



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 3995/1

File Number: 2010/007746-1

Duration of Permit: From 4 December 2010 to 4 December 2015

### PERMIT HOLDER

Shire of Augusta - Margaret River

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 3056 on Plan 43105 (GNARABUP 6285)

Lot 5389 on Plan 195320 (GNARABUP 6285)

Gnarabup Road reserve (GNARABUP 6285)

Wallcliffe Road reserve (GNARABUP 6285)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.125 hectares of native vegetation within the area hatched yellow on attached Plan 3995/1.

### CONDITIONS

#### 1. Dieback and weed control

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the 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) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

### Definitions

The following meanings are given to terms used in this Permit:

*dieback* means the effect of *Phytophthora* species on native vegetation;

*dry conditions* means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

*fill* means material used to increase the ground level, or fill a hollow;

*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;

*weed/s* means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.



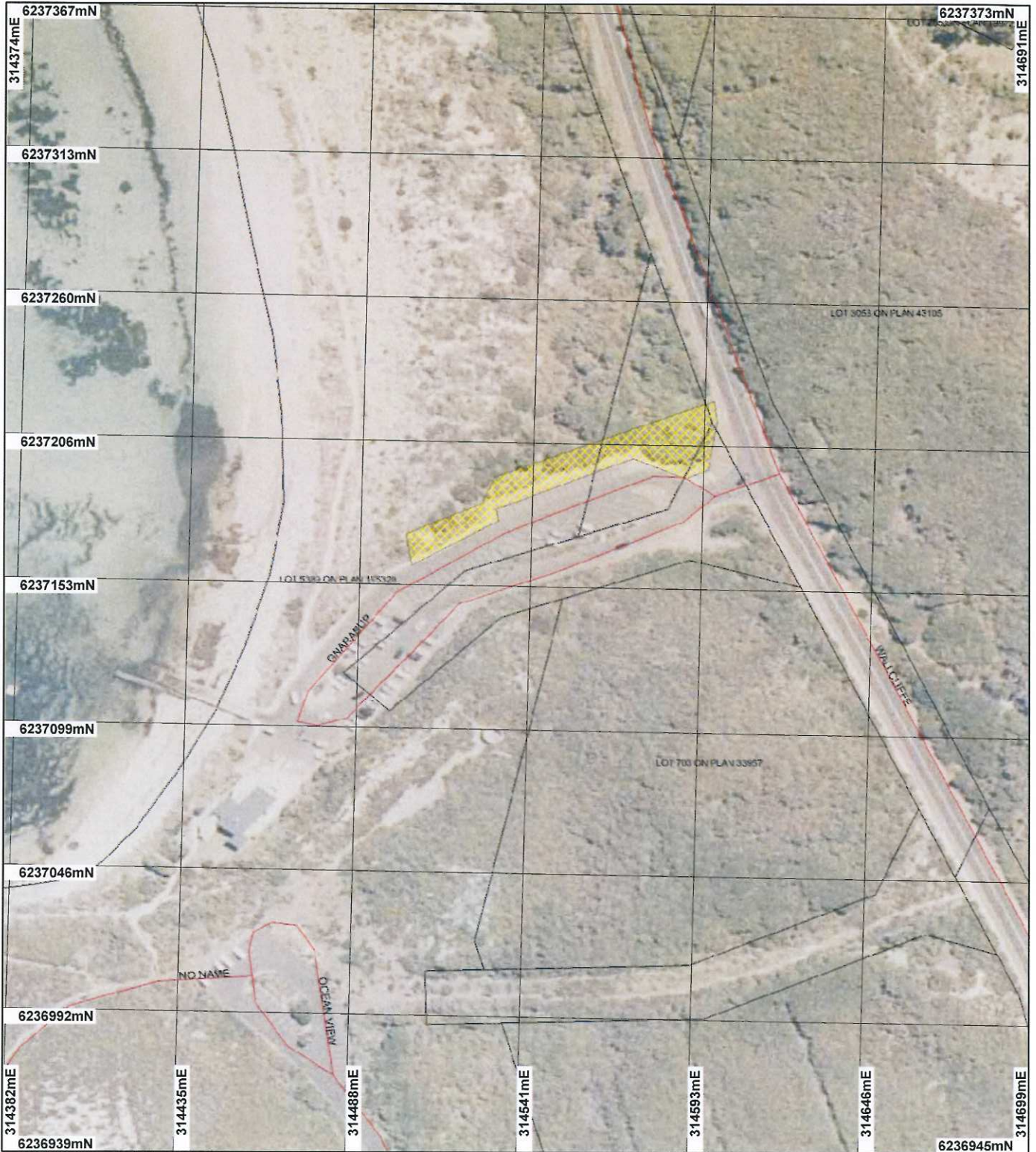
M G Warnock  
A/ MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

4 November 2010



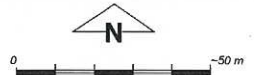
# Plan 3995/1



## LEGEND

### Clearing Instruments

- Areas Approved to Clear
  - Road Centrelines
  - Cadastre
- Busselton 50cm Orthomosaic - Landgate 2007



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

*M G Warnock* Date *4/11/2010*

M G Warnock

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

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of Environment and Conservation

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## 1. Application details

### 1.1. Permit application details

Permit application No.: 3995/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Augusta - Margaret River

### 1.3. Property details

Property: LOT 3056 ON PLAN 43105 (Lot No. 3056 WALLCLIFFE GNARABUP 6285)  
LOT 5389 ON PLAN 195320 (GNARABUP 6285)  
ROAD RESERVE (GNARABUP 6285)  
ROAD RESERVE (GNARABUP 6285)

Local Government Area: Shire of Augusta – Margaret River

Colloquial name:

### 1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of:   |
|--------------------|-----------|--------------------|-----------------------|
| 0.125              |           | Mechanical Removal | Building or Structure |

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 04 November 2010

## 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  |
|--|--|--|--|
| Mapped vegetation association 1108 is described as shrublands; <i>Acacia decipiens</i> (Shepherd, 2009).   | The proposal is to clear 0.125 hectares of native vegetation within Lot 3056 on Plan 43105 (Reserve 37224) and Road reserves; Wallcliffe Road and Gnarabuo Road. | Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994) | The condition of the vegetation under application was determined via digital imagery (Busselton 50cm Orthomosaic - Landgate 2004). |
| Mattiske (1998) vegetation complex Kilcarnup (KE) is described as tall shrubland to closed heath of <i>Agonis flexuosa</i> - <i>Spyridium globulosum</i> on exposed slopes of calcareous dunes in hyperhumid to humid zones. |  |  |  |

## 3. Assessment of application against clearing principles

### Comments

The proposal is to clear 0.125 hectares of native vegetation within Lot 3056 on Plan 43105 (Reserve 37224), Lot 5389 on Plan 195320 (Reserve 135404) and Road reserves; Wallcliffe Road and Gnarabuo Road, for the purpose of modifying the existing Gnarabup lower car park.

A range of threatened and priority fauna species were recorded within a 10km radius, however, the area under application is small (0.125 ha) and surrounded by a large intact remnant (Leeuwin - Naturaliste National Park). Consequently, the removal of the 0.125 hectares under application is not likely to significantly impact on the conservation status of indigenous fauna in the local area.

There are eight known records of the rare flora *Caladenia excelsa* within the local area, with the closest occurrence mapped 2km southeast of the vegetation under application. This species is known to occur among dense low shrubs in *Banksia* (*Banksia* sp., *Jarrah* (*Eucalyptus marginata*) and *Marri* (*Corymbia calophylla*) woodlands (Hopper and Brown, 2001). The area under application is not consistent with the description of preferred habitat for *Caladenia excelsa* therefore it is not likely that the application area will be necessary for the continued existence of this species.

The area under application is within a dieback risk area and is surrounded by Leeuwin - Naturaliste National Park. Therefore there is a risk of the phytophthora disease spreading. Additionally, there is a risk of weeds spreading into the National Park via the clearing disturbance. A dieback and weed condition will assist in mitigating these potential impacts.



The project area is mapped as Leeuwin - Naturaliste Ridge which is an area listed on the Register of National Estate. This area comprises 27 000 hectares and was nominated for listing due its fragile coastline system, caves, diverse endemic eucalyptus species and historic importance due to use by early settlers (DSEWPC, 2010).

The assessment identified that the proposed clearing is not likely to significantly impact any biodiversity, land degradation, or environmental water values within the local or regional context.

Given the relatively small scale of the proposed clearing and consequently, limited habitat and biodiversity values of the vegetation, the proposed clearing may be at variance to principle (h) and is not likely to be at variance to any of the remaining clearing principles.

**Methodology** References:  
DSEWPC (2010)  
Hopper and Brown (2001)

GIS Databases:  
- Busselton 50cm Orthomosaic - Landgate 2007  
- Clearing Regulations, Environmentally Sensitive Areas 30 May 2005  
- DEC Managed Lands & Waters - DEC 28/10/09  
- Pre-European vegetation - DA 01/01  
- SAC Biodatasets - 13/10/10  
- Soils, Statewide - 30/11/99

### **Planning instrument, Native Title, Previous EPA decision or other matter.**

#### **Comments**

The two reserves under application are vested with the Shire of Augusta Margaret River for the purpose of Public Recreation.

The applied area is within the Blackwood Groundwater Area proclaimed under the Rights in Water and Irrigation Act 1914.

No public submissions have been received.

**Methodology** GIS Databases:  
- RIWI Act, Groundwater Areas - DoW 13/07/06  
- Town Planning Scheme Zones - MFP 31/08/98

## **4. References**

- DSEWPC (2010) Australian Heritage Database, Leeuwin - Naturaliste Ridge Area. Department of Sustainability, Environment, Water, Population and Communities, Western Australia
- Hopper, SD & Brown, AP (2001) Contributions to Western Australian orchidology: 2. New taxa and circumscriptions in Caladenia (Spider, Fairy and Dragon Orchids of Western Australia), Nuytsia, vol. 14, no. 1/2.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P. (2009) Adapted from: Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.

## **5. Glossary**

| Term  | Meaning  |
|-------|--|
| BCS   | Biodiversity Coordination Section of DEC                 |
| CALM  | Department of Conservation and Land Management (now BCS) |
| DAFWA | Department of Agriculture and Food                       |
| DEC   | Department of Environment and Conservation               |
| DEP   | Department of Environmental Protection (now DEC)         |
| DoE   | Department of Environment                                |
| DoIR  | Department of Industry and Resources                     |
| DRF   | Declared Rare Flora                                      |
| EPP   | Environmental Protection Policy                          |
| GIS   | Geographical Information System                          |
| ha    | Hectare (10,000 square metres)                           |
| TEC   | Threatened Ecological Community                          |
| WRC   | Water and Rivers Commission (now DEC)                    |