



## CLEARING PERMIT

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

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>Purpose Permit number:</b> | CPS 5182/2                          |
| <b>Permit Holder:</b>         | Oakajee Port and Rail Pty Ltd       |
| <b>Duration of Permit:</b>    | 23 November 2012 – 23 November 2022 |

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 geotechnical investigations.

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

LOT 12695 ON PLAN 35751 (NUNIERRA 6630)  
LOT 11802 ON PLAN 26343 (House No. 469 WANDINA NUNIERRA 6630)  
LOT 11803 ON PLAN 28258 (SOUTH MURCHISON 6635)  
LOT 11804 ON PLAN 238483 (NUNIERRA 6630)  
LOT 11805 ON PLAN 28259 (SOUTH MURCHISON 6635)  
LOT 11806 ON PLAN 238407 (YALGOO 6635)  
LOT 11810 ON PLAN 220399 (WOOLGORONG 6630)  
LOT 11811 ON PLAN 220764 (SOUTH MURCHISON 6635)  
LOT 11812 ON PLAN 221150 (YALGOO 6635)  
LOT 11993 ON PLAN 92247 (WOOLGORONG 6630)  
LOT 12 ON PLAN 238345 (PEAK HILL 6642)  
LOT 12559 ON PLAN 221137 (NUNIERRA 6630)  
LOT 12630 ON PLAN 28859 (SOUTH MURCHISON 6635)  
LOT 12712 ON PLAN 35751 (NUNIERRA 6630)  
LOT 128 ON PLAN 221115 (WELD RANGE 6640)  
LOT 132 ON PLAN 220349 (WELD RANGE 6640)  
LOT 133 ON PLAN 238195 (WELD RANGE 6640)  
LOT 14 ON PLAN 238307 (SOUTH MURCHISON 6635)  
LOT 142 ON PLAN 238307 (WELD RANGE 6640)  
LOT 20 ON PLAN 238058 (EAST MURCHISON 6640)  
LOT 27 ON PLAN 221115 (WELD RANGE 6640)  
LOT 28 ON PLAN 220349 (WELD RANGE 6640)  
LOT 30 ON PLAN 238195 (WELD RANGE 6640)  
LOT 300 ON PLAN 64844 (NUNIERRA 6630)  
LOT 301 ON PLAN 64845 (NUNIERRA 6630)  
LOT 33 ON PLAN 220781 (MEEKATHARRA 6642)  
LOT 34 ON PLAN 220918 (MEEKATHARRA 6642)  
LOT 35 ON PLAN 238323 (EAST MURCHISON 6640)  
LOT 36 ON PLAN 238366 (MEEKATHARRA 6642)  
LOT 6378 ON PLAN 226774 (NUNIERRA 6630)  
LOT 6379 ON PLAN 226774 (NUNIERRA 6630)

LOT 7433 ON PLAN 202668 (NUNIERRA 6630)  
LOT 7624 ON PLAN 202677 (NUNIERRA 6630)  
LOT 7625 ON PLAN 202676 (NUNIERRA 6630)  
LOT 7632 ON PLAN 202669 (NUNIERRA 6630)  
LOT 86 ON PLAN 238307 (YALGOO 6635)  
LOT 91 ON PLAN 220764 (SOUTH MURCHISON 6635)  
LOT 94 ON PLAN 220763 (SOUTH MURCHISON 6635)  
PART LOT 32 ON PLAN 220341 (MEEKATHARRA 6642)  
UNALLOCATED CROWN LAND (NUNIERRA 6630)  
VICTORIA LOCATION 11706 (SOUTH MURCHISON 6635)  
BERINGARRA -CUE ROAD RESERVE (PIN: 11727220; 11727219) (WELD RANGE 6640)  
BERINGARRA -PINDAR ROAD RESERVE (PIN: 11668438) (SOUTH MURCHISON 6640)  
CARNARVON -MULLEWA ROAD RESERVE (PIN: 11663862) (NUNIERRA 6630)  
UNAMED ROAD RESERVE (PIN: 11699571) (MEEKATHARRA 6642)  
UNNAMED ROAD RESERVE (PIN: 11699570) (EAST MURCHISON 6640)  
UNNAMED ROAD RESERVE (PIN: 11706669; 11706951; 11706950) (WELD RANGE 6640)  
UNNAMED ROAD RESERVE (PIN: 11727293) (PEAK HILL 6642)  
WOOLGORONG -YUIN ROAD RESERVE (PIN: 11667415) (WOOLGORONG 6630)  
YALGOO NORTH ROAD RESERVE (PIN: 11665416) (YALGOO 6635)

**3. Area of Clearing**

The Permit Holder must not clear more than 120 hectares of native vegetation within the area hatched yellow on attached Plan 5182/2.

**4. Period in which clearing is authorised**

The Permit Holder shall not clear any native vegetation after 23 November 2017.

**5. 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.

**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 right to access land under the *Land Administration Act 1997* 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. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* who shall identify habitats/mounds suitable to be utilised by fauna species listed below:
- (i) *Egernia stokesii subsp. Badia* (western spiny-tailed skink);
  - (ii) *Acanthiza iredalei iredalei* (slender-billed thornbill); and
  - (iii) *Leipoa ocellata* (malleefowl)
- (b) Where *Egernia stokesii subsp. Badia* (western spiny-tailed skink) habitat is identified in relation to condition 10(a)(i) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified habitat, unless first approved by the CEO.
- (c) Where *Acanthiza iredalei iredalei* (slender-billed thornbill) habitat is identified in relation to condition 10(a)(ii) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified habitat, unless first approved by the CEO.
- (d) Where *Leipoa ocellata* (malleefowl) mounds are identified in relation to condition 10(a)(iii) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified *Leipoa ocellata* (malleefowl) mounds, unless first approved by the CEO.

## 11. Flora management

- (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *botanist* to inspect that area for the presence of rare flora listed in the *Wildlife Conservation (Rare Flora) Notice* and *priority flora* classes 1 and 2.
- (b) Where rare or *priority flora* classes 1 and 2 are identified in relation to condition 11(a) of this Permit, the Permit Holder shall ensure that:
- (i) no clearing occurs within 50 metres of identified rare flora, unless first approved by the CEO;
  - (ii) no clearing of identified rare flora occurs unless first approved under section 23F(4) of the *Wildlife Conservation Act 1950*;
  - (iii) no clearing of identified *priority flora* classes 1 and 2 occurs, unless first approved by the CEO; and
  - (iv) no clearing occurs within 20 metres of identified *priority flora* classes 1 and 2, unless first approved by the CEO.
- (c) Where *priority flora* classes 3, 4 and 5 and *undescribed flora* are known to occur, the Permit Holder shall ensure that:
- (i) no clearing occurs within 10 metres of the known locations of *priority flora* classes 3, 4 and 5 unless first approved by the CEO; and
  - (ii) no clearing occurs within 50 metres of the known locations of *undescribed flora*, unless first approved by the CEO.

## 12. Priority ecological community management

- (a) Prior to undertaking any clearing authorised under this Permit, the area(s) shall be inspected by an *environmental specialist* for the presence of *ecological community/ies*:
- (i) Jack Hills Vegetation Complex (banded ironstone formation); or
  - (ii) Tallering Peak Vegetation Complex; or
  - (iii) Weld Range Vegetation Complex (banded ironstone formation).
- (b) Where *ecological community/ies* are identified in relation to condition 12(a) the Permit Holder shall ensure that:
- (i) records of identified *ecological community/ies* are prepared and submitted to the CEO; and
  - (ii) no clearing occurs within 50m of the identified *ecological community/ies*, unless first approved by the CEO.

## 13. 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 in an area that has already been cleared.
- (b) at an *optimal time* within 12 months following completion of geotechnical investigations, *revegetate* and *rehabilitate* the area(s) that are not required for future scheduled approved development by:
- (i) ripping the ground on the contour to remove soil compaction; and
  - (ii) laying the vegetative material and topsoil retained under condition 13(a) on the cleared area(s) that are not required for future scheduled approved development.
- (c) within 24 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 13(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 13(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 13(c)(ii) of this permit, the Permit Holder shall repeat condition 13(c)(i) and 13(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 13(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 13(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 13(c)(ii).

### **PART III - RECORD KEEPING AND REPORTING**

#### **14. Records must 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;
  - (iii) the date that the area was cleared; and
  - (iv) the size of the area cleared (in hectares).
- (b) In relation to fauna management pursuant to condition 10 of this Permit:
  - (i) the location of each habitat identified recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; and
  - (ii) the species of fauna reasonably likely to utilise, or that have been observed utilising, the habitat/s.
- (c) In relation to flora management pursuant to condition 11 of this Permit:
  - (i) the location of each rare, *priority flora*, or *undescribed flora* species, 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; and
  - (ii) the species name of each rare, *priority flora*, or *undescribed flora* species identified.
- (d) In relation to the priority ecological community management management pursuant to condition 12 of this Permit:
  - (i) the location of the Jack Hills Vegetation Complex (banded ironstone formation), Talling Peak Vegetation Complex and Weld Range Vegetation Complex (banded ironstone formation) 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; and
  - (ii) the species composition, structure and density of each Jack Hills Vegetation Complex (banded ironstone formation), Talling Peak Vegetation Complex and/or Weld Range Vegetation Complex (banded ironstone formation) identified.
- (e) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 13 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); and
  - (iv) the species composition, structure and density of *revegetation* and *rehabilitation*.

#### **15. 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 14 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) Prior to 23 August 2022, the Permit Holder must provide to the CEO a written report of records required under condition 14 of this Permit where these records have not already been provided under condition 15(a) of this Permit.

## DEFINITIONS

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

**botanist** means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora;

**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;

**ecological community/ies** means a naturally occurring biological assemblage that occurs in a particular type of habitat (English and Blythe, 1997; 1999);

**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;

**fauna specialist** means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna;

**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 April to May for undertaking *direct seeding*, and the period from May to June for undertaking *planting*;

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

**priority flora** means those plant taxa described as priority flora classes 1, 2, 3, 4 or 5 in the *Department of Environment and Conservation's Threatened and Priority Flora List for Western Australia* (as amended);

**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;

**undescribed flora** means any flora taxa (either at the genetic, species or infraspecific level) that has been discovered, but not yet formally described as per the International Code of Botanical Nomenclature;

**weed/s** means any plant -

- (a) that is declared under the section 37 of the *Agriculture and Related Resources Protection Act 1976*;  
or
- (b) published in the Department of Environment and Conservation's Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

*Wildlife Conservation (Rare Flora) Notice* means those plant taxa gazetted as rare flora pursuant to section 23F(2) of the *Wildlife Conservation Act 1950* (as amended).



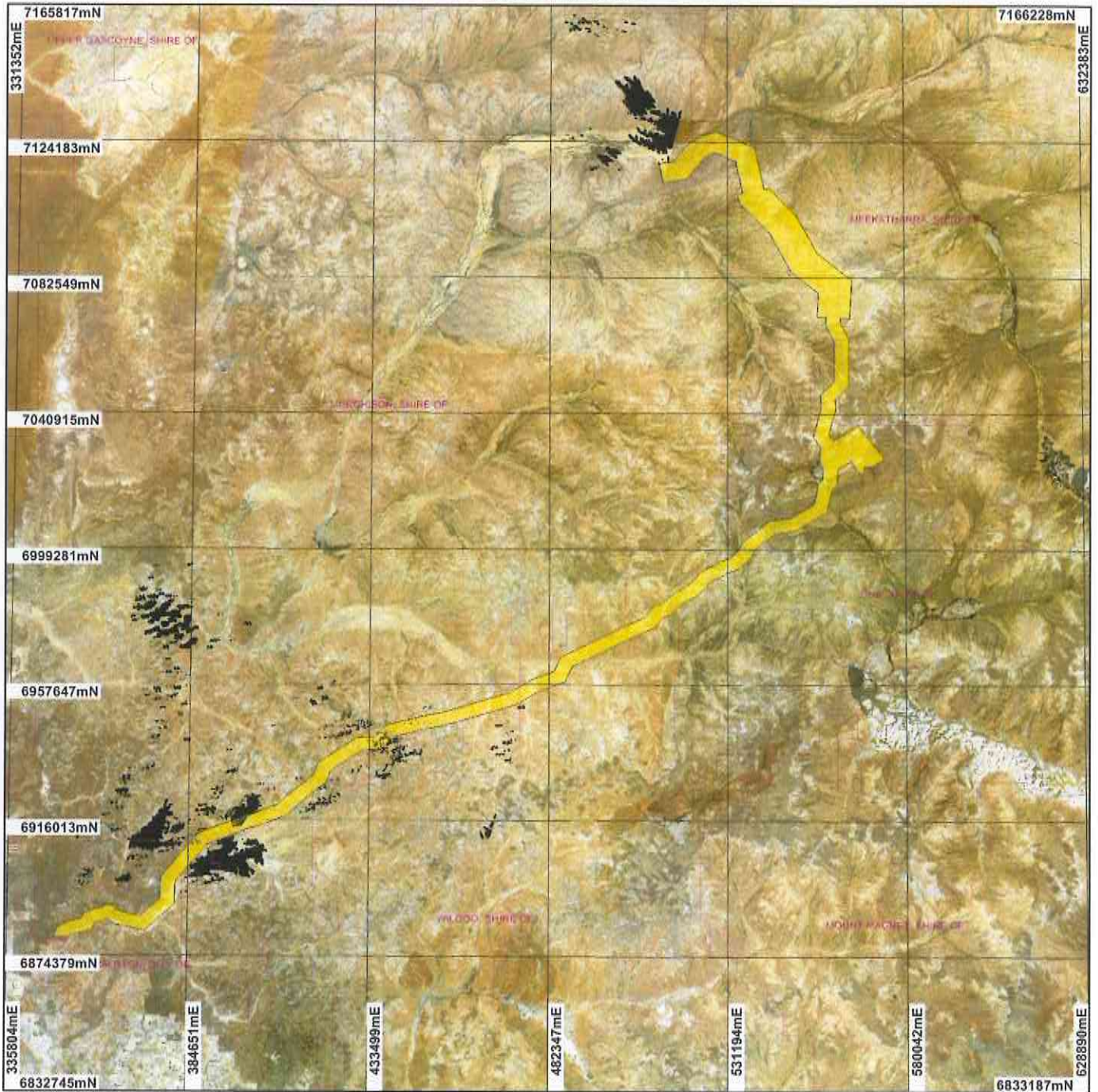
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M WARNOCK  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

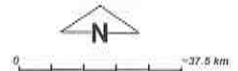
3 January 2013

# Plan 5182/2



## LEGEND

- Local Government Authorities Clearing Instruments
  - Areas Approved to Clear
- Western Australia Landsat Mosaic 25m - AGO 2006



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 **3.1.13**  
M Warnock

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

Our environment, our future  
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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.: 5182/2  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Oakajee Port and Rail Pty Ltd

### 1.3. Property details

Property:

- LOT 12695 ON PLAN 35751 (NUNIERRA 6630)
- LOT 11802 ON PLAN 26343 (House No. 469 WANDINA NUNIERRA 6630)
- LOT 11803 ON PLAN 28258 (SOUTH MURCHISON 6635)
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- UNNAMED ROAD RESERVE (PIN: 11727293) (PEAK HILL 6642)

Colloquial name:

Oakajee Port and Rail Development

## 1.4. Application

|                    |           |                    |                             |
|--------------------|-----------|--------------------|-----------------------------|
| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of:         |
| 120                |           | Mechanical Removal | Geotechnical investigations |

## 1.5. Decision on application

|                                 |                |
|---------------------------------|----------------|
| Decision on Permit Application: | Grant          |
| Decision Date:                  | 3 January 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   |
|---|--|--|---|
| The predominant four Beard Vegetation Associations mapped over the clearing footprint area are:           | The application is to clear up to 120 hectares of native vegetation within an approximately 207,000 hectare footprint for the purpose of geotechnical investigations for a proposed rail development.  | Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994) | Vegetation condition was determined through aerial imagery and adapted from descriptions provided in a Level 2 Vegetation and Flora Assessment (ecologia, 2010a). |
| 326 - Low woodland over scrub; mulga over bowgada & minnieritchie scrub;                                  | The average clearing at each point of interest is expected to be approximately 0.25 hectares (OPR, 2012).  | To   |   |
| 18 - Low woodland; mulga (Acacia aneura);   | The clearing footprint area includes various Crown leases, road reserves and unallocated Crown land within the 'Modified Feasibility Corridor' project area in the City of Greater Geraldton and the Shires of Yalgoo, Cue, Murchison and Meekatharra.   | Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)   |   |
| 29 - Sparse low woodland; mulga, discontinuous in scattered groups;                                       | The area under application is primarily pastoral leasehold land that has been subjected to a history of pastoral activities and grazing pressure from livestock and introduced fauna is the predominant disturbance factor (ecologia, 2010a). Approximately 33 per cent to the vegetation under application is described as being affected by minimal disturbance, with 36 per cent exhibiting moderate and 22 per cent significant disturbance (ecologia, 2010a). |  |   |
| 40 - Shrublands; acacia scrub, various species (Shepherd et al., 2001)                                    | The vegetation is considered to be in excellent to degraded (Keighery, 1994) condition, with disturbance caused by grazing and weeds reported by ecologia (2010a) to be apparent in some areas.  |  |   |
| Fourteen additional Beard Vegetation Associations mapped over the clearing footprint area are:            |  |  |   |
| 39 - Shrublands; mulga scrub;   |  |  |   |
| 182 - Low woodland; mulga & bowgada (Acacia ramulosa);  |  |  |   |
| 202 - Shrublands; mulga & Acacia quadrimarginea scrub;  |  |  |   |
| 204 - Succulent steppe with open scrub; scattered mulga & Acacia sclerosperma over saltbush & bluebush;   |  |  |   |
| 228 - Shrublands; Acacia quadrimarginea scrub;  |  |  |   |
| 240 - Succulent steppe with open scrub; scattered Acaica sclerosperma & bowgada over saltbush & bluebush; |  |  |   |
| 268 - Succulent steppe with open scrub; scattered Acacia sclerosperma over saltbush & bluebush;           |  |  |   |
| 364 - Shrublands; bowgada scrub with scattered eucalypts & cypress pine;                                  |  |  |   |
| 404 - Shrublands; bowgada & Acacia murrayana scrub;   |  |  |   |
| 420 - Shrublands; bowgada & jam scrub;  |  |  |   |
| 676 - Succulent steppe; samphire;   |  |  |   |
| 687 - Shrublands; bowgada & jam scrub with scattered Allocasuarina heugelliana & York gum;                |  |  |   |
| 1125 - Succulent steppe with scrub; Acacia victoriae & snakewood over saltbush & bluebush;                |  |  |   |
| 2081 - Shrublands; bowgada and  |  |  |   |

associated spp. scrub  
(Shepherd et al., 2001)

### 3. Assessment of application against clearing principles

#### Comments

An administrative error was noted in clearing permit CPS 5182/1 at condition 11, relating to flora management. As a result, CPS 5182/2 was created to correct the error. A review of current environmental information reveals no new additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 5182/1.

#### Methodology

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

#### Comments

The assessment against Planning and Other Matters has not changed and can be found in Clearing Permit Decision Report CPS 5182/1

#### Methodology

### 4. References

- Ecologia (2010a) Vegetation and Flora Assessment for Oakajee Port and Rail Proposed Rail Corridor. Ecologia Environment, May 2010. DEC Ref: A A528924
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- OPR (2012) Application and Supporting Documentation and Correspondence for Clearing Permit CPS 5182/1. Oakajee Port and Rail Pty Ltd. DEC Ref: A528924
- 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)                    |