



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5321/1
Permit Holder:	Carbone Bros Pty Ltd
Duration of Permit:	5 July 2013 – 5 July 2018

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 sand extraction.

2. Land on which clearing is to be done
Lot 5 on Plan 5888, Wellesley

3. Area of Clearing
The Permit Holder must not clear more than 10 native trees within the area hatched yellow on attached Plan 5321/1.

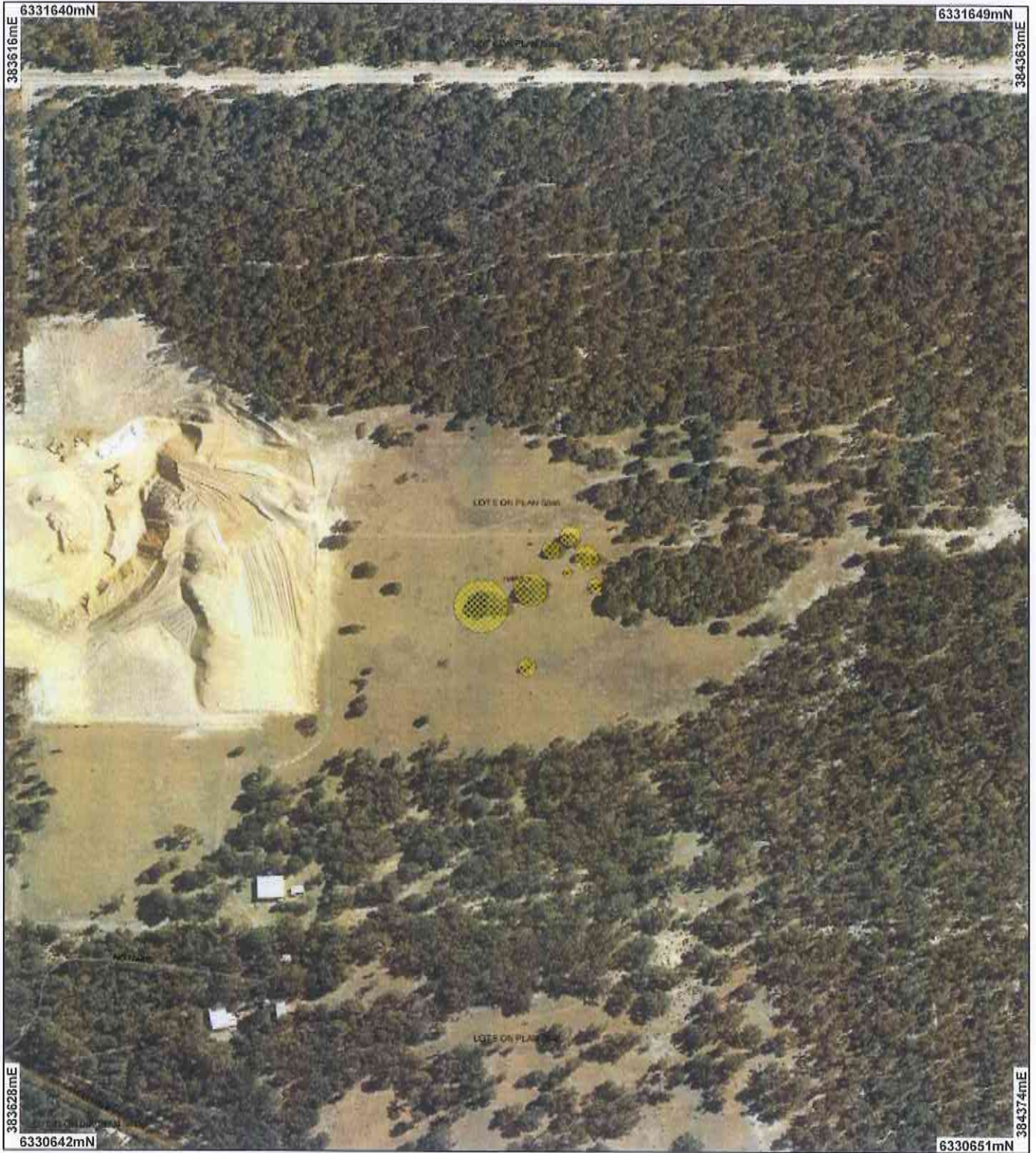
4. Application
This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

13 June 2013

Plan 5321/1



LEGEND

- Local Government Authorities
 - Cadastre for labelling
 - Clearing Instruments
 - Areas Approved to Clear
- Bunbury 50cm Orthomosaic - Landgate 2008
 - Road Centrelines



Scale 1:4409
(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.

M Warnock Date 13/6/13

M Warnock
Officer with delegated authority under Section 20 of the Environmental Protection Act 1985

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.: 5321/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Carbone Bros Pty Ltd

1.3. Property details

Property: LOT 5 ON PLAN 5888 (WELLESLEY 6233)
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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 13 June 2013

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 is mapped as: Beard Vegetation Association - 6, Medium woodland; tuart & jarrah. Hedde Vegetation Complex - Bassendean Complex-Central and South.	The vegetation under application involves 10 trees in a parkland cleared environment in a completely degraded (Keighery, 1994) condition.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Vegetation condition determined from aerial imagery (Bunbury 50cm Orthomosaic Landgate-2008)

(Shepherd et al, 2001; Hedde, 1980).

3. Assessment of application against clearing principles

Comments

The application to clear 10 scattered trees within a well vegetated area (approximately 35% remaining vegetation within a 10km radius) for the purpose of expanding an existing sand extraction mine is unlikely to have any significant environmental impacts.

There are several rare flora species and two occurrences of threatened ecological communities in the local area (10km radius). These biological entities are unlikely to exist in the application area given the area is parkland cleared and is in a completely degraded (Keighery, 1994) condition, and therefore no suitable habitat remains.

Given the clearing consists of 10 trees and the local area is vegetated above 30%, it is unlikely for the application area to contain significant fauna habitat, or for the proposed clearing to impact on nearby conservation areas, cause or exacerbate land degradation, flooding or impact on water quality.

The assessment of the application found that the clearing is not likely to be at variance to any of the clearing principles.

Methodology

References:

- Keighery (1994)

GIS Databases:

- SAC Bio Datasets (accessed November 2012)
- Hedde Vegetation Complexes
- Pre European Vegetation
- Clearing Regulations, Environmentally Sensitive Areas

- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain
- Hydrography linear

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

Comments

The application area lies immediately adjacent to an area assessed and for which a clearing permit was granted in 2010, for 9 trees (refer to CPS 3849/1).

Part of Lot 5 has a restrictive conservation covenant. The National Trust of Australia advised in 2010 that the covenanted land does not include the area under application (NT, 2010).

The application area occurs within the South West Coastal Groundwater Area. The Department of Water (DoW) advised that it had no objections to the 2010 clearing application, and given this identical application, this advice is still relevant.

An Extractive Industry Licence has been issued by the Shire of Harvey (Shire of Harvey, 2013).

Lot 5 is zoned general farming under the Local Town Planning Scheme or Metropolitan Regional Scheme.

No public submissions have been received.

Methodology

References:

- DoW (2010)
- NT (2010)
- Shire of Harvey (2013)

4. References

- DoW (2010) Department of Water advice for Clearing Permit Application CPS 3849/1 (DEC Ref: A328891).
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- NT (2010) National Trust of Australia (WA) advice for Clearing Permit Application CPS 3849/1 (DEC Ref: A326395).
- 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.
- Shire of Harvey (2013) Extractive Industry Licence: sand extraction-Lot 5 Wellesley Road, Wellesley (DEC Ref: A636511)

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)