



## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

<b>Purpose Permit number:</b>	CPS 4587/2
<b>Permit Holder:</b>	Regional Power Corporation TA Horizon Power
<b>Duration of Permit:</b>	14 November 2011 – 14 July 2024

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 installing underground power lines and associated infrastructure upgrades inclusive of the following activities:

- (a) decommissioning of existing infrastructure
- (b) upgrading of existing infrastructure
- (c) new infrastructure installation

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

Township of Onslow

**3. Area of Clearing**

The Permit Holder must not clear more than 26 hectares of native vegetation within the area hatched yellow on attached Plan 4587/2.

**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. Period in which clearing is authorised**

The Permit Holder shall not clear any native vegetation after 14 July 2018

**6. Type of clearing authorised**

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Energy Operators (Powers) Act 1979* or any other written law.

**7. Compliance with Assessment Sequence and Management Procedures**

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

## PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

### 8. 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.

### 9. Weed control

- (a) 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*:
  - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
  - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

### 10. Retain vegetative material and topsoil, revegetation and rehabilitation

The Permit Holder shall:

- (a) retain the vegetative material and topsoil removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil.
- (b) within 12 months following clearing authorised under this permit, *revegetate* and *rehabilitate* the area(s) that are no longer required for the purpose for which they were cleared under this Permit by:
  - (i) re-shaping the surface of the land so that it is consistent with the surrounding 5 metres of uncleared land; and
  - (ii) ripping the ground on the contour to remove soil compaction, where required; and
  - (iii) laying the vegetative material and topsoil retained under condition 10(a).
- (c) within 24 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 10(b) of this Permit:
  - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
  - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 10(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, *revegetate* the area by deliberately *planting* and/or *direct seeding* native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area and ensuring only *local provenance* seeds and propagating material are used.
- (d) Where additional *planting* or *direct seeding* of native vegetation is undertaken in accordance with condition 10(c)(ii) of this permit, the Permit Holder shall repeat condition 10(c)(i) and 10(c)(ii) within 24 months of undertaking the additional *planting* or *direct seeding* of native vegetation.
- (e) Where a determination by an *environmental specialist* that the composition, structure and density within areas *revegetated* and *rehabilitated* will result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, as determined in condition 10(c)(i) and (ii) of this permit, that determination shall be submitted for the CEO's consideration. If the CEO does not agree with the determination made under condition 10(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 10(c)(ii).

## PART III - RECORD KEEPING AND REPORTING

### **11. Records to be kept**

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
  - (i) the species composition, structure and density of the cleared area;
  - (ii) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
  - (iii) the date that the area was cleared; and
  - (iv) the size of the area cleared (in hectares).
  
- (b) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 10 of this Permit:
  - (i) the location of any areas *revegetated* and *rehabilitated*, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
  - (ii) a description of the *revegetation* and *rehabilitation* activities undertaken;
  - (iii) the size of the area *revegetated* and *rehabilitated* (in hectares);
  - (iv) the species composition, structure and density of *revegetation* and *rehabilitation*;
  - (v) a copy of the environmental specialist's report; and
  - (vi) the date that the *revegetation* and *rehabilitation* was completed.

### **12. Reporting**

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
  - (i) of records required under condition 11 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
  
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
  
- (c) Prior to 14 April 2024, the Permit Holder must provide to the CEO a written report of records required under condition 11 of this Permit where these records have not already been provided under condition 12(a) of this Permit.

### **Definitions**

The following meanings are given to terms used in this Permit:

***direct seeding*** means a method of re-establishing vegetation through the establishment of a seed bed and the introduction of seeds of the desired plant species;

***environmental specialist*** means a person who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit, or who is approved by the CEO as a suitable environmental specialist.

***fill*** means material used to increase the ground level, or fill a hollow;

***local provenance*** means native vegetation seeds and propagating material from natural sources within 200 kilometres of the area cleared.

***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;

**planting** means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

**regenerate/ed/ion** means re-establishment of vegetation from in situ seed banks and propagating material (such as lignotubers, bulbs, rhizomes) contained either within the topsoil or seed-bearing mulch;

**rehabilitate/ed/ion** means actively managing an area containing native vegetation in order to improve the ecological function of that area;

**revegetate/ed/ion** means the re-establishment of a cover of *local provenance* native vegetation in an area using methods such as natural *regeneration*, *direct seeding* and/or *planting*, so that the species composition, structure and density is similar to pre-clearing vegetation types in that area.

**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.



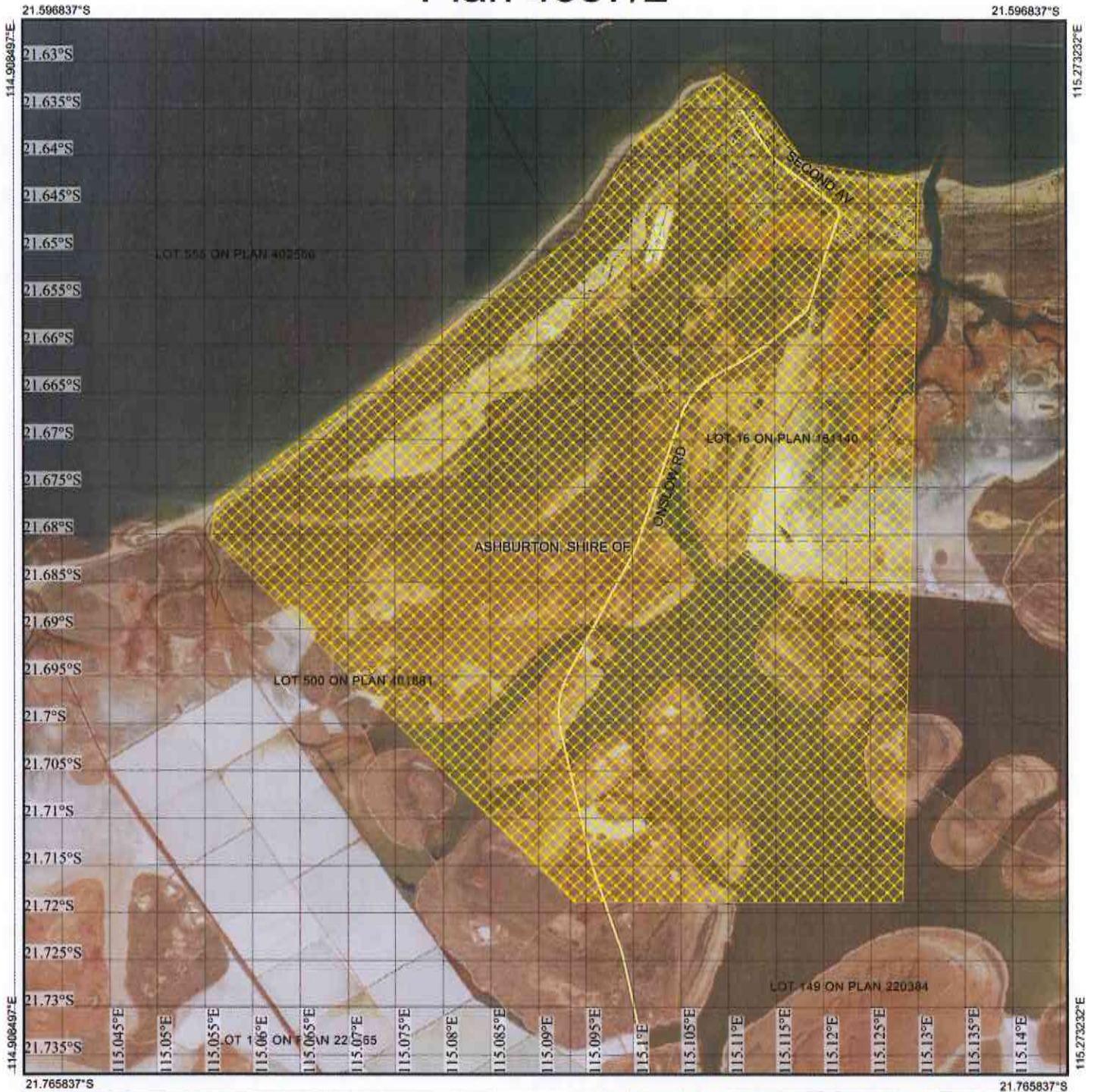
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Jane Clarkson  
ACTING SENIOR MANAGER  
CLEARING REGULATION

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

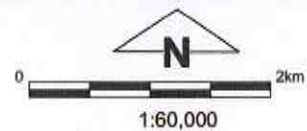
16 April 2015

# Plan 4587/2



## Legend

-  Cadastre (Search)
-  Roads - Freeway and National Highway - Bridges
-  Roads - Main Road - Bridges
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Roads - Freeway and National Highway
-  Roads - Main Road



(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*J Clarkson* Date *16.4.15*  
 J Clarkson

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



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 WESTERN AUSTRALIA  
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## 1. Application details

### 1.1. Permit application details

Permit application No.: 4587/2  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Regional Power Corporation TA Horizon Power

### 1.3. Property details

Property: LOT 403 ON PLAN 206976, ONSLOW  
LOT 257 ON PLAN 144083, ONSLOW  
LOT 258 ON PLAN 144083, ONSLOW  
LOT 259 ON PLAN 144083, ONSLOW  
LOT 406 ON PLAN 165298, ONSLOW  
LOT 407 ON PLAN 165298, ONSLOW  
LOT 408 ON PLAN 165298, ONSLOW  
LOT 370 ON PLAN 202376, ONSLOW  
LOT 371 ON PLAN 202376, ONSLOW  
ROAD RESERVE, ONSLOW  
LOT 308 ON PLAN 202376, ONSLOW  
LOT 333 ON PLAN 202376, ONSLOW  
LOT 334 ON PLAN 202376, ONSLOW  
UNALLOCATED CROWN LAND, ONSLOW  
LOT 3055 ON PLAN 52026, ASHBURTON, SHIRE OF  
LOT 650 ON PLAN 184648, ONSLOW  
LOT 580 ON PLAN 181875, ONSLOW  
LOT 581 ON PLAN 181875, ONSLOW  
LOT 579 ON PLAN 181875, ONSLOW  
LOT 582 ON PLAN 181875, ONSLOW  
LOT 641 ON PLAN 214895, ONSLOW  
LOT 644 ON PLAN 214895, ONSLOW  
LOT 643 ON PLAN 214895, ONSLOW  
LOT 642 ON PLAN 214895, ONSLOW  
LOT 418 ON PLAN 167465, ONSLOW  
LOT 464 ON PLAN 211053, ONSLOW  
LOT 463 ON PLAN 211053, ONSLOW  
LOT 462 ON PLAN 211053, ONSLOW  
LOT 474 ON PLAN 211053, ONSLOW  
LOT 461 ON PLAN 211053, ONSLOW  
LOT 475 ON PLAN 211053, ONSLOW  
LOT 476 ON PLAN 211053, ONSLOW  
LOT 477 ON PLAN 211053, ONSLOW  
LOT 478 ON PLAN 211053, ONSLOW  
LOT 649 ON PLAN 215185, ONSLOW  
LOT 1 ON DIAGRAM 69251, ONSLOW  
LOT 632 ON PLAN 214895, ONSLOW  
LOT 618 ON PLAN 214895, ONSLOW  
LOT 631 ON PLAN 214895, ONSLOW  
LOT 617 ON PLAN 214895, ONSLOW  
LOT 629 ON PLAN 214895, ONSLOW  
LOT 630 ON PLAN 214895, ONSLOW  
LOT 616 ON PLAN 214895, ONSLOW  
LOT 615 ON PLAN 214895, ONSLOW  
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LOT 608 ON PLAN 214895, ONSLOW  
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LOT 614 ON PLAN 214895, ONSLOW  
LOT 469 ON PLAN 211053, ONSLOW  
LOT 466 ON PLAN 211053, ONSLOW  
LOT 470 ON PLAN 211053, ONSLOW  
LOT 465 ON PLAN 211053, ONSLOW  
LOT 471 ON PLAN 211053, ONSLOW  
LOT 472 ON PLAN 211053, ONSLOW

LOT 473 ON PLAN 211053, ONSLOW  
LOT 496 ON PLAN 211053, ONSLOW  
LOT 492 ON PLAN 211053, ONSLOW  
LOT 495 ON PLAN 211053, ONSLOW  
LOT 493 ON PLAN 211053, ONSLOW  
LOT 601 ON PLAN 214895, ONSLOW  
LOT 603 ON PLAN 214895, ONSLOW  
LOT 602 ON PLAN 214895, ONSLOW  
LOT 480 ON PLAN 211053, ONSLOW  
LOT 479 ON PLAN 211053, ONSLOW  
LOT 664 ON PLAN 216406, ONSLOW  
LOT 487 ON PLAN 211053, ONSLOW  
LOT 665 ON PLAN 216406, ONSLOW  
LOT 666 ON PLAN 216406, ONSLOW  
LOT 486 ON PLAN 211053, ONSLOW  
LOT 485 ON PLAN 211053, ONSLOW  
LOT 671 ON PLAN 216406, ONSLOW  
LOT 670 ON PLAN 216406, ONSLOW  
LOT 484 ON PLAN 211053, ONSLOW  
LOT 669 ON PLAN 216406, ONSLOW  
LOT 672 ON PLAN 216406, ONSLOW  
LOT 590 ON PLAN 182847, ONSLOW  
LOT 970 ON PLAN 220088, ONSLOW  
LOT 301 ON PLAN 67928, ONSLOW  
LOT 872 ON PLAN 217908, ONSLOW  
LOT 873 ON PLAN 217908, ONSLOW  
LOT 892 ON PLAN 217908, ONSLOW  
LOT 893 ON PLAN 217908, ONSLOW  
LOT 894 ON PLAN 217908, ONSLOW  
LOT 895 ON PLAN 217908, ONSLOW  
LOT 900 ON PLAN 217908, ONSLOW  
LOT 901 ON PLAN 217908, ONSLOW  
LOT 902 ON PLAN 217908, ONSLOW  
LOT 905 ON PLAN 217908, ONSLOW  
LOT 917 ON PLAN 217907, ONSLOW  
LOT 926 ON PLAN 217907, ONSLOW  
LOT 927 ON PLAN 217907, ONSLOW  
LOT 928 ON PLAN 217907, ONSLOW  
LOT 929 ON PLAN 217907, ONSLOW  
LOT 932 ON PLAN 217907, ONSLOW  
LOT 943 ON PLAN 217907, ONSLOW  
LOT 572 ON PLAN 65686, ONSLOW  
LOT 865 ON PLAN 217908, ONSLOW  
LOT 866 ON PLAN 217908, ONSLOW  
LOT 867 ON PLAN 217908, ONSLOW  
LOT 868 ON PLAN 217908, ONSLOW  
LOT 869 ON PLAN 217908, ONSLOW  
LOT 870 ON PLAN 217908, ONSLOW  
LOT 871 ON PLAN 217908, ONSLOW  
LOT 874 ON PLAN 217908, ONSLOW  
LOT 875 ON PLAN 217908, ONSLOW  
LOT 876 ON PLAN 217908, ONSLOW  
LOT 898 ON PLAN 217908, ONSLOW  
LOT 899 ON PLAN 217908, ONSLOW  
LOT 341 ON PLAN 202376, ONSLOW  
LOT 447 ON PLAN 182626, ONSLOW  
LOT 339 ON PLAN 202376, ONSLOW  
LOT 968 ON PLAN 202376, ONSLOW  
LOT 359 ON PLAN 202376, ONSLOW  
LOT 358 ON PLAN 202376, ONSLOW  
LOT 357 ON PLAN 202376, ONSLOW  
LOT 354 ON PLAN 202376, ONSLOW  
LOT 389 ON PLAN 206976, ONSLOW  
LOT 390 ON PLAN 206976, ONSLOW  
LOT 391 ON PLAN 206976, ONSLOW  
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LOT 1000 ON PLAN 32782, ONSLOW  
LOT 653 ON PLAN 185449, ONSLOW  
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LOT 331 ON PLAN 202376, ONSLOW  
LOT 330 ON PLAN 202376, ONSLOW  
LOT 317 ON PLAN 202376, ONSLOW

LOT 318 ON PLAN 202376, ONSLOW  
LOT 319 ON PLAN 202376, ONSLOW  
LOT 944 ON PLAN 191012, ONSLOW  
LOT 934 ON PLAN 189873, ONSLOW  
LOT 935 ON PLAN 189873, ONSLOW  
LOT 634 ON PLAN 214895, ONSLOW  
LOT 636 ON PLAN 214895, ONSLOW  
LOT 625 ON PLAN 214895, ONSLOW  
LOT 637 ON PLAN 214895, ONSLOW  
LOT 633 ON PLAN 214895, ONSLOW  
LOT 638 ON PLAN 214895, ONSLOW  
LOT 639 ON PLAN 214895, ONSLOW  
LOT 640 ON PLAN 214895, ONSLOW  
LOT 628 ON PLAN 214895, ONSLOW  
LOT 10 ON PLAN 54799, ONSLOW  
LOT 11 ON PLAN 54799, ONSLOW  
LOT 570 ON PLAN 65684, ONSLOW  
LOT 303 ON PLAN 49430, ONSLOW  
LOT 16 ON PLAN 161140, ONSLOW  
LOT 305 ON PLAN 49430, ONSLOW  
LOT 15 ON PLAN 144118, ONSLOW  
ROAD RESERVE, PEEDAMULLA  
LOT 173 ON PLAN 240367, ONSLOW  
LOT 132 ON PLAN 168861, ONSLOW  
LOT 283 ON PLAN 219235, ONSLOW  
LOT 270 ON PLAN 216771, ONSLOW  
LOT 87 ON PLAN 215492, ONSLOW  
LOT 555 ON PLAN 61416, ONSLOW  
LOT 83 ON PLAN 184612, ONSLOW  
LOT 185 ON PLAN 219197, ONSLOW  
LOT 81 ON PLAN 184611, ONSLOW  
LOT 80 ON PLAN 214441, ONSLOW  
LOT 72 ON PLAN 214441, ONSLOW  
LOT 74 ON PLAN 214441, ONSLOW  
LOT 73 ON PLAN 214441, ONSLOW  
LOT 220 ON PLAN 219198, ONSLOW  
LOT 360 ON PLAN 67600, PEEDAMULLA  
LOT 561 ON PLAN 174170, ONSLOW  
LOT 500 ON PLAN 53870, ONSLOW  
LOT 149 ON PLAN 220384, PEEDAMULLA  
LOT 658 ON PLAN 186900, ONSLOW  
LOT 1 ON PLAN 45831, ONSLOW  
LOT 300 ON PLAN 67927, ONSLOW  
ONSLOW TOWNSITE LOT 414, ONSLOW  
LOT 381 ON PLAN 205462, ONSLOW  
LOT 574 ON PLAN 180574, ONSLOW  
LOT 594 ON PLAN 183922, ONSLOW  
LOT 310 ON PLAN 202376, ONSLOW  
LOT 309 ON PLAN 202376, ONSLOW  
LOT 349 ON PLAN 202376, ONSLOW  
LOT 350 ON PLAN 202376, ONSLOW  
LOT 351 ON PLAN 202376, ONSLOW  
LOT 1 ON DIAGRAM 54399, ONSLOW  
LOT 345 ON PLAN 202376, ONSLOW  
LOT 3 ON PLAN 36284, ONSLOW  
LOT 306 ON PLAN 202376, ONSLOW  
LOT 307 ON PLAN 202376, ONSLOW  
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LOT 214 ON PLAN 194560, ONSLOW  
LOT 76 ON PLAN 214441, ONSLOW  
LOT 571 ON PLAN 65685, ONSLOW  
LOT 77 ON PLAN 214441, ONSLOW  
LOT 592 ON PLAN 183750, ONSLOW  
LOT 593 ON PLAN 183750, ONSLOW  
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LOT 693 ON PLAN 216606, ONSLOW  
LOT 678 ON PLAN 216606, ONSLOW  
LOT 681 ON PLAN 216606, ONSLOW  
LOT 680 ON PLAN 216606, ONSLOW  
LOT 679 ON PLAN 216606, ONSLOW  
LOT 973 ON PLAN 220439, ONSLOW



LOT 689 ON PLAN 216606, ONSLOW  
LOT 685 ON PLAN 216606, ONSLOW  
LOT 690 ON PLAN 216606, ONSLOW  
LOT 684 ON PLAN 216606, ONSLOW  
LOT 683 ON PLAN 216606, ONSLOW  
LOT 682 ON PLAN 216606, ONSLOW  
LOT 655 ON PLAN 216364, ONSLOW  
LOT 401 ON PLAN 206976, ONSLOW  
LOT 402 ON PLAN 206976, ONSLOW

**Colloquial name:**  
**Local Government Authority:** Shire of Ashburton  
**DER Region:** North West  
**DPaW District:**  
**LCDC:**  
**Localities:** Onslow and Peedamulla

#### 1.4. Application

<b>Clearing Area (ha)</b> 26	<b>No. Trees</b>	<b>Method of Clearing</b> Mechanical Removal	<b>For the purpose of:</b> Water/gas/cable/pipeline/power installation
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#### 1.5. Decision on application

<b>Decision on Permit Application:</b>	Grant
<b>Decision Date:</b>	16 April 2015

## 2. Site Information

### 2.1. Existing environment and information

#### 2.1.1. Description of the native vegetation under application

<b>Vegetation Description</b>	<b>Clearing Description</b>	<b>Vegetation Condition</b>	<b>Comment</b>
Three Beard vegetation types are mapped within the applied area:  Mapped Beard vegetation association 117 is described as Hummock grasslands, grass steppe; soft spinifex.  Mapped Beard vegetation association 676 is described as Succulent steppe; samphire.  Mapped Beard vegetation association 127 is described as Bare areas; mud flats.  (Shepherd et al, 2001)	The proposal is for clearing of 26 hectares of native vegetation for the purpose of installing underground power lines and associated infrastructure upgrades including decommissioning of existing infrastructure, upgrading of existing infrastructure and new infrastructure installation within the Township of Onslow.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).	Condition of Vegetation assessed using aerial imagery.

## 3. Assessment of application against clearing principles

### Comments

This amendment has been made to extend the period in which clearing is authorised until July 2018 and extend the permit duration until July 2024.

The assessment against the clearing principles has not changed and can be found in Decision Report CPS 4587/1.

### 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 4587/1.

### Methodology

## 4. References

- 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.