



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

<b>Purpose Permit number:</b>	CPS 5610/1
<b>Permit Holder:</b>	Downer Engineering Power Pty Ltd
<b>Duration of Permit:</b>	20 July 2013 to 20 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 installing a power cable.

**2. Land on which clearing is to be done**

Lot 175 on Deposited Plan 219293, NEWMAN

Lot 163 on Deposited Plan 216869, NEWMAN

Lot 500 on Deposited Plan 217443, NEWMAN

**3. Area of Clearing**

The Permit Holder must not clear more than 0.85 hectares of native vegetation within the area hatched yellow on attached Plan 5610/1.

**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*

20 June 2013



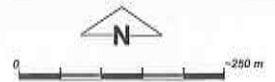
# Plan 5610/1



## LEGEND

- |   |   |                             |
|---|---|-----------------------------|
| Local Government Authorities            | Crown Reserve                                 | Public Roads                |
| Road Centrelines Cadastre for labelling | State Forest / Timber Reserve                 | Unallocated Crown Land      |
| Freehold (cont)                         | Marine Park                                   | Water                       |
|   | Crown Lease                                   | <b>Clearing Instruments</b> |
|   | Lease / Reserve                               | Areas Approved to Clear     |
|   | Lease on State Forest / Timber Reserve (cont) |                             |

Newman Townsite 20cm  
Orthomosaic - Landgate  
2002



Scale 1:8855  
(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 20/6/13  
M Warnock

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.



Department of  
Environment and Conservation

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\* Project Data. This data has not been quality assured. Please contact map author for details.





## 1. Application details

### 1.1. Permit application details

Permit application No.: 5610/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Downer Engineering Power Pty Ltd

### 1.3. Property details

Property: LOT 175 ON PLAN 219293 ( NEWMAN 6753)  
LOT 163 ON PLAN 216869 ( NEWMAN 6753)  
LOT 500 ON PLAN 217443 ( NEWMAN 6753)

Local Government Area: Shire of East Pilbara

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.85		Mechanical Removal	Water/gas/cable/pipeline/power installation

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 20 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
Mapped Beard vegetation association 18 is described as Low woodland; mulga ( <i>Acacia aneura</i> ) (Shepherd et al. 2001).	The proposed clearing of 0.85 hectares is for the purpose of installing a power cable.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was established through aerial photography (Newman Townsite 20cm Orthomosaic - Landgate 2002)
Mapped Beard vegetation association 82 is described as Hummock grasslands, low tree steppe; snappy gum over <i>Triodlwiseana</i> (Shepherd et al. 2001).		To  Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	

## 3. Assessment of application against clearing principles

### Comments

This application proposes to clear 0.85 hectares of native vegetation, for the purpose of installing a power cable. The vegetation is in a degraded to good (Keighery, 1994) condition.

Two priority flora species and one rare flora species have been mapped within the local area (10 kilometre radius), recorded approximately five and 10 kilometres west of the application area respectively. These species have been mapped on a different soil and vegetation association to that of the application area and are unlikely to occur within the area of proposed clearing. One threatened ecological community, 'Ethel Gorge aquifer stygobiont community', occurs 2.7 kilometres from the proposed clearing. The proposed clearing is not likely to impact on this underground community given the small size and distance of the clearing.

The area under application is within an extensively vegetated landscape with 99 per cent of the pre-European vegetation extent remaining and approximately 99 per cent of the mapped Beard Vegetation Associations 18 and 83 remains within the Pilbara Bioregion (Government of Western Australia, 2013).

There are 15 conservation significant fauna species recorded within the local area (10 kilometre radius) (DEC, 2007- ). The fauna habitats within the application area are well represented elsewhere within the local and

regional area. Given this, and the small size and linear shape of the proposed clearing (0.83 hectares), it is not likely for the clearing to impact on significant fauna habitat.

Given the relatively small and linear area proposed to be cleared, it is not likely for the proposed clearing to cause appreciable land degradation, impact water quality, or exacerbate the intensity of flooding.

A non-perennial watercourse crosses the southern portion of the application area, therefore the proposed clearing may contain vegetation growing in association with this watercourse. However, given the small size of the clearing in the vicinity of the watercourse (approximately 0.1 hectares) the impacts are likely to be minor.

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 other clearing principles.

**Methodology** References:  
-Keighery (1994)  
-Government of Western Australia (2013)  
-DEC (2007- )  
GIS Databases:  
-SAC Bio Datasets (Accessed May 2013)  
-Hydrography, linear

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

### Comments

The proposed clearing of 0.85 hectares is for the purpose of installing a power cable.

The area under application is zoned 'major road' under the local town planning scheme.

The applicant has been given authority to access and apply for a clearing permit for the area under application by Main Roads Western Australia (MRWA) the owner of the properties.

The proposed clearing falls within a Priority 3 Public Drinking Water Source Area. The proposed clearing is not likely to impact ground water quality given its small size (0.85 hectares).

No submissions from the public have been received.

**Methodology** GIS Databases:  
-Town Planning Scheme Zones  
- PDWSA

## 4. References

DEC (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed May 2013.

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.

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.

## 5. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
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)