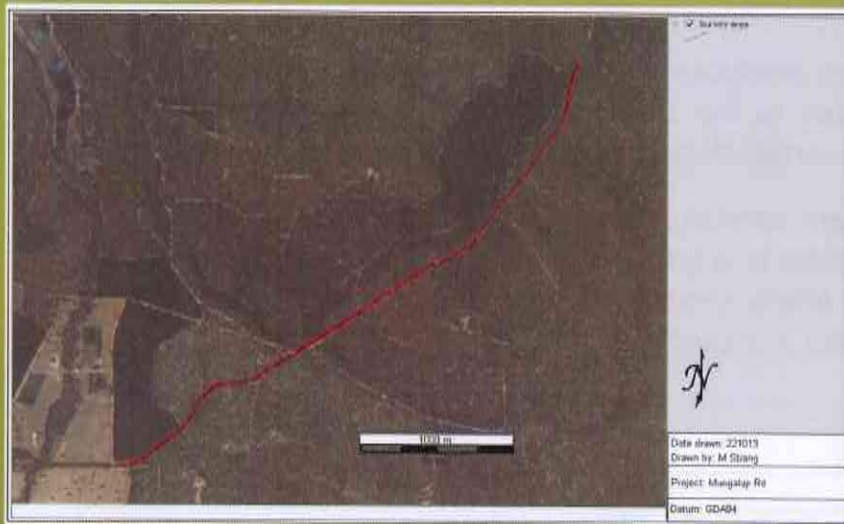
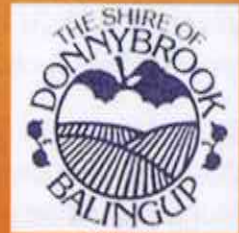


# Shire of Donnybrook-Balingup

## Mungilup Road Upgrade and Seal



2015

Application for clearing native  
vegetation.

Supporting documentation  
Slk 0.0-3.8

Report prepared by  
Donnybrook-  
Balingup's  
Environmental  
Officer

Debbie Brace

## Introduction

The Shire of Donnybrook-Balingup would like to clear native vegetation along the road reserve of Mungilup Road for the purpose of road upgrade, maintenance, improved safety and sealing the gravel section of road.

Mungilup Road is an alternative route to Collie via the Ferguson Valley. The road is used by tourist and locals. This road is an important thoroughfare servicing Wellington Dam and the forest regions of the SW of Western Australia. There is only a small section of this road that is gravel.

The Shire of Donnybrook-Balingup has received funding through the SW Development Commission via Royalty for Regions to seal the remaining 3.8km of Mungilup Road near Collie.

This document has been produced in conjunction with the clearing permit for Mungilup Road, submitted to the Department of Environment Regulation, with photographs and environmental information supporting the permit.

A desktop survey has been conducted to investigate rare flora or fauna, cockatoo habitat trees, quenda habitat or anything else of environmental significance. The Department of Aboriginal Affairs website has been utilised to determine the location of significant sites within the proposed road reserve.

## Desktop Survey

|  |                            |
|--|----------------------------|
| Beard Association  | 3 – Southern Jarrah Forest |
| Potential feeding area for Carnaby Black Cockatoo (CBC)                                      | Yes                        |
| Confirmed breeding area for CBC  | No                         |
| Potential quenda habitat   | No                         |
| Within heritage survey area  | Yes                        |
| Any registered Aboriginal sites within road reserve<br>(Aboriginal Heritage Inquiry website) | No                         |
| Threatened or priority fauna in area – within 15m of road edge.                              | No                         |
| Threatened or priority flora in area – within 15m of road edge                               | No                         |
| No threatened or priority ecological community   | No                         |
| Vegetation complexes   | Murray 1 and Yarragil 1    |
| DPaW trails  | Walking trail crossing     |
| Dieback risk area  | Yes                        |

\* Data from the WALLGA online Environmental Planning Tool and Department of Aboriginal Affairs website.



|                     |   |  |  |                                 |                                     |
|---------------------|---|--|--|---------------------------------|-------------------------------------|
| Project name        | Mungalup Road, upgrade and seal.  |  |  |                                 |                                     |
|                     | Map   | Works                                      | Actual Road works                          | Actual clearing                 | Width of vegetation                 |
| Mungalup Road       | Appendix 2  | Road upgrade and bituminise gravel section | 0.0-3.8 slk                                | 0 to 5 m on either side of road | Minimum 2m to max 5m in some areas. |
|                     |   |  | Some sections of road require no clearing. |                                 | Maximum total 2.1 ha                |
|                     |   |  | Gravel pit extension                       |                                 | 4 ha                                |
| Clearances Required | Clearing of native vegetation could occur on one side or both sides to limit the removal of large trees, dependant on design constraints. |  |  |                                 |                                     |
|                     | The Shire will only remove the trees necessary to improve road safety.  |  |  |                                 |                                     |
|                     | Gravel pit extension. The Shire will rehabilitate the area after gravel has been removed.   |  |  |                                 |                                     |

|                             |                                     |                    |  |
|-----------------------------|-------------------------------------|--------------------|--|
| Shire Inspection            | DB and PC February 2015             | Weeds              | Few weeds.   |
| Native Vegetation           | Trees – excellent Understory – good | Adjoining Land use | Pine plantation (agricultural) and state forest managed by DPaW. |
| Extent of Native Vegetation | 0-95%                               | Conservation Value | Low to medium – high in various sections.                        |
| DPaW Inspection             | Yes - Tom Kenneally, Collie         | Landscape value    | Medium however road upgrade is of great importance.              |

**Works required:**



Removal of localised crests to improve vertical geometry, improvement and reconstruction of drainage, widen and seal gravel section of Mungalup Road.

Mungalup Road is a busy tourist route and the second arterial road into the town of Collie.



**Aboriginal desktop survey** A desktop survey was undertaken via the Aboriginal Heritage Inquiry system and the closest heritage place is number 16713, the mythological Collie River Waugal.



The project site, Mungalup Road, is not within 30m of the high water mark of the Collie River, it is approximately 3.5km from the waters of Wellington Dam.


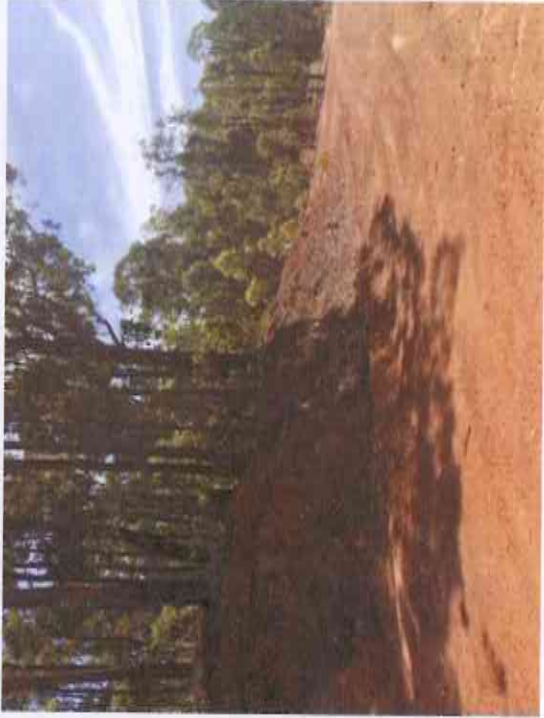
# Mungalup Road – Map A

| Location   | Silk   | Information   | Both sides of road  |
|--|--|---|---|
| <b>Start</b><br><br><b>Photo 1</b><br>116.02387<br>-33.46436 | 0.0 - 0.1<br>100m of<br>no<br>clearing                               | No clearing at the<br>beginning of the road.<br><br>0m <sup>2</sup> cleared<br><br>SW end of road |   |
| <b>Photo 2</b>   | 0.1-0.5<br>400m of<br>maximum<br>5m<br>clearing<br>on either<br>side | State forest<br><br>4,000m <sup>2</sup> cleared   |  |



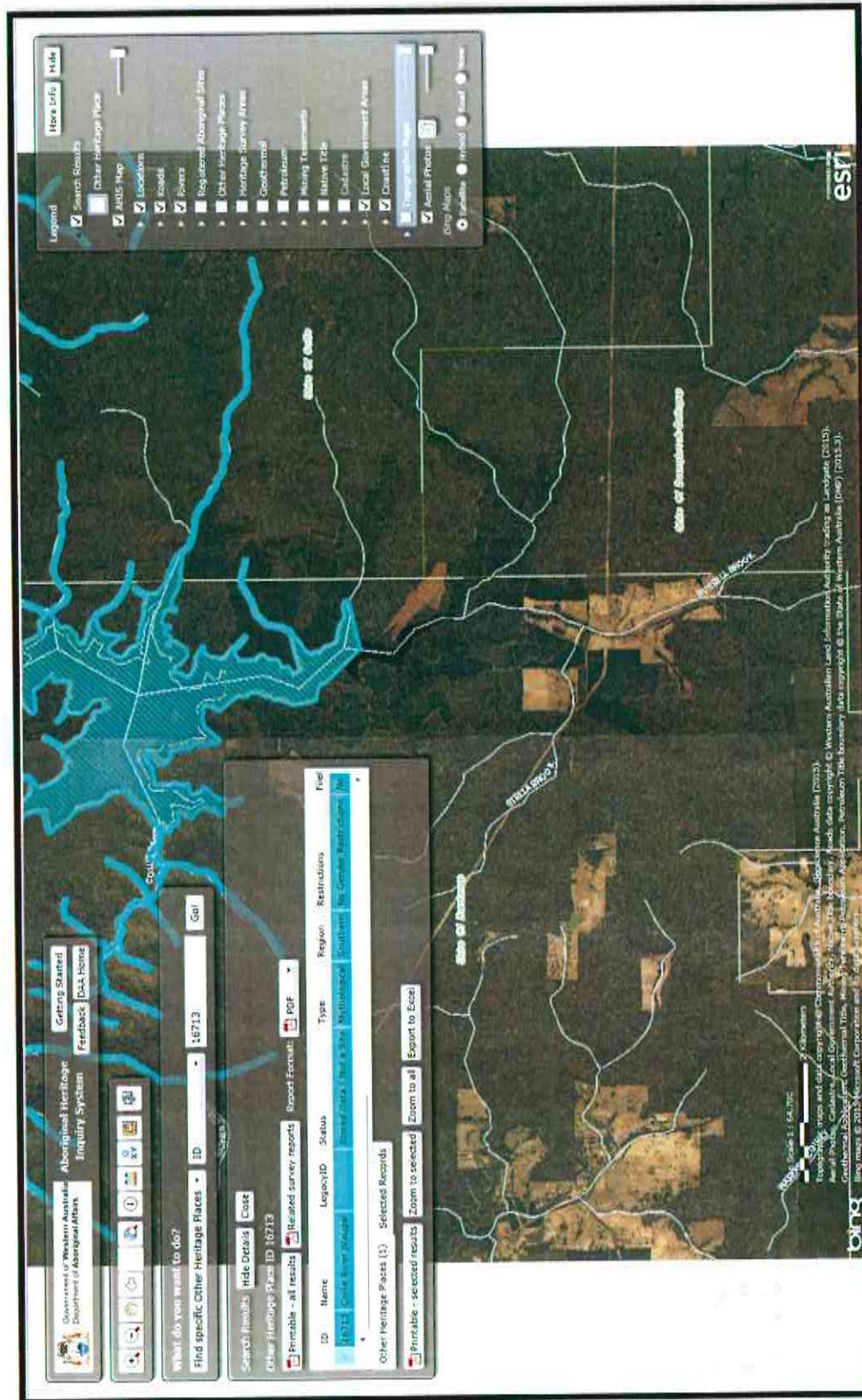
|         |   |  |   |
|---------|---|--|---|
| Photo 3 | 0.5-0.9<br>400m of<br>5m<br>clearing<br>either side | Road designed to limit<br>removal of large trees.<br><br>4,000m <sup>2</sup> cleared                           |   |
| Photo 4 | 0.9-2.5<br>1,600m of<br>no<br>clearing<br>required  | Adjacent pine plantation,<br>road alignment to be on<br>existing cleared area.<br><br>0 m <sup>2</sup> cleared |  |

|         |  |                                     |   |
|---------|--|-------------------------------------|---|
| Photo 5 | 2.5- 3.0<br>500m of clearing<br>with<br>maximum<br>5m either<br>side | State forest<br>5,000m <sup>2</sup> |   |
| Photo 6 | 3.0-3.5<br>500m of clearing<br>with<br>maximum<br>5m either<br>side  | State forest<br>5,000m <sup>2</sup> |  |

|   |   |  |  |   |
|---|---|--|--|---|
| <p><b>Photo 7</b></p> <p><b>Project end</b><br/>GPS North<br/>eastern end<br/>116.05254<br/>-33.44173</p> | <p>3.5-3.8<br/>300m of<br/>clearing<br/>with<br/>maximum<br/>5m either<br/>side</p> | <p>State forest<br/>3,000m<sup>2</sup></p>   |  |  |
|   |   | <p>Associated gravel pit<br/>extension.</p> <p>Approximately 4ha cleared<br/>for gravel extraction.</p> <p>Centre gravel pit<br/>116°1'31"E<br/>33°28'7"S</p> <p>See location map<br/>Appendix 2</p> |  |   |

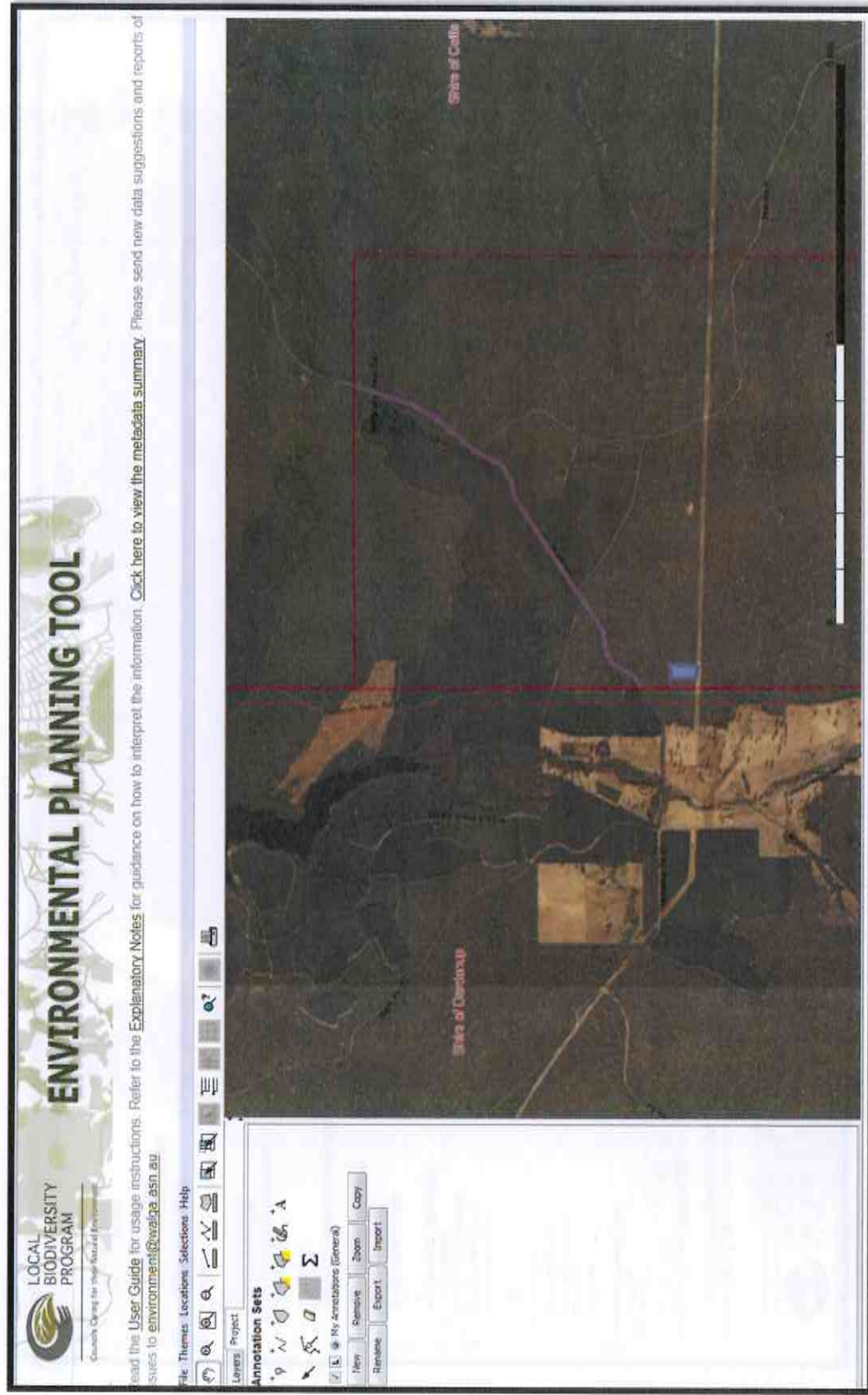


Appendix 1. Aerial photo of area from Department of Aboriginal Affairs  
 Collie River Waugal – more than 3km from worksite





Appendix 2. Aerial view of Mungalup within the Donnybrook-Balingup Shire boundary  
And associated gravel pit extension



Proposed gravel pit extension (4ha)  
Mungalup Road upgrade (3.8km )

### Appendix 3. Dieback risk areas and vegetation complexes

