



## **CLEARING PERMIT**

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

<b>Purpose Permit number:</b>	CPS 6307/2
<b>Permit Holder:</b>	API Management Pty Ltd
<b>Duration of Permit:</b>	10 October 2015 – 10 October 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 and hydrogeological investigations and access tracks.

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

Section 91 licence LIC00904/2010\_A5415788 within:

PART LOT 264 ON PLAN 220363, MAITLAND

LOT 530 ON PLAN 221145, MAITLAND

UNALLOCATED CROWN LAND (PIN 705727, PIN 705734), MAITLAND

ROAD RESERVE (PIN 11733142, PIN 11733143, 11733147, PIN 11733152, PIN 11733154), MAITLAND

LOT 51 ON PLAN 174225, MAITLAND

CLOSED ROAD (PIN 705740), MAITLAND

LOT 666 ON PLAN 30491, MAITLAND

LOT 3002 ON PLAN 42721, MAITLAND

LOT 3000 ON PLAN 42721, MAITLAND

LOT 604 ON PLAN 66691, COOYA POOYA

LOT 601 ON PLAN 66690, COOYA POOYA

LOT 286 ON PLAN 242018, MAITLAND

LOT 32 ON PLAN 47815, MAITLAND

LOT 149 ON PLAN 184653, COOYA POOYA

LOT 126 ON PLAN 183297, COOYA POOYA

LOT 609 ON PLAN 66691, COOYA POOYA

LOT 302 ON PLAN 66692, MAITLAND

LOT 555 ON PLAN 74205, COOYA POOYA

LOT 602 ON PLAN 66690, COOYA POOYA

LOT 605 ON PLAN 66691, COOYA POOYA

LOT 530 ON PLAN 221145, COOYA POOYA

LOT 532 ON PLAN 221145, COOYA POOYA

ROAD RESERVE (PIN 11733148, PIN 11733149, PIN 11733150), COOYA POOYA

UNALLOCATED CROWN LAND (PIN 705693), COOYA POOYA  
LOT 303 ON PLAN 66693, COOYA POOYA  
CROWN RESERVE (18571), COOYA POOYA  
LOT 259 ON PLAN 188815, COOYA POOYA  
LOT 187 ON PLAN 216485, COOYA POOYA  
LOT 260 ON PLAN 188815, COOYA POOYA

**3. Area of Clearing**

The Permit Holder shall not clear more than 50 hectares of native vegetation within the area cross hatched yellow on attached Plan 6307/2a.

**4. 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.

**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.

**PART II – MANAGEMENT CONDITIONS**

**6. Avoid, minimise and reduce the impacts and extent of 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.

**7. Flora and ecological community management**

- (a) Prior to undertaking any clearing within the area cross hatched red on attached Plan 6307/2b, the Permit Holder shall engage a botanist to undertake a *targeted flora survey* of the area(s) to be cleared in accordance with Environmental Protection Authority's *Technical Guidance* to identify possible occurrences of, *rare flora*, *priority flora* or *priority ecological communities*.
- (b) The Permit Holder shall ensure that no clearing occurs within 50 metres of *rare flora* or *priority flora*, or *priority ecological communities* identified in relation to condition 7(a) of this Permit, unless approved by the CEO in writing.

**8. 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) prior to 10 October 2022 *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;
  - (ii) ripping the ground on the contour to remove soil compaction; and

- (iii) laying the vegetative material and topsoil retained under condition 8(a) on the cleared area(s).
- (c) within 18 months of laying the vegetative material and topsoil on the cleared area(s) in accordance with condition 8(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 8(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 8(c)(ii) of this Permit, the Permit Holder shall repeat condition 8(c)(i) and 8(c)(ii) within 18 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 8(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 8(c)(ii), the CEO may require the Permit Holder to undertake additional planting and direct seeding in accordance with the requirements under condition 8(c)(ii).

## 9. Weed control

When undertaking any clearing or other activity pursuant to this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- (a) Clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) Ensure that no weed-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) Restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

## PART III - RECORD KEEPING AND REPORTING

### 10. 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 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;
  - (ii) the date that the area was cleared; and
  - (iii) the size of the area cleared (in hectares);
  - (iv) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 6 of this Permit; and
  - (v) actions taken to minimise the risk of the introduction and spread of *weeds* in accordance with condition 9 of this Permit.

- (b) In relation to flora and ecological communities management pursuant to condition 7 of this Permit:
- (i) the location of each *rare flora* and/or *priority 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;
  - (ii) the boundaries of each *priority ecological community* 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 name of each *rare flora*, *priority flora* and *priority ecological communities* identified; and
  - (iv) a copy of the *botanist's* flora survey report.
- (c) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 8 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 date the *revegetation* and *rehabilitation* activities were undertaken;
  - (v) the species composition, structure and density of *revegetation* and *rehabilitation*, and
  - (vi) 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 to 31 December of the preceding calendar 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 10 July 2022, 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:

***botanist***: means a person who holds a tertiary qualification in environmental science or equivalent, and has a minimum of 2 years work experience in identification and surveys of flora native to the bioregion being inspected or surveyed, or who is approved by the CEO as a suitable botanist for the bioregion;

***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;

**Technical Guidance** means the Environmental Protection Authority Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment (2016)

**local provenance** means native vegetation seeds and propagating material from natural sources within 50 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion 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;

**priority ecological communities** means those ecological communities described as priorities 1, 2, 3, 4, 5 in the *Department of Parks and Wildlife's Priority Ecological Communities list for Western Australia*;

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

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

**targeted flora survey:** means a field-based investigation, including a review of established literature, of the biodiversity of flora and vegetation of the Permit Area, focusing on habitat suitable for flora species that are being targeted and carried out during the optimal time to identify those species. Where target flora are identified in the Permit Area, the survey should also include sufficient surrounding areas to place the Permit Area into local context;

*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 Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



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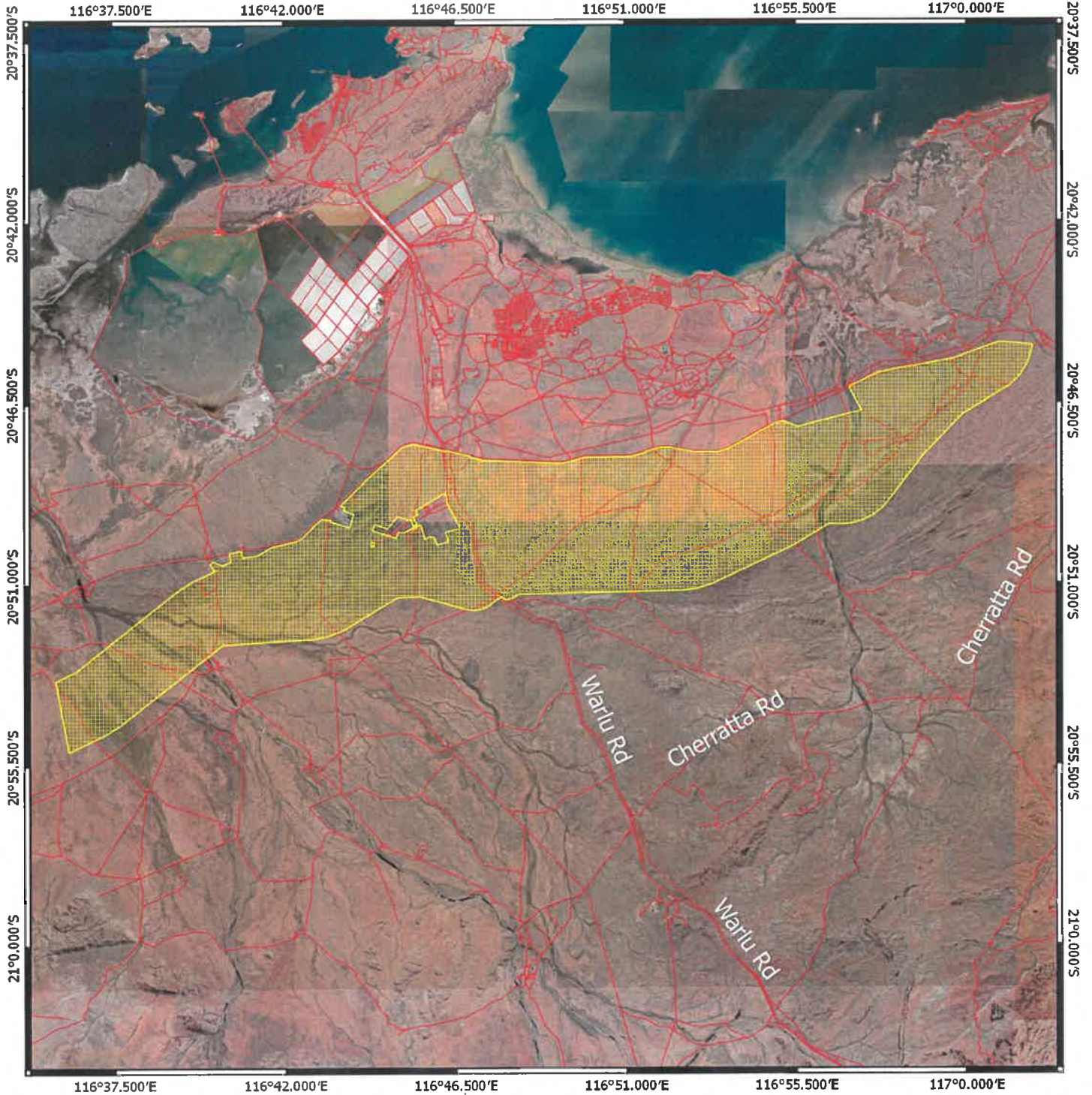
Samara Rogers  
MANAGER  
NATIVE VEGETATION REGULATION

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






1 October 2018



# Plan 6307/2a



## Legend

-  CPS areas approved to clear
-  CPS subject to conditions
-  Local Government Authorities
-  Roads
-  Cadastre

Image



5000 0 5000 10000 m



MGA 94  
Geocentric Datum of Australia 1994

*S. Rogers* Date 1/10/2018  
Sahara Rogers

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986

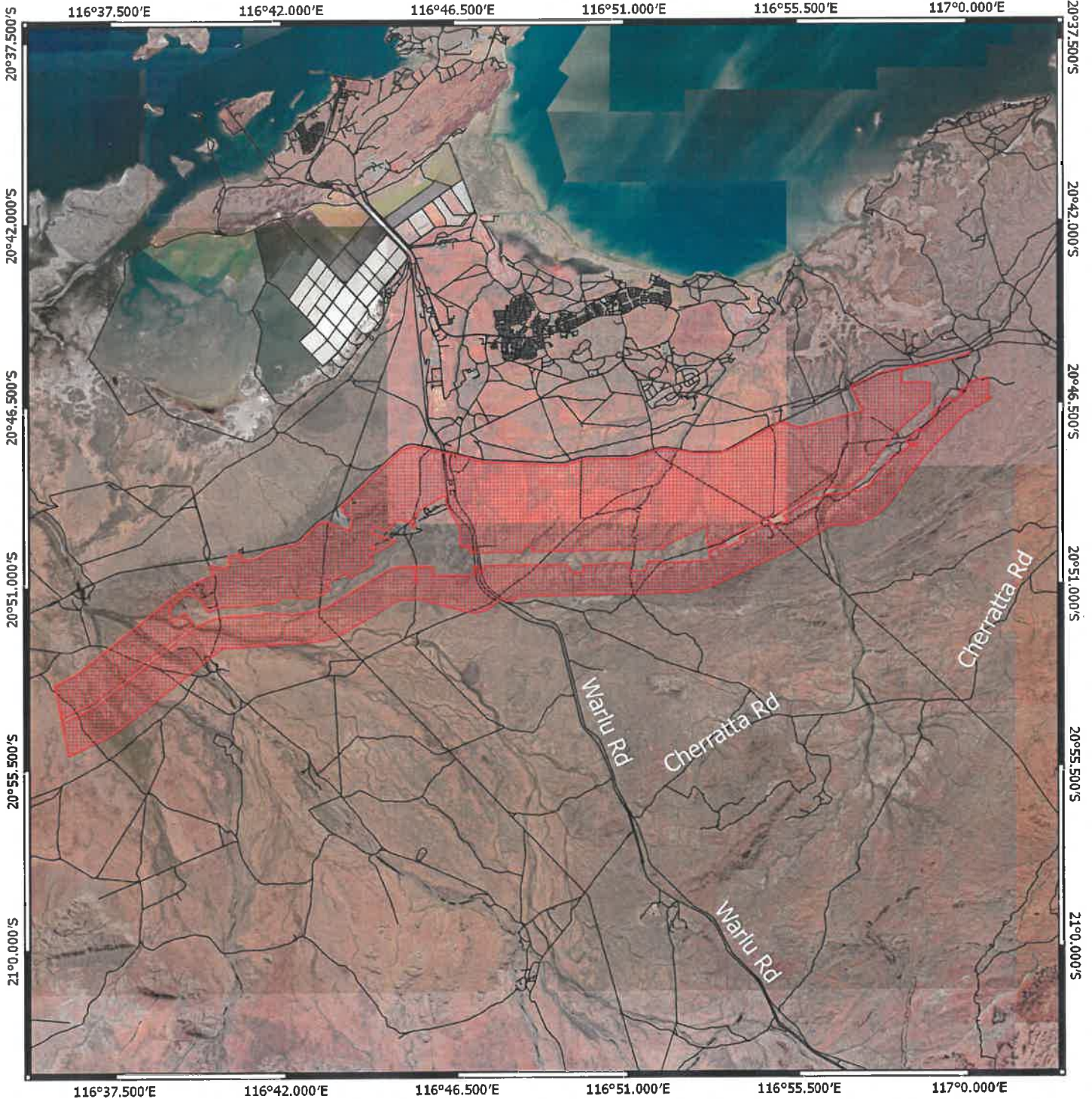


GOVERNMENT OF  
WESTERN AUSTRALIA







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# Plan 6307/2b



## Legend

-  CPS areas approved to clear
-  CPS subject to conditions
-  Local Government Authorities
-  Roads
-  Cadastre
-  Image



5000 0 5000 10000 m



MGA 94  
Geocentric Datum of Australia 1994

*S. Rogers* Date 1/16/2018  
Santara Rogers

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



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## 1. Application details

### 1.1. Permit application details

**Permit application No.:** CPS 6307/2  
**Permit type:** Purpose Permit

### 1.2. Applicant details

**Applicant's name:** API Management Pty Ltd

### 1.3. Property details

**Property:** Section 91 licence LIC00904/2010\_A5415788 within:  
PART LOT 264 ON PLAN 220363, MAITLAND  
LOT 530 ON PLAN 221145, MAITLAND  
UNALLOCATED CROWN LAND (PIN 705727, PIN 705734), MAITLAND  
ROAD RESERVE (PIN 11733142, PIN 11733143, 11733147, PIN 11733152, PIN 11733154), MAITLAND  
LOT 51 ON PLAN 174225, MAITLAND  
CLOSED ROAD (PIN 705740), MAITLAND  
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LOT 259 ON PLAN 188815, COOYA POOYA  
LOT 187 ON PLAN 216485, COOYA POOYA  
LOT 260 ON PLAN 188815, COOYA POOYA

**Local Government Authority:** City of Karratha  
**Localities:** MOUNT ANKETELL and MAITLAND and COOYA POOYA

### 1.4. Application

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

### 1.5. Decision on application

**Decision:** Amended  
**Decision Date:** 1 October 2018  
**Reasons for Decision:** This amendment was received on 6 July 2018 requesting to amend condition 4 'Period in which clearing is authorised' and amend condition 8.

The amendment application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. The Delegated Officer has concluded that the assessment has not changed since the assessment of 6307/1.

## 2. Site Information

**Clearing Description:** The application is to clear 50 hectares of native vegetation located within Section 91 licence LIC00904/2010\_A5415788, for the purposes of geotechnical, hydrogeological investigations and access tracks.

**Vegetation Description**

The vegetation under application is mapped as Beard vegetation association's (Shepherd et al, 2001):

- Beard Vegetation Association 157 is described as Hummock grasslands, grass steppe; hard spinifex, *Triodia wiseana*
- Beard Vegetation Association 641 is described as Medium woodland; coolabah & river gum
- Beard Vegetation Association 127 is described as Bare areas; mud flats
- Beard Vegetation Association 175 is described as Short bunch grassland - savanna/grass plain (Pilbara)
- Beard Vegetation Association 589 is described as Mosaic: Short bunch grassland - savanna / grass plain (Pilbara) / Hummock grasslands, grass steppe; soft spinifex

**Vegetation Condition**

Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)

To

Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994).

The vegetation under application is in a completely degraded to excellent (Keighery, 1994) condition (AECOM, 2010), with majority being in a good to very good (Keighery, 1994) condition (AECOM, 2010).

A Level 2 Flora and Vegetation Survey covering a portion of the application area identified 19 vegetation communities within five land system units (AECOM, 2010).

**3. Assessment of application against clearing principles**

The assessment against the 10 clearing principles outlined in Schedule 5 of the *Environmental Protection Act 1986* has not changed and can be found in the Decision Report for application CPS 6307/1.

**Planning instruments and other relevant matters.**

The assessment against planning instruments and other relevant matters has not changed and can be found in the Decision Report for application CPS 6307/1.

**4. References**

- AECOM (2010) Proposed Anketell Point Transport Corridor, Associated Borrow Pits and Communication Towers. Level 2 Flora and Vegetation Assessment. Perth, Western Australia. (DER Ref:A819865).
- 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, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.