

Final Report

# Pakenham East Native Vegetation Precinct Plan

Prepared for

**Victorian Planning Authority**

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**Ecology and Heritage Partners Pty Ltd**

## Document Control

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# 1 INTRODUCTION

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This is the *Pakenham East Native Vegetation Precinct Plan* (NVPP) listed under the Schedule to Clause 52.16 of the *Cardinia Planning Scheme*. This NVPP includes the information required under Section 10 of *Guidelines for the removal, destruction or lopping of native vegetation* (Guidelines) (DELWP 2017a). The Guidelines state that an NVPP prepared for incorporation into the planning scheme must:

- Specify the purpose and objectives of the plan;
- Specify the area to which the NVPP applies;
- Map and describe the native vegetation that can be removed, destroyed or lopped;
- Map and describe the native vegetation to be retained;
- Set out the offset requirement, determined in accordance with the Guidelines;
- Specify management responsibilities and actions for native vegetation to be retained; and,
- Provide an offset statement that includes evidence that an offset that meets offset requirements for the removal of native vegetation is available and explains how it will be secured in accordance with the Guidelines. This statement must also include procedures regarding how the offset will be secured should the offsets be divided amongst multiple properties or parties.

The Guidelines also state that an NVPP must include mechanisms for tracking the removal of native vegetation and corresponding securing of offsets, to ensure that this occurs in accordance with the NVPP.

The removal, destruction or lopping of native vegetation in accordance with this NVPP, does not require a planning permit provided conditions and requirements specified in this NVPP are met.

If native vegetation is proposed to be removed, destroyed or lopped not in accordance with this NVPP, a planning permit to remove native vegetation is required under Clause 52.16 of the *Cardinia Planning Scheme*. In this circumstance, an application for a permit must comply with the application requirements specified in the Guidelines. An application to remove native vegetation not in accordance with this incorporated NVPP must be supported by current site information, as per *Assessor's handbook – applications to remove, destroy or lop native vegetation* (Assessor's handbook) (DELWP 2017b). In this plan the term 'remove native vegetation' includes to destroy and/or to lop native vegetation.

## 1.1 Purpose of the NVPP

The purpose of the *Pakenham East NVPP* is to:

- Summarise the biodiversity values across the precinct;
- Apply a holistic, landscape wide approach to retention and removal of native vegetation across the precinct (Figure 1);
- Ensure that areas retained for the protection of native vegetation are managed to conserve ecological values in accordance with the *Pakenham East Precinct Structure Plan* (PSP);

- Ensure that the removal, destruction or lopping of native vegetation, and the management of the native vegetation specified to be retained is consistent with conserving the ecological values of these areas, and is in accordance with no net loss objective of the Guidelines;
- Describe the offset requirements for any permitted removal, destruction or lopping of native vegetation as identified in this plan; and,
- Streamline the planning approvals process through a landscape approach to native vegetation protection and management.

## 1.2 Vegetation Protection Objectives to be Achieved

The objectives of the *Pakenham East NVPP* are to:

- Ensure there is no net loss to biodiversity as a result of the approved removal, destruction or lopping of native vegetation. This is achieved by applying the three-step approach in accordance with Clause 12.01-2S Native vegetation management, Clause 52.16 and the Guidelines;
- Apply a landscape approach to the management of native vegetation within the NVPP area, in accordance with Clause 12.01-1S Protection of biodiversity;
- Manage native vegetation to be retained in accordance with obligations under the *Catchment and Land Protection Act 1994*;
- Ensure that areas set aside to protect native vegetation are managed to conserve biodiversity and other values in accordance with the *Pakenham East PSP*;
- Ensure that the Tree Protection Zones of trees within patches and scattered trees are protected in accordance with *Australian Standard AS4790-2009*;
- Provide for the long-term preservation of the flora and fauna, and associated habitat of environmentally significant areas;
- Protect and enhance remnant native vegetation and associated habitats (wildlife corridors) along Deep Creek, the Princess Highway and in the vicinity of Canty Lane;
- Establish additional habitat corridors and stepping stones (patches of native vegetation) along Hancocks Gully, newly created wetlands, drainage corridors and hilltop reserves; and,
- Support the provision of Public Open Space (POS) and dedicated conservation areas that avoid vegetation loss, minimise impacts, and enhance native vegetation.
- Manage impacts on protected native vegetation from recreational facilities and infrastructure.

## 2 AREA TO WHICH THE NVPP APPLIES

The *Pakenham East NVPP* applies to land within the NVPP Area shown on Figure 1.

The properties included within the area to which this NVPP applies are provided below (Table 1). Property ID numbers in Figure 2 correspond to those listed in Table 1.

The NVPP applies to approximately 630 hectares of residential and agricultural land and is bound to the west by Deep Creek and Ryan Road, to the east by Mount Ararat Road North and Mount Ararat Road South, to the south by the Princes Freeway (Pakenham Bypass) and to the north by an electricity transmission line easement. The NVPP is located approximately 60 kilometres south-east of Melbourne's Central Business District and covers the suburbs of Pakenham, Nar Nar Goon and Nar Nar Goon North.

Remnant vegetation within the NVPP is representative of seven Ecological Vegetation Communities (EVCs) within the Gippsland Plain and Highlands – Southern Fall bioregions. The following EVCs were recorded: Riparian Forest (EVC 18), Swampy Riparian Woodland (EVC 83), Grassy Forest (EVC 128), Grassy Woodland (EVC 175), Damp Heathy Woodland (EVC 793), Swampy Woodland (EVC 937) and Swamp Scrub (EVC 53). A total of 505 scattered trees were recorded within the NVPP. The habitat zones and scattered trees included for retention within the precinct have been identified as containing remnant native vegetation and providing potential habitat for threatened flora and fauna. It is important that these areas are retained and managed to ensure that their biodiversity values and habitat links are protected and enhanced.

The Commonwealth has determined that the rezoning of the precinct in accordance with the *Pakenham East PSP* is not considered a 'controlled action' under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). This means that the proposed future development of the PSP does not require further assessment and approval under the EPBC Act.

**Table 1** Land included within the area to which this NVPP applies

Property ID	Property address	Property SPI
1	155 Dore Road, Pakenham 3810	1\TP709442
2	365 Seymour Road, Nar Nar Goon North 3812	2\LP204796
3	325 Seymour Road, Nar Nar Goon North 3812	2\LP93961
4	85 Mount Ararat North Road, Nar Nar Goon North 3812	1\LP55512
5	55 Mount Ararat North Road, Nar Nar Goon North 3812	2\PS436254
6	15 Mount Ararat North Road, Nar Nar Goon North 3812	1\PS436254
7	Dore Road, Nar Nar Goon North 3812	3\PS422931
8	40 Dore Road, Nar Nar Goon North 3812	1\PS422931
9	Dore Road, Nar Nar Goon North 3812	2\PS422931
10	Dore Road, Pakenham 3810	1\PS815190
11	45 Dore Road, Pakenham 3810	1\PS512523
12	27 Dore Road, Pakenham 3810	1\TP709318
13	27 Dore Road, Pakenham 3810	1\TP424541

Property ID	Property address	Property SPI
14	55 Dore Road, Pakenham 3810	2\PS815190
16	2 Ryan Road, Pakenham 3810	1\PS402178
17	14 Ryan Road, Pakenham 3810	1\PS425421
18	26 Ryan Road, Pakenham 3810	2\PS425421
19	30 Ryan Road, Pakenham 3810	3\PS425421
20	36 Ryan Road, Pakenham 3810	4\PS425422
21	40 Ryan Road, Pakenham 3810	5\PS425422
22	46 Ryan Road, Pakenham 3810	6\PS425422
23	50 Ryan Road, Pakenham 3810	1\PS738928
24	52 Ryan Road, Pakenham 3810	2\PS738928
25	60 Ryan Road, Pakenham 3810	8\PS425423
26	70 Ryan Road, Pakenham 3810	9\PS425423
27	Ryan Road, Pakenham 3810	RES1\PS402188
28	25 Canty Lane, Pakenham 3810	1\PS439920
29	35 Canty Lane, Pakenham 3810	2\PS439920
30	1550 Princes Highway, Nar Nar Goon 3812	23B1\PP3272
31	1530 Princes Highway, Nar Nar Goon 3812	1\TP105798
32	Princes Highway, Nar Nar Goon 3812	1\PS547978
33	1560 Princes Highway, Nar Nar Goon 3812	3\PS308950
34	Princes Highway, Nar Nar Goon 3812	2\PS547978
35	1610 Princes Highway, Nar Nar Goon 3812	1\LP137971
36	1610 Princes Highway, Nar Nar Goon 3812	2\PS425398
37	32 Mount Ararat South Road, Nar Nar Goon 3812	1\PS425398
38	90 Mount Ararat South Road, Nar Nar Goon 3812	1\PS544521
39	1550 Princes Highway, Nar Nar Goon 3812	3\PS607403
40	1550 Princes Highway, Nar Nar Goon 3812	1\PS613913
41	Ryan Road, Pakenham 3810	RES1\PS607403
42	10 Canty Lane, Pakenham 3810	4\PS335913
43	100 Ryan Road, Pakenham 3810	1\LP56549
44	104 Ryan Road, Pakenham 3810	3\PS335913
45	110 Ryan Road, Pakenham 3810	1\TP146370
46	114 Ryan Road, Pakenham 3810	1\TP369003
47	140 Ryan Road, Pakenham 3810	1\PS544516
48	160 Ryan Road, Pakenham 3810	1\TP534843
49	180 Ryan Road, Pakenham 3810	1\PS607403
50	Ryan Road, Pakenham 3810	3\PS547650
51	Ryan Road, Pakenham 3810	2\PS547650

## 3 NATIVE VEGETATION TO BE REMOVED

### 3.1 Assessment Pathway

The assessment pathway for native vegetation that can be removed (including the reason for the assessment pathway) is described in the *Native vegetation removal report EHP\_2018\_239* (Appendix 1) and Table 2.

**Table 2** Assessment pathway and reason for the assessment pathway

Assessment pathway	Detailed
Extent including past and proposed	13.086 hectares
Extent of past removal	0.000 hectares
Extent of proposed removal	13.086 hectares
No. Large trees proposed to be removed	111
Location category	Location 2: The native vegetation is in an area mapped as an endangered Ecological Vegetation Class, Removal of less than 0.5 hectares of native vegetation in this location will not have a significant impact on any habitat for a rare or threatened species.

### 3.2 Description of Native Vegetation to be Removed

The following native vegetation can be removed, destroyed or lopped without a planning permit, subject to the requirements and conditions set out in this NVPP:

- Native vegetation described in Table 3 and Table 4 and shown in Figure 2 to this NVPP; and,
- Native vegetation that does not qualify as a patch of native vegetation or a scattered tree.

For native vegetation that regenerates following approval of this NVPP, and all other native vegetation in the NVPP area that is not identified as 'to be retained', advice should be sought from the relevant Responsible Authority as to whether a permit is required for its removal, destruction or lopping.

Habitat zone and tree labels in Table 3 and Table 4 correspond to habitat zone and tree labels in Figure 2a-n.



**Table 3** Native vegetation to be removed

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
15-R	Patch	GipP0937	Endangered	0	0.160	0.020	0.260	0.003	General
27-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.460	0.015	General
29-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.460	0.000	General
30-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.460	0.002	General
26-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.460	0.015	General
10-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.460	0.007	General
11-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.460	0.006	General
22-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.460	0.011	General
1-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.460	0.002	General
12-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.002	General
23-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.002	General
595-TL	Scattered Tree	HSF_0128	Vulnerable	1	0.200	0.070	0.450	0.015	General
586-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.450	0.007	General
588-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.450	0.007	General
589-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.450	0.007	General
596-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.450	0.001	General
47-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.440	0.007	General
48-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.440	0.007	General
574-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.420	0.015	General
577-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.420	0.015	General
570-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.420	0.007	General
571-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.420	0.007	General
572-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.420	0.001	General
548-TS	Scattered Tree	HSF_0793	Depleted	0	0.200	0.031	0.410	0.007	General
549-TS	Scattered Tree	HSF_0793	Depleted	0	0.200	0.031	0.410	0.007	General
569-TS	Scattered Tree	HSF_0793	Depleted	0	0.200	0.031	0.440	0.007	General
527-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.003	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
528-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.003	General
529-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
530-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
531-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
532-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
533-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
534-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
535-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.002	General
536-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.000	General
537-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
538-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
539-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.001	General
540-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.003	General
526-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.007	General
290-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.014	General
291-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.013	General
292-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.011	General
293-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.013	General
296-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.015	General
297-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.015	General
294-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	-	0.000	-
295-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.430	0.000	General
298-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.430	0.007	General
302-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.400	0.007	General
112-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.005	General
113-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.005	General
114-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.420	0.007	General
306-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.369	0.006	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
310-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.351	0.006	General
603-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.367	0.013	General
605-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.360	0.012	General
606-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.378	0.014	General
602-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.360	0.005	General
604-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.360	0.000	General
607-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.306	0.006	General
388-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
390-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
401-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
409-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
410-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
411-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
413-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
418-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
423-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
424-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
428-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.005	General
429-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
430-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
431-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.438	0.002	General
432-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.438	0.003	General
434-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
435-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.427	0.003	General
436-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
443-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.001	General
444-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.001	General
445-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
446-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.001	General
447-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.006	General
448-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
455-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
456-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
470-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
471-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
472-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
473-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
474-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
475-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
476-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
477-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.002	General
478-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
479-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
480-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.001	General
481-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.002	General
482-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
483-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
484-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
485-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.432	0.006	General
486-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.439	0.002	General
487-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.439	0.003	General
488-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.441	0.005	General
489-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.448	0.004	General
490-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.443	0.002	General
491-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General
492-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
493-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
494-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General
495-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
496-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General
497-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General
498-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
499-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
500-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.449	0.005	General
501-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
502-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
503-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
504-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
505-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.005	General
506-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.005	General
507-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
508-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
509-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
510-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
511-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
512-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
513-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.005	General
514-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
515-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
516-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
517-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
518-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
519-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
520-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
521-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
522-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
523-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.006	General
375-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.419	0.015	General
376-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.007	General
378-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.007	General
373-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.004	General
374-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.004	General
5-AA	Scattered Tree	GipP0937	Endangered	0	0.180	0.022	0.439	0.004	General
316-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.014	General
339-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.013	General
341-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.013	General
620-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.447	0.015	General
622-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.431	0.011	General
623-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.412	0.007	General
353-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.007	General
356-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.790	0.006	General
357-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.790	0.004	General
358-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.790	0.005	General
360-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.790	0.007	General
317-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.005	General
318-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
319-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
320-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
321-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
327-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
328-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
330-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
332-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
333-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
334-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
335-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.450	0.003	General
336-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.002	General
337-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
338-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
340-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	-	0.000	General
345-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.004	General
349-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.007	General
1-E	Patch	GipP0937	Endangered	0	0.280	0.039	0.450	0.012	General
1-F	Patch	GipP0937	Endangered	2	0.320	0.060	0.450	0.021	General
2-F	Patch	GipP0937	Endangered	0	0.320	0.001	0.450	0.000	General
13-S	Patch	GipP0937	Endangered	0	0.140	0.014	0.670	0.002	General
63-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.380	0.006	General
62-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.373	0.014	General
3-C	Patch	HSF_0793	Depleted	0	0.390	0.009	0.450	0.004	General
4-P	Patch	HSF_0937	Endangered	0	0.360	0.016	0.450	0.006	General
132-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.370	0.006	General
9-D	Patch	HSF_0128	Vulnerable	0	0.290	0.003	0.310	0.001	General
10-A	Patch	HSF_0793	Depleted	0	0.390	0.000	0.320	0.000	General
11-G	Patch	HSF_0128	Vulnerable	0	0.400	0.001	0.370	0.000	General
379-TL	Scattered Tree	HSF_0128	Vulnerable	1	0.200	0.070	0.394	0.015	General
23-Y	Patch	GipP0937	Endangered	0	0.240	0.098	0.400	0.025	General
24-Y	Patch	GipP0937	Endangered	0	0.240	0.060	0.440	0.016	General
25-E	Patch	HSF_0128	Vulnerable	1	0.390	0.034	0.310	0.013	General
26-B	Patch	HSF_0793	Depleted	0	0.290	0.000	0.310	0.000	General
27-B	Patch	HSF_0793	Depleted	0	0.290	0.001	0.366	0.000	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
28-F	Patch	HSF_0128	Vulnerable	0	0.360	0.002	0.370	0.001	General
29-H	Patch	HSF_0128	Vulnerable	0	0.440	0.048	0.528	0.024	General
30-O	Patch	GipP0053	Endangered	0	0.390	0.000	0.750	0.000	General
31-O	Patch	GipP0053	Endangered	0	0.390	0.000	0.450	0.000	General
32-O	Patch	GipP0053	Endangered	0	0.390	0.000	0.450	0.000	General
33-O	Patch	GipP0053	Endangered	0	0.390	0.001	0.450	0.000	General
34-O	Patch	GipP0053	Endangered	0	0.390	0.005	0.450	0.002	General
35-O	Patch	GipP0053	Endangered	0	0.390	0.008	0.750	0.004	General
36-B	Patch	HSF_0793	Depleted	0	0.290	0.000	0.370	0.000	General
37-B	Patch	HSF_0793	Depleted	0	0.290	0.011	0.370	0.003	General
38-F	Patch	HSF_0128	Vulnerable	1	0.360	0.034	0.370	0.012	General
40-Z	Patch	HSF_0937	Endangered	2	0.180	0.752	0.408	0.143	General
148-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.367	0.013	General
149-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.380	0.015	General
150-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.380	0.015	General
152-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.380	0.015	General
155-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.380	0.014	General
156-TL	Scattered Tree	HSF_0128	Vulnerable	1	0.200	0.070	0.392	0.014	General
157-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.380	0.015	General
159-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.370	0.014	General
161-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.370	0.014	General
167-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.400	0.014	General
168-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.400	0.014	General
230-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.400	0.015	General
188-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.012	General
189-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.009	General
190-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.012	General
191-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.014	General



Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
192-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.450	0.014	General
231-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.400	0.015	General
164-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.450	0.007	General
165-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.406	0.007	General
212-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.005	General
213-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.005	General
214-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.005	General
216-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.005	General
217-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.005	General
218-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.004	General
219-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.004	General
220-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.004	General
221-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.006	General
224-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.006	General
225-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.006	General
227-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.400	0.007	General
229-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.400	0.007	General
234-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.422	0.007	General
242-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.007	General
14-Q	Patch	GipP0937	Endangered	0	0.230	0.000	0.800	0.000	General
6-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.800	0.005	General
7-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.800	0.003	General
8-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.800	0.003	General
9-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.800	0.004	General
36-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.272	0.013	General
12-H	Patch	HSF_0128	Vulnerable	0	0.440	0.009	0.430	0.004	General
1-K	Patch	HSF_0128	Vulnerable	0	0.270	0.013	0.326	0.003	General
2-D	Patch	HSF_0128	Vulnerable	0	0.290	0.006	0.310	0.002	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
6-E	Patch	HSF_0128	Vulnerable	0	0.390	0.000	0.310	0.000	General
7-J	Patch	HSF_0128	Vulnerable	0	0.290	0.010	0.335	0.003	General
8-I	Patch	HSF_0128	Vulnerable	0	0.310	0.030	0.340	0.009	General
39-Z	Patch	HSF_0937	Endangered	0	0.180	0.199	0.410	0.038	General
673-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.410	0.015	General
676-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.440	0.011	General
677-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.440	0.011	General
670-TS	Scattered Tree	HSF_0793	Depleted	0	0.200	0.031	0.410	0.000	General
672-TS	Scattered Tree	HSF_0793	Depleted	0	0.200	0.031	0.410	0.006	General
675-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.410	0.007	General
18-A	Patch	HSF_0793	Depleted	2	0.390	0.047	0.316	0.018	General
19-B	Patch	HSF_0793	Depleted	0	0.290	0.029	0.339	0.008	General
20-F	Patch	HSF_0128	Vulnerable	0	0.360	0.034	0.370	0.013	General
21-G	Patch	HSF_0128	Vulnerable	2	0.400	0.105	0.352	0.043	General
22-H	Patch	HSF_0128	Vulnerable	5	0.440	0.065	0.557	0.033	General
41-J	Patch	HSF_0128	Vulnerable	2	0.290	0.029	0.330	0.008	General
42-K	Patch	HSF_0128	Vulnerable	4	0.270	0.042	0.331	0.011	General
43-D	Patch	HSF_0128	Vulnerable	0	0.290	0.027	0.310	0.008	General
44-E	Patch	HSF_0128	Vulnerable	0	0.390	0.064	0.310	0.025	General
45-I	Patch	HSF_0128	Vulnerable	4	0.310	0.037	0.340	0.012	General
46-Q	Patch	GipP0937	Endangered	0	0.230	0.015	0.800	0.005	General
47-T	Patch	HSF_0937	Endangered	1	0.270	0.055	0.330	0.015	General
48-U	Patch	HSF_0937	Endangered	0	0.120	0.012	0.370	0.001	General
49-V	Patch	GipP0937	Endangered	0	0.140	0.196	0.439	0.030	General
50-V	Patch	GipP0937	Endangered	0	0.140	0.127	0.685	0.022	General
51-W	Patch	GipP0937	Endangered	2	0.290	0.123	0.460	0.039	General
52-X	Patch	GipP0937	Endangered	1	0.310	0.039	0.460	0.013	General
53-L	Patch	GipP0175	Endangered	0	0.210	0.060	0.750	0.017	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
54-M	Patch	GipP0175	Endangered	0	0.180	0.009	0.584	0.002	General
55-O	Patch	GipP0053	Endangered	0	0.390	0.183	0.621	0.087	General
56-C	Patch	HSF_0793	Depleted	0	0.390	0.160	0.450	0.068	General
57-P	Patch	HSF_0937	Endangered	0	0.360	0.103	0.450	0.040	General
58-S	Patch	GipP0937	Endangered	0	0.140	0.005	0.670	0.001	General
59-R	Patch	GipP0937	Endangered	0	0.160	0.006	0.260	0.001	General
60-N	Patch	GipP0175	Endangered	1	0.300	0.150	0.716	0.058	General
578-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.420	0.015	General
608-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.380	0.015	General
617-TL	Scattered Tree	GipP0018	Vulnerable	1	0.200	0.070	0.460	0.015	General
34-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.260	0.009	General
35-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.413	0.010	General
38-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.250	0.013	General
64-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.402	0.015	General
621-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.421	0.015	General
624-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.420	0.007	General
625-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.407	0.010	General
44-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.440	0.015	General
372-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.430	0.015	General
16-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.460	0.006	General
17-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.460	0.009	General
13-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.460	0.011	General
111-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.400	0.015	General
28-TL	Scattered Tree	GipP0083	Endangered	1	0.200	0.070	0.460	0.015	General
609-TL	Scattered Tree	GipP0018	Vulnerable	1	0.200	0.070	0.410	0.015	General
613-TL	Scattered Tree	GipP0018	Vulnerable	1	0.200	0.070	0.800	0.019	General
616-TL	Scattered Tree	GipP0018	Vulnerable	1	0.200	0.070	0.768	0.019	General
305-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.380	0.015	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
669-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.410	0.015	General
123-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.760	0.018	General
124-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.760	0.012	General
126-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.760	0.013	General
136-TL	Scattered Tree	GipP0128	Endangered	1	0.200	0.070	0.446	0.015	General
82-TL	Scattered Tree	GipP0175	Endangered	1	0.200	0.070	0.750	0.013	General
83-TL	Scattered Tree	GipP0175	Endangered	1	0.200	0.070	0.661	0.018	General
98-TL	Scattered Tree	GipP0175	Endangered	1	0.200	0.070	0.440	0.015	General
104-TL	Scattered Tree	HSF_0793	Depleted	1	0.200	0.070	0.441	0.008	General
678-TL	Scattered Tree	HSF_0937	Endangered	1	0.200	0.070	0.440	0.008	General
32-TL	Scattered Tree	GipP0937	Endangered	1	0.200	0.070	0.260	0.013	General
74-TL	Scattered Tree	HSF_0128	Vulnerable	1	0.200	0.070	0.450	0.015	General
125-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.760	0.000	General
585-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.450	0.007	General
590-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.450	0.006	General
591-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.450	0.006	General
593-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.450	0.007	General
579-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.440	0.004	General
580-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.440	0.002	General
581-TS	Scattered Tree	HSF_0175	Depleted	0	0.200	0.031	0.440	0.002	General
582-TS	Scattered Tree	HSF_0175	Depleted	0	0.200	0.031	0.440	0.004	General
583-TS	Scattered Tree	HSF_0175	Depleted	0	0.200	0.031	0.444	0.006	General
19-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.004	General
20-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.005	General
21-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.460	0.001	General
25-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.007	General
322-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.005	General
323-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
324-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General
325-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.003	General
326-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.001	General
329-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.006	General
331-TS	Scattered Tree	GipP0018	Vulnerable	0	0.200	0.031	0.450	0.005	General
350-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
351-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
39-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.250	0.001	General
40-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.250	0.001	General
122-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.430	0.007	General
311-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.004	General
312-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.002	General
313-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.003	General
314-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.005	General
315-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.007	General
525-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.007	General
18-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.000	General
24-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.460	0.003	General
33-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.460	0.005	General
610-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.410	0.007	General
594-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.440	0.007	General
45-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.800	0.008	General
464-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.400	0.007	General
441-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
442-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.002	General
449-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
450-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
451-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
452-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
453-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
454-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.005	General
459-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.002	General
460-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.002	General
461-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
462-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
463-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
466-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.429	0.003	General
467-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.001	General
468-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.429	0.001	General
469-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
674-TS	Scattered Tree	HSF_0793	Depleted	0	0.200	0.031	0.410	0.000	General
115-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.380	0.006	General
116-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.380	0.006	General
117-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.380	0.006	General
118-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.430	0.007	General
137-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.455	0.005	General
138-TS	Scattered Tree	GipP0128	Endangered	0	0.200	0.031	0.458	0.005	General
84-TS	Scattered Tree	GipP0175	Endangered	0	0.200	0.031	0.790	0.003	General
67-TS	Scattered Tree	GipP0175	Endangered	0	0.200	0.031	0.460	0.007	General
457-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.003	General
458-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.430	0.004	General
465-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
73-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.450	0.007	General
99-TS	Scattered Tree	GipP0083	Endangered	0	0.200	0.031	0.440	0.002	General
77-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.450	0.000	General
78-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.450	0.002	General

Habitat Zone	Type	BioEVC	BioEVC Conservation Status	Large Tree(s)	Condition Score	Extent (ha)	SBV Score	Habitat Units	Offset Type
79-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.450	0.003	General
100-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.440	0.006	General
101-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.440	0.004	General
102-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.440	0.002	General
103-TS	Scattered Tree	HSF_0937	Endangered	0	0.200	0.031	0.441	0.001	General
140-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.340	0.006	General
41-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.250	0.003	General
42-TS	Scattered Tree	GipP0937	Endangered	0	0.200	0.031	0.250	0.002	General
75-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	0.450	0.000	General
76-TS	Scattered Tree	HSF_0128	Vulnerable	0	0.200	0.031	-	0.000	-
1-AB	Patch	GipP0937	Endangered	0	0.230	0.100	0.450	0.025	General

Note: SBV score = Strategic Biodiversity Value score.

**Table 4** Information about trees to be removed

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
<b>Scattered Trees</b>				
1	SST	<i>Eucalyptus</i> spp. 1	Eucalyptus spp. 1	22
6	SST	<i>Eucalyptus goniocalyx</i>	Bundy	59
7	SST	<i>Eucalyptus goniocalyx</i>	Bundy	55
8	SST	<i>Eucalyptus goniocalyx</i>	Bundy	30
9	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	58
10	LST	<i>Eucalyptus ovata</i>	Swamp Gum	74
11	LST	<i>Eucalyptus ovata</i>	Swamp Gum	80
12	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	30
13	LST	<i>Eucalyptus ovata</i>	Swamp Gum	85
16	LST	<i>Eucalyptus ovata</i>	Swamp Gum	84
17	LST	<i>Eucalyptus ovata</i>	Swamp Gum	82
18	SST	<i>Eucalyptus ovata</i>	Swamp Gum	20
19	SST	<i>Eucalyptus ovata</i>	Swamp Gum	60
20	SST	<i>Eucalyptus ovata</i>	Swamp Gum	10
21	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	8
22	LST	<i>Eucalyptus ovata</i>	Swamp Gum	75
23	SST	<i>Eucalyptus ovata</i>	Swamp Gum	28

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
24	SST	<i>Eucalyptus ovata</i>	Swamp Gum	68
25	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	18
26	LST	<i>Eucalyptus ovata</i>	Swamp Gum	80
27	LST	<i>Eucalyptus ovata</i>	Swamp Gum	75
28	LST	<i>Eucalyptus ovata</i>	Swamp Gum	70
29	SST	Dead Stag	Dead Stag	50
30	SST	<i>Eucalyptus ovata</i>	Swamp Gum	70
32	LST	<i>Eucalyptus ovata</i>	Swamp Gum	120
33	SST	<i>Eucalyptus ovata</i>	Swamp Gum	15
34	LST	<i>Eucalyptus ovata</i>	Swamp Gum	78
35	LST	<i>Eucalyptus ovata</i>	Swamp Gum	84
36	LST	<i>Eucalyptus ovata</i>	Swamp Gum	118
38	LST	<i>Eucalyptus ovata</i>	Swamp Gum	105
39	SST	<i>Eucalyptus ovata</i>	Swamp Gum	40
40	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
41	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
42	SST	<i>Eucalyptus ovata</i>	Swamp Gum	6
44	LST	<i>Eucalyptus ovata</i>	Swamp Gum	105
45	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	55
47	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	51
48	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	51
62	LST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	72
63	SST	Dead Stag	Dead Stag	60
64	LST	<i>Eucalyptus</i> spp. 1	<i>Eucalyptus</i> spp. 1	70
67	SST	<i>Allocasurina littoralis</i>	Black Sheoak	28
73	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	64
74	LST	<i>Eucalyptus obliqua</i>	Messmate	70
75	SST	<i>Eucalyptus obliqua</i>	Messmate	44
76	SST	<i>Eucalyptus obliqua</i>	Messmate	22
77	SST	<i>Eucalyptus obliqua</i>	Messmate	24
78	SST	<i>Eucalyptus obliqua</i>	Messmate	25
79	SST	<i>Eucalyptus obliqua</i>	Messmate	36
82	LST	<i>Allocasurina littoralis</i>	Black Sheoak	47
83	LST	<i>Allocasurina littoralis</i>	Black Sheoak	40
84	SST	<i>Allocasurina littoralis</i>	Black Sheoak	34
98	LST	<i>Allocasuarina verticillata</i>	Drooping Sheoak	42
99	SST	Dead Stag	Dead Stag	18



Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
100	SST	<i>Eucalyptus ovata</i>	Swamp Gum	30
101	SST	Dead Stag	Dead Stag	10
102	SST	Dead Stag	Dead Stag	30
103	SST	<i>Eucalyptus ovata</i>	Swamp Gum	15
104	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	89
111	LST	<i>Eucalyptus goniocalyx</i>	Bundy	80
112	SST	Dead Stag	Dead Stag	40
113	SST	Dead Stag	Dead Stag	45
114	SST	Dead Stag	Dead Stag	60
115	SST	<i>Eucalyptus ovata</i>	Swamp Gum	43
116	SST	<i>Eucalyptus ovata</i>	Swamp Gum	43
117	SST	Dead Stag	Dead Stag	30
118	SST	<i>Eucalyptus goniocalyx</i>	Bundy	55
122	SST	<i>Eucalyptus goniocalyx</i>	Bundy	40
123	LST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80
124	LST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	70
125	SST	Dead Stag	Dead Stag	45
126	LST	Dead Stag	Dead Stag	60
132	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
136	LST	<i>Eucalyptus goniocalyx</i>	Bundy	85
137	SST	<i>Eucalyptus goniocalyx</i>	Bundy	30
138	SST	<i>Eucalyptus goniocalyx</i>	Bundy	25
140	SST	Dead Stag	Dead Stag	40
148	LST	Dead Stag	Dead Stag	86
149	LST	Dead Stag	Dead Stag	96
150	LST	Dead Stag	Dead Stag	77
152	LST	Dead Stag	Dead Stag	86
155	LST	Dead Stag	Dead Stag	60
156	LST	<i>Eucalyptus obliqua</i>	Messmate	30
157	LST	Dead Stag	Dead Stag	55
159	LST	Dead Stag	Dead Stag	53
161	LST	<i>Eucalyptus ovata</i>	Swamp Gum	80
164	SST	Dead Stag	Dead Stag	56
165	SST	<i>Eucalyptus ovata</i>	Swamp Gum	84
167	LST	Dead Stag	Dead Stag	105
168	LST	Dead Stag	Dead Stag	136
188	LST	<i>Eucalyptus ovata</i>	Swamp Gum	127

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
189	LST	<i>Eucalyptus ovata</i>	Swamp Gum	106
190	LST	<i>Eucalyptus ovata</i>	Swamp Gum	171
191	LST	<i>Eucalyptus ovata</i>	Swamp Gum	152
192	LST	<i>Eucalyptus ovata</i>	Swamp Gum	137
212	SST	<i>Eucalyptus ovata</i>	Swamp Gum	77
213	SST	<i>Eucalyptus ovata</i>	Swamp Gum	127
214	SST	<i>Eucalyptus ovata</i>	Swamp Gum	89
216	SST	<i>Eucalyptus ovata</i>	Swamp Gum	134
217	SST	Dead Stag	Dead Stag	71
218	SST	Dead Stag	Dead Stag	66
219	SST	<i>Eucalyptus ovata</i>	Swamp Gum	92
220	SST	Dead Stag	Dead Stag	92
221	SST	Dead Stag	Dead Stag	106
224	SST	<i>Eucalyptus ovata</i>	Swamp Gum	60
225	SST	<i>Eucalyptus ovata</i>	Swamp Gum	60
227	SST	Dead Stag	Dead Stag	80
229	SST	<i>Eucalyptus obliqua</i>	Messmate	25
230	LST	Dead Stag	Dead Stag	110
231	LST	Dead Stag	Dead Stag	80
234	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	25
242	SST	<i>Eucalyptus ovata</i>	Swamp Gum	40
290	LST	<i>Eucalyptus goniocalyx</i>	Bundy	140
291	LST	<i>Eucalyptus goniocalyx</i>	Bundy	86
292	LST	<i>Eucalyptus goniocalyx</i>	Bundy	86
293	LST	<i>Eucalyptus goniocalyx</i>	Bundy	102
294	SST	<i>Eucalyptus goniocalyx</i>	Bundy	33
295	SST	<i>Eucalyptus goniocalyx</i>	Bundy	18
296	LST	<i>Eucalyptus goniocalyx</i>	Bundy	156
297	LST	<i>Eucalyptus goniocalyx</i>	Bundy	105
298	SST	<i>Eucalyptus goniocalyx</i>	Bundy	50
302	SST	<i>Eucalyptus ovata</i>	Swamp Gum	49
305	LST	Dead Stag	Dead Stag	81
306	SST	Dead Stag	Dead Stag	61
310	SST	Dead Stag	Dead Stag	50
311	SST	<i>Eucalyptus cinerea</i>	Mealy Stringybark	48
312	SST	<i>Eucalyptus ovata</i>	Swamp Gum	55
313	SST	<i>Eucalyptus ovata</i>	Swamp Gum	53

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
314	SST	<i>Eucalyptus ovata</i>	Swamp Gum	40
315	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	60
316	LST	Dead Stag	Dead Stag	110
317	SST	Dead Stag	Dead Stag	63
318	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	62
319	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	33
320	SST	Dead Stag	Dead Stag	43
321	SST	<i>Eucalyptus ovata</i>	Swamp Gum	15
322	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	44
323	SST	Dead Stag	Dead Stag	42
324	SST	Dead Stag	Dead Stag	40
325	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	18
326	SST	<i>Eucalyptus ovata</i>	Swamp Gum	25
327	SST	<i>Eucalyptus ovata</i>	Swamp Gum	15
328	SST	Dead Stag	Dead Stag	35
329	SST	<i>Eucalyptus ovata</i>	Swamp Gum	46
330	SST	Dead Stag	Dead Stag	53
331	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	38
332	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	60
333	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
334	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	57
335	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	40
336	SST	Dead Stag	Dead Stag	62
337	SST	<i>Eucalyptus ovata</i>	Swamp Gum	50
338	SST	Dead Stag	Dead Stag	41
339	LST	Dead Stag	Dead Stag	73
340	SST	<i>Eucalyptus ovata</i>	Swamp Gum	58
341	LST	<i>Eucalyptus ovata</i>	Swamp Gum	72
345	SST	<i>Eucalyptus ovata</i>	Swamp Gum	60
349	SST	Dead Stag	Dead Stag	68
350	SST	<i>Eucalyptus ovata</i>	Swamp Gum	113
351	SST	Dead Stag	Dead Stag	47
353	SST	Dead Stag	Dead Stag	47
356	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	28
357	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	33
358	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	24
360	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	23

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
372	LST	<i>Eucalyptus goniocalyx</i>	Bundy	76
373	SST	Dead Stag	Dead Stag	33
374	SST	<i>Eucalyptus cinerea</i>	Mealy Stringybark	40
375	LST	<i>Eucalyptus goniocalyx</i>	Bundy	125
376	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	46
378	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	55
379	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	108
388	SST	Dead Stag	Dead Stag	35
390	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
401	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	35
409	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
410	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
411	SST	<i>Eucalyptus ovata</i>	Swamp Gum	75
413	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	45
418	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	55
423	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
424	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	25
428	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
429	SST	Dead Stag	Dead Stag	30
430	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	35
431	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	45
432	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
434	SST	Dead Stag	Dead Stag	90
435	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
436	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
441	SST	Dead Stag	Dead Stag	40
442	SST	Dead Stag	Dead Stag	30
443	SST	Dead Stag	Dead Stag	15
444	SST	Dead Stag	Dead Stag	20
445	SST	Dead Stag	Dead Stag	53
446	SST	Dead Stag	Dead Stag	30
447	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
448	SST	Dead Stag	Dead Stag	45
449	SST	Dead Stag	Dead Stag	25
450	SST	Dead Stag	Dead Stag	20
451	SST	Dead Stag	Dead Stag	45
452	SST	Dead Stag	Dead Stag	35

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
453	SST	Dead Stag	Dead Stag	45
454	SST	Dead Stag	Dead Stag	30
455	SST	Dead Stag	Dead Stag	30
456	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
457	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	35
458	SST	Dead Stag	Dead Stag	25
459	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
460	SST	Dead Stag	Dead Stag	30
461	SST	Dead Stag	Dead Stag	30
462	SST	Dead Stag	Dead Stag	30
463	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	25
464	SST	<i>Eucalyptus ovata</i>	Swamp Gum	55
465	SST	<i>Eucalyptus ovata</i>	Swamp Gum	68
466	SST	Dead Stag	Dead Stag	40
467	SST	Dead Stag	Dead Stag	15
468	SST	Dead Stag	Dead Stag	10
469	SST	Dead Stag	Dead Stag	25
470	SST	Dead Stag	Dead Stag	25
471	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
472	SST	Dead Stag	Dead Stag	35
473	SST	Dead Stag	Dead Stag	25
474	SST	Dead Stag	Dead Stag	30
475	SST	Dead Stag	Dead Stag	15
476	SST	Dead Stag	Dead Stag	30
477	SST	Dead Stag	Dead Stag	20
478	SST	Dead Stag	Dead Stag	30
479	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
480	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
481	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
482	SST	Dead Stag	Dead Stag	25
483	SST	Dead Stag	Dead Stag	40
484	SST	Dead Stag	Dead Stag	20
485	SST	Dead Stag	Dead Stag	30
486	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	35
487	SST	Dead Stag	Dead Stag	30
488	SST	Dead Stag	Dead Stag	55
489	SST	Dead Stag	Dead Stag	30

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
490	SST	Dead Stag	Dead Stag	25
491	SST	Dead Stag	Dead Stag	30
492	SST	Dead Stag	Dead Stag	25
493	SST	Dead Stag	Dead Stag	25
494	SST	Dead Stag	Dead Stag	30
495	SST	Dead Stag	Dead Stag	25
496	SST	Dead Stag	Dead Stag	30
497	SST	Dead Stag	Dead Stag	15
498	SST	Dead Stag	Dead Stag	25
499	SST	Dead Stag	Dead Stag	30
500	SST	Dead Stag	Dead Stag	25
501	SST	Dead Stag	Dead Stag	30
502	SST	Dead Stag	Dead Stag	30
503	SST	Dead Stag	Dead Stag	25
504	SST	Dead Stag	Dead Stag	30
505	SST	Dead Stag	Dead Stag	30
506	SST	Dead Stag	Dead Stag	30
507	SST	Dead Stag	Dead Stag	25
508	SST	Dead Stag	Dead Stag	35
509	SST	Dead Stag	Dead Stag	30
510	SST	Dead Stag	Dead Stag	30
511	SST	Dead Stag	Dead Stag	25
512	SST	Dead Stag	Dead Stag	25
513	SST	Dead Stag	Dead Stag	30
514	SST	Dead Stag	Dead Stag	30
515	SST	Dead Stag	Dead Stag	55
516	SST	Dead Stag	Dead Stag	45
517	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	55
518	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
519	SST	Dead Stag	Dead Stag	35
520	SST	Dead Stag	Dead Stag	30
521	SST	Dead Stag	Dead Stag	25
522	SST	Dead Stag	Dead Stag	30
523	SST	Dead Stag	Dead Stag	25
525	SST	<i>Eucalyptus ovata</i>	Swamp Gum	55
526	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
527	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
528	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
529	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
530	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
531	SST	Dead Stag	Dead Stag	55
532	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
533	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
534	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
535	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	15
536	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	25
537	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	30
538	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
539	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
540	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
548	SST	Dead Stag	Dead Stag	50
549	SST	Dead Stag	Dead Stag	40
569	SST	Dead Stag	Dead Stag	40
570	SST	<i>Eucalyptus ovata</i>	Swamp Gum	55
571	SST	<i>Eucalyptus ovata</i>	Swamp Gum	45
572	SST	<i>Eucalyptus ovata</i>	Swamp Gum	53
574	LST	<i>Eucalyptus ovata</i>	Swamp Gum	73
577	LST	<i>Eucalyptus ovata</i>	Swamp Gum	172
578	LST	<i>Eucalyptus ovata</i>	Swamp Gum	80
579	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	20
580	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	25
581	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	48
582	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	48
583	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	53
585	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	55
586	SST	<i>Eucalyptus goniocalyx</i>	Bundy	50
588	SST	<i>Eucalyptus goniocalyx</i>	Bundy	40
589	SST	<i>Eucalyptus goniocalyx</i>	Bundy	45
590	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
591	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	42
593	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
594	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	44
595	LST	<i>Eucalyptus goniocalyx</i>	Bundy	120
596	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	42

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
602	SST	<i>Eucalyptus goniocalyx</i>	Bundy	58
603	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	84
604	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	67
605	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	89
606	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	74
607	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	64
608	LST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	108
609	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	165
610	SST	<i>Eucalyptus ovata</i>	Swamp Gum	65
613	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	105
616	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	110
617	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	85
620	LST	<i>Eucalyptus ovata</i>	Swamp Gum	72
621	LST	<i>Eucalyptus ovata</i>	Swamp Gum	72
622	LST	<i>Eucalyptus ovata</i>	Swamp Gum	78
623	LST	<i>Eucalyptus ovata</i>	Swamp Gum	70
624	LST	<i>Eucalyptus ovata</i>	Swamp Gum	80
669	LST	Dead Stag	Dead Stag	75
670	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	15
672	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	55
673	LST	<i>Eucalyptus camaldulensis</i>	River Red-gum	90
674	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	20
675	SST	<i>Eucalyptus camaldulensis</i>	River Red-gum	45
676	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	72
677	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	85
678	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	89
<b>Large Trees in patches</b>				
2	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
3	LPT	<i>Allocasurina littoralis</i>	Black Sheoak	40*
4	LPT	<i>Allocasurina littoralis</i>	Black Sheoak	40*
5	LPT	<i>Allocasurina littoralis</i>	Black Sheoak	40*
24	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
33	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
34	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
35	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
36	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
37	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*



Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
38	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
39	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
40	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
41	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
42	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
43	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
44	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
45	LPT	<i>Eucalyptus goniocalyx</i>	Bundy	80*
46	LPT	<i>Eucalyptus goniocalyx</i>	Bundy	80*
47	LPT	<i>Eucalyptus goniocalyx</i>	Bundy	80*
48	LPT	<i>Eucalyptus goniocalyx</i>	Bundy	80*
49	LPT	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80*
53	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
54	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
55	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
56	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
57	LPT	Dead stag	Dead Stag	80*
58	LPT	Dead Stag	Dead Stag	80*

\* This is a large tree within a patch of native vegetation (exact diameter not recorded).

Note: LPT = Large tree within a patch of native vegetation, LST = Large scattered tree, SST = Small scattered tree. The EVC benchmark DBH of a large tree is 80cm for *Eucalyptus* spp. and 40cm Black Sheoak.

## 4 NATIVE VEGETATION OFFSETS

### 4.1 Offset Requirement for Native Vegetation to be Removed

The offset requirements for native vegetation that can be removed are described in the *Native vegetation removal report (EHP\_2018\_239)* and Table 5.

The offset requirements divided amongst multiple properties or parties are outlined below (Table 6).

**Table 5** Total offset requirements for NVPP area

General Offsets Required	3.068 GHUs
Species Offsets Required	N/A
Vicinity (catchment / LGA)	Port Philip and Westernport CMA / Cardinia Shire Council
Minimum Strategic Biodiversity Value Score	0.356
Large Trees	111

**Table 6** Offset requirements divided amongst multiple properties or parties

Property ID	General Offsets Required (GHUs)	Vicinity (Catchment / LGA)	Minimum SBV Score	Large Trees (No.)
1	0.050	Port Philip and Westernport CMA / Cardinia Shire Council	0.318	0
2	0.005	Port Philip and Westernport CMA / Cardinia Shire Council	0.257	0
3	0.015	Port Philip and Westernport CMA / Cardinia Shire Council	0.322	1
5	0.015	Port Philip and Westernport CMA / Cardinia Shire Council	0.298	1
6	0.009	Port Philip and Westernport CMA / Cardinia Shire Council	0.374	0
8	0.016	Port Philip and Westernport CMA / Cardinia Shire Council	0.324	0
9	0.001	Port Philip and Westernport CMA / Cardinia Shire Council	0.256	0
11	0.011	Port Philip and Westernport CMA / Cardinia Shire Council	0.344	0
14	0.587	Port Philip and Westernport CMA / Cardinia Shire Council	0.325	22
16	0.054	Port Philip and Westernport CMA / Cardinia Shire Council	0.631	2
17	0.015	Port Philip and Westernport CMA / Cardinia Shire Council	0.368	1
19	0.058	Port Philip and Westernport CMA / Cardinia Shire Council	0.368	6

Property ID	General Offsets Required (GHUs)	Vicinity (Catchment / LGA)	Minimum SBV Score	Large Trees (No.)
20	0.032	Port Philip and Westernport CMA / Cardinia Shire Council	0.368	1
21	0.038	Port Philip and Westernport CMA / Cardinia Shire Council	0.368	2
23	0.003	Port Philip and Westernport CMA / Cardinia Shire Council	0.208	0
25	0.045	Port Philip and Westernport CMA / Cardinia Shire Council	0.233	4
26	0.017	Port Philip and Westernport CMA / Cardinia Shire Council	0.331	1
29	0.282	Port Philip and Westernport CMA / Cardinia Shire Council	0.371	11
30	0.373	Port Philip and Westernport CMA / Cardinia Shire Council	0.353	0
31	0.052	Port Philip and Westernport CMA / Cardinia Shire Council	0.338	2
33	0.015	Port Philip and Westernport CMA / Cardinia Shire Council	0.315	1
34	0.054	Port Philip and Westernport CMA / Cardinia Shire Council	0.335	0
35	0.066	Port Philip and Westernport CMA / Cardinia Shire Council	0.336	4
36	0.020	Port Philip and Westernport CMA / Cardinia Shire Council	0.352	0
37	0.008	Port Philip and Westernport CMA / Cardinia Shire Council	0.640	0
38	0.096	Port Philip and Westernport CMA / Cardinia Shire Council	0.355	2
39	0.059	Port Philip and Westernport CMA / Cardinia Shire Council	0.332	3
40	0.021	Port Philip and Westernport CMA / Cardinia Shire Council	0.309	1
42	0.029	Port Philip and Westernport CMA / Cardinia Shire Council	0.314	0
44	0.022	Port Philip and Westernport CMA / Cardinia Shire Council	0.328	0
47	0.109	Port Philip and Westernport CMA / Cardinia Shire Council	0.337	7
48	0.022	Port Philip and Westernport CMA / Cardinia Shire Council	0.328	1
49	0.049		0.288	3
Roadside/Outside property boundaries	0.822	Port Philip and Westernport CMA / Cardinia Shire Council	0.397	35

## 4.2 Offset Statement

### 4.2.1 Statement

The required offsets must be secured before the native vegetation can be removed, destroyed or lopped. The individual or organisation proposing to remove, lop or destroy native vegetation identified for removal in this NVPP is responsible for ensuring that the required offsets (i.e. General Habitat Units) have been secured prior to any permitted clearing. The provision of offsets must accord with the permit conditions, and the conditions provided in Section 6 of this NVPP. The individual or organisation may deliver a first party offset or purchase a native vegetation credit from a third party. In both circumstances the offset will need to be, as a priority, be located within the Cardinia Shire Council municipal boundary, unless otherwise agreed with the responsible authority. If the required offsets are not able to be met within Cardinia Shire Council, they must be met within the Port Phillip and Westernport Catchment Management Authority area.

The Department of Environment, Land, Water and Planning (DELWP) confirmed in September 2018 that there are currently over 200 General Habitat Units (GHUs) in the Port Phillip and Western Port CMA and 4 GHUs within Cardinia Shire Council available for trading or allocation. This confirms there are currently sufficient GHUs listed on the Native Vegetation Credit Register to meet offset requirements for the removal of native vegetation in the Pakenham East precinct. To date, these offsets have not been secured.

An individual or organisation can meet their offset obligations by:

- Securing a third party offset through the purchase of native vegetation credits from the Native Vegetation Credit Register via an accredited broker;
- Establishing a new offset site, agreed to by a third party; or,
- If eligible, establishing a first-party offset site on their own land which is then registered on the Native Vegetation Offset Register.

Modelled native vegetation (DELWP 2005 extant native vegetation layer) across private properties within the Cardinia Shire Council (north of Pakenham) that are potentially suitable to generate biodiversity credits through the registration of GHU on the Native Vegetation Credit Register is shown in Figure 3.

### 4.2.2 Collection of Payments

Any offset costs are to be paid by the individual or organisation who propose to remove, lop or destroy the native vegetation identified for removal as part of the NVPP.

## 5 NATIVE VEGETATION TO BE RETAINED

### 5.1 Description of Native Vegetation to be Retained

Native vegetation to be retained is described in Table 7 and Table 8 and shown in Figure 2 to this NVPP.

Habitat zone and tree labels in Table 7 and Table 8 correspond to habitat zone and tree labels shown in Figure 2a-n.

Native vegetation identified in this NVPP as ‘to be retained’ has been identified following a strategic approach to retaining native vegetation with greater biodiversity, arboricultural, landscape or other value. Any future removal of native vegetation that has been identified as ‘to be retained’ will undermine the strategic approach adopted for the preparation of this NVPP.

**Table 7** Native vegetation to be retained

Habitat Zone	BioEVC Code	BioEVC Conservation Status	Condition Score	Large Tree(s)	Area (ha)
SW1	GipP0937	Endangered	0.36	0	0.006
DHW9	HSF_0793	Depleted	0.39	0	0.017
SRW6	GipP0083	Endangered	0.38	0	0.012
SW4	GipP0937	Endangered	0.23	0	0.100
SW6	GipP0937	Endangered	0.31	1	0.386
SW7	GipP0937	Endangered	0.28	5	0.180
SW8	GipP0937	Endangered	0.32	11	1.149
SRW6	GipP0083	Endangered	0.38	0	0.046
SRW6	GipP0083	Endangered	0.38	20	1.252
SRW6	GipP0083	Endangered	0.38	0	0.003
SRW6	GipP0083	Endangered	0.38	0	0.001
SRW6	GipP0083	Endangered	0.38	0	0.078
SW16	GipP0937	Endangered	0.28	1	0.034
SRW6	GipP0083	Endangered	0.38	0	0.134
SW1	GipP0937	Endangered	0.36	0	0.006
SW1	GipP0937	Endangered	0.36	0	0.043
GF2	GipP0128	Endangered	0.16	0	0.001
GF2	GipP0128	Endangered	0.16	0	0.001
SW1	GipP0937	Endangered	0.36	0	0.031
SW8	GipP0937	Endangered	0.32	0	0.000
SW8	GipP0937	Endangered	0.32	0	0.001
SW8	GipP0937	Endangered	0.32	0	0.000
SW8	GipP0937	Endangered	0.32	0	0.000

Habitat Zone	BioEVC Code	BioEVC Conservation Status	Condition Score	Large Tree(s)	Area (ha)
SW8	GipP0937	Endangered	0.32	0	0.001
SW31	HSF_0937	Endangered	0.18	0	0.376
GF2	GipP0128	Endangered	0.16	0	0.000
SRW1	GipP0083	Endangered	0.24	0	0.000
SRW2	GipP0083	Endangered	0.33	0	0.013
GW4	GipP0175	Endangered	0.37	0	0.012
GW5	GipP0175	Endangered	0.25	0	0.000
GW5	GipP0175	Endangered	0.25	0	0.012
GW6	GipP0175	Endangered	0.23	0	0.000
GW6	GipP0175	Endangered	0.23	0	0.000
GW6	GipP0175	Endangered	0.23	0	0.000
GW6	GipP0175	Endangered	0.23	0	0.000
GW6	GipP0175	Endangered	0.23	0	0.005
SS2	GipP0053	Endangered	0.39	0	0.000
SS2	GipP0053	Endangered	0.39	0	0.002
SS2	GipP0053	Endangered	0.39	0	0.002
GF1	GipP0128	Endangered	0.49	1	0.161
GF2	GipP0128	Endangered	0.16	0	0.028
GF3	GipP0128	Endangered	0.2	0	0.072
SW1	GipP0937	Endangered	0.36	0	0.430
SW1	GipP0937	Endangered	0.36	0	0.550
DHW9	HSF_0793	Depleted	0.39	1	0.620
GF15	HSF_0128	Vulnerable	0.42	2	0.502
SRW1	GipP0083	Endangered	0.24	0	0.005
SRW2	GipP0083	Endangered	0.33	3	0.028
RF1	GipP0018	Vulnerable	0.25	3	0.247
RF2	GipP0018	Vulnerable	0.5	25	1.094
SRW3	GipP0083	Endangered	0.36	5	0.128
SRW4	GipP0083	Endangered	0.34	2	0.026
SRW5	GipP0083	Endangered	0.31	4	0.128
SW12	GipP0937	Endangered	0.17	0	0.025
GF3	GipP0128	Endangered	0.2	0	0.072
SW21	GipP0937	Endangered	0.25	0	0.132
SW24	GipP0937	Endangered	0.22	0	0.144
SW25	GipP0937	Endangered	0.3	0	0.108
SW26	GipP0937	Endangered	0.25	0	0.076
SW27	GipP0937	Endangered	0.27	1	0.143

Habitat Zone	BioEVC Code	BioEVC Conservation Status	Condition Score	Large Tree(s)	Area (ha)
DHW1	GipP0793	Vulnerable	0.36	2	0.157
DHW2	GipP0793	Vulnerable	0.2	0	0.204
DHW3	GipP0793	Vulnerable	0.36	0	0.042
DHW10	HSF_0793	Depleted	0.48	2	0.357
DHW11	HSF_0793	Depleted	0.49	1	0.185
GW8	HSF_0175	Depleted	0.38	0	0.630
GW9	HSF_0175	Depleted	0.36	0	0.177
GW12	HSF_0175	Depleted	0.31	1	0.014
GW13	HSF_0175	Depleted	0.33	1	0.014
GW1	GipP0175	Endangered	0.23	0	0.006
GW1	GipP0175	Endangered	0.23	0	0.007
GF6	GipP0128	Endangered	0.49	7	0.322
GF7	GipP0128	Endangered	0.33	1	0.061
SW28	GipP0937	Endangered	0.1	0	0.013
SW29	GipP0937	Endangered	0.12	0	0.026
SW30	GipP0937	Endangered	0.13	0	0.005
DHW2	GipP0793	Vulnerable	0.2	0	0.031
DHW4	GipP0793	Vulnerable	0.19	0	0.014
DHW5	GipP0793	Vulnerable	0.3	0	0.272
DHW6	GipP0793	Vulnerable	0.26	0	0.202
SS1	GipP0053	Endangered	0.385	0	0.101
GW3	GipP0175	Endangered	0.32	1	0.051
GW4	GipP0175	Endangered	0.37	4	0.339
GW5	GipP0175	Endangered	0.25	0	0.176
GW6	GipP0175	Endangered	0.23	0	0.178
SS2	GipP0053	Endangered	0.39	0	0.112
SW8	GipP0937	Endangered	0.32	0	0.191
RF3	GipP0018	Vulnerable	0.31	4	0.049
SRW6	GipP0083	Endangered	0.38	0	0.012
SRW6	GipP0083	Endangered	0.38	0	0.007

**Table 8** Trees to be retained

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
<b>Scattered Trees</b>				
2	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
3	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
4	SST	<i>Eucalyptus ovata</i>	Swamp Gum	48
5	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	49
14	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	40
15	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	17
31	SST	<i>Eucalyptus ovata</i>	Swamp Gum	10
43	SST	<i>Eucalyptus ovata</i>	Swamp Gum	28
65	SST	<i>Allocasurina littoralis</i>	Black Sheoak	35
66	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	67
68	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	17
69	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	19
70	LST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	103
71	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	33
72	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	43
80	SST	<i>Eucalyptus obliqua</i>	Messmate	52
81	SST	<i>Eucalyptus obliqua</i>	Messmate	19
86	LST	<i>Allocasurina littoralis</i>	Black Sheoak	40
87	LST	<i>Allocasurina littoralis</i>	Black Sheoak	50
88	SST	<i>Allocasurina littoralis</i>	Black Sheoak	31
89	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	43
90	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	27
91	SST	<i>Allocasurina littoralis</i>	Black Sheoak	35
92	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	37
93	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	67
94	SST	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	28
96	SST	<i>Eucalyptus ovata</i>	Swamp Gum	20
97	SST	<i>Eucalyptus ovata</i>	Swamp Gum	60
105	SST	<i>Eucalyptus ovata</i>	Swamp Gum	18
106	SST	<i>Eucalyptus ovata</i>	Swamp Gum	48
107	SST	<i>Eucalyptus ovata</i>	Swamp Gum	8
108	SST	<i>Eucalyptus ovata</i>	Swamp Gum	7
109	SST	Dead stag	Dead Stag	15
110	SST	<i>Eucalyptus ovata</i>	Swamp Gum	5
127	SST	<i>Eucalyptus goniocalyx</i>	Bundy	57
128	SST	<i>Eucalyptus goniocalyx</i>	Bundy	36
129	SST	<i>Eucalyptus ovata</i>	Swamp Gum	33
130	SST	<i>Eucalyptus goniocalyx</i>	Bundy	27



Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
131	LST	<i>Eucalyptus ovata</i>	Swamp Gum	160
133	LST	<i>Eucalyptus goniocalyx</i>	Bundy	92
134	SST	<i>Eucalyptus goniocalyx</i>	Bundy	25
135	SST	<i>Eucalyptus goniocalyx</i>	Bundy	25
143	LST	<i>Eucalyptus ovata</i>	Swamp Gum	88
144	SST	<i>Eucalyptus ovata</i>	Swamp Gum	43
146	SST	<i>Eucalyptus ovata</i>	Swamp Gum	28
147	SST	<i>Eucalyptus ovata</i>	Swamp Gum	23
160	LST	<i>Eucalyptus ovata</i>	Swamp Gum	52
162	LST	<i>Eucalyptus viminalis subsp. pryoriana</i>	Gippsland Manna Gum	120
163	LST	<i>Eucalyptus viminalis subsp. pryoriana</i>	Gippsland Manna Gum	135
169	SST	<i>Eucalyptus ovata</i>	Swamp Gum	125
171	SST	Dead stag	Dead Stag	110
172	LST	Dead stag	Dead Stag	102
175	LST	Dead stag	Dead Stag	80
176	LST	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	86
177	LST	Dead stag	Dead Stag	85
178	SST	Dead stag	Dead Stag	85
179	SST	<i>Eucalyptus spp. 1</i>	Eucalyptus spp. 1	92
180	LST	Dead stag	Dead Stag	80
181	LST	Dead stag	Dead Stag	101
182	LST	Dead stag	Dead Stag	39
184	LST	<i>Eucalyptus obliqua</i>	Messmate	83
185	LST	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	147
186	LST	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	125
193	LST	<i>Eucalyptus ovata</i>	Swamp Gum	92
194	LST	<i>Eucalyptus ovata</i>	Swamp Gum	106
195	LST	<i>Eucalyptus ovata</i>	Swamp Gum	98
196	LST	<i>Eucalyptus ovata</i>	Swamp Gum	110
199	LST	Dead stag	Dead Stag	90
200	LST	Dead stag	Dead Stag	80
201	SST	Dead stag	Dead Stag	30
203	LST	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	84
204	SST	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	57
205	SST	Dead stag	Dead Stag	61
206	SST	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	100
207	SST	Dead stag	Dead Stag	82

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
211	SST	<i>Eucalyptus ovata</i>	Swamp Gum	98
226	SST	<i>Eucalyptus ovata</i>	Swamp Gum	131
228	SST	<i>Eucalyptus obliqua</i>	Messmate	116
237	LST	Dead stag	Dead Stag	210
239	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	161
241	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	105
243	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	90
244	LST	Dead stag	Dead Stag	80
245	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	83
246	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	80
247	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80
248	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	85
249	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	85
250	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	75
251	SST	Dead stag	Dead Stag	40
252	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	75
253	LST	<i>Eucalyptus fulgens</i>	Green Scentbark	98
254	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	43
256	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	69
257	LST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	70
258	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	60
259	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	60
260	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	43
261	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	103
262	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	56
263	SST	<i>Eucalyptus goniocalyx</i>	Bundy	40
264	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	75
265	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80
266	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	82
267	LST	<i>Eucalyptus obliqua</i>	Messmate	84
268	LST	Dead stag	Dead Stag	78
269	LST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80
270	LST	Dead stag	Dead Stag	98
271	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	84
272	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80
273	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	50
274	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	105

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
275	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80
276	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	106
277	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	93
278	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	85
279	LST	<i>Eucalyptus obliqua</i>	Messmate	70
280	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	55
281	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	70
282	LST	Dead stag	Dead Stag	105
283	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	98
284	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	107
285	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80
286	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	90
287	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	20
288	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	75
289	LST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80
342	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
343	SST	<i>Eucalyptus ovata</i>	Swamp Gum	33
344	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	142
346	SST	<i>Eucalyptus ovata</i>	Swamp Gum	109
348	SST	Dead stag	Dead Stag	63
354	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	108
355	SST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	110
359	SST	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	82
361	SST	<i>Eucalyptus ovata</i>	Swamp Gum	45
362	SST	<i>Eucalyptus ovata</i>	Swamp Gum	10
363	SST	<i>Eucalyptus ovata</i>	Swamp Gum	8
364	SST	<i>Eucalyptus ovata</i>	Swamp Gum	44
365	SST	<i>Eucalyptus ovata</i>	Swamp Gum	25
366	SST	<i>Eucalyptus ovata</i>	Swamp Gum	33
367	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
368	SST	<i>Eucalyptus ovata</i>	Swamp Gum	10
369	SST	<i>Eucalyptus ovata</i>	Swamp Gum	40
370	SST	<i>Eucalyptus ovata</i>	Swamp Gum	32
371	SST	<i>Eucalyptus ovata</i>	Swamp Gum	84
384	SST	<i>Eucalyptus ovata</i>	Swamp Gum	35
385	SST	<i>Eucalyptus ovata</i>	Swamp Gum	48
552	SST	Dead stag	Dead Stag	30

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
553	SST	Dead stag	Dead Stag	25
554	SST	Dead stag	Dead Stag	30
555	SST	Dead stag	Dead Stag	15
556	SST	Dead stag	Dead Stag	20
557	SST	Dead stag	Dead Stag	45
612	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	115
614	LST	<i>Eucalyptus ovata</i>	Swamp Gum	99
615	LST	<i>Eucalyptus ovata</i>	Swamp Gum	109
618	LST	<i>Eucalyptus ovata</i>	Swamp Gum	71
625	LST	Dead Stag	Dead Stag	85
626	LST	<i>Eucalyptus ovata</i>	Swamp Gum	104
627	LST	<i>Eucalyptus ovata</i>	Swamp Gum	70
628	SST	<i>Eucalyptus ovata</i>	Swamp Gum	60
630	SST	<i>Eucalyptus obliqua</i>	Messmate	30
668	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	109
671	SST	<i>Eucalyptus fulgens</i>	Green Scentbark	54
681	LST	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80
<b>Large Trees in patches</b>				
1	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
6	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
7	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
8	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
9	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
10	LPT	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80*
11	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
13	LPT	<i>Allocasurina littoralis</i>	Black Sheoak	40*
14	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
15	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
16	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
17	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
18	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
19	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
20	LPT	<i>Eucalyptus cephalocarpa</i>	Silver-leaved Stringybark	80*
21	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
25	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
26	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
27	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
28	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
29	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
30	LPT	<i>Eucalyptus camaldulensis</i>	River Red Gum	80*
31	LPT	<i>Eucalyptus camaldulensis</i>	River Red Gum	80*
32	LPT	<i>Eucalyptus camaldulensis</i>	River Red Gum	80*
50	LPT	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80*
51	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
52	LPT	Dead stag	Dead Stag	80*
59	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
60	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
61	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
62	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
63	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
64	LPT	Dead stag	Dead Stag	80*
65	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
66	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
67	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
68	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
69	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
70	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
71	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
72	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
73	LPT	Dead stag	Dead Stag	80*
74	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
75	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
76	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
77	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
78	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
79	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
80	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
81	LPT	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80*
82	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
83	LPT	Dead stag	Dead Stag	80*
84	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
85	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
86	LPT	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	80*
87	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
88	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
89	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
90	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
91	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
92	LPT	Dead stag	Dead Stag	80*
93	LPT	<i>Eucalyptus goniocalyx</i>	Bundy	80*
94	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
95	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
96	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
97	LPT	Dead stag	Dead Stag	80*
98	LPT	Dead stag	Dead Stag	80*
99	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
100	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
101	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
102	LPT	Dead stag	Dead Stag	80*
103	LPT	Dead stag	Dead Stag	80*
104	LPT	Dead stag	Dead Stag	80*
105	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
106	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
107	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
108	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
109	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
110	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
111	LPT	<i>Eucalyptus goniocalyx</i>	Bundy	80*
112	LPT	Dead stag	Dead Stag	80*
113	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
114	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
115	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
116	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
117	LPT	Dead stag	Dead Stag	80*
118	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
119	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
120	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
121	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
122	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
123	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
124	LPT	Dead stag	Dead Stag	80*

Tree ID	Type and Size	Scientific Name	Common Name	DBH (cm)
125	LPT	Dead stag	Dead Stag	80*
126	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
127	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
128	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
129	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
130	LPT	Dead stag	Dead Stag	80*
131	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
132	LPT	Dead stag	Dead Stag	80*
133	LPT	Dead stag	Dead Stag	80*
134	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
135	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
136	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
137	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
138	LPT	<i>Eucalyptus ovata</i>	Swamp Gum	80*
139	LPT	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	Manna Gum	80*
140	LPT	<i>Allocasurina littoralis</i>	Black Sheoak	40*
141	LPT	<i>Eucalyptus fulgens</i>	Green Scentbark	80*
183	LPT	<i>Eucalyptus obliqua</i>	Messmate	80*
686	LPT	Dead stag	Dead Stag	80*

\* This is a large tree within a patch of native vegetation (exact diameter not recorded).

Note: LPT = Large tree within a patch of native vegetation, LST = Large scattered tree, SST = Small scattered tree. The EVC benchmark DBH of a large tree is 80cm for *Eucalyptus* spp. and 40cm Black Sheoak.

## 5.2 Management Responsibilities and Actions

### 5.2.1 Native Vegetation to be Retained

Any vegetation offsets desired to be achieved within retained vegetation must meet the eligibility requirements of the *Native vegetation gain scoring manual*. Specific management responsibilities and actions apply to areas of native vegetation to be retained that will also be protected as an on-site offset. These areas will be managed in accordance with the offset site management plan.

The table below details the responsibility, objectives and values of the native vegetation that is to be retained in local parks, drainage infrastructure, local sports reserves, the Canty Lane conservation area and the Princes Highway corridor.

Of all the trees to be retained, 21 are located outside the aforementioned locations (Tree Numbers 1, 2, 3, 4, 47, 109, 110, 111, 112, 128, 129, 149, 170, 332, 333, 338, 350, 353, 354, 374, 389). These trees will be the responsibility of Cardinia Shire Council, where located in public land. They should be located within the road reserve network and their retention is dependent on detailed design. These trees

should be retained wherever possible for their landscape values, however, permits for their removal should take their location outside of open space into consideration.

**Table 9** Management responsibilities and actions

Area	Ultimate Responsibility	Objectives	Values
LP-04	Cardinia Shire Council	Local park (Neighbourhood Park)	Largely unencumbered open space featuring retained scattered trees
LP-05	Cardinia Shire Council	Local park (Neighbourhood Park)	Largely unencumbered open space featuring retained native vegetation
LP-09	Cardinia Shire Council	Local park (Neighbourhood Park)	Largely unencumbered open space featuring scattered tree
LP-13	Cardinia Shire Council	Local park (Neighbourhood Park)	Largely unencumbered open space featuring retained native vegetation
SR-01	Cardinia Shire Council	Local sports Reserve and associated pavilion	Active open space with retained trees
WI-03	Cardinia Shire Council and Melbourne Water*	Constructed waterway	Water infrastructure featuring retained dead stags
WI-05	Cardinia Shire Council and Melbourne Water*	Stormwater quality treatment & drainage asset	Water infrastructure featuring retained native vegetation
WI-06	Cardinia Shire Council and Melbourne Water*	Natural waterway corridor – Deep Creek reserve	Natural waterway featuring retained trees and vegetation
LC-01	Cardinia Shire	Conservation area	Conservation area protecting native vegetation
Princes Highway	VicRoads	Primary arterial road	Highway corridor featuring retained native vegetation

\* Melbourne Water will be responsible for managing vegetation within the 1 in 100-year flood level and/or vegetation located up to 10 metres from any recreational assets including shared paths.

See Appendix 2 for the identification and location of the areas in the table above.



## 6 CONDITIONS FOR REMOVAL OF NATIVE VEGETATION

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The native vegetation identified in Table 3 and 4 and shown in Figure 2 to this NVPP can be removed, destroyed or lopped without a planning permit as allowed under Clause 52.16, subject to the following conditions:

- The removal, destruction or lopping of native vegetation must be in accordance with this NVPP. Only the native vegetation that is identified for removal in this NVPP may be removed, destroyed or lopped.
- Prior to the removal of any native vegetation, a statement of intention to remove native vegetation must be provided to the satisfaction of the Responsible Authority. The statement must include:
  - The reason for the native vegetation removal.
  - Evidence that an offset has been secured. The offset must meet the offset requirements provided in this NVPP and delivered in accordance with the requirements of *Guidelines for the removal, destruction or lopping of native vegetation* (DELWP 2017a). Offset evidence can be:
    - A security agreement (signed by both parties) to the required standard for the offset site or sites, including a 10-year Offset Management Plan; or
    - An allocated credit extract from the *Native Vegetation Credit Register*.
- Prior to the removal of any native vegetation, or prior to the commencement of works, all native vegetation identified in this NVPP as to be retained must be protected by high visibility fencing, as follows:
  - Fencing around scattered trees and trees within patches of native vegetation must meet the minimum standards for a tree protection zone described in AS 4970-2009 Protection of trees on development sites or succeeding Australian Standard.
  - Fencing around patches of native vegetation must be erected at a minimum distance of 2 metres from the retained native vegetation.
  - The area within the tree protection zone must be mulched for the duration of construction works. Mulch must be laid to a minimum of depth of 2.5cm.
  - Fencing shall not be removed until such works are completed.
- Except with the written consent of the Responsible Authority, within the native vegetation protection areas:
  - No vehicular or pedestrian access, trenching or soil excavation is to occur;
  - No storage or dumping of tools, equipment, vehicles, fill or waste is to occur; and
  - No entry and exit pits for underground services are to be constructed.

- Prior to felling of any tree which may be removed, the tree must be examined by a suitably qualified zoologist for the presence of fauna in hollows or external nests. Whenever possible tree removal should not occur during spring and early summer to avoid disturbing active nests. If native fauna species are located, they must be salvaged and relocated to the closest suitable vegetation, in consultation with DELWP and the Responsible Authority.
- All indigenous trees permitted to be removed must be relocated into protected conservation areas within the NVPP or a nearby conservation reserve for inclusion as large logs, in consultation with DELWP and the Responsible Authority. These logs must be cut into a minimum of 1.5 metre lengths and placed into the conservation areas under the direction of a suitably qualified ecologist, with the written consent of the Responsible Authority.
- Fill and machinery associated with construction must be placed at least 30 metres away from areas supporting native vegetation and drainage lines, or to the satisfaction of the Responsible Authority.
- Prior to the removal of native vegetation the Responsible Authority and/or DELWP must be given an opportunity to salvage genetic material from flora species for use in nearby Public Reserves.
- All earthworks must be undertaken in a manner that will minimise soil erosion and adhere to *Construction Techniques for Sediment Pollution Control* (EPA 1991).
- Water run-off must be designed to ensure that native vegetation to be retained is not compromised.

The following condition must be included on any subdivision permit:

- Prior to the [insert appropriate timeframe: the beginning of any works authorised by this permit / certification of the plan of subdivision / other timeframe as appropriate] a statement of intention must be provided to the satisfaction of the Responsible Authority. The statement must include:
  - The purpose of the subdivision.
  - Evidence that an offset has been secured. The offset must meet the offset requirements set out in this NVPP and delivered in accordance with the requirements of *Guidelines for the removal, destruction or lopping of native vegetation*. Offset evidence can be:
    - A security agreement (signed by both parties) to the required standard for the offset site or sites, including a 10-year Offset Management Plan; or
    - An allocated credit extract from the Native Vegetation Credit Register.

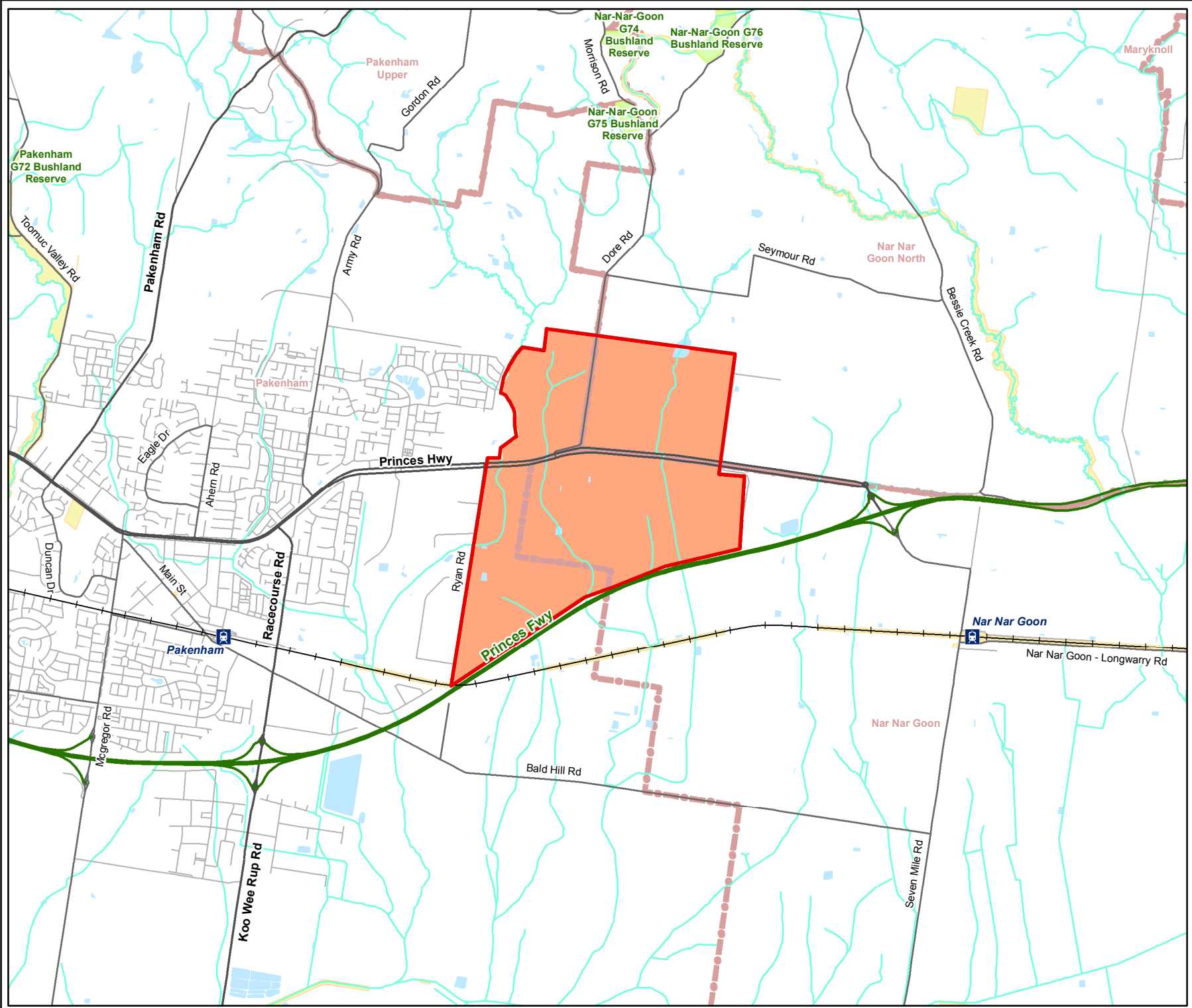
## 7 REFERENCES

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- Australian Standards Association 2009. AS 4790-2009 Protection of trees on development sites.
- Ecology and Heritage Partners Pty Ltd 2017. Ecological Investigations for the Pakenham East Precinct Structure Plan, Victorian, December 2017. Unpublished report for Cardinia Shire Council by Ecology Heritage and Partners Pty Ltd.
- DELWP 2017a. Guidelines for the removal, destruction or lopping of native vegetation. Victorian Department of Environment, Land, Water and Planning, Melbourne, Victoria.
- DELWP 2017b. Assessor's handbook – applications to remove, destroy or lop native vegetation (Assessor's handbook). Victorian Department of Environment, Land, Water and Planning, Melbourne, Victoria.
- DELWP 2017c. Native Vegetation Gain Scoring Manual Version 2, Victorian Department of Environment, Land, Water and Planning, Melbourne, Victoria.
- EPA 1991. Construction Techniques for Sediment Pollution Control. Published document prepared by the Victorian Environment Protection Authority, Melbourne, Victoria.

## 8 FIGURES

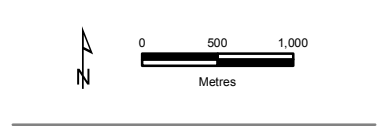
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- Legend**
- Study Area
  - Railway
  - Freeway
  - Major Road
  - Collector Road
  - Minor Road
  - Minor Watercourse
  - Permanent Waterbody
  - Parks and Reserves
  - Crown Land
  - Localities

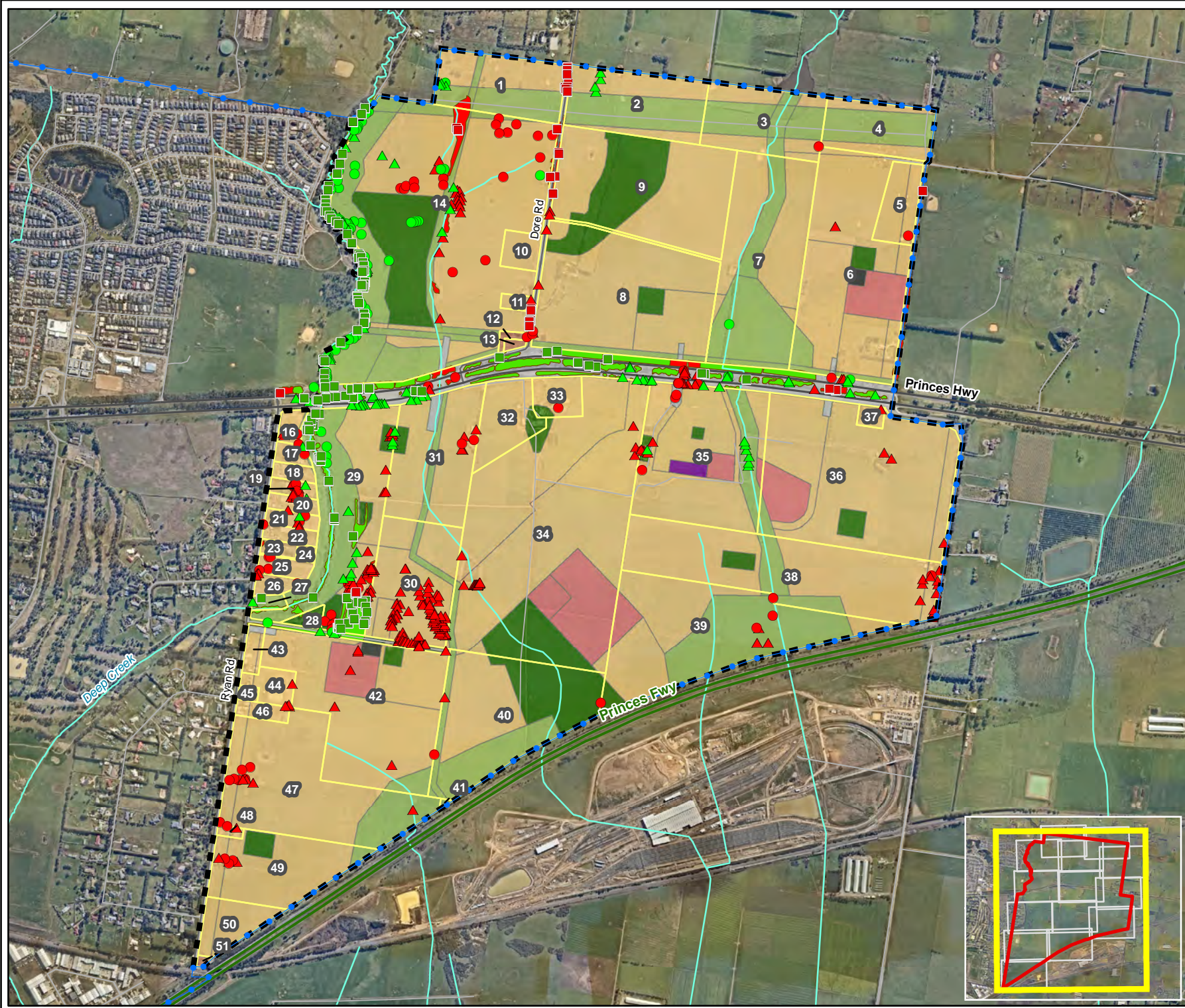


**Figure 1**  
**Location of the study area**  
*Pakenham East PSP*



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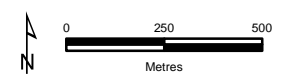
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- PSP Boundary
- Property ID
- Property boundary
- Urban Growth Boundary
- LPT to be retained
- LPT to be removed subject to approval
- LST to be retained
- LST to be removed subject to approval
- SST to be retained
- SST to be removed subject to approval
- Vegetation to be removed subject to approval
- Vegetation to be retained

**Land Use**

- Developable Area - Residential
- Developable Area - Employment
- Education / Community / Government
- Other Non-Developable Land
- Government
- Transport
- Credited Open Space
- Uncredited Open Space

**Figure 2 Overview**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*





**Legend**

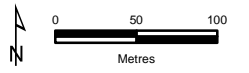
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- SST to be retained
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- SST to be removed subject to approval
- Vegetation to be removed subject to approval

**Land Use**

- Developable Area - Residential
- Transport
- Credited Open Space
- Uncredited Open Space



**Figure 2a**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



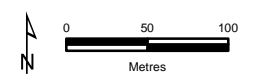
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- Legend**
- PSP Boundary
  - Property ID
  - Property boundary
  - Urban Growth Boundary
  - LPT to be removed subject to approval
  - LST to be removed subject to approval
  - SST to be removed subject to approval
  - Vegetation to be removed subject to approval
- Land Use**
- Developable Area - Residential
  - Transport
  - Credited Open Space
  - Uncredited Open Space



**Figure 2b**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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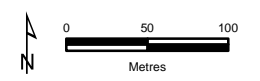
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- Property boundary
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- LST to be retained
- SST to be retained
- LST to be removed subject to approval
- SST to be removed subject to approval
- Vegetation to be removed subject to approval
- Vegetation to be retained

**Land Use**

- Developable Area - Residential
- Transport
- Credited Open Space
- Uncredited Open Space



**Figure 2c**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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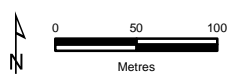
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- LST to be retained
- SST to be retained
- LST to be removed subject to approval
- SST to be removed subject to approval
- Vegetation to be removed subject to approval

**Land Use**

- Developable Area - Residential
- Transport
- Credited Open Space
- Uncredited Open Space

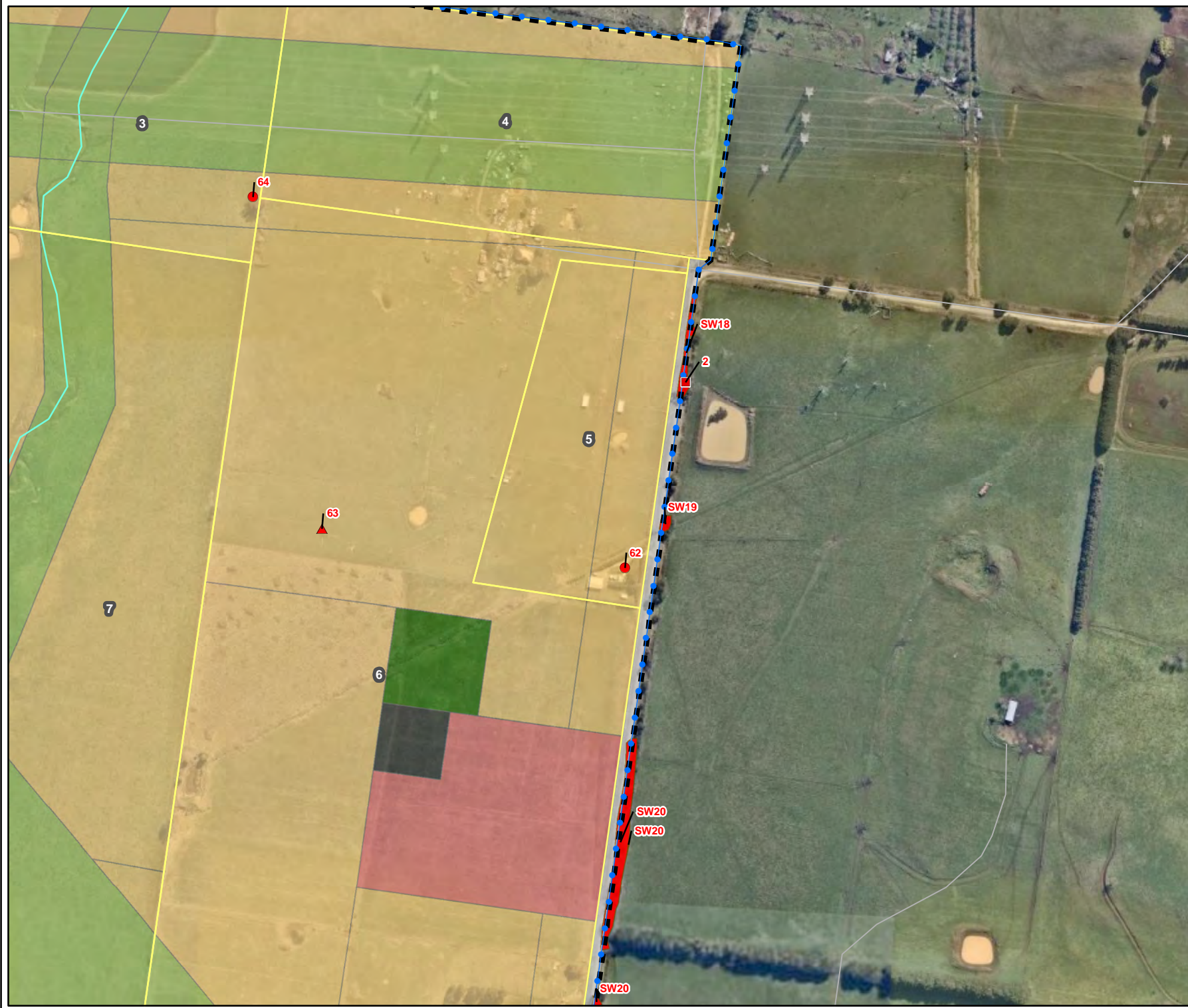


**Figure 2d**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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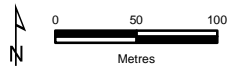
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- Legend**
- PSP Boundary
  - Property ID
  - Property boundary
  - Urban Growth Boundary
  - LPT to be removed subject to approval
  - LST to be removed subject to approval
  - SST to be removed subject to approval
  - Vegetation to be removed subject to approval
- Land Use**
- Developable Area - Residential
  - Education / Community / Government
  - Government
  - Transport
  - Credited Open Space
  - Uncredited Open Space

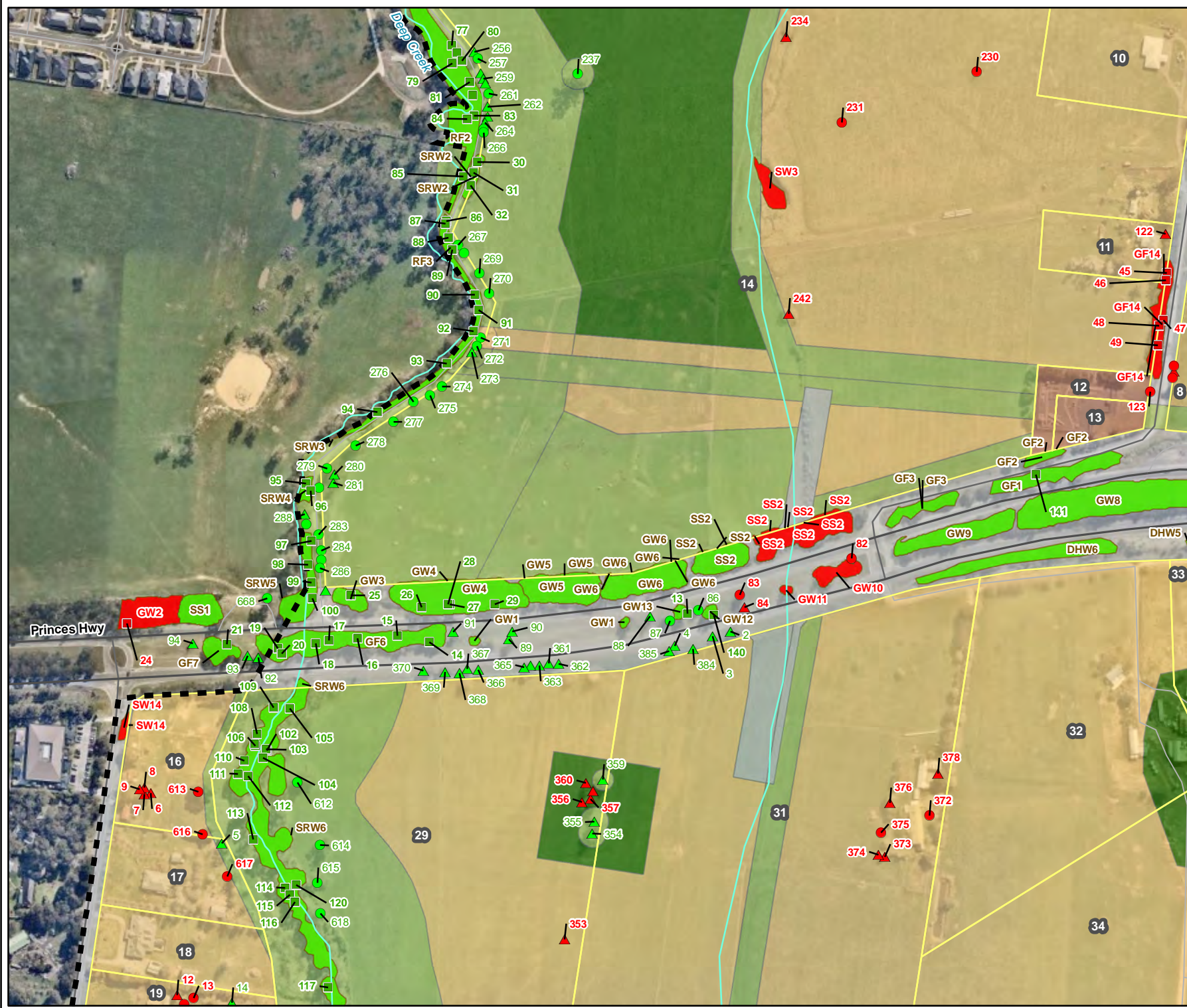


**Figure 2e**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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### Legend

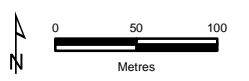
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- Vegetation to be removed subject to approval
- Vegetation to be retained

### Land Use

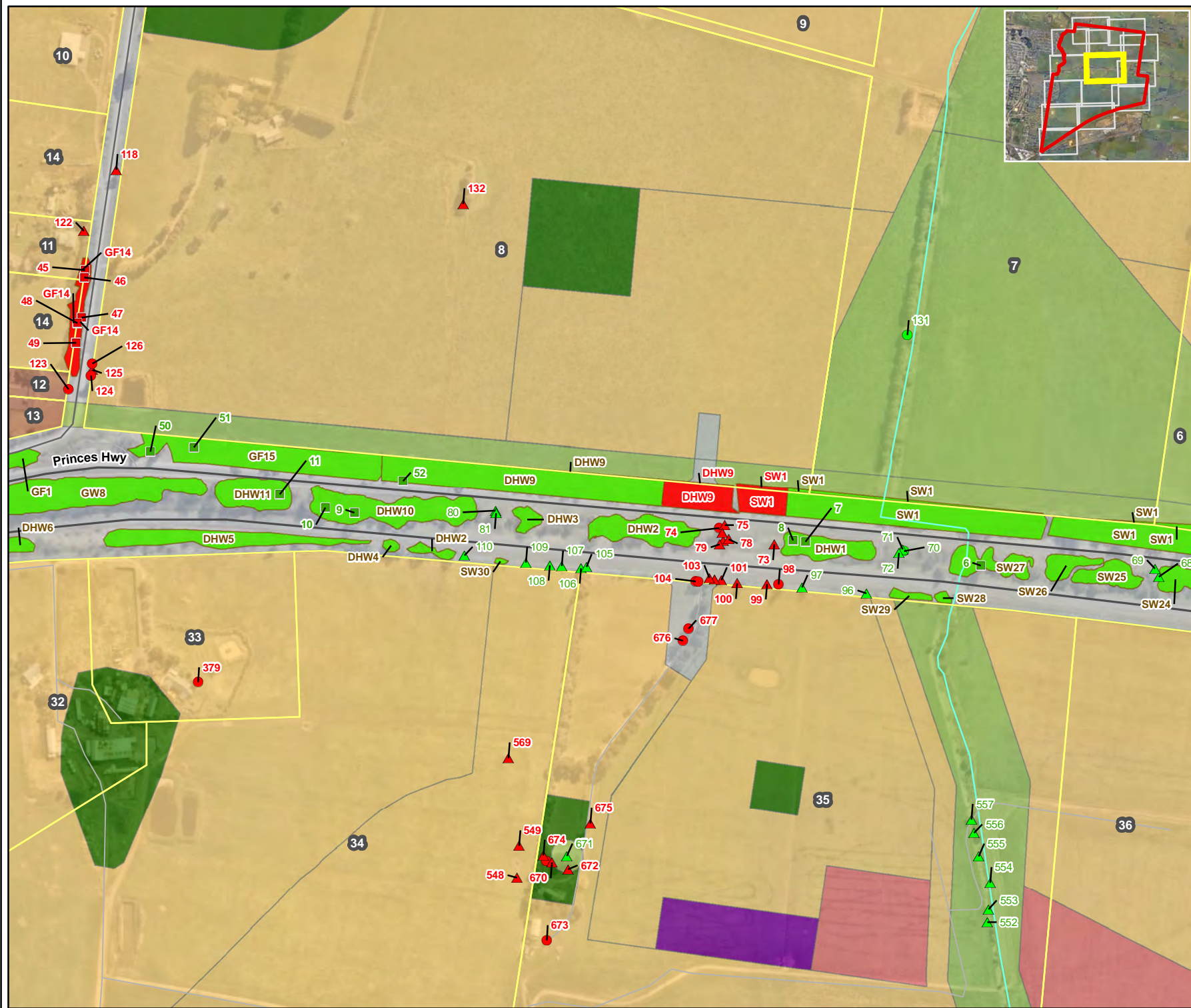
- Developable Area - Residential
- Other Non-Developable Land
- Transport
- Credited Open Space
- Uncredited Open Space



**Figure 2f**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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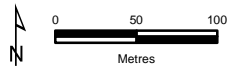
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- SST to be retained
- LST to be removed subject to approval
- SST to be removed subject to approval
- Vegetation to be removed subject to approval
- Vegetation to be retained

**Land Use**

- Developable Area - Residential
- Developable Area - Employment
- Education / Community / Government
- Other Non-Developable Land
- Transport
- Credited Open Space
- Uncredited Open Space

**Figure 2g**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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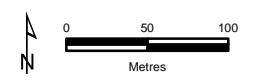
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- Vegetation to be retained

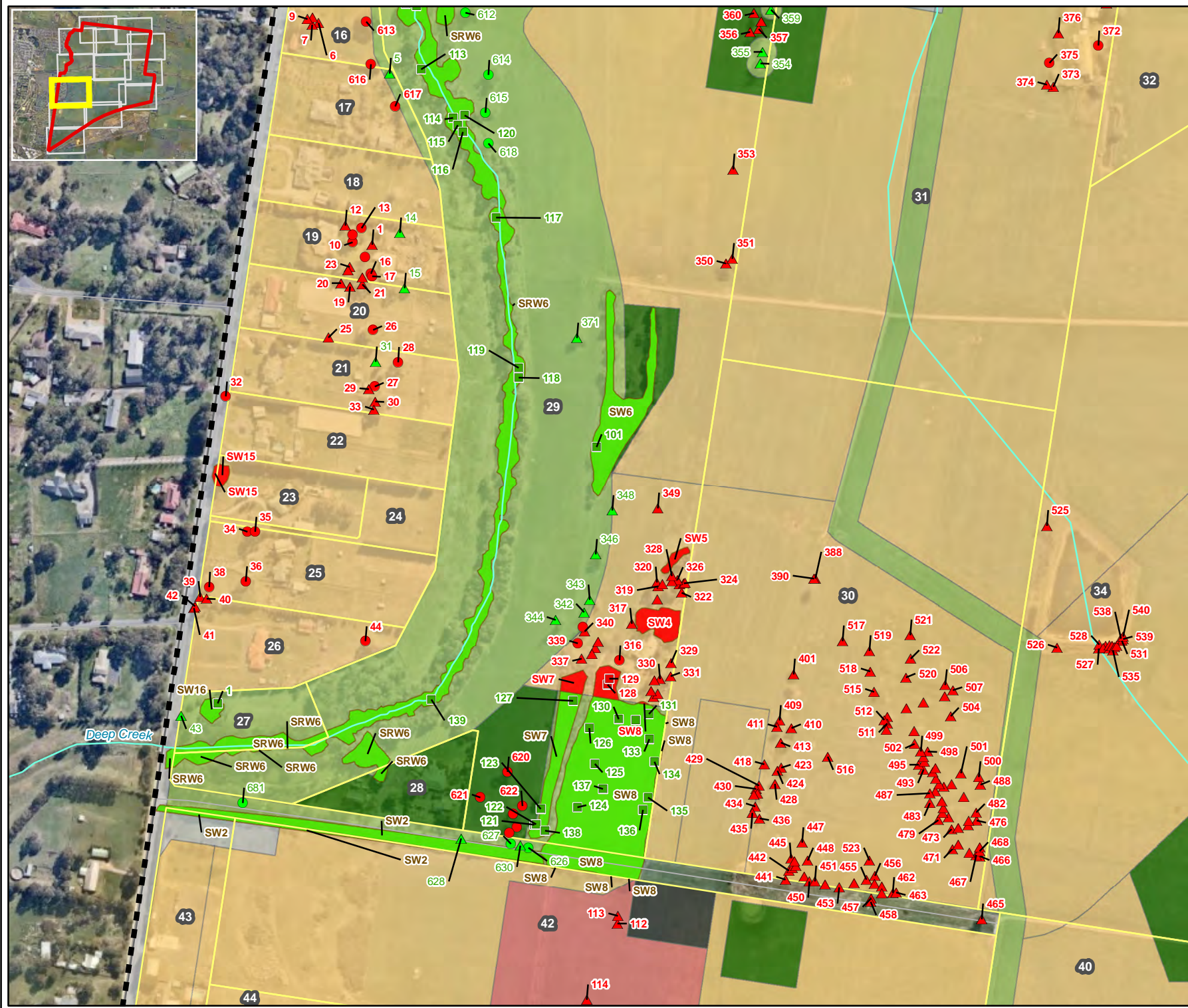
**Land Use**

- Developable Area - Residential
- Education / Community / Government
- Government
- Transport
- Credited Open Space
- Uncredited Open Space

**Figure 2h**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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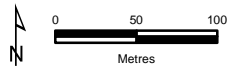
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- Vegetation to be retained

**Land Use**

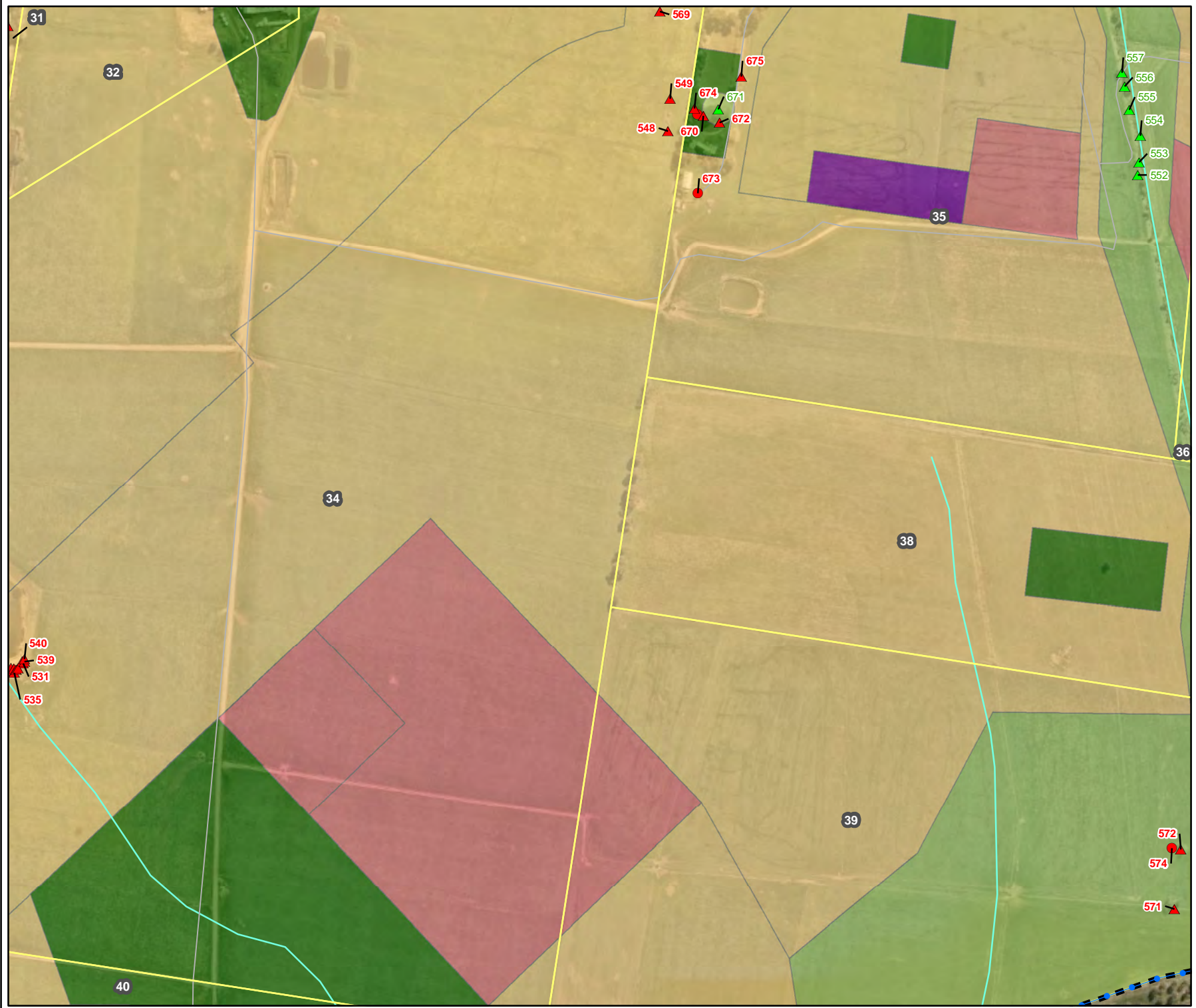
- Developable Area - Residential
- Education / Community / Government
- Government
- Transport
- Credited Open Space
- Uncredited Open Space

**Figure 2i**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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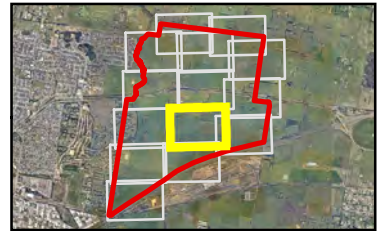


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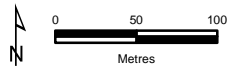
- PSP Boundary
- Property ID
- Property boundary
- Urban Growth Boundary
- SST to be retained
- LST to be removed subject to approval
- SST to be removed subject to approval

**Land Use**

- Developable Area - Residential
- Developable Area - Employment
- Education / Community / Government
- Credited Open Space
- Uncredited Open Space

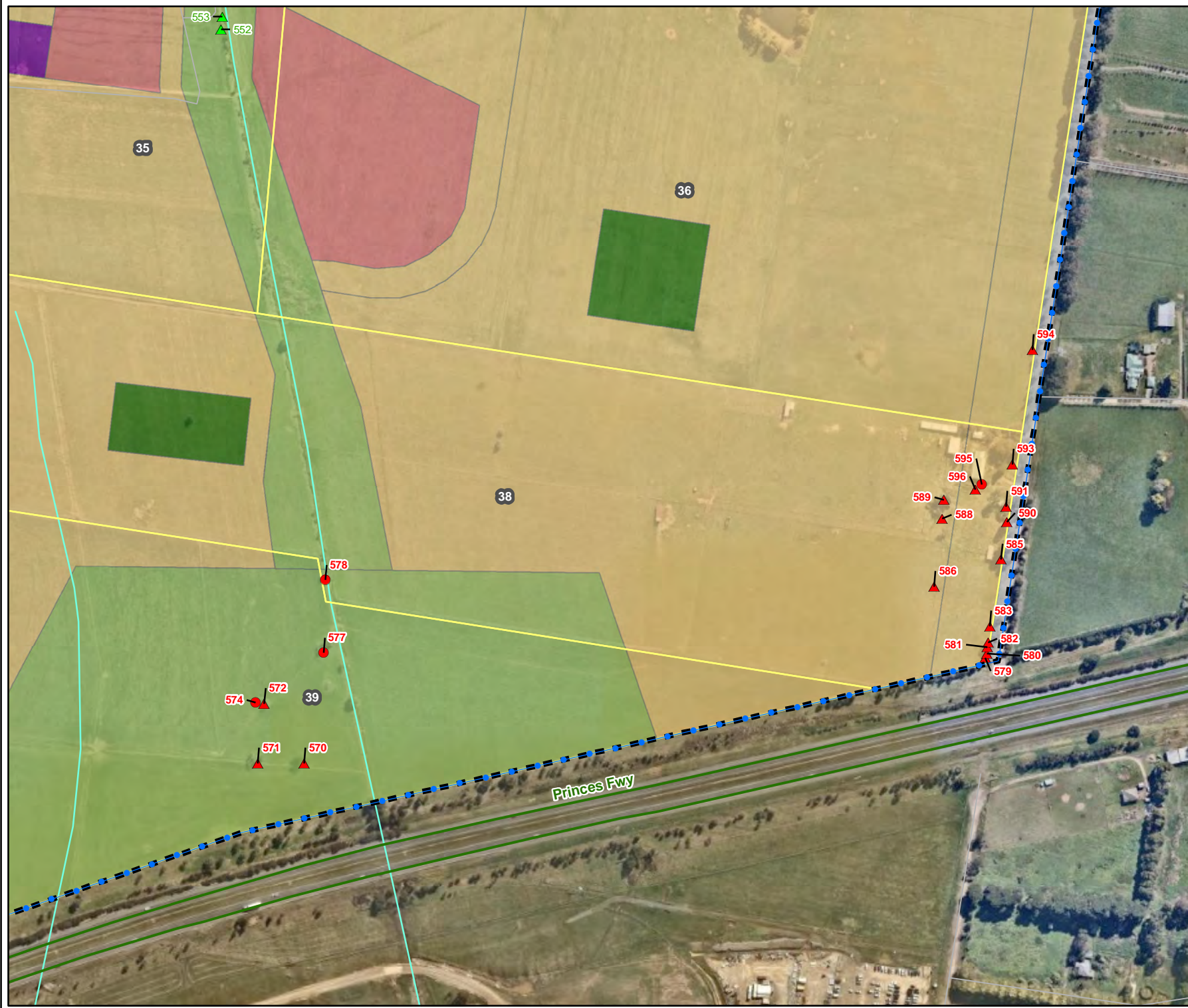


**Figure 2j**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*

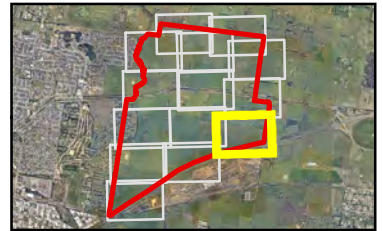


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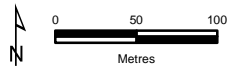




- Legend**
- PSP Boundary
  - Property ID
  - Property boundary
  - Urban Growth Boundary
  - SST to be retained
  - LST to be removed subject to approval
  - SST to be removed subject to approval
- Land Use**
- Developable Area - Residential
  - Developable Area - Employment
  - Education / Community / Government
  - Transport
  - Credited Open Space
  - Uncredited Open Space



**Figure 2k**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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**Legend**

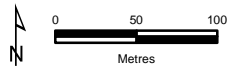
- PSP Boundary
- Property ID
- Property boundary
- Urban Growth Boundary
- LPT to be retained
- LST to be retained
- SST to be retained
- LST to be removed subject to approval
- SST to be removed subject to approval
- Vegetation to be retained

**Land Use**

- Developable Area - Residential
- Education / Community / Government
- Government
- Transport
- Credited Open Space
- Uncredited Open Space



**Figure 21**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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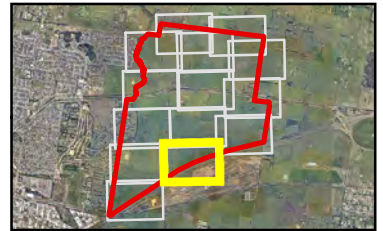


**Legend**

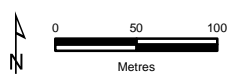
- PSP Boundary
- Property ID
- Property boundary
- Urban Growth Boundary
- LST to be removed subject to approval
- SST to be removed subject to approval

**Land Use**

- Developable Area - Residential
- Education / Community / Government
- Credited Open Space
- Uncredited Open Space



**Figure 2m**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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**Legend**

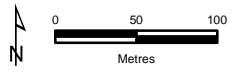
- PSP Boundary
- Property ID
- Property boundary
- Urban Growth Boundary
- LST to be removed subject to approval
- SST to be removed subject to approval

**Land Use**

- Developable Area - Residential
- Other Non-Developable Land
- Transport
- Credited Open Space
- Uncredited Open Space



**Figure 2n**  
**Vegetation to be retained and removed**  
*Pakenham East PSP*



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- Legend**
- Urban Growth Boundary
  - Urban Growth Area
  - Melbourne Strategic Assessment Extent
  - Extant Native Vegetation (DELWP 2005)
  - Crown Land



**Figure 3**  
**Potential Biodiversity Offset Locations**  
*Properties supporting native vegetation that may potentially be suitable for biodiversity offsets*



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## APPENDICES

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### Appendix 1 - Native Vegetation Removal (NVR) Report, DELWP

This report provides information to support an application to remove, destroy or lop native vegetation in accordance with the *Guidelines for the removal, destruction or lopping of native vegetation*. The report **is not an assessment by DELWP** of the proposed native vegetation removal. Native vegetation information and offset requirements have been determined using spatial data provided by the applicant or their consultant.

Date of issue: 02/10/2018

Report ID: EHP\_2018\_239

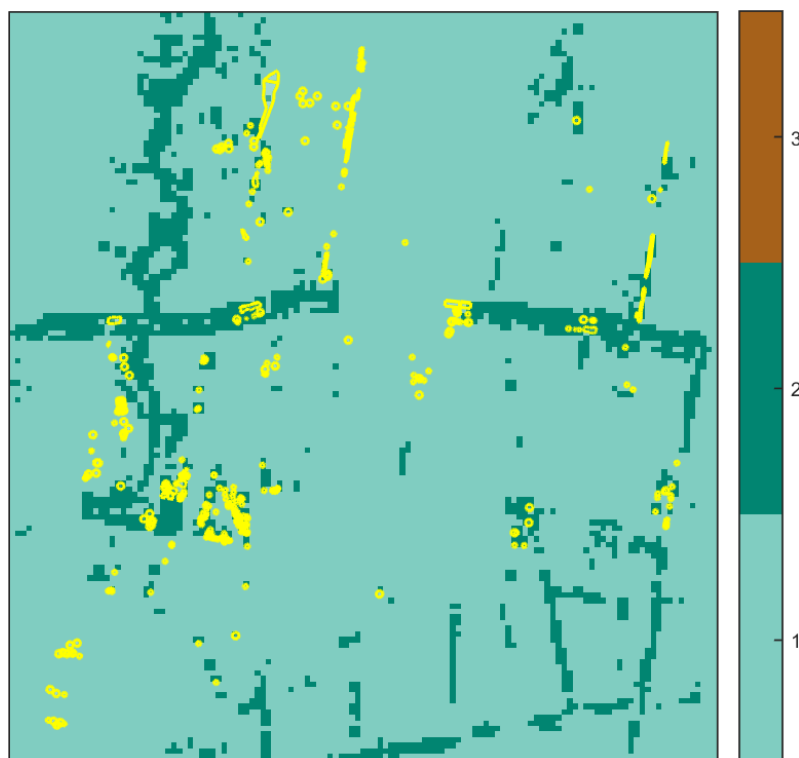
Time of issue: 12:47 pm

Project ID	EHP10861_PakenhamE_NVPP
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## Assessment pathway

Assessment pathway	Detailed Assessment Pathway
Extent including past and proposed	13.086 ha
Extent of past removal	0.000 ha
Extent of proposed removal	13.086 ha
No. Large trees proposed to be removed	111
Location category of proposed removal	Location 2 The native vegetation is in an area mapped as an endangered Ecological Vegetation Class (as per the statewide EVC map). Removal of less than 0.5 hectares of native vegetation in this location will not have a significant impact on any habitat for a rare or threatened species.

### 1. Location map



## Offset requirements if a permit is granted for whole project

Any approval granted will include a condition to obtain an offset that meets the following requirements:

<b>General offset amount<sup>1</sup></b>	3.068 general habitat units
Vicinity	Port Phillip and Westernport Catchment Management Authority (CMA) or Cardinia Shire Council
Minimum strategic biodiversity value score <sup>2</sup>	0.356
Large trees	111 large trees

NB: values within tables in this document may not add to the totals shown above due to rounding

Appendix 1 includes information about the native vegetation to be removed

Appendix 2 includes information about the rare or threatened species mapped at the site.

Appendix 3 includes maps showing native vegetation to be removed and extracts of relevant species habitat importance maps

<sup>1</sup> The general offset amount required is the sum of all general habitat units in Appendix 1.

<sup>2</sup> Minimum strategic biodiversity score is 80 per cent of the weighted average score across habitat zones where a general offset is required



# Native vegetation removal report

## Offset requirements if a permit is granted per property

Any approval granted will include a condition to obtain an offset that meets the following offset requirements:

Property ID	General habitat units	Minimum strategic biodiversity value score	Large trees	Vicinity
1	0.050	0.318	0	Port Phillip And Westernport or Cardinia Shire Council
2	0.005	0.257	0	Port Phillip And Westernport or Cardinia Shire Council
3	0.015	0.322	1	Port Phillip And Westernport or Cardinia Shire Council
5	0.015	0.298	1	Port Phillip And Westernport or Cardinia Shire Council
6	0.009	0.374	0	Port Phillip And Westernport or Cardinia Shire Council
8	0.016	0.324	0	Port Phillip And Westernport or Cardinia Shire Council
9	0.001	0.256	0	Port Phillip And Westernport or Cardinia Shire Council
11	0.011	0.344	0	Port Phillip And Westernport or Cardinia Shire Council
14	0.587	0.325	22	Port Phillip And Westernport or Cardinia Shire Council
16	0.054	0.631	2	Port Phillip And Westernport or Cardinia Shire Council
17	0.015	0.368	1	Port Phillip And Westernport or Cardinia Shire Council
19	0.058	0.368	6	Port Phillip And Westernport or Cardinia Shire Council
20	0.032	0.368	1	Port Phillip And Westernport or Cardinia Shire Council
21	0.038	0.368	2	Port Phillip And Westernport or Cardinia Shire Council
23	0.003	0.208	0	Port Phillip And Westernport or Cardinia Shire Council
25	0.045	0.233	4	Port Phillip And Westernport or Cardinia Shire Council
26	0.017	0.331	1	Port Phillip And Westernport or Cardinia Shire Council
29	0.282	0.371	11	Port Phillip And Westernport or Cardinia Shire Council
30	0.373	0.353	0	Port Phillip And Westernport or Cardinia Shire Council
31	0.052	0.338	2	Port Phillip And Westernport or Cardinia Shire Council
33	0.015	0.315	1	Port Phillip And Westernport or Cardinia Shire Council
34	0.054	0.335	0	Port Phillip And Westernport or Cardinia Shire Council
35	0.066	0.336	4	Port Phillip And Westernport or Cardinia Shire Council
36	0.020	0.352	0	Port Phillip And Westernport or Cardinia Shire Council
37	0.008	0.640	0	Port Phillip And Westernport or Cardinia Shire Council
38	0.096	0.355	2	Port Phillip And Westernport or Cardinia Shire Council
39	0.059	0.332	3	Port Phillip And Westernport or Cardinia Shire Council
40	0.021	0.309	1	Port Phillip And Westernport or Cardinia Shire Council
42	0.029	0.314	0	Port Phillip And Westernport or Cardinia Shire Council
44	0.022	0.328	0	Port Phillip And Westernport or Cardinia Shire Council
47	0.109	0.337	7	Port Phillip And Westernport or Cardinia Shire Council
48	0.022	0.328	1	Port Phillip And Westernport or Cardinia Shire Council
49	0.049	0.288	3	Port Phillip And Westernport or Cardinia Shire Council
Roadside	0.822	0.397	35	Port Phillip And Westernport or Cardinia Shire Council

## Next steps

Any proposal to remove native vegetation must meet the application requirements of the Detailed Assessment Pathway and it will be assessed under the Detailed Assessment Pathway.

If you wish to remove the mapped native vegetation you are required to apply for a permit from your local council. Council will refer your application to DELWP for assessment, as required. **This report is not a referral assessment by DELWP.**

This *Native vegetation removal report* must be submitted with your application for a permit to remove, destroy or lop native vegetation.

Refer to the *Guidelines for the removal, destruction or lopping of native vegetation* (the Guidelines) for a full list of application requirements. This report provides information that meets the following application requirements:

- The assessment pathway and reason for the assessment pathway
- A description of the native vegetation to be removed (partly met)
- Maps showing the native vegetation and property (partly met)
- Information about the impacts on rare or threatened species.
- The offset requirements determined in accordance with section 5 of the Guidelines that apply if approval is granted to remove native vegetation.

Additional application requirements must be met including:

- Topographical and land information
- Recent dated photographs
- Details of past native vegetation removal
- An avoid and minimise statement
- A copy of any Property Vegetation Plan that applies
- A defensible space statement as applicable
- A statement about the Native Vegetation Precinct Plan as applicable
- A site assessment report including a habitat hectare assessment of any patches of native vegetation and details of trees
- An offset statement that explains that an offset has been identified and how it will be secured.

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Authorised by the Victorian Government, 8 Nicholson Street, East Melbourne.

For more information contact the DELWP Customer Service Centre 136 186

[www.delwp.vic.gov.au](http://www.delwp.vic.gov.au)

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Obtaining this publication does not guarantee that an application will meet the requirements of Clauses 52.16 or 52.17 of the Victoria Planning Provisions and Victorian planning schemes or that a permit to remove native vegetation will be granted.

Notwithstanding anything else contained in this publication, you must ensure that you comply with all relevant laws, legislation, awards or orders and that you obtain and comply with all permits, approvals and the like that affect, are applicable or are necessary to undertake any action to remove, lop or destroy or otherwise deal with any native vegetation or that apply to matters within the scope of Clauses 52.16 or 52.17 of the Victoria Planning Provisions and Victorian planning schemes.

## Appendix 1: Description of native vegetation to be removed

The species-general offset test was applied to your proposal. This test determines if the proposed removal of native vegetation has a proportional impact on any rare or threatened species habitats above the species offset threshold. The threshold is set at 0.005 per cent of the mapped habitat value for a species. When the proportional impact is above the species offset threshold a species offset is required. This test is done for all species mapped at the site. Multiple species offsets will be required if the species offset threshold is exceeded for multiple species.

Where a zone requires species offset(s), the species habitat units for each species in that zone is calculated by the following equation in accordance with the Guidelines:

$$\text{Species habitat units} = \text{extent} \times \text{condition} \times \text{species landscape factor} \times 2, \text{ where the species landscape factor} = 0.5 + (\text{habitat importance score}/2)$$

The species offset amount(s) required is the sum of all species habitat units per zone

Where a zone does not require a species offset, the general habitat units in that zone is calculated by the following equation in accordance with the Guidelines:

$$\text{General habitat units} = \text{extent} \times \text{condition} \times \text{general landscape factor} \times 1.5, \text{ where the general landscape factor} = 0.5 + (\text{strategic biodiversity value score}/2)$$

The general offset amount required is the sum of all general habitat units per zone.

### Native vegetation to be removed

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
15-R	Patch	gipp0937	Endangered	0	no	0.160	0.020	0.020	0.260		0.003	General
27-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.460		0.015	General
29-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.001	0.460		0.000	General
30-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.008	0.460		0.002	General
26-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.460		0.015	General
10-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.034	0.460		0.007	General
11-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.027	0.460		0.006	General
22-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.049	0.460		0.011	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
1-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.009	0.460		0.002	General
12-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.010	0.460		0.002	General
23-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.008	0.460		0.002	General
595-TL	Scattered Tree	hsf_0128	Vulnerable	1	no	0.200	0.070	0.070	0.450		0.015	General
586-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
588-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.030	0.450		0.007	General
589-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.030	0.450		0.007	General
596-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.003	0.450		0.001	General
47-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.440		0.007	General
48-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.440		0.007	General
574-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.420		0.015	General
577-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.420		0.015	General
570-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.031	0.420		0.007	General
571-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.031	0.420		0.007	General
572-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.005	0.420		0.001	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
548-TS	Scattered Tree	hsf_0793	Depleted	0	no	0.200	0.031	0.031	0.410		0.007	General
549-TS	Scattered Tree	hsf_0793	Depleted	0	no	0.200	0.031	0.031	0.410		0.007	General
569-TS	Scattered Tree	hsf_0793	Depleted	0	no	0.200	0.031	0.031	0.440		0.007	General
527-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.013	0.420		0.003	General
528-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.013	0.420		0.003	General
529-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.004	0.420		0.001	General
530-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.420		0.001	General
531-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.420		0.001	General
532-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.003	0.420		0.001	General
533-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.004	0.420		0.001	General
534-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.002	0.420		0.001	General
535-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.420		0.002	General
536-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.001	0.420		0.000	General
537-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.007	0.420		0.001	General
538-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.420		0.001	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
539-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.420		0.001	General
540-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.420		0.003	General
526-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.420		0.007	General
290-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.068	0.430		0.014	General
291-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.058	0.430		0.013	General
292-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.052	0.430		0.011	General
293-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.061	0.430		0.013	General
296-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.070	0.430		0.015	General
297-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.070	0.430		0.015	General
294-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.000			0.000	
295-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.000	0.430		0.000	General
298-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.031	0.430		0.007	General
302-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.400		0.007	General
112-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.022	0.420		0.005	General
113-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.022	0.420		0.005	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
114-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.420		0.007	General
306-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.369		0.006	General
310-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.351		0.006	General
603-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.062	0.367		0.013	General
605-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.057	0.360		0.012	General
606-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.066	0.378		0.014	General
602-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.022	0.360		0.005	General
604-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.000	0.360		0.000	General
607-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.031	0.306		0.006	General
388-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.017	0.450		0.004	General
390-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.017	0.450		0.004	General
401-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
409-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.019	0.450		0.004	General
410-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.025	0.450		0.006	General
411-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.018	0.450		0.004	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
413-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.028	0.450		0.006	General
418-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.028	0.450		0.006	General
423-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.020	0.450		0.004	General
424-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.013	0.450		0.003	General
428-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.025	0.450		0.005	General
429-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.450		0.003	General
430-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.008	0.450		0.002	General
431-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.010	0.438		0.002	General
432-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.438		0.003	General
434-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.430		0.003	General
435-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.427		0.003	General
436-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.023	0.430		0.005	General
443-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.430		0.001	General
444-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.430		0.001	General
445-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.017	0.430		0.004	General



Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
446-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.430		0.001	General
447-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.030	0.430		0.006	General
448-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.024	0.430		0.005	General
455-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.430		0.003	General
456-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.430		0.003	General
470-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.017	0.430		0.004	General
471-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.022	0.430		0.005	General
472-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.430		0.003	General
473-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.430		0.003	General
474-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.003	General
475-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.003	General
476-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.430		0.003	General
477-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.430		0.002	General
478-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.430		0.003	General
479-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.020	0.430		0.004	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
480-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.430		0.001	General
481-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.009	0.430		0.002	General
482-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.430		0.004	General
483-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.019	0.430		0.004	General
484-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.013	0.430		0.003	General
485-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.029	0.432		0.006	General
486-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.007	0.439		0.002	General
487-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.439		0.003	General
488-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.023	0.441		0.005	General
489-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.018	0.448		0.004	General
490-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.008	0.443		0.002	General
491-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.450		0.001	General
492-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.450		0.002	General
493-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.013	0.450		0.003	General
494-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.450		0.001	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
495-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.450		0.003	General
496-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.450		0.001	General
497-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.450		0.001	General
498-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.018	0.450		0.004	General
499-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.009	0.450		0.002	General
500-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.022	0.449		0.005	General
501-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.027	0.450		0.006	General
502-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.020	0.450		0.004	General
503-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.450		0.004	General
504-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
505-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.022	0.450		0.005	General
506-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.450		0.005	General
507-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.019	0.450		0.004	General
508-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.030	0.450		0.006	General
509-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.030	0.450		0.006	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
510-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.017	0.450		0.004	General
511-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.008	0.450		0.002	General
512-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.450		0.002	General
513-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.450		0.005	General
514-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.027	0.450		0.006	General
515-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
516-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
517-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
518-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
519-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
520-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
521-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
522-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
523-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.029	0.430		0.006	General
375-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.070	0.419		0.015	General

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Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
376-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.430		0.007	General
378-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.430		0.007	General
373-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.410		0.004	General
374-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.018	0.410		0.004	General
5-AA	Patch	gipp0937	Endangered	0	no	0.180	0.022	0.022	0.439		0.004	General
316-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.063	0.450		0.014	General
339-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.058	0.450		0.013	General
341-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.058	0.450		0.013	General
620-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.447		0.015	General
622-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.051	0.431		0.011	General
623-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.035	0.412		0.007	General
353-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.430		0.007	General
356-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.023	0.790		0.006	General
357-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.016	0.790		0.004	General
358-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.017	0.790		0.005	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
360-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.025	0.790		0.007	General
317-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.024	0.450		0.005	General
318-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.026	0.450		0.006	General
319-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.009	0.450		0.002	General
320-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.450		0.003	General
321-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.010	0.450		0.002	General
327-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.007	0.450		0.002	General
328-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.450		0.002	General
330-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.450		0.003	General
332-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.450		0.003	General
333-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.450		0.003	General
334-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.450		0.003	General
335-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.014	0.450		0.003	General
336-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.008	0.450		0.002	General
337-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.450		0.003	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
338-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.450		0.003	General
340-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.000			0.000	
345-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.450		0.004	General
349-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.410		0.007	General
1-E	Patch	gipp0937	Endangered	0	no	0.280	0.039	0.039	0.450		0.012	General
1-F	Patch	gipp0937	Endangered	2	no	0.320	0.060	0.060	0.450		0.021	General
2-F	Patch	gipp0937	Endangered	0	no	0.320	0.001	0.001	0.450		0.000	General
13-S	Patch	gipp0937	Endangered	0	no	0.140	0.014	0.014	0.670		0.002	General
63-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.380		0.006	General
62-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.070	0.373		0.014	General
3-C	Patch	hsf_0793	Depleted	0	no	0.390	0.009	0.009	0.450		0.004	General
4-P	Patch	hsf_0937	Endangered	0	no	0.360	0.016	0.016	0.450		0.006	General
132-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.370		0.006	General
9-D	Patch	hsf_0128	Vulnerable	0	no	0.290	0.003	0.003	0.310		0.001	General
10-A	Patch	hsf_0793	Depleted	0	no	0.390	0.000	0.000	0.320		0.000	General
11-G	Patch	hsf_0128	Vulnerable	0	no	0.400	0.001	0.001	0.370		0.000	General
379-TL	Scattered Tree	hsf_0128	Vulnerable	1	no	0.200	0.070	0.070	0.394		0.015	General
23-Y	Patch	gipp0937	Endangered	0	no	0.240	0.098	0.098	0.400		0.025	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
24-Y	Patch	gipp0937	Endangered	0	no	0.240	0.060	0.060	0.440		0.016	General
25-E	Patch	hsf_0128	Vulnerable	1	no	0.390	0.034	0.034	0.310		0.013	General
26-B	Patch	hsf_0793	Depleted	0	no	0.290	0.000	0.000	0.310		0.000	General
27-B	Patch	hsf_0793	Depleted	0	no	0.290	0.001	0.001	0.366		0.000	General
28-F	Patch	hsf_0128	Vulnerable	0	no	0.360	0.002	0.002	0.370		0.001	General
29-H	Patch	hsf_0128	Vulnerable	0	no	0.440	0.048	0.048	0.528		0.024	General
30-O	Patch	gipp0053	Endangered	0	no	0.390	0.000	0.000	0.750		0.000	General
31-O	Patch	gipp0053	Endangered	0	no	0.390	0.000	0.000	0.450		0.000	General
32-O	Patch	gipp0053	Endangered	0	no	0.390	0.000	0.000	0.450		0.000	General
33-O	Patch	gipp0053	Endangered	0	no	0.390	0.001	0.001	0.450		0.000	General
34-O	Patch	gipp0053	Endangered	0	no	0.390	0.005	0.005	0.450		0.002	General
35-O	Patch	gipp0053	Endangered	0	no	0.390	0.008	0.008	0.750		0.004	General
36-B	Patch	hsf_0793	Depleted	0	no	0.290	0.000	0.000	0.370		0.000	General
37-B	Patch	hsf_0793	Depleted	0	no	0.290	0.011	0.011	0.370		0.003	General
38-F	Patch	hsf_0128	Vulnerable	1	no	0.360	0.034	0.034	0.370		0.012	General
40-Z	Patch	hsf_0937	Endangered	2	no	0.180	0.752	0.752	0.408		0.143	General
148-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.064	0.367		0.013	General
149-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.380		0.015	General
150-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.380		0.015	General
152-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.380		0.015	General



Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
155-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.068	0.380		0.014	General
156-TL	Scattered Tree	hsf_0128	Vulnerable	1	no	0.200	0.070	0.068	0.392		0.014	General
157-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.380		0.015	General
159-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.370		0.014	General
161-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.370		0.014	General
167-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.067	0.400		0.014	General
168-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.068	0.400		0.014	General
230-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.070	0.400		0.015	General
188-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.057	0.450		0.012	General
189-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.042	0.450		0.009	General
190-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.054	0.450		0.012	General
191-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.066	0.450		0.014	General
192-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.066	0.450		0.014	General
231-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.400		0.015	General
164-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
165-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.406		0.007	General
212-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.022	0.400		0.005	General
213-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.025	0.400		0.005	General
214-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.026	0.400		0.005	General
216-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.023	0.400		0.005	General
217-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.024	0.400		0.005	General
218-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.021	0.400		0.004	General
219-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.020	0.400		0.004	General
220-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.021	0.400		0.004	General
221-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.027	0.400		0.006	General
224-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.027	0.400		0.006	General
225-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.027	0.400		0.006	General
227-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.400		0.007	General
229-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.400		0.007	General
234-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.422		0.007	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
242-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.430		0.007	General
14-Q	Patch	gipp0937	Endangered	0	no	0.230	0.000	0.000	0.800		0.000	General
6-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.018	0.800		0.005	General
7-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.013	0.800		0.003	General
8-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.013	0.800		0.003	General
9-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.016	0.800		0.004	General
36-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.272		0.013	General
12-H	Patch	hsf_0128	Vulnerable	0	no	0.440	0.009	0.009	0.430		0.004	General
1-K	Patch	hsf_0128	Vulnerable	0	no	0.270	0.013	0.013	0.326		0.003	General
2-D	Patch	hsf_0128	Vulnerable	0	no	0.290	0.006	0.006	0.310		0.002	General
6-E	Patch	hsf_0128	Vulnerable	0	no	0.390	0.000	0.000	0.310		0.000	General
7-J	Patch	hsf_0128	Vulnerable	0	no	0.290	0.010	0.010	0.335		0.003	General
8-I	Patch	hsf_0128	Vulnerable	0	no	0.310	0.030	0.030	0.340		0.009	General
39-Z	Patch	hsf_0937	Endangered	0	no	0.180	0.199	0.199	0.410		0.038	General
673-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.070	0.410		0.015	General
676-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.053	0.440		0.011	General
677-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.053	0.440		0.011	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
670-TS	Scattered Tree	hsf_0793	Depleted	0	no	0.200	0.031	0.000	0.410		0.000	General
672-TS	Scattered Tree	hsf_0793	Depleted	0	no	0.200	0.031	0.029	0.410		0.006	General
675-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.410		0.007	General
18-A	Patch	hsf_0793	Depleted	2	no	0.390	0.047	0.047	0.316		0.018	General
19-B	Patch	hsf_0793	Depleted	0	no	0.290	0.029	0.029	0.339		0.008	General
20-F	Patch	hsf_0128	Vulnerable	0	no	0.360	0.034	0.034	0.370		0.013	General
21-G	Patch	hsf_0128	Vulnerable	2	no	0.400	0.105	0.105	0.352		0.043	General
22-H	Patch	hsf_0128	Vulnerable	5	no	0.440	0.065	0.065	0.557		0.033	General
41-J	Patch	hsf_0128	Vulnerable	2	no	0.290	0.029	0.029	0.330		0.008	General
42-K	Patch	hsf_0128	Vulnerable	4	no	0.270	0.042	0.042	0.331		0.011	General
43-D	Patch	hsf_0128	Vulnerable	0	no	0.290	0.027	0.027	0.310		0.008	General
44-E	Patch	hsf_0128	Vulnerable	0	no	0.390	0.064	0.064	0.310		0.025	General
45-I	Patch	hsf_0128	Vulnerable	4	no	0.310	0.037	0.037	0.340		0.012	General
46-Q	Patch	gipp0937	Endangered	0	no	0.230	0.015	0.015	0.800		0.005	General
47-T	Patch	hsf_0937	Endangered	1	no	0.270	0.054	0.054	0.330		0.015	General
48-U	Patch	hsf_0937	Endangered	0	no	0.120	0.012	0.012	0.370		0.001	General
49-V	Patch	gipp0937	Endangered	0	no	0.140	0.196	0.196	0.439		0.030	General
50-V	Patch	gipp0937	Endangered	0	no	0.140	0.127	0.127	0.685		0.022	General
51-W	Patch	gipp0937	Endangered	2	no	0.290	0.123	0.123	0.460		0.039	General
52-X	Patch	gipp0937	Endangered	1	no	0.310	0.039	0.039	0.460		0.013	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
53-L	Patch	gipp0175	Endangered	0	no	0.210	0.060	0.060	0.750		0.017	General
54-M	Patch	gipp0175	Endangered	0	no	0.180	0.009	0.009	0.584		0.002	General
55-O	Patch	gipp0053	Endangered	0	no	0.390	0.183	0.183	0.621		0.087	General
56-C	Patch	hsf_0793	Depleted	0	no	0.390	0.160	0.160	0.450		0.068	General
57-P	Patch	hsf_0937	Endangered	0	no	0.360	0.103	0.103	0.450		0.040	General
58-S	Patch	gipp0937	Endangered	0	no	0.140	0.005	0.005	0.670		0.001	General
59-R	Patch	gipp0937	Endangered	0	no	0.160	0.006	0.006	0.260		0.001	General
60-N	Patch	gipp0175	Endangered	1	no	0.300	0.150	0.150	0.716		0.058	General
578-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.420		0.015	General
608-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.380		0.015	General
617-TL	Scattered Tree	gipp0018	Vulnerable	1	no	0.200	0.070	0.070	0.460		0.015	General
34-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.046	0.260		0.009	General
35-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.046	0.413		0.010	General
38-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.250		0.013	General
64-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.402		0.015	General
621-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.421		0.015	General
624-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.032	0.420		0.007	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
625-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.046	0.407		0.010	General
44-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.440		0.015	General
372-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.070	0.430		0.015	General
16-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.027	0.460		0.006	General
17-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.039	0.460		0.009	General
13-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.049	0.460		0.011	General
111-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.070	0.400		0.015	General
28-TL	Scattered Tree	gipp0083	Endangered	1	no	0.200	0.070	0.070	0.460		0.015	General
609-TL	Scattered Tree	gipp0018	Vulnerable	1	no	0.200	0.070	0.070	0.410		0.015	General
613-TL	Scattered Tree	gipp0018	Vulnerable	1	no	0.200	0.070	0.070	0.800		0.019	General
616-TL	Scattered Tree	gipp0018	Vulnerable	1	no	0.200	0.070	0.070	0.768		0.019	General
305-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.380		0.015	General
669-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.070	0.410		0.015	General
123-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.066	0.760		0.018	General
124-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.047	0.760		0.012	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
126-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.048	0.760		0.013	General
136-TL	Scattered Tree	gipp0128	Endangered	1	no	0.200	0.070	0.070	0.446		0.015	General
82-TL	Scattered Tree	gipp0175	Endangered	1	no	0.200	0.070	0.049	0.750		0.013	General
83-TL	Scattered Tree	gipp0175	Endangered	1	no	0.200	0.070	0.070	0.661		0.018	General
98-TL	Scattered Tree	gipp0175	Endangered	1	no	0.200	0.070	0.070	0.440		0.015	General
104-TL	Scattered Tree	hsf_0793	Depleted	1	no	0.200	0.070	0.039	0.441		0.008	General
678-TL	Scattered Tree	hsf_0937	Endangered	1	no	0.200	0.070	0.039	0.440		0.008	General
32-TL	Scattered Tree	gipp0937	Endangered	1	no	0.200	0.070	0.070	0.260		0.013	General
74-TL	Scattered Tree	hsf_0128	Vulnerable	1	no	0.200	0.070	0.070	0.450		0.015	General
125-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.000	0.760		0.000	General
585-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
590-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.029	0.450		0.006	General
591-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.029	0.450		0.006	General
593-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
579-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.020	0.440		0.004	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
580-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.010	0.440		0.002	General
581-TS	Scattered Tree	hsf_0175	Depleted	0	no	0.200	0.031	0.010	0.440		0.002	General
582-TS	Scattered Tree	hsf_0175	Depleted	0	no	0.200	0.031	0.018	0.440		0.004	General
583-TS	Scattered Tree	hsf_0175	Depleted	0	no	0.200	0.031	0.029	0.444		0.006	General
19-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.018	0.460		0.004	General
20-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.460		0.005	General
21-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.006	0.460		0.001	General
25-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.460		0.007	General
322-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.022	0.450		0.005	General
323-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.450		0.001	General
324-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.003	0.450		0.001	General
325-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.015	0.450		0.003	General
326-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.007	0.450		0.001	General
329-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.027	0.450		0.006	General
331-TS	Scattered Tree	gipp0018	Vulnerable	0	no	0.200	0.031	0.021	0.450		0.005	General



Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
350-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.023	0.430		0.005	General
351-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.023	0.430		0.005	General
39-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.250		0.001	General
40-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.006	0.250		0.001	General
122-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.031	0.430		0.007	General
311-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.410		0.004	General
312-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.410		0.002	General
313-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.410		0.003	General
314-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.023	0.410		0.005	General
315-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.410		0.007	General
525-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.410		0.007	General
18-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.001	0.460		0.000	General
24-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.460		0.003	General
33-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.023	0.460		0.005	General
610-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.410		0.007	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
594-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.031	0.440		0.007	General
45-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.800		0.008	General
464-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.400		0.007	General
441-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.024	0.430		0.005	General
442-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.002	General
449-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.016	0.430		0.003	General
450-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.003	General
451-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.430		0.003	General
452-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.021	0.430		0.005	General
453-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.025	0.430		0.005	General
454-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.024	0.430		0.005	General
459-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.009	0.430		0.002	General
460-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.430		0.002	General
461-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.003	General
462-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.003	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
463-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.019	0.430		0.004	General
466-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.014	0.429		0.003	General
467-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.007	0.430		0.001	General
468-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.005	0.429		0.001	General
469-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.017	0.430		0.004	General
674-TS	Scattered Tree	hsf_0793	Depleted	0	no	0.200	0.031	0.001	0.410		0.000	General
115-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.027	0.380		0.006	General
116-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.027	0.380		0.006	General
117-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.031	0.380		0.006	General
118-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.031	0.430		0.007	General
137-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.024	0.455		0.005	General
138-TS	Scattered Tree	gipp0128	Endangered	0	no	0.200	0.031	0.024	0.458		0.005	General
84-TS	Scattered Tree	gipp0175	Endangered	0	no	0.200	0.031	0.012	0.790		0.003	General
67-TS	Scattered Tree	gipp0175	Endangered	0	no	0.200	0.031	0.031	0.460		0.007	General
457-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.012	0.430		0.003	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
458-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.019	0.430		0.004	General
465-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.430		0.007	General
73-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.031	0.450		0.007	General
99-TS	Scattered Tree	gipp0083	Endangered	0	no	0.200	0.031	0.009	0.440		0.002	General
77-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.002	0.450		0.000	General
78-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.011	0.450		0.002	General
79-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.015	0.450		0.003	General
100-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.029	0.440		0.006	General
101-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.019	0.440		0.004	General
102-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.008	0.440		0.002	General
103-TS	Scattered Tree	hsf_0937	Endangered	0	no	0.200	0.031	0.003	0.441		0.001	General
140-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.029	0.340		0.006	General
41-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.018	0.250		0.003	General
42-TS	Scattered Tree	gipp0937	Endangered	0	no	0.200	0.031	0.011	0.250		0.002	General
75-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.001	0.450		0.000	General

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
76-TS	Scattered Tree	hsf_0128	Vulnerable	0	no	0.200	0.031	0.000			0.000	
1-AB	Patch	gipp0937	Endangered	0	no	0.230	0.100	0.100	0.450		0.025	General

## Appendix 2: Information about impacts to rare or threatened species' habitats on site

This table lists all rare or threatened species' habitats mapped at the site.

Species common name	Species scientific name	Species number	Conservation status	Group	Habitat impacted	% habitat value affected
Strzelecki Gum	<i>Eucalyptus strzeleckii</i>	504558	Vulnerable	Dispersed	Habitat importance map	0.0012
Dandenong Wattle	<i>Acacia stictophylla</i>	505140	Rare	Dispersed	Habitat importance map	0.0004
Grey Billy-buttons	<i>Craspedia canens</i>	504643	Endangered	Dispersed	Habitat importance map	0.0004
Green Scentbark	<i>Eucalyptus fulgens</i>	505175	Rare	Dispersed	Habitat importance map	0.0004
Australian Grayling	<i>Prototroctes maraena</i>	4686	Vulnerable	Dispersed	Habitat importance map	0.0003
Brickmaker's Sedge	<i>Gahnia grandis</i>	501390	Vulnerable	Dispersed	Habitat importance map	0.0002
Growling Grass Frog	<i>Litoria raniformis</i>	13207	Endangered	Dispersed	Habitat importance map ; special site	0.0002
Swamp Fireweed	<i>Senecio psilocarpus</i>	504659	Vulnerable	Dispersed	Habitat importance map	0.0002
Floodplain Fireweed	<i>Senecio campylocarpus</i>	507136	Rare	Dispersed	Habitat importance map	0.0002
Winter Sun-orchid	<i>Thelymitra hiemalis</i>	505006	Endangered	Dispersed	Habitat importance map	0.0002
Maroon Leek-orchid	<i>Prasophyllum frenchii</i>	502709	Endangered	Dispersed	Habitat importance map	0.0002
Spurred Helmet-orchid	<i>Corybas aconitiflorus</i>	500835	Rare	Dispersed	Habitat importance map	0.0002
Hoary Rapier-sedge	<i>Lepidosperma canescens</i>	501915	Rare	Dispersed	Habitat importance map	0.0002
Plains Yam-daisy	<i>Microseris scapigera s.s.</i>	504657	Vulnerable	Dispersed	Habitat importance map	0.0001
Matted Flax-lily	<i>Dianella amoena</i>	505084	Endangered	Dispersed	Habitat importance map	0.0001
Swamp Everlasting	<i>Xerochrysum palustre</i>	503763	Vulnerable	Dispersed	Habitat importance map	0.0001
Glossy Grass Skink	<i>Pseudemoia rawlinsoni</i>	12683	Vulnerable	Dispersed	Habitat importance map	0.0001
Lewin's Rail	<i>Lewinia pectoralis pectoralis</i>	10045	Vulnerable	Dispersed	Habitat importance map	0.0001
Rough Daisy-bush	<i>Olearia asterotricha</i>	502300	Rare	Dispersed	Habitat importance map	0.0001

Purple Blown-grass	<i>Lachnagrostis punicea</i> subsp. <i>punicea</i>	504206	Rare	Dispersed	Habitat importance map	0.0001
Wiry Bossiaea	<i>Bossiaea cordigera</i>	500435	Rare	Dispersed	Habitat importance map	0.0001
Swamp Skink	<i>Lissolepis coventryi</i>	12407	Vulnerable	Dispersed	Habitat importance map	0.0001
Pale Swamp Everlasting	<i>Coronidium gunnianum</i>	504655	Vulnerable	Dispersed	Habitat importance map	0.0001
Purple Diuris	<i>Diuris punctata</i>	501084	Vulnerable	Dispersed	Habitat importance map	0.0001
Purple Blown-grass	<i>Lachnagrostis punicea</i> subsp. <i>filifolia</i>	504222	Rare	Dispersed	Habitat importance map	0.0001
Parsley Xanthosia	<i>Xanthosia leiophylla</i>	504562	Rare	Dispersed	Habitat importance map	0.0001
Tufted Club-sedge	<i>Isolepis wakefieldiana</i>	501789	Rare	Dispersed	Habitat importance map	0.0001
Cobra Greenhood	<i>Pterostylis grandiflora</i>	502798	Rare	Dispersed	Habitat importance map	0.0001
Grey Goshawk	<i>Accipiter novaehollandiae novaehollandiae</i>	10220	Vulnerable	Dispersed	Habitat importance map	0.0000
Yarra Gum	<i>Eucalyptus yarraensis</i>	501326	Rare	Dispersed	Habitat importance map	0.0000
Swamp Bush-pea	<i>Pultenaea weindorferi</i>	502881	Rare	Dispersed	Habitat importance map	0.0000
Green-striped Greenhood	<i>Pterostylis chlorogramma</i>	504728	Vulnerable	Dispersed	Habitat importance map	0.0000
Slender Stylewort	<i>Levenhookia sonderi</i>	501998	Rare	Dispersed	Habitat importance map	0.0000
Masked Owl	<i>Tyto novaehollandiae novaehollandiae</i>	10250	Endangered	Dispersed	Habitat importance map	0.0000
Tremont Bundy	<i>Eucalyptus</i> aff. <i>goniocalyx</i> (Dandenong Ranges)	507008	Vulnerable	Dispersed	Habitat importance map	0.0000
Black Falcon	<i>Falco subniger</i>	10238	Vulnerable	Dispersed	Habitat importance map	0.0000
Wine-lipped Spider-orchid	<i>Caladenia oenochila</i>	503694	Vulnerable	Dispersed	Habitat importance map	0.0000
Australasian Shoveler	<i>Anas rhynchotis</i>	10212	Vulnerable	Dispersed	Habitat importance map	0.0000
Austral Crane's-bill	<i>Geranium solanderi</i> var. <i>solanderi</i> s.s.	505337	Vulnerable	Dispersed	Habitat importance map	0.0000
Velvet Apple-berry	<i>Billardiera scandens</i> s.s.	504290	Rare	Dispersed	Habitat importance map	0.0000
Arching Flax-lily	<i>Dianella</i> sp. aff. <i>longifolia</i> (Benambra)	505560	Vulnerable	Dispersed	Habitat importance map	0.0000

White-throated Needletail	<i>Hirundapus caudacutus</i>	10334	Vulnerable	Dispersed	Habitat importance map	0.0000
Hardhead	<i>Aythya australis</i>	10215	Vulnerable	Dispersed	Habitat importance map	0.0000
Forest Phebalium	<i>Phebalium squamulosum subsp. squamulosum</i>	504817	Rare	Dispersed	Habitat importance map	0.0000
Clover Glycine	<i>Glycine latrobeana</i>	501456	Vulnerable	Dispersed	Habitat importance map	0.0000

#### Habitat group

- Highly localised habitat means there is 2000 hectares or less mapped habitat for the species
- Dispersed habitat means there is more than 2000 hectares of mapped habitat for the species

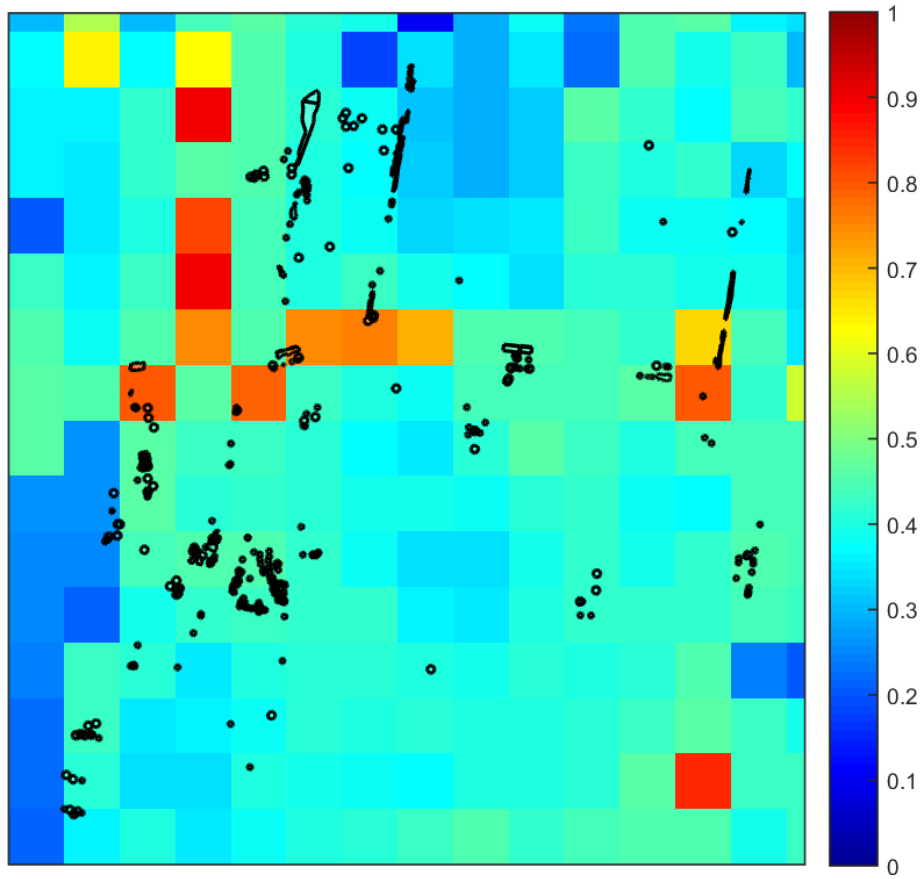
#### Habitat impacted

- Habitat importance maps are the maps defined in the Guidelines that include all the mapped habitat for a rare or threatened species
- Top ranking maps are the maps defined in the Guidelines that depict the important areas of a dispersed species habitat, developed from the highest habitat importance scores in dispersed species habitat maps and selected VBA records
- Selected VBA record is an area in Victoria that represents a large population, roosting or breeding site etc.

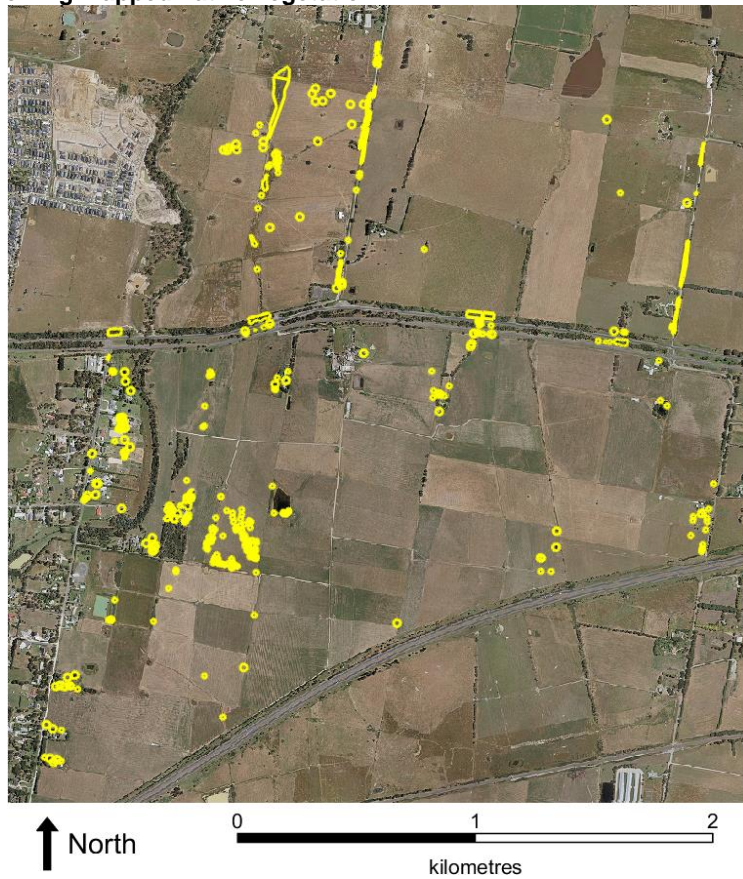


# Appendix 3 – Images of mapped native vegetation

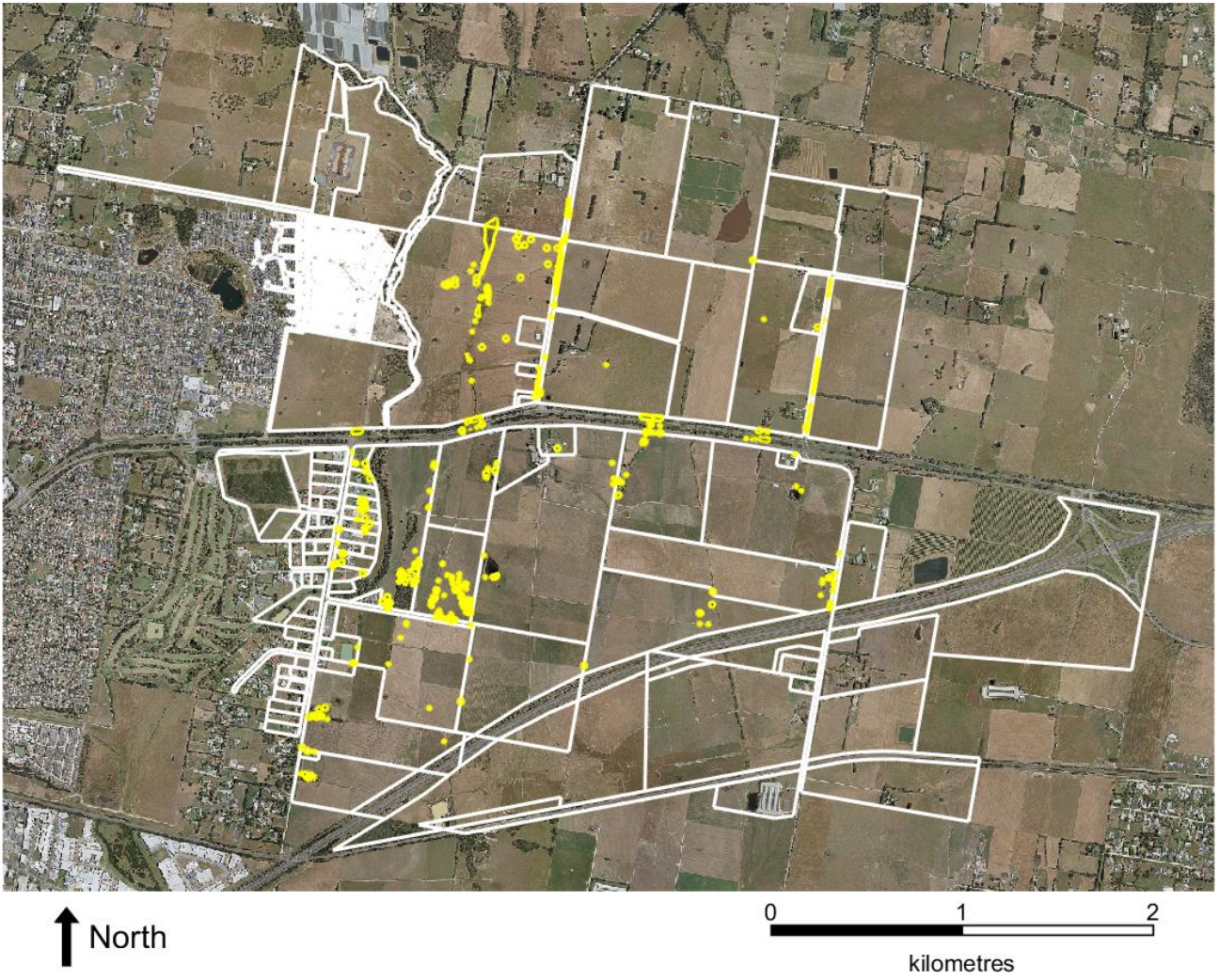
## 2. Strategic biodiversity values map



## 3. Aerial photograph showing mapped native vegetation



#### 4. Map of the property in context



Yellow boundaries denote areas of proposed native vegetation removal.

## Appendix 2 – Pakenham East PSP Open Space



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