



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7388/2
Permit Holder:	Shire of Perenjori
Duration of Permit:	9 May 2019 – 9 May 2024

ADVICE NOTE

In regards to condition 10 of this permit, the Permit Holder has allocated 21 hectares of its offset site at Lot 11902 on Deposited Plan 134847 (being Crown Reserve 12305). The nominated 21 hectares contains similar environmental values to the application area, being a representation of Beard vegetation association 352 in a good to very good condition.

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 undertaking road repairs and reconstruction.

2. Land on which clearing is to be done

Waterhouse Road road reserve (PIN 11664539), Maya
Waterhouse Road road reserve (PIN 1664266), Latham
Rowe Road road reserve (PIN 11664538), Latham
Martin Road road reserve (PIN 11664254), Maya
Lot 6617 on Deposited Plan 226684, Maya

3. Area of Clearing

The Permit Holder must not clear more than 4.54 hectares of native vegetation within the combined areas cross-hatched yellow on attached Plan 7388/2(a), Plan 7388/2(b) and Plan 7388/2(c).

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 the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

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 Management

When undertaking any clearing authorised under this Permit, the Permit Holder must:

- (a) mark identified individuals of priority flora species *Westringia ophioglossa* (P1);
- (b) demarcate a 50 metre buffer from identified individuals; and
- (c) not clear within the 50 metre buffer area.

8. Wind erosion management

The Permit Holder shall not clear native vegetation unless the works approved under condition 1 of this permit commence within three months of the authorised clearing being undertaken.

9. Dieback and weed control

When undertaking any clearing authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no known *dieback* or *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. Offset – Management Order

Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall provide to the CEO a copy of the amended Management Order for the area cross-hatched red on attached Plan 7388/2(d) within Lot 11902 on Deposited Plan 134847 (being Crown Reserve 12305).

PART III – RECORD KEEPING AND REPORTING

11. Record keeping

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(s) that the area was cleared;
 - (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* and *dieback* in accordance with condition 9 of this Permit.

12. Reporting

- (a) On or before 30 June of each year following the commencement of clearing authorised under this Permit, the Permit Holder must provide to the *CEO* a written report of records required under condition 11 of this Permit.
- (b) The Permit Holder must produce the records required under condition 11 of this Permit when required by the *CEO*.

DEFINITIONS

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

CEO means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

dieback means the effect of *Phytophthora* species on native vegetation;


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

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;

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

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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Ryan Mincham
MANAGER
NATIVE VEGETATION REGULATION

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

29 January 2020

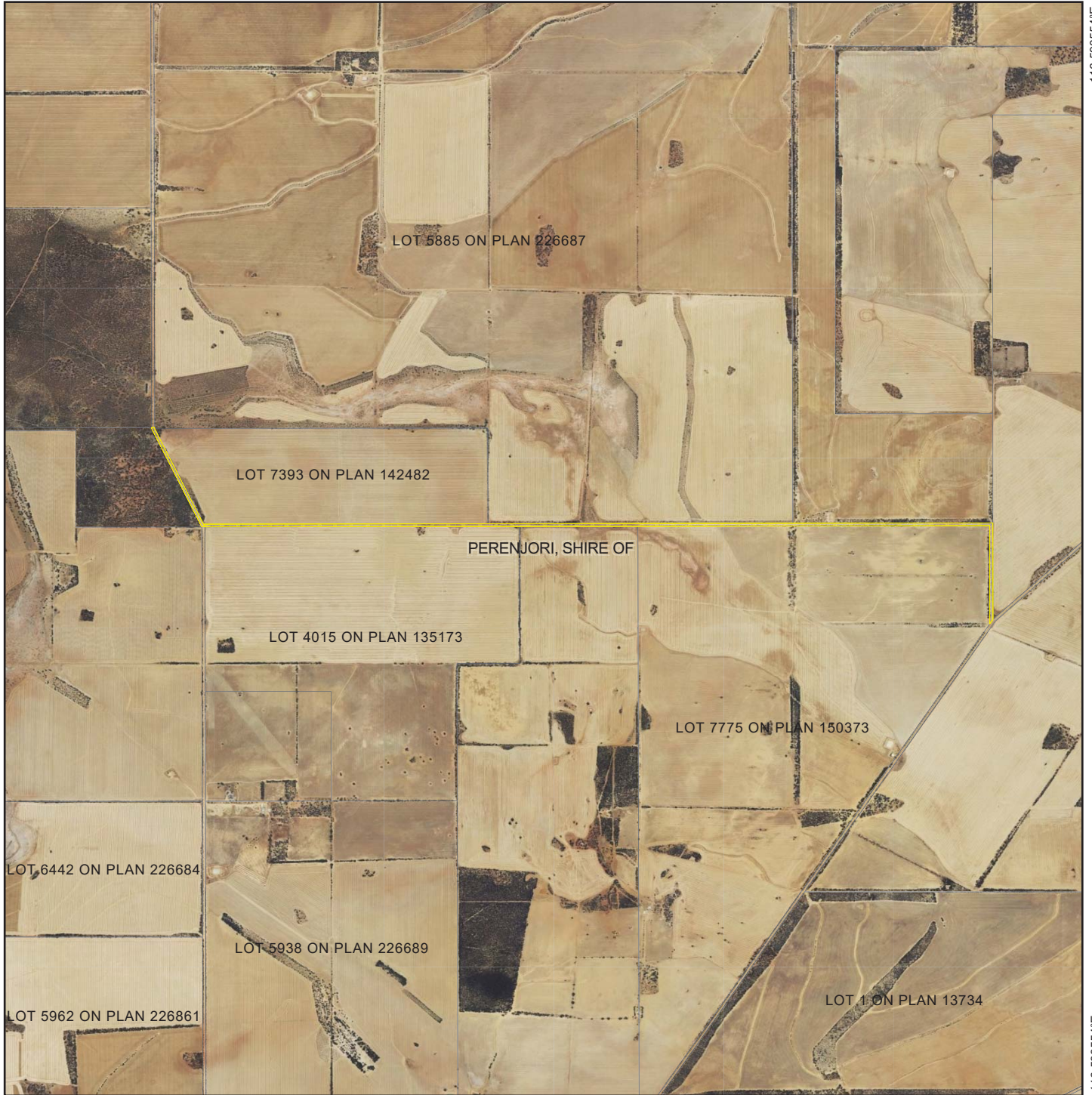
Plan 7388/2a

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Legend

- Imagery
- Clearing Instruments Activities
- Local Government Authority



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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

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Plan 7388/2b

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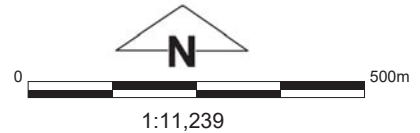
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Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



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Plan 7388/2c



Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



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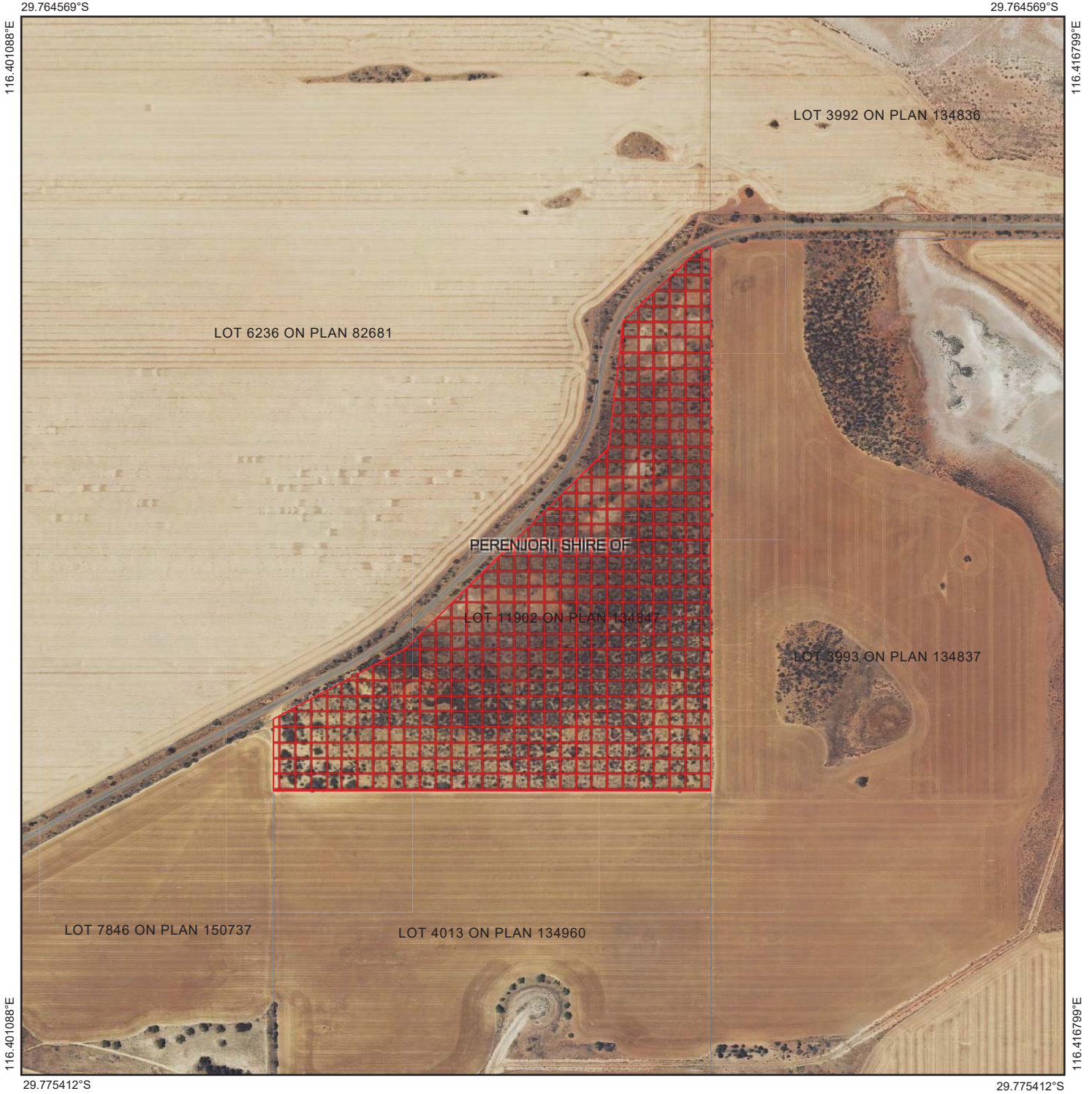
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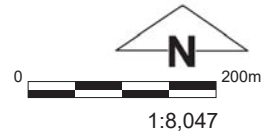
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Plan 7388/2d



Legend

-  Roads
-  Clearing Instruments Conditions
-  Imagery
-  Local Government Authority



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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 7388/2
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Perenjori

1.3. Property details

Property: Waterhouse Road road reserve (PIN 11664266), Latham
Waterhouse Road road reserve (PIN 11664539), Maya
Rowe Road road reserve (PIN 11664538), Latham
Martin Road road reserve (PIN 11664254), Maya
Lot 6617 on Deposited Plan 226684, Maya
Local Government Authority: Shire of Perenjori
Localities: Maya and Latham

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
4.54		Mechanical Removal	Road maintenance

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 29 January 2020
Reasons for Decision: This amendment has been made to implement the Minister for Environment's appeal determination. The Minister for Environment determined that the flora management condition should be amended to increase the buffer distance from 10 metres to 50 metres for any clearing occurring within close proximity of Priority 1 flora species *Westringia ophioglossa*.

The amended flora management condition requires the Permit Holder to clearly demarcate individual plants of Priority 1 flora species *Westringia ophioglossa*, apply and demarcate a 50 metre buffer to occurrences of *Westringia ophioglossa* and avoid clearing within the designated buffer(s).

2. Site Information

Clearing Description

The revised application is for the clearing of up to 4.54 hectares within a 39.1 hectare footprint of native vegetation within Waterhouse Road road reserve (PINs 1664266 and PIN 11664539), Rowe Road road reserve (PIN 11664538), Martin Road road reserve (PIN 11664254) and Lot 6617 on Deposited Plan 226684, Maya and Latham, for the purpose of undertaking road repairs and reconstruction.

The required clearing within the road reserves is outlined in the table below.

Road Name	Road Reserve Width (Approximate)	The Extent of Clearing	Linear Length of Clearing (Approximate)
Rowe Road	23 Metres	Clearing to occur both sides of the road at a width of one and a half metres	1.32 km
Waterhouse Road	23 Metres	Clearing to occur both sides of the road at a width of one and a half metres	6.5 km
Martin Road	20 Metres	Clearing to occur both sides of the road at a width of one and a half metres	7.2 km
Lot 6617 on Deposited Plan 226684	Is within Maya Nature Reserve (Benton Road)	As prescribed in the permission authorised by DBCA, clearing is restricted to two metres in width within the nature reserve.	0.8 km

Vegetation Description

The application area is mapped as the following Beard vegetation associations:

- 352: Medium woodland; York gum; and
- 435: Shrublands; *Acacia neurophylla*, *A. beauverdiana* and *A. resinomarginea* thicket; (Shepherd et al., 2001).

The Vegetation Communities identified with the application area are (One Tree Botanical, 2017):

A1: Open Mallee/Tree Forest to Open Woodland/Mallee Woodland dominated by *Eucalyptus loxophleba* (York Gum) but also typically *E. salmonophloia* (Salmon Gum), *E. salubris* (Gimlet), *E. moderata*, *E. subangusta* subsp. *subangusta* and/or *E. celastroides* subsp. *virella* over Open Chenopod Shrubland *Maireana brevifolia*, *Sclerolaena* spp., *Rhagodia drummondii*, *Enchylaena tomentosa* and Sparse Grassland to Grassland *Austrostipa elegantissima* on loamy flats.

A2: *Acacia acuminata* (Jam) over Open Chenopod Shrubland *Maireana brevifolia*, *Sclerolaena* spp., *Rhagodia drummondii*, *Enchylaena tomentosa* and Sparse Grassland to Grassland *Austrostipa elegantissima* on lower slopes and loamy flats (Transition community adjacent to Eucalyptus Woodlands).

B1: Sparse Heathland to Heathland dominated by *Melaleuca stereophloia* (Broombush) and *Melaleuca* spp. over Open Chenopod Shrubland dominated by *Maireana brevifolia*, *Rhagodia semibaccata* and *Enchylaena tomentosa* and Sparse Grassland to Grassland including *Monachather paradoxa* and *Austrostipa elegantissima* on clayey sands adjacent to saline valley floors.

B2: Closed Samphire Shrubland of *Tecticornia* spp. and/or *Sarcocornia* sp. (identifications pending) in saline valley floors.

C1: Tall Open to Closed Heathland typically of *Acacia resinomarginea*, *Acacia neurophylla* subsp. *erugata*, *Acacia stereophylla* var. *stereophylla* (Wattles), *Santalum acuminatum* (Quandong), *Hakea* spp. and/or *Allocasuarina acutivalvis*. Isolated Trees emergent Eucalyptus species typically *E. leptopoda* subsp. *arctata*, *E. subangusta* subsp. *pusilla*, *E. kochii* subsp. *kochii*. Sparse Heathland (1-2m) typically of *Grevillea paradoxa*, *Hibbertia arcuata*, *Gastrolobium laytonii*, *Melaleuca conothamnoides* and/or *Melaleuca cordata* over Isolated Grasses to Grassland of *Austrostipa elegantissima* and/or *Monachather paradoxa*. Structure modified from this in many instances, with various stages of regrowth or localised disturbance.

D1: Historically cleared areas. Mix of scattered native shrubs and trees over introduced and native grasses and herbs.

Rowe Road - Comprises predominately vegetation type C1 and a small section of vegetation type A1 towards the northern end. There are also areas of vegetation type D1 recorded within Rowe Road (One Tree Botanical, 2017). Approximately 1.5 kilometres at the northern end of Rowe Road application area has not been included within the survey.

Waterhouse Road – Comprises predominately vegetation type C1 with small areas of vegetation types A1, B1 and B2. The western section of Waterhouse Road was predominately vegetation type D1 (One Tree Botanical, 2017).

Martin Road - All vegetation types have been identified within Martin Road with the most dominant being vegetation type C1 (One Tree Botanical, 2017).

Lot 6617 on Deposited Plan 226684 being Maya Nature Reserve – The One Tree Botanical survey did not include this section, however a site inspection considers the vegetation to be a representation of vegetation types A1 and A2.

Vegetation Condition

Very Good; Vegetation structure altered; obvious signs of disturbance (Keighery, 1994).

To

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

Soil and Landform Type: The application area is mapped within the following land subsystems:

- Upsan Downs 1 Subsystem Map Unit 258UD_1, described as gently undulating rises and minor drainages; Yellow and brown deep sand and sandy earths, usually acid, some gravel, duplexes and loams and minor clay;
- Upsan Downs 6 Subsystem Map Unit 258UD_6 described as minor valleys, commonly with secondary salinity; sandy and loamy duplexes, commonly saline;
- Granada 4a Phase Map Unit 271Gn_4a described as Level to gently inclined alluvial flats and open depressions adjacent to the main drainage. Red sandy earth and red shallow loamy duplex. Salmon gum, Acacia, Salt bush, Caesia; and
- Pindar 1 Subsystem Map Unit 271Pi_1 described as gently undulating sandplain and long gentle slopes; acidic yellow and brown deep sands and sandy earths.

3. Assessment of application against clearing principles

This amendment has been made to implement the Minister for Environment's appeal determination.

A re-assessment against the clearing principles was not undertaken. An assessment of the clearing principles can be found in Clearing Permit Decision Report CPS 7388/1.

Planning instruments and other relevant matters.

The assessment against planning instruments and other matters has not changed and can be found in Clearing Permit Decision Report CPS 7388/1.

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.
- One Tree Botanical (2017) A Reconnaissance Flora and Vegetation Survey and Targeted Flora Survey (Limited) undertaken by One Tree Botanical from 6 to the 10 April, 2017. Survey is in relation to Clearing Permit CPS 7388/1 – Shire of Perenjori (DER Ref:A1451476).
- Schoknecht, N., Tille, P. and Purdie, B. (2004) Soil-landscape mapping in South-Western Australia – Overview of Methodology and outputs' Resource Management Technical Report No. 280. Department of Agriculture.
- 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.