



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 10545/2
Permit Holder:	Shire of Serpentine Jarrahdale
Duration of Permit:	From 18 October 2024 to 18 October 2035

ADVICE NOTE

Monetary contribution to the Offsets Fund

The monetary contribution to the Offsets Fund referred to in *condition 8* is intended to contribute towards the purchase and conservation, in perpetuity of *native vegetation* that provides high quality foraging habitat for forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*).

Rehabilitation offset

The *revegetation* offset referred to in *condition 9* is intended to facilitate the *rehabilitation* of 0.57 hectares of *native vegetation* within Lot 427 on Deposited Plan 202731, Oldbury, to provide 0.57 hectares of significant foraging habitat for forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*), 0.56 hectares of significant foraging habitat for Carnaby's cockatoo (*Zanda latirostris*), 0.56 hectares of native vegetation that is broadly representative of the *Beermullah Vegetation Complex*, 0.28 hectares of significant foraging habitat for Baudin's cockatoo (*Zanda baudinii*), and 0.09 hectares of *native vegetation* that is broadly representative of the *Corymbia calophylla – Xanthorrhoea preissii* woodlands and shrublands (*Corymbia* Woodlands) Threatened Ecological Community (TEC) on the Swan Coastal Plain.

The permit holder is authorised to clear *native vegetation* subject to the following conditions of this permit.

PART I – CLEARING AUTHORISED

1. Clearing authorised (purpose)

The permit holder is authorised to clear *native vegetation* for the purpose of road upgrades.

2. Land on which clearing is to be done

Orton Road reserve (PIN 11614497), Oldbury
 Orton Road reserve (PIN 11614499), Oakford
 Orton Road reserve (PIN 11753954), Oakford
 Orton Road reserve (PIN 11753955), Cardup
 Kowin Road reserve (PIN 1281806), Cardup

3. Clearing authorised

The permit holder must not clear more than 1.7 hectares of *native vegetation* within the area cross-hatched yellow in Figures 1 and 2 of Schedule 1.

4. Period during which clearing is authorised

The permit holder must not clear any *native vegetation* after 18 October 2029.

PART II – MANAGEMENT CONDITIONS**5. Avoid, minimise, and reduce impacts and extent of clearing**

In determining the *native vegetation* authorised to be cleared under this permit, the permit holder must apply the following principles, set out in descending order of preference:

- (a) avoid the *clearing of native vegetation*;
- (b) minimise the amount of *native vegetation* to be cleared; and
- (c) reduce the impact of *clearing* on any environmental value.

6. Weed and dieback management

When undertaking any *clearing* authorised under this permit, the permit holder must take the following measures to minimise the risk of introduction and spread of *weeds* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no known *dieback* or *weed*-affected soil, *mulch*, *fill*, or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

7. Directional clearing

The permit holder must:

- (a) conduct *clearing* activities in a slow, progressive manner towards adjacent *native vegetation*; and
- (b) allow a reasonable time for fauna present within the area being cleared to move into adjacent *native vegetation* ahead of the *clearing* activity.

8. Offset- monetary contributions to the Offsets Fund

Prior to undertaking any *clearing* authorised under this permit, and no later than 18 October 2029, the permit holder must provide documentary evidence to the *CEO* that funding of \$133,879.20 has been transferred to the Department of Water and Environmental Regulation for the purpose of acquisition, establishing or maintaining *native vegetation* as an environmental offset for the *clearing* activities authorised under this permit.

9. Offset - rehabilitation

- (a) Within 24 months of the commencement of *clearing* authorised under this permit and no later than 18 October 2030, the permit holder must *rehabilitate* 0.57 hectares of *native vegetation* within the area cross-hatched red in Figure 3 of Schedule 2.
- (b) The *rehabilitation* required under *condition* 9(a), must be undertaken to achieve the Completion Criteria set out under Table 3 of Schedule 3, including but not limited to the following:
 - (i) undertake *direct seeding* and *planting* at an *optimal time*, using species representative of the *Corymbia calophylla woodlands TEC*;
 - (ii) ensure only *local provenance* seeds and propagating material are used to *rehabilitate*;
 - (iii) implement hygiene protocols by cleaning earth-moving machinery of soil and vegetation prior to entering and leaving the *rehabilitation* area;
 - (iv) establish at least four 10 x 10 metre quadrat monitoring sites within the *rehabilitation* area;
 - (v) undertake *weed* control activities bi-annually until the Completion Criteria as per Table 3 of Schedule 3 has been met;
 - (vi) monitor quadrats specified in *condition* 9(b)(iv) annually until the Completion Criteria as per Table 3 of Schedule 3 has been met and maintained for a minimum of three years;
 - (vii) undertake remedial actions for the *rehabilitation* area where monitoring required under *condition* 9(b)(vii) indicates the Completion Criteria, outlined in Table 3 of Schedule 3, has not been met, including:
 - i. deliberately *planting* and/or *direct seeding native vegetation* that will result in the minimum targets specified in Table 3 of Schedule 3 (Completion Criteria);
 - ii. undertake further *weed* control activities; and
 - iii. continue monitoring of the *rehabilitated* area by an *environmental specialist*, until the Completion Criteria, outlined in Table 3 of Schedule 3 has been met.
 - (viii) where an *environmental specialist* has determined that the Completion Criteria, outlined in Table 3 of Schedule 3 has been met, that report is to be provided to the *CEO* within three months of the determination being made by the *environmental specialist*; and
 - (ix) where the *CEO* does not agree with the determination made under *condition* 9(ix), the *CEO* may require the permit holder to undertake remedial actions in accordance with the requirements under *condition* 9(viii) and repeat the actions under *condition* 9(ix).

10. Offset - conservation reserve

Prior to 18 October 2030, the permit holder shall provide to the *CEO* a copy of the executed change in reserve purpose of the area cross-hatched red in Figure 3 of Schedule 2, within Lot 427 on Deposited Plan 202731 (being a portion of Crown Reserve 36950), Oldbury, from 'Recreation' to 'Conservation'.

PART III - RECORD KEEPING AND REPORTING**11. Records that must be kept**

The permit holder must maintain records relating to the listed relevant matters in accordance with the specifications detailed in Table 1.

Table 1: Records that must be kept

No.	Relevant matter	Specifications
1.	In relation to the authorised clearing activities generally	<ul style="list-style-type: none"> (a) the species composition, structure, and density of the cleared area; (b) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to GDA2020, expressing the geographical coordinates in Eastings and Northings; (c) the date that the area was cleared; (d) direction of clearing; (e) the size of the area cleared (in hectares); (f) actions taken to avoid, minimise, and reduce the impacts and extent of clearing in accordance with condition 5; and (g) actions taken to minimise the risk of the introduction and spread of <i>weeds</i> and <i>dieback</i> in accordance with condition 6.
2.	In relation to the <i>rehabilitation</i> pursuant to <i>condition 9</i>	<ul style="list-style-type: none"> (a) a description of the <i>rehabilitation</i> activities undertaken, including <i>planted</i> species composition and density, and actions taken to implement watering and <i>weed</i> control; (b) the size of the area <i>rehabilitated</i>; (c) the date/s on which the <i>rehabilitation</i> was undertaken; (d) the boundaries of the area <i>rehabilitated</i>, recorded digitally as a shapefile; (e) a description of any remediation works undertaken, in accordance with <i>condition 9(b)(viii)</i>, and the reasons why they were required to be undertaken; (f) at least two photographs of the areas <i>rehabilitated</i> recorded annually;

		<ul style="list-style-type: none"> (g) results of annual monitoring against the completion criteria; (h) the date completion criteria were considered to have been met; and (i) a copy of the environmental specialist’s monitoring report and determination in accordance with <i>condition</i> 9(b)(ix).
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12. Reporting

- (a) The permit holder must provide to the *CEO* on or before 30 June of each calendar year, a written report containing:
 - (i) the records required under *condition* 11; and
 - (ii) records of activities done by the permit holder under this permit between 1 January and 31 December of the preceding calendar year.
- (b) If no clearing authorised under this permit has been undertaken, a written report confirming that no clearing under this permit has been carried out, must be provided to the *CEO* on or before 31 December of each calendar year.
- (c) The permit holder must provide to the *CEO*, no later than 90 calendar days prior to the expiry date of this permit, a written report of records required under *condition* 11, where these records have not already been provided under *condition* 12(a).

DEFINITIONS

In this permit, the terms in Table 2 below have their meanings defined.

Table 2: Definitions

Term	Definition
Beermullah vegetation complex	means a mixture of low open forest of <i>Casuarina obesa</i> (swamp sheoak) and open woodland of <i>Corymbia calophylla</i> (marri) - <i>Eucalyptus wandoo</i> (wandoo) - <i>Eucalyptus marginata</i> (jarrah). Minor components include closed scrub of <i>Melaleuca</i> species and occurrences of <i>Actinostrobus pyramidalis</i> (swamp cypress).
black cockatoo species	means one or more of the following species: (a) <i>Zanda lateriosis</i> (Carnaby’s cockatoo); (b) <i>Zanda baudinii</i> (Baudin’s cockatoo); and/or (c) <i>Calyptorhynchus banksii naso</i> (forest red-tailed black cockatoo).
CEO	Chief Executive Officer of the department responsible for the administration of the clearing provisions under the <i>Environmental Protection Act 1986</i> .
clearing	has the meaning given under section 3(1) of the EP Act.
condition	a condition to which this clearing permit is subject under section 51H of the EP Act.
<i>Corymbia calophylla</i> woodlands TEC	means the federally listed <i>Corymbia calophylla</i> – <i>Xanthorrhoea preissii</i> woodlands and shrublands (<i>Corymbia</i> Woodlands) Threatened Ecological Community (TEC) on the Swan Coastal Plain. This TEC includes the following dominant species - <i>Corymbia calophylla</i> , and occasionally <i>Eucalyptus wandoo</i> ; the shrubs <i>Xanthorrhoea preissii</i> , <i>Acacia pulchella</i> , <i>Banksia nivea</i> , <i>Gompholobium marginatum</i> , and <i>Hypocalymma angustifolia</i> ; and the herbs <i>Burchardia umbellata</i> ,

Term	Definition
	<i>Cyathochaeta avenacea</i> and <i>Neurachne allopecuroidea</i> .
direct seeding	means a method of re-establishing vegetation through establishment of a seed bed and the introduction of seeds of the desired plant species.
dieback	means the effect of <i>Phytophthora</i> species on native vegetation.
department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
environmental specialist	means a person who holds a tertiary qualification in environmental science or equivalent, and has a minimum of two (2) years work experience relevant to the type of environmental advice that an environmental specialist is required to provide under this permit, or who is approved by the CEO as a suitable environmental specialist.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
fill	means material used to increase the ground level, or to fill a depression.
local provenance	local provenance means native vegetation seeds and propagating material from natural sources within 50 kilometres and the same IBRA subregion of the area cleared.
mulch	means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation.
native vegetation	has the meaning given under section 3(1) and section 51A of the EP Act.
optimal time	means the period from April to July for undertaking <i>planting</i> and <i>direct seeding</i> .
planting	means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species.
rehabilitate/ed/ion	means actively managing an area containing native vegetation in order to improve the ecological function of that area.
weeds	means any plant – <ul style="list-style-type: none"> (a) that is a declared pest under section 22 of the <i>Biosecurity and Agriculture Management Act 2007</i>; or (b) published in a Department of Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or (c) not indigenous to the area concerned.

END OF CONDITIONS

Meenu Vitarana

MANAGER

NATIVE VEGETATION REGULATION

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

19 December 2024

Schedule 1

The boundary of the area authorised to be cleared is shown in the maps below (Figures 1 and 2).

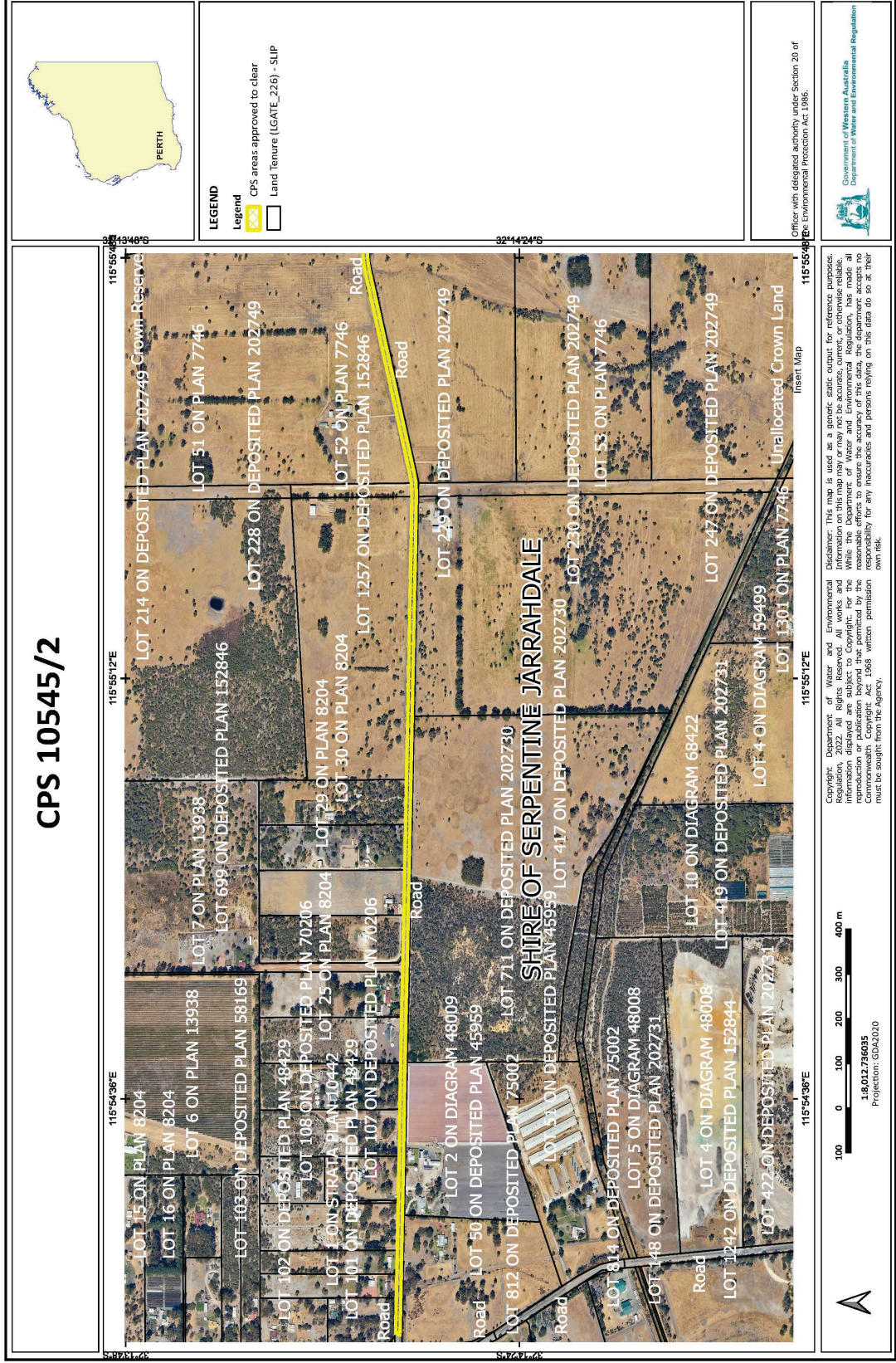
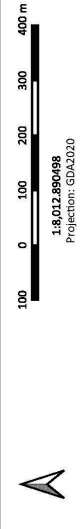
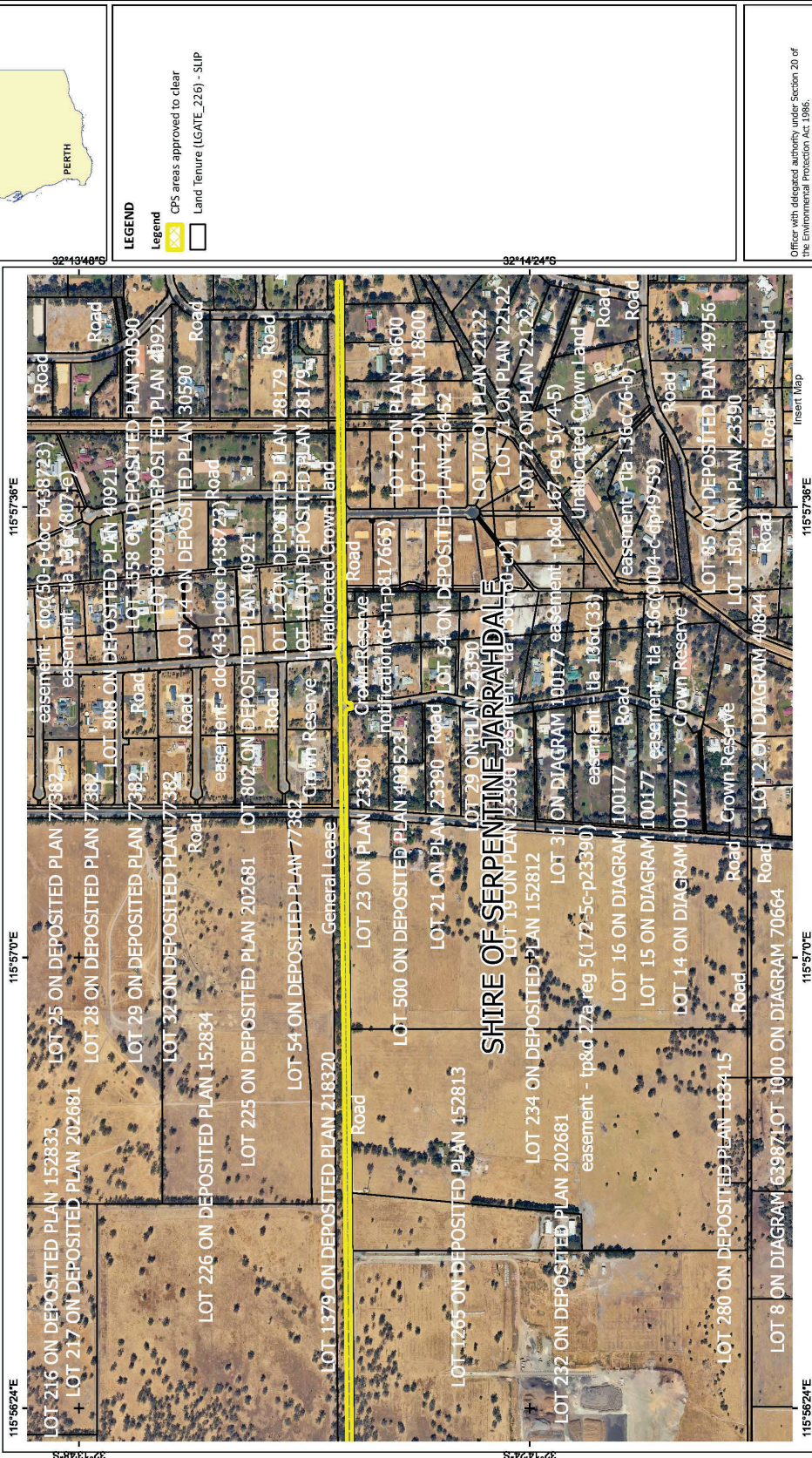
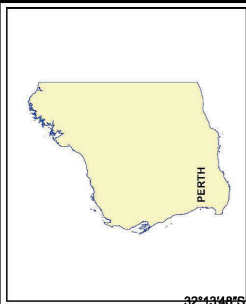


Figure 1: Map of the boundary of the area within which clearing may occur

CPS 10545/2



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LEGEND
 Legend
 CPS areas approved to clear
 Land Tenure (LGATE, 226) - SLIP

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986.



Figure 2: Map of the boundary of the area within which clearing may occur

Schedule 2

The boundary of the area designated as an offset site is shown in the map below (Figure 3).

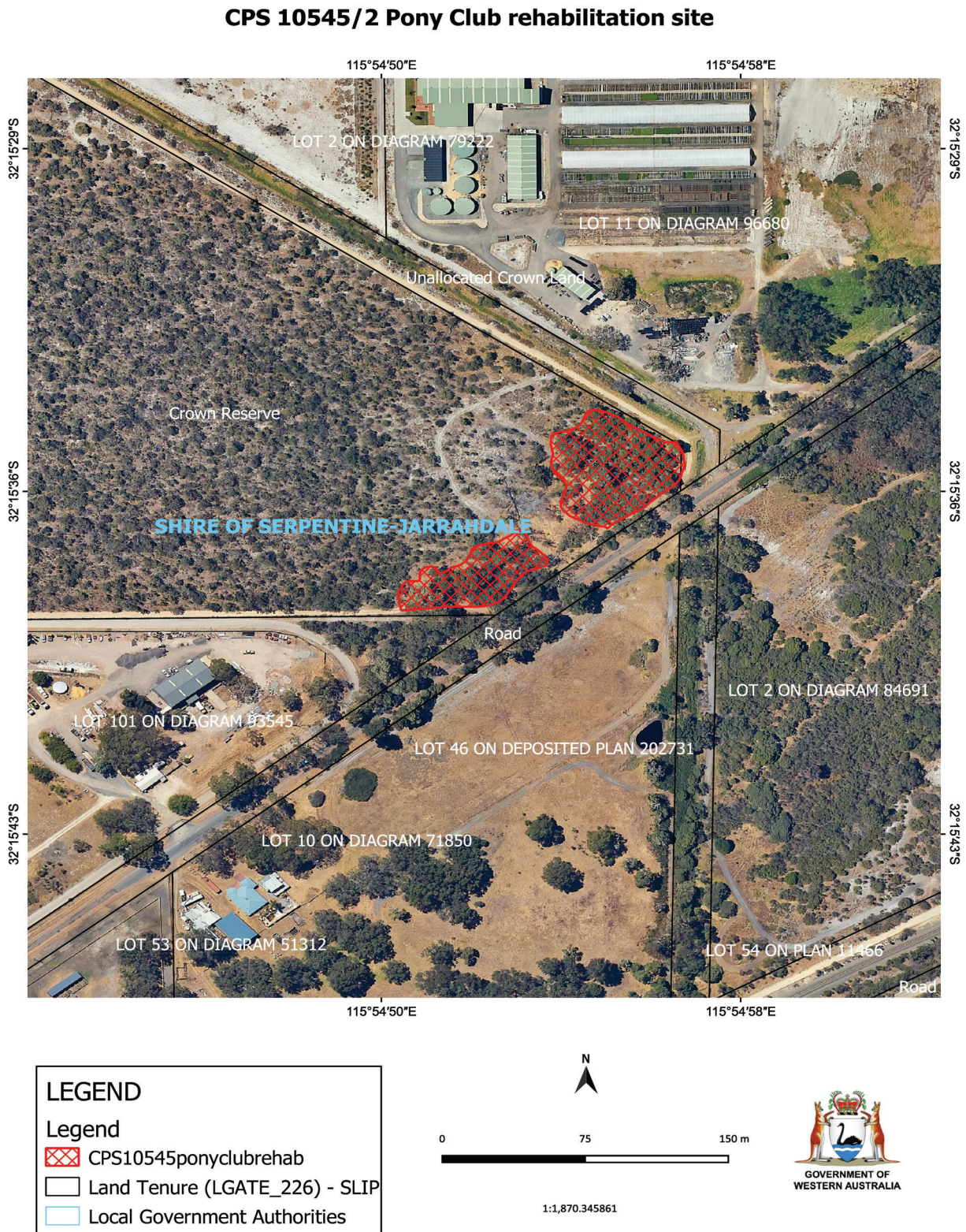


Figure 3: Offset area required to be rehabilitated and placed under a conservation reserve, in accordance with *condition 9* and *condition 10* of this permit.

Schedule 3

Table 3: Completion criteria for the *rehabilitation* with the areas cross hatched red in Figure 3 of Schedule 2.

Aspect	Completion Criteria	Monitoring
Survival rate to be achieved	The <i>rehabilitation</i> site must ensure a survival rate of at least 70 per cent of the seedlings initially planted.	The species in the <i>rehabilitation</i> area, will be counted annually by an <i>environmental specialist</i> in spring for a minimum of three years after the last year plants were established.
Vegetation Structure	Vegetation in the <i>rehabilitation</i> area must include native vegetation that is broadly representative of the <i>Corymbia calophylla</i> woodlands TEC, by establishing understorey and midstorey species and providing conditions suitable for expanding remnant understorey species across the site.	The structure is to be assessed annually by an <i>environmental specialist</i> in spring for a minimum of three years after the last year plants were established.
Black cockatoo	Vegetation in the <i>rehabilitation</i> site must contain native foraging species for <i>black cockatoo</i> species.	Assessed annually by an <i>environmental specialist</i> in spring for a minimum of three years after the last year plants were established.
Percentage of <i>weeds</i> present	Weed coverage within the <i>rehabilitation</i> site to have no more than 15 per cent <i>weed</i> coverage. No Weeds of National Significance (WoNS) within the <i>rehabilitation</i> site.	Monitor the <i>rehabilitation</i> site for <i>weeds</i> by quadrates annually in spring for a minimum of three years after the last year plants were established.
Patch size of bare ground	The <i>rehabilitation</i> area has no more than 5 per cent of bare ground.	The patch size of bare ground is to be assessed annually by an <i>environmental specialist</i> in spring for a minimum of three years after the last year plants were established.
Declared weeds	No Declared Weeds under the <i>Biosecurity and Agricultural Management Act 2007</i> present.	Monitor the <i>rehabilitation</i> site for Declared weeds by quadrates biannually in autumn and spring for a minimum of three years after the last year plants were established.
Boundary Fence	Gates and boundary fence of <i>rehabilitation</i> area must be in good condition with no clear damage that will enable access by the general public, kangaroos or livestock.	Annually until completion criteria has been met.



Clearing Permit Decision Report

1. Application details and outcome

1.1. Permit application details

Permit number:	CPS 10545/2
Permit type:	Purpose permit
Applicant name:	Shire of Serpentine Jarrahdale
Application received:	5 March 2024
Application area:	1.7 hectares
Purpose of clearing:	Upgrades to Orton Road
Method of clearing:	Mechanical
Property:	Orton Road reserve (PINs 11614497, 11614499, 11753954 and 11753955) Kowin Court Road reserve (PIN 1281806)
Location (LGA area/s):	Shire of Serpentine Jarrahdale
Localities (suburb/s):	Oakford, Oldbury and Cardup

1.2. Decision on application and key considerations

Decision:	Granted
Decision date:	19 December 2024
Decision area:	1.7 hectares of native vegetation

1.3. Reasons for decision

An administrative amendment to Clearing Permit CPS 10545/1 has been made to correct condition 10.

The condition has been updated to require a change in reserve purpose of the offset site from 'Recreation' to 'Conservation' to ensure conservation of the site in perpetuity, rather than requiring a conservation covenant under the *Soil and Land Conservation Act 1954*. This is noting that the tenure pathway for a conservation covenant on Crown Land is much more complicated and ultimately may not be achievable.

The difference in required conservation tenure for the proposed offset site does not have the effect of resulting in any changes to the WA Offset Calculator values used, or on the adequacy of the offset provided to counterbalance the significant residual impacts of clearing.

Therefore, the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 10545/1.

1.4. Relevant planning instruments and other matters

The assessment against planning instruments and other matters has not changed and can be found in Clearing Permit Decision Report CPS 10545/1.