



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

### PERMIT DETAILS

Area Permit Number: 7233/1

File Number: DER 2015/001400

Duration of Permit: From 29 October 2016 to 29 October 2018

### PERMIT HOLDER

Shire of Boyup Brook.

### LAND ON WHICH CLEARING IS TO BE DONE

Boyup Brook – Cranbrook Road reserve (PINs 11600316, 11600265, 11600264, 11600269, 11600268 and 11600272).

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 30 native trees within the areas cross hatched yellow on attached Plan 7233/1.

### CONDITIONS

Nil.

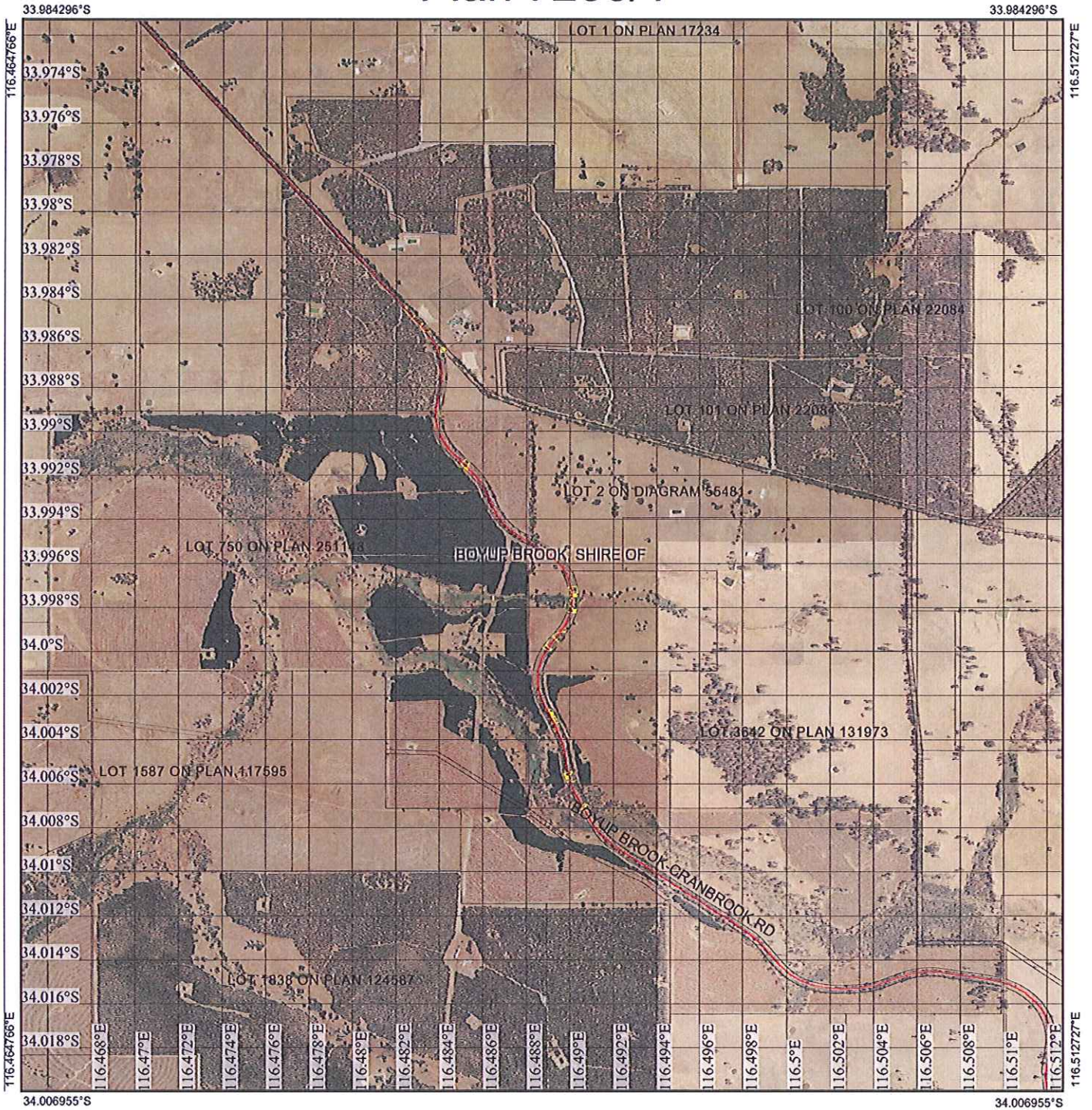
James Widenbar  
MANAGER  
CLEARING REGULATION

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

29 September 2016



# Plan 7233/1



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



1:23,469

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*[Signature]* Date *29/9/16*

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



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## 1. Application details

### 1.1. Permit application details

Permit application No.: 7233/1  
Permit type: Area Permit

### 1.2. Applicant details

Applicant's name: Shire of Boyup Brook

### 1.3. Property details

Property: ROAD RESERVE - 11600272, MAYANUP  
ROAD RESERVE - 11600268, MAYANUP  
ROAD RESERVE - 11600269, MAYANUP  
ROAD RESERVE - 11600264, MAYANUP  
ROAD RESERVE - 11600265, MAYANUP  
ROAD RESERVE - 11600316, MAYANUP  
BOYUP BROOK, SHIRE OF

### Local Government Authority:

DER Region: Greater Swan  
DPaW District: DONNELLY  
Localities: MAYANUP

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	30	Mechanical Removal	Road construction or upgrades

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 29 September 2016

Reasons for Decision: The clearing permit application received on 17 August 2016 has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is at variance to clearing Principle (f) and not likely to be at variance to the remaining clearing principles.

The Delegated Officer noted that the application area contains eight Flooded Gums growing in association with two mapped minor watercourses. Given the limited number of Flooded Gums, the Delegated Officer determined that the proposed clearing is unlikely to have a significant impact upon the mapped watercourses.

Through assessment it was identified that eight trees had potential to be considered black cockatoo breeding habitat and there was evidence of black cockatoo foraging within the application area. However, given that no trees contained hollows and the presence of similar or better quality habitat available nearby within the Tone-Perup Nature Reserve, the Delegated Officer considers that the application area does not contain significant black cockatoo habitat.

The Delegated Officer determined that the clearing is unlikely to have any significant environmental impacts. State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

## 2. Site Information

### 2.1. Existing environment and information

#### 2.1.1. Description of the native vegetation under application

#### Vegetation Description

Mattiske vegetation KU2, NWg2 and NWf2 complexes consist of (Mattiske and Havel, 1998):

- KU2: Open forest of *Eucalyptus marginata* subsp. *marginata*-*Corymbia calophylla* with some *Eucalyptus wandoo* and occasional *Eucalyptus astringens* fs24 (near breakaways) over *Acacia microbotrya* on undulating uplands in the semiarid zone.

#### Clearing Description

The applicant proposes to clear 30 native trees from within the Boyup Brook - Cranbrook Road reserve, to allow for road widening and associated drainage.

#### Vegetation Condition

Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).

- NWg2: Woodland of *Eucalyptus marginata* subsp. *marginata*-*Corymbia calophylla* on slopes, open heath on shallow soils near granites, open forest of *Eucalyptus rudis*-*Eucalyptus wandoo* on steeper slopes and valley floors in the semiarid zone.
- NWf2: Woodland of *Eucalyptus rudis*-*Eucalyptus patens* with occasional *Eucalyptus wandoo* on footslopes on valley slopes in the semiarid zone.

Beard vegetation association 992 is described as medium forest; jarrah & wandoo (*Eucalyptus wandoo*) (Shepherd et al., 2001).

### 3. Assessment of application against clearing principles

<b>Comments</b>	<p>The application is to clear 30 native trees within Boyup Brook - Cranbrook Road reserve (PINs 11600316, 11600265, 11600264, 11600269, 11600268 and 11600272), Mayanup, for the purpose of road widening.</p> <p>A Black Cockatoo Habitat Assessment (the Assessment) was undertaken to supplement the clearing permit application (Harewood, 2016). The term black cockatoos collectively refers to Baudin's cockatoo (<i>Calyptorhynchus baudinii</i>), Carnaby's cockatoo (<i>Calyptorhynchus latirostris</i>) and forest red-tailed black cockatoo (<i>Calyptorhynchus banksii naso</i>). The Assessment included a review of all 30 trees proposed for clearing, of which eight trees have the potential to be considered black cockatoo breeding habitat (diameter at breast height (DBH) of greater than 50 centimetres or DBH of greater than 30 centimetres for Wandoo). The Assessment identified that none of these potential habitat trees appeared to contain hollows of any size and as such don't currently provide breeding habitat for black cockatoos. Furthermore no other trees within the application area appeared to be in current use as roosting habitat. Evidence of black cockatoos utilising the application area for foraging was identified, however, given the presence of similar or better quality habitat available nearby within the Tone-Perup Nature Reserve, the application area is not considered to contain significant foraging habitat.</p> <p>A total of eight Flooded Gums, identified during the Assessment will be removed as part of this proposal. These trees are mapped within the boundaries of two minor streams that flow through the application area. As such, the proposed clearing is considered at variance to clearing Principle (f). However due to the limited number of trees and the regional context of the streams, the proposal is not considered to result in significant impact upon the watercourse values.</p> <p>Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, land degradation, impacts to conservation areas, surface water quality, groundwater quality, and flooding. Noting the size and condition of the application area the assessment has found that the proposed clearing is not likely to be at variance to the remaining clearing principles.</p> <p>The application was advertised in <i>The West Australian</i> newspaper on 12 September 2016 by the Department of Environment Regulation inviting submissions from the public within a 7 day period. No submissions were received in relation to this application.</p>
<b>Methodology</b>	<p>References: Harewood (2016).</p> <p>GIS datasets: Hydrography linear Parks and Wildlife Tenure SAC Bio datasets accessed August 2016 Pre-European Vegetation July16_TPFL July16_WAHerb</p>

### 4. References

- Harewood, G. (2016) Black Cockatoo Habitat Assessment of Proposed Clearing Areas Boyup Brook - Cranbrook Road. Shire of Boyup Brook (DER Ref:A1149481).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment Australia.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.