Angophora costata	8	10-20	N/A			
GPS11_141	Angophora costata	20	20-40	N/A			
GPS11_142	Acacia irrorata	10	10-20	N/A			

GPS11_143	grevillia robusta	15	10-20	N/A			
GPS11_144	Acacia irrorata	10	10-20	N/A			
GPS11_145	Corymbia gummifera	20	40-80	N/A			
GPS11_146	Corymbia gummifera	20	40-80	N/A			
GPS11_147	Corymbia gummifera	15	20-40	N/A			
GPS11_148	Corymbia gummifera	15	20-40	N/A			
GPS11_149	Corymbia gummifera	8	10-20	N/A			
GPS11_150	Corymbia gummifera	15	20-40	N/A			
GPS11_151	Angophora floribunda	20	20-40	N/A			
GPS11_152	Corymbia gummifera	10	10-20	N/A			
GPS11_153	Corymbia gummifera	15	20-40	N/A			
GPS11_154	Eucalyptus racemosa	12	20-40	N/A			
GPS11_155	Banksia serratta	5	10-20	N/A			
GPS11_156	Corymbia gummifera	15	20-40	N/A			
GPS11_157	Corymbia gummifera	10	10-20	N/A			
GPS11_158	Corymbia gummifera	10	10-20	N/A			
GPS11_159	Corymbia gummifera	15	20-40	N/A			
GPS11_160	Corymbia gummifera	15	20-40	N/A			
GPS11_161	Corymbia gummifera	10	10-20	N/A			
GPS11_162	Eucalyptus racemosa	20	40-80	N/A			
GPS11_163	Eucalyptus racemosa	10	20-40	N/A			
GPS11_164	Corymbia gummifera	15	20-40	N/A			
GPS11_165	Eucalyptus racemosa	10	20-40	N/A			
GPS11_166	Eucalyptus racemosa	8	20-40	N/A			
GPS11_167	Angophora crassifolia	5	10-20	N/A			
GPS11_168	Corymbia gummifera	10	10-20	N/A			
GPS11_169	Glochidion ferdinandi	5	10-20	N/A			
GPS11_170	Eucalyptus saligna	15	20-40	N/A			
GPS11_171	Corymbia gummifera	15	20-40	N/A			
GPS11_172	Eucalyptus saligna	20	20-40	N/A			

GPS11_173	Acacia irrorata	15	20-40	N/A			
GPS11_174	Eucalyptus punctata	15	20-40	No			
GPS11_175	Eucalyptus punctata	15	10-20	No			
GPS11_176	Eucalyptus saligna	20	20-40	No			
GPS11_177	Eucalyptus saligna	20	20-40	No			
GPS11_178	Eucalyptus saligna	15	20-40	No			
GPS11_179	Eucalyptus saligna	25	20-40	No	Nest		
GPS11_180	Eucalyptus punctata	20	20-40	No			
GPS11_181	Corymbia gummifera	10	10-20	No			
GPS11_182	Eucalyptus saligna	20	20-40	No			
GPS11_183	Eucalyptus saligna	20	20-40	No			
GPS11_184	Eucalyptus punctata	20	20-40	Yes		T172	KLF
GPS11_185	Eucalyptus punctata	15	20-40	Yes		T170	KLF
GPS11_186	Eucalyptus punctata	10	10-20	No			
GPS11_187	Corymbia gummifera	12	10-20	No			
GPS11_188	Eucalyptus saligna	20	20-40	No			
GPS11_189	Eucalyptus punctata	20	20-40	No			
GPS11_190	Corymbia gummifera	10	20-40	No			
GPS11_191	Angophora costata	10	10-20	No			
GPS11_192	Corymbia gummifera	20	40-80	Yes		T157	KLF
GPS11_193	Corymbia gummifera	20	20-40	No			
GPS11_194	Corymbia gummifera	10	10-20	No			
GPS11_195	Eucalyptus punctata	20	20-40	No			
GPS11_196	Eucalyptus saligna	15	10-20	No			
GPS11_197	Angophora costata	20	20-40	No			
GPS11_198	Eucalyptus punctata	20	20-40	No			
GPS11_199	Corymbia maculata	20	20-40	No			
GPS11_200	Corymbia maculata	15	20-40	No			
GPS11_201	Angophora costata	15	10-20	No			
GPS11_202	Corymbia maculata	15	10-20	No			

GPS11_203	Corymbia maculata	15	10-20	No			
GPS11_204	Corymbia maculata	20	20-40	No			
GPS11_205	Corymbia maculata	25	20-40	Yes		T173	KLF
GPS11_206	Corymbia maculata	15	10-20	No			
GPS11_207	Corymbia maculata	30	20-40	No			
GPS11_208	Corymbia maculata	15	20-40	No			
GPS11_209	Corymbia maculata	30	20-40	No			
GPS11_210	Corymbia maculata	30	20-40	No			
GPS11_211	Corymbia maculata	15	20-40	No			
GPS11_212	Corymbia maculata	30	20-40	No			
GPS11_213	Corymbia maculata	25	20-40	No			
GPS11_214	Eucalyptus racemosa	10	20-40	No			
GPS11_215	Pittosporum undulatum	5	10-20	No			
GPS11_216	Corymbia maculata	10	10-20	No			
GPS11_217	Corymbia maculata	15	10-20	No			
GPS11_218	Acacia irrorata	8	10-20	No			
GPS11_219	Corymbia maculata	10	10-20	No			
GPS11_220	Allocasuarina littoralis	5	10-20	No			
GPS11_221	Corymbia maculata	10	10-20	No			
GPS11_222	Corymbia maculata	25	20-40	Yes		T191	KLF
GPS11_223	Pittosporum undulatum	5	10-20	No			
GPS11_224	Allocasuarina littoralis	10	10-20	No			
GPS11_225	Eucalyptus saligna	25	20-40	Yes		T175	KLF
GPS11_226	Eucalyptus saligna	20	20-40	No			
GPS11_227	Eucalyptus saligna	20	20-40	No			
GPS11_228	Allocasuarina littoralis	8	10-20	No			
GPS11_229	Eucalyptus saligna	25	20-40	No			
GPS11_230	Eucalyptus saligna	20	20-40	No			
GPS11_231	Allocasuarina littoralis	15	20-40	No			
GPS11_232	Eucalyptus saligna	25	20-40	No			

GPS11_233	Eucalyptus saligna	15	10-20	No			
GPS11_234	Angophora costata	10	10-20	No			
GPS11_235	Eucalyptus saligna	25	20-40	No			
GPS11_236	Eucalyptus saligna	20	20-40	No			
GPS11_237	Eucalyptus saligna	10	10-20	No			
GPS11_238	Eucalyptus saligna	15	10-20	No			
GPS11_239	Acacia irrorata	10	10-20	No			
GPS11_240	Eucalyptus saligna	15	10-20	No			
GPS11_241	Eucalyptus saligna	25	40-80	Yes		T156	KLF
GPS11_242	Eucalyptus punctata	10	10-20	No			
GPS11_243	Eucalyptus saligna	15	10-20	No			
GPS11_244	Acacia irrorata	15	10-20	No			
GPS11_245	Eucalyptus punctata	20	20-40	No			
GPS11_246	Eucalyptus punctata	20	20-40	Yes		T176	KLF
GPS11_247	Allocasuarina littoralis	10	10-20	No			
GPS11_248	Acacia sp	10	10-20	No			
GPS11_249	Eucalyptus punctata	10	10-20	No			
GPS11_250	Eucalyptus punctata	20	20-40	No			
GPS11_251	Eucalyptus saligna	25	20-40	No			
GPS11_252	Eucalyptus punctata	15	10-20	No			
GPS11_253	Eucalyptus saligna	15	10-20	No			
GPS11_254	Eucalyptus saligna	15	10-20	No			
GPS11_255	Eucalyptus saligna	10	10-20	No			
GPS11_256	Eucalyptus punctata	10	10-20	No			
GPS11_257	Acacia irrorata	15	10-20	No			
GPS11_258	Acacia irrorata	15	10-20	No			
GPS11_259	Acacia irrorata	15	20-40	No			
GPS11_260	Eucalyptus saligna	30	40-80	Yes		T155	KLF
GPS11_261	Eucalyptus saligna	15	10-20	No			
GPS11_262	Eucalyptus saligna	25	20-40	No			

GPS11_263	Eucalyptus saligna	15	10-20	No			
GPS11_264	Acacia irrorata	10	10-20	No			
GPS11_265	Eucalyptus saligna	20	20-40	No			
GPS11_266	Eucalyptus saligna	15	10-20	No			
GPS11_267	Eucalyptus saligna	10	10-20	No			
GPS11_268	Acacia irrorata	15	20-40	No			
GPS11_269	Acacia irrorata	10	10-20	No			
GPS11_270	Allocasuarina littoralis	10	10-20	No			
GPS11_271	Allocasuarina littoralis	10	10-20	No			
GPS11_272	Melaleuca	10	10-20	No			
GPS11_273	Allocasuarina littoralis	10	10-20	No			
GPS11_274	Allocasuarina littoralis	10	10-20	No			
GPS11_275	Allocasuarina littoralis	10	10-20	No			
GPS11_276	Eucalyptus racemosa	25	40-80	Yes		T153	KLF
GPS11_277	Eucalyptus racemosa	15	40-80	Yes		T154	KLF
GPS11_278	Eucalyptus saligna	30	40-80	N/A			
GPS11_279	Corymbia gummifera	20	20-40	No			
GPS11_280	Corymbia gummifera	20	20-40	No			
GPS11_281	Corymbia gummifera	10	20-40	No			
GPS11_282	Corymbia gummifera	20	20-40	No			
GPS11_283	Corymbia gummifera	15	20-40	No			
GPS11_284	Eucalyptus saligna	20	20-40	No			
GPS11_285	Corymbia gummifera	15	10-20	Yes		T169	KLF
GPS11_286	Corymbia gummifera	15	10-20	No			
GPS11_287	Corymbia gummifera	10	10-20	No			
GPS11_288	Eucalyptus saligna	10	10-20	No			
GPS11_289	Corymbia gummifera	25	40-80	Yes		T152	KLF
GPS11_290	Eucalyptus saligna	20	20-40	No			
GPS11_291	Eucalyptus saligna	15	20-40	No			
GPS11_292	Eucalyptus saligna	15	10-20	No			

GPS11_293	Eucalyptus punctata	15	20-40	No			
GPS11_294	Eucalyptus saligna	20	20-40	No	Birds nest		
GPS11_295	Eucalyptus pilularis	20	20-40	No			
GPS11_296	Angophora costata	15	10-20	No			
GPS11_297	Corymbia gummifera	25	40-80	N/A			
GPS11_298	Corymbia gummifera	25	20-40	N/A			
GPS11_299	Corymbia gummifera	20	20-40	N/A			
GPS11_300	Corymbia gummifera	15	20-40	N/A			
GPS10_300	Corymbia gummifera	10	10-20	No			
GPS10_301	Eucalyptus saligna	15	10-20	No			
GPS10_302	Eucalyptus saligna	20	10-20	No			
GPS10_303	Eucalyptus saligna	35	20-40	No			
GPS10_304	Eucalyptus saligna	15	10-20	No			
GPS10_305	Eucalyptus saligna	10	10-20	No			
GPS10_306	Eucalyptus saligna	25	20-40	No			
GPS10_307	Eucalyptus saligna	20	10-20	No			
GPS10_308	Corymbia maculata	12	10-20	No			
GPS10_309	Corymbia maculata	12	10-20	No			
GPS10_310	Corymbia maculata	35	20-40	No			
GPS10_311	Eucalyptus pilularis	12	10-20	No			
GPS10_312	Eucalyptus pilularis	20	10-20	No			
GPS10_313	Eucalyptus pilularis	15	10-20	No			
GPS10_314	Eucalyptus pilularis	20	10-20	No			
GPS10_315	Allocasuarina littoralis	12	10-20	No			
GPS10_316	Eucalyptus saligna	15	20-40	No			
GPS10_317	Eucalyptus saligna	35	40-80	Yes		T64	KLF
GPS10_318	Eucalyptus pilularis	12	10-20	No			
GPS10_319	Eucalyptus saligna	35	40-80	Yes		t88	Existing
GPS10_320	Eucalyptus saligna	35	40-80	No			
GPS10_321	Eucalyptus saligna	30	20-40	No			

GPS10_322	Lophostemon confertus	5	10-20	Yes		T63	KLF
GPS10_323	Corymbia gummifera	20	20-40	Yes		T198	KLF
GPS10_324	Pittosporum undulatum	20	10-20	No			
GPS10_325	Pittosporum undulatum	15	10-20	No			
GPS10_326	Pittosporum undulatum	15	10-20	No			
GPS10_327	Corymbia gummifera	10	10-20	No			
GPS10_328	Corymbia gummifera	20	20-40	Yes		T197	KLF
GPS10_329	Eucalyptus racemosa	20	20-40	No			
GPS10_330	Eucalyptus racemosa	12	10-20	No			
GPS10_331	Eucalyptus racemosa	30	20-40	No			
GPS10_332	Eucalyptus racemosa	15	20-40	No			
GPS10_333	Corymbia gummifera	8	10-20	No			
GPS10_334	Eucalyptus pilularis	20	20-40	No			
GPS10_335	Eucalyptus	5	10-20	No			
GPS10_336	Allocasuarina littoralis	12	10-20	No			
GPS10_337	Acacia irrorata	15	10-20	No			
GPS10_338	Eucalyptus racemosa	20	40-80	Yes		t93	Existing
GPS10_339	Allocasuarina littoralis	10	10-20	No			
GPS10_340	Allocasuarina littoralis	5	10-20	No			
GPS10_341	Eucalyptus racemosa	20	40-80	Yes		T22	KLF
GPS10_342	Allocasuarina littoralis	10	10-20	No			
GPS10_343	Corymbia gummifera	15	10-20	No			
GPS10_344	Eucalyptus racemosa	25	20-40	Yes	Ringtail possum seen in tree	T23	KLF
GPS10_345	Acacia irrorata	15	10-20	No			
GPS10_346	Acacia irrorata	10	10-20	No			
GPS10_347	Allocasuarina littoralis	10	10-20	No			
GPS10_348	Allocasuarina littoralis	10	10-20	No			
GPS10_349	Acacia irrorata	15	10-20	No			
GPS10_350	Acacia irrorata	10	10-20	No			
GPS10_351	Corymbia gummifera	20	20-40	Yes		T20	KLF

GPS10_352	Corymbia gummifera	20	20-40	No			
GPS10_353	Eucalyptus racemosa	10	20-40	No	Part dead		
GPS10_354	Corymbia gummifera	20	20-40	No			
GPS10_355	Corymbia gummifera	15	20-40	No			
GPS10_356	Corymbia gummifera	25	20-40	No			
GPS10_357	Corymbia gummifera	25	20-40	No			
GPS10_358	Acacia irrorata	15	10-20	No			
GPS10_359	Acacia irrorata	5	10-20	No			
GPS10_360	Corymbia gummifera	20	20-40	Yes		T21	KLF
GPS10_361	Corymbia gummifera	15	20-40	No			
GPS10_362	Corymbia gummifera	20	20-40	Yes		T62	KLF
GPS10_363	Corymbia gummifera	10	10-20	No			
GPS10_364	Corymbia gummifera	25	20-40	No			
GPS10_365	Corymbia gummifera	15	20-40	Yes		T10	KLF
GPS10_366	Corymbia gummifera	15	10-20	No			
GPS10_367	Eucalyptus racemosa	10	10-20	No			
GPS10_368	Corymbia gummifera	25	20-40	Yes		T18	KLF
GPS10_369	Banksia serratta	5	10-20	No			
GPS10_370	Corymbia gummifera	25	40-80	No			
GPS10_371	Corymbia gummifera	25	40-80	Yes		T9	KLF
GPS10_372	Corymbia gummifera	15	20-40	No			
GPS10_373	Corymbia gummifera	10	10-20	No			
GPS10_374	Corymbia gummifera	15	10-20	No			
GPS10_375	Corymbia gummifera	10	10-20	No			
GPS10_376	Corymbia gummifera	10	10-20	No			
GPS10_377	Corymbia gummifera	15	20-40	No			
GPS10_378	Corymbia gummifera	10	10-20	No			
GPS10_379	Corymbia gummifera	15	10-20	No			
GPS10_380	Corymbia gummifera	20	20-40	No			
GPS10_381	Corymbia gummifera	12	20-40	No			

GPS10_382	Banksia serratta	8	10-20	Yes		T35	KLF
GPS10_383	Corymbia gummifera	10	10-20	No			
GPS10_384	Corymbia gummifera	15	10-20	No			
GPS10_385	Corymbia gummifera	10	10-20	No			
GPS10_386	Corymbia gummifera	20	20-40	Yes		T7	KLF
GPS10_387	Corymbia gummifera	25	40-80	Yes		t39	Existing
GPS10_388	Corymbia gummifera	15	20-40	Yes		t40	Existing
GPS10_389	Allocasuarina littoralis	10	10-20	No		t42	Existing
GPS10_390	Banksia serratta	5	10-20	Yes		t41	Existing
GPS10_391	Corymbia gummifera	12	20-40	No		t31	Existing
GPS10_392	Eucalyptus racemosa	20	40-80	Yes		t34	Existing
GPS10_393	Corymbia gummifera	20	20-40	No			
GPS10_394	Corymbia gummifera	10	10-20	No			
GPS10_395	Corymbia gummifera	8	10-20	No			
GPS10_396	Corymbia gummifera	25	20-40	No			
GPS10_397	Corymbia gummifera	20	20-40	Yes		T11	KLF
GPS10_398	Corymbia gummifera	8	10-20	No			
GPS10_399	Eucalyptus saligna	30	20-40	No			
GPS10_400	Corymbia gummifera	10	10-20	No			
GPS10_401	Corymbia gummifera	8	10-20	No			
GPS10_402	Acacia irrorata	10	10-20	No			
GPS10_403	Corymbia gummifera	20	20-40	Yes		T12	KLF
GPS10_404	Corymbia gummifera	15	20-40	No			
GPS10_405	Corymbia gummifera	10	10-20	No			
GPS10_406	Eucalyptus saligna	20	10-20	No			
GPS10_407	Corymbia gummifera	20	20-40	Yes		T8	KLF
GPS10_408	Allocasuarina littoralis	10	10-20	No			
GPS10_409	Corymbia gummifera	10	10-20	No			
GPS10_410	Corymbia gummifera	10	10-20	No			
GPS10_411	Corymbia gummifera	8	10-20	No			

GPS10_412	Corymbia gummifera	20	20-40	No			
GPS10_413	Corymbia gummifera	20	20-40	No		t32	Existing
GPS10_414	Corymbia gummifera	25	40-80	No		T33	KLF
GPS10_415	Corymbia gummifera	12	20-40	No			
GPS10_416	Corymbia gummifera	8	20-40	No			
GPS10_417	Corymbia gummifera	18	20-40	Yes		T44	KLF
GPS10_418	Eucalyptus saligna	15	10-20	No			
GPS10_419	Corymbia gummifera	12	10-20	No			
GPS10_420	Corymbia gummifera	20	20-40	No			
GPS10_421	Eucalyptus saligna	35	20-40	No			
GPS10_422	Eucalyptus saligna	15	10-20	No			
GPS10_423	Eucalyptus saligna	15	10-20	No			
GPS10_424	Eucalyptus saligna	20	20-40	No			
GPS10_425	Eucalyptus saligna	10	10-20	No			
GPS10_426	Eucalyptus saligna	10	10-20	No			
GPS10_427	Eucalyptus racemosa	20	20-40	No			
GPS10_428	Corymbia gummifera	8	10-20	No			
GPS10_429	Eucalyptus saligna	20	10-20	No		T13	KLF
GPS10_430	Eucalyptus saligna	10	10-20	No			
GPS10_431	Eucalyptus saligna	20	10-20	No			
GPS10_432	Eucalyptus saligna	10	10-20	No			
GPS10_433	Eucalyptus saligna	10	10-20	No			
GPS10_434	Eucalyptus saligna	35	20-40	No			
GPS10_435	Eucalyptus saligna	35	40-80	No			
GPS10_436	Eucalyptus saligna	25	20-40	No			
GPS10_437	Eucalyptus saligna	20	20-40	No			
GPS10_438	Banksia serratta	10	20-40	No			
GPS10_439	Banksia serratta	12	10-20	No			
GPS10_440	Pittosporum undulatum	5	10-20	No			
GPS10_441	Acacia irrorata	15	10-20	No			

GPS10_442	Melaleuca	10	20-40	Yes		T45	KLF
GPS10_443	Corymbia gummifera	20	20-40	No			
GPS10_444	Corymbia gummifera	20	20-40	Yes		T47	KLF
GPS10_445	Glochidion ferdinandi	12	10-20	No			
GPS10_446	Corymbia gummifera	20	20-40	No			
GPS10_447	Corymbia gummifera	20	20-40	No			
GPS10_448	Corymbia gummifera	15	20-40	No			
GPS10_449	Corymbia gummifera	8	10-20	No			
GPS10_450	Corymbia gummifera	15	10-20	No			
GPS10_451	Corymbia gummifera	8	10-20	No	Dead tree		
GPS10_452	Corymbia gummifera	20	20-40	Yes		T43	KLF
GPS10_453	Corymbia gummifera	5	10-20	No			
GPS10_454	Eucalyptus racemosa	25	80+	Yes	termites present	T39	KLF
GPS10_455	Banksia serratta	5	10-20	Yes		T40	KLF
GPS10_456	Corymbia gummifera	12	10-20	No			
GPS10_457	Banksia serratta	5	10-20	Yes		T41	
GPS10_458	Corymbia gummifera	18	20-40	No			
GPS10_459	Banksia serratta	5	10-20	No			
GPS10_460	Corymbia gummifera	10	10-20	Yes		T42	KLF
GPS10_461	Corymbia gummifera	20	20-40	Yes		T59	KLF
GPS10_462	Corymbia gummifera	10	10-20	No			
GPS10_463	Corymbia gummifera	20	20-40	No			
GPS10_464	Allocasuarina littoralis	12	10-20	No			
GPS10_465	Allocasuarina littoralis	10	10-20	No			
GPS10_466	Eucalyptus saligna	25	20-40	No			
GPS10_467	Pittosporum undulatum	10	10-20	No			
GPS10_468	Corymbia maculata	12	20-40	No			
GPS10_469	Eucalyptus racemosa	20	40-80	Yes		T49	KLF
GPS10_470	Eucalyptus saligna	30	40-80	Yes		T48	KLF
GPS10_471	Pittosporum undulatum	6	10-20	No			

GPS10_472	Ceropetalum reticul	8	10-20	No			
GPS10_473	Acacia irrorata	10	10-20	No			
GPS10_474	Corymbia gummifera	10	10-20	No			
GPS10_475	Eucalyptus racemosa	20	40-80	Yes		T56	
GPS10_476	Eucalyptus racemosa	20	40-80	Yes		T57	
GPS10_477	Corymbia gummifera	12	20-40	No			
GPS10_478	Corymbia gummifera	10	10-20	No			
GPS10_479	Eucalyptus microcarpa	20	20-40	Yes		T15	KLF
GPS10_480	Eucalyptus racemosa	10	20-40	Yes		T53	KLF
GPS10_481	Angophora costata	8	10-20	Yes		T54	KLF
GPS10_482	Dead Stag	12	20-40	No			
GPS10_483	Dead Stag	12	10-20	No			
GPS10_484	Pittosporum undulatum	8	10-20	No			
GPS10_485	Eucalyptus punctata	25	20-40	No			
GPS10_486	Angophora costata	25	40-80	Yes		T14	KLF
GPS10_487	Acacia irrorata	15	10-20	No			
GPS10_488	Allocasuarina littoralis	8	10-20	No			
GPS10_489	Corymbia gummifera	5	10-20	No			
GPS10_490	Pittosporum undulatum	8	10-20	No			
GPS10_491	Angophora costata	15	20-40	Yes		T19	KLF
GPS10_492	Allocasuarina littoralis	10	10-20	No			
GPS10_493	Allocasuarina littoralis	15	20-40	Yes		T51	KLF
GPS10_494	Glochidion ferdinandi	5	10-20	Yes		T50	
GPS10_495	Allocasuarina littoralis	10	10-20	No			
GPS10_496	Corymbia gummifera	20	20-40	No		t31	Existing
GPS10_497	Corymbia gummifera	5	10-20	No		t35	Existing
GPS10_498	Corymbia gummifera	10	20-40	No		t30	Existing
GPS10_499	Corymbia gummifera	20	20-40	Yes		t38,T5	existing & KLF
GPS10_500	Corymbia gummifera	20	20-40	No			
GPS10_501	Corymbia gummifera	15	20-40	No			

GPS10_502	Eucalyptus racemosa	10	20-40	Yes		T4	KLF
GPS10_503	Eucalyptus racemosa	15	40-80	No			
GPS10_504	Corymbia gummifera	20	20-40	Yes		T38	KLF
GPS10_505	Allocasuarina littoralis	10	10-20	No			
GPS10_506	Allocasuarina littoralis	10	10-20	No			
GPS10_507	Corymbia gummifera	15	20-40	No			
GPS10_508	Allocasuarina littoralis	10	10-20	No			
GPS10_509	Corymbia gummifera	20	20-40	No			
GPS10_510	Corymbia gummifera	10	20-40	No			
GPS10_511	Corymbia gummifera	15	40-80	No			
GPS10_512	Corymbia gummifera	10	10-20	No			
GPS10_513	Angophora crassifolia	8	10-20	No			
GPS10_514	Allocasuarina littoralis	10	10-20	No			
GPS10_515	Allocasuarina littoralis	12	10-20	No			
GPS10_516	Corymbia gummifera	15	20-40	No			
GPS10_517	Allocasuarina littoralis	10	20-40	No		t43	Existing
GPS10_518	Corymbia gummifera	25	40-80	Yes		t44	Existing
GPS10_519	Pittosporum undulatum	5	10-20	No			
GPS10_520	Angophora crassifolia	8	10-20	No			
GPS10_521	Acacia sp	8	10-20	No			
GPS10_522	Allocasuarina littoralis	12	20-40	No			
GPS10_523	Allocasuarina littoralis	10	10-20	No			
GPS10_524	Corymbia gummifera	10	10-20	No			
GPS10_525	Allocasuarina littoralis	10	10-20	No			
GPS10_526	Allocasuarina littoralis	6	10-20	No			
GPS10_527	Pittosporum undulatum	4	10-20	No			
GPS10_528	Allocasuarina littoralis	15	10-20	No			
GPS10_529	Allocasuarina littoralis	8	10-20	No			
GPS10_530	Allocasuarina littoralis	8	10-20	No			
GPS10_531	Allocasuarina littoralis	8	10-20	No			

GPS10_532	Corymbia gummifera	12	10-20	Yes		T52	KLF
GPS10_533	Allocasuarina littoralis	20	10-20	No			
GPS10_534	Allocasuarina littoralis	15	10-20	No			
GPS10_535	Allocasuarina littoralis	15	10-20	No			
GPS10_536	Allocasuarina littoralis	15	10-20	No			
GPS10_537	Allocasuarina littoralis	12	10-20	No			
GPS10_538	Allocasuarina littoralis	10	10-20	No			
GPS10_539	Corymbia gummifera	20	20-40	No			
GPS10_540	Corymbia gummifera	20	20-40	Yes		T1	KLF
GPS10_541	Corymbia gummifera	15	20-40	No			
GPS10_542	Corymbia gummifera	15	20-40	No			
GPS10_543	Corymbia gummifera	20	20-40	No		t25	Existing
GPS10_544	Corymbia gummifera	15	10-20	No		t24	Existing
GPS10_545	Corymbia gummifera	20	20-40	Yes		t23	Existing
GPS10_546	Allocasuarina littoralis	10	10-20	No	Dead tree		
GPS10_547	Allocasuarina littoralis	10	10-20	No	Dead tree		
GPS10_548	Corymbia gummifera	15	20-40	No		t22	Existing
GPS10_549	Angophora costata	8	10-20	No		t21	Existing
GPS10_550	Angophora costata	10	10-20	No		t20	Existing
GPS10_551	Allocasuarina littoralis	8	10-20	No		t19	Existing
GPS10_552	Eucalyptus saligna	30	40-80	Yes		t18	Existing
GPS10_553	Allocasuarina littoralis	10	20-40	No			
GPS10_554	Allocasuarina littoralis	10	10-20	No			
GPS10_555	Allocasuarina littoralis	10	10-20	No			
GPS10_556	Corymbia gummifera	18	20-40	No		t26	Existing
GPS10_557	Corymbia gummifera	15	20-40	No		t27	Existing
GPS10_558	Eucalyptus racemosa	10	10-20	No			
GPS10_559	Allocasuarina littoralis	8	10-20	No			
GPS10_560	Corymbia gummifera	10	10-20	No			
GPS10_561	Allocasuarina littoralis	10	10-20	No			

GPS10_562	Corymbia gummifera	15	10-20	No			
GPS10_563	Corymbia gummifera	12	10-20	No			
GPS10_564	Angophora crassifolia	8	10-20	No			
GPS10_565	Corymbia gummifera	20	20-40	Yes		T3	KLF
GPS10_566	Allocasuarina littoralis	10	10-20	No			
GPS10_567	Allocasuarina littoralis	10	10-20	No			
GPS10_568	Corymbia gummifera	15	10-20	No			
GPS10_569	Eucalyptus racemosa	15	40-80	No			
GPS10_570	Corymbia gummifera	20	20-40	Yes		T37	KLF
GPS10_571	Corymbia gummifera	20	20-40	No			
GPS10_572	Corymbia gummifera	20	20-40	Yes		T6	KLF
GPS10_573	Allocasuarina littoralis	10	10-20	No			
GPS10_574	Corymbia gummifera	18	20-40	No			
GPS10_575	Corymbia gummifera	20	20-40	No			
GPS10_576	Allocasuarina littoralis	12	10-20	No			
GPS10_577	Corymbia gummifera	18	20-40	No			
GPS10_578	Corymbia gummifera	8	10-20	No			
GPS10_579	Corymbia gummifera	20	20-40	No		t30	Existing
GPS10_580	Corymbia gummifera	12	10-20	No			
GPS10_581	Acacia irrorata	8	10-20	No			
GPS10_582	Corymbia gummifera	10	10-20	No			
GPS10_583	Corymbia gummifera	15	20-40	Yes		T2	KLF
GPS10_584	Allocasuarina littoralis	8	10-20	No			
GPS10_585	Allocasuarina littoralis	10	10-20	No			
GPS10_586	Allocasuarina littoralis	15	10-20	No			
GPS10_587	Corymbia gummifera	12	10-20	No			
GPS10_588	Allocasuarina littoralis	10	10-20	No			
GPS10_589	Corymbia gummifera	20	20-40	No		t8	Existing
GPS10_590	Allocasuarina littoralis	10	10-20	No			
GPS10_591	Allocasuarina littoralis	10	10-20	No			

GPS10_592	Allocasuarina littoralis	8	10-20	No			
GPS10_593	Allocasuarina littoralis	8	10-20	No			
GPS10_594	Allocasuarina littoralis	10	10-20	No			
GPS10_595	Allocasuarina littoralis	10	10-20	No			
GPS10_596	Corymbia gummifera	15	10-20	Yes		T60	KLF
GPS10_597	Allocasuarina littoralis	12	10-20	No			
GPS10_598	Allocasuarina littoralis	10	10-20	No			
GPS10_599	Allocasuarina littoralis	12	10-20	No			
GPS10_600	Corymbia gummifera	15	10-20	No			
GPS10_601	Corymbia gummifera	15	20-40	No			
GPS10_602	Corymbia gummifera	25	40-80	Yes		T16	KLF
GPS10_603	Corymbia gummifera	25	20-40	No			
GPS10_604	Eucalyptus racemosa	8	10-20	No			
GPS10_605	Corymbia gummifera	20	20-40	No			
GPS10_606	Corymbia gummifera	20	20-40	Yes		T17	KLF
GPS10_607	Corymbia gummifera	20	20-40	No			
GPS10_608	Corymbia gummifera	12	10-20	No			
GPS10_609	Allocasuarina littoralis	10	10-20	No			
GPS10_610	Corymbia gummifera	8	10-20	No			
GPS10_611	Corymbia gummifera	8	10-20	No			
GPS10_612	Corymbia gummifera	12	10-20	No			
GPS10_613	Corymbia gummifera	20	20-40	No			
GPS10_614	Corymbia gummifera	15	10-20	No			
GPS10_615	Corymbia gummifera	15	10-20	No			
GPS10_616	Allocasuarina littoralis	10	10-20	No			
GPS10_617	Corymbia gummifera	10	10-20	No			
GPS10_618	Corymbia gummifera	20	40-80	No			
GPS10_619	Corymbia gummifera	10	10-20	No			
GPS10_620	Melaleuca	8	10-20	No			
GPS10_621	Allocasuarina littoralis	10	20-40	N/A			

GPS10_622	Acacia irrorata	20	20-40	N/A			
GPS10_623	Angophora costata	15	20-40	N/A			
GPS10_624	Eucalyptus saligna	35	40-80	N/A			
GPS10_625	Eucalyptus saligna	35	20-40	N/A			
GPS10_626	Eucalyptus saligna	30	20-40	N/A			
GPS10_627	Pittosporum undulatum	10	10-20	N/A			
GPS10_628	Banksia serratta	5	10-20	No			
GPS10_629	Corymbia gummifera	12	10-20	No			
GPS10_630	Acacia irrorata	10	10-20	No			
GPS10_631	Melaleuca	8	10-20	No			
GPS10_632	Eucalyptus punctata	15	20-40	No			
GPS10_633	camphor laurel	10	10-20	N/A			
GPS10_634	Acacia sp	12	10-20	N/A			
GPS10_635	Corymbia gummifera	15	10-20	No			
GPS10_636	Eucalyptus saligna	15	10-20	N/A			
GPS10_637	Angophora crassifolia	6	10-20	N/A			
GPS10_638	Eucalyptus saligna	30	20-40	N/A			
GPS10_639	Eucalyptus racemosa	15	40-80	No			
GPS10_640	Melaleuca	8	10-20	No			
GPS10_641	Melaleuca	8	10-20	No			
GPS10_642	Eucalyptus saligna	25	20-40	No			
GPS10_643	Eucalyptus saligna	35	20-40	No			
GPS10_644	Eucalyptus racemosa	6	10-20	No			
GPS10_645	Eucalyptus saligna	12	10-20	No			
GPS10_646	Eucalyptus saligna	10	10-20	No			
GPS10_647	Eucalyptus saligna	12	10-20	N/A			
GPS10_648	Eucalyptus saligna	15	10-20	N/A			
GPS10_649	Eucalyptus saligna	15	10-20	N/A			
GPS10_650	Eucalyptus saligna	15	10-20	N/A			
GPS10_651	Eucalyptus saligna	25	20-40	N/A			

GPS10_652	Corymbia gummifera	15	20-40	No			
GPS10_653	Banksia serratta	15	20-40	No			
GPS10_654	Melaleuca	10	20-40	No			
GPS10_655	Acacia sp	8	10-20	No			
GPS10_656	Allocasuarina littoralis	12	10-20	No			
GPS10_657	Melaleuca	8	10-20	No			
GPS10_658	Acacia sp	8	10-20	No			
GPS10_659	Allocasuarina littoralis	6	10-20	No			
GPS10_660	Allocasuarina littoralis	8	10-20	No			
GPS10_661	Acacia sp	8	10-20	No			
GPS10_662	Lophostemon confertus	25	20-40	No			
GPS10_663	Lophostemon confertus	10	10-20	Yes		T168	KLF
GPS10_664	Eucalyptus saligna	35	20-40	No			
GPS10_665	Eucalyptus saligna	25	20-40	No			
GPS10_666	Eucalyptus saligna	12	10-20	No			
GPS10_667	Acacia sp	5	10-20	No			
GPS10_668	Eucalyptus saligna	30	20-40	No			
GPS10_669	Eucalyptus saligna	30	20-40	No			
GPS10_670	Banksia serratta	15	20-40	N/A			
GPS10_671		5	10-20	N/A			
GPS10_672	Corymbia gummifera	25	20-40	N/A			
GPS10_673	Banksia serratta	18	20-40	No			
GPS10_674	Allocasuarina littoralis	15	20-40	N/A			
GPS10_675	Banksia serratta	8	10-20	Yes		T163	KLF
GPS10_676	Corymbia gummifera	12	10-20	No			
GPS10_677	Eleaocarpus reticulatus	12	10-20	Yes		T162	KLF
GPS10_678	Eucalyptus punctata	10	20-40	No			
GPS10_679	Allocasuarina littoralis	8	10-20	N/A			
GPS10_680	Eucalyptus	20	20-40	N/A			
GPS10_681	Banksia serratta	8	10-20	Yes		T78	KLF

GPS10_682	Eucalyptus	20	20-40	N/A			
GPS10_683	Allocasuarina littoralis	20	20-40	N/A			
GPS10_684	Allocasuarina littoralis	15	10-20	No			
GPS10_685	Allocasuarina littoralis	8	10-20	No			
GPS10_686	Allocasuarina littoralis	12	10-20	N/A			
GPS10_687	Allocasuarina littoralis	10	10-20	N/A			
GPS10_688	Allocasuarina littoralis	12	10-20	N/A			
GPS10_689	Allocasuarina littoralis	10	10-20	N/A			
GPS10_690	Allocasuarina littoralis	10	10-20	No			
GPS10_691	Eucalyptus	15	10-20	No			
GPS10_692	Eucalyptus	15	10-20	No			
GPS10_693	Eucalyptus	12	10-20	No			
GPS10_694	Corymbia gummifera	5	10-20	No			
GPS10_695	Allocasuarina littoralis	10	10-20	Yes		T79	KLF
GPS10_696	Allocasuarina littoralis	12	10-20	No			
GPS10_697	Allocasuarina littoralis	12	10-20	No			
GPS10_698	Allocasuarina littoralis	8	10-20	No			
GPS10_699	Allocasuarina littoralis	12	10-20	No			
GPS10_700	Allocasuarina littoralis	10	10-20	No			
GPS10_701	Dead Stag	4	20-40	No			
GPS10_702	Allocasuarina littoralis	10	10-20	No			
GPS10_703	Allocasuarina littoralis	12	10-20	No			
GPS10_704	Allocasuarina littoralis	15	10-20	Yes		T82	KLF
GPS10_705	Allocasuarina littoralis	10	10-20	No			
GPS10_706	Allocasuarina littoralis	10	10-20	No			
GPS10_707	Corymbia gummifera	15	20-40	Yes		T84	KLF
GPS10_708	Dead Stag	5	20-40	No			
GPS10_709	Allocasuarina littoralis	12	10-20	Yes		T83	KLF
GPS10_710	Dead Stag	5	20-40	No			
GPS10_711	Allocasuarina littoralis	8	10-20	No			

GPS10_712	Allocasuarina littoralis	8	10-20	No			
GPS10_713	Dead Stag	8	40-80	Yes		T81	KLF
GPS10_714	Allocasuarina littoralis	10	10-20	No			
GPS10_715	Allocasuarina littoralis	8	10-20	No			
GPS10_716	Allocasuarina littoralis	15	10-20	Yes		T80	KLF
GPS10_717	Corymbia gummifera	5	10-20	No			
GPS10_718	Corymbia gummifera	5	10-20	No			
GPS10_719	Kunzea ambigua	3.	10-20	Yes		t78	Existing
GPS10_720	Acacia irrorata	15	20-40	No			
GPS10_721	Allocasuarina littoralis	15	20-40	No			
GPS10_722	Allocasuarina littoralis	12	10-20	No			
GPS10_723	Allocasuarina littoralis	10	10-20	No			
GPS10_724	Allocasuarina littoralis	8	10-20	No			
GPS10_725	Allocasuarina littoralis	12	10-20	No			
GPS10_726	Eucalyptus racemosa	20	40-80	Yes		T85	KLF
GPS10_727	Allocasuarina littoralis	15	10-20	No		t80	Existing
GPS10_728	Allocasuarina littoralis	12	10-20	No			
GPS10_729	Allocasuarina littoralis	18	10-20	No			
GPS10_730	Allocasuarina littoralis	15	10-20	Yes		T?	KLF
GPS10_731	Allocasuarina littoralis	12	10-20	No			
GPS10_732	Allocasuarina littoralis	10	10-20	No			
GPS10_733	Allocasuarina littoralis	12	10-20	No			
GPS10_734	Allocasuarina littoralis	15	10-20	No			
GPS10_735	Dead Stag	15	10-20	No			
GPS10_736	Melaleuca stypheloides	20	10-20	No			
GPS10_737	Dead Stag	10	10-20	No			
GPS10_738	Homolanthus	8	10-20	No			
GPS10_739	Syzygium paniculatum	25	20-40	Yes		T75	KLF
GPS10_740	Syzygium paniculatum	8	10-20	Yes		T77	KLF
GPS10_741	Syzygium paniculatum	8	10-20	Yes		T76	KLF

GPS10_742	Lophostemon confertus	25	20-40	Yes		t71	Existing
GPS10_743	Eucalyptus resinifera	30	40-80	Yes		t70	Existing
GPS10_744	Allocasuarina littoralis	8	10-20	No			
GPS10_745	Eucalyptus resinifera	30	40-80	Yes		t69	Existing
GPS10_746	Pittosporum undulatum	10	10-20	No			
GPS10_747	Allocasuarina littoralis	8	10-20	No			
GPS10_748	Dead Stag	6	10-20	No			
GPS10_749	Corymbia gummifera	10	10-20	No			
GPS10_750	Corymbia gummifera	15	10-20	No			
GPS10_751	Eucalyptus pilularis	12	10-20	No			
GPS10_752	Eucalyptus pilularis	25	20-40	No			
GPS10_753	Corymbia gummifera	10	20-40	No			
GPS10_754	Eucalyptus pilularis	8	10-20	No			
GPS10_755	Eucalyptus resinifera	35	40-80	Yes		T74	KLF
GPS10_756	Eucalyptus pilularis	15	10-20	No			
GPS10_757	Eucalyptus pilularis	25	20-40	No			
GPS10_758	Corymbia gummifera	15	20-40	No			
GPS10_759	Allocasuarina littoralis	8	10-20	No			
GPS10_760	Eucalyptus pilularis	15	10-20	No			
GPS10_761	Angophora costata	15	10-20	No			
GPS10_762	Eucalyptus resinifera	30	40-80	Yes		T73	KLF
GPS10_763	Eucalyptus pilularis	12	10-20	No			
GPS10_764	Angophora costata	25	20-40	Yes		t66	Existing
GPS10_765	Corymbia gummifera	20	20-40	No			
GPS10_766	Corymbia gummifera	15	20-40	No			
GPS10_767	Eucalyptus pilularis	15	10-20	No			
GPS10_768	Eucalyptus pilularis	15	10-20	No			
GPS10_769	Allocasuarina littoralis	10	10-20	No			
GPS10_770	Allocasuarina littoralis	8	10-20	No			
GPS10_771	Acacia irrorata	25	40-80	No			

GPS10_772	Allocasuarina littoralis	15	10-20	No			
GPS10_773	Allocasuarina littoralis	15	10-20	No			
GPS10_774	Allocasuarina littoralis	12	10-20	No			
GPS10_775	Allocasuarina littoralis	12	10-20	No			
GPS10_776	Allocasuarina littoralis	15	10-20	No			
GPS10_777	Allocasuarina littoralis	15	10-20	No			
GPS10_778	Allocasuarina littoralis	15	10-20	No			
GPS10_779	Allocasuarina littoralis	12	10-20	No			
GPS10_780	Allocasuarina littoralis	12	10-20	Yes		T90	KLF
GPS10_781	Allocasuarina littoralis	15	10-20	Yes		T98	KLF
GPS10_782	Allocasuarina littoralis	12	10-20	Yes		T87	KLF
GPS10_783	Allocasuarina littoralis	12	10-20	No			
GPS10_784	Allocasuarina littoralis	12	10-20	No			
GPS10_785	Allocasuarina littoralis	15	10-20	No			
GPS10_786	Allocasuarina littoralis	15	10-20	Yes		T91	KLF
GPS10_787	Allocasuarina littoralis	15	10-20	Yes		T92	KLF
GPS10_788	Allocasuarina littoralis	15	10-20	No			
GPS10_789	Allocasuarina littoralis	15	10-20	No			
GPS10_790	Dead Stag	5	20-40	No			
GPS10_791	Allocasuarina littoralis	10	10-20	Yes		T89	KLF
GPS10_792	Allocasuarina littoralis	15	10-20	No			
GPS10_793	Allocasuarina littoralis	10	10-20	Yes		T88	KLF
GPS10_794	Allocasuarina littoralis	15	10-20	No			
GPS10_795	Corymbia gummifera	20	20-40	Yes		T93	KLF
GPS10_796	Allocasuarina littoralis	15	10-20	No			
GPS10_797	Allocasuarina littoralis	18	10-20	No			
GPS10_798	Dead Stag	10	10-20	No			
GPS10_799	Corymbia gummifera	18	10-20	No			
GPS10_800	Allocasuarina littoralis	12	10-20	No			
GPS10_801	Eleaocarpus reticulatus	12	10-20	Yes		T97	

GPS10_802	Allocasuarina littoralis	15	20-40	No			
GPS10_803	Dead Stag	15	20-40	No			
GPS10_804	Dead Stag	12	20-40	No			
GPS10_805	Corymbia gummifera	20	40-80	Yes		T194	KLF
GPS10_806	Eucalyptus racemosa	20	40-80	Yes		T96	KLF
GPS10_807	Allocasuarina littoralis	18	20-40	Yes		T95	KLF
GPS10_808	Melaleuca	5	10-20	No			
GPS10_809	Eucalyptus	8	10-20	No			
GPS10_810	Allocasuarina littoralis	10	10-20	No			
GPS10_811	Allocasuarina littoralis	8	10-20	Yes		T94	KLF
GPS10_812	Allocasuarina littoralis	18	20-40	No			
GPS10_813	Allocasuarina littoralis	18	20-40	No			
GPS10_814	Allocasuarina littoralis	8	20-40	No			
GPS10_815	Allocasuarina littoralis	12	10-20	No			
GPS10_816	Glochidion ferdinandi	10	10-20	Yes		T192	KLF
GPS10_817	Eucalyptus racemosa	15	40-80	Yes		T71	KLF
GPS10_818	Eucalyptus racemosa	10	40-80	Yes		T72	KLF
GPS10_819	Eucalyptus racemosa	20	40-80	Yes		T69	KLF
GPS10_820	Corymbia gummifera	20	40-80	Yes		T70	KLF
GPS10_821	Dead Stag	10	10-20	No			
GPS10_822	Allocasuarina littoralis	8	10-20	No			
GPS10_823	Allocasuarina littoralis	8	10-20	No			
GPS10_825	Dead Stag	5	10-20	No			
GPS10_826	Dead Stag	5	10-20	No			
GPS10_827	Allocasuarina littoralis	10	10-20	No			
GPS10_828	Allocasuarina littoralis	12	10-20	No			
GPS10_829	Banksia serratta	3	10-20	No			
GPS10_830	Allocasuarina littoralis	10	10-20	No			
GPS10_831	Allocasuarina littoralis	8	10-20	No			
GPS10_832	Allocasuarina littoralis	8	10-20	No			

GPS10_833	Allocasuarina littoralis	10	10-20	No			
GPS10_834	Allocasuarina littoralis	12	10-20	No			
GPS10_835	Allocasuarina littoralis	10	10-20	No			
GPS10_836	Allocasuarina littoralis	12	20-40	No			
GPS10_837	Eucalyptus pilularis	20	20-40	No			
GPS10_838	Eucalyptus pilularis	30	40-80	Yes		t53	KLF
GPS10_839	Allocasuarina littoralis	10	10-20	No			
GPS10_840	Glochidion ferdinandi	4	10-20	Yes		T101	KLF
GPS10_841	Allocasuarina littoralis	8	10-20	No			
GPS10_842	Allocasuarina littoralis	8	10-20	No			
GPS10_843	Allocasuarina littoralis	8	10-20	Yes		T100	KLF
GPS10_844	Dead Stag	10	10-20	No			
GPS10_845	Dead Stag	8	10-20	No			
GPS10_846	Dead Stag	8	10-20	No			
GPS10_847	Dead Stag	8	10-20	No			
GPS10_848	Dead Stag	6	20-40	No			
GPS10_849	Glochidion ferdinandi	5	10-20	Yes		T102	KLF
GPS10_850	Glochidion ferdinandi	6	10-20	Yes		T103	KLF
GPS10_851	Glochidion ferdinandi	5	10-20	Yes		T104	KLF
GPS10_852	Melaleuca	8	10-20	No			
GPS10_853	Glochidion ferdinandi	8	20-40	No			
GPS10_854	Eucalyptus	20	40-80	Yes		T105	KLF
GPS10_855	Eucalyptus	15	20-40	No			
GPS10_856	Eucalyptus	15	20-40	No			
GPS10_857	Eucalyptus	15	20-40	No			
GPS10_858	Eucalyptus pilularis	10	10-20	No			
GPS10_859	Eucalyptus	20	40-80	Yes		T106	KLF
GPS10_860	Eucalyptus pilularis	8	10-20	No			
GPS10_861	Corymbia gummifera	10	10-20	No			
GPS10_862	Glochidion ferdinandi	12	10-20	Yes		T107	KLF

GPS10_863	Glochidion ferdinandi	12	10-20	Yes		T108	KLF
GPS10_864	Glochidion ferdinandi	12	10-20	Yes		T109	KLF
GPS10_865	Glochidion ferdinandi	10	20-40	No			
GPS10_866	Glochidion ferdinandi	10	20-40	No			
GPS10_867	Glochidion ferdinandi	8	20-40	No			
GPS10_868	Eleaocarpus reticulatus	12	10-20	Yes		T113	KLF
GPS10_869	Eucalyptus saligna	30	40-80	Yes		T119	KLF
GPS10_870	Eucalyptus saligna	30	20-40	Yes		T118	KLF
GPS10_871	Corymbia gummifera	6	10-20	No			
GPS10_872	Eucalyptus	10	10-20	No			
GPS10_873	Angophora crassifolia	5	10-20	No			
GPS10_874	Eucalyptus	15	20-40	No			
GPS10_875	Eucalyptus	15	10-20	No			
GPS10_876	Eucalyptus	12	10-20	No			
GPS10_877	Eucalyptus	10	10-20	No			
GPS10_878	Eucalyptus	15	40-80	Yes		T112	KLF
GPS10_879	Eucalyptus	15	40-80	Yes		T111	KLF
GPS10_880	Eucalyptus	15	20-40	No			
GPS10_881	Eucalyptus	15	20-40	No			
GPS10_882	Eucalyptus	15	10-20	No			
GPS10_883	Allocasuarina littoralis	10	10-20	No			
GPS10_884	Corymbia gummifera	8	10-20	No			
GPS10_885	Corymbia gummifera	8	10-20	No			
GPS10_886	Corymbia gummifera	6	10-20	No			
GPS10_887	Corymbia gummifera	5	10-20	No			
GPS10_888	Corymbia gummifera	5	10-20	No			
GPS10_889	Eucalyptus	20	40-80	Yes		T110	KLF
GPS10_890	Corymbia gummifera	5	10-20	No			
GPS10_891	Eucalyptus	20	20-40	No			
GPS10_892	Dead Stag	6	10-20	No			

GPS10_893	Corymbia gummifera	20	20-40	N/A			
GPS10_894	Corymbia gummifera	15	20-40	N/A			
GPS10_895	Allocasuarina littoralis	10	10-20	N/A			
GPS10_896	Corymbia gummifera	15	20-40	N/A			
GPS10_897	Corymbia gummifera	5	20-40	No	Part dead		
GPS10_898	Corymbia gummifera	12	10-20	No			
GPS10_899	Dead Stag	4	10-20	N/A			
GPS10_900	Angophora crassifolia	4	10-20	No			
GPS10_901	Corymbia gummifera	15	20-40	No			
GPS10_902	Angophora crassifolia	8	20-40	No			
GPS10_903	Angophora crassifolia	8	10-20	No			
GPS10_904	Angophora crassifolia	5	10-20	No			
GPS10_905	Eucalyptus racemosa	12	20-40	No			
GPS10_906	Corymbia gummifera	15	20-40	No			
GPS10_907	Corymbia gummifera	8	10-20	No			
GPS10_908	Eucalyptus	15	10-20	No			
GPS10_909	Corymbia gummifera	12	20-40	No			
GPS10_910	Corymbia gummifera	12	20-40	No			
GPS10_911	Eucalyptus	15	40-80	Yes		T114	KLF
GPS10_912	Eucalyptus	20	40-80	Yes	Nest Box	T115	KLF
GPS10_913	Eucalyptus	15	20-40	No			
GPS10_914	Eucalyptus	8	20-40	No			
GPS10_915	Eucalyptus	8	10-20	No			
GPS10_916	Angophora crassifolia	8	10-20	No			
GPS10_917	Corymbia gummifera	8	10-20	No	Dead tree		
GPS10_918	Acacia irrorata	6	10-20	No			
GPS10_919	Acacia irrorata	6	10-20	No			
GPS10_920	Eucalyptus	20	40-80	Yes		No Tag	
GPS10_921	Corymbia gummifera	12	10-20	No			
GPS10_922	Corymbia gummifera	18	20-40	No			

GPS10_923	Corymbia gummifera	18	20-40	No			
GPS10_924	Corymbia gummifera	15	20-40	No			
GPS10_925	Angophora crassifolia	6	10-20	No			
GPS10_926	Corymbia gummifera	12	20-40	No			
GPS10_927	Corymbia gummifera	18	20-40	N/A			
GPS10_928	Corymbia gummifera	10	10-20	No			
GPS10_929	Corymbia gummifera	10	10-20	No			
GPS10_930	Eucalyptus	20	40-80	Yes		T116	KLF
GPS10_931	Eucalyptus	25	40-80	Yes	Nest Box	T117	KLF
GPS10_932	Corymbia gummifera	12	20-40	No			
GPS10_933	Allocasuarina littoralis	12	40-80	No		t50	Existing
GPS10_934	Glochidion ferdinandi	15	20-40	Yes		t49	Existing
GPS10_935	Melaleuca	3	10-20	No			
GPS10_936	Melaleuca	5	20-40	No			
GPS10_937	Lophostemon confertus	25	20-40	No			
GPS10_938	Acacia irrorata	6	10-20	No			
GPS10_939	Eucalyptus saligna	30	20-40	No			
GPS10_940	Eucalyptus saligna	30	20-40	No			
GPS10_941	Eucalyptus saligna	30	20-40	No			
GPS10_942	Eucalyptus saligna	15	10-20	No			
GPS10_943	Eucalyptus saligna	35	40-80	Yes		T165	KLF
GPS10_944	Eucalyptus saligna	20	20-40	No			
GPS10_945	Eucalyptus saligna	30	20-40	No			
GPS10_946	Melaleuca	6	10-20	No			
GPS10_947	Dead Stag	10	20-40	No			
GPS10_948	Dead Stag	8	10-20	No			
GPS10_949	Dead Stag	8	10-20	No			
GPS10_950	Eucalyptus saligna	20	10-20	No			
GPS10_951	Dead Stag	15	10-20	No			
GPS10_952	Eucalyptus saligna	20	20-40	No			

GPS10_953	Eucalyptus saligna	15	10-20	No			
GPS10_954	Eucalyptus saligna	10	10-20	No			
GPS10_955	Melaleuca	8	10-20	No			
GPS10_956	Melaleuca	8	10-20	No			
GPS10_957	Acacia binervia	15	20-40	No			
GPS10_958	Acacia binervia	25	20-40	No			
GPS10_959	Acacia binervia	25	10-20	No			
GPS10_960	Eucalyptus saligna	25	20-40	Yes		T166	KLF
GPS10_961	Eucalyptus saligna	20	10-20	No			
GPS10_962	Eucalyptus saligna	10	10-20	No			
GPS10_963	Eucalyptus saligna	10	10-20	No			
GPS10_964	Eucalyptus saligna	20	10-20	No			
GPS10_965	Eucalyptus saligna	30	20-40	No			
GPS10_966	Eucalyptus saligna	25	20-40	No			
GPS10_967	Eucalyptus saligna	12	10-20	No			
GPS10_968	Angophora crassifolia	8	10-20	No			
GPS10_969	Melaleuca	10	10-20	No			
GPS10_970	Ceropetalum reticul	8	10-20	Yes		T167	KLF
GPS10_971	Banksia serratta	18	40-80	Yes		T164	KLF
GPS10_972	Grevillea sp.	10	10-20	No			
GPS10_973	Palm	10	10-20	No			
GPS10_974	Glochidion ferdinandi	18	20-40	No			
GPS10_975	Pittosporum undulatum	10	10-20	No			
GPS10_976	Pittosporum undulatum	12	10-20	No			
GPS10_977	Pittosporum undulatum	10	10-20	No			
GPS10_978	Melaleuca	12	20-40	No			
GPS10_979	Palm	12	10-20	No			
GPS10_980	Palm	10	10-20	No			
GPS10_981	Palm	10	10-20	No			
GPS10_982	Allocasuarina littoralis	8	10-20	N/A			

GPS10_983	Allocasuarina littoralis	12	10-20	N/A			
GPS10_984	Allocasuarina littoralis	12	10-20	N/A			
GPS10_985	Allocasuarina littoralis	10	10-20	N/A			
GPS10_986	Allocasuarina littoralis	8	10-20	N/A			
GPS10_988	Allocasuarina littoralis	8	10-20	N/A			
GPS10_989	Allocasuarina littoralis	8	20-40	N/A			
GPS10_990	Dead Stag	10	20-40	N/A			
GPS10_991	Allocasuarina littoralis	10	10-20	N/A			
GPS10_992	Eucalyptus racemosa	25	80+	Yes	hollows	No Tag	
GPS10_993	Eucalyptus racemosa	15	20-40	Yes		No Tag	
GPS10_994	Eucalyptus racemosa	15	20-40	Yes		No Tag	
GPS10_995	Corymbia gummifera	25	20-40	Yes		No Tag	
GPS10_996	Allocasuarina littoralis	15	10-20	Yes		No Tag	
GPS10_997	Corymbia gummifera	15	20-40	Yes		No Tag	
GPS10_998	Corymbia gummifera	10	10-20	Yes		No Tag	
GPS10_999	Pittosporum undulatum	10	10-20	Yes		No Tag	
GPS10_001	Allocasuarina littoralis	12	10-20	No			
GPS10_002	Allocasuarina littoralis	10	10-20	No			
GPS10_003	Corymbia gummifera	15	10-20	No			
GPS10_004	Eucalyptus racemosa	15	40-80	Yes		T24	KLF
GPS10_005	Corymbia gummifera	8	10-20	No			
GPS10_006	Corymbia gummifera	6	10-20	No			
GPS10_007	Corymbia gummifera	15	10-20	No			
GPS10_008	Corymbia gummifera	15	20-40	Yes		T25	KLF
GPS10_009	Corymbia gummifera	10	10-20	No			
GPS10_010	Angophora crassifolia	5	10-20	No			
GPS10_011	Corymbia gummifera	20	40-80	Yes		T188	KLF
GPS10_012	Corymbia gummifera	15	10-20	No			
GPS10_013	Corymbia gummifera	20	20-40	No			
GPS10_014	Corymbia gummifera	15	20-40	Yes		T30	KLF

GPS10_015	Corymbia gummifera	12	10-20	No			
GPS10_016	Angophora crassifolia	10	10-20	No			
GPS10_017	Corymbia gummifera	15	20-40	No			
GPS10_018	Corymbia gummifera	15	20-40	No			
GPS10_019	Corymbia gummifera	15	10-20	No			
GPS10_020	Corymbia gummifera	5	10-20	No			
GPS10_021	Banksia serratta	5	10-20	Yes		T186	KLF
GPS10_022	Banksia serratta	5	10-20	Yes		T187	KLF
GPS10_023	Corymbia gummifera	20	20-40	No			
GPS10_024	Angophora crassifolia	5	10-20	No			
GPS10_025	Corymbia gummifera	10	20-40	No			
GPS10_026	Corymbia gummifera	15	20-40	No			
GPS10_027	Corymbia gummifera	25	40-80	Yes	Nest box	T26	KLF
GPS10_028	Corymbia gummifera	10	10-20	No			
GPS10_029	Corymbia gummifera	10	10-20	No			
GPS10_030	Corymbia gummifera	25	40-80	Yes		T27	KLF
GPS10_031	Corymbia gummifera	20	20-40	No			
GPS10_032	Corymbia gummifera	15	20-40	No			
GPS10_033	Angophora crassifolia	10	10-20	No			
GPS10_034	Corymbia gummifera	10	10-20	No			
GPS10_035	Corymbia gummifera	20	20-40	No			
GPS10_036	Corymbia gummifera	20	20-40	Yes		T28	KLF
GPS10_037	Corymbia gummifera	20	20-40	No			
GPS10_038	Corymbia gummifera	20	20-40	No			
GPS10_039	Eucalyptus racemosa	15	40-80	Yes		T191	KLF
GPS10_040	Eucalyptus racemosa	20	40-80	Yes		T29	KLF
GPS10_041	Angophora costata	20	40-80	No			
GPS10_042	Eucalyptus racemosa	15	10-20	No			
GPS10_043	Corymbia gummifera	20	20-40	No			
GPS10_044	Corymbia gummifera	15	20-40	No			

GPS10_045	Angophora costata	20	20-40	No			
GPS10_046	Angophora costata	25	20-40	No			
GPS10_047	Eucalyptus racemosa	15	20-40	No			
GPS10_048	Eucalyptus saligna	30	40-80	Yes		T182	KLF
GPS10_049	Angophora crassifolia	8	10-20	No			
GPS10_050	Eucalyptus racemosa	20	40-80	Yes		T184	KLF
GPS10_051	Corymbia gummifera	10	20-40	No			
GPS10_052	Corymbia gummifera	8	10-20	No			
GPS10_053	Corymbia gummifera	10	10-20	No			
GPS10_054	Eucalyptus saligna	30	40-80	Yes		T185	KLF
GPS10_055	Corymbia gummifera	10	10-20	No			
GPS10_056	Corymbia gummifera	15	10-20	Yes		T31	KLF
GPS10_057	Eucalyptus saligna	15	10-20	No			
GPS10_058	Allocasuarina littoralis	25	20-40	Yes		T32	KLF
GPS10_059	Eucalyptus saligna	20	20-40	No			
GPS10_060	Eucalyptus saligna	10	10-20	No			
GPS10_061	Eucalyptus saligna	12	10-20	No			
GPS10_062	Eucalyptus saligna	10	10-20	No			
GPS10_063	Cyathea sp.	4	10-20	Yes		T181	KLF
GPS10_064	Cyathea sp.	4	10-20	Yes		T180	KLF
GPS10_065	Eucalyptus saligna	25	20-40	No			
GPS10_066	Eucalyptus saligna	25	20-40	No			
GPS10_067	Eucalyptus saligna	30	40-80	Yes		T179	KLF
GPS10_068	Eucalyptus punctata	20	20-40	No			
GPS10_069	Banksia serratta	5	10-20	Yes		T177	KLF
GPS10_070	Banksia serratta	5	10-20	Yes		T151	KLF
GPS10_071	Angophora crassifolia	8	10-20	No			
GPS10_072	Corymbia gummifera	10	10-20	No			
GPS10_073	Eucalyptus racemosa	15	40-80	Yes		T150	KLF
GPS10_074	Corymbia gummifera	10	10-20	No			

GPS10_075	Corymbia gummifera	8	10-20	No			
GPS10_076	Corymbia gummifera	12	10-20	No			
GPS10_077	Banksia serratta	4	10-20	Yes		T178	KLF
GPS10_078	Banksia serratta	10	20-40	No			
GPS10_079	Corymbia gummifera	10	10-20	No			
GPS10_080	Corymbia gummifera	20	20-40	No			
GPS10_081	Corymbia gummifera	10	20-40	No			
GPS10_082	Eucalyptus racemosa	20	20-40	No			
GPS10_083	Corymbia gummifera	10	10-20	No			
GPS10_084	Corymbia gummifera	12	10-20	N/A			
GPS10_085	Angophora crassifolia	8	20-40	N/A			
GPS10_086	Eucalyptus pilularis	15	40-80	Yes		T149	KLF
GPS10_087	Angophora crassifolia	10	20-40	No			
GPS10_088	Corymbia gummifera	10	10-20	No			
GPS10_089	Corymbia gummifera	20	20-40	No			
GPS10_090	Corymbia gummifera	8	10-20	No			
GPS10_091	Eucalyptus pilularis	25	80+	Yes		T148	KLF
GPS10_092	Eucalyptus pilularis	25	40-80	Yes		T183	KLF
GPS10_093	Eucalyptus saligna	25	20-40	No			
GPS10_094	Allocasuarina littoralis	10	10-20	No			
GPS10_095	Acacia irrorata	12	10-20	No			
GPS10_096	Eucalyptus saligna	25	20-40	No			
GPS10_097	Eucalyptus saligna	25	20-40	No			
GPS10_098	Eucalyptus saligna	20	10-20	No			
GPS10_099	Eucalyptus saligna	8	10-20	Yes		T193	KLF
GPS10_100	Corymbia maculata	30	20-40	No			
GPS10_101	Angophora costata	15	20-40	No			
GPS10_102	Corymbia gummifera	20	10-20	No			
GPS10_103	Corymbia gummifera	20	20-40	Yes		T190	KLF
GPS10_104	Angophora crassifolia	5	10-20	No			

GPS10_105	Eucalyptus	20	20-40	No			
GPS10_106	Eucalyptus	15	20-40	No			
GPS10_107	Eucalyptus racemosa	10	10-20	No			
GPS10_108	Corymbia gummifera	20	20-40	Yes		T189	KLF
GPS10_109	Corymbia gummifera	20	20-40	No			
GPS10_110	Angophora crassifolia	5	10-20	No			
GPS10_111	Eucalyptus racemosa	20	40-80	Yes		T142	KLF
GPS10_112	Angophora crassifolia	10	20-40	No			
GPS10_113	Angophora crassifolia	10	20-40	No			
GPS10_114	Angophora crassifolia	8	10-20	No			
GPS10_115	Banksia serratta	5	10-20	Yes		T143	KLF
GPS10_116	Angophora crassifolia	10	10-20	No			
GPS10_117	Banksia serratta	4	10-20	Yes		T144	KLF
GPS10_118	Banksia serratta	10	10-20	Yes		T145	KLF
GPS10_119	Angophora crassifolia	6	10-20	No			
GPS10_120	Corymbia gummifera	20	20-40	No			
GPS10_121	Corymbia gummifera	20	20-40	No			
GPS10_122	Corymbia gummifera	20	20-40	No			
GPS10_123	Corymbia gummifera	20	20-40	N/A			
GPS10_124	Eucalyptus pilularis	20	20-40	Yes		T147	KLF
GPS10_125	Corymbia gummifera	10	10-20	N/A			
GPS10_126	Eucalyptus pilularis	25	40-80	Yes		T146	KLF
GPS10_127	Angophora crassifolia	5	10-20	No			
GPS10_128	Eucalyptus racemosa	15	20-40	No			
GPS10_129	Eucalyptus saligna	30	20-40	No			
GPS10_130	Corymbia gummifera	15	20-40	No			
GPS10_131	Corymbia gummifera	15	20-40	No			
GPS10_132	Acacia irrorata	10	10-20	No			
GPS10_133	Allocasuarina littoralis	10	20-40	No			
GPS10_134	Corymbia gummifera	18	20-40	Yes		T141	KLF

GPS10_135	Angophora costata	15	10-20	No			
GPS10_136	Angophora costata	15	20-40	No			
GPS10_137	Melaleuca	5	10-20	No			
GPS10_138	Angophora costata	15	20-40	No			
GPS10_139	Angophora costata	10	10-20	No			
GPS10_140	Corymbia gummifera	10	10-20	No			
GPS10_141	Angophora costata	10	10-20	No			
GPS10_142	Corymbia gummifera	15	20-40	No			
GPS10_143	Corymbia gummifera	10	10-20	N/A			
GPS10_144	Angophora costata	15	20-40	N/A			
GPS10_145	Angophora costata	20	20-40	N/A			
GPS10_146	Angophora costata	20	20-40	Yes		T140	KLF
GPS10_147	Angophora costata	20	20-40	No			
GPS10_148	Eucalyptus punctata	15	20-40	No			
GPS10_149	Eucalyptus punctata	25	20-40	No			
GPS10_150	Acacia irrorata	10	10-20	No	Dead tree		
GPS10_151	Angophora costata	30	40-80	Yes		T159	KLF
GPS10_152	Eucalyptus punctata	30	40-80	Yes		T160	KLF
GPS10_153	Eucalyptus punctata	15	40-80	No			
GPS10_154	Eucalyptus punctata	20	40-80	No			
GPS10_155	Corymbia gummifera	15	20-40	No			
GPS10_156	Corymbia gummifera	15	10-20	No			
GPS10_157	Angophora costata	15	20-40	Yes		T195	KLF
GPS10_158	Banksia serratta	10	10-20	Yes		T161	KLF
GPS10_159	Corymbia gummifera	15	20-40	No			
GPS10_160	Corymbia gummifera	12	10-20	No			
GPS10_161	Angophora costata	20	20-40	Yes		T196	KLF
GPS10_162	Eucalyptus saligna	10	10-20	No			
GPS10_163	Eucalyptus saligna	25	20-40	No			
GPS10_164	Eucalyptus saligna	25	20-40	No			

GPS10_165	Eucalyptus saligna	30	40-80	Yes		T139	KLF
GPS10_166	Eucalyptus saligna	15	10-20	No			
GPS10_167	Eucalyptus saligna	30	20-40	No			
GPS10_168	Eucalyptus saligna	25	20-40	No			
GPS10_169	Eucalyptus saligna	30	20-40	No			
GPS10_170	Corymbia maculata	15	20-40	No			
GPS10_171	Angophora costata	20	20-40	N/A			
GPS10_172	Angophora costata	20	80+	Yes		T138	KLF
GPS10_173	Eucalyptus	20	20-40	N/A			
GPS10_174	Eucalyptus saligna	20	10-20	N/A			
GPS10_175	Eucalyptus saligna	20	10-20	No			
GPS10_176	Eucalyptus saligna	35	40-80	Yes		T137	KLF
GPS10_177	Eucalyptus saligna	25	20-40	No			
GPS10_178	Angophora costata	25	40-80	Yes		T136	KLF
GPS10_179	Angophora costata	15	10-20	No			
GPS10_180	Angophora costata	20	40-80	Yes		T134	KLF
GPS10_181	Eleaocarpus reticulatus	15	20-40	No			
GPS10_182	Eleaocarpus reticulatus	15	20-40	N/A			
GPS10_183	Eucalyptus pilularis	15	20-40	No			
GPS10_184	Eucalyptus pilularis	15	20-40	No			
GPS10_185	Eucalyptus pilularis	25	80+	Yes		T135	KLF
GPS10_186	Angophora costata	15	10-20	No			
GPS10_187	Angophora costata	10	10-20	No			
GPS10_188	Angophora costata	20	10-20	No			
GPS10_189	Angophora costata	15	10-20	No			
GPS10_190	Eucalyptus pilularis	20	40-80	Yes		T133	KLF
GPS10_191	Eucalyptus pilularis	20	40-80	Yes		T132	KLF
GPS10_192	Eucalyptus pilularis	10	10-20	No			
GPS10_193	Angophora costata	10	10-20	No			
GPS10_194	Eucalyptus saligna	30	40-80	Yes		T131	KLF

GPS10_195	Eucalyptus saligna	25	20-40	No			
GPS10_196	Eucalyptus pilularis	20	40-80	Yes		T130	KLF
GPS10_197	Eucalyptus saligna	20	20-40	No			
GPS10_198	Eucalyptus saligna	35	40-80	Yes		T129	KLF
GPS10_199	Angophora costata	20	20-40	No			
GPS10_200	Angophora costata	20	20-40	No			
GPS10_201	Eucalyptus pilularis	20	20-40	No			
GPS10_202	Eucalyptus saligna	25	20-40	No			
GPS10_203	Eucalyptus saligna	25	10-20	No			
GPS10_204	Eucalyptus saligna	15	10-20	No			
GPS10_205	Eucalyptus saligna	10	10-20	No			
GPS10_206	Eucalyptus saligna	15	20-40	No			
GPS10_207	Eucalyptus saligna	15	20-40	No			
GPS10_208	Eucalyptus saligna	25	20-40	No			
GPS10_209	Eucalyptus saligna	25	20-40	No			
GPS10_210	Eucalyptus saligna	25	20-40	No			
GPS10_211	Eucalyptus saligna	25	20-40	No			
GPS10_212	Eucalyptus saligna	15	10-20	No			
GPS10_213	Eucalyptus saligna	20	20-40	No			
GPS10_217	Eucalyptus saligna	15	10-20	No			
GPS10_218	Eucalyptus saligna	15	10-20	No			
GPS10_219	Eucalyptus saligna	15	10-20	No			
GPS10_220	Eucalyptus saligna	15	10-20	No			
GPS10_221	Eucalyptus saligna	20	10-20	No			
GPS10_222	Eucalyptus pilularis	15	20-40	No			
GPS10_223	Eucalyptus pilularis	30	40-80	Yes		T126	KLF
GPS10_224	Corymbia maculata	25	40-80	Yes		T128	KLF
GPS10_225	Eucalyptus saligna	10	10-20	No			
GPS10_226	Angophora costata	10	10-20	No			
GPS10_227	Eucalyptus saligna	25	20-40	No			

GPS10_228	Eucalyptus saligna	10	10-20	No			
GPS10_229	Eucalyptus saligna	30	20-40	No			
GPS10_230	Eucalyptus saligna	20	10-20	No			
GPS10_231	Allocasuarina littoralis	10	10-20	No			
GPS10_232	Eucalyptus saligna	30	20-40	No			
GPS10_233	Eucalyptus saligna	25	20-40	No			
GPS10_234	Eucalyptus saligna	25	20-40	No			
GPS10_235	Eucalyptus saligna	25	20-40	No			
GPS10_236	Eucalyptus saligna	15	10-20	No			
GPS10_237	Eucalyptus saligna	25	20-40	No			
GPS10_238	Eucalyptus saligna	15	10-20	No			
GPS10_239	Eucalyptus saligna	15	10-20	No			
GPS10_240	Corymbia gummifera	10	10-20	No			
GPS10_241	Eucalyptus saligna	30	20-40	No			
GPS10_242	Eucalyptus saligna	30	20-40	No			
GPS10_243	Eucalyptus saligna	25	20-40	No			
GPS10_244	Eucalyptus saligna	25	20-40	No			
GPS10_245	Eucalyptus saligna	25	20-40	No			
GPS10_246	Eucalyptus saligna	30	20-40	No			
GPS10_247	Eucalyptus saligna	15	10-20	No			
GPS10_248	Corymbia gummifera	10	10-20	No			
GPS10_249	Eucalyptus saligna	30	20-40	No			
GPS10_250	Eucalyptus saligna	15	10-20	No			
GPS10_251	Eucalyptus saligna	30	20-40	No			
GPS10_252	Eucalyptus saligna	15	10-20	No			
GPS10_253	Angophora costata	25	20-40	No			
GPS10_254	Corymbia gummifera	15	10-20	No			
GPS10_255	Corymbia gummifera	10	10-20	No			
GPS10_256	Eucalyptus pilularis	15	20-40	No			
GPS10_257	Eucalyptus pilularis	20	40-80	Yes		T120	KLF

GPS10_258	Corymbia gummifera	18	20-40	No			
GPS10_259	Corymbia gummifera	25	40-80	Yes		No Tag	
GPS10_260	Corymbia gummifera	10	10-20	No			
GPS10_261	Corymbia gummifera	15	40-80	Yes		T121	KLF
GPS10_262	Corymbia gummifera	20	20-40	No			
GPS10_263	Eucalyptus pilularis	15	40-80	Yes		T123	KLF
GPS10_264	Eucalyptus pilularis	20	40-80	Yes		T124	KLF
GPS10_265	Eucalyptus pilularis	20	20-40	No			
GPS10_266	Corymbia gummifera	15	20-40	No			
GPS10_267	Eucalyptus pilularis	20	20-40	N/A			
GPS10_268	Corymbia gummifera	20	40-80	Yes		T122	KLF
GPS10_269	Eucalyptus pilularis	20	20-40	No			
GPS10_270	Angophora costata	25	40-80	Yes		T125	KLF
GPS10_271	Eucalyptus pilularis	10	10-20	No			
GPS10_272	Angophora costata	25	20-40	No			
GPS10_273	Angophora costata	20	20-40	No			
GPS10_274	Eucalyptus saligna	25	20-40	No			
GPS10_275	Eucalyptus pilularis	15	20-40	No			
GPS10_276	Eucalyptus saligna	30	20-40	No			
GPS10_277	Eucalyptus saligna	15	10-20	No			
GPS10_278	Eucalyptus saligna	20	20-40	No			
GPS10_279	Eucalyptus saligna	15	10-20	No			
GPS10_280	Eucalyptus pilularis	20	20-40	No			
GPS10_281	Eucalyptus scias	20	20-40	No			
GPS10_282	Eucalyptus scias	25	20-40	Yes		T68	KLF
GPS10_283	Pittosporum undulatum	10	10-20	No			
GPS10_284	Pittosporum undulatum	8	10-20	No			
GPS10_285	Pittosporum undulatum	5	10-20	No			
GPS10_286	Pittosporum undulatum	5	10-20	No			
GPS10_287	Allocasuarina littoralis	5	10-20	No			

GPS10_288	Eucalyptus racemosa	15	20-40	No			
GPS10_289	Corymbia maculata	15	10-20	No			
GPS10_290	Eucalyptus pilularis	30	40-80	Yes		T66	KLF
GPS10_291	Eucalyptus pilularis	30	40-80	Yes		T67	KLF
GPS10_292	Eucalyptus saligna	35	40-80	Yes		T158	KLF
GPS10_293	Eucalyptus sp.	5	10-20	No			
GPS10_294	Eucalyptus saligna	30	80+	Yes		T34	KLF
GPS10_295	Corymbia gummifera	25	20-40	No			
GPS10_296	Eucalyptus saligna	25	20-40	No			
GPS10_297	Eucalyptus saligna	10	10-20	No			
GPS10_298	Eucalyptus saligna	15	10-20	No			
GPS10_299	Eucalyptus saligna	30	40-80	Yes		T65	KLF
GPS1_007	Eucalyptus racemosa	8	20-40	Yes		T46	KLF
GPS1_013	Angophora costata	15	20-40	Yes		T58	KLF
GPS1_014	Angophora floribunda	6	10-20	Yes		T55	KLF
GPS1_019	Eucalyptus racemosa	10	20-40	Yes		T61	KLF
	Corymbia gummifera	20	20-40	Yes		T171	KLF
	Corymbia maculata	30	20-40	Yes		T174	KLF

APPENDIX 2. TREE CLEARING PROTOCOLS

PRE-CLEARING PROTOCOL

Prior to the commencement of any clearing within the study area, delineation (surveyed) of the clearing area and infrastructure routes will occur to ensure there are no accidental incursions. All delineation works will be confirmed by a registered surveyor engaged by the Construction Contractor.

CLEARING PROTOCOL

A suitably qualified and experienced Project Ecologist engaged by the Project Manager will supervise all vegetation clearing and relocate any displaced animals that cannot safely self-relocate into adjoining vegetation (see below for details of fauna displacement). The following methodology will be followed:

- The vegetation clearing team will require a site-specific induction prepared and delivered by the Project Ecologist, detailing vegetation to be removed, the process of removal, identification of tree and delineation, and the procedures to be followed;
- All vehicles are to remain on established trails and tracks where possible to minimise un-necessary soil disturbance;
- Vegetation will be cleared in a way that maintains tree integrity as specified and allows fauna living in or near the clearing site to move safely form the site to adjacent areas:
    - Clearing will occur from IPA parkland outwards towards IPA and then connecting external vegetation;
    - Clearing will occur in direction that ensures fauna species are directed away from threats such as roads and developed or disturbed areas (e.g. residential areas or cleared spaces > 100 m);
- Clearing of vegetation will be conducted in a manner that minimises the impact on retained hollow bearing habitat trees and heritage sites;

- The clearing of the smaller wooded vegetation, lower shrub layer and ground layer shall be conducted by hand using tools such as brush cutters, chainsaws, and potentially a posi-track with a mulcher attachment mounted. All equipment shall be free of any material or soil from other sites (i.e. providing dedicated vegetation maintenance equipment is most desirable);

- Clearing of larger vegetation (trees) will be undertaken predominantly by chainsaw and wood-chipper (removing fuel load associated with trees, limbs and majority of mid shrub layer biomass from the APZ) and will avoid any topsoil disturbance where practicable;

- All green waste material generated during the clearing of vegetation within all the Management Zones must be removed from site or to an arranged stockpile location:

    - Small wooded vegetation that has been mulched by the posi-track can remain on site if the total volume of mulch remaining does not pose a significant fuel source;

- The Project Ecologist will prepare a letter/ report at the conclusion of all clearing works within the study area detailing works conducted against performance criteria, and an inventory of fauna species encountered during clearing.

FAUNA DISPLACEMENT PROTOCOL

Displacement of fauna may occur as part of the clearing process. All clearing will be supervised by a suitably qualified and experienced ecologist engaged by the project manager (Project Ecologist or fauna spotter catcher). The following protocol will be followed:

- If possible any fauna should be allowed to self-relocate if safe to do so, if necessary and safe to do so the animal will be captured, assessed and, if appropriate, released into a pre-agreed area;

- All fauna will be handled in such a way as to prevent injury to the animal and people and if necessary the animal should be kept in an appropriate container (calico bag, hessian sack, pet pack etc.) and nocturnal species released at dusk;

- Any microbats can be soft released, that is put in a nest box and allowed to self-relocate at dusk;

- If any animal is injured during the construction process, a veterinarian will be contacted immediately for professional advice on the best course of action;

- If any native animal is injured during other operational/ construction processes while an ecologist, environmental representative or animal handler is not present, they must be contacted immediately; and
- If during clearing any protected species are injured or killed, the Project Ecologist will inform Ku-ring-gai Council immediately (same day as injury/ death).

APPENDIX 3. WEED MANAGEMENT STRATEGY

This Weed Management Strategy has been prepared by EcoPlanning, and to be included into this LMP under instruction by DesignInc.

Exotic flora species are found in low number across the subject site, except in areas of planting. Where exotic species have naturalised or planted specimens have escaped garden beds into the bushland, they should be treated in accordance with the following methods.

Weed type	Treatment
Tall annual herbaceous weeds	Tall herbaceous weeds are to be kept at low levels and treated prior to seeding where possible. Treatment of herbaceous weeds prior to seeding will ensure the gradual reduction of the sites weed seed bank over the management period. Techniques considered appropriate in controlling herbaceous weeds onsite include (as required and appropriate): • Spot spraying • Slashing • Hand removal
Woody weeds	Primary and secondary woody weeds are to be treated by cut/scrape and painting with neat Roundup Biactive®, accordingly. *Rubus fruticosus* should initially be removed in areas of high resilience, and where it is smothering native mid-storey growth. Woody weeds should be treated in degraded areas as a lower priority. All woody weed biomass should be neatly piled and retained onsite as habitat. Large expanses of woody weeds should be evaluated for their habitat values prior to primary removal. Juveniles woody weeds are to be treated by hand removal or careful spot spraying with a Metsulfuron-methyl based herbicide where appropriate.
Exotic grasses and monocots	Exotic grasses are to be treated throughout the site, with areas of high resilience receiving first priority. A combination of hand removal, careful spot spraying and broad scale blanket spraying will be utilised. *Ehrharta erecta* should be sprayed with a low glyphosate solution (e.g. 0.2%), which will allow for careful spot spraying amongst native species.
Exotic vines	Exotic vines are to be maintained at low levels and skirted from all mid-storey and canopy species throughout the site. Techniques considered appropriate in controlling exotic vines weeds on site include (as required and appropriate):

Weed type	Treatment
	• Hand weeding • Scrape and painting • Spot spraying

The following species have been recorded during field survey at the subject site (see Ecoplanning 2018).

Family	Genus	Species	Common name	Native/Exotic	Form
Alliaceae	*Agapanthus*	*praecox*	African Lily	Exotic	Herbaceous – lily
Asparagaceae	*Asparagus*	*aethiopicus*	Ground Asparagus	Exotic	Herbaceous – shrub
Asteraceae	*Bidens*	*pilosa*	Cobblers Peg	Exotic	Woody – shrub
Fabaceae - Caesalpiniodeae	*Senna*	*pendula var. glabrata*	Senna	Exotic	Woody – shrub
Lauraceae	*Cinnamomum*	*camphora*	Camphor Laurel	Exotic	Woody – tree
Lomariopsidaceae	*Nephrolepis*	*cordifolia*	Fishbone Fern	Exotic	Herbaceous – fern
Moraceae	*Morus*	*alba*	White Mulberry	Exotic	Woody – tree
Ochnaceae	*Ochna*	*serrulata*	Mickey Mouse Plant	Exotic	Woody – shrub
Oleaceae	*Ligustrum*	*lucidum*	Large-leaved Privet	Exotic	Woody – shrub/tree
Oleaceae	*Ligustrum*	*sinense*	Small-leaved Privet	Exotic	Woody – shrub/tree
Phyllanthaceae	*Phyllanthus*	*tenellus*	Hen and Chicken	Exotic	Herbaceous – forb
Poaceae	*Andropogon*	*virginicus*	Whisky Grass	Exotic	Grass
Rosaceae	*Rubus*	*fruticosus*	Blackberry	Exotic	Woody – shrub
Solanaceae	*Solanum*	*mauritianum*	Wild Tobacco Bush	Exotic	Woody – shrub/tree
Solanaceae	*Solanum*	*nigrum*	Black-berry Nightshade	Exotic	Woody – shrub

APPENDIX 4. THREATENED SPECIES MANAGEMENT

Although no threatened fauna has been surveyed on the subject site, the site has potential to provide habitat for such species. The Powerful Owl is a known species for this location, and many micro-bats utilise the habitat provided. The fauna displacement protocols in **Appendix 2** provide an overall management strategy for all fauna species potentially occurring on site during the APZ implementation works. Further, for the additional management of threatened fauna:

- No clearing should occur during the early evening or at night (i.e. when most fauna species are active and likely to be active);
- Hollow-bearing trees that have been identified will be protected through the actions of the Clearing Protocol (**Appendix 2**);
- On all occasions, trees having potential habitat hollows, nest boxes, or nests will be protected from impacts.

Threatened flora has not been surveyed on the subject site, however Darwinia biflora is recorded adjacent to the site, and has potential to occur due to habitat values. This species can be identified through its foliage, and the attending Project Ecologist will be aware and familiar with the plant for identification purposes.

Although highly unlikely, if any threatened species are found on site, the Project ecologist would appropriately manage through either relocation (fauna) or seeking advice from the Project Manager of resolution of a threatened flora being identified.

APPENDIX 5. STAFF CONTRIBUTIONS

The following staff were involved in the compilation of this report.

Name	Qualification	Title/Experience	Contribution
Dan Pedersen	BSCEngTech GIFireE, BDAP-A	Senior Ecologist/ Botanist Bushfire Consultant	Report preparation and review
Mark Dean	BEnvSc & Mgt	Ecologist	Report preparation
Gayle Joyce	BSc (Forestry) (Hons)	GIS Specialist	Preparation of figures
Bradley Deane	B.BioCons, M.WldMgt	GIS Specialist	Preparation of figures

APPENDIX 6. LICENSING

Kleinfelder employees involved in the current study are licensed or approved under the *Biodiversity Conservation Act 2016* (License Number: SL100730, Expiry: 31 March 2019) and the *Animal Research Act 1985* to harm/trap/release protected native fauna and to pick for identification purposes native flora and to undertake fauna surveys.