



## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

<b>Purpose Permit number:</b>	CPS 3165/4
<b>Permit Holder:</b>	Chevron Australia Pty Ltd
<b>Duration of Permit:</b>	9 August 2009 – 29 May 2021

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 investigation.

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

Section 91 Licence Lic 00951/2008\_2\_105 within the following lots:

Lot 152 on Plan 220265 (TALANDJI, 6710)  
Lot 153 on Plan 220110 (TALANDJI, 6710)  
Lot 541 on Plan 69197 (TALANDJI, 6710)  
Lot 506 on Plan 69197 (TALANDJI, 6710)  
Lot 519 on Plan 69198 (TALANDJI, 6710)  
Lot 509 on Plan 69198 (TALANDJI, 6710)  
Lot 520 on Plan 69197 (TALANDJI, 6710)  
Lot 563 on Plan 71346 (TALANDJI, 6710)  
Lot 303 on Plan 49430 (TALANDJI, 6710)  
Road Reserve (PIN 11732819, TALANDJI, 6710)  
Road Reserve (PIN 11732815, TALANDJI, 6710)  
Road Reserve (PIN 11732816, TALANDJI, 6710)  
Road Reserve (PIN 11932801, TALANDJI, 6710)  
Road Reserve (PIN 11732817, TALANDJI, 6710)  
Road Reserve (PIN 11966515, TALANDJI, 6710)  
Road Reserve (PIN 11730554, TALANDJI, 6710)  
Road Reserve (PIN 11730561, TALANDJI, 6710)

#### 3. Area of Clearing

The Permit Holder must not clear more than 15 hectares of native vegetation within the area hatched yellow on attached Plan 3165/4.

#### 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

(a) 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 *Land Administration Act 1997* or any other written law.

(b) The Permit Holder shall not clear any native vegetation after 29 May 2012.

## 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. Flora Management

(a) Prior to undertaking any clearing authorised under this Permit, the site shall be inspected by a *flora specialist* for the presence of the following *priority flora taxa*:

- (i) *Triumfetta echinata* (Priority 3); and
- (ii) *Eremophila forestii* (Priority 3); and
- (iii) *Vigna sp. central* (Priority 2).

(b) Where *priority flora taxa* are identified in relation to condition 8(a) of this Permit, the Permit Holder shall ensure that:

- (i) all records of *priority flora taxa* are submitted to the CEO; and
- (ii) no clearing occurs with 10 metres of identified *priority flora taxa*, unless approved by the CEO.

### 9. Weed Control

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*:

- (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.

### 10. Retain and spread vegetative material

The Permit Holder shall:

- (a) Retain the vegetative material and topsoil removed by clearing authorised under this Permit
- (b) At an *optimal time* within 12 months following completion of activities under this permit; *revegetate* and *rehabilitate* areas not required for future scheduled and approved development;
- (c) Within 12 months following completion of activities under this permit conduct surveys of each of the vegetation communities to be rehabilitated to collect adequate information to assist setting completion criteria for rehabilitation;
- (d) Prepare the methodology of the survey required in condition 10(c) to be approved by the CEO;
- (e) Within 18 months following completion of activities under this permit develop completion criteria for rehabilitation for that area to be approved by the CEO;
- (f) After 5 years of the completion of rehabilitation, ensure that the percentage cover and species diversity of living self sustaining native vegetation in rehabilitation areas shall be comparable to the completion criteria required by condition 10(c); and
- (g) Ensure that no new species of declared weeds and environmental weeds shall be introduced into the rehabilitated areas which are likely to be attributed to the activities under this permit.

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

### **11. Records must be kept**

- (a) The Permit Holder must maintain the following records for activities done pursuant to this Permit 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 flora management pursuant to condition 8 of this Permit:
- (i) the location of *priority flora taxa* 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 *priority flora taxa* identified.
- (c) 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) a copy of the completion criteria for rehabilitation; and
  - (v) the species composition, structure and density of *revegetation* and *rehabilitation*.

### **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) Prior to 28 February 2021, 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;

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

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

*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;

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

*priority flora taxa* means those plant taxa that described as priority flora classes 1, 2, 3 or 4 in the *Department's Declared Rare 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;

*term* means the duration of this Permit, including as amended or renewed; and

*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 *Agricultural and Related Resources Protection Act 1976*.



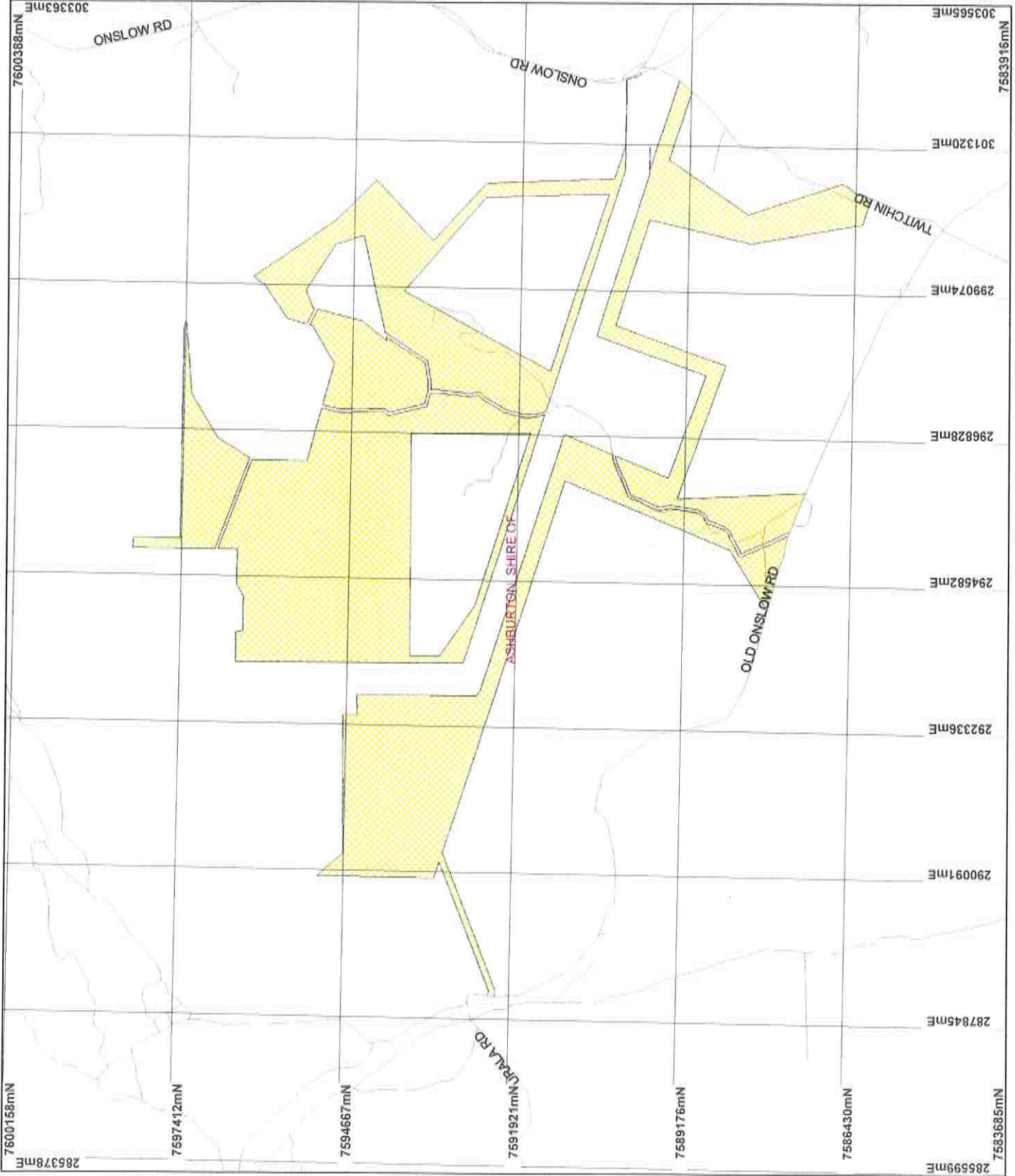
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Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

11 April 2012

# Plan 3165/4



## LEGEND

### Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre for labelling
- Local Government Authorities

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



0 1 2 km

Scale 1:83060

(Approximate when reproduced at A4)

Geocentric-Datum Australia 1994

Note: The data of this map have not been  
checked. They may result in geometric  
distortion or measurement inaccuracies.

*K Faulkner*  
Date 11/12/12

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.



Department of  
Environment and Conservation

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## 1. Application details

### 1.1. Permit application details

Permit application No.: 3165/4  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Chevron Australia Pty Ltd

### 1.3. Property details

Property: LOT 153 ON PLAN 220110 ( TALANDJI 6710)  
LOT 152 ON PLAN 220265 ( TALANDJI 6710)  
LOT 303 ON PLAN 49430 ( ONSLOW 6710)  
ROAD RESERVE ( TALANDJI 6710)  
ROAD RESERVE ( TALANDJI 6710)  
Local Government Area: Shire of Ashburton  
Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 11 April 2012

## 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
Beard Vegetation Associations (Shepherd, 2009): 670 - Hummock grasslands, shrub steppe; scattered shrubs over <i>Triodia basedowii</i> 676 - Succulent steppe; samphire 127 - Bare areas; mud flats 589 - Mosaic: Short bunch grassland - savanna / grass plain (Pilbara) / Hummock grasslands, grass steppe; soft spinifex.	The application to clear 15 hectares of native vegetation is for the purpose of geotechnical investigations.  Previous inspections of homogenous areas identified the nearby vegetation to range in condition from degraded to excellent. The application area is likely to be in similar condition and is assessed as having an average very good (Keighery, 1994) condition.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The vegetation condition was determined through aerial photography (Western Australian Landsat 2006) and from previous surveys of nearby areas (Onshore 2008a and Onshore 2008b).

## 3. Assessment of application against clearing principles

### Comments

This amendment is to reduce the clearing permit footprint area, removing areas associated with Hooley Creek and Four Mile Creek. 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 3165/2.

### Methodology

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

### Comments

No submissions have been received.

### 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.
- Onshore, 2008a. Flora and vegetation survey. Ashburton North Project, Chevron Australia. Onshore Environmental Consultants Pty Ltd. August 2008 DOC75384
- Onshore, 2008b. Flora and vegetation survey. Ashburton North Project Area - Stage 2, Chevron Australia. Onshore Environmental Consultants Pty Ltd. November 2008 DOC75414

## 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)