



## CLEARING PERMIT

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

<b>Purpose permit number:</b>	CPS 4350/1
<b>Permit holder:</b>	Regional Power Corporation TA Horizon Power
<b>Duration of permit:</b>	25 July 2011 – 25 July 2016

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 power line undergrounding 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**

South Hedland

**3. Area of Clearing**

- (a) Clearing of up to 20 hectares of native vegetation within the area cross hatched yellow on Plan 4350/1 between 25 July 2011 and 24 July 2012
- (b) Clearing of up to 2 hectares of native vegetation per year within the area cross hatched yellow on Plan 4350/1 between 25 July 2012 and 25 July 2016.

**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 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.

**6. 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

**7. 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.

## 8. 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.

## 9. 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, were required; and
  - (iii) laying the vegetative material and topsoil retained under condition 9(a).
- (c) within 24 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 9(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 9(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 9(c)(ii) of this permit, the Permit Holder shall repeat condition 9(c)(i) and 9(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 9(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 9(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 9(c)(ii).

### PART III - RECORD KEEPING AND REPORTING

10. 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 9 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*, and
  - (v) a copy of the environmental specialist's report.

### 11. 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 10 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) Prior to 25 April 2016, the Permit Holder must provide to the CEO a written report of records required under condition 10 of this Permit where these records have not already been provided under condition 11(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 is engaged by the Permit Holder for the purpose of providing environmental advice, 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;

**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 50 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;

**optimal time** means the period from November to December; for undertaking direct seeding, and no planting without irrigation.

**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 a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.



---

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

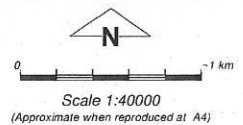
29 June 2011

# Plan 4350/1



## LEGEND

- Road Centrelines
- Local Government Authorities
- Clearing Instruments**
- Areas Applied to Clear (cont)
- Areas Subject to Conditions
- Areas Approved to Clear
- Port Hedland 50cm Orthomosaic - Landgate 2004
- Localities



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

Date 29/6/11  
 K Faulkner

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.





## 1. Application details

### 1.1. Permit application details

Permit application No.: 4350/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Regional Power Corporation TA Horizon Power

### 1.3. Property details

Property:

ROAD RESERVE ( SOUTH HEDLAND 6722)  
UNALLOCATED CROWN LAND ( SOUTH HEDLAND 6722)  
LOT 1702 ON PLAN 41871 ( SOUTH HEDLAND 6722)  
UNALLOCATED CROWN LAND ( SOUTH HEDLAND 6722)  
LOT 5164 ON PLAN 214200 (Lot No. 5164 SHOATA SOUTH HEDLAND 6722)  
LOT 2520 ON PLAN 180505 (House No. 25 NORTH CIRCULAR SOUTH HEDLAND 6722)  
LOT 2455 ON PLAN 211895 (Lot No. 2455 ROBERTS SOUTH HEDLAND 6722)  
ROAD RESERVE ( PORT HEDLAND 6721)  
UNALLOCATED CROWN LAND ( SOUTH HEDLAND 6722)  
LOT 2118 ON PLAN 29259 (Lot No. 2118 GREENE SOUTH HEDLAND 6722)  
LOT 3001 ON PLAN 193183 ( BOODARIE 6722)  
LOT 1902 ON PLAN 211426 (House No. 40 ROBERTS SOUTH HEDLAND 6722)  
LOT 1892 ON PLAN 211426 (House No. 2 PARKER SOUTH HEDLAND 6722)  
LOT 1816 ON PLAN 211426 (House No. 145 KENNEDY SOUTH HEDLAND 6722)  
LOT 1817 ON PLAN 211426 (House No. 143 KENNEDY SOUTH HEDLAND 6722)  
LOT 5954 ON PLAN 192870 (Lot No. 5954 KENNEDY SOUTH HEDLAND 6722)  
LOT 3249 ON PLAN 213768 (Lot No. 3249 BRAND SOUTH HEDLAND 6722)  
LOT 580 ON PLAN 67090 (Lot No. 580 FORREST SOUTH HEDLAND 6722)  
LOT 6058 ON PLAN 220277 (Lot No. 6058 EUCLA SOUTH HEDLAND 6722)  
LOT 306 ON PLAN 46146 (Lot No. 306 COLEBATCH SOUTH HEDLAND 6722)  
LOT 305 ON PLAN 46146 (House No. 2 COLEBATCH SOUTH HEDLAND 6722)  
LOT 500 ON PLAN 63966 (Lot No. 500 COLEBATCH SOUTH HEDLAND 6722)  
LOT 307 ON PLAN 46147 (Lot No. 307 FORREST SOUTH HEDLAND 6722)  
LOT 310 ON PLAN 50269 (Lot No. 310 HAMILTON SOUTH HEDLAND 6722)  
LOT 502 ON PLAN 64542 (Lot No. 502 SCADDEN SOUTH HEDLAND 6722)  
LOT 5812 ON PLAN 188633 (Lot No. 5812 FORREST SOUTH HEDLAND 6722)  
LOT 5162 ON PLAN 182506 (Lot No. 5162 COLEBATCH SOUTH HEDLAND 6722)  
LOT 4 ON DIAGRAM 67612 (Lot No. 4 THROSSELL SOUTH HEDLAND 6722)  
LOT 4509 ON PLAN 182568 (Lot No. 4509 MURDOCH SOUTH HEDLAND 6722)  
LOT 3720 ON PLAN 214019 (Lot No. 3720 MURDOCH SOUTH HEDLAND 6722)  
LOT 5249 ON PLAN 214805 (Lot No. 5245 MURDOCH SOUTH HEDLAND 6722)  
LOT 3834 ON PLAN 214354 ( SOUTH HEDLAND 6722)  
UNALLOCATED CROWN LAND ( SOUTH HEDLAND 6722)  
LOT 6163 ON PLAN 27471 (House No. 43 COTTIER SOUTH HEDLAND 6722)  
LOT 501 ON PLAN 53329 (House No. 31 MITCHIE SOUTH HEDLAND 6722)  
LOT 1852 ON PLAN 211426 (House No. 38 PEDLAR SOUTH HEDLAND 6722)  
LOT 1859 ON PLAN 211426 (House No. 35 PEDLAR SOUTH HEDLAND 6722)  
LOT 1860 ON PLAN 211426 (House No. 33 PEDLAR SOUTH HEDLAND 6722)  
LOT 4 ON DIAGRAM 59602 (House No. 8B CORBET SOUTH HEDLAND 6722)  
LOT 57 ON PLAN 35713 (House No. 1 MANNION SOUTH HEDLAND 6722)  
LOT 11 ON PLAN 13323 (House No. 10 ELLERY SOUTH HEDLAND 6722)  
LOT 56 ON PLAN 13323 ( SOUTH HEDLAND 6722)  
LOT 550 ON PLAN 61032 (Lot No. 550 HEDDITCH SOUTH HEDLAND 6722)  
LOT 5 ON PLAN 55266 (House No. 15 SOMERSET SOUTH HEDLAND 6722)  
LOT 9 ON PLAN 63532 (House No. 17 SOMERSET SOUTH HEDLAND 6722)  
LOT 1974 ON PLAN 211426 (House No. 9 CORBOYS SOUTH HEDLAND 6722)  
LOT 6162 ON PLAN 27471 (House No. 65 COTTIER SOUTH HEDLAND 6722)  
LOT 3173 ON PLAN 213742 (House No. 2 BARROW SOUTH HEDLAND 6722)

PORT HEDLAND TOWNSITE LOT 3247 (House No. 5 HAWKE SOUTH HEDLAND 6722)  
ROAD RESERVE ( SOUTH HEDLAND 6722)  
LOT 6099 ON PLAN 195138 (House No. 4 HAWKE SOUTH HEDLAND 6722)  
LOT 3 ON PLAN 44406 (Lot No. 3 HAMILTON SOUTH HEDLAND 6722)  
ROAD RESERVE ( SOUTH HEDLAND 6722)  
LOT 5159 ON PLAN 182507 (Lot No. 5159 THROSSELL SOUTH HEDLAND 6722)  
LOT 18 ON DIAGRAM 69909 (House No. 7 TONKIN SOUTH HEDLAND 6722)  
LOT 3145 ON PLAN 213742 (House No. 2 MITCHIE SOUTH HEDLAND 6722)  
LOT 3145 ON PLAN 213742 (House No. 2 MITCHIE SOUTH HEDLAND 6722)  
LOT 1 ON PLAN 44495 (House No. 11 PETTIT SOUTH HEDLAND 6722)  
LOT 5440 ON PLAN 185059 (House No. 2 SOUEY SOUTH HEDLAND 6722)  
LOT 3137 ON PLAN 213742 (House No. 13 FRISBY SOUTH HEDLAND 6722)  
LOT 3136 ON PLAN 213742 (House No. 15A FRISBY SOUTH HEDLAND 6722)  
LOT 2746 ON PLAN 213347 (House No. 3 ACACIA SOUTH HEDLAND 6722)  
LOT 2747 ON PLAN 213347 (House No. 5 ACACIA SOUTH HEDLAND 6722)  
LOT 13 ON PLAN 13307 (House No. 6 CADJIBUT SOUTH HEDLAND 6722)  
LOT 12 ON PLAN 13307 (House No. 4 CADJIBUT SOUTH HEDLAND 6722)  
LOT 9 ON PLAN 13307 (House No. 2 CADJIBUT SOUTH HEDLAND 6722)  
LOT 8 ON PLAN 13307 (House No. 3 CADJIBUT SOUTH HEDLAND 6722)  
LOT 32 ON PLAN 13307 (House No. 7 BLACKHEART SOUTH HEDLAND 6722)  
LOT 33 ON PLAN 13307 (House No. 5 BLACKHEART SOUTH HEDLAND 6722)  
LOT 357 ON PLAN 49431 (House No. 8 BLACKHEART SOUTH HEDLAND 6722)  
LOT 3111 ON PLAN 213743 (House No. 22 LOVELL SOUTH HEDLAND 6722)  
UNALLOCATED CROWN LAND ( SOUTH HEDLAND 6722)  
ROAD RESERVE ( SOUTH HEDLAND 6722)  
LOT 318 ON PLAN 58889 (House No. 7 PHALAROPE SOUTH HEDLAND 6722)  
LOT 6177 ON PLAN 28539 (House No. 75 COTTIER SOUTH HEDLAND 6722)  
LOT 188 ON PLAN 58351 (House No. 69 STANLEY SOUTH HEDLAND 6722)  
LOT 2429 ON PLAN 211919 (Lot No. 2429 COPPIN SOUTH HEDLAND 6722)  
LOT 5 ON PLAN 13325 (House No. 6 PETER SOUTH HEDLAND 6722)  
LOT 8 ON PLAN 13325 (House No. 8 PETER SOUTH HEDLAND 6722)  
LOT 11 ON PLAN 13325 (House No. 10 PETER SOUTH HEDLAND 6722)  
LOT 155 ON PLAN 13325 ( SOUTH HEDLAND 6722)  
LOT 59 ON PLAN 13312 (House No. 14 ANGUS SOUTH HEDLAND 6722)  
LOT 6119 ON PLAN 13312 ( SOUTH HEDLAND 6722)  
LOT 5318 ON PLAN 184511 (House No. 9 GREENE SOUTH HEDLAND 6722)  
LOT 5319 ON PLAN 184511 (House No. 11 GREENE SOUTH HEDLAND 6722)  
LOT 290 ON PLAN 63947 (House No. 10 GREENE SOUTH HEDLAND 6722)  
LOT 11 ON PLAN 13312 (House No. 9 EDWINS SOUTH HEDLAND 6722)  
LOT 12 ON PLAN 13312 (House No. 11 EDWINS SOUTH HEDLAND 6722)  
LOT 27 ON PLAN 13312 (House No. 12 EDWINS SOUTH HEDLAND 6722)  
LOT 15 ON PLAN 13312 (House No. 13 EDWINS SOUTH HEDLAND 6722)  
LOT 404 ON PLAN 32100 (House No. 8 EDWINS SOUTH HEDLAND 6722)  
LOT 405 ON PLAN 32100 (House No. 10 EDWINS SOUTH HEDLAND 6722)  
LOT 2125 ON PLAN 211918 (House No. 15 STANLEY SOUTH HEDLAND 6722)  
LOT 43 ON PLAN 13312 (House No. 2 ANGUS SOUTH HEDLAND 6722)  
LOT 46 ON PLAN 13312 (House No. 4 ANGUS SOUTH HEDLAND 6722)  
LOT 5406 ON PLAN 13312 (Lot No. 5406 ANGUS SOUTH HEDLAND 6722)  
LOT 1 ON DIAGRAM 46898 (Lot No. 1 TRAINE SOUTH HEDLAND 6722)  
LOT 70 ON PLAN 13332 (House No. 14 JUDITH SOUTH HEDLAND 6722)  
LOT 71 ON PLAN 13332 (House No. 16 JUDITH SOUTH HEDLAND 6722)  
LOT 156 ON PLAN 13332 ( SOUTH HEDLAND 6722)  
LOT 90 ON PLAN 13332 (House No. 2 JOHN SOUTH HEDLAND 6722)  
LOT 89 ON PLAN 13332 (House No. 11 JUDITH SOUTH HEDLAND 6722)  
LOT 93 ON PLAN 13332 (House No. 4 JOHN SOUTH HEDLAND 6722)  
LOT 75 ON PLAN 13332 (House No. 20 JUDITH SOUTH HEDLAND 6722)  
LOT 26 ON PLAN 13325 (House No. 2 JANICE SOUTH HEDLAND 6722)  
LOT 29 ON PLAN 13325 (House No. 4 JANICE SOUTH HEDLAND 6722)  
LOT 40 ON PLAN 13325 (House No. 1 JANICE SOUTH HEDLAND 6722)  
LOT 18 ON PLAN 13325 (House No. 5 PETER SOUTH HEDLAND 6722)  
LOT 19 ON PLAN 13325 (House No. 7 PETER SOUTH HEDLAND 6722)



LOT 22 ON PLAN 13325 (House No. 9 PETER SOUTH HEDLAND 6722)  
LOT 2290 ON PLAN 211918 (House No. 2 MAUGER SOUTH HEDLAND 6722)  
LOT 452 ON PLAN 63516 (Lot No. 452 MAUGER SOUTH HEDLAND 6722)  
LOT 106 ON PLAN 13326 (House No. 14 JOHN SOUTH HEDLAND 6722)  
LOT 107 ON PLAN 13326 (House No. 16 JOHN SOUTH HEDLAND 6722)  
LOT 124 ON PLAN 13326 (House No. 3 JOHN SOUTH HEDLAND 6722)  
LOT 127 ON PLAN 13326 (House No. 5 JOHN SOUTH HEDLAND 6722)  
LOT 128 ON PLAN 13326 (House No. 7 JOHN SOUTH HEDLAND 6722)  
LOT 2197 ON PLAN 211920 (House No. 14 REYNOLDS SOUTH HEDLAND 6722)  
LOT 907 ON PLAN 62299 (House No. 3 BEACON SOUTH HEDLAND 6722)  
LOT 3823 ON PLAN 186940 (House No. 40 TRAINER SOUTH HEDLAND 6722)  
LOT 4 ON PLAN 13328 (House No. 23 CATAMORE SOUTH HEDLAND 6722)  
LOT 1 ON PLAN 13328 (House No. 21 CATAMORE SOUTH HEDLAND 6722)  
LOT 176 ON PLAN 57673 (House No. 25 SNAPPY GUM SOUTH HEDLAND 6722)  
LOT 177 ON PLAN 57673 (House No. 27 SNAPPY GUM SOUTH HEDLAND 6722)  
LOT 126 ON PLAN 57673 (House No. 14 PUNDUL SOUTH HEDLAND 6722)  
LOT 139 ON PLAN 57673 (House No. 11 PUNDUL SOUTH HEDLAND 6722)  
LOT 5001 ON PLAN 58884 ( SOUTH HEDLAND 6722)  
LOT 56 ON PLAN 67001 (House No. 11 BUOY SOUTH HEDLAND 6722)  
LOT 58 ON PLAN 67001 (House No. 6 BUOY SOUTH HEDLAND 6722)  
LOT 2227 ON PLAN 211920 (House No. 2 MCDONALD SOUTH HEDLAND 6722)  
LOT 2241 ON PLAN 211920 (House No. 1 MCDONALD SOUTH HEDLAND 6722)  
LOT 25 ON DIAGRAM 94231 (House No. 6 FINCH SOUTH HEDLAND 6722)  
LOT 413 ON PLAN 40437 (House No. 1 HUXTABLE SOUTH HEDLAND 6722)  
LOT 815 ON DIAGRAM 95704 (House No. 8 TEAL SOUTH HEDLAND 6722)  
LOT 816 ON DIAGRAM 95704 (House No. 10 TEAL SOUTH HEDLAND 6722)  
LOT 3079 ON PLAN 213740 (House No. 20 HUXTABLE SOUTH HEDLAND 6722)  
LOT 6128 ON PLAN 195437 ( SOUTH HEDLAND 6722)  
LOT 18 ON PLAN 22369 (House No. 32 CENTENNIAL SOUTH HEDLAND 6722)  
LOT 19 ON PLAN 22369 (House No. 28 CENTENNIAL SOUTH HEDLAND 6722)  
LOT 20 ON PLAN 22369 (House No. 26 CENTENNIAL SOUTH HEDLAND 6722)  
LOT 7 ON PLAN 22369 (House No. 5 ARABELLA SOUTH HEDLAND 6722)  
LOT 34 ON PLAN 22369 (House No. 6 ARABELLA SOUTH HEDLAND 6722)  
LOT 105 ON PLAN 22513 (House No. 11 COCKATOO SOUTH HEDLAND 6722)  
LOT 106 ON PLAN 22513 (House No. 13 COCKATOO SOUTH HEDLAND 6722)  
LOT 107 ON PLAN 22513 (House No. 15 COCKATOO SOUTH HEDLAND 6722)  
LOT 108 ON PLAN 22513 (House No. 14 COCKATOO SOUTH HEDLAND 6722)  
LOT 2957 ON PLAN 213340 (House No. 83 PATON SOUTH HEDLAND 6722)  
LOT 118 ON PLAN 22513 (House No. 8 COTTIER SOUTH HEDLAND 6722)  
LOT 5000 ON PLAN 58884 ( SOUTH HEDLAND 6722)  
LOT 5996 ON PLAN 219941 (Lot No. 5996 COTTIER SOUTH HEDLAND 6722)  
LOT 6044 ON PLAN 219364 ( SOUTH HEDLAND 6722)  
LOT 10 ON PLAN 57666 (House No. 5 KANJI SOUTH HEDLAND 6722)  
LOT 11 ON PLAN 57666 (House No. 3 KANJI SOUTH HEDLAND 6722)  
LOT 5400 ON PLAN 215090 (House No. 7 COTTIER SOUTH HEDLAND 6722)  
LOT 5401 ON PLAN 215090 (House No. 5 COTTIER SOUTH HEDLAND 6722)  
LOT 604 ON DIAGRAM 94814 (House No. 5 CORELLA SOUTH HEDLAND 6722)  
LOT 2958 ON PLAN 29228 (Lot No. 6000 TRUMPET SOUTH HEDLAND 6722)  
LOT 5367 ON PLAN 215090 (House No. 28 ETREMA SOUTH HEDLAND 6722)  
LOT 5329 ON PLAN 215090 (House No. 4A ELTONA SOUTH HEDLAND 6722)  
LOT 5330 ON PLAN 215090 (House No. 3 ELTONA SOUTH HEDLAND 6722)  
LOT 5384 ON PLAN 215090 (House No. 2 PELL SOUTH HEDLAND 6722)  
LOT 5325 ON PLAN 215090 (House No. 85 PATON SOUTH HEDLAND 6722)  
LOT 121 ON PLAN 22513 (House No. 2 COTTIER SOUTH HEDLAND 6722)  
LOT 122 ON PLAN 22513 (House No. 2 COTTIER SOUTH HEDLAND 6722)  
LOT 2919 ON PLAN 213340 ( SOUTH HEDLAND 6722)  
LOT 2956 ON PLAN 213340 ( SOUTH HEDLAND 6722)  
LOT 3008 ON PLAN 213341 (Lot No. 3008 PELL SOUTH HEDLAND 6722)  
LOT 502 ON PLAN 57847 ( SOUTH HEDLAND 6722)  
LOT 3001 ON PLAN 213344 (House No. 133 PATON SOUTH HEDLAND 6722)  
LOT 21 ON PLAN 13306 (House No. 15 ABALONE SOUTH HEDLAND 6722)

LOT 24 ON PLAN 13306 (House No. 13 ABALONE SOUTH HEDLAND 6722)  
 LOT 25 ON PLAN 13306 (House No. 11 ABALONE SOUTH HEDLAND 6722)  
 LOT 500 ON PLAN 38684 (House No. 16 ABALONE SOUTH HEDLAND 6722)  
 LOT 503 ON PLAN 38684 (House No. 14 ABALONE SOUTH HEDLAND 6722)  
 LOT 121 ON PLAN 22662 (House No. 8 ORIOLE SOUTH HEDLAND 6722)  
 LOT 122 ON PLAN 22662 (House No. 6 ORIOLE SOUTH HEDLAND 6722)  
 LOT 33 ON PLAN 13303 (House No. 1 MUREX SOUTH HEDLAND 6722)  
 LOT 30 ON PLAN 13303 (House No. 3 MUREX SOUTH HEDLAND 6722)  
 LOT 29 ON PLAN 13303 (House No. 5 MUREX SOUTH HEDLAND 6722)  
 LOT 1 ON PLAN 13303 (House No. 2 MUREX SOUTH HEDLAND 6722)  
 LOT 5 ON PLAN 13303 (House No. 6 MUREX SOUTH HEDLAND 6722)  
 LOT 1 ON PLAN 13311 (House No. 1 COWRIE SOUTH HEDLAND 6722)  
 LOT 27 ON PLAN 13311 (House No. 4 COWRIE SOUTH HEDLAND 6722)  
 LOT 30 ON PLAN 13311 (House No. 2 COWRIE SOUTH HEDLAND 6722)  
 LOT 18 ON PLAN 13310 (House No. 2 PECTEN SOUTH HEDLAND 6722)  
 LOT 9 ON PLAN 13310 (House No. 13 PECTEN SOUTH HEDLAND 6722)  
 LOT 48 ON PLAN 33824 (House No. 11 PECTEN SOUTH HEDLAND 6722)  
 LOT 45 ON PLAN 33824 (House No. 9 PECTEN SOUTH HEDLAND 6722)  
 LOT 1 ON PLAN 13304 (House No. 1 STRONDS SOUTH HEDLAND 6722)  
 LOT 26 ON PLAN 13304 (House No. 2 STRONDS SOUTH HEDLAND 6722)  
 LOT 2 ON PLAN 13304 (House No. 3 STRONDS SOUTH HEDLAND 6722)  
 LOT 2556 ON PLAN 213344 (House No. 2 TRUMPET SOUTH HEDLAND 6722)  
 LOT 3001 ON PLAN 213344 (House No. 133 PATON SOUTH HEDLAND 6722)  
 LOT 5981 ON PLAN 219823 (House No. 2 PEPPER SOUTH HEDLAND 6722)  
 LOT 517 ON PLAN 63683 (House No. 2 FAIRLEAD SOUTH HEDLAND 6722)  
 LOT 610 ON PLAN 63683 (House No. 1 FAIRLEAD SOUTH HEDLAND 6722)  
 LOT 528 ON PLAN 63683 (House No. 4 BOW SOUTH HEDLAND 6722)  
 LOT 529 ON PLAN 63683 (House No. 6 BOW SOUTH HEDLAND 6722)  
 LOT 593 ON PLAN 63683 (House No. 18 NIX SOUTH HEDLAND 6722)  
 LOT 595 ON PLAN 63683 (House No. 48 NIX SOUTH HEDLAND 6722)  
 LOT 543 ON PLAN 63683 (House No. 10 BANKSIA SOUTH HEDLAND 6722)  
 LOT 552 ON PLAN 63683 (House No. 8 BANKSIA SOUTH HEDLAND 6722)  
 LOT 569 ON PLAN 63683 (House No. 11 MOORING SOUTH HEDLAND 6722)  
 LOT 534 ON PLAN 63683 (House No. 2 KEEL SOUTH HEDLAND 6722)  
 LOT 3002 ON PLAN 213344 (Lot No. 3002 DEMARCHI SOUTH HEDLAND 6722)  
 LOT 2978 ON PLAN 213347 (Lot No. 2978 KENNEDY SOUTH HEDLAND 6722)  
 LOT 2994 ON PLAN 213343 (Lot No. 2994 BORONIA SOUTH HEDLAND 6722)  
 LOT 2791 ON PLAN 213343 (Lot No. 2791 BORONIA SOUTH HEDLAND 6722)  
 LOT 105 ON PLAN 57669 (House No. 6 EUCALYPT SOUTH HEDLAND 6722)  
 LOT 108 ON PLAN 57669 (House No. 5 EUCALYPT SOUTH HEDLAND 6722)

Local Government Authority Town of Port Hedland

Colloquial name:

#### 1.4. Application

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

#### 1.5. Decision on application

Decision on Permit Application: Grant  
 Decision Date: 29 June 2011

## 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
Shepherd (2009) describes Beard vegetation 127 as Bare areas; mud flats; Beard vegetation 647 as Hummock grasslands, dwarf-shrub steppe; Acacia translucens over soft spinifex; and Beard vegetation 589 as Mosaic:	The proposal is to clear 20 ha of native vegetation within the first year and then 2 hectares of native vegetation per subsequent year. The clearing is to occur mostly within road reserves for the purpose of installing underground	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Condition of Vegetation assessed using aerial imagery

Short bunch grassland - power.  
savanna / grass plain  
(Pilbara) / Hummock  
grasslands, grass steppe;  
soft spinifex.

### 3. Assessment of application against clearing principles

The proposal is to clear 20 ha of native vegetation within the first year and then 2 hectares of native vegetation per subsequent year for the purpose of installing underground power lines. The clearing is to occur on various properties within the township of South Hedland, Port Hedland. The proposed method of clearing is to dig trenches 1m (w) by 0.5m (d) under existing aerial power lines to provide a more efficient and reliable supply of electricity.

There were 4 priority flora species recorded within the local area, one of those *Tephrosia rosea* var. *venulosa* (P1) is recorded within the application area. It is considered that although the vegetation under application has been subject to disturbances it remains in a good (Keighery 1994) condition, however the vegetation to be cleared is unlikely to be significant flora habitat.

Within the local area (10km radius) there were 10 fauna species of conservation significance. The closest records are the Northern Quoll (*Dasyurus hallucatus*), which was recorded 1.5km north west of application area and the Star Finch (western) (*Neochmia ruficauda subclarescens*), which is recorded 1.5km north of the application area (DEC 2007 - ). Therefore the proposed clearing area may contain significant habitat values for fauna native to Western Australia.

The assessment determined that the proposed clearing is not likely to significantly impact any biodiversity or environmental values or cause any appreciable land degradation within the local or regional context. Therefore, the proposed clearing may be at variance to principle (b) and considered not likely to be at variance to any of the remaining clearing.

**Methodology**    References:  
- DEC (2007 - )  
GIS databases:  
- Port Hedland 50cm Orthomosaic - Landgate 2004  
- SAC Biodatasets - accessed May 11

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

#### Comments

The proposal is for the purpose of installing underground power lines to provide a more efficient and reliable supply to the Township of South Hedland.

Application area falls within the groundwater "Pilbara" area covered by the Rights in Water and Irrigation Act 1914.

Application area falls within the Surface Water "Pilbara" area covered by the Rights in Water and Irrigation Act 1914.

There are multiple zonings under the local Town Planning Scheme.

**Methodology**    GIS Databases:  
- Cadastre  
- Town Planning Scheme Zones  
- RIWI Act, Groundwater areas  
- RIWI Act, Surface water areas, Irrigation districts

### 4. References

- EC (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 31/05/2011
- 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. (2009) Adapted from: 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
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment

DoIR	Department of Industry and Resources
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)