



## CLEARING PERMIT

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

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Purpose Permit number:</b> | CPS 1891/4                        |
| <b>Permit Holder:</b>         | Shire of Bridgetown - Greenbushes |
| <b>Duration of Permit:</b>    | 25 October 2007 – 25 October 2027 |

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 gravel extraction, road widening and fire hazard zone establishment.

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

BLACKBUTT ROAD RESERVE (CATTERICK 6255)  
BROCKMAN HIGHWAY ROAD RESERVE (MARANUP 6256)  
CATTERICK ROAD RESERVE (CATTERICK 6255)  
CORBALUP ROAD RESERVE (KINGSTON 6256)  
DONNELLY MILL ROAD RESERVE (WANDILLUP 6256)  
DONNELLY MILL ROAD RESERVE (YORNUP 6256)  
EEDLE TERRACE ROAD RESERVE (BRIDGETOWN 6255)  
GRAYS HILL ROAD RESERVE (BRIDGETOWN 6255)  
GREENBUSHES - BOYUP BROOK ROAD RESERVE (CATTERICK 6255)  
HESTER CASCADES ROAD RESERVE (HESTER BROOK 6255)  
JAYES ROAD RESERVE (WINNEJUP 6255)  
LOT 10974 ON PLAN 203158 (CATTERICK 6255)  
LOT 10980 ON PLAN 203158 (Lot No. 10980 BLACKBUTT CATTERICK 6255)  
LOT 11952 ON PLAN 206069 (CATTERICK 6255)  
LOT 11981 ON PLAN 205657 (CATTERICK 6255)  
LOT 13728 ON PLAN 32823 (Lot No. 13728 WINNEJUP WINNEJUP 6255)  
LOT 13729 ON PLAN 32823 (Lot No. 13729 WINNEJUP WINNEJUP 6255)  
LOT 150 ON PLAN 248422 (Lot No. 150 BROCKMAN WANDILLUP 6256)  
LOT 200 ON PLAN 65630 (Lot No. 200 TWEED SUNNYSIDE 6256)  
LOT 22 ON DIAGRAM 90580 (WINNEJUP 6255)  
LOT 294 ON PLAN 222162 (Lot No. 294 EEDLE BRIDGETOWN 6255)  
LOT 295 ON PLAN 222162 (Lot No. 295 EEDLE BRIDGETOWN 6255)  
LOT 296 ON PLAN 222162 (Lot No. 296 EEDLE BRIDGETOWN 6255)  
LOT 3 ON DIAGRAM 52437 (Lot No. 3 BROCKMAN MARANUP 6256)  
LOT 331 ON PLAN 36423 (KINGSTON 6256)  
LOT 3938 ON PLAN 81886 (CATTERICK 6255)  
LOT 435 ON PLAN 159552 (CATTERICK 6255)  
LOT 5296 ON PLAN 138008 (Lot No. 5296 BLACKBUTT CATTERICK 6255)  
LOT 601 ON PLAN 65630 (SUNNYSIDE 6256)  
LOT 602 ON PLAN 65630 (SUNNYSIDE 6256)  
LOT 639 ON PLAN 257277 (MARANUP 6256)  
LOT 71 ON DIAGRAM 97131 (WINNEJUP 6255)

LOT 77 ON PLAN 27491 (Lot No. 77 BLACKBUTT CATTERICK 6255)  
LOT 8484 ON PLAN 253891 (KANGAROO GULLY 6255)  
LOT 898 ON PLAN 228875 (WINNEJUP 6255)  
LOT 930 ON PLAN 102422 (Lot No. 930 BLACKBOY FLAT WANDILLUP 6256)  
MARANUP FORD ROAD RESERVE (MARANUP 6256)  
MCKELVIE ROAD RESERVE (CATTERICK 6255)  
OLD BRIDGETOWN ROAD RESERVE (WANDILLUP 6256)  
OLD BRIDGETOWN ROAD RESERVE (MARANUP 6256)  
PADBURY STREET ROAD RESERVE (BRIDGETOWN 6255)  
RAILWAY RESERVE (CATTERICK 6255)  
SLADES ROAD RESERVE (KANGAROO GULLY 6255)  
SLADES ROAD RESERVE (SUNNYSIDE 6256)  
STATE FOREST 34 (WANDILLUP 6256)  
STATE FOREST 34 (YORNUP 6256)  
STATE FOREST 37 (PERUP 6258)  
TWEED ROAD RESERVE (BRIDGETOWN 6255)  
TWEED ROAD RESERVE (GLENLYNN 6256)  
TWEED ROAD RESERVE (SUNNYSIDE 6256)  
TWEED ROAD RESERVE (WINNEJUP 6255)  
UNALLOCATED CROWN LAND (MARANUP 6256)  
UNALLOCATED CROWN LAND (SUNNYSIDE 6256)  
UNALLOCATED CROWN LAND (WINNEJUP 6255)

**3. Area of Clearing**

The Permit Holder must not clear more than 19.9 hectares of native vegetation within the combined areas hatched yellow on attached Plan 1891/4a, 1891/4b, 1891/4c, 1891/4d, 1891/4e, 1891/4f, 1891/4g, 1891/4h, 1891/4i, 1891/4j, 1891/4k, 1891/4l, 1891/4m, 1891/4n, 1891/4o, 1891/4p, 1891/4q, 1891/4r, 1891/4s, 1891/4t and 1891/4u.

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

The Permit Holder shall not clear any native vegetation after 25 October 2022.

**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 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 – 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. Dieback and 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* and *dieback*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) ensure that no *dieback* or *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. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the area(s) shall be inspected by a *fauna specialist* who shall:
- (i) identify *habitat trees* suitable to be utilised by Carnaby's black cockatoo (*Calyptorhynchus latirostris*), Baudins black cockatoo (*Calyptorhynchus baudinii*) Red-tailed black cockatoo (*Calyptorhynchus banksii naso*) and Brush-tailed Phascogale (*Phascogale tapoatafa*); and
  - (ii) inspect *habitat trees* identified under condition 9(a)(i) for the presence of Carnaby's black cockatoo (*Calyptorhynchus latirostris*), Baudins black cockatoo (*Calyptorhynchus baudinii*), Red-tailed black cockatoo (*Calyptorhynchus banksii naso*) and Brush-tailed Phascogale (*Phascogale tapoatafa*).
- (b) Where *habitat trees* identified under condition 9(a) contain hollows suitable for use by Carnaby's black cockatoo (*Calyptorhynchus latirostris*), Baudin's black cockatoo (*Calyptorhynchus baudinii*) Red-tailed black cockatoo (*Calyptorhynchus banksii naso*) and Brush-tailed Phascogale (*Phascogale tapoatafa*), the Permit Holder shall retain these *habitat trees* in situ, or if this is not possible the Permit Holder shall:
- (i) remove and retain intact hollows;
  - (ii) each removed and retained intact hollow shall be attached to a tree located within no more than 10 km from any clearing authorised under this Permit;
  - (iii) each removed and retained intact hollow shall be attached to a tree within one month of removing it; and
- (c) Within one week prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *fauna clearing person* to remove and relocate fauna identified under condition 9(a)(ii).

## 10. 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 within the area hatched yellow on Plan 1891/4a 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 gravel extraction, *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; and
  - (iii) ripping the pit floor and contour batters within the extraction site; and
  - (iv) laying the vegetative material and topsoil retained under condition 10(a) on the cleared area that are no longer required for the purpose for which they were cleared under this Permit.
- (c) within 24 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 10(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 10(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 10(c)(ii) of this permit, the Permit Holder shall repeat condition 10(c)(i) and 10(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 10(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 10(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 10(c)(ii).

### PART III - RECORD KEEPING AND REPORTING

#### **11. 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 within the area hatched yellow on Plan 1891/4a:
  - (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 9 of this Permit:
  - (i) the location of each tree that contains hollows, 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 species name of fauna reasonably likely to utilise, or that have been observed utilising, the trees that contain hollows;
  - (iii) the location of surrogate trees for relocation with vacant hollows, 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
  - (iv) the location and date where relocated fauna was released, 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.
- (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) the species composition, structure and density of *revegetation* and *rehabilitation*, and
  - (v) a copy of the environmental specialist's report.

## 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) If no clearing authorised under this Permit was undertaken between 1 January and 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.
- (b) Prior to 25 July 2027, 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:

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

**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;

**dry conditions** means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

**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;

**habitat tree(s)** means trees that have a diameter, measured at 1.5m above the ground, of 50cm or greater, that contain one or more hollows;

**local provenance** means native vegetation seeds and propagating material from natural sources within 10 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 June 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;

**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; and

**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 Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



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Jane Clarkson  
MANAGER  
CLEARING REGULATION

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

8 June 2018

# Plan 1891/4a



## Legend

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



1:5,620

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*[Signature]* Date 8/6/18

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# Plan 1891/4b



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:1,341

(Approximate when reproduced at A4)  
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*[Signature]* Date **8.6.18**

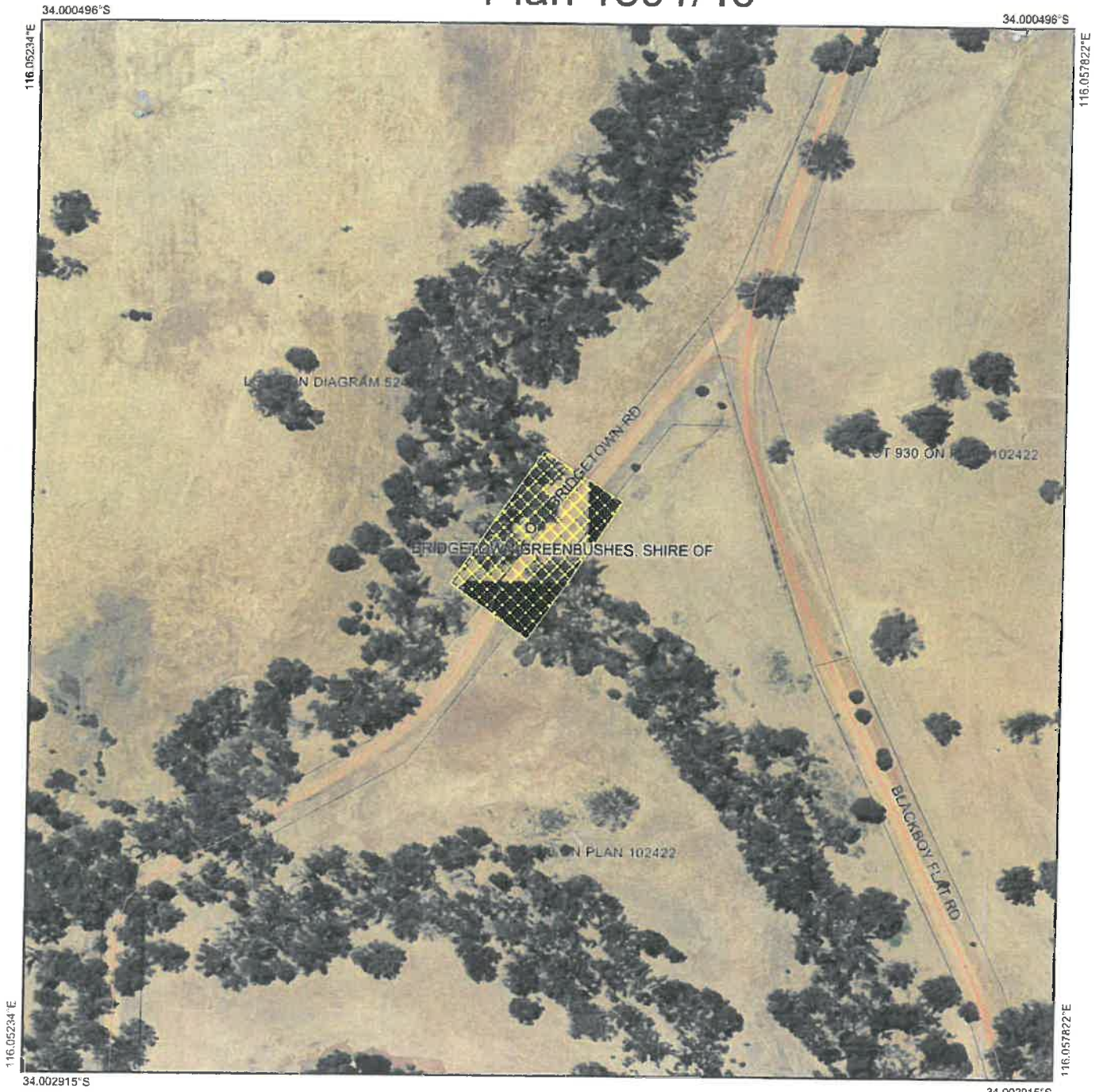
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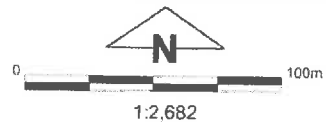


# Plan 1891/4c



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre

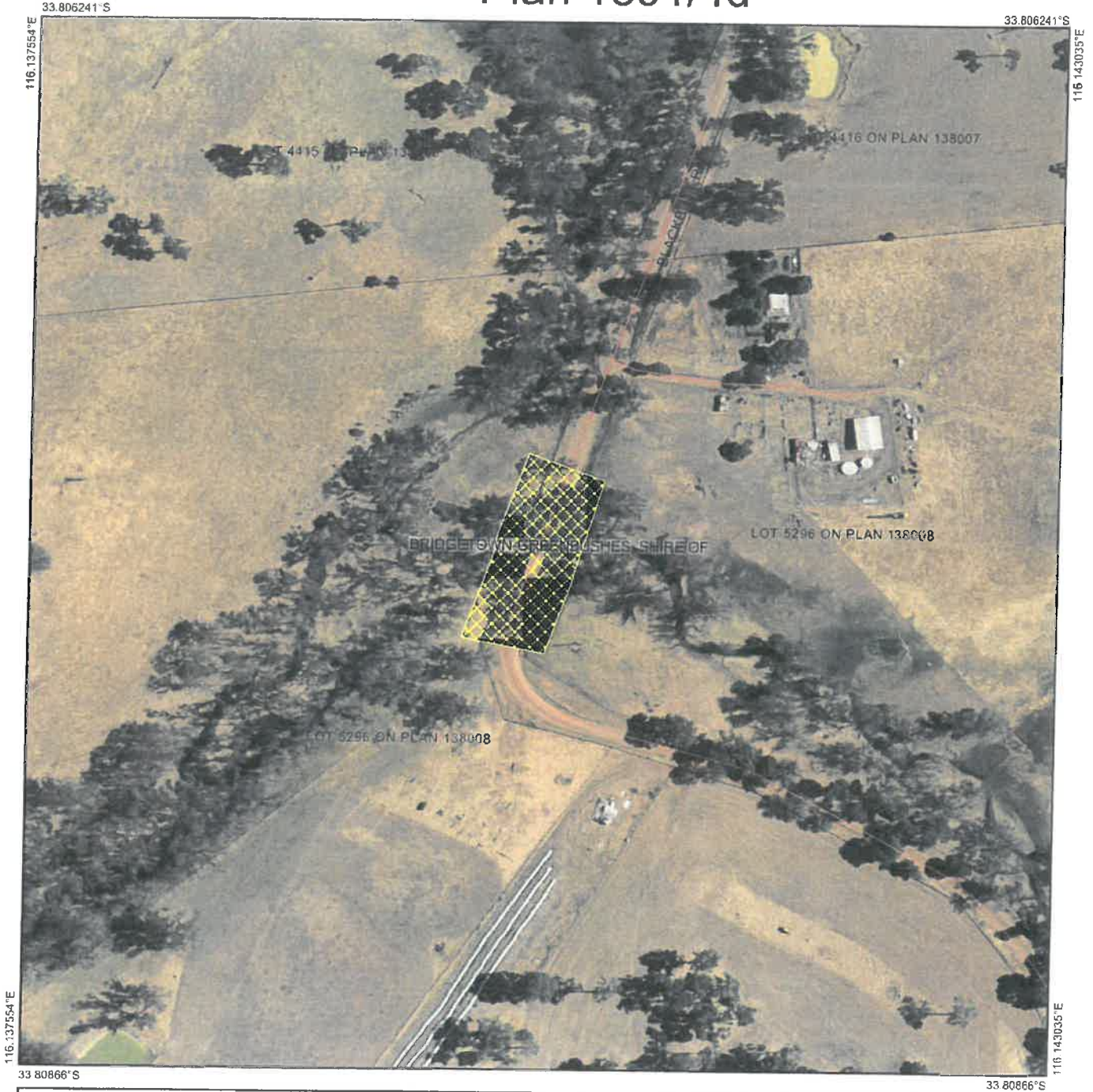


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Geocentric Datum of Australia 1994






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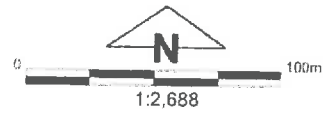
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# Plan 1891/4d



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



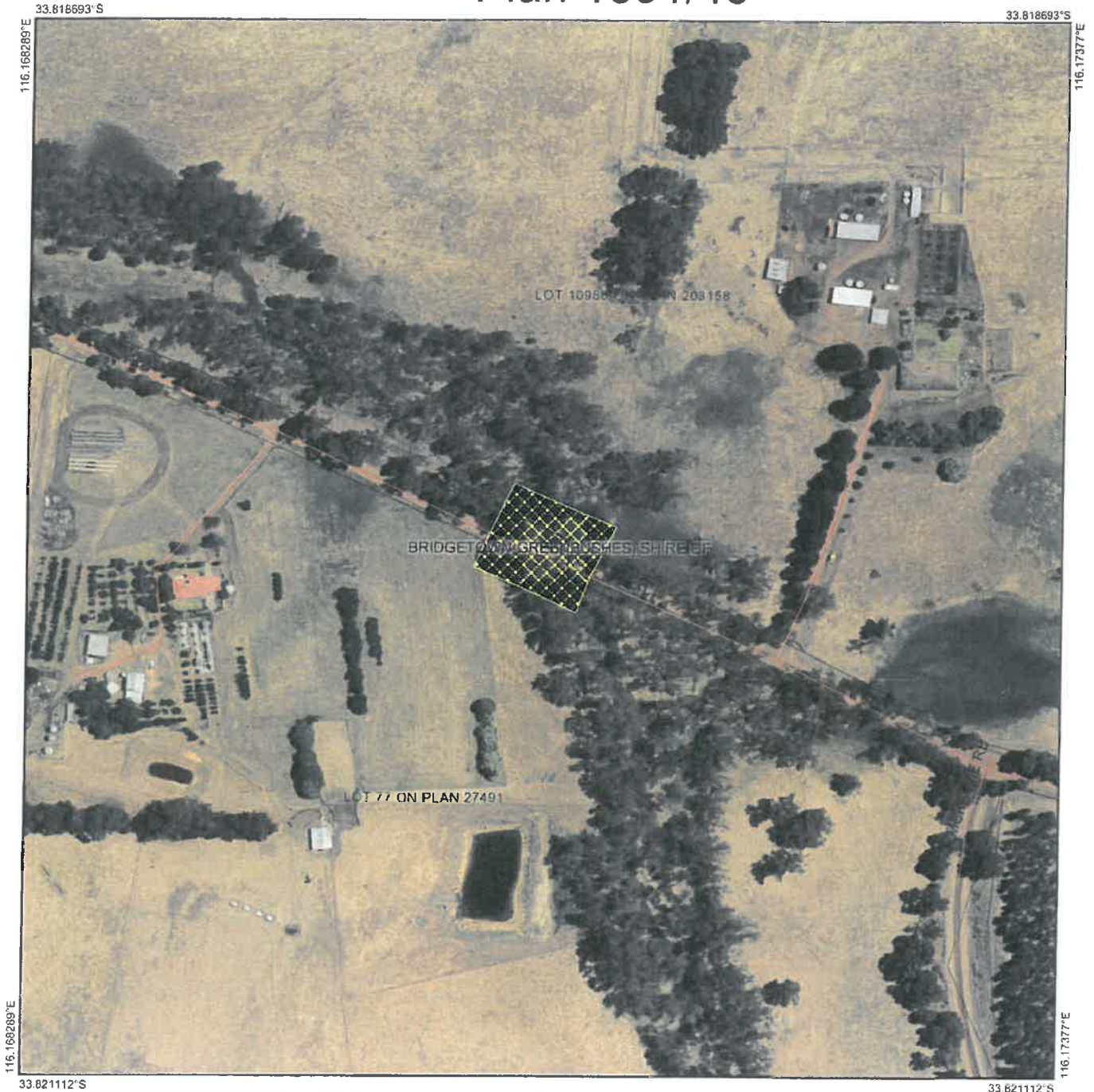
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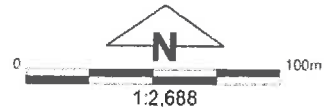
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# Plan 1891/4e



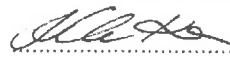
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-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre

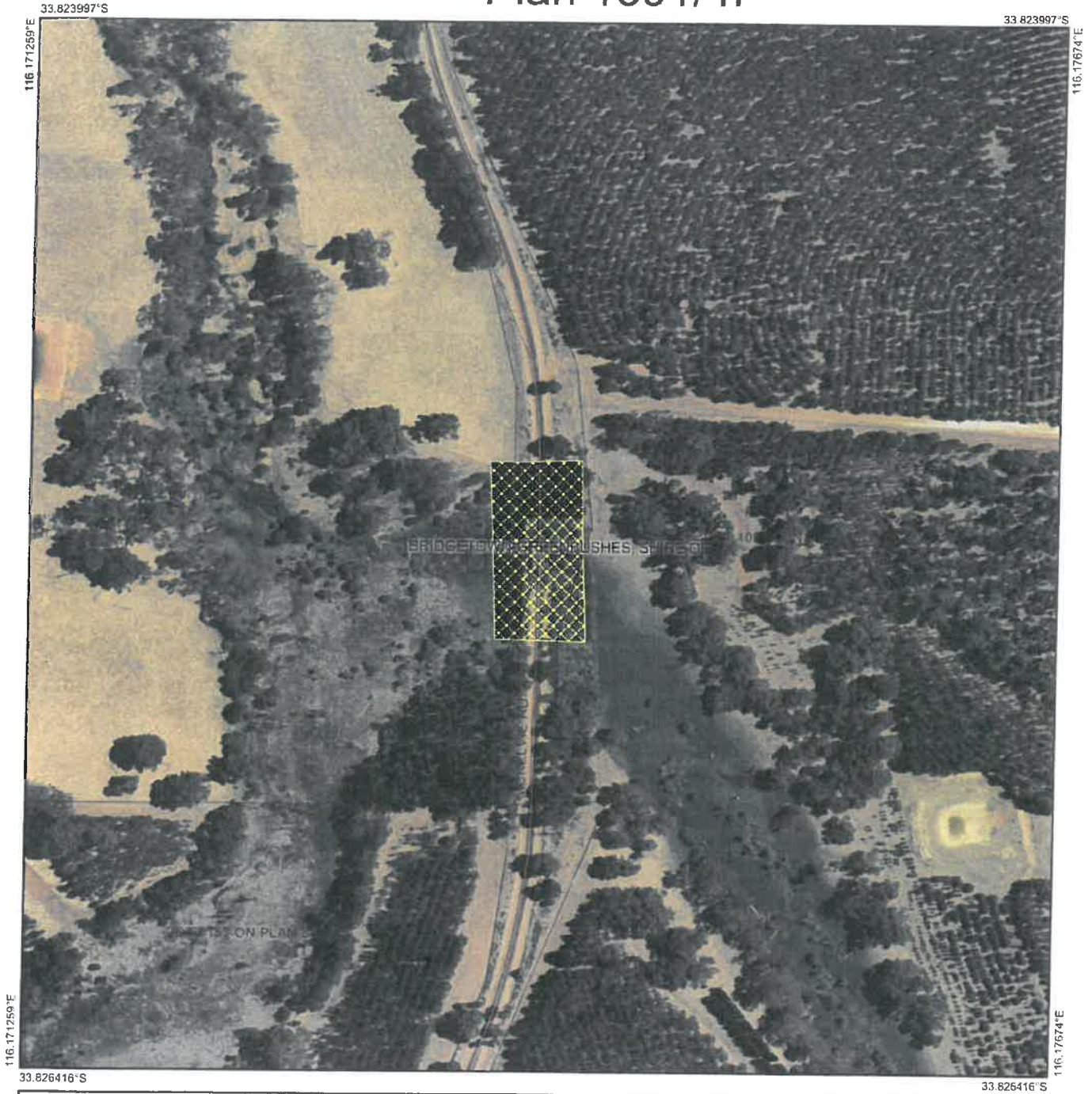


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Geocentric Datum of Australia 1994

 Date 8.6.18

# Plan 1891/4f



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre

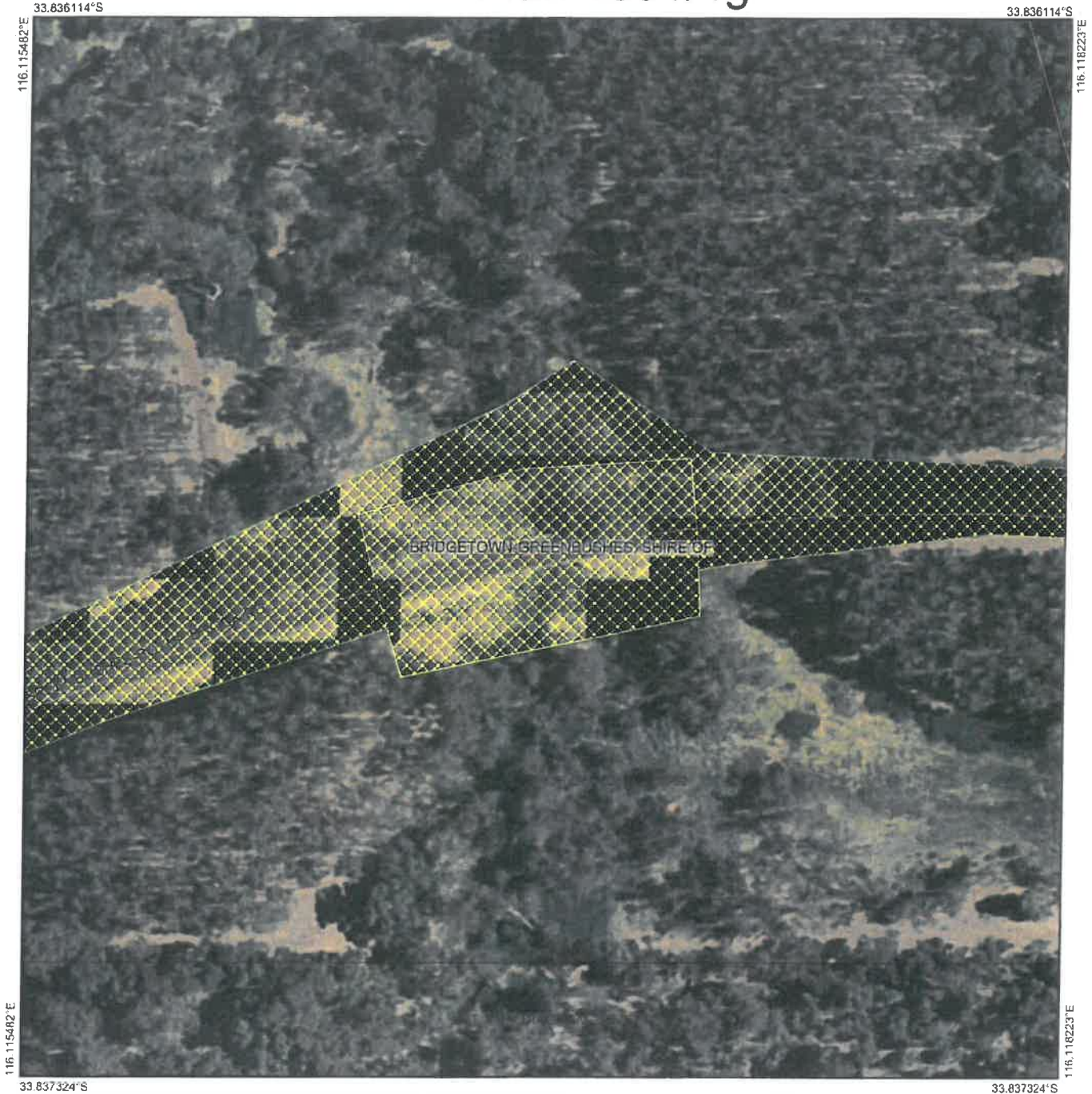


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GDA 94 (Lat/Long)





Geocentric Datum of Australia 1994

*Nate* Date 8.6.18

# Plan 1891/4g



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre

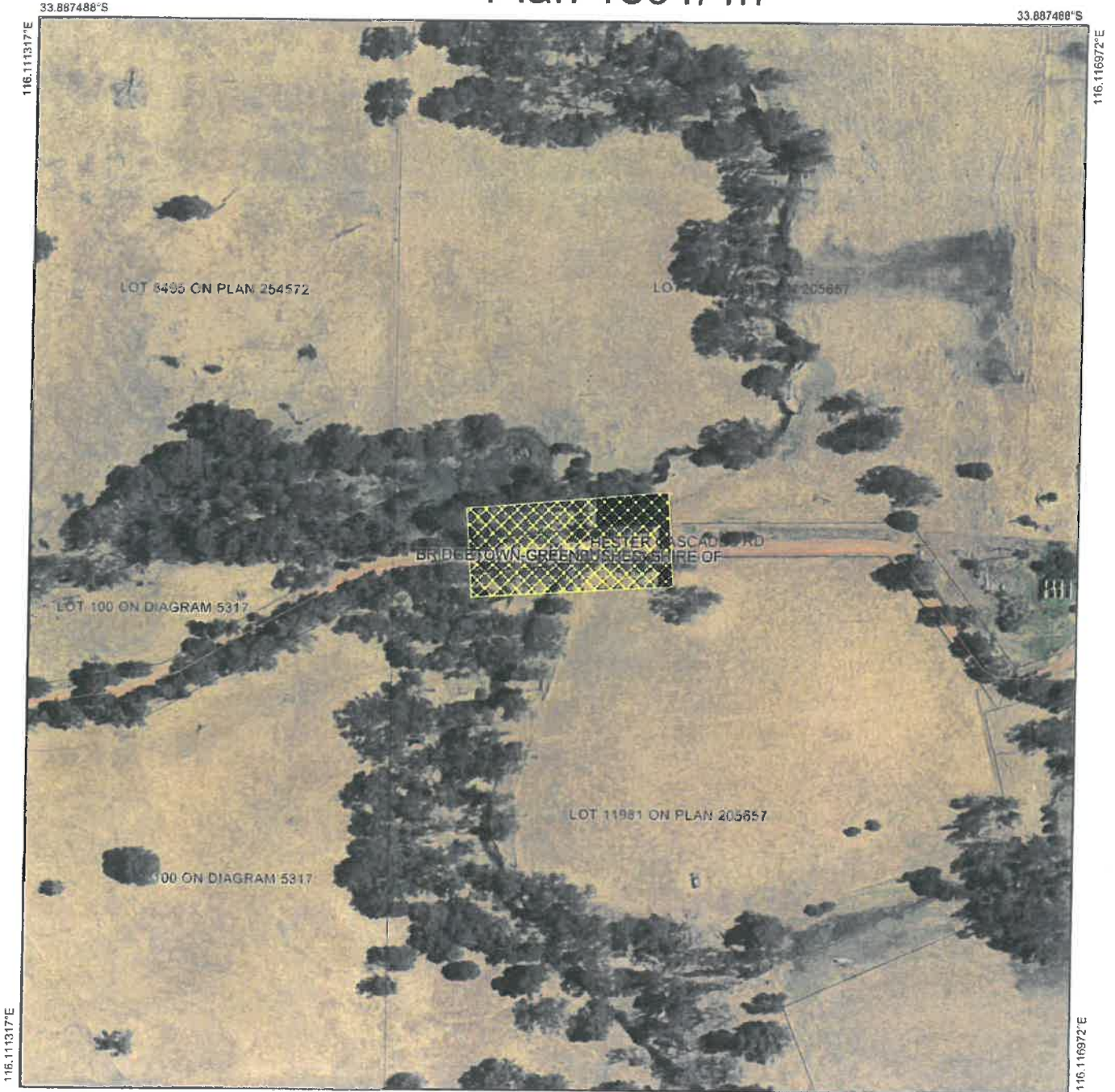


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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

 Date 8.6.18

# Plan 1891/4h



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:2,771

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

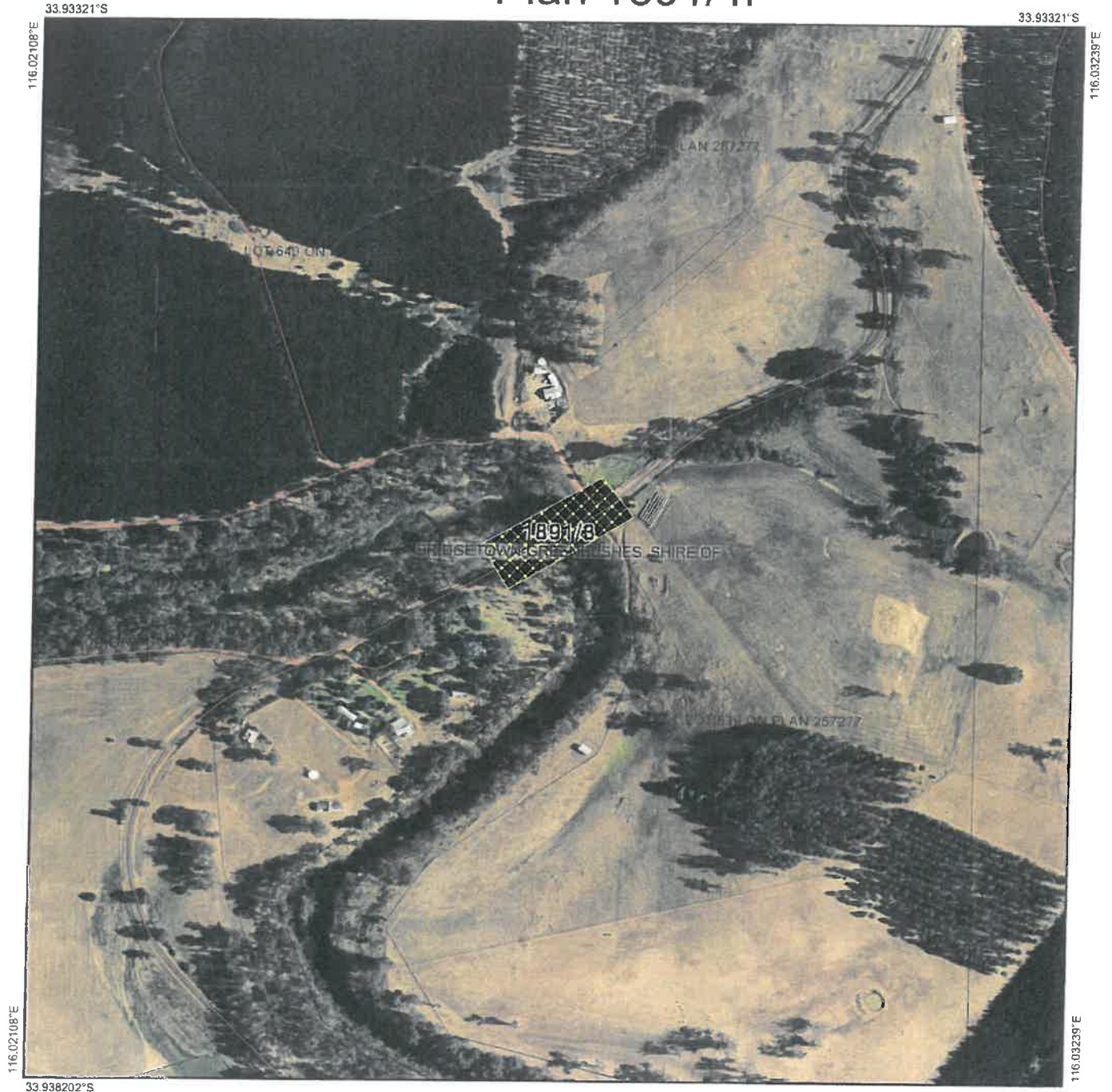
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# Plan 1891/4i



## Legend

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



1:5,539

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

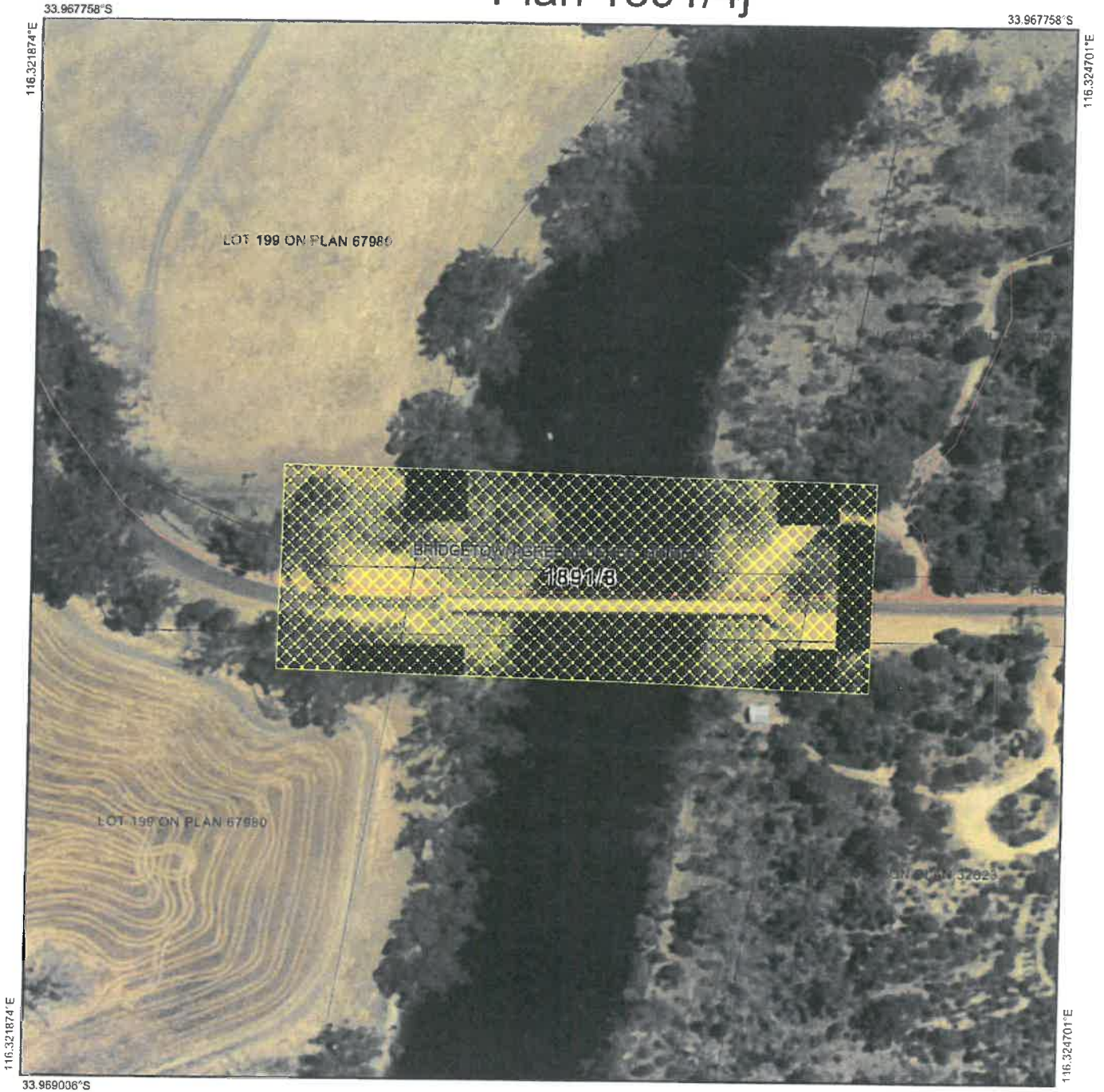
*State* Date 8.6.18

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# Plan 1891/4j



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:1,384

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

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# Plan 1891/4k



33.997143°S 33.997143°S

## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



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Geocentric Datum of Australia 1994

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# Plan 1891/4I



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:2,772

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

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# Plan 1891/4m



## Legend

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



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# Plan 1891/4n



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



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GDA 94 (Lat/Long)  
Geocentric Datum of Australia 1994

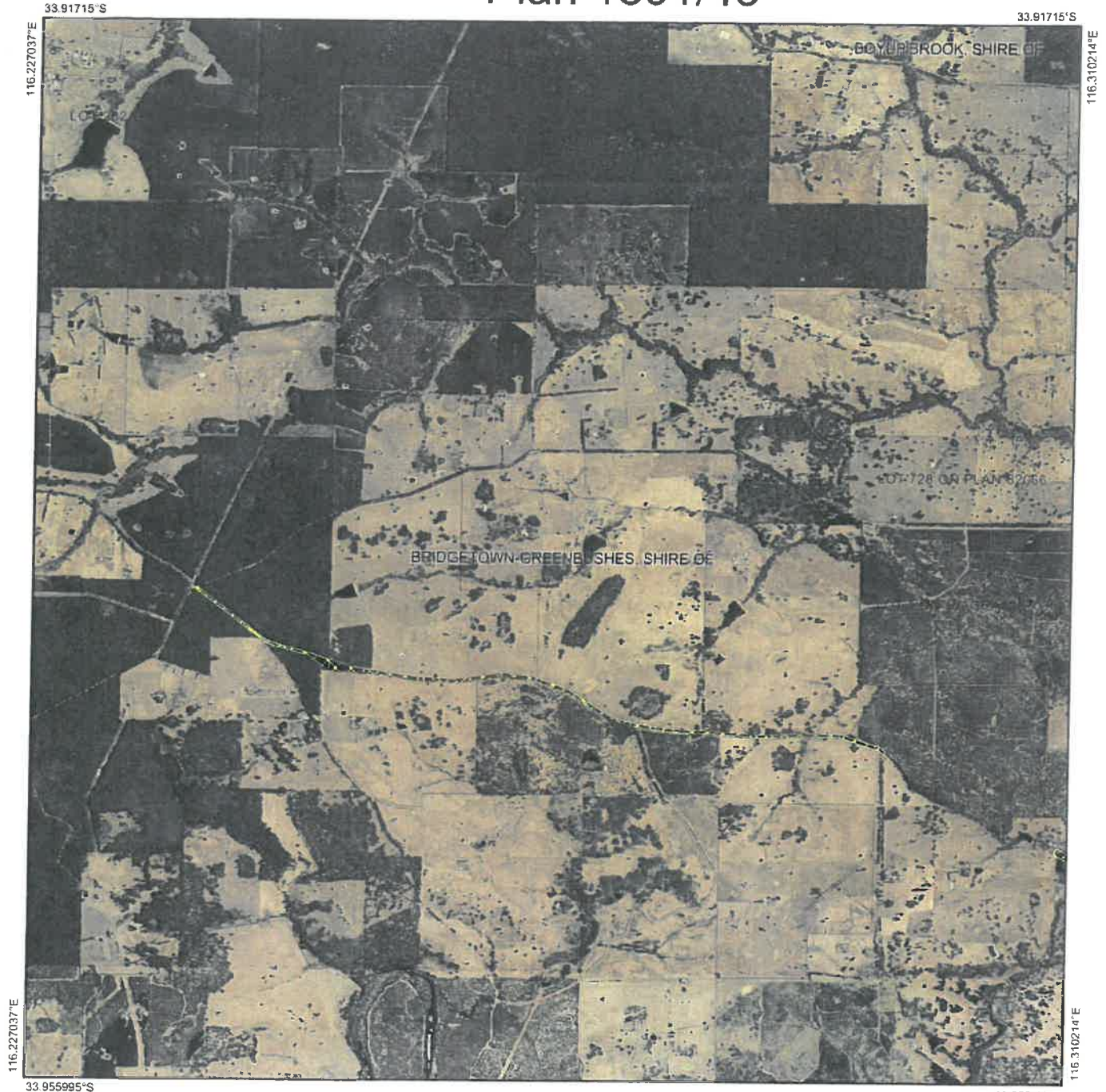
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# Plan 1891/4o



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



1:40,731

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*Slater* Date 8.6.18

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# Plan 1891/4p



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:1,273

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994




*Make* Date 8.6.18

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# Plan 1891/4q



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



1:20,359

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*[Signature]* Date 8-6-18

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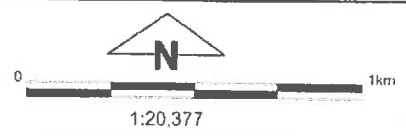
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# Plan 1891/4r



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



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# Plan 1891/4s



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

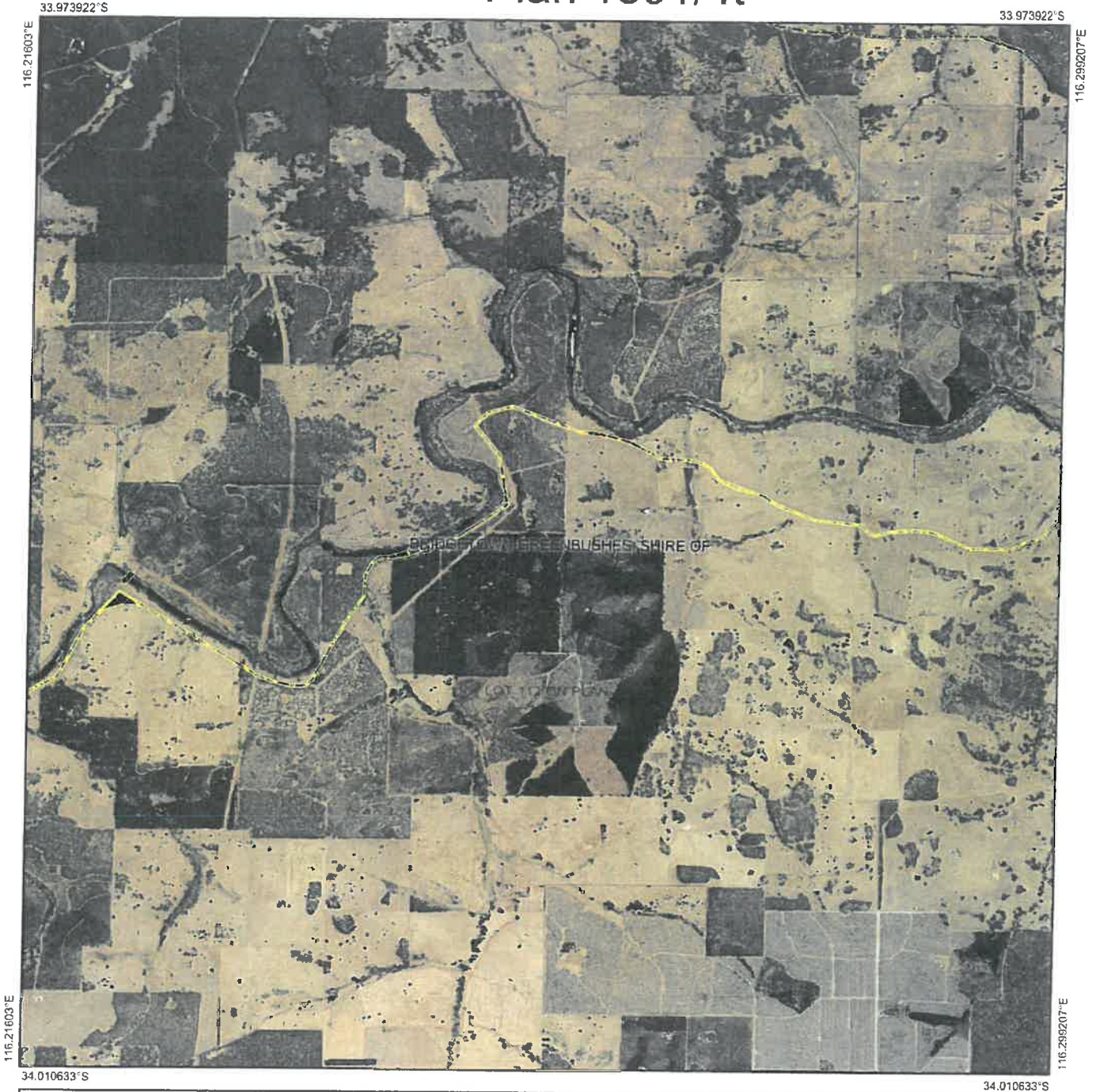
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# Plan 1891/4t



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



1:40,704

(Approximate when reproduced at A4)  
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*W. K. K.* Date 8.6.18

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






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# Plan 1891/4u



## Legend

-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



1:25,281

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GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*Wax* Date 8.6.18

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# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 1891/4  
Permit type: Purpose Permit

### 1.2. Applicant details

Applicant's name: Shire of Bridgetown-Greenbushes

Application received date: n/a

### 1.3. Property details

Property: ROAD RESERVE, CATTERICK  
ROAD RESERVE, HESTER BROOK  
ROAD RESERVE, MARANUP  
ROAD RESERVE, WINNEJUP  
LOT 11952 ON PLAN 206069, CATTERICK  
ROAD RESERVE, BRIDGETOWN  
LOT 294 ON PLAN 222162, BRIDGETOWN  
LOT 295 ON PLAN 222162, BRIDGETOWN  
LOT 296 ON PLAN 222162, BRIDGETOWN  
ROAD RESERVE, HESTER  
ROAD RESERVE, GLENLYNN  
ROAD RESERVE, SUNNYSIDE  
LOT 602 ON PLAN 65630, SUNNYSIDE  
LOT 200 ON PLAN 65630, SUNNYSIDE  
ROAD RESERVE, KANGAROO GULLY  
ROAD RESERVE, YORNUP  
ROAD RESERVE, KINGSTON  
ROAD RESERVE, BENJINUP  
LOT 5296 ON PLAN 138008, CATTERICK  
LOT 77 ON PLAN 27491, CATTERICK  
LOT 10980 ON PLAN 203158, CATTERICK  
LOT 10974 ON PLAN 203158, CATTERICK  
LOT 435 ON PLAN 159552, CATTERICK  
LOT 3938 ON PLAN 81886, CATTERICK  
RAILWAY RESERVE, CATTERICK  
LOT 11981 ON PLAN 205657, CATTERICK  
LOT 11981 ON PLAN 205657, HESTER BROOK  
UNALLOCATED CROWN LAND, MARANUP  
CLOSED ROAD, MARANUP  
LOT 639 ON PLAN 257277, MARANUP  
LOT 3 ON DIAGRAM 52437, MARANUP  
LOT 930 ON PLAN 102422, WANDILLUP  
LOT 150 ON PLAN 248422, WANDILLUP  
LOT 22 ON DIAGRAM 90580, WINNEJUP  
LOT 71 ON DIAGRAM 97131, WINNEJUP  
UNALLOCATED CROWN LAND, WINNEJUP  
LOT 13729 ON PLAN 32823, WINNEJUP  
LOT 13728 ON PLAN 32823, WINNEJUP  
LOT 898 ON PLAN 228875, WINNEJUP  
UNALLOCATED CROWN LAND, SUNNYSIDE  
LOT 601 ON PLAN 65630, SUNNYSIDE  
LOT 8484 ON PLAN 253891, KANGAROO GULLY  
STATE FOREST 34, WANDILLUP  
CLOSED ROAD, WANDILLUP  
STATE FOREST 34, YORNUP  
LOT 331 ON PLAN 36423, KINGSTON  
STATE FOREST 37, PERUP  
Local Government Authority: SHIRE OF BRIDGETOWN GREENBUSHES  
Localities:

### 1.4. Application

|                    |           |                    |  |
|--------------------|-----------|--------------------|--|
| Clearing Area (ha) | No. Trees | Method of Clearing | Purpose category:  |
| 19.9               |           | Mechanical Removal | Gravel extraction, road widening and fire hazard zone establishment. |

### 1.5. Decision on application

|  |  |
|--|--|
| <b>Decision on Permit Application:</b> | Granted  |
| <b>Decision Date:</b>                  | 8 June 2018  |
| <b>Reasons for Decision:</b>           | This amendment has been made to implement the Minister for Environment's appeal determination (Reference C011/17). The Minister for Environment determined that the former fauna condition should be reinstated on the permit. This fauna condition requires the Permit Holder to identify habitat trees and where nesting hollows were identified, the permit holder is required to avoid impacting on the trees, or if impact is unavoidable, to relocate the hollows to within a 10 kilometre radius. |

## 2. Site Information

|                               |  |
|-------------------------------|--|
| <b>Clearing Description</b>   | The applicant proposes to clear 19.9 hectares of native vegetation over numerous road reserves and properties within the Shire of Bridgetown Greenbushes for the purposes of gravel extraction, road widening and fire hazard zone establishment.  |
| <b>Vegetation Description</b> | <p>The application has been mapped as numerous vegetation complexes. The dominant ones being;</p> <p><b>D1:</b> Open forest of <i>Eucalyptus marginata</i> subsp. <i>marginata</i>-<i>Corymbia calophylla</i> on lateritic uplands in mainly humid and subhumid zones.</p> <p><b>BE1:</b> Tall open forest of <i>Corymbia calophylla</i>-<i>Eucalyptus marginata</i> subsp. <i>marginata</i> on uplands in perhumid and humid zones.</p> <p><b>DM1:</b> Woodland of <i>Corymbia calophylla</i>-<i>Eucalyptus marginata</i> subsp. <i>marginata</i> with occasional <i>Eucalyptus wandoo</i> on uplands in the subhumid zone.</p> <p><b>HR:</b> Open forest to woodland of <i>Corymbia calophylla</i> with some <i>Eucalyptus marginata</i> subsp. <i>marginata</i> on slopes, woodland of <i>Eucalyptus rudis</i>-<i>Banksia seminuda</i>-<i>Melaleuca preissiana</i>-<i>Agonis flexuosa</i> and tall shrubland of <i>Agonis linearifolia</i>-<i>Callistachys lanceolata</i> on fringes of streams in perhumid and humid ones.</p> <p><b>BT:</b> Mixture of open forest of <i>Eucalyptus marginata</i> subsp. <i>marginata</i>-<i>Corymbia calophylla</i> with some <i>Eucalyptus patens</i> on slopes to low open forest of <i>Eucalyptus rudis</i>-<i>Melaleuca raphiophylla</i> on the valley floors in the humid zone.</p> <p><b>NW1:</b> Woodland of <i>Corymbia calophylla</i> and <i>Eucalyptus marginata</i> subsp. <i>marginata</i> with some <i>Eucalyptus wandoo</i> on upper slopes in the subhumid zone.</p> <p>(Government of Western Australia, 2017)</p> |
| <b>Vegetation Condition</b>   | <p>Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994).</p> <p>To</p> <p>Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).</p>  |

## 3. Assessment of application against clearing principles

This amendment has been made to implement the Minister for Environment's appeal determination (Reference C011/17).

A reassessment against the clearing principles was not undertaken. An assessment of the clearing principles can be found in Clearing Permit Decision Reports CPS 1891/1 and 1891/2.

### 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 Reports CPS 1891/1 and 1891/2.

## 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.
- Government of Western Australia (2017). 2016 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of December 2016. WA Department of Parks and Wildlife, Perth.