



GOVERNMENT OF  
WESTERN AUSTRALIA

## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Number: 3205 / 1  
File Number: DEC11963  
Duration of Permit: From 6 September 2009 to 6 September 2011

### **PERMIT HOLDER**

Carbone Bros Pty Ltd

### **LAND ON WHICH CLEARING IS TO BE DONE**

LOT 67 ON DIAGRAM 94273 ( BRUNSWICK 6224)

### **AUTHORISED ACTIVITY**

Clearing of up to 10 native trees within the area hatched yellow on attached Plan 3205/1.

### **CONDITIONS**

Nil

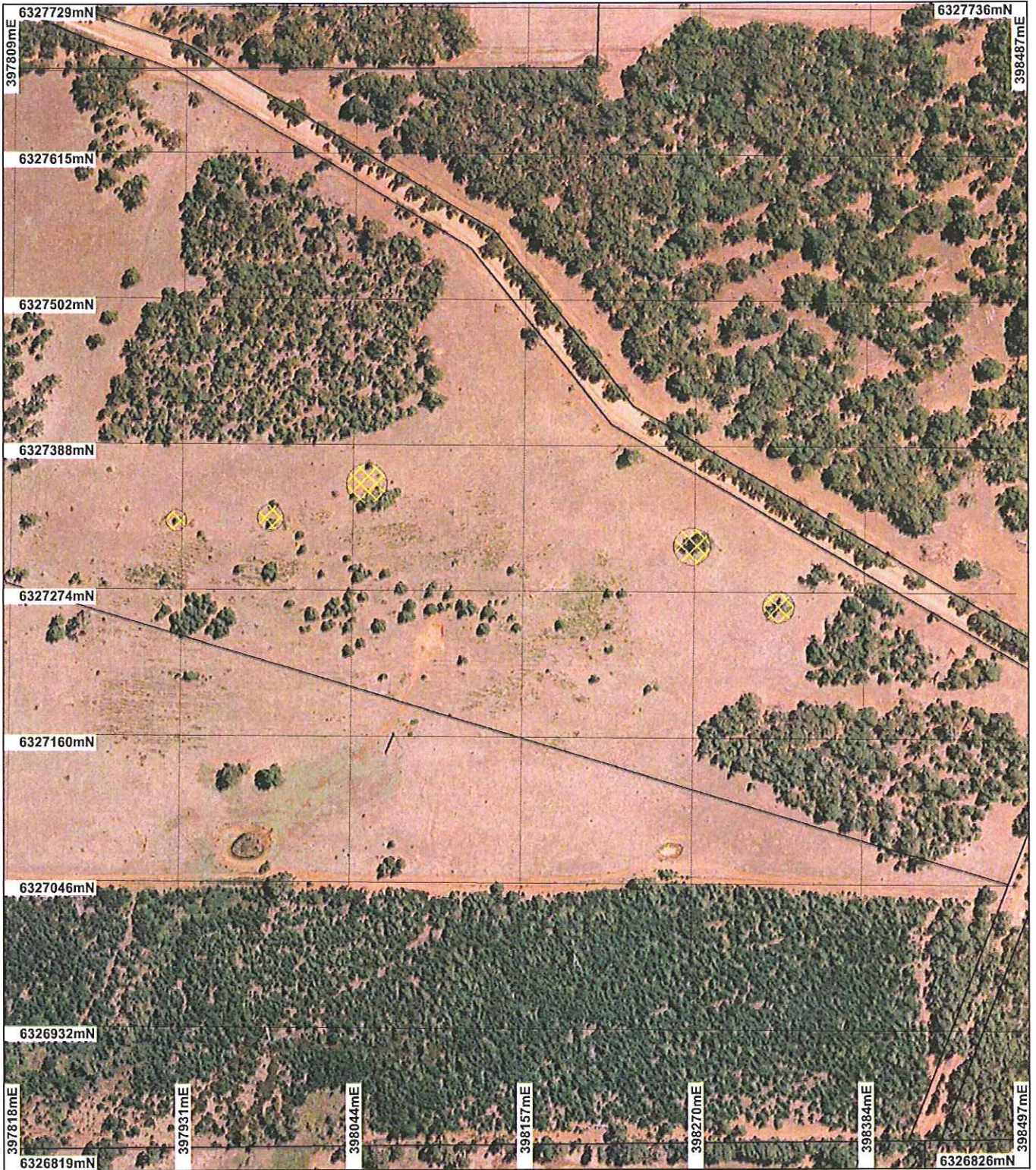
A handwritten signature in black ink, appearing to read 'K Faulkner', written over a horizontal line.

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

6 August 2009

# Plan 3205/1



## LEGEND

- Clearing Instruments
-  Areas Approved to Clear
  -  Cadastre
  - Bunbury 50cm Orthomosaic - Landgate 2006



0 ————— 100 m

Scale 1:4009  
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994  
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

*K Faulkner* Date 6/8/07

K Faulkner

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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\* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



## 1. Application details

### 1.1. Permit application details

Permit application No.: 3205/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Carbone Bros Pty Ltd

### 1.3. Property details

Property: LOT 67 ON DIAGRAM 94273 ( BRUNSWICK 6224)  
LOT 67 ON DIAGRAM 94273 ( BRUNSWICK 6224)

Local Government Area: Shire Of Harvey

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	10	Mechanical Removal	Extractive Industry

## 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 vegetation under application consists of:  Beard vegetation association 3 - Medium forest; jarrah-marri  Mattiske D1 - Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in mainly humid and subhumid zones.	The ten trees under application are a combination of Marri and Jarrah. There is only a small amount of understorey present and the vegetation within the immediate area is considered to be in a degraded (Keighery, 1994) condition (DEC, 2009).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition and description of the vegetation was determined via the use of aerial imagery and a DEC conducted site inspection.

## 3. Assessment of application against clearing principles

### Comments

The proposed clearing of approximately 10 Marri (*Corymbia calophylla*) and Jarrah (*Eucalyptus marginata*) trees (DEC, 2009) is for the purpose of gravel extraction. The application area has been parkland cleared and considered to be in a degraded (Keighery, 1994) condition.

The local area (10km radius) has approximately 30% vegetation cover remaining. There are several areas of remnant vegetation located within the local area and within close proximity of the application area. These areas are in a better condition than the application area. The western side of the local area is highly cleared, largely consisting of scatter paddock trees. The eastern side of the local area is largely made up by Harris River State Forest.

During a site inspection (DEC, 2009) tree hollows were present in the eastern most trees with evidence to suggest that all three Cockatoo species (Baudins, Forset Red-tailed and Carnaby's) may be feeding from these trees (DEC, 2009).

Given the small number of trees under application and amount of remaining vegetation within the local area in a better condition than the area under application, it is considered unlikely that the proposed clearing will significantly impact on the overall biodiversity (DEC, 2009) or environmental values of the local area.

Methodology Keighery (1994)

- DEC (2009)  
 GIS DataSets:  
 - Bunbury\_2006\_50cm\_II.ecw (12/5/08)  
 - CALM Managed Lands and Waters - CALM 01/06/05  
 - Environmental Impact Assessments - EPA 22/2/07  
 - Groundwater Salinity Statewide DoW 13/07/06  
 - Hydrography, linear - DOW 13/7/06  
 - Hydrography linear (hierarchy) - DoW 13/7/06  
 - Hydrographic catchments, catchments - DoW 01/06/07  
 - Mattiske Vegetation (01/03/1998)  
 - Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05  
 - Pre European Vegetation - DA 01/01  
 - Public Drinking Water Source Areas (PDWSAs) ? 07/02/06  
 - Topographic Contours, Statewide - DOLA 12/09/02  
 - Soils, Statewide DA 11/99  
 - SAC Biodatasets - accessed 23 July 09

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

**Comments**

The Department of Water has no objection to the clearing. Only two trees actually fall within the Priority two section the Public Drinking Water Source Area (Trim Ref: DOC91988).

The applicant has applied for an extractive industry licence but has yet to obtain approval (Trim Ref: DOC90495).

**Methodology**

**4. Assessor's comments**

**Comment**

The application has been assessed against the clearing principles, planning instruments and other matter in accordance with s510 of the Environmental Protection Act 1986 has found:

- Principle (b) may be at variance
- All other principles are not likely to be at variance

**5. References**

DEC (2009) Site Inspection Report for Clearing Permit Application CPS 3205/, Lot 67 Sandalwood Road, Brunswick. Site inspection undertaken 22/07/2009. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC91992).  
 Department of Water (2009). Public Drinking Water Source Protection Area Advice. DEC TRIM Ref: DOC91988.  
 Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

**6. 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)

## 5. Assessor's recommendations

### Comment / recommendation

The application has been assessed against the clearing principles, planning instruments and other matter in accordance with s510 of the Environmental Protection Act 1986 has found:

- Principle (b) may be at variance
- All other principles are not likely to be at variance

## 6. References

- DEC (2009) Site Inspection Report for Clearing Permit Application CPS 3205/, Lot 67 Sandalwood Road, Brunswick. Site inspection undertaken 22/07/2009. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC91992).
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