



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6066/1
Permit Holder:	Shire of Dandaragan
Duration of Permit:	21 June 2014 – 21 June 2019

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

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of widening the road.

2. Land on which clearing is to be done

Lot 4 on Deposited Plan 67003, Cataby
Lot 307 on Deposited Plan 54549, Mimegarra and Cataby
Lot 4283 on Deposited Plan 221212, Mimegarra and Cataby
Lot 3333 on Deposited Plan 152860, Mimegarra
Lot 4258 on Deposited Plan 209671, Mimegarra
Mimegarra Road reserve (PINs 11674904, 11674903, 1226156 and 1342321), Mimegarra

3. Area of Clearing

The Permit Holder must not clear more than 3 hectares of native vegetation within the combined areas hatched yellow on attached Plan 6066/1 (a), Plan 6066/1 (b), Plan 6066/1 (c) and Plan 6066/1 (d).

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.

PART II – MANAGEMENT CONDITIONS

6. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

7. 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) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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;

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 any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

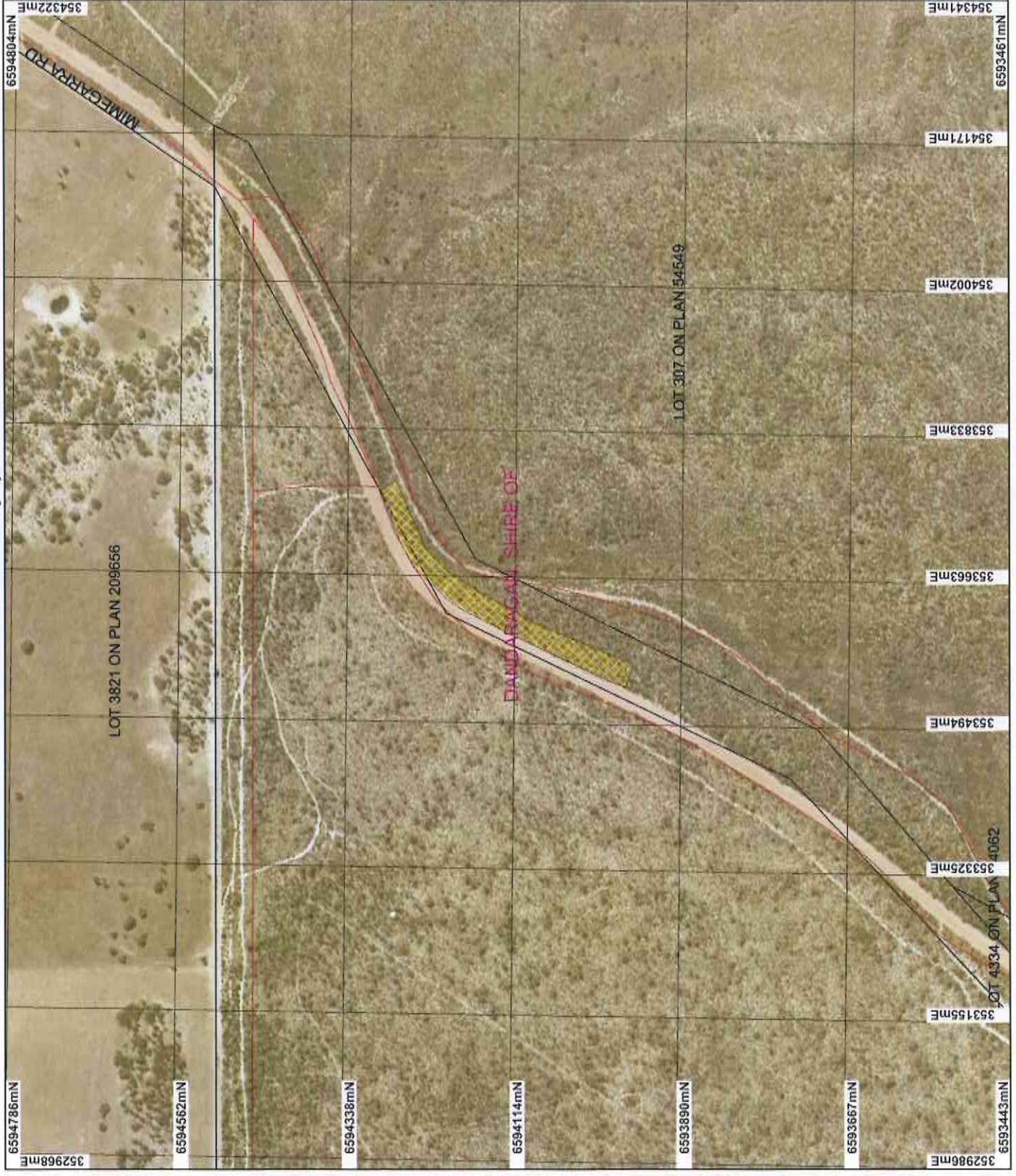


M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

22 May 2014

Plan 6066/1 (a)



- LEGEND**
- Local Government Authorities
 - Road Centrelines
 - Cadastral
 - Clearing Instruments
 - Areas Approved to Clear
 - Dandaragan 50cm Orthomosaic - Landgate 2008

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



Scale 1:6500
 (Approximate when reproduced at A4)
 Geocentric Datum Australia 1994
 Note: the data in this map have not been verified. This may result in geometric distortion or measurement inaccuracies.

M. Waincock
 M. Waincock Date 22/5/14

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.



Plan 6066/1 (b)



LEGEND

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

* Project Data is denoted by asterisk.
 This data has not been quality assured.
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Scale 1:65000
 (Approximate when reproduced at A4)
 Geocentric Datum Australia 1994
 Where the data in this map has not been provided, this may result in accuracy differences or measurement inaccuracies.

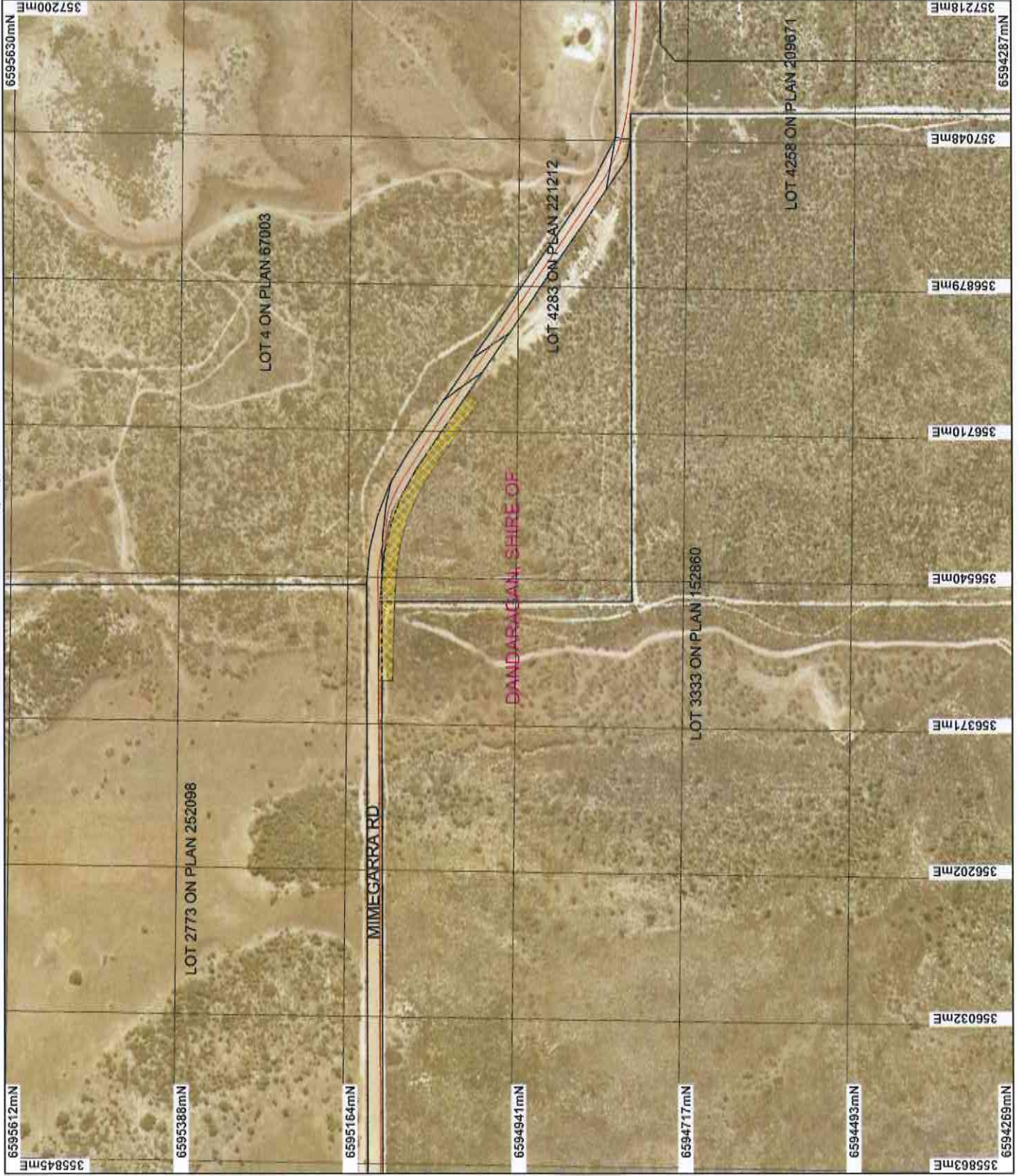
M. W. Munnick Date 22/5/16
 M. W. Munnick

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986
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Government of Western Australia
 Department of Environment Regulation
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Plan 6066/1 (c)



LEGEND

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

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



Scale 1:6500
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Geocentric Datum Australia 1994
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

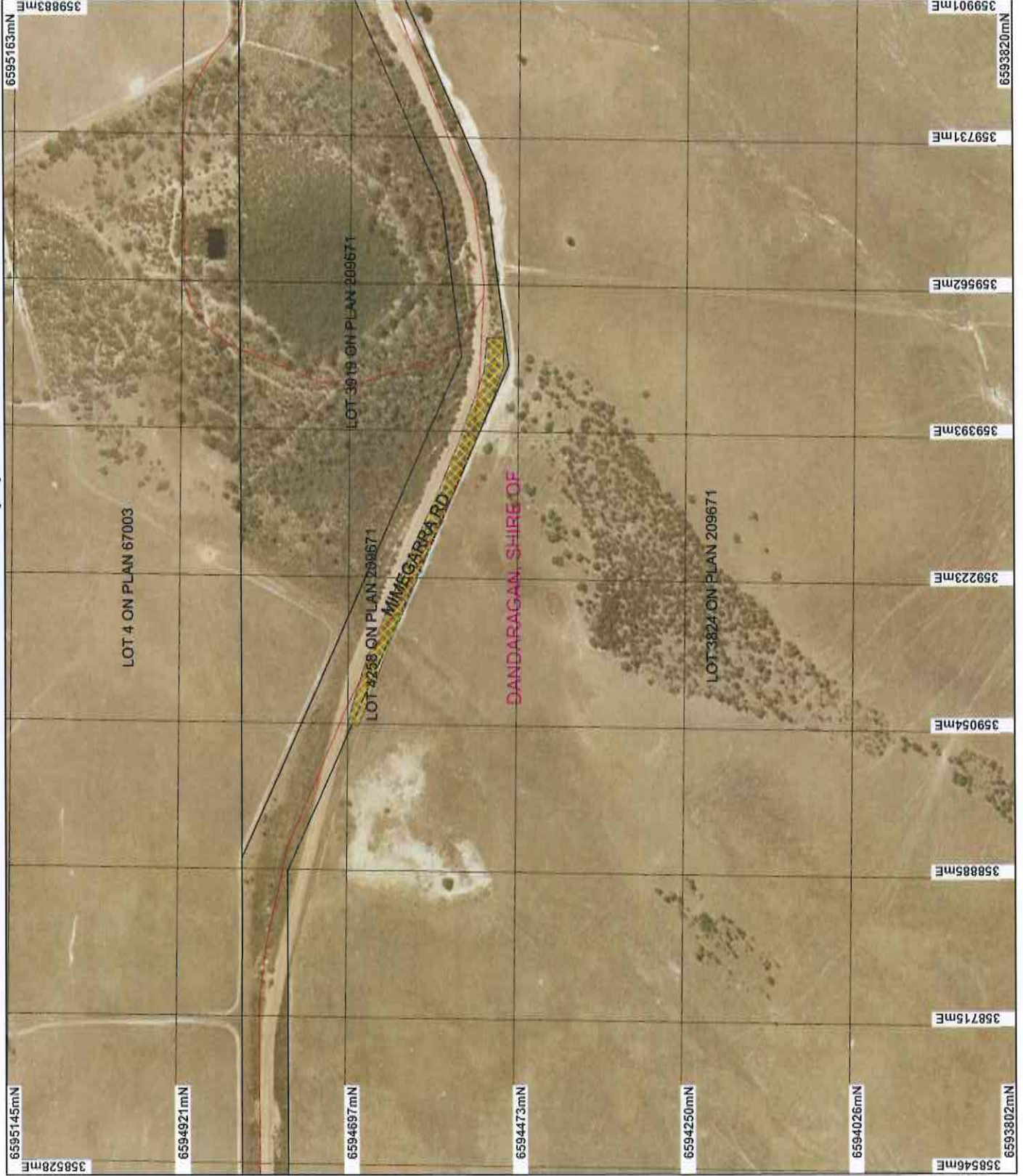
Amend Date 22/5/14
M. Wilmcock

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

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Plan 6066/1 (d)



LEGEND

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

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



0 150m

Scale 1:6500

(Approximate when projected 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. Wilmock Date 22/5/14

M. Wilmock

Officer with delegates 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.



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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 6066/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Dandaragan

1.3. Property details

Property: ROAD RESERVES (MIMEGARRA 6507)
LOT 4283 ON PLAN 221212 (CATABY 6507)
LOT 4258 ON PLAN 209671 (MIMEGARRA 6507)
LOT 307 ON PLAN 54549 (MIMEGARRA 6507)
LOT 3333 ON PLAN 152860 (Lot No. 3333 MIMEGARRA MIMEGARRA 6507)
LOT 4 ON PLAN 67003 (House No. 10437 BRAND CATABY 6507)

Colloquial name: Mimegarra Road

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 22 May 2014

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 three western most sites are mapped as Beard Vegetation Association 1030 and the eastern most site is mapped as Beard Vegetation Association 1031.	The proposed clearing consists of up to three hectares of native vegetation within Lot 4 on Deposited Plan 67003, Cataby, Lot 307 on Deposited Plan 54549 and Lot 4283 on Deposited Plan 221212, Cataby and Mimegarra, Lot 3333 on Deposited Plan 152860, Lot 4258 on Deposited Plan 209671 and Mimegarra Road reserve, Mimegarra, for the purpose of road widening.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994). To Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The condition of the vegetation was determined via photographs provided by the applicant and aerial imagery (Landgate Orthomosaic Wedge Island 15cm, 2004).
Beard Vegetation Association 1030 is described as low woodland comprising <i>Banksia attenuata</i> and <i>B. menziesii</i> .			
Beard Vegetation Association 1031 is described as mosaic consisting of shrublands of <i>hakea scrub-heath</i> and <i>dryandra heath</i> .			

(Shepherd et al, 2001)

3. Assessment of application against clearing principles

Comments

The proposed clearing consists of up to three hectares of native vegetation within Lot 4 on Deposited Plan 67003, Cataby, Lot 307 on Deposited Plan 54549 and Lot 4283 on Deposited Plan 221212, Cataby and Mimegarra, Lot 3333 on Deposited Plan 152860, Lot 4258 on Deposited Plan 209671 and Mimegarra Road reserve, Mimegarra, for the purpose of road widening. The condition of the vegetation ranges from good to degraded (Keighery, 1994).

There are four species of priority flora (two priority 3 and two priority 4 species) mapped within 600 metres of the application area, with the closest of these mapped approximately 120 metres away. Priority 3 species are generally known from collections from several different localities not under imminent threat. Priority 4 species are considered to have been adequately surveyed and not in need of special protection, but could be if circumstances change. The abovementioned species are located from several nearby populations, including populations within conservation estate (Parks and Wildlife, 2014). The proposed clearing of approximately three hectares within close proximity to the edge of the road is unlikely to impact on the conservation status of these species.

Given the relatively small size and linear shape of the application area, it is not likely that the proposed clearing will impact on significant habitat for indigenous fauna, particularly given that the local area retains approximately 50 per cent native vegetation, with extensive remnant vegetation in better condition located immediately west of the proposed clearing.

The closest species of rare flora has been mapped approximately 1.8 kilometres south east of the eastern most proposed clearing area. This species is located on a different soil type and vegetation association than the application areas, therefore it is not likely that this species occurs on site.

There are no threatened or priority ecological communities mapped within the local area (10 kilometre radius).

The application area lies within the Swan Coastal Plain Bioregion, which retains approximately 39 per cent pre-European vegetation. The Shire of Dandaragan retains approximately 44 per cent pre-European vegetation (Government of Western Australia, 2013).

There are no watercourses mapped within the application areas, however all are in close proximity to an unassigned Palusplain wetland. The most eastern application area is mapped adjacent to this wetland and is associated with a minor non perennial watercourse. Aerial imagery indicates that drainage lines run through some of the application areas. The proposed clearing may cause short-term sedimentation of surface water to the wetland, however this impact is considered to be minimal.

Given the relatively small size and linear shape of the proposed clearing, it is not likely that the proposed clearing will result in appreciable land degradation.

There is an un-named nature Reserve located approximately 40 metres from the most eastern application area. The proposed clearing of approximately 0.5 hectares in this area is unlikely to impact on the environmental values of this reserve, particularly given that Mimegarra Road separates the application area from the reserve.

The disturbance caused by the proposed clearing will increase the likelihood of weeds and dieback spreading into the adjacent vegetated areas. Weed and dieback management practices will assist in mitigating this risk.

Given the above, the proposed clearing may be at variance to Principle (f) and is not likely to be at variance to any of the remaining Principles.

Methodology

References:

- Keighery (1994)
- Parks and Wildlife (2014)

GIS Databases:

- Hydrography, linear
- Hydrography, hierachy
- DEC Tenure
- NLWRA, Extent of Native Vegetation
- SAC Bio Datasets (Accessed May 2014)

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

Comments

The proponent has advised that sections of Mimegarra Road are below Australian Standards for traffic types and speeds. It is advised that the widening is necessary for the safety of road users, and the proposed design has been adjusted to absolute minimum criteria to reduce the amount of clearing required.

No submissions from the public have been received for the proposed clearing.

The application area falls within the Single Noongar and Yued native title claim areas. Notification of the proposed clearing to the claimants has occurred and no comment has yet been received.

Methodology

4. References

- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- Parks and Wildlife (2014) Additional Information for Clearing Permit Application CPS 6066/1. Department of Parks and Wildlife, Western Australia.
- 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.