



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5412/1

File Number: 2011/006893

Duration of Permit: From 10 January 2013 to 10 January 2015

PERMIT HOLDER

Shire of Serpentine Jarrahdale

LAND ON WHICH CLEARING IS TO BE DONE

Karnup Road reserve, Hopeland (PIN 11608775)

Kargotich Road reserve, Oldbury (PIN 11610404)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.032 hectares of native vegetation within the combined areas shaded yellow on attached Plan 5412/1a and Plan 5412/1b.

CONDITIONS

Nil.

A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

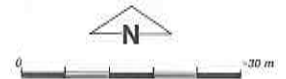
10 January 2013

Plan 5412/1a



LEGEND

Local Government Authorities	Perth Metropolitan Central 15cm Orthomosaic - Landgate 2011_1
Cadastral	
Road Centrelines	
Clearing Instruments	
Perth Metropolitan Central 15cm Orthomosaic - Landgate 2011	



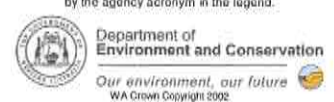
Scale 1:1000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

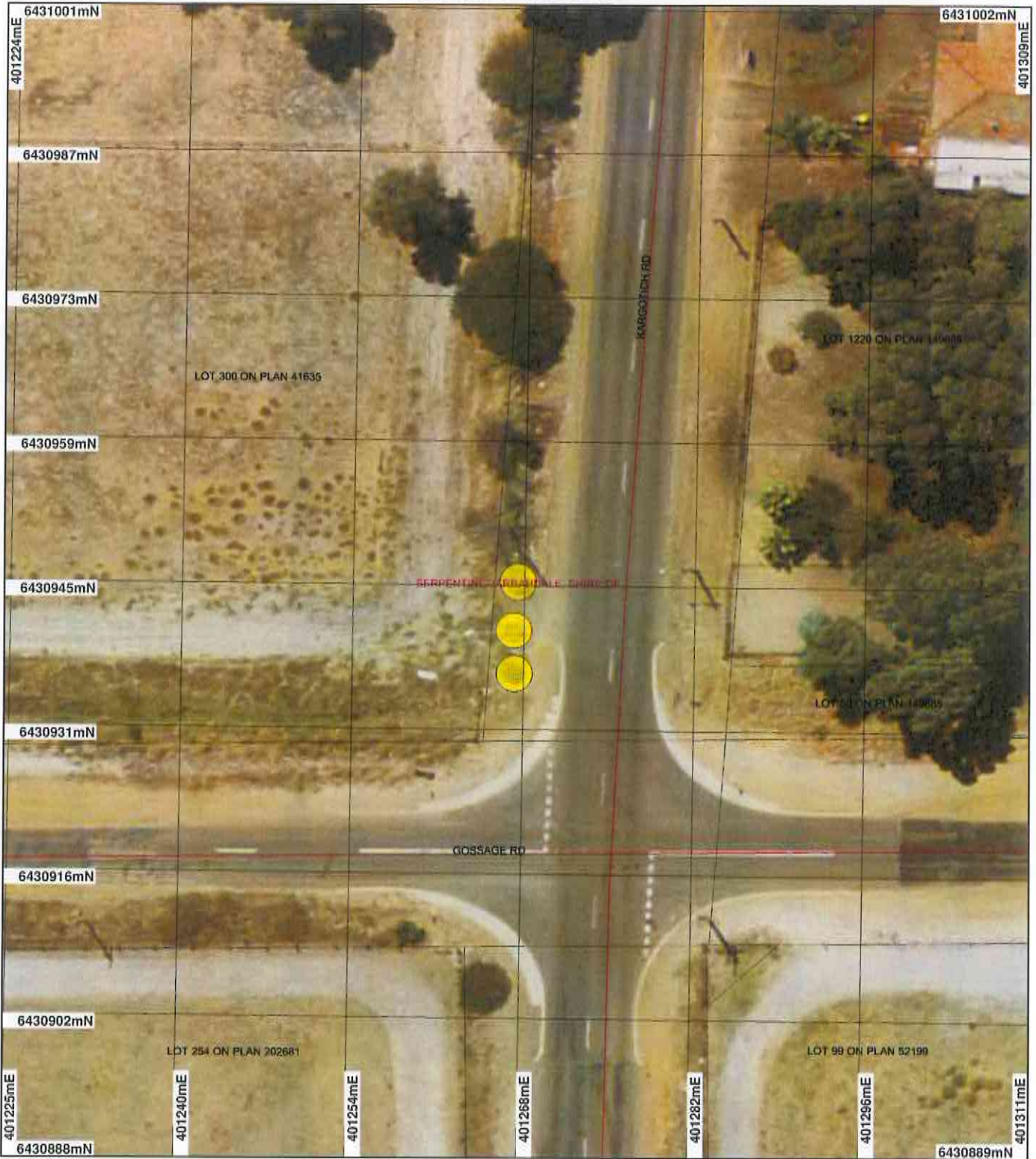
M Warnock Date 10/1/13

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



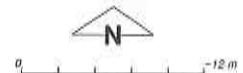
* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Plan 5412/1b



LEGEND

- | | |
|------------------------------|-----------------------------|
| Local Government Authorities | Perth Metropolitan Central |
| Cadastral | 15cm Orthomosaic - Landgate |
| Road Centrelines | 2011_1 |
| Clearing Instruments | |
| Perth Metropolitan Central | |
| 15cm Orthomosaic - Landgate | |
| 2011 | |



Scale 1:500
(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 10/1/13
M Warnock

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



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1. Application details

1.1. Permit application details

Permit application No.: 5412/1

Permit type: Area permit

1.2. Proponent details

Proponent's name: Shire of Serpentine Jarrahdale

1.3. Property details

Property: Karnup Road reserve, Hopeland (PIN 11608775)

Kargotich Road reserve, Oldbury (PIN 11610404)

Local Government Area: Shire of Serpentine Jarrahdale

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.032	6	Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 10 January 2013

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	Vegetation Condition
Beard Vegetation Association: 968 - Medium woodland; jarrah, marri and wandoo (Shepherd et al. 2001).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).
Beard Vegetation Association: 1000 - Mosaic: Medium forest; jarrah-marri/Low woodland; banksia/Low forest; teatree (Melaleuca spp.) (Shepherd et al. 2001)	

3. Assessment of application against clearing principles, planning instruments and other relevant matters

Comments Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding.

The assessment has found that the vegetation under application may be at variance to Principle (f), given the proposed clearing is located within a multiple use wetland. The proposed clearing is not likely to be at variance to the remaining clearing principles.

The clearing is for the purpose of road construction and maintenance. No submissions have been received.

Methodology	References:
GIS Datasets:	Keighery (1994)
- Hydrology, linear	Northcote et al (1960-68)
- IBRA Australia	Government of Western Australia (2011)
- Aboriginal Sites of Significance	DEC (2007-)
- DEC Tenure	
- Metropolitan Regional Scheme	
- Town Planning Scheme Zones	
- CAWSA Part IIA Clearing Controls Catchment	
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain	
- ANCA, Wetlands	
- RAMSAR, Wetlands	
- Salinity Risk LM 25-DOLA 00	
- Groundwater salinity, statewide	

- Topographic Contours, statewide
- Soils, statewide
- RIWI Act, Areas
- Bushforever_1
- Pre-European Vegetation
- Mattiske vegetation
- Heddle vegetation complexes
- SAC Biodatasets
- Perth Metropolitan Central 15cm Orthomosaic – Landgate 2011

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>.
- Government of Western Australia. (2011). *2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis* (Full Report). WA Department of Environment and Conservation, 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.
- Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.
- 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.