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Ecological Assessment for Belgrave Heights CS

Prepared August 2024

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Document Control

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Document Reviews

Document Review Table

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1 Executive Summary

Southern Fauna and Ecology (SFE) were engaged to undertake an ecological assessment of a parcel of land at Belgrave Heights Christian School (BHCS), Victoria. The assessments consider the habitat and vegetation values of the property based on a desktop assessment and field assessments. It considers permitting requirements for potential development of the property and makes recommendations. The report has been updated to consider the new design following feedback from DEECA (RFI PA2302062).

The site contains patches of native vegetation and scattered trees that will require a permit to remove, and offsets will need to be acquired. Both General Habitat Units and Species Habitat Units are required.

Red-tip Greenhood *Pterostylis* sp. aff. *parviflora* (Southern Victoria) (505293) has been identified as being impacted by the proposed removal. This species was not identified on site during either site visit, but it is recommended that targeted surveys are undertaken for this species. This species flowers March to June.

Under the FFG Act several plant families and plant genera are protected as a group. Under these provisions three plant species that occur on the site are protected. None of these species is listed as threatened and in most cases are exempt from requiring a permit on private land.

Burrows of land crayfish were detected across the site. There are three threatened species known to occur in the area, Tubercle Burrowing Crayfish *Engaeus tuberculatus* is known to occupy slopes away from water and should be considered as possibly present on site. There are no burrows in the footprint so there should be no direct impacts. Mitigations will be required during any excavation works to minimise risks to the crayfish and it is recommended that an ecologist flags out burrows and an exclusion zone prior to works commencing.

Five Regionally Controlled weeds were identified on site. Montpellier Broom and Blackberry are also listed as Weeds of National Significance. Under the CALP Act landholders are obliged to prevent growth and spread of these weeds.

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2 Legislative Background

Table 1. summary of relevant legislation considered for this assessment

Policy/Legislation	Description
Commonwealth	
<i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)	<ul style="list-style-type: none"> provides for the protection of the environment, especially matters of national environmental significance (MNES) provides a streamlined national environmental assessment and approvals process enhances the protection and management of important natural and cultural places controls the international movement of plants and animals (wildlife), wildlife specimens and products made or derived from wildlife promotes ecologically sustainable development through the conservation and ecologically sustainable use of natural resources recognises the role of Indigenous people in the conservation and ecologically sustainable use of Australia's biodiversity promotes the use of Indigenous peoples' knowledge of biodiversity with the involvement of, and in cooperation with, the owners of the knowledge.
State	
<i>Environment Effects Act 1978</i> (EE Act)	<p>Triggers an environment effects statement be prepared when</p> <ul style="list-style-type: none"> there is a likelihood of regionally or state significant environment effects there is a need for integrated assessment e.g. social and economic effects normal statutory processes would not provide sufficient comprehensive, integrated, and transparent assessment <p>The EES process provides means of avoiding, minimising and managing adverse effects.</p>
<i>Flora and Fauna Guarantee Act 1988</i> (FFG Act)	<p>Provides for the listing of taxa (genera, species, subspecies and varieties), threatened communities of flora and fauna and potentially threatening processes.</p> <ul style="list-style-type: none"> the Threatened List contains taxa and communities of native flora and fauna which are threatened the Processes List contains potentially threatening processes. <p>a number of non-threatened species are also listed under the Act, a Permit to Take is required to remove these species</p>
<i>Guidelines for the removal, destruction or lopping of native vegetation</i> (DEWLP 2017)	<p>The purpose of the Guidelines is to set out and describe the application of Victoria's statewide policy in relation to assessing and compensating for the removal of native vegetation. This includes:</p> <ul style="list-style-type: none"> the assessment of impacts from removing native vegetation on biodiversity and other values how offsets are calculated and established to compensate for the loss in biodiversity value from the removal of native vegetation.

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<p>Catchment and Land Protection Act 1994</p>	<p>The purposes of this Act is to</p> <ul style="list-style-type: none"> • set up a framework for the integrated management and protection of catchments; • encourage community participation in the management of land and water resources; • set up a system of controls on noxious weeds and pest animals; • repeal and amend various Acts concerning catchment and land management.
<p>LOCAL</p>	
<p>Vegetation Protection Overlay</p>	<p>The purpose of this overlay is to</p> <ul style="list-style-type: none"> • implement the Municipal Planning Strategy and the Planning Policy Framework. • identify areas where the development of land may be affected by environmental constraints. • ensure that development is compatible with identified environmental values.. <p>Specific to Schedule 1 to Clause 42.01</p> <p>Any application for a permit must be accompanied, by the following information to the satisfaction of the responsible authority:</p> <ul style="list-style-type: none"> • the size and topography of the land • the location and extent of the vegetation existing on the site • the location and extent of the vegetation that is proposed to be removed • details and location of any proposed buildings or works including the extent of earthworks and on site effluent disposal areas that may impact on existing vegetation, soil stability and waterways. • an assessment of: <ul style="list-style-type: none"> ○ the quality of the vegetation in respect to its type and condition ○ its value as habitat for indigenous flora and fauna ○ the potential effect of the proposed development or vegetation removal on the habitat value of adjoining and nearby land • the reasons why the vegetation is required to be removed • an explanation of how the proposed vegetation removal has been minimised • a preliminary land management plan (may be required as a condition of permit) that identifies the important environmental values of the site and describes the land management actions, such as revegetation and fencing, that are proposed to be undertaken in conjunction with the proposed development or vegetation removal. <p>If in the opinion of the responsible authority the need to provide the above information is not relevant to the evaluation of an application, it may waive or reduce the requirement.</p>

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3 Project Background

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Belgrave Heights Christian School are applying for the addition of a Performing Arts and Senior Learning Centre at their campus in Belgrave. The proposal is to utilise the land on the corner of Wattle Valley Rd and Mount Morton Rd (Fig. 1). These works will require the removal of patches of native vegetation and the removal of both exotic, native and indigenous trees. This assessment considers ecological impacts and addresses permitting requirements likely to be needed if the development were to proceed in line with current concept designs (Fig. 2).

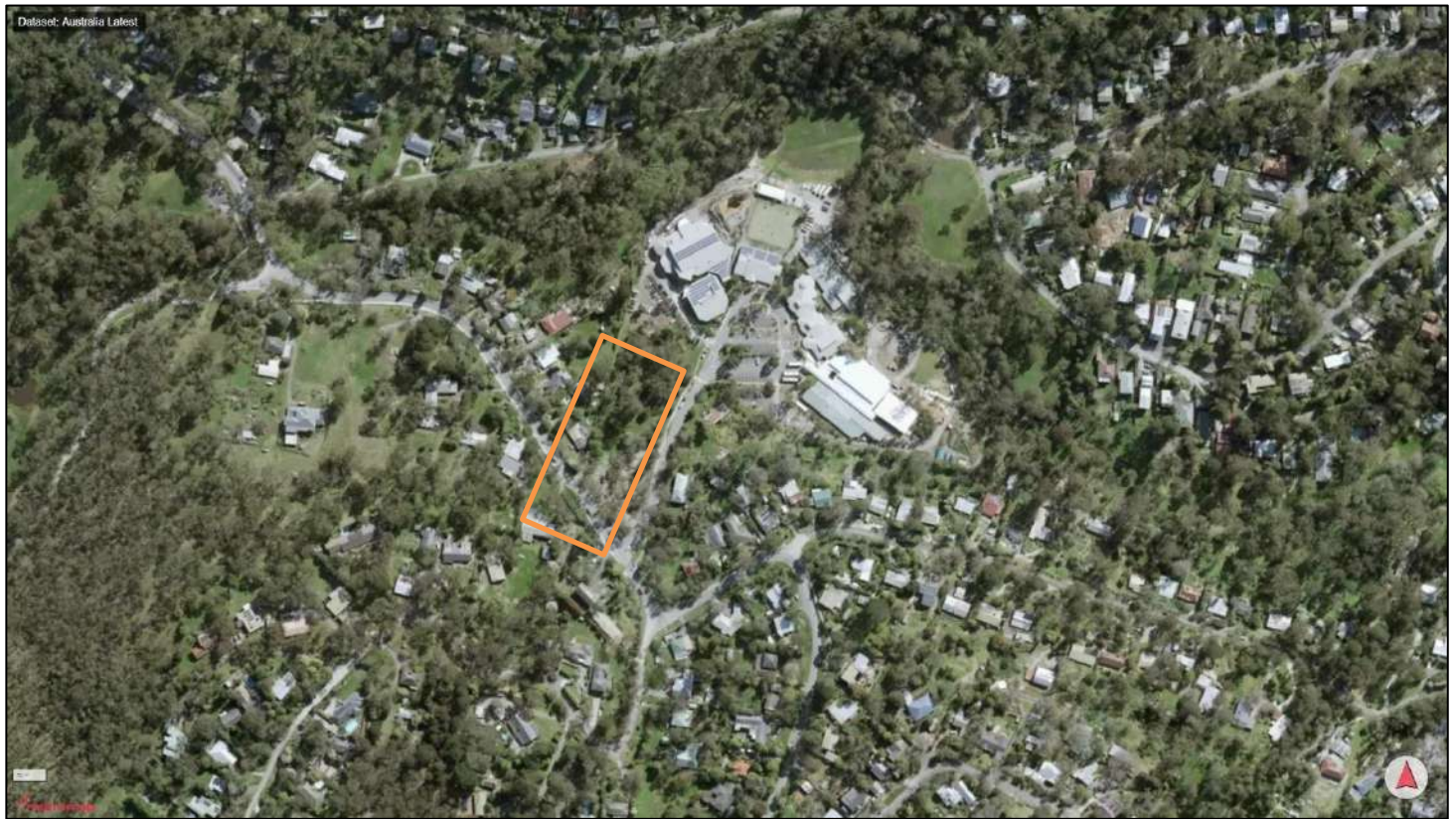


Fig. 1. Proposed site for Performing Arts and Senior Learning Centre at Belgrave Heights Christian School.

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smith+tracy architects

PROJECT:
BELGRAVE HEIGHTS
PERFORMING ARTS & SENIOR
LEARNING CENTRE
ADDRESS:
150 WATTLE VALLEY ROAD, BELGRAVE VIC 3162

DRAWING:
TREE RETENTION PLAN
SCALE:
1:200 @A3 1:100 @A1
JOB NUMBER:
20054 DATE:
19.03.2024

DRAWING NUMBER:
DA0201

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Development Application

Fig. 2. Proposed site plan for development at Belgrave Heights Christian School

4 Ecological Assessment

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4.1 Field Survey

4.3.1 Flora

The vegetation survey aimed to document the overall quality and composition of the site, as well as species listed on the EPBC and/or the FFG Acts. This included direct observation of listed plant species, as well as identifying the likely presence of both annual and deciduous species. The site was deemed to have native vegetation as defined by *Guidelines for the removal, destruction or lopping of native vegetation* (DELWP 2017). Native vegetation, as defined under Victorian Planning Provisions Clause 72, is “any plants that are indigenous to Victoria, including trees, shrubs, herbs and grasses”. Further classification separates native vegetation into a patch or a scattered tree (Table 3).

A Vegetation Quality Assessment was undertaken for this site by an ecologist qualified to undertake an assessment under the guidelines of the *Vegetation quality assessment manual* (DSE 2004), the Victorian Planning Provisions and the *Guidelines for the removal, destruction or lopping of native vegetation* (DELWP 2017).

An arborists report prepared by Ironbark (2022) will outline the expected impacts on trees within the works footprint.

Table 2. Native vegetation as defined under the Guidelines (DELWP 2017)

Definition	
Patch	
	An area of vegetation where at least 25 percent of the total perennial understorey plant cover is native; or
	Any area with three or more native canopy trees where the drip line of each tree touches the drip line of at least one other tree, forming a continuous canopy; or
	Any mapped wetland included in the <i>Current wetland map</i> in the DELWP systems tools
Scattered Tree	
	A native canopy tree that does not form part of a patch

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5 Results

5.1 Desktop Search

The site was identified as possibly having patches of EVC 18 Riparian Forest and/ or EVC 23 Herb-rich Foothill Forest. Aerial imagery suggests the patch is disturbed. Based on the area and number of native trees indicated as impacted in the arborists report the site would require an assessment in the detailed assessment pathway.

5.1.1 Federal

A Protected Matters Search, 13th June 2023, found the following Matters of National Environmental Significance within a 5km radius of the site

- 2 listed threatened ecological communities
- 45 listed threatened species
- 14 Listed migratory species

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Of the listed threatened fauna species, two birds and two mammals may be transitory visitors to the area, they are not considered likely to be impacted by proposed works. Three threatened plant species would have the potential to occur on this site and be detectable at the time of the survey.

Birds

Gang-gang Cockatoo *Callocephalon fimbriatum*

White-throated Needletail *Hirundapus caudacutus*

There are records of Gang-gang Cockatoo *Callocephalon fimbriatum* in Belgrave. This species requires large hollows in tall trees for breeding and will feed on the seeds of native and introduced trees and shrubs. No significant food or habitat for this species will be removed so the proposal is not expected to impact this species.

The White-throated Needletail *Hirundapus caudacutus* is a visitor to Australia between late spring and early autumn, widespread around Victoria December to April. They are an aerial species, feeding on the wing, but will roost in trees. There are recent records of the birds in Belgrave. They may be a transient visitor to the area but they are not considered to be a species that will be impacted by works.

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Mammals

Grey-headed Flying Fox *Pteropus poliocephalus*

Yellow-bellied Glider *Petaurus australis*

There are records of Grey-headed Flying Fox *Pteropus poliocephalus* feeding in Belgrave. Any flowering Eucalypts or fruiting trees would provide appropriate feeding sites for the species, roosting in the area is less likely but at times individuals may roost where they are feeding rather than return to the colony roost. They are a possible visitor in this area, but the site is not considered to contain critical habitat for the species.

Yellow-bellied Glider *Petaurus australis* are known to occur in Belgrave. This species is typically associated with wet forests, they have a preference for larger patches of forest with old age eucalypts that provide the large hollows they are dependent on and the food resources family groups require. They may move through urban patches at times, but this would not be considered critical habitat for this species.

Plants

White Star-bush *Asterolasia asteriscophora* subsp. *albiflora*

Round-leaf Pomaderris *Pomaderris vacciniifolia*

Green-striped Greenhood *Pterostylis chlorogramma*

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A number of geophytic species such as Orchids and lilies as well as smaller annual herbaceous species have potential to be on the site too but could be undetectable at this time of year.

There is also the potential that threatened or endangered species exist within the soil seedbank and could emerge post fire as is the case with *Pomaderris vacciniifolia* which is known to be undetectable until post fire.

5.1.2 State

A VBA and Nature Kit search of a 5km radius of the site, on the 13th June 2023, revealed the area is considered of moderate biodiversity value. A search of FFG listed species reveals

- 35 listed plants
- 42 listed animals

Of the listed threatened fauna and flora species several threatened species may occur on site or visit the site. List does not include species also listed under EPBC.

Birds

Grey Goshawk *Accipiter novaehollandiae*

Little Eagle *Hieraaetus morphnoides*

Square-tailed Kite *Lophoictinia isura*

Powerful Owl *Ninox strenua*

Sooty Owl *Tyto tenebricosa*

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Grey Goshawk *Accipiter novaehollandiae*, Little Eagle *Hieraaetus morphnoides* and Square-tailed Kite *Lophoictinia isura* have all been recorded in and around Belgrave. The site and surrounds contain habitat that would be suitable for all three for feeding but is not expected to contain habitat critical to any.

Powerful Owls *Ninox strenua* and Sooty Owl *Tyto tenebricosa* are known to occur in Belgrave and would be expected to move into these settled areas to feed. Individuals may use mature trees for perching and possibly roosting. They are possible visitors in this area, but it is not envisioned that the works will have any impacts on the species or important habitat for the species.

Invertebrates

Dandenong Burrowing Crayfish *Engaeus urostrictus*

Foothill Burrowing Crayfish *Engaeus victoriensis*

Tubercle Burrowing Crayfish *Engaeus tuberculatus*

All three threatened species of land crayfish are known to occur in the area. Tubercle Burrowing

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Crayfish are the most likely of the three that may be present given the topography of the site. This species uses burrows dependent on run-off rather than the water table.

Plants

Sticky Wattle	<i>Acacia howittii</i>	Vulnerable
Wiry Bossiaea	<i>Bossiaea cordigera</i>	Endangered
Christmas Spider Orchid	<i>Caladenia flavovirens</i>	Critically Endangered
Bow Lip Spider Orchid	<i>Caladenia toxochila</i>	Critically Endangered
Forest Sedge	<i>Carex alsophila</i>	Critically Endangered
Spurred Helmet Orchid	<i>Corybas aconitiflorus</i>	Endangered
Slender Tree Fern	<i>Cyathea cunninghamii</i>	Critically Endangered
Spotted Gum	<i>Corymbia maculata</i>	Endangered
Yarra Gum	<i>Eucalyptus yarraensis</i>	Critically Endangered
Clover Glycine	<i>Glycine latrobeana</i>	Vulnerable
Bristly Shield Fern	<i>Lastreopsis hispida</i>	Endangered
Slender Style-wort	<i>Levenhookia sonderi</i>	Endangered
Giant Honey Myrtle	<i>Melaleuca armillaris subsp. armillaris</i>	Endangered
Entire Marsh-wort	<i>Nymphoides montana</i>	Endangered
Green Leek Orchid	<i>Prasophyllum lindleyanum</i>	Endangered
Maroon Leek Orchid	<i>Prasophyllum frenshii</i>	Endangered
Netted Brake	<i>Pteris epaleata</i>	Endangered
Cobra Greenhood	<i>Pterostylis grandiflora</i>	Endangered
Brittle Greenhood	<i>Pterostylis truncata</i>	Critically Endangered
Crimson Sun Orchid	<i>Thelymitra X macmillanii</i>	Vulnerable
Fairy Lanterns	<i>Thismia rodwayi</i>	Endangered
Wine Lipped Spider Orchid	<i>Caladenia oenochila</i>	Endangered
Southern Xanthosia	<i>Xanthosia tasmanica</i>	Critically Endangered
Southern Blue Gum	<i>Eucalyptus globulus subsp. Globulus</i>	Endangered
Mountain Bird Orchid	<i>Chiloglottis jeansii</i>	Vulnerable
Veined Spear Grass	<i>Austrostipa rudis subsp. australis</i>	Endangered
Dandenong Wattle	<i>Acacia stichophylla</i>	Endangered
Green Scent-bark	<i>Eucalyptus fulgens</i>	Endangered
Red Tip Greenhood	<i>Pterostylis clivosa</i>	Endangered
Mountain Helmet Orchid	<i>Corybas grumulus</i>	Endangered
White Star Bush	<i>Asterolasia asteriscophora subsp. albiflora</i>	Critically Endangered
Crisped Mitre Moss	<i>Distichophyllum crispatum</i>	Endangered

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Floodplain Fireweed	<i>Senecio campylocarpus</i>	Endangered
Famine Flat Pea	<i>Platylobium infecundum</i>	Endangered
Southern Blue Gum	<i>Eucalyptus globulus subsp. globulus</i>	Endangered

5.2 Field Survey

The site was visited by an accredited Vegetation Quality Assessor and Botanist on the 14th June 2023. A new assessment was undertaken on July 4th 2024 following a change in design. The site is bordered by school buildings, a staff carpark and private residences. It slopes steeply down from the corner of Mt Morton Rd and Wattle Valley Rd to the current staff carpark (south to north). There is a mix of native planted gardens and remnant native vegetation. See Appendix for images of site condition. A Vegetation Quality Assessment (VQA) was undertaken with searches for any other EPBC or FFG listed species. No targeted fauna surveys were undertaken.

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5.2.1 Flora

The area surveyed is within the Highlands Southern Fall Bioregion with EVC 23, Herb Rich Foothill Forest which has a Bioregional Conservation Status of Least Concern occupying the entire study area.

The area surveyed was significantly disturbed and regularly slashed short with all woody debris pushed up into piles with other solid debris and soil. The species within this area were a mix of indigenous and exotic species with a bias towards low growing grasses and herbivorous species due to mowing regimes with some shrubs around the bases of trees and in difficult to mow areas. Some recruitment was evident but highly suppressed by the current maintenance regime. There were two small patches of vegetation with 'Conservation Zone' signposted on them where the grassy layer was allowed to grow long but still remained unremarkable. Some patchy bryophytic beds were present but represent only a minor contribution at this site.

There are three species of Eucalypt that characterise EVC 23, of which only two species Messmate *Eucalyptus obliqua* and Narrow-leaved Peppermint *E. radiata* were present and at various stages of recruitment. Weeds were patchy across the site with some fairly solid stands and others mixed with indigenous species. There were notably higher weed densities in open areas without canopy and around piles of rubble and debris.

None of the threatened species identified in the desktop search were recorded on site but it is recommended that targeted surveys be undertaken, in particular for the Red-tip Greenhood

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Pterostylis sp. aff. *Parviflora*, as the project has been identified as having a significant impact on the habitat for this species.

There were three species listed as Protected Flora under the FFG Act identified including the following species from the family Asteraceae Tree Everlasting *Ozothamnus ferugineus*, Shrubby Fireweed *Senecio minimus* and Cotton Fireweed *Senecio quadridentatus*.

Five Regionally Controlled weeds. Spear Thistle *Cirsium vulgare*, Hawthorn *Crataegus monogyna*, Montpellier Broom *Genista monspessulana*, Blackberry *Rubus* sp., St Peter's Wort *Hypericum tetrapterum* were identified. Montpellier Broom and Blackberry are also listed as Weeds of National Significance.

A plant list is in Appendix II

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Fig. 3. Patch of native vegetation and scattered trees to be remo

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Plate 1. Representative image of vegetation and topography

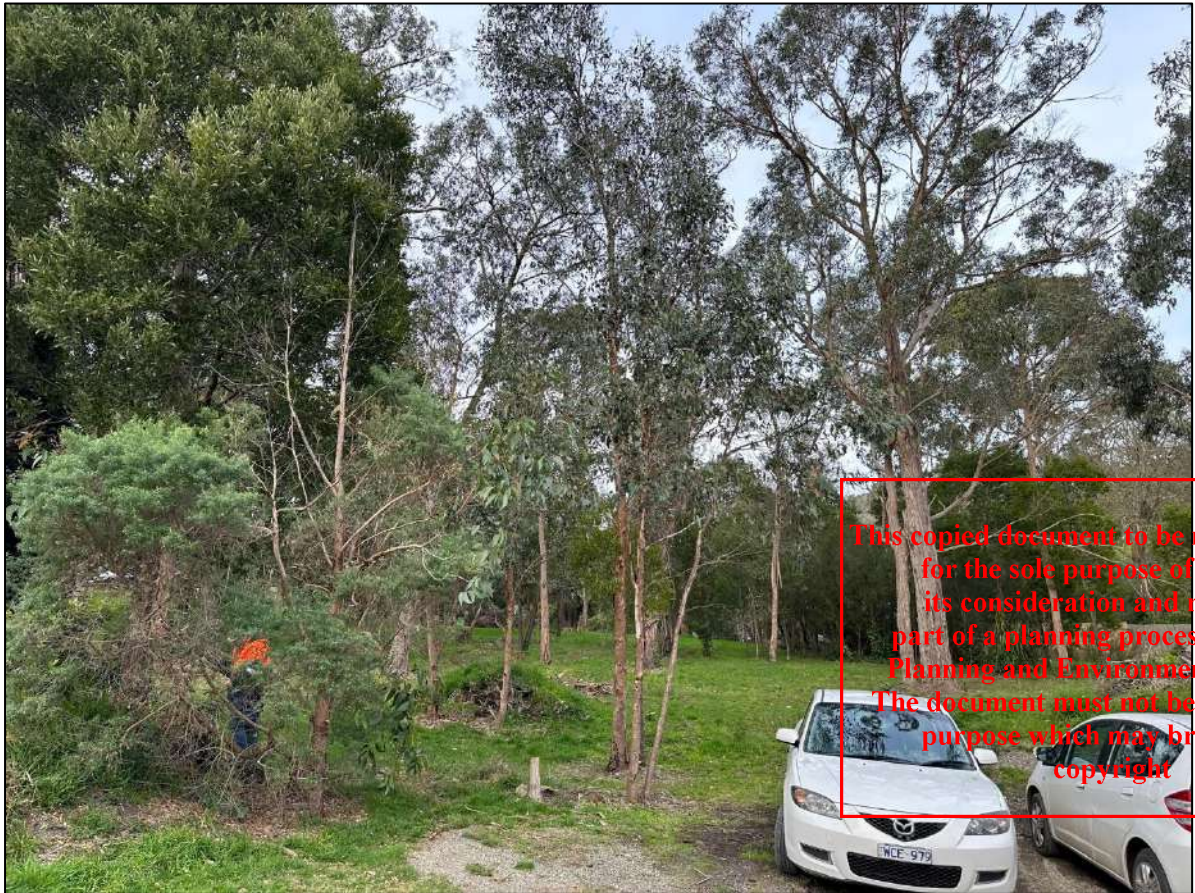


Plate 2. Representative image of vegetation and topography



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Plate 3. Representative image of vegetation and topography

5.2.1 Vegetation Quality Assessment

A patch of native vegetation on site was identified as EVC 23 Herb-rich Foothill Forest (Table 4). There were an additional 3 scattered trees.

Table 3. VQA results for Patch of Native Vegetation

Habitat Zone 1		
Bioregion	Southern Fall	
EVC	23 Herb-rich Forest Foothill	
Status	Least Concern	
Site Condition Score		
	Score	Max Score
Large Trees	2	10
Tree Canopy Cover	2	5
Lack of Weeds	6	15
Understorey	15	25
Recruitment	3	10
Organic Litter	3	5
Logs	0	5
Landscape context		
Patch Size	1	10
Neighbourhood	2	10
Distance to Core Area	1	5
Total Habitat Score	35	100

See Appendix II for a detailed species list for patches of native vegetation.

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5.2.2 Fauna

The site was inspected to identify potential habitat. The vegetation was inspected to identify any fauna or any signs of use by fauna.

There is good connectivity of vegetation between this site and the street and surrounding residential blocks. The size of the patch of vegetation across this and the neighbouring property would be suitable for fauna to occupy as well as important corridor habitat for fauna to move through the landscape. Many native birds were recorded using the site. There was evidence of possums with several dreys recorded in trees and Brushtail Possum *Trichosurus vulpecula* scat recorded. Several of the larger eucalypts had tree hollows including one large enough for a Brushtail Possum and cracks and crevices suitable for microbats to roost. Rainbow Lorikeets *Trichoglossus haematodus* were observed using a hollow.

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A large number of burrows were observed across the site indicating the presence of land crayfish. There are three threatened species that may occur in the Dandenong's. Dandenong Burrowing Crayfish *Engaeus urostrictus*, restricted to the Dandenong Ranges, usually occurs in the Wet Forest EVC at altitudes >250m with burrows close to streams accessing the water table, so is unlikely to occur on the upper slopes site (DEWLP 2015). The Foothill Burrowing Crayfish *Engaeus victoriensis* has historical records throughout Belgrave. They are more likely to be associated with stream side burrows. It is possible it may be the Tubercle Burrowing Crayfish *Engaeus tuberculatus* which occupies slopes and uses water run off rather than the water table (DEWLP 2015). Given the possibility of it being one of the threatened species it should be presumed that they may be present. Any excavation works will require an ecologist being present to mitigate risks to the crayfish and to identify crayfish species. If the threatened species was to be identified on site, then works should be referred to DEECA. There is opportunity to relocate individuals within 100m of their burrows. Any burrows should be fenced off with barriers to prevent plant or vehicles from tracking over. These areas should be designated No Go Zones for the duration of works.

Mitigations will be required during works to reduce impacts to fauna that may be occupying these areas. These will be outlined in our recommendations.

Native Birds

Australian Magpie

Cracticus tibicens

Rainbow Lorikeet

Trichoglossus haematodus

Red Wattlebird

Anthochaera carunculata

Little Raven
Sulphur-crested Cockatoo
Laughing kookaburra
Grey Currawong
Noisy Miner
Short-billed Corella
Crimson Rosella
Australian King Parrot

Corvus mellori
Cacatua galerita
Dacelo novaeguineae
Strepera versicolor
Manorina melanocephalus
Cacatua sanguinea
Platycercus elegans
Alisterus scapularis

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Invertebrates

Land Crayfish

Engaeus sp.

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6 Recommendations

6.1 Legislative Implications

6.1.1 Federal Legislation

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

- No MNES were considered likely to be impacted by works, and therefore no further action is required under the EPBC Act.

6.1.2 State Legislation

The Flora and Fauna Guarantee Act 1988 (FFG Act)

- Several FFG listed plant were detected within the proposed impact area. Exemptions apply to FFG listed species on private property, so no further action is required.
- It is possible that a threatened Land Crayfish is present on site. Mitigations will be required during works and any animals should be relocated within 100m. If identified as one of the threatened species then works should be referred to DEECA

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The Catchment and Land Management Act 1994 (CALP)

- Several listed weeds occur on site. Under the CALP Act landholders have an obligation prevent growth and spread of any Controlled weeds

6.1.3 Guidelines for the removal, destruction or lopping of native vegetation (DEWLP 2017)

One patch of native vegetation and three scattered trees were identified as being impacted. were identified. The site is degraded and scored moderately in the Vegetation Quality Field Assessment. The native vegetation occurs within Location 1 and 3 of DELWP's native vegetation location map. Because of the location and the quantity to be removed the application for removal of vegetation will be submitted under the detailed assessment pathway.

A Native Vegetation Report is in Appendix III. This report will be required for any permit to remove application for this site. This report details offset requirements.

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6.2 Flora

Every step has been taken to avoid impacts to flora. Native vegetation, remnant and planted, will be retained including some significant trees with hollows. We recommend targeted surveys for Red-tip Greenhood prior to any works.

6.3 Summary of construction controls to protect flora

The following controls during works will ensure that the vegetation to be retained will not be impacted

- An arborist must establish tree protection zones (TPZ) for trees in the vicinity of works
- Ensure project installs No-go zone fencing, which considers TPZ prior to works
- No-go Zone fencing must also be installed in areas where LV, people and plant are regularly tracking to get to work areas
- Height restrictors should be used on plant to avoid damaging overhanging branches. If required branches should be pruned by a tree cutter prior to bringing plant in to avoid damaging the tree
- Laydown areas must be provided in areas with no native vegetation
- Sediment controls must be in place where appropriate

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6.4 Fauna

The site contains potential habitat for fauna and as such will require a pre-clearance inspection prior to impacts in particular vegetation removal. The vegetation will require pre-clearance inspections to identify if there are any fauna, signs of fauna use or habitat (e.g., nests) prior to removal.

There is a potential for a threatened land crayfish being present. Mitigations will be required during any excavations on site and a protected relocation site within 100m will need to be established. An ecologist should be engaged to manage this.

6.5 Summary of construction controls to protect fauna

- Excavation of crayfish burrows will need to be managed by an ecologist to mitigate impacts to unidentified land yabby given the possibility it may be one of three threatened species

- Use of No-go Zone fencing around crayfish burrows to avoid disturbance and compaction
- Use of No-go Zone fencing around vegetation patches to avoid disturbance to fauna using the vegetation
- Use of height limiters on plant to avoid disturbance to overhead vegetation
- Avoidance of stockpiling of soil or resources around vegetation which may cause unnecessary disturbance to fauna
- Sedimentation controls in place around identified wet sites that may provide habitat for frogs, avoid stockpiling in these areas
- Avoid leaving holes or pits open overnight. Where not possible provide structures that allow fauna to climb out and perform inspections prior to work commencing in the morning
- Any works that may directly impact identified habitat should be carried out with an ecologist present to allow for pre-clearance inspection to identify any fauna and implement a relocation strategy if required. Vegetation removal must have a pre-clearance inspection performed prior to removal
- Removal of shrubs and trees is best avoided during spring which is the peak nesting period
- Limit movement of plant, HV and LV around no-go zones to avoid disturbance, stopping in these areas should be discouraged unless required for works

Every attempt should be made to restore where possible any habitat that is disturbed. It is recommended that native, wherever possible indigenous, plant species are used in restoring the site. Propagation from plants currently on site should be considered.

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7 Avoid and minimise statement

The construction of the Performing Arts Learning Centre and Senior Learning Centre is in line with the schools Strategic Master Plan and will assist the school to meet the needs of a growing community.

DEWLP's strategic biodiversity value score rates the areas as of low to moderate strategic value (Fig. 4). Based on the site assessment there were patches of EVC 23 Herb-rich Foothill Forest (least concern) which scored moderately.

Clearing of native vegetation has been kept to a minimum, with the retention of considerable trees on site. Connectivity of canopy will be maintained around the border of the property, important for the movement of fauna, and includes trees with hollows. A change in design from DEECA has reduced the removal of vegetation, most of the trees to be removed are small to medium *Acacia* sp., rather than *Eucalyptus* sp., much of the canopy will be retained. *Acacia* are faster growing trees and can be more rapidly replaced in the landscape following works. The school has already enhanced the area with plantings of indigenous and native species.

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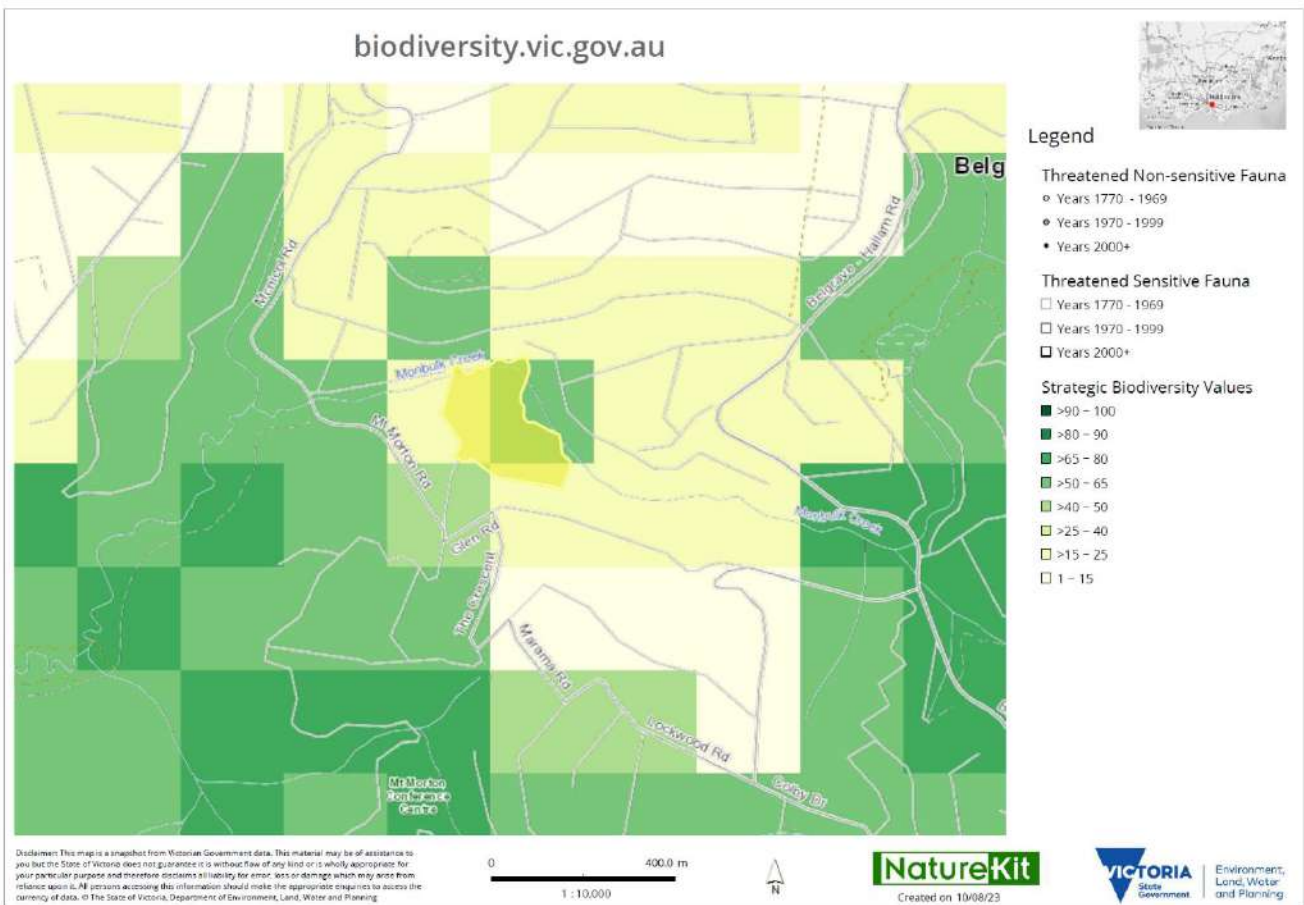


Fig. 4. Strategic Biodiversity Values, sites fall within the yellow polygon

Table 4. Scattered trees proposed for removal under current design. Large trees highlighted.

Tree #	DBH	Benchmark	Tree Size	Species
7	18	70	small	<i>Eucalyptus ovata</i>
8	18	70	small	<i>Acacia mearnsii</i>
9	53	70	small	<i>Eucalyptus ovata</i>
10	10	70	small	<i>Eucalyptus ovata</i>
11	13	70	small	<i>Eucalyptus ovata</i>
12	45	70	small	<i>Eucalyptus ovata</i>
13	20	70	small	<i>Acacia melanoxylon</i>
14	115	70	large	<i>Eucalyptus sp.</i>
17	12	70	small	<i>Eucalyptus obliqua</i>
18	10	70	small	<i>Melaleuca arillaris</i>
19	9.5	70	small	<i>Eucalyptus ovata</i>
21	6	70	small	<i>Acacia melanoxylon</i>
22	4	70	small	<i>Acacia melanoxylon</i>
23	20	70	small	<i>Eucalyptus obliqua</i>
24	16	70	small	<i>Eucalyptus obliqua</i>
25	20	70	small	<i>Eucalyptus obliqua</i>
26	9	70	small	<i>Acacia melanoxylon</i>
27	25	70	small	<i>Acacia melanoxylon</i>
28	26	70	small	<i>Eucalyptus obliqua</i>
33	12	70	small	<i>Eucalyptus ovata</i>
34	52	70	small	<i>Eucalyptus ovata</i>
35	32	70	small	<i>Eucalyptus radiata</i>
36	14	70	small	<i>Acacia melanoxylon</i>
37	55	70	small	<i>Eucalyptus sp.</i>
39	19	70	small	<i>Acacia melanoxylon</i>
40	12	70	small	<i>Acacia melanoxylon</i>
41	52	70	small	<i>Eucalyptus sp.</i>
55	45	70	small	<i>Eucalyptus ovata</i>
69	7	70	small	<i>Acacia melanoxylon</i>
70	19	70	small	<i>Acacia melanoxylon</i>
71	11	70	small	<i>Eucalyptus ovata</i>
74	20	70	small	<i>Acacia melanoxylon</i>
77	10	70	small	<i>Acacia melanoxylon</i>
78	20	70	small	<i>Acacia melanoxylon</i>
79	13	70	small	<i>Acacia melanoxylon</i>
80	32	70	small	<i>Acacia melanoxylon</i>
81	10	70	small	<i>Acacia melanoxylon</i>
82	9	70	small	<i>Acacia melanoxylon</i>
83	16	70	small	<i>Acacia melanoxylon</i>
84	18	70	small	<i>Acacia melanoxylon</i>
85	49	70	small	<i>Eucalyptus ovata</i>
86	21	70	small	<i>Acacia melanoxylon</i>
87	17	70	small	<i>Acacia melanoxylon</i>
88	12	70	small	<i>Acacia melanoxylon</i>
89	23	70	small	<i>Acacia melanoxylon</i>

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 Eucalyptus obliqua
 Melaleuca arillaris
 Eucalyptus ovata
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 Acacia melanoxylon
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90	24	70	small	<i>Eucalyptus ovata</i>
91	10	70	small	<i>Acacia melanoxyton</i>
92	22	70	small	<i>Acacia melanoxyton</i>
94	11	70	small	<i>Acacia melanoxyton</i>
95	13	70	small	<i>Acacia melanoxyton</i>
96	17	70	small	<i>Acacia melanoxyton</i>
116	30	70	small	<i>Acacia melanoxyton</i>
117	14	70	small	<i>Acacia melanoxyton</i>
125	15	70	small	<i>Acacia melanoxyton</i>
126	25	70	small	<i>Acacia melanoxyton</i>
132	21	70	small	<i>Acacia melanoxyton</i>
133	53	70	small	<i>Eucalyptus ovata</i>
134	29	70	small	<i>Acacia melanoxyton</i>
144	5	70	small	<i>Acacia melanoxyton</i>
145	9	70	small	<i>Acacia melanoxyton</i>
146	9	70	small	<i>Acacia melanoxyton</i>
147	7	70	small	<i>Acacia melanoxyton</i>
148	4	70	small	<i>Acacia melanoxyton</i>
149	4	70	small	<i>Acacia melanoxyton</i>
150	12	70	small	<i>Acacia melanoxyton</i>
151	13	70	small	<i>Acacia melanoxyton</i>
152	7	70	small	<i>Acacia melanoxyton</i>
153	9	70	small	<i>Acacia melanoxyton</i>
154	7	70	small	<i>Acacia melanoxyton</i>
155	6	70	small	<i>Acacia melanoxyton</i>
156	5	70	small	<i>Acacia melanoxyton</i>
175	13	70	small	<i>Acacia melanoxyton</i>
176	16	70	small	<i>Unknown</i>
226	36	70	small	<i>Acacia melanoxyton</i>
230	13	70	small	<i>Acacia melanoxyton</i>
231	25	70	small	<i>Acacia melanoxyton</i>
232	7	70	small	<i>Acacia melanoxyton</i>
233	10	70	small	<i>Acacia melanoxyton</i>
234	23	70	small	<i>Eucalyptus ovata</i>
235	16	70	small	<i>Acacia melanoxyton</i>
244	20	70	small	<i>Eucalyptus ovata</i>

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8 Offsets

A Native Vegetation Report from DEECA calculates the offset requirements for the proposed works (Table 4). A search for current general habitat units available and species habitat units available is included in Appendix IV. Offsets will be secured through a broker.

Table 4. Offset requirements as per the native vegetation removal report

Offset Requirements	
Offset Type	General offset
General Offset amount	0.0460 general habitat units
Vicinity	Port Phillip and Westernport Catchment Management Authority (CMA) or Yarra Ranges Shire
Minimum Strategic Value	0.3395
Large Trees	0
Offset Type	Species Offset
Species Offset Amount	0.224 Species Habitat Units for Red-tip Greenhood, <i>Pterostylis</i> sp. aff. <i>parviflora</i> (Southern Victoria) (505293)
Large Trees	2
The total number of Large Trees that the offset must protect	2 Large Trees to be protected in either the General, Species or combination across all habitat units protected

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DSE 2004. Vegetation Quality Assessment Manual – Guidelines for applying the habitat hectares scoring method. Version 1.3. Victorian Department of Sustainability and Environment East Melbourne.

<http://maps.biodiversity.vic.gov.au/viewer/?viewer=NatureKit>

<https://www.environment.vic.gov.au/biodiversity/victorian-biodiversity-atlas>

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[pmst.awe.gov.au/#/map?lng=131.52832031250003&lat=-
28.671310915880834&zoom=5&baseLayers=Imagery](http://pmst.awe.gov.au/#/map?lng=131.52832031250003&lat=-28.671310915880834&zoom=5&baseLayers=Imagery)

[https://agriculture.vic.gov.au/biosecurity/protecting-victoria/legislation-policy-and-permits/consolidated-
lists-of-declared-noxious-weeds-and-pest-animals](https://agriculture.vic.gov.au/biosecurity/protecting-victoria/legislation-policy-and-permits/consolidated-lists-of-declared-noxious-weeds-and-pest-animals)

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10 Appendix I

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Images of site condition

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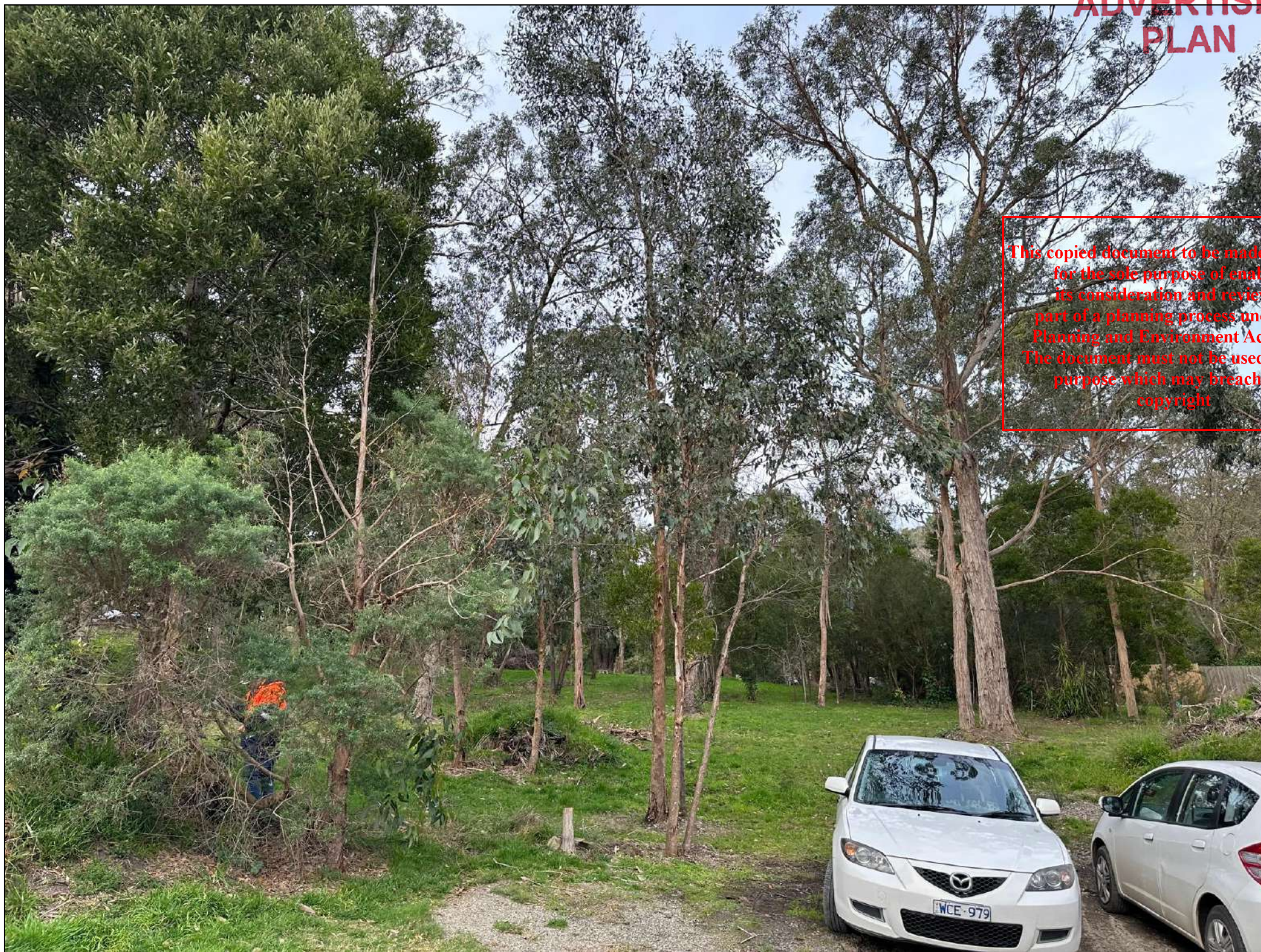
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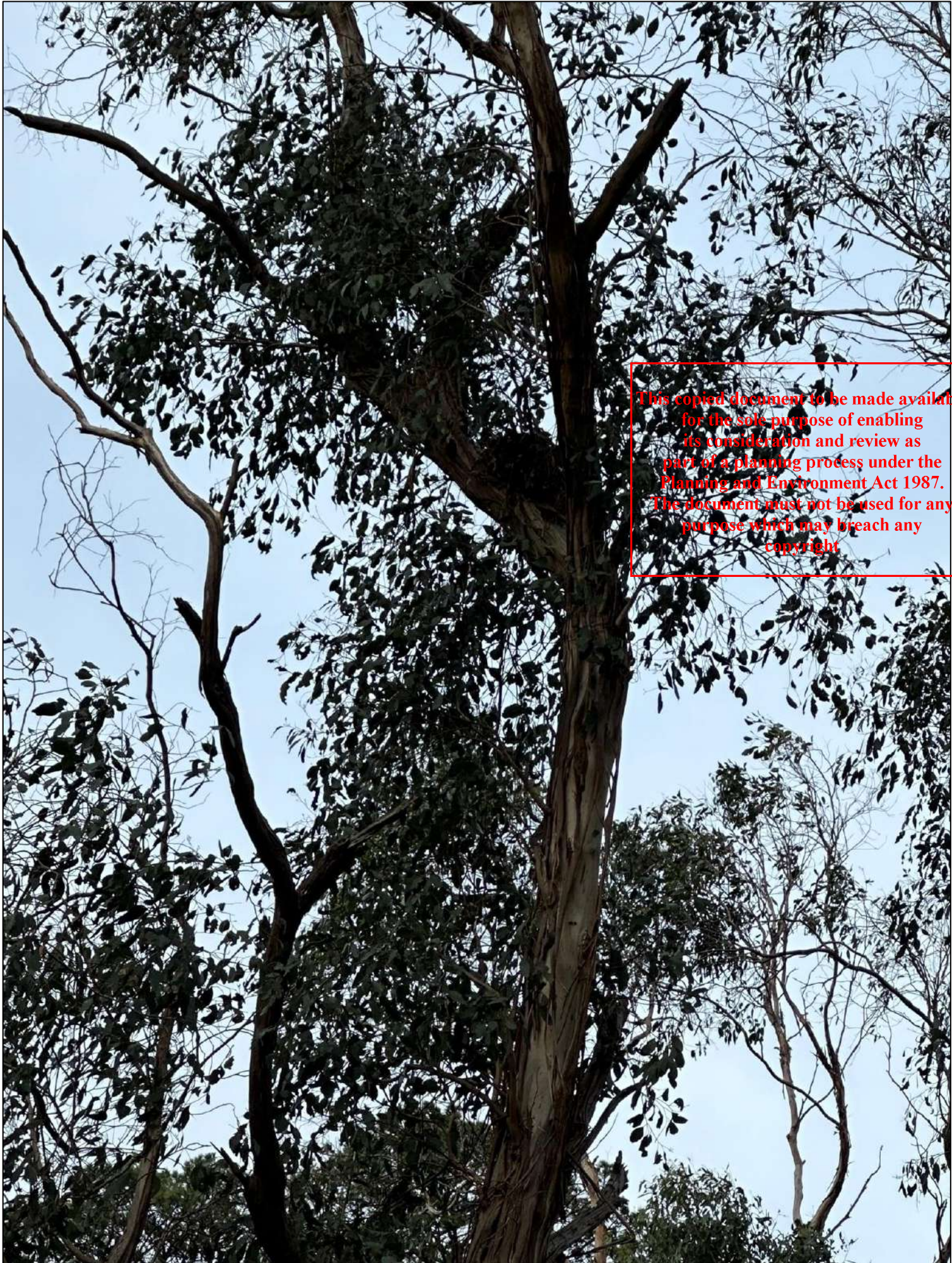
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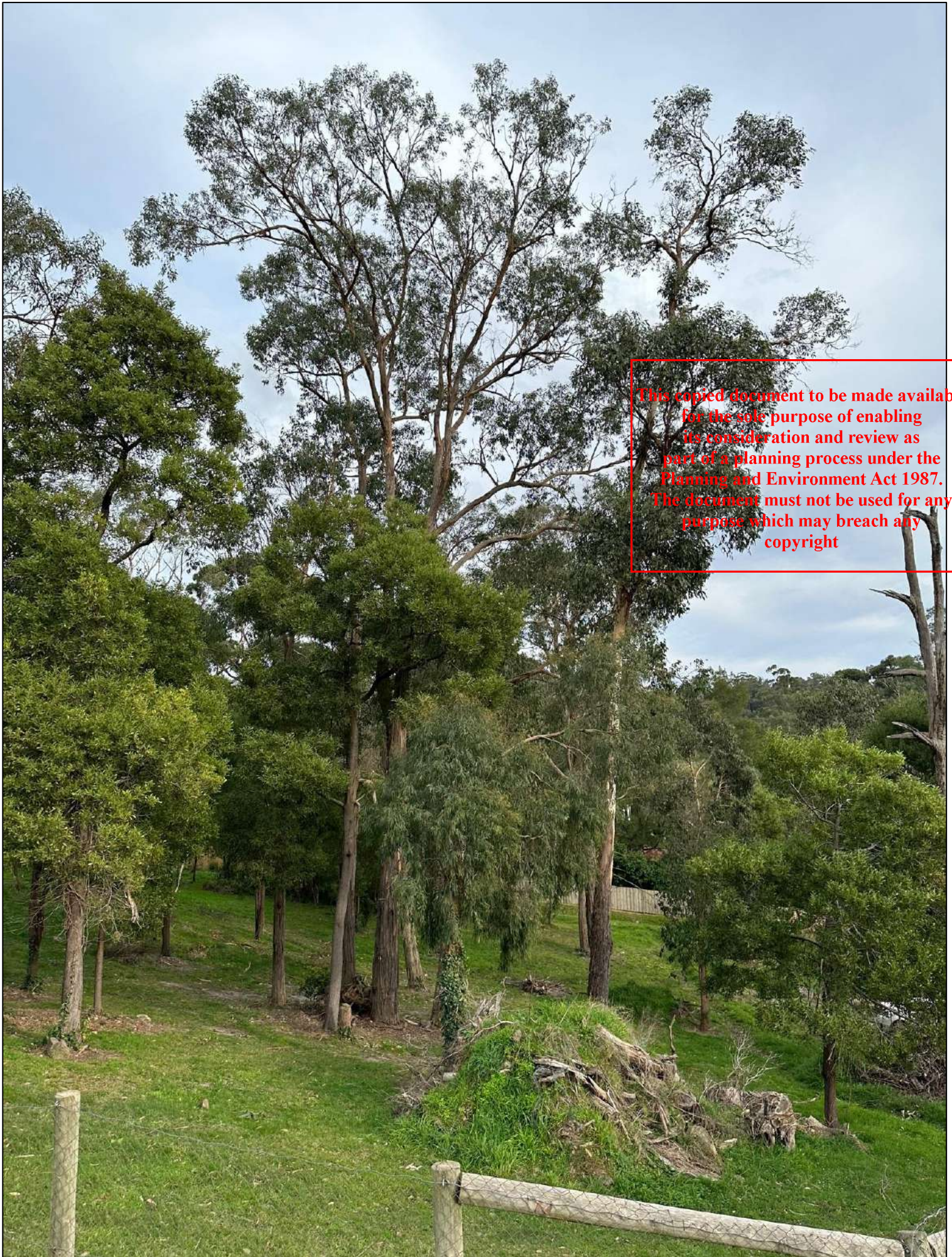
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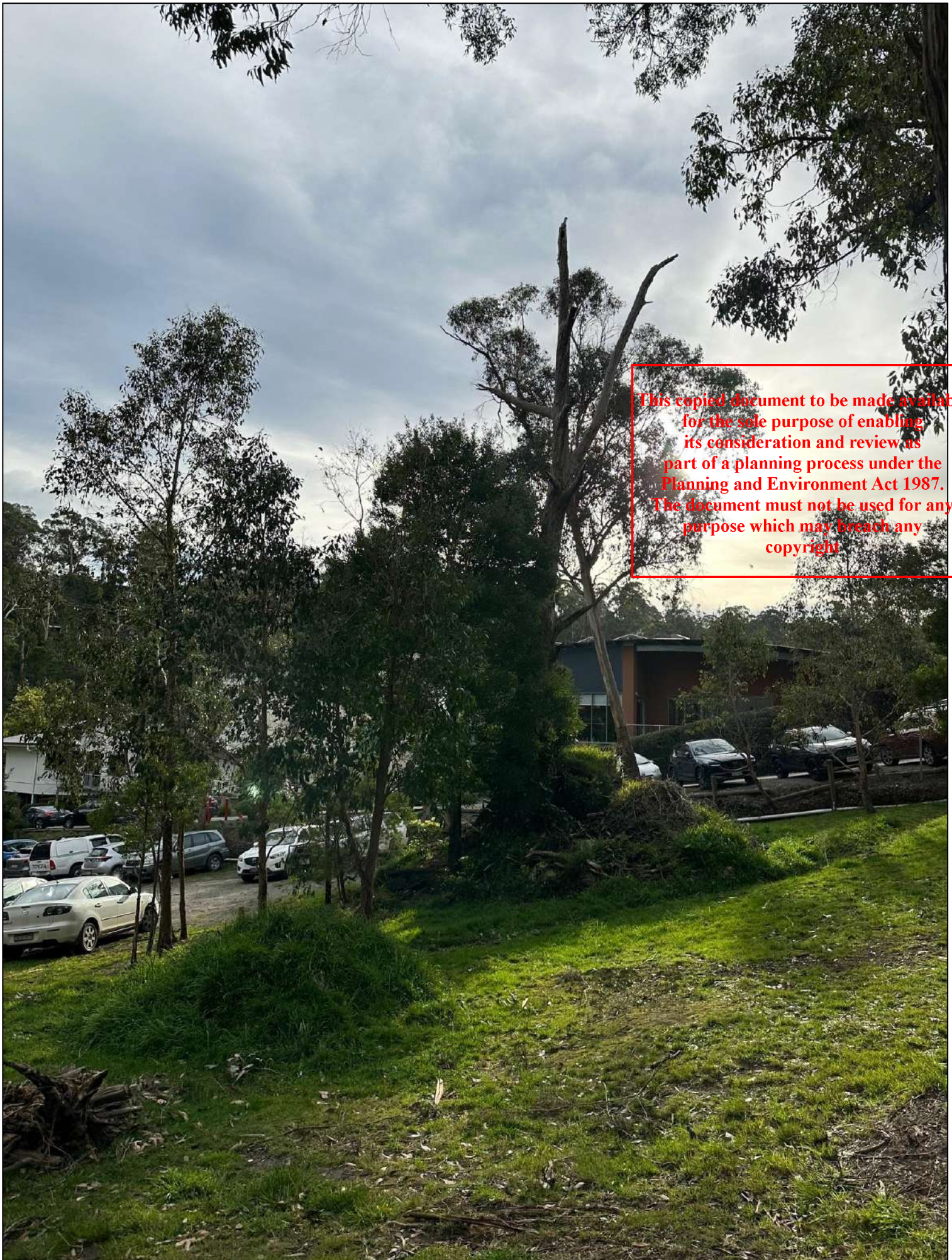
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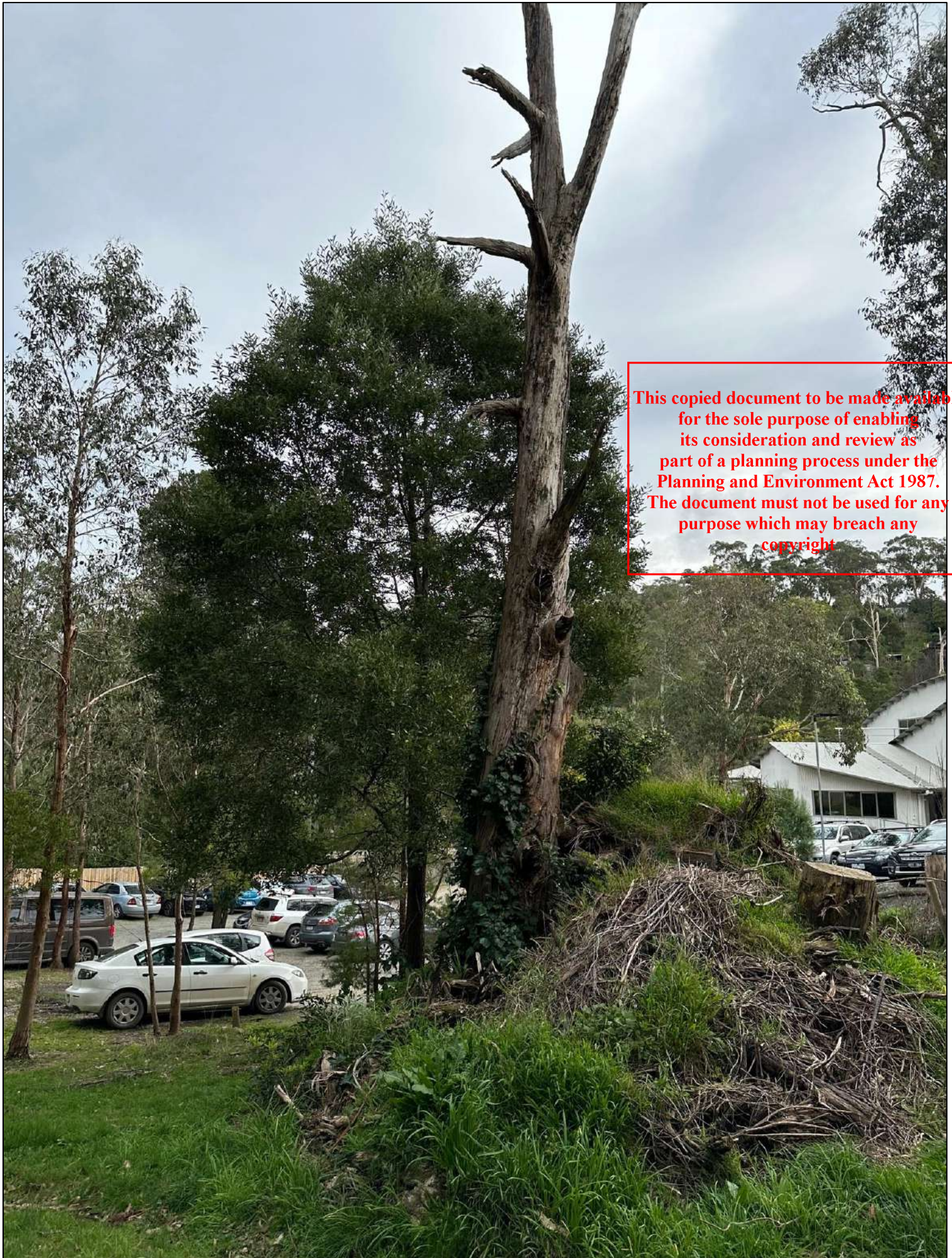
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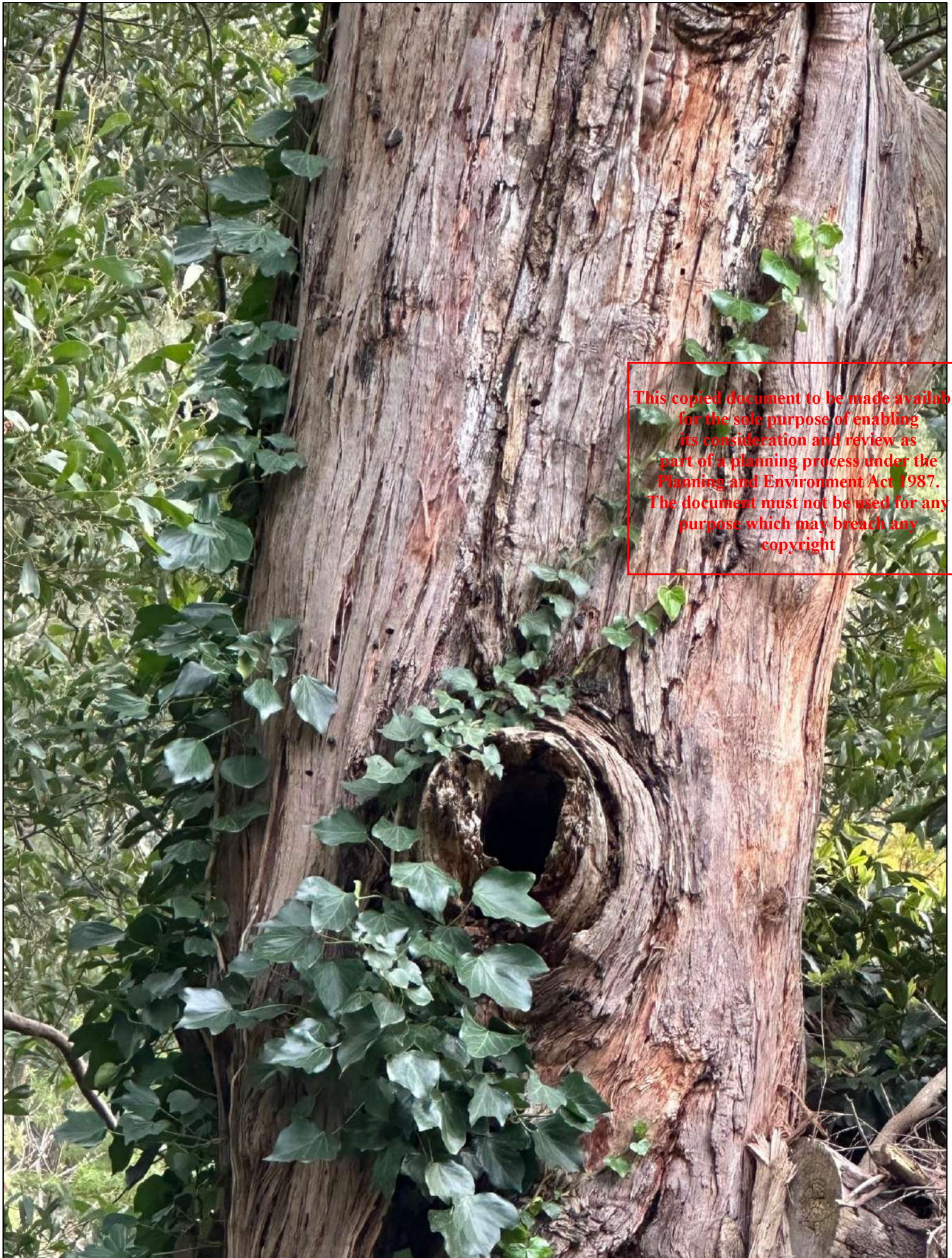
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11 Appendix II

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Species List from VQA

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Indigenous	
Scientific Name	Common Name
<i>Acacia melanoxylon</i>	Blackwood
<i>Acaena nova zelandiae</i>	Bidgy Widgy
<i>Carex appressa</i>	Tall Sedge
<i>Carex inversa</i>	Knob Sedge
<i>Dianella longifolia</i> var. <i>longifolia</i>	Pale Anther Flax Lily
<i>Dichondra repens</i>	Kidney Weed
<i>Epilobium billardioreanum</i>	Smooth Willow Herb
<i>Eucalyptus obliqua</i>	Messmate
<i>Eucalyptus radiata</i>	Narrow Leaf Peppermint
<i>Funaria hygrometrica</i>	Bonfire Moss
<i>Gahnia radula</i>	Thatch Saw Sedge
<i>Goodenia ovata</i>	Hop Goodenia
<i>Hypericum gramineum</i>	Small St. John's Wort
<i>Hypericum japonicum</i>	Matted St. John's Wort
<i>Isolepis cernua</i>	Slender Clubrush
<i>Juncus planifolius</i>	Flat Leaf Rush
<i>Juncus</i> sp.	Rush
<i>Kunzea</i> sp.	Burgan
<i>Lachnagrostis filiformis</i>	Blown Grass
<i>Lomandra longifolia</i>	Spiny Headed Mat Rush
<i>Lythrum hyssopifolium</i>	Lesser Loosestrife
<i>Microlaena stipoides</i>	Weeping Grass
<i>Ozothamnus ferrugineus</i>	Tree Everlasting Daisy
<i>Pandorea pandorana</i>	Wonga Vine
<i>Patersonia occidentalis</i>	Purple Flag
<i>Persicaria decipiens</i>	Slender Knotweed
<i>Poa ensiformis</i>	Purple Sheath Tussock Grass
<i>Rosulabryum billardierei</i>	Moss
<i>Schoenus apogon</i>	Bog Sedge

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<i>Senecio minimus</i>	Toothed Fireweed
<i>Senecio quadridentatus</i>	Cotton Fireweed
<i>Solanum aviculare</i>	Kangaroo Apple
<i>Viminaria juncea</i>	Golden Spray

Non-indigenous	
<i>Agapanthus praecox</i>	Agapanthus
<i>Allium triquetrum</i>	Angled Onion
<i>Avena barbata</i>	Slender Wild Oat
<i>Bellis perrenis</i>	English Daisy
<i>Bromus catharticus</i>	Prairie Grass
<i>Centaureum erythraea</i>	Common Century
<i>Cirsium vulgare</i>	Spear Thistle
<i>Cordyline stricta</i>	Slender Palm Lily
<i>Crataegus monogyna</i>	Hawthorn
<i>Cynodon dactylis</i>	Couch Grass
<i>Cyperus eragrostis</i>	Drain Sedge
<i>Dactylis glomeratus</i>	Cock's Foot
<i>Ehrharta erecta</i>	Panic Veldt Grass
<i>Erica lusitanica</i>	Spanish Heath
<i>Erigeron sp.</i>	Fleabane
<i>Euphorbia peplus</i>	Petty Spurge
<i>Gamochaeta americana</i>	American Everlasting
<i>Gamochaeta purpurea</i>	Purple Cudweed
<i>Genista monspessulana</i>	Montpellier Broom
<i>Geranium molle</i>	Dove Foot Crane's Bill
<i>Hedera sp.</i>	Ivy
<i>Hypericum tetrapterum</i>	Square Stemmed St. John's Wort
<i>Hypochaeris glabra</i>	Smooth Cat's Ear

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<i>Leontodon saxatilis</i>	Hairy Hawkesbit
<i>Lotus subbiflorus</i>	Hairy Bird's Foot Trefoil
<i>Lysimachia arvensis</i>	Scarlet Pimpernel
<i>Myosotus sylvatica</i>	Wood Forget Me Not
<i>Oxalis pes caprae</i>	Soursob
<i>Paspalum dilatatum</i>	Caterpillar Grass
<i>Pennisetum clandestinum</i>	Kikuyu
<i>Pinus radiata</i>	Monterey Pine
<i>Pittosporum undulatum</i>	Sweet Pittosporum
<i>Plantago coronopus</i>	Buck's Horn Plantain
<i>Plantago lanceolata</i>	Ribwort
<i>Plantago major</i>	Greater Plantain
<i>Poa annua</i>	Winter Grass
<i>Potentilla indica</i>	Mock Strawberry
<i>Prunella vulgaris</i>	Self Heal
<i>Ranunculus repens</i>	Creeping Buttercup
<i>Raphanus raphanistrum</i>	Wild Radish
<i>Romulea rosea</i>	Onion Grass
<i>Rubus sp.</i>	Blackberry Complex
<i>Rumex crispus</i>	Curled Dock
<i>Solanum Americanum</i>	American Black Nightshade
<i>Sonchus asper</i>	Prickly Sow Thistle
<i>Sonchus oleraceus</i>	Sow Thistle
<i>Symphiotrichum subulatum</i>	Annual Saltmarsh Aster
<i>Tradescantia fluminensis</i>	Wandering Trad
<i>Trifolium repens</i>	White Clover
<i>Zantedeschia aethiopica</i>	Arum Lily

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12 Appendix III

NVR Report

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Native Vegetation Removal Report

NVRR ID: 377_20240805_BM5

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 Guidelines). This report is **not an assessment by DEECA** 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.

Report details

Date created: 05/08/2024

Local Government Area: YARRA RANGES SHIRE

Shapefile name:

feature_class_patch_NVR.shp

feature_class_trees_NVR.shp

Site assessor name: Amanda Dare

Registered Aboriginal Party: Wurundjeri

Coordinates: 145.34482, -37.91941

Address:

244 MT MORTON ROAD BELGRAVE 3160

20 WATTLE VALLEY ROAD BELGRAVE 3160

Regulator Notes

Removal polygons are located:

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Summary of native vegetation to be removed

Assessment pathway	Detailed Assessment Pathway		
Location category	Location 3 Within this area, the removal of less than 0.5 hectares of native vegetation could have a significant impact on the habitat of one or more rare or threatened species. In such cases, a Species Offset will be required.		
Total extent including past and proposed removal (ha) <i>Includes endangered EVCs (ha): 0</i>	0.677	Extent of past removal (ha)	0
		Extent of proposed removal - Patches (ha)	0.132
		Extent of proposed removal - Scattered Trees (ha)	0.545
No. Large Trees proposed to be removed	2	No. Large Patch Trees	1
		No. Large Scattered Trees	1
No. Small Scattered Trees	74		

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Offset requirements if approval is granted

Any approval granted will include a condition to obtain an offset, before the removal of native vegetation, that meets the following requirements:

General Offset amount ¹	0.0460 General Habitat Units
Vicinity	Melbourne Water CMA or YARRA RANGES SHIRE LGA
Minimum strategic biodiversity value score ²	0.3395
Large Trees*	0
Species Offset amount	0.224 Species Habitat Units for Red-tip Greenhood, Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
Large Trees*	2
*The total number of Large Trees that the offset must protect	2 Large Trees to be protected in either the General, Species or combination across all habitat units protected

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 with mapped habitat at the site

Appendix 3 includes the following figures

- Location map
- Strategic Biodiversity Value map
- Condition map
- Endangered EVCs map
- Aerial photograph showing mapped native vegetation
- Property in context

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1. The General Offset amount required is the sum of all General Habitat Units in Appendix 1.

2. Minimum strategic biodiversity value score is 80 per cent of the weighted average score across habitat zones where a General Offset is required.

3. The Species Offset amount(s) required is the sum of all Species Habitat Units in Appendix 1.



• Habitat Importance maps

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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 approval from the responsible authority. The responsible authority will refer your application to DEECA for assessment, as required. **This report is not a referral assessment by DEECA.**

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

Refer to 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 as applicable.
- A defensible space statement as applicable.
- A statement about the Native Vegetation Precinct Plan (NVPP) 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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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 meets or exceeds the Species Offset threshold, a Species Offset is required. This test is completed for all species with mapped habitat 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 are calculated by the following equation in accordance with the Guidelines: ***Species Habitat Units = extent without overlap x condition score x species landscape factor x 2, where the species landscape factor = 0.5 + (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 are calculated by the following equation in accordance with the Guidelines: ***General Habitat Units = extent without overlap x condition score x general landscape factor x 1.5, where the general landscape factor = 0.5 + (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							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
1-a	Patch	-	HSF_0023	Least Concern	no	0.350	-	0.007	0.007	0.190	1.000	0.005	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
2-b	Patch	-	HSF_0023	Least Concern	no	0.350	-	0.032	0.032	0.190	1.000	0.023	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
3-c	Patch	-	HSF_0023	Least Concern	no	0.350	1	0.093	0.093	0.277	1.000	0.065	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
10-d	Scattered Tree	10	HSF_0023	Least Concern	no	0.200	-	0.031	0.006	0.190	-	0.001	General
11-e	Scattered Tree	13	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.190	-	0.000	General
116-at	Scattered Tree	30	HSF_0023	Least Concern	no	0.200	-	0.031	0.007	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
117-au	Scattered Tree	14	HSF_0023	Least Concern	no	0.200	-	0.031	0.003	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
12-f	Scattered Tree	45	HSF_0023	Least Concern	no	0.200	-	0.031	0.016	0.190	-	0.003	General
125-av	Scattered Tree	15	HSF_0023	Least Concern	no	0.200	-	0.031	0.024	0.481	1.000	0.009	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
126-aw	Scattered Tree	25	HSF_0023	Least Concern	no	0.200	-	0.031	0.007	0.313	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
13-g	Scattered Tree	20	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.190	-	0.000	General
132-ax	Scattered Tree	21	HSF_0023	Least Concern	no	0.200	-	0.031	0.013	0.190	1.000	0.005	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
133-ay	Scattered Tree	53	HSF_0023	Least Concern	no	0.200	-	0.031	0.004	0.387	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
134-az	Scattered Tree	29	HSF_0023	Least Concern	no	0.200	-	0.031	0.015	0.406	1.000	0.006	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
14-h	Scattered Tree	115	HSF_0023	Least Concern	no	0.200	1	0.070	0.061	0.190	1.000	0.024	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
144-ba	Scattered Tree	5	HSF_0023	Least Concern	no	0.200	-	0.031	0.010	0.500	-	0.002	General
145-bb	Scattered Tree	9	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.500	-	0.000	General
146-bc	Scattered Tree	9	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.500	-	0.000	General
147-bd	Scattered Tree	7	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.500	-	0.000	General

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
148-be	Scattered Tree	4	HSF_0023	Least Concern	no	0.200	-	0.031	0.005	0.386	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
149-bf	Scattered Tree	4	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.500	-	0.000	General
150-bg	Scattered Tree	12	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.500	-	0.000	General
151-bh	Scattered Tree	13	HSF_0023	Least Concern	no	0.200	-	0.031	0.009	0.500	-	0.002	General
152-bi	Scattered Tree	7	HSF_0023	Least Concern	no	0.200	-	0.031	0.005	0.500	-	0.001	General
153-bj	Scattered Tree	9	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.500	-	0.000	General
154-bk	Scattered Tree	7	HSF_0023	Least Concern	no	0.200	-	0.031	0.003	0.500	-	0.001	General
155-bl	Scattered Tree	6	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.394	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
156-bm	Scattered Tree	5	HSF_0023	Least Concern	no	0.200	-	0.031	0.003	0.399	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
175-bn	Scattered Tree	13	HSF_0023	Least Concern	no	0.200	-	0.031	0.014	0.500	-	0.003	General
176-bo	Scattered Tree	16	HSF_0023	Least Concern	no	0.200	-	0.031	0.021	0.500	-	0.005	General
226-bp	Scattered Tree	36	HSF_0023	Least Concern	no	0.200	-	0.031	0.017	0.500	-	0.004	General
23-i	Scattered Tree	20	HSF_0023	Least Concern	no	0.200	-	0.031	0.005	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
230-bq	Scattered Tree	13	HSF_0023	Least Concern	no	0.200	-	0.031	0.017	0.500	-	0.004	General
231-br	Scattered Tree	25	HSF_0023	Least Concern	no	0.200	-	0.031	0.007	0.500	-	0.002	General
232-bs	Scattered Tree	7	HSF_0023	Least Concern	no	0.200	-	0.031	0.004	0.500	-	0.001	General
233-bt	Scattered Tree	10	HSF_0023	Least Concern	no	0.200	-	0.031	0.006	0.500	-	0.001	General
234-bu	Scattered Tree	23	HSF_0023	Least Concern	no	0.200	-	0.031	0.008	0.500	-	0.002	General
235-bv	Scattered Tree	16	HSF_0023	Least Concern	no	0.200	-	0.031	0.008	0.500	-	0.002	General

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
24-j	Scattered Tree	16	HSF_0023	Least Concern	no	0.200	-	0.031	0.003	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
244-bw	Scattered Tree	20	HSF_0023	Least Concern	no	0.200	-	0.031	0.031	0.500	-	0.007	General
25-k	Scattered Tree	20	HSF_0023	Least Concern	no	0.200	-	0.031	0.003	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
26-l	Scattered Tree	9	HSF_0023	Least Concern	no	0.200	-	0.031	0.008	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
27-m	Scattered Tree	25	HSF_0023	Least Concern	no	0.200	-	0.031	0.024	0.190	1.000	0.010	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
28-n	Scattered Tree	26	HSF_0023	Least Concern	no	0.200	-	0.031	0.017	0.190	1.000	0.007	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
33-o	Scattered Tree	12	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.000	-	0.000	General
34-p	Scattered Tree	52	HSF_0023	Least Concern	no	0.200	-	0.031	0.000	0.000	-	0.000	General

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
35-q	Scattered Tree	32	HSF_0023	Least Concern	no	0.200	-	0.031	0.006	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
36-r	Scattered Tree	14	HSF_0023	Least Concern	no	0.200	-	0.031	0.008	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
37-s	Scattered Tree	55	HSF_0023	Least Concern	no	0.200	-	0.031	0.011	0.190	-	0.002	General
39-t	Scattered Tree	19	HSF_0023	Least Concern	no	0.200	-	0.031	0.005	0.190	-	0.001	General
40-u	Scattered Tree	12	HSF_0023	Least Concern	no	0.200	-	0.031	0.004	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
41-v	Scattered Tree	52	HSF_0023	Least Concern	no	0.200	-	0.031	0.014	0.190	-	0.002	General
55-w	Scattered Tree	45	HSF_0023	Least Concern	no	0.200	-	0.031	0.005	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
69-x	Scattered Tree	7	HSF_0023	Least Concern	no	0.200	-	0.031	0.002	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Species
7-a	Scattered Tree	18	HSF_0023	Least Concern	no	0.200	-	0.031	0.017	0.190	1.000	0.007	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
70-y	Scattered Tree	19	HSF_0023	Least Concern	no	0.200	-	0.031	0.003	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
74-z	Scattered Tree	20	HSF_0023	Least Concern	no	0.200	-	0.031	0.008	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
77-aa	Scattered Tree	10	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
78-ab	Scattered Tree	20	HSF_0023	Least Concern	no	0.200	-	0.031	0.004	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
79-ac	Scattered Tree	13	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
8-b	Scattered Tree	18	HSF_0023	Least Concern	no	0.200	-	0.031	0.015	0.190	1.000	0.006	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
80-ad	Scattered Tree	32	HSF_0023	Least Concern	no	0.200	-	0.031	0.002	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
81-ae	Scattered Tree	10	HSF_0023	Least Concern	no	0.200	-	0.031	0.006	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
82-af	Scattered Tree	9	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
83-ag	Scattered Tree	16	HSF_0023	Least Concern	no	0.200	-	0.031	0.002	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
84-ah	Scattered Tree	18	HSF_0023	Least Concern	no	0.200	-	0.031	0.002	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
85-ai	Scattered Tree	49	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
86-aj	Scattered Tree	21	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
87-ak	Scattered Tree	17	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
88-al	Scattered Tree	12	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
89-am	Scattered Tree	23	HSF_0023	Least Concern	no	0.200	-	0.031	0.005	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
9-c	Scattered Tree	53	HSF_0023	Least Concern	no	0.200	-	0.031	0.007	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
90-an	Scattered Tree	24	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
91-ao	Scattered Tree	10	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.000	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
92-ap	Scattered Tree	22	HSF_0023	Least Concern	no	0.200	-	0.031	0.001	0.190	1.000	0.001	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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Information provided by or on behalf of the applicant							Information calculated by NVR Map						
Zone	Type	DBH (cm)	EVC code	Bioregional conservation status	Partial Removal	Condition score	Large Tree(s)	Polygon extent (ha)	Extent without overlap (ha)	SBV score	HI Score	Habitat Units	Offset Type
94-aq	Scattered Tree	11	HSF_0023	Least Concern	no	0.200	-	0.031	0.008	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
95-ar	Scattered Tree	13	HSF_0023	Least Concern	no	0.200	-	0.031	0.004	0.190	1.000	0.002	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)
96-as	Scattered Tree	17	HSF_0023	Least Concern	no	0.200	-	0.031	0.007	0.190	1.000	0.003	Red-tip Greenhood Pterostylis sp. aff. parviflora (Southern Victoria) (505293)

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

This table identifies all rare or threatened species with mapped habitat at the site and the proportional impact associated with the proposed native vegetation removal.

Species common name	Species scientific name	Taxon ID	Conservation status	Group	Habitat impacted	Proportional impact (%)
Red-tip Greenhood	<i>Pterostylis</i> sp. aff. <i>parviflora</i> (Southern Victoria)	505293	Rare	Highly Localised Habitat	Habitat importance map	0.0230
Swamp Bush-pea	<i>Pultenaea weindorferi</i>	502881	Rare	Dispersed	Habitat importance map	0.0001
Wine-lipped Spider-orchid	<i>Caladenia oenochila</i>	503694	Vulnerable	Dispersed	Habitat importance map	0.0001
Dandenong Wattle	<i>Acacia stictophylla</i>	505140	Rare	Dispersed	Habitat importance map	0.0001
Grey Goshawk	<i>Accipiter novaehollandiae novaehollandiae</i>	10220	Vulnerable	Dispersed	Habitat importance map	0.0000
Powerful Owl	<i>Ninox strenua</i>	10248	Vulnerable	Dispersed	Habitat importance map	0.0000
Masked Owl	<i>Tyto novaehollandiae novaehollandiae</i>	10250	Endangered	Dispersed	Habitat importance map	0.0000
Sooty Owl	<i>Tyto tenebricosa tenebricosa</i>	10253	Vulnerable	Dispersed	Habitat importance map	0.0000
White-throated Needle-tail	<i>Hirundapus caudacutus</i>	10334	Vulnerable	Dispersed	Habitat importance map	0.0000
Greater Glider	<i>Petauroides volans</i>	11133	Vulnerable	Dispersed	Habitat importance map	0.0000

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Species common name	Species scientific name	Taxon ID	Conservation status	Group	Habitat impacted	Proportional impact (%)
Lace Monitor	Varanus varius	12283	Endangered	Dispersed	Habitat importance map	0.0000
Swamp Skink	Lissolepis coventryi	12407	Vulnerable	Dispersed	Habitat importance map	0.0000
Southern Toadlet	Pseudophryne semimarmorata	13125	Vulnerable	Dispersed	Habitat importance map	0.0000
Spurred Helmet-orchid	Corybas aconitiflorus	500835	Rare	Dispersed	Habitat importance map	0.0000
Clover Glycine	Glycine latrobeana	501456	Vulnerable	Dispersed	Habitat importance map	0.0000
Tufted Club-sedge	Isolepis wakefieldiana	501789	Rare	Dispersed	Habitat importance map	0.0000
Lacy Wedge-fern	Lindsaea microphylla	502015	Rare	Dispersed	Habitat importance map	0.0000
Rough Daisy-bush	Olearia asterotricha	502300	Rare	Dispersed	Habitat importance map	0.0000
Cobra Greenhood	Pterostylis grandiflora	502798	Rare	Dispersed	Habitat importance map	0.0000
Southern Xanthosia	Xanthosia tasmanica	504088	Rare	Dispersed	Habitat importance map	0.0000
Velvet Apple-berry	Billardiera scandens s.s.	504290	Rare	Dispersed	Habitat importance map	0.0000

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Species common name	Species scientific name	Taxon ID	Conservation status	Group	Habitat impacted	Proportional impact (%)
Strzelecki Gum	<i>Eucalyptus strzeleckii</i>	504558	Vulnerable	Dispersed	Habitat importance map	0.0000
Parsley Xanthosia	<i>Xanthosia leiophylla</i>	504562	Rare	Dispersed	Habitat importance map	0.0000
Green-striped Greenhood	<i>Pterostylis chlorogramma</i>	504728	Vulnerable	Dispersed	Habitat importance map	0.0000
Forest Phebalium	<i>Phebalium squamulosum</i> subsp. <i>squamulosum</i>	504817	Rare	Dispersed	Habitat importance map	0.0000
Winter Sun-orchid	<i>Thelymitra hiemalis</i>	505006	Endangered	Dispersed	Habitat importance map	0.0000
Large-leaf Cinnamon-wattle	<i>Acacia leprosa</i> var. <i>uninervia</i>	505141	Rare	Dispersed	Habitat importance map	0.0000
Green Scentbark	<i>Eucalyptus fulgens</i>	505175	Rare	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

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Habitat Group

- Highly localised habitat means there is 2,000 hectares or less mapped habitat for the species.
- Dispersed habitat means there is more than 2,000 hectares of mapped habitat for the species.

Habitat Impacted

The Species General Offset test, as described in Section 5.3.1 of the Guidelines, is used to determine if proposed native vegetation removal will result in a proportionally significant impact on the habitat value of rare or threatened species. The test is applied where the native vegetation proposed for removal:

- Intersects the Habitat Importance Map for a rare or threatened species; or
- Intersects the 'top ranking' modelled habitat for a rare or threatened species with dispersed habitat, as identified in its Top Ranking Habitat Importance Map.



Top Ranking Maps consist of the 2,000 hectares of habitat with the highest Habitat Importance Scores for each dispersed species. The 'Habitat impacted' column identifies whether the Habitat Importance Map or its Top Ranking Map was used to determine the proportional impact for a species with dispersed habitat.

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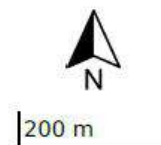
Appendix 3: Images of mapped native vegetation

1. Property in context



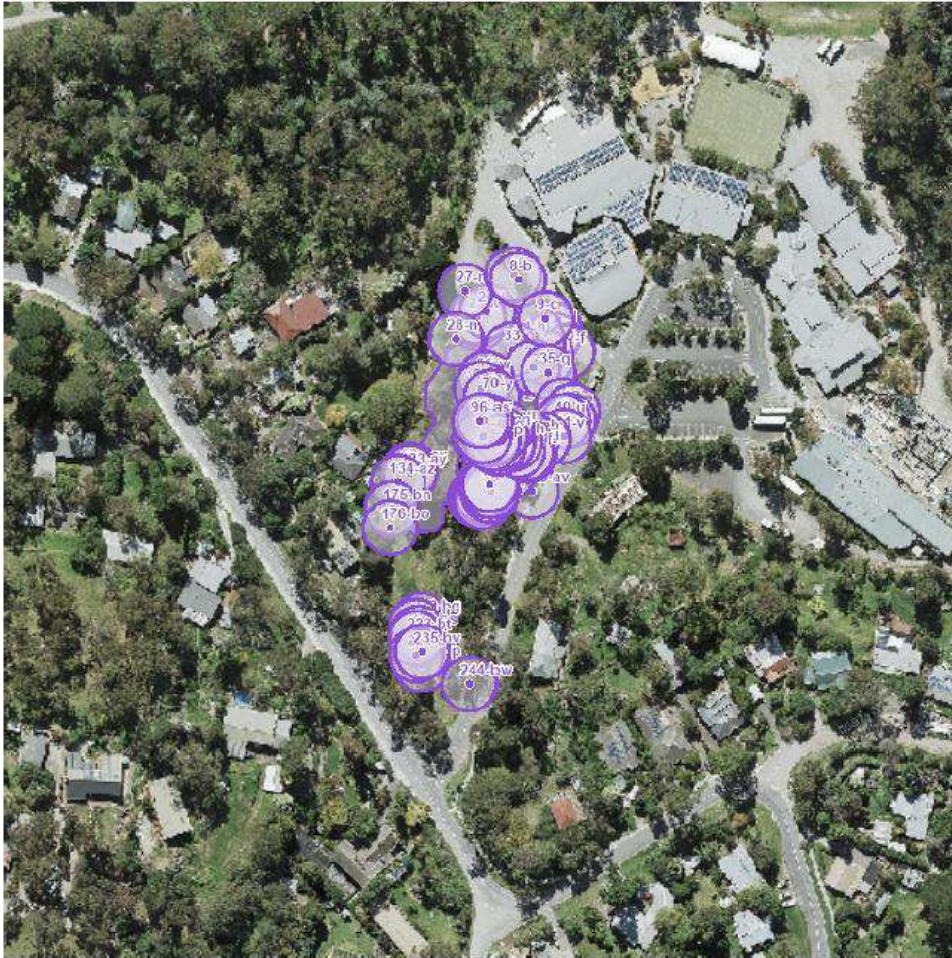
- Proposed Removal
- Past Removal
- Partial Removal
- Property Boundaries

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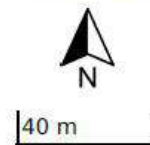


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2. Aerial photograph showing mapped native vegetation



- Proposed Removal
- Past Removal
- Partial Removal

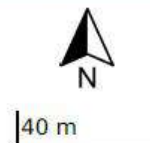


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3. Location Risk Map

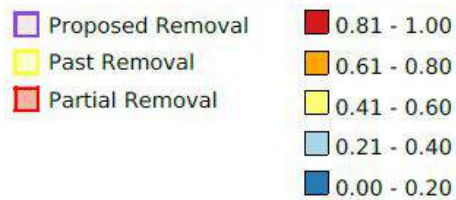
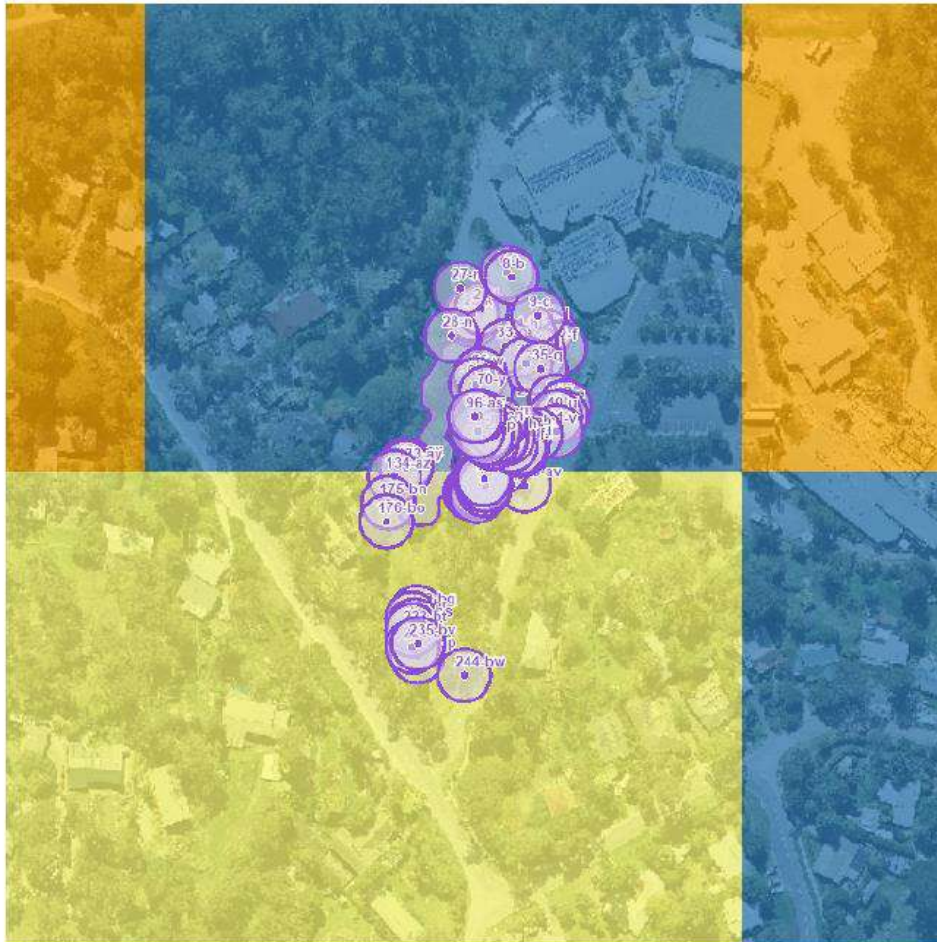


- | | |
|---|---|
| Proposed Removal | Location 1 |
| Past Removal | Location 2 |
| Partial Removal | Location 3 |



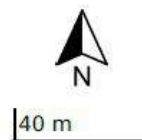
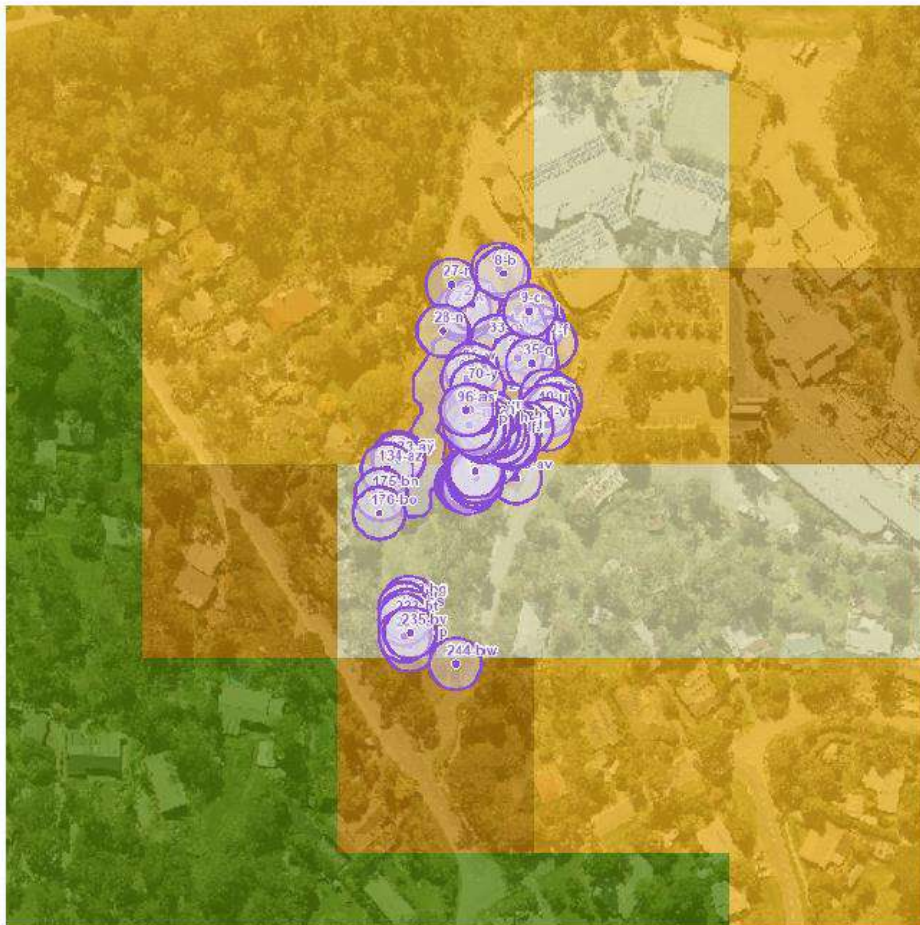
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4. Strategic Biodiversity Value Score Map



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5. Modelled Condition Score Map



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6. Modelled Endangered EVCs

Not Applicable

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7. Habitat Importance maps

Red-tip Greenhood
Pterostylis sp. aff. parviflora (Southern Victoria)
 505293



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13 Appendix IV

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Report of Available Native Vegetation Credits

Report of available native vegetation credits

This report lists native vegetation credits available to purchase through the Native Vegetation Credit Register.

This report is **not evidence** that an offset has been secured. An offset is only secured when the units have been purchased and allocated to a permit or other approval and an allocated credit extract is provided by the Native Vegetation Credit Register.

Date and time: 05/08/2024 01:02

Report ID: 25669

What was searched for?

General offset

General habitat units	Strategic biodiversity value	Large trees	Vicinity (Catchment Management Authority or Municipal district)	
0.046	0.3395	0	CMA	Melbourne Water
			or LGA	Yarra Ranges Shire

Details of available native vegetation credits on 05 August 2024 01:02

These sites meet your requirements for general offsets.

Credit Site ID	GHU	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
BBA-0277	2.315	443	Melbourne Water	Mornington Peninsula Shire	No	Yes	No	Abezco, Ethos, VegLink
BBA-0670	16.209	105	Melbourne Water	Cardinia Shire	No	Yes	No	Abezco, VegLink
BBA-0677	6.950	1411	Melbourne Water	Whittlesea City	No	Yes	No	Abezco, VegLink
BBA-0678	42.399	2589	Melbourne Water	Nillumbik Shire	No	Yes	No	VegLink
BBA-0678_02	0.562	58	Melbourne Water	Nillumbik Shire	No	Yes	No	Abezco, VegLink
BBA-2789	1.317	14	Melbourne Water	Baw Baw Shire	Yes	Yes	No	Contact NVOR
BBA-2790	2.911	116	Melbourne Water	Baw Baw Shire	Yes	Yes	No	Contact NVOR
BBA-2832	0.049	0	Melbourne Water	Nillumbik Shire	Yes	Yes	Yes	Nillumbik SC
BBA-2870	2.544	431	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink
BBA-2871	14.576	1650	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink
TFN-C1763_3	9.105	0	Melbourne Water	Mornington Peninsula Shire	Yes	Yes	No	Ecocentric, VegLink
VC_CFL-0838_01	0.184	648	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink
VC_CFL-3682_01	1.834	0	Melbourne Water	Nillumbik Shire	Yes	Yes	No	Abezco

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VC_CFL-3687_01	0.278	61	Melbourne Water	Baw Baw Shire	Yes	Yes	No	Baw Baw SC
VC_CFL-3708_01	0.193	492	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink
VC_CFL-3709_01	0.128	360	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink
VC_CFL-3710_01	6.300	322	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink
VC_CFL-3740_01	0.063	15	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	Bio Offsets
VC_CFL-3744_01	1.164	349	Melbourne Water	Macedon Ranges Shire	Yes	Yes	No	VegLink
VC_CFL-3762_01	0.046	76	Melbourne Water	Moorabool Shire	Yes	Yes	No	VegLink
VC_CFL-3764_01	5.124	0	Melbourne Water	Yarra Ranges Shire	Yes	Yes	No	VegLink

These sites meet your requirements using alternative arrangements for general offsets.

Credit Site ID	GHU	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
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There are no sites listed in the Native Vegetation Credit Register that meet your offset requirements when applying the alternative arrangements as listed in section 11.2 of the Guidelines for the removal, destruction or lopping of native vegetation.

These potential sites are not yet available, land owners may finalise them once a buyer is confirmed.

Credit Site ID	GHU	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
VC_CFL-3746_01	4.962	563	Melbourne Water	Macedon Ranges Shire	Yes	Yes	No	VegLink

LT - Large Trees

CMA - Catchment Management Authority

LGA - Municipal District or Local Government Authority

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Next steps

If applying for approval to remove native vegetation

Attach this report to an application to remove native vegetation as evidence that your offset requirement is currently available.

If you have approval to remove native vegetation

Below are the contact details for all brokers. Contact the broker(s) listed for the credit site(s) that meet your offset requirements. These are shown in the above tables. If more than one broker or site is listed, you should get more than one quote before deciding which offset to secure.

Broker contact details

Broker Abbreviation	Broker Name	Phone	Email	Website
Abezco	Abzeco Pty. Ltd.	(03) 9431 5444	offsets@abzeco.com.au	www.abzeco.com.au
Baw Baw SC	Baw Baw Shire Council	(03) 5624 2411	bawbaw@bawbawshire.vic.gov.au	www.bawbawshire.vic.gov.au
Bio Offsets	Biodiversity Offsets Victoria	0452 161 013	info@offsetsvictoria.com.au	www.offsetsvictoria.com.au
Contact NVOR	Native Vegetation Offset Register	136 186	nativevegetation.offsetregister@delwp.vic.gov.au	www.environment.vic.gov.au/native-vegetation
Ecocentric	Ecocentric Environmental Consulting	0410 564 139	ecocentric@me.com	Not available
Ethos	Ethos NRM Pty Ltd	(03) 5153 0037	offsets@ethosnrm.com.au	www.ethosnrm.com.au
Nilumbik SC	Nilumbik Shire Council	(03) 9433 3316	offsets@nilumbik.vic.gov.au	www.nilumbik.vic.gov.au
TFN	Trust for Nature	8631 5888	offsets@tfn.org.au	www.trustfornature.org.au
VegLink	Vegetation Link Pty Ltd	(03) 8578 4250 or 1300 834 546	offsets@vegetationlink.com.au	www.vegetationlink.com.au
Yarra Ranges SC	Yarra Ranges Shire Council	1300 368 333	biodiversityoffsets@yarraranges.vic.gov.au	www.yarraranges.vic.gov.au

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For more information contact the DEECA Customer Service Centre 136 186 or the Native Vegetation Credit Register at nativevegetation.offsetregister@delwp.vic.gov.au

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Obtaining this publication does not guarantee that the credits shown will be available in the Native Vegetation Credit Register either now or at a later time when a purchase of native vegetation credits is planned.

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

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Report of available native vegetation credits

This report lists native vegetation credits available to purchase through the Native Vegetation Credit Register.

This report is not evidence that an offset has been secured. An offset is only secured when the units have been purchased and allocated to a permit or other approval and an allocated credit extract is provided by the Native Vegetation Credit Register.

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Date and time: 05/08/2024 01:01

What was searched for?

Species offset

Common Name (<i>Scientific name</i>)	Species habitat units
Red-tip Greenhood (<i>Pterostylis sp. aff. parviflora (Southern Victoria)</i>)	0.224
with number of large trees	2

Details of available native vegetation credits on 05 August 2024 01:01

These sites meet all your requirements for species offsets.

Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
BBA-0670	74	Melbourne Water	Cardinia Shire	No	Yes	No	Abezco, VegLink
		Species common name	Species scientific name	SHU			
		Red-tip Greenhood	Pterostylis sp. aff. parviflora (Southern Victoria)	1.588			

Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
BBA-0678	119	Melbourne Water	Nillumbik Shire	No	Yes	No	VegLink
		Species common name	Species scientific name	SHU			
		Red-tip Greenhood	Pterostylis sp. aff. parviflora (Southern Victoria)	2.923			

These sites meet some of your requirements for species offsets, you may be able to meet all your requirements across multiple sites.

Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
----------------	----	-----	-----	------------	--------	-------------	-----------

There are no sites listed in the Native Vegetation Credit Register that meet some of your offset requirements.

These potential sites are not yet available, land owners may finalise them once a buyer is confirmed.

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Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
----------------	----	-----	-----	------------	--------	-------------	-----------

There are no potential sites listed in the Native Vegetation Credit Register that meet your offset requirements.

LT - Large Trees

CMA - Catchment Management Authority

LGA - Municipal District or Local Government Authority

Next steps

If applying for approval to remove native vegetation

Attach this report to an application to remove native vegetation as evidence that your offset requirement is currently available.

If you have approval to remove native vegetation

Below are the contact details for all brokers. Contact the broker(s) listed for the credit site(s) that meet your offset requirements. These are shown in the above tables. If more than one broker or site is listed, you should get more than one quote before deciding which offset to secure.

Broker contact details

Broker Abbreviation	Broker Name	Phone	Email	Website
Abzeco	Abzeco Pty. Ltd.	(03) 9431 5444	offsets@abzeco.com.au	www.abzeco.com.au
Baw Baw SC	Baw Baw Shire Council	(03) 5624 2411	bawbaw@bawbawshire.vic.gov.au	www.bawbawshire.vic.gov.au
Bio Offsets	Biodiversity Offsets Victoria	0452 161 013	info@offsetsvictoria.com.au	www.offsetsvictoria.com.au
Contact NVOR	Native Vegetation Offset Register	136 186	nativevegetation.offsetregister@delwp.vic.gov.au	www.environment.vic.gov.au/native-vegetation
Ecocentric	Ecocentric Environmental Consulting	0410 564 139	ecocentric@me.com	Not available
Ethos	Ethos NRM Pty Ltd	(03) 5153 0037	offsets@ethosnrm.com.au	www.ethosnrm.com.au
Nilumbik SC	Nilumbik Shire Council	(03) 9433 3316	offsets@nilumbik.vic.gov.au	www.nilumbik.vic.gov.au
TFN	Trust for Nature	8631 5888	offsets@tfn.org.au	www.trustfornature.org.au
VegLink	Vegetation Link Pty Ltd	(03) 8578 4250 or 1300 834 546	offsets@vegetationlink.com.au	www.vegetationlink.com.au
Yarra Ranges SC	Yarra Ranges Shire Council	1300 368 333	biodiversityoffsets@yarraranges.vic.gov.au	www.yarraranges.vic.gov.au

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For more information contact the DEECA Customer Service Centre 136 186 or the Native Vegetation Credit Register at nativevegetation.offsetregister@delwp.vic.gov.au

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Obtaining this publication does not guarantee that the credits shown will be available in the Native Vegetation Credit Register either now or at a later time when a purchase of native vegetation credits is planned.

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

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