



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6851/2
Permit Holder:	Shire of Northam
Duration of Permit:	19 March 2016 – 19 March 2021

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 shoulder widening and drainage infrastructure maintenance.

2. Land on which clearing is to be done

Werribee Road reserve (PINs: 1292209, 1292208, 1292204 and 1292203), Wundowie

Hawke Avenue road reserve (PIN: 1292202), Wundowie

Spencers Brook Road reserve (PINs: 11618905, 11618903, 11618901 and 11418083), Northam and Muluckine

Lot 28955 on Deposited Plan 217150, Clackline

Carter Road reserve (PIN: 11589036), Throssell

Clydesdale Road reserve (PINs: 11469200, 11469203, 11469202 and 11469204), Malabaine and Grass Valley

Southern Brooke Road reserve (PINs: 11437527 and 11441250), Malabaine and Jennapullin

Jennapullin Road reserve (PINs: 11441249, and 11441251), Jennapullin and Southern Brook

3. Area of Clearing

The Permit Holder must not clear more than five hectares of native vegetation within the combined areas hatched yellow on attached Plan 6851/2a, Plan 6851/2b, Plan 6851/2c, Plan 6851/2d and Plan 6851/2e.

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:

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

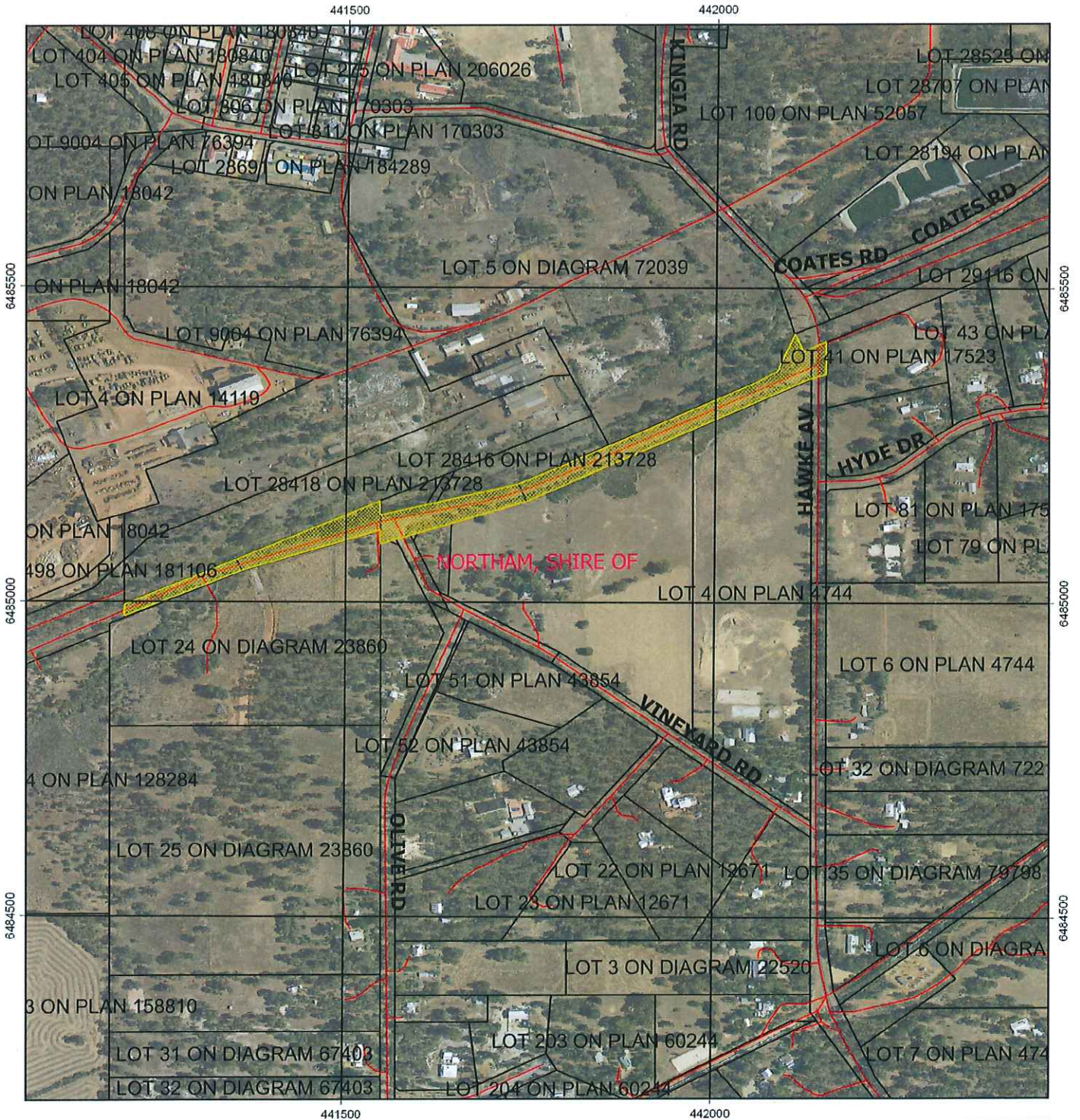


James Widenbar
MANAGER
CLEARING REGULATION

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

14 April 2016

Plan 6851/2a




Legend

-  Areas approved to clear
-  Roads
-  Cadastre
- Virtual Mosaic (LGATE-V001)



1:5,702

MGA 94
Geocentric Datum of Australia 1994

 Date: 17/4/2016

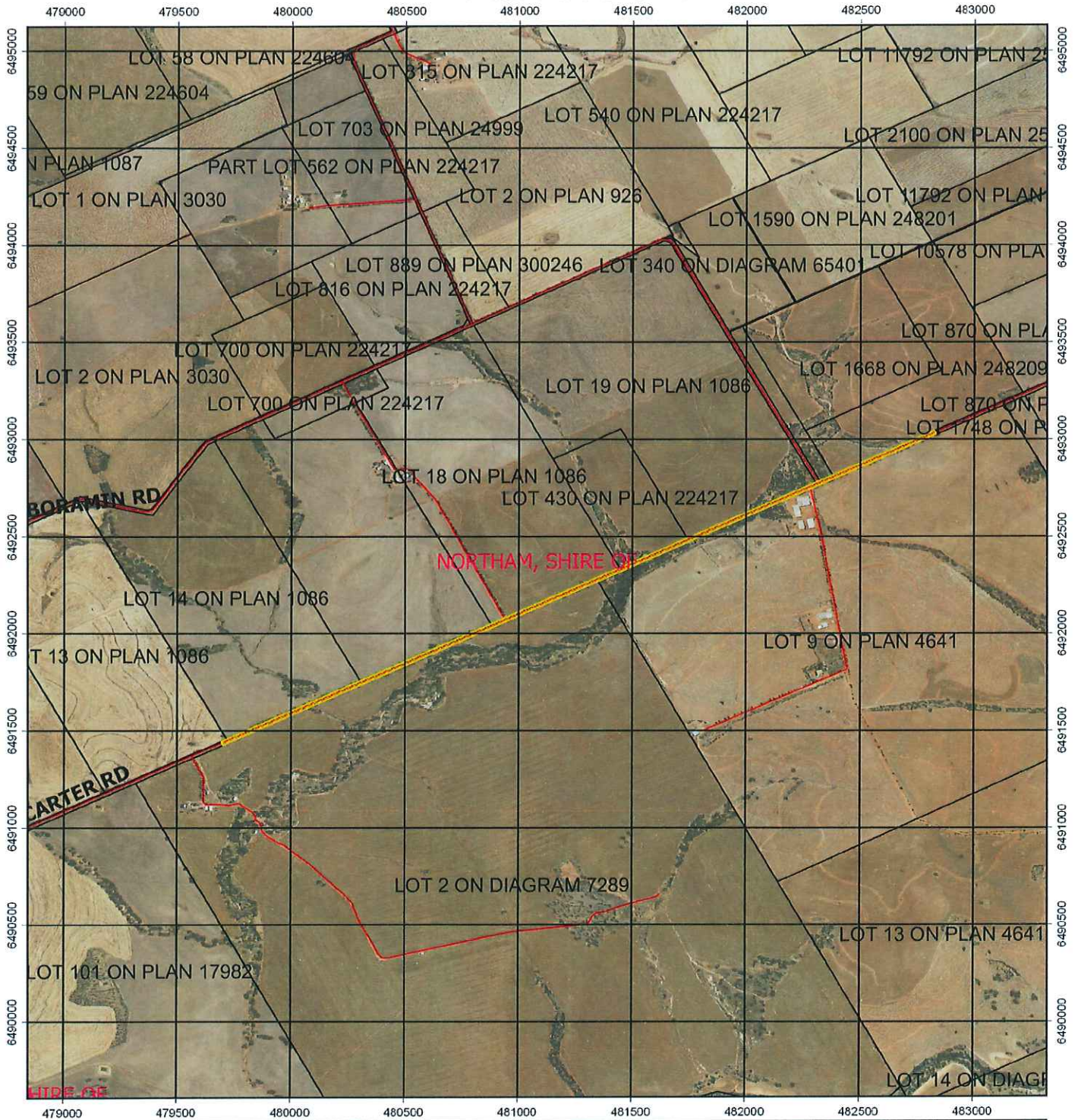
James Widenbar

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6851/2b



Legend

-  Areas approved to clear
-  Roads
-  Cadastre
- Virtual Mosaic (LGATE-V001)



1:18,463

MGA 94
Geocentric Datum of Australia 1994

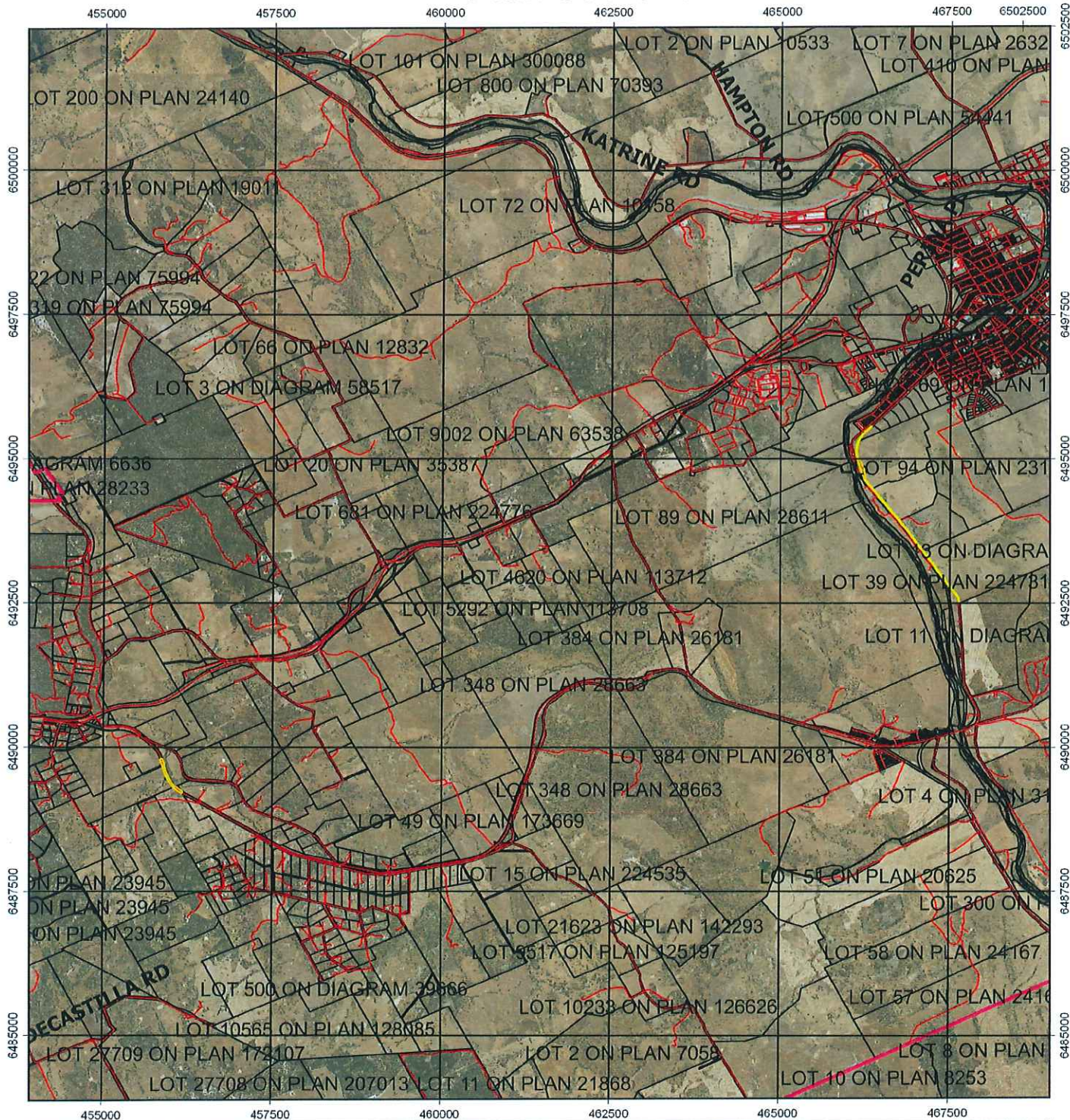
James Widenbar Date: 12/14/2016
James Widenbar

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6851/2c



Legend

Areas approved to clear

Roads

Cadastre

Virtual Mosaic (LGATE-V001)



1:62,169

MGA 94
Geocentric Datum of Australia 1994

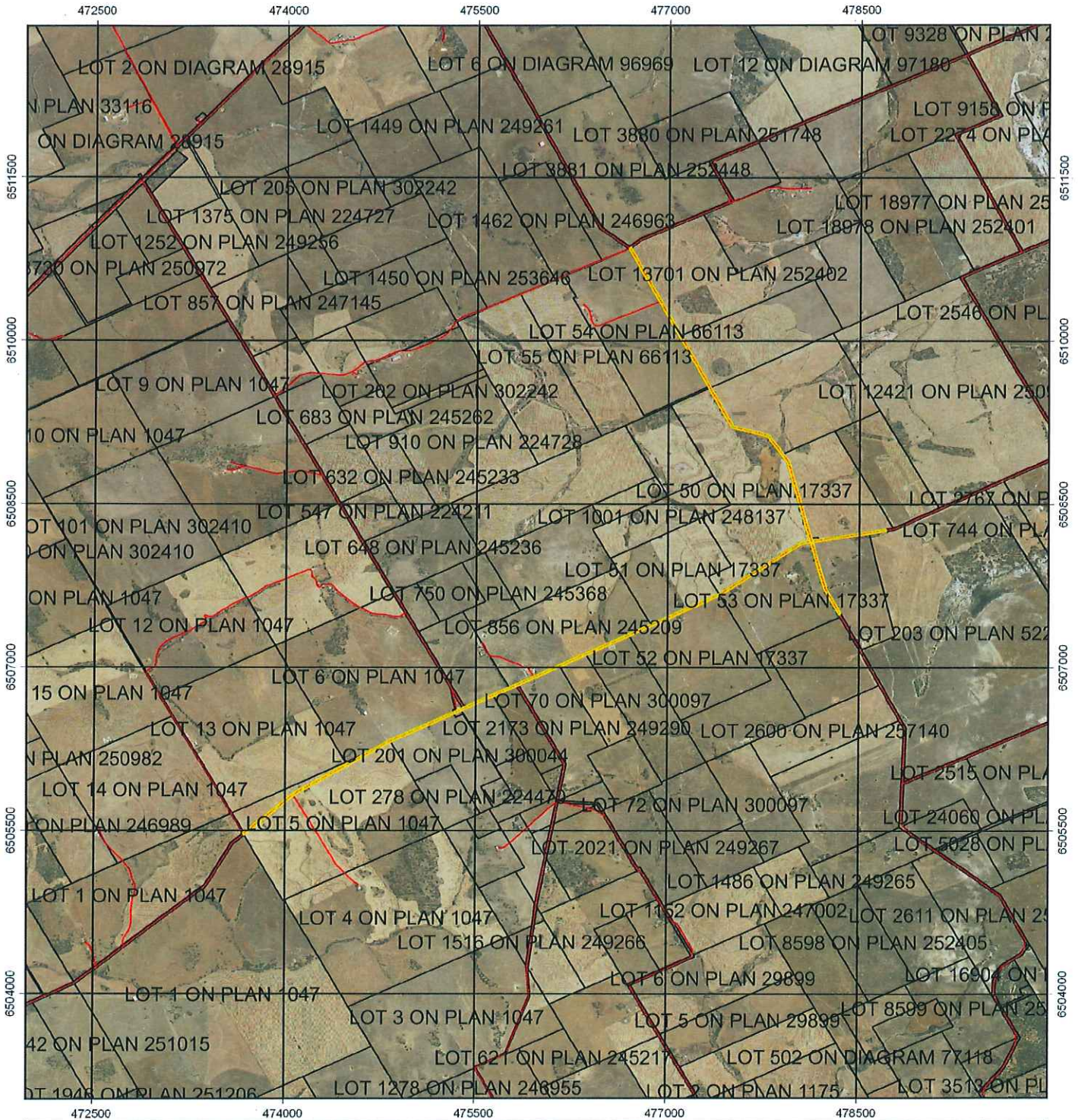
James Widenbar Date: 14/11/2016

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



GOVERNMENT OF
WESTERN AUSTRALIA

Plan 6851/2d



Legend

-  Areas approved to clear
 -  Roads
 -  Cadastre
- Virtual Mosaic (LGATE-V001)



1:33,069

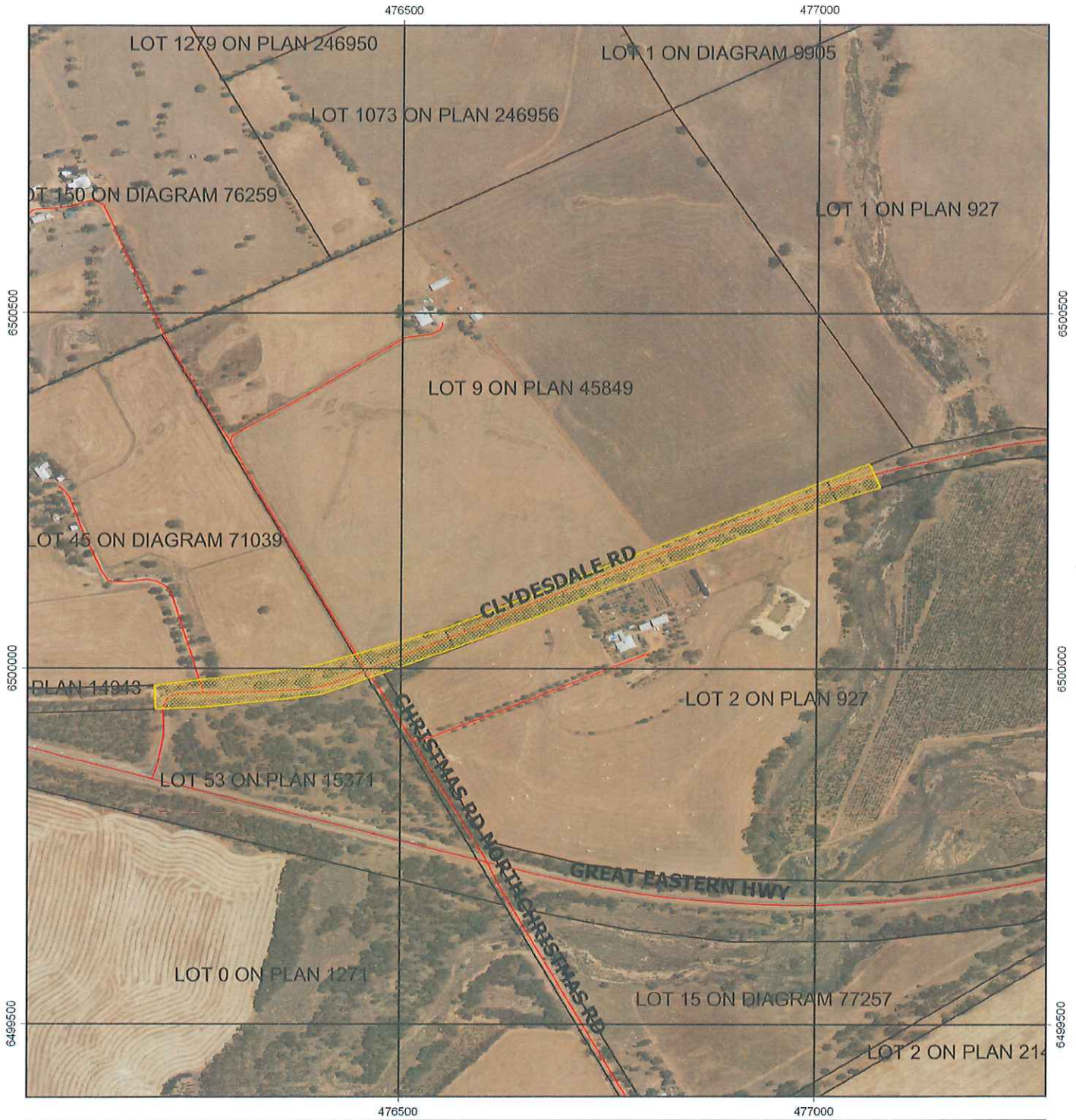
MGA 94
Geocentric Datum of Australia 1994

James Widenbar Date: *14/11/2016*
James Widenbar

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



Plan 6851/2e



Legend

-  Areas approved to clear
-  Roads
-  Cadastre
- Virtual Mosaic (LGATE-V001)



1:5,048

MGA 94
Geocentric Datum of Australia 1994

James Widenbar Date: 14/4/2016
James Widenbar

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





1. Application details

1.1. Permit application details

Permit application No.: 6851/2
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Northam

1.3. Property details

Property:

- ROAD RESERVE - 1292210, WUNDOWIE
- ROAD RESERVE - 1292209, WUNDOWIE
- ROAD RESERVE - 1292208, WUNDOWIE
- ROAD RESERVE - 1292204, WUNDOWIE
- ROAD RESERVE - 11744702, WUNDOWIE
- ROAD RESERVE - 1292207, WUNDOWIE
- ROAD RESERVE - 11744701, WUNDOWIE
- ROAD RESERVE - 1292203, WUNDOWIE
- ROAD RESERVE - 1292192, WUNDOWIE
- ROAD RESERVE - 1292202, WUNDOWIE
- ROAD RESERVE - 11618906, MULUCKINE
- ROAD RESERVE - 11618905, MULUCKINE
- ROAD RESERVE - 11418083, NORTHAM
- ROAD RESERVE - 11618903, MULUCKINE
- ROAD RESERVE - 11618901, MULUCKINE
- ROAD RESERVE - 11618899, MULUCKINE
- ROAD RESERVE - 11441014, JENNAPULLIN
- ROAD RESERVE - 11535343, JENNAPULLIN
- ROAD RESERVE - 11437525, JENNAPULLIN
- ROAD RESERVE - 11437527, MALABAIN
- ROAD RESERVE - 11458833, JENNAPULLIN
- ROAD RESERVE - 11469200, MALABAIN
- ROAD RESERVE - 11437523, JENNAPULLIN
- ROAD RESERVE - 11437522, MALABAIN
- ROAD RESERVE - 11437521, MALABAIN
- ROAD RESERVE - 11589036, THROSSELL
- ROAD RESERVE - 11469203, MALABAIN
- ROAD RESERVE - 11469202, MALABAIN
- ROAD RESERVE - 11441251, JENNAPULLIN
- ROAD RESERVE - 11469204, GRASS VALLEY
- ROAD RESERVE - 11441249, SOUTHERN BROOK
- ROAD RESERVE - 11441250, JENNAPULLIN

Local Government Authority:

Localities: GRASS VALLEY, MULUCKINE, NORTHAM, THROSSELL, SOUTHERN BROOK, JENNAPULLIN, MALABAIN, WUNDOWIE and CLACKLINE

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Granted

Decision Date: 14 April 2016

Reasons for Decision: The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and it has been concluded that the proposed clearing is at variance to Principle (f) and is not likely to be at variance to any of the remaining clearing principles.

This amendment has been made to increase the clearing footprint within Southern Brook Road reserve.

A number of watercourses intersect the areas under application. The purpose of the proposed clearing is for shoulder widening and maintenance of drainage infrastructure and therefore there is likely to be road side infrastructure, such as drains and culverts, already in place to minimise impacts to these watercourses.

Through assessment it has been determined that the clearing is unlikely to have any significant environmental impacts. State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

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
<p>The vegetation under application is mapped as:</p> <p>Mattiske vegetation complex Mi consists of mixture of woodland of <i>Eucalyptus rudis-Melaleuca raphiophylla</i>, low forest of <i>Casuarina obesa</i> and tall shrubland of <i>Melaleuca</i> spp. on major valley systems in arid and perarid zones (Mattiske and Havel 1998).</p> <p>Mattiske vegetation complex Wi consists of open woodland of <i>Eucalyptus wandoo</i> over <i>Acacia acuminata</i> with some <i>Eucalyptus loxophleba</i> on valley slopes, with low woodland of <i>Allocasuarina huegeliana</i> on or near shallow granite outcrops in arid and perarid zones (Mattiske and Havel 1998).</p> <p>Mattiske vegetation complex Pn consists of open forest of <i>Eucalyptus marginata</i> subsp. <i>thalassica-Corymbia calophylla</i> on slopes and open woodland of <i>Eucalyptus wandoo</i> with some <i>Eucalyptus patens</i> on the lower slopes in semiarid and arid zones (Mattiske and Havel 1998).</p> <p>Beard vegetation association 1049 is described as medium woodland; wandoo, York gum, salmon gum, morrel & gimlet (Shepherd et al. 2001).</p> <p>Beard vegetation association 3003 is described as medium</p>	<p>The application is to clear five hectares of native vegetation within various road reserves in the Shire of Northam for the purpose of shoulder widening and maintaining drainage infrastructure.</p>	<p>Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).</p> <p>To</p> <p>Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)</p>	<p>The condition and description of the vegetation under application was determined by a site inspection undertaken by the Department of Environment Regulation (DER 2016).</p> <p>The condition of the vegetation under application within all roads reserves is completely degraded to degraded (Keighery 1994).</p> <p>Werribee Road reserve consists predominantly of <i>Eucalyptus</i> sp. and some <i>kunzea</i> with an understorey dominated by weeds. Some <i>Xanthorrhoea</i> sp. were present in patches along the road reserve (DER 2016).</p> <p>Spencer Brooke Road reserve (west) consists predominantly of weeds within the understorey and there was no distinct mid storey. The area consists of numerous large <i>Eucalyptus</i> species (DER 2016).</p> <p>Spencer Brooke Road reserve (east) consisted predominantly of <i>Acacia</i> sp. with a weedy understorey. There was a small path of sheoak, amongst <i>Acacia</i> sp. A few scattered large <i>Eucalyptus</i> sp. were identified along the road reserve (DER 2016).</p> <p>Carter Road reserve consisted predominantly of <i>Eucalyptus</i> species with a weedy understorey. Some regeneration of native shrubs and sedges was observed. An area of sheoak was also identified within the area under application (DER 2016).</p> <p>Clyesdale Road reserve predominantly consisted of <i>Eucalyptus</i> sp. with a weedy understorey (DER 2016).</p> <p>Jennapullin Road reserve consisted of <i>Eucalyptus salmonophloia</i> and <i>Eucalyptus</i> sp with a weedy understorey. A small patch of <i>Xanthorrhoea</i> sp. was identified (DER 2016).</p> <p>Southern Brooke Road reserve consisted predominantly of large <i>Eucalyptus salmonophloia</i> within the most eastern portion of the application area. The remainder of the area under application consisted of smaller <i>Eucalyptus</i> sp. The understorey consisted predominantly of weeds (DER 2016).</p>

forest; jarrah & marri on laterite with wandoo in valleys, sandy swamps with teatree and Banksia (Shepherd et al. 2001). Beard vegetation association 1006 is described as medium woodland; jarrah, wandoo & powderbark (Shepherd et al. 2001).

Beard vegetation association 352 is described as medium woodland; York gum (Shepherd et al. 2001).

3. Assessment of application against clearing principles

Comments This amendment has been made to increase the clearing footprint within Southern Brooke Road reserve (PINs: 11437527 and 11441250), Malabaine and Jennapullin.

The assessment against the clearing principles has not changed and can be found in Decision Report CPS 6851/1.

Methodology

Planning instruments and other relevant matters.

Comments The assessment against Planning and Other Matters has not changed and can be found in Decision Report CPS 6851/1.

No public submissions have been received in relation to this application.

Methodology

4. References

- DER (2016) Site Inspection Report for Clearing Permit Application CPS 6851/1. Site inspection undertaken 15 January 2016. Department of Environment Regulation, Western Australia (DER Ref: A1047668).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment Australia.
- 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.