



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 7087/1
<b>Permit Holder:</b>	Shire of Chittering
<b>Duration of Permit:</b>	3 September 2016 – 3 September 2021

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

- 1. Purpose for which clearing may be done**  
Clearing for the purpose of road construction and widening.
- 2. Land on which clearing is to be done**  
Wandena Road reserve (PINs 1239276, 1239275, 11727277, 11727279), Muchea, Bullsbrook and Lower Chittering
- 3. Area of Clearing**  
The Permit Holder must not clear more than 0.35 hectares of native vegetation within the area hatched yellow on attached Plan 7087/1.
- 4. Application**  
This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.
- 5. Type of clearing authorised**  
This Permit authorises the Permit Holder to clear native vegetation for the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

A handwritten signature in black ink, appearing to read "James Widenbar".

James Widenbar  
MANAGER  
CLEARING REGULATION

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

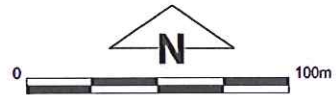
4 August 2016

# Plan 7087/1



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:2,735

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*James Widenbar* Date *4/8/2016*  
 James Widenbar

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



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 WESTERN AUSTRALIA  
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## 1. Application details

### 1.1. Permit application details

Permit application No.: 7087/1  
Permit type: Purpose Permit

### 1.2. Applicant details

Applicant's name: Shire of Chittering

### 1.3. Property details

Property: Road Reserve - 11727279, Lower Chittering  
Road Reserve - 11727277, Bullsbrook  
Road Reserve - 1239276, Muchea  
Road Reserve - 1239275, Lower Chittering

Colloquial name: Wandena Road  
Local Government Authority: Shire of Chittering  
DER Region: Greater Swan  
DPaW District: Perth Hills

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Granted  
Decision Date: 4 August 2016  
Reasons for Decision: The applicant has applied to clear 0.35 hectares of native vegetation for the purpose of road construction and upgrades.

The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act, 1986*, and it has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

Through assessment 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	Clearing Description	Vegetation Condition	Comment
The application area is mapped as Beard Vegetation Association 4 which is described as medium woodland; marri and wandoo (Shepherd et al., 2001).	The application is to clear 0.35 hectares of native vegetation for the purpose of road construction and upgrades within Wandena Road reserve in Muchea, Bullsbrook and Lower Chittering in the Shire of Chittering.	Degraded: Structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management (Keighery, 1994).	The condition of the vegetation under application was determined via a site inspection on 12 July 2016 by Department of Environment Regulation officers (DER, 2016).
The application area is also mapped as two Mattiske Vegetation Complexes:		To:	The application area consists of a thin strip of native vegetation consisting of marri ( <i>Corymbia calophylla</i> ) with some scattered wandoo ( <i>Eucalyptus wandoo</i> ) in the upper slope with an understorey of sedges, <i>Acacia</i> sp., <i>Hibbertia</i> sp., <i>Hovea</i> sp., <i>Xanthorrhoea preissii</i> and other native shrubs on brown loam with gravel. The majority of the application area is considered to be in a degraded (Keighery, 1994) condition with a small patch occurring in good (Keighery, 1994) condition (DER, 2016).
Co Complex consists of a mixture of low open forest and low woodland of <i>Eucalyptus tottiana</i> - <i>Banksia attenuata</i> - <i>Banksia menziesii</i> - <i>Banksia ilifolia</i> with mixtures of <i>Banksia prionotes</i> and open woodland of <i>Corymbia calyophylla</i> - <i>Banksia</i> sp. in arid zone (Mattiske and Havel, 1998); and		Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994).	
Re Complex consists of a mixture of low open woodland of <i>Banksia</i> spp.- <i>Eucalyptus tottiana</i> to closed heath of Myrtaceae-Proteaceae spp. depending on depth of soils (Mattiske and Havel, 1998).			

### 3. Assessment of application against clearing principles

**Comments** The application to clear up to 0.35 hectares of native vegetation for the purpose of road construction and upgrades is unlikely to have any significant environmental impacts. The application area consists of a thin strip of native vegetation consisting of marri (*Corymbia calophylla*) with some scattered wandoo (*Eucalyptus wandoo*) in the upper slope with an understorey of sedges, *Acacia* sp., *Hibbertia* sp., *Hovea* sp., *Xanthorrhoea preissii* and other native shrubs on brown loam with gravel soils. The majority of the application area is considered to be in a degraded (Keighery, 1994) condition with a small patch occurring in good (Keighery, 1994) condition (DER, 2016). Areas in degraded (Keighery, 1994) condition have an understorey of predominately grassy weeds (DER, 2016).

The application area is within a confirmed Carnaby's cockatoo (*Calyptorhynchus latirostris*) (classed as rare under the *Wildlife Conservation Act 1950*) breeding zone. The roadsides consist of marri which is a major food source and Carnaby's cockatoos may use these roadside marri trees for foraging. However, given the relatively small area of proposed clearing (0.35 hectares) it is not likely for the application area to contain significant foraging habitat for this species. The marri trees did not contain any suitable nesting hollows for Carnaby's cockatoos (DER, 2016).

The area under application is mapped as Beard vegetation association 4 which retains 18 per cent of its pre-European extent (Government of Western Australia 2015). Although the vegetation association is highly cleared, given the predominantly degraded (Keighery, 1994) condition of the vegetation, it is not considered to be consistent with the mapped vegetation association. Given this and the size of the application area, the proposed clearing is not likely to be considered a significant remnant.

Given the predominantly degraded (Keighery, 1994) condition of the vegetation, lack of hollow bearing trees and size of the application area, the proposed clearing is not likely to impact on rare or priority flora, a priority or threatened ecological community, conservation reserves within the local area or comprise significant habitat for fauna.

No wetlands or watercourses are mapped within the application area and given the linear nature of the proposed clearing it is not considered likely to impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water or to cause or exacerbate flooding.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing principles.

#### Methodology

##### References:

- DER (2016)
- Keighery (1994)
- Government of Western Australia (2015)

##### GIS Databases:

- Hydrography, linear
- Parks and Wildlife tenure
- SAC bio datasets accessed 12 July 2016
- Pre-European vegetation
- Carnaby's cockatoo breeding zones confirmed

#### Planning instruments and other relevant matters.

**Comments** The applicant proposes to clear 0.35 hectares of native vegetation for the purpose of road construction and upgrades within Wandena Road reserve in Muchea, Bullsbrook and Lower Chittering.

No Aboriginal sites of significance have been mapped within the application area.

The clearing permit application was advertised on 10 June 2016 with a 7 day submission period. No public submissions have been received in relation to this application.

#### Methodology

##### GIS Databases:

- Aboriginal sites register system
- Town Planning Scheme Zones

### 4. References

- Department of Environment Regulation (2016) Site visit report for CPS 7087/1 – Shire of Chittering – Wandena Road Reserve. DER ref A1142917.
- Government of Western Australia (2015) 2015 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2015. WA Department of Parks and Wildlife, Perth.
- 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.