

Bushfire Attack Level (BAL) Assessment Report for Stage 10 Baldivis Parks, Baldivis

Site Details

Address: Stage 10 Baldivis Parks, Baldivis

Suburb: Baldivis, 6171 **State:** Western Australia

Local Government Area: City of Rockingham

Description of building works: Residential Development

Report details

Report/Job number:	22PER999	Report version:	v1
Assessment date:	15/02/2023	Report date:	16/02/2023
Author:	Maitland Ely	Review:	Daniel Panickar (BPAD Level 3-37802)



SITE ASSESSMENT AND SITE PLAN

The assessment of the 35 lots was undertaken on 15 February 2023 for the purpose of determining the Bushfire Attack Level (BAL) in accordance with *Australian Standard AS 3959: 2018 Construction of Buildings in Bushfire Prone Areas (SA 2018) Simplified Procedure (Method 1)*. An overview of the site is presented in Figure 1.

VEGETATION CLASSIFICATION

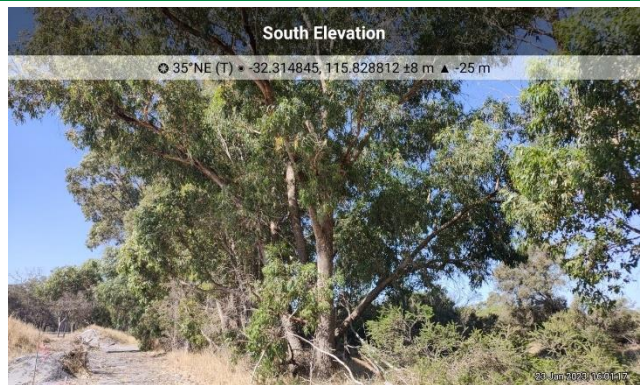
All vegetation within 100 m of the 35 lots was classified in accordance with Clause 2.2.3 of AS 3959: 2018. Each distinguishable vegetation class with the potential to determine the BAL is identified below and presented in Figure 1.

Plot 1	Classification or Exclusion Clause	Class B Woodland
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Photo Point 1

Classified vegetation within this plot is comprised of trees 10 m-30 m tall with foliage cover of 10%-30%. Understorey is comprised of grasses and isolated juvenile trees and shrubs.

Slope under vegetation was assessed as upslope/flat land.

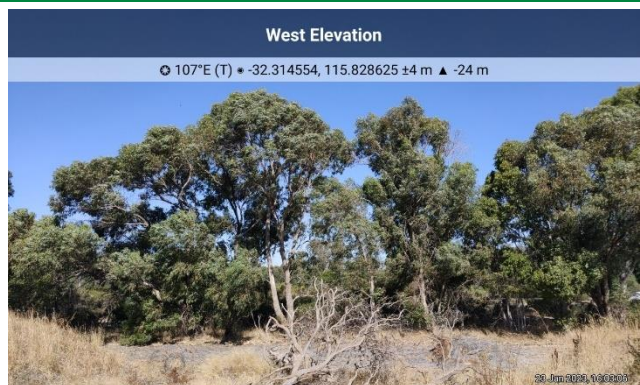


Plot 1	Classification or Exclusion Clause	Class B Woodland
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Photo Point 2

Classified vegetation within this plot is comprised of trees 10 m-30 m tall with foliage cover of 10%-30%. Understorey is comprised of grasses and isolated juvenile trees and shrubs.

Slope under vegetation was assessed as upslope/flat land.



Plot 2	Classification or Exclusion Clause	Class D Scrub
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Photo Point 3

Classified vegetation within plot is comprised of shrubs >2 m high with foliage cover of >30%.

Slope under vegetation was assessed as upslope/flat land.



Plot 3 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (e)

Photo Point 4

Non-vegetated area that has been excluded under 2.2.3.2 (e) of AS 3959: 2018. The area comprised of drainage sump.



Plot 3 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (f)

Photo Point 5

Vegetation present is regarded as low threat due to factors such as flammability, moisture content or fuel load and is comprised of isolated trees with a managed understorey. Vegetation within this plot is situated within Baldivis Parks Estate itself and is being managed by the developer until it is removed for development.



Plot 3 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (f)

Photo Point 6

Vegetation present is regarded as low threat due to factors such as flammability, moisture content or fuel load and is comprised of small patch trees with a managed understorey and slashed grass. Vegetation within this plot is situated within Baldivis Parks Estate itself and is being managed by the developer until it is removed for development.



Plot 3 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (f)

Photo Point 7

Vegetation present is regarded as low threat due to factors such as flammability, moisture content or fuel load and is comprised of isolated scrub bushes with a managed understorey. Vegetation within this plot is situated within Baldivis Parks Estate itself and is being managed by the developer until it is removed for development.



Plot 3 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (f)

Photo Point 8

Vegetation present is regarded as low threat due to factors such as flammability, moisture content or fuel load and is comprised of managed understorey that is slashed grass. Vegetation within this plot is situated within Baldivis Parks Estate itself and is being managed by the developer until it is removed for development.



Plot 3 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (e)

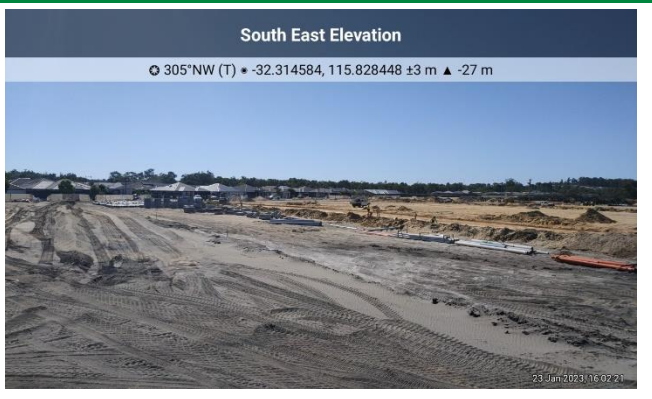
Photo Point 9

Non-vegetated area that has been excluded under 2.2.3.2 (e) of AS 3959: 2018. The area comprised of cleared area for future residential development.



Plot 3	Classification or Exclusion Clause	Excluded AS 3959: 2018 2.2.3.2 (e)
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Photo Point 10
 Non-vegetated area that has been excluded under 2.2.3.2 (e) of AS 3959: 2018. The area comprised of cleared area for future residential development.



Plot 3	Classification or Exclusion Clause	Excluded AS 3959: 2018 2.2.3.2 (e)
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Photo Point 11
 Non-vegetated area that has been excluded under 2.2.3.2 (e) of AS 3959: 2018. The area comprised of cleared area for future residential development.



Plot 3	Classification or Exclusion Clause	Excluded AS 3959: 2018 2.2.3.2 (e)
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Photo Point 12
 This area has been excluded under 2.2.3.2 (e) and (f) of AS 3959: 2018. The area comprised of non-vegetated areas such as roads, footpaths and residential housing as well as the surrounding lot threat remnant vegetation that is comprised of gardens and landscaping.



RELEVANT FIRE DANGER INDEX

The fire danger index for this site has been determined in accordance with Table 2.1 of AS 3959: 2018.

Relevant Fire Danger Index			
FDI 40 <input type="checkbox"/>	FDI 50 <input type="checkbox"/>	FDI 80 <input checked="" type="checkbox"/>	FDI 100 <input type="checkbox"/>
<i>Table 2.4.5</i>	<i>Table 2.4.4</i>	<i>Table 2.4.3</i>	<i>Table 2.4.2</i>

POTENTIAL BUSHFIRE IMPACTS

The potential bushfire impact to the site / proposed development from each of the identified vegetation plots are identified below, Table 1 and Error! Reference source not found..

Table 1: BAL Analysis AS 3959: 2018

Plot	Vegetation Classification	Effective Slope	Separation distances required				
			BAL-FZ	BAL-40	BAL-29	BAL-19	BAL-12.5
1	Class B Woodland	All upslopes and flat land (0 degrees)	<10	10-<14	14-<20	20-<29	29-<100
2	Class D Scrub	All upslopes and flat land (0 degrees)	<10	10-<13	13-<19	19-<27	27-<100
3	Excluded AS 3959: 2018 2.2.3.2 (e) & (f)	-	No separation distances required – BAL-LOW				

DETERMINED BUSHFIRE ATTACK LEVEL (BAL)

The determined Bushfire Attack Level (highest BAL) for the proposed works has been determined in accordance with Clause 2.2.6 of AS 3959: 2018 relevant data from the site assessment shown in Figure 2 and Table 2.

Table 2: BAL Assessment summary

BAL	Affected lots	Construction sections to be consulted in AS 3959-2018
BAL-12.5	Lots 833 & 834	3 and 5
BAL-LOW	Lots 672-685, 707-712, 717-718, 828-832, 1059-1060 & 1127-1131	3 and 4

Note: This BAL rating is based on the information current at the date of this document and is valid for 12 months.

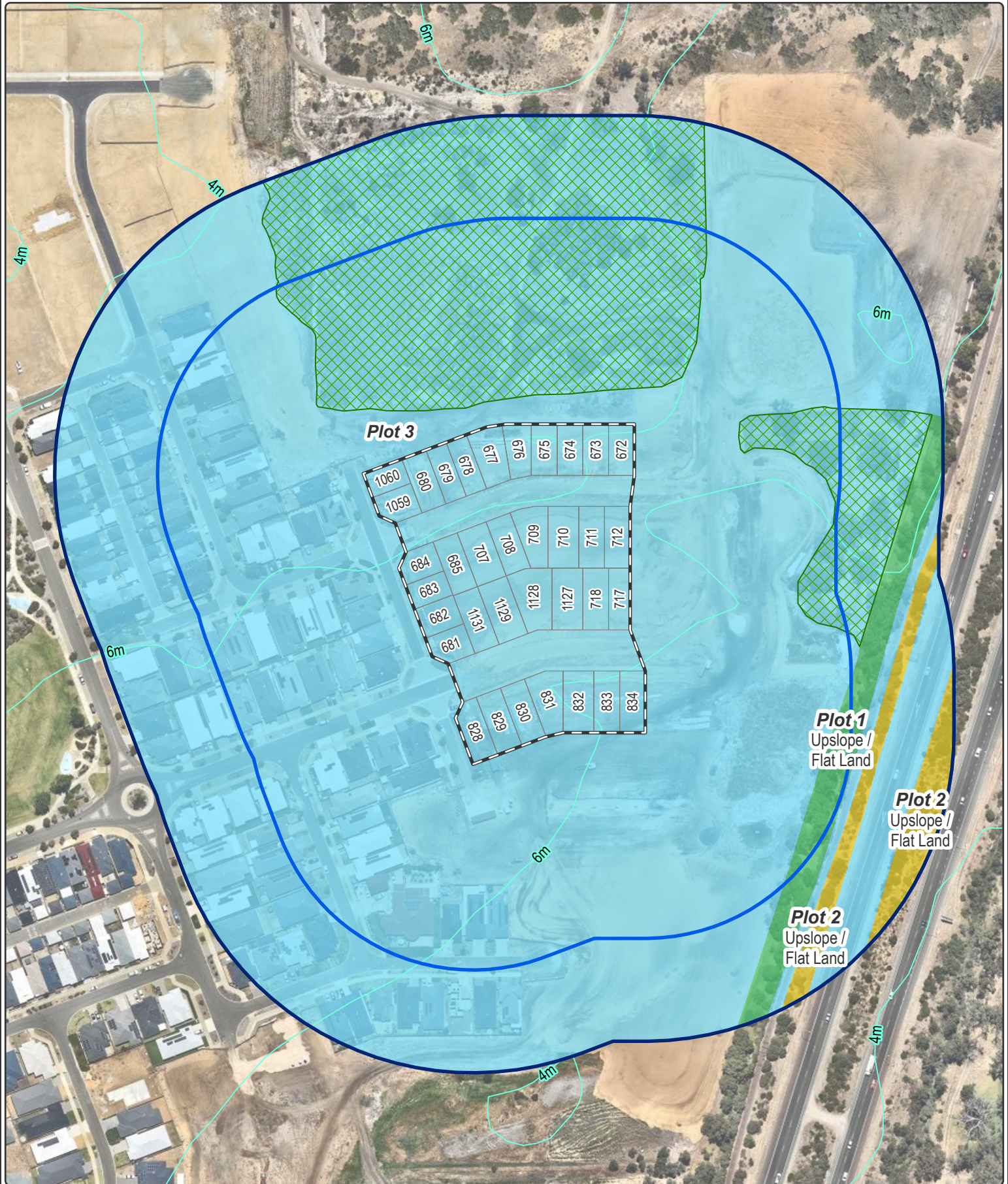
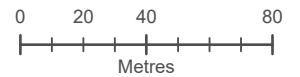


Figure 1: Vegetation Classification

- | | |
|----------------------|--|
| Subject site | Vegetation management |
| 100m site assessment | Vegetation classification |
| 150m site assessment | Class B woodland |
| Lot boundary | Class D scrub |
| Contour (2m) | Excluded as per clause 2.2.3.2 (e) and (f) |



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 16/02/2023



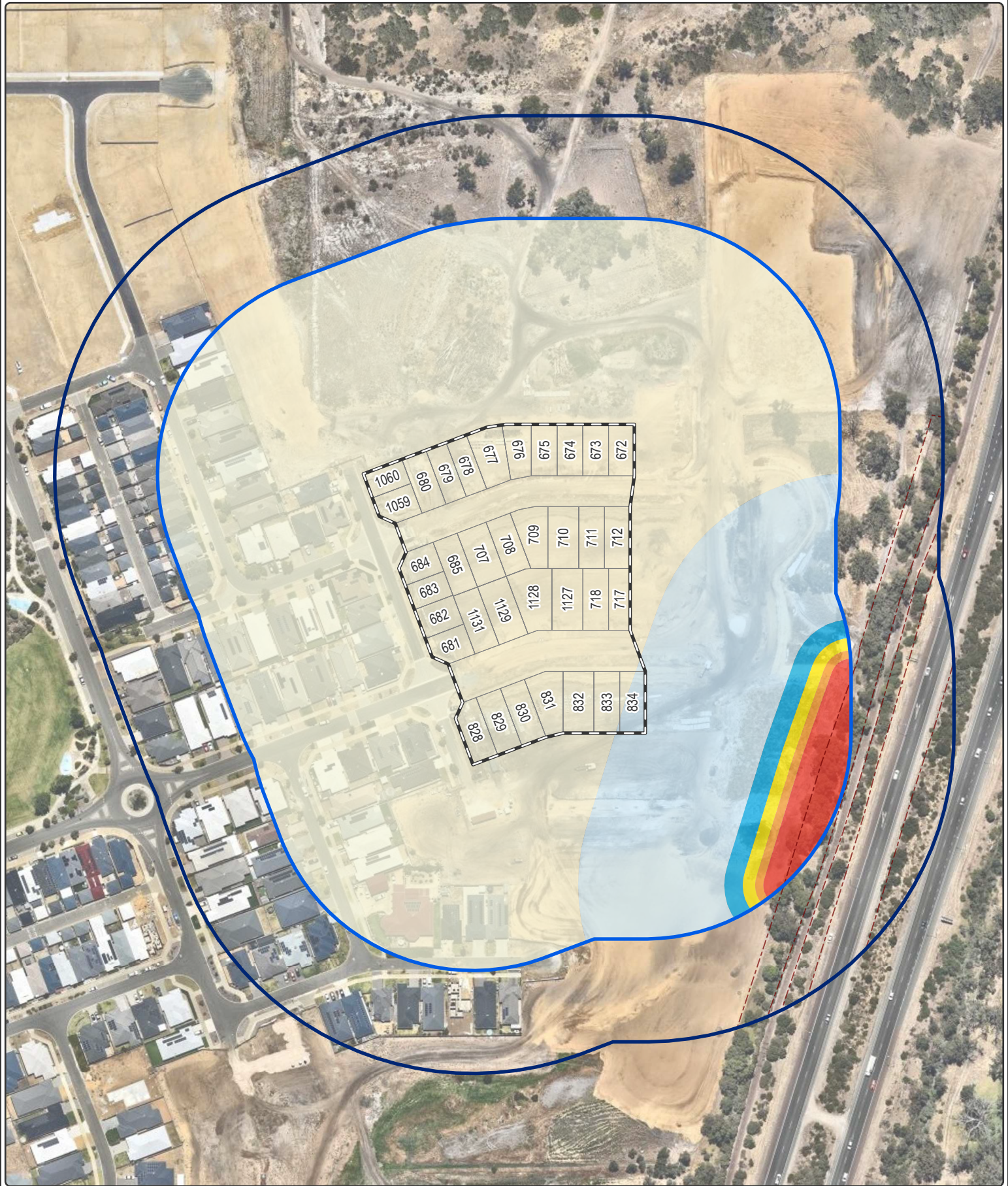











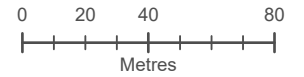


Figure 2: Bushfire Attack Level (BAL) Contours

-  Subject site
-  100m site assessment
-  150m site assessment
-  Lot boundary
-  Bushfire hazard interface

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 16/02/2023



Appendix A – Additional Information / Advisory Notes

This assessment was undertaken as per AS 3959: 2018. It is important that the current version of AS 3959, is consulted for construction purposes.

This BAL rating is based on the information current at the date of this letter and is valid for 12 months from the date of this letter.

Bushfire Attack Level (BAL) as set out in the *Australian Standard 3959 Construction of Buildings in Bushfire-Prone Areas* (AS 3959), as referenced in the *Building Code of Australia*.

Bushfire Attack Level (BAL)	Classified vegetation within 100 m of the site and radiant heat flux exposure thresholds	Description of predicted bush fire attack and levels of exposure	Construction Section as per AS 3959
BAL-LOW		There is insufficient risk to warrant specific construction requirements.	4
BAL-12.5	$\leq 12.5 \text{ kW/m}^2$	Ember attack	3 and 5
BAL-19	$>12.5 \text{ kW/m}^2 \leq 19 \text{ kW/m}^2$	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing radiant heat flux.	3 and 6
BAL-29	$>19 \text{ kW/m}^2 \leq 29 \text{ kW/m}^2$	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing radiant heat flux	3 and 7
BAL-40	$>29 \text{ kW/m}^2 \leq 40 \text{ kW/m}^2$	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing radiant heat flux with the increased likelihood of exposure to flames.	3 and 8
BAL-FZ	$>40 \text{ kW/m}^2$	Direct exposure to flames from fire front in addition to radiant heat flux and ember attack	3 and 9

Source: “AS 3959: 2018 Construction of buildings in bushfire-prone areas” published by Standards Australia, Sydney

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 672, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

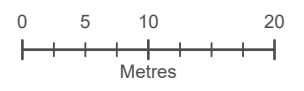


Bushfire Attack Level (BAL) Certificate - Lot 672 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 673, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

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Certificate Date: 15/03/2023









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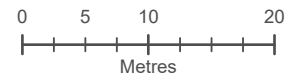


Bushfire Attack Level (BAL) Certificate - Lot 673 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 674, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

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Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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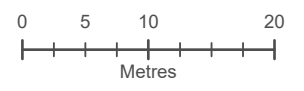


Bushfire Attack Level (BAL) Certificate - Lot 674 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 675, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

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Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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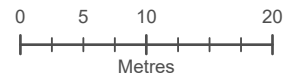


Bushfire Attack Level (BAL) Certificate - Lot 675 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 676, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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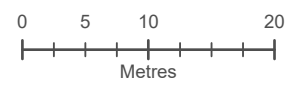


Bushfire Attack Level (BAL) Certificate - Lot 676 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 677, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

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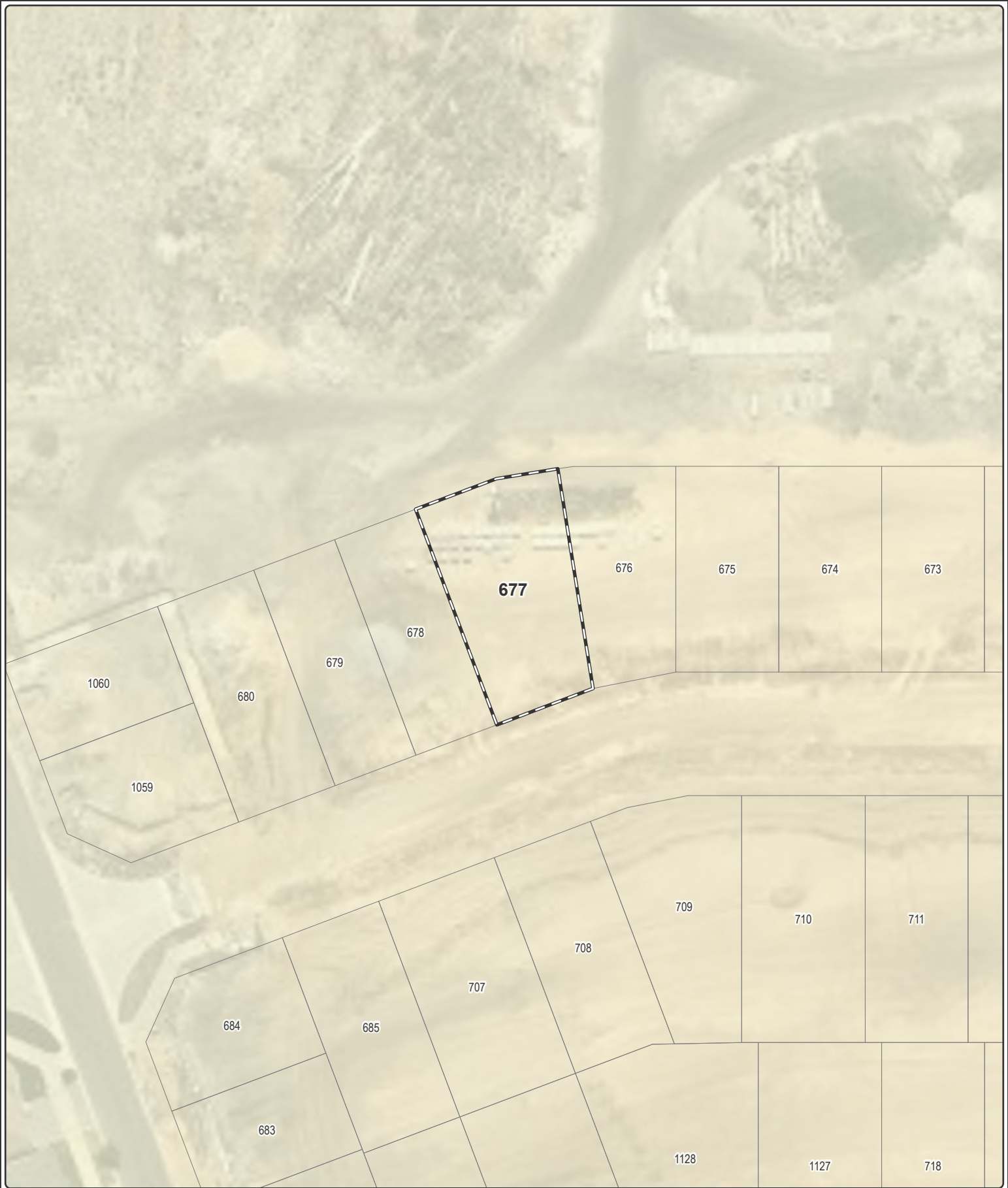
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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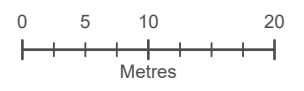


Bushfire Attack Level (BAL) Certificate - Lot 677 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 678, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

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Certificate Date: 15/03/2023









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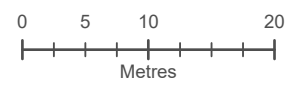


Bushfire Attack Level (BAL) Certificate - Lot 678 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 679, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

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Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

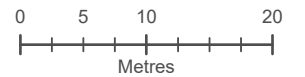


Bushfire Attack Level (BAL) Certificate - Lot 679 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 680, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

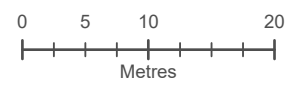


Bushfire Attack Level (BAL) Certificate - Lot 680 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 681, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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Accreditation Expiry: December 2023

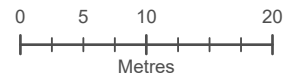


Bushfire Attack Level (BAL) Certificate - Lot 681 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 682, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

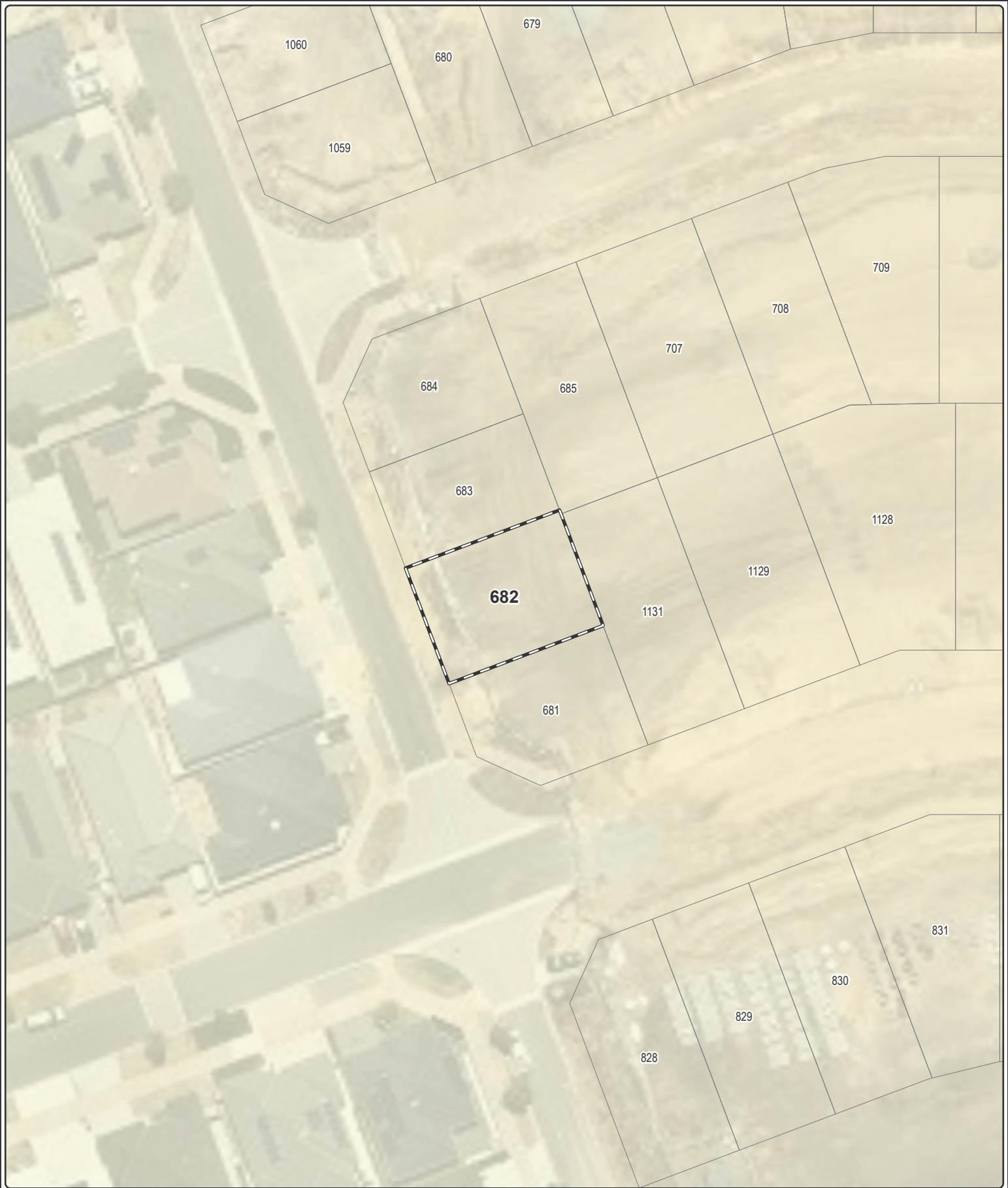
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

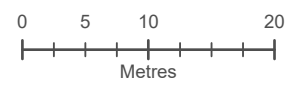


Bushfire Attack Level (BAL) Certificate - Lot 682 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 683, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

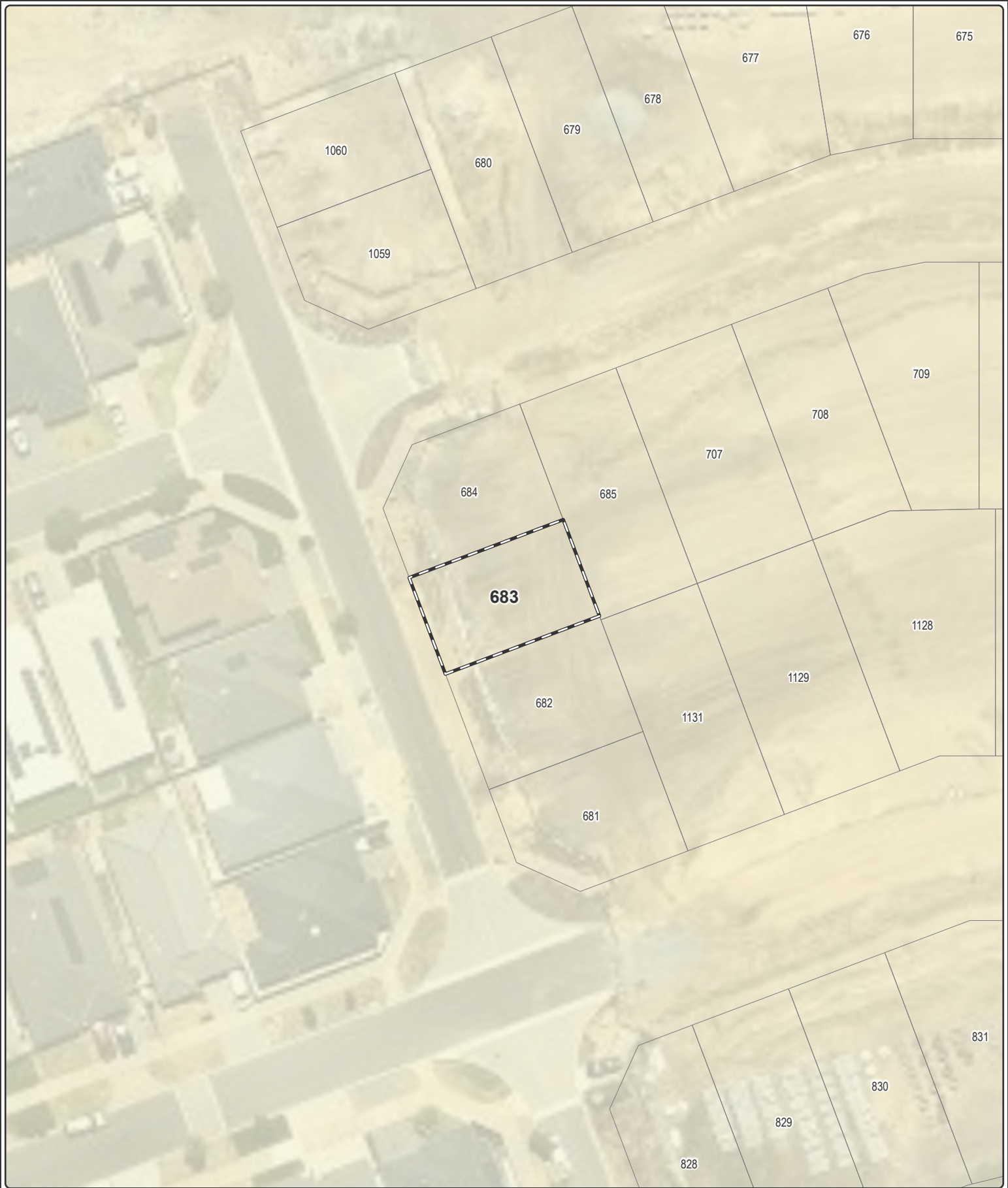
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

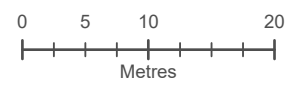


Bushfire Attack Level (BAL) Certificate - Lot 683 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 684, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

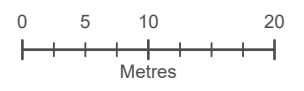


Bushfire Attack Level (BAL) Certificate - Lot 684 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 685, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

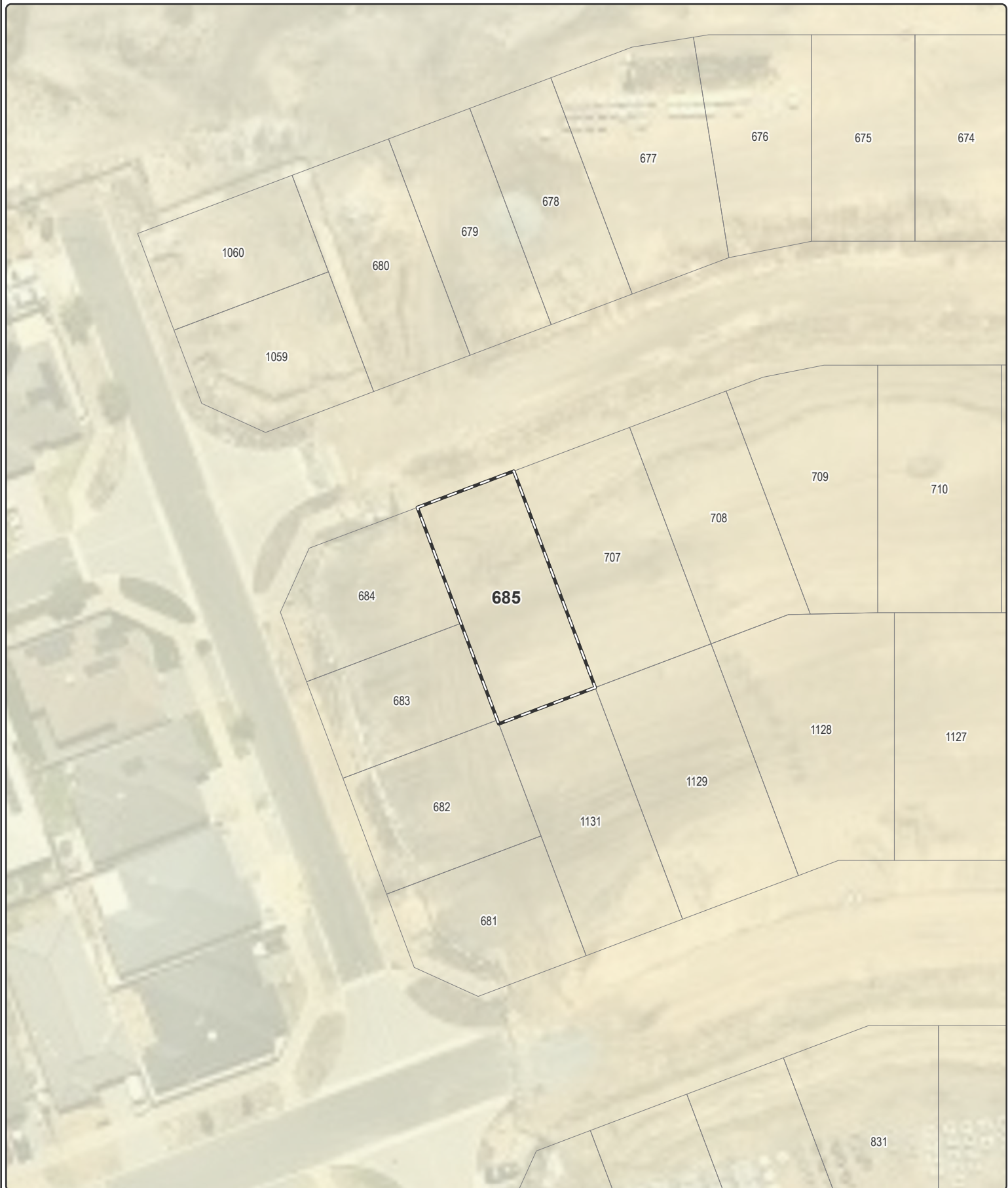
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

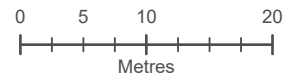


Bushfire Attack Level (BAL) Certificate - Lot 685 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 707, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

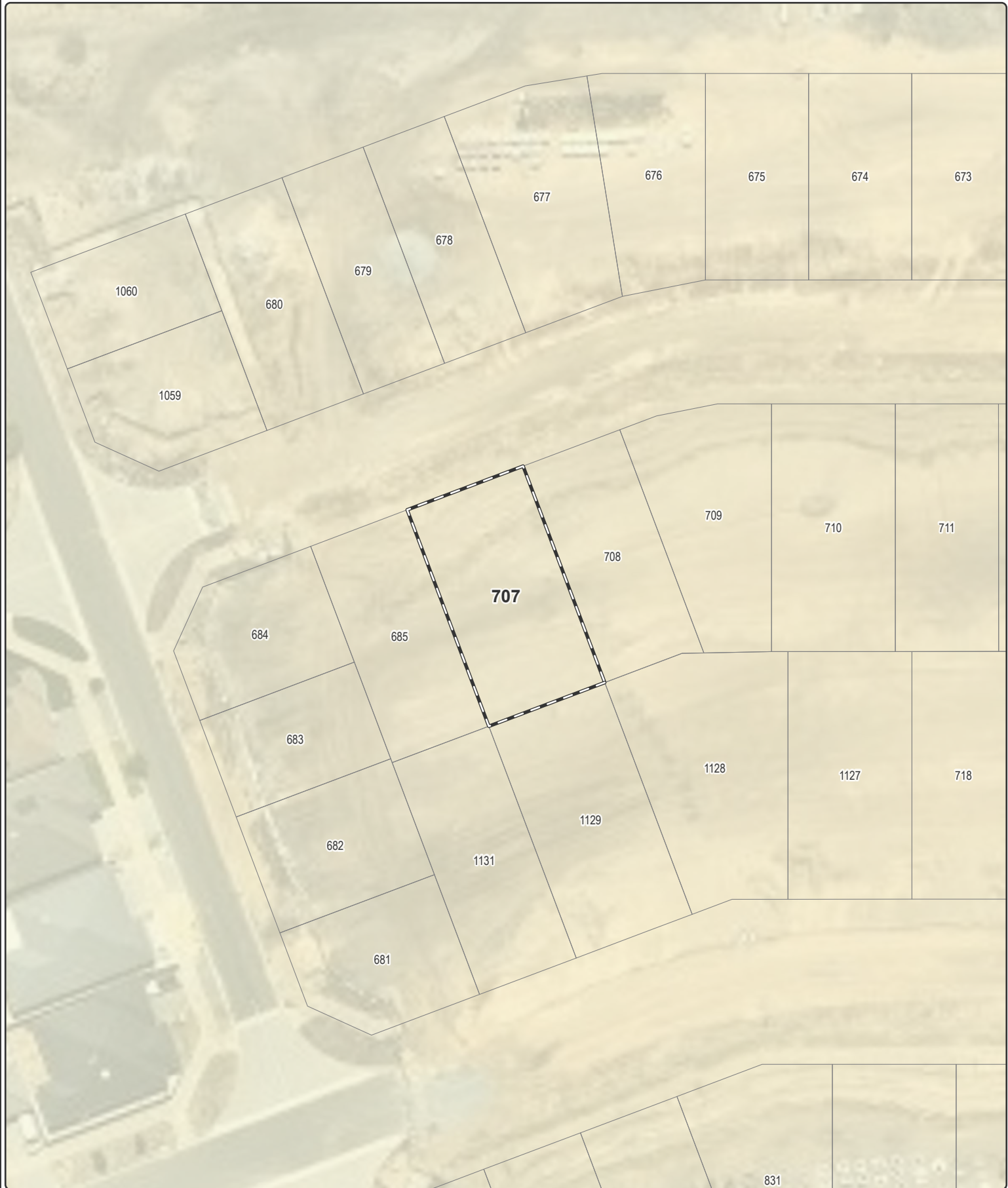
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

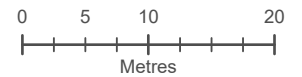


Bushfire Attack Level (BAL) Certificate - Lot 707 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 708, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

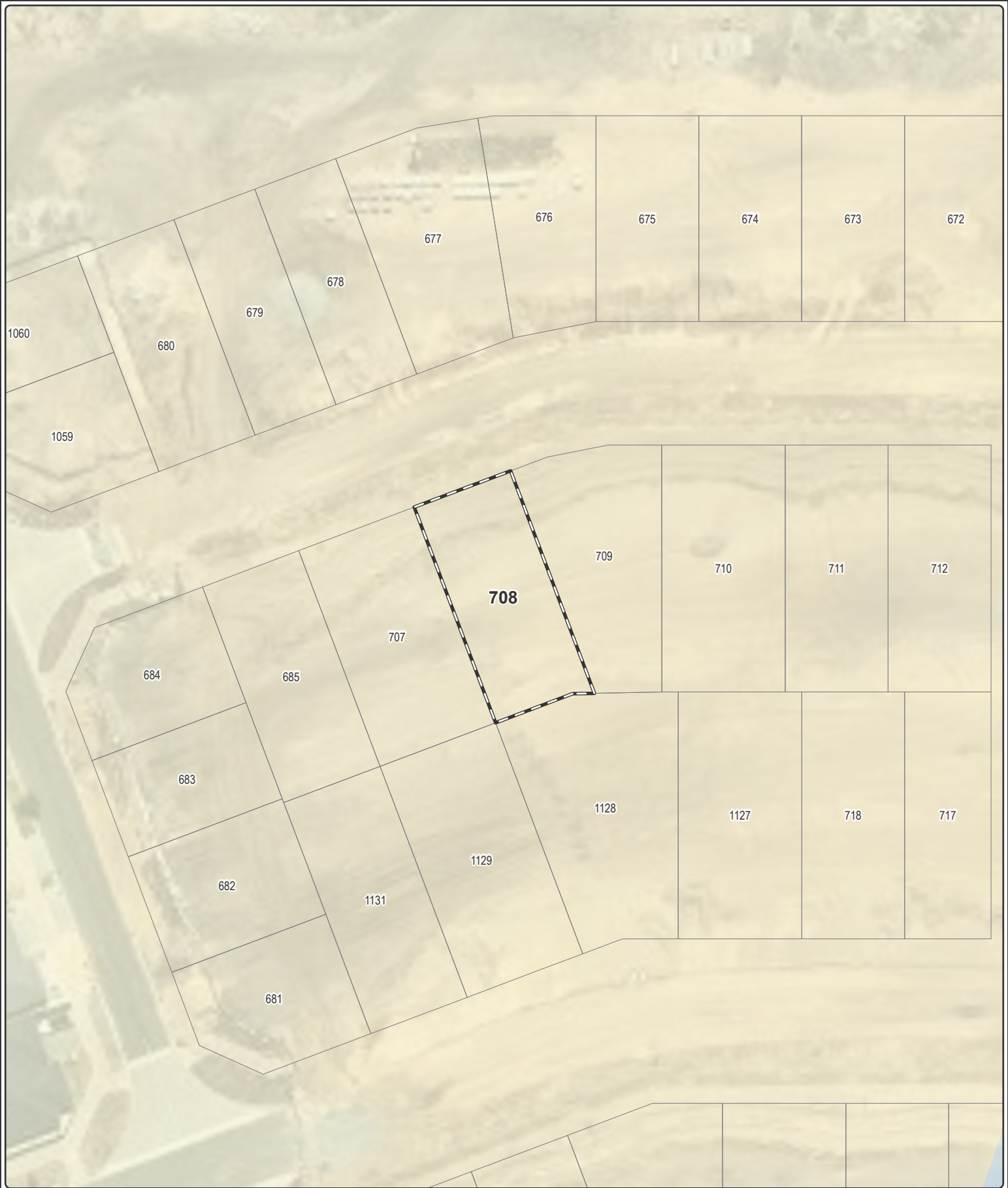
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

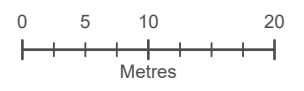


Bushfire Attack Level (BAL) Certificate - Lot 708 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 709, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

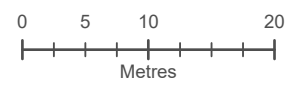


Bushfire Attack Level (BAL) Certificate - Lot 709 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 710, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

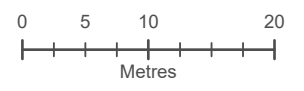


Bushfire Attack Level (BAL) Certificate - Lot 710 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 711, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

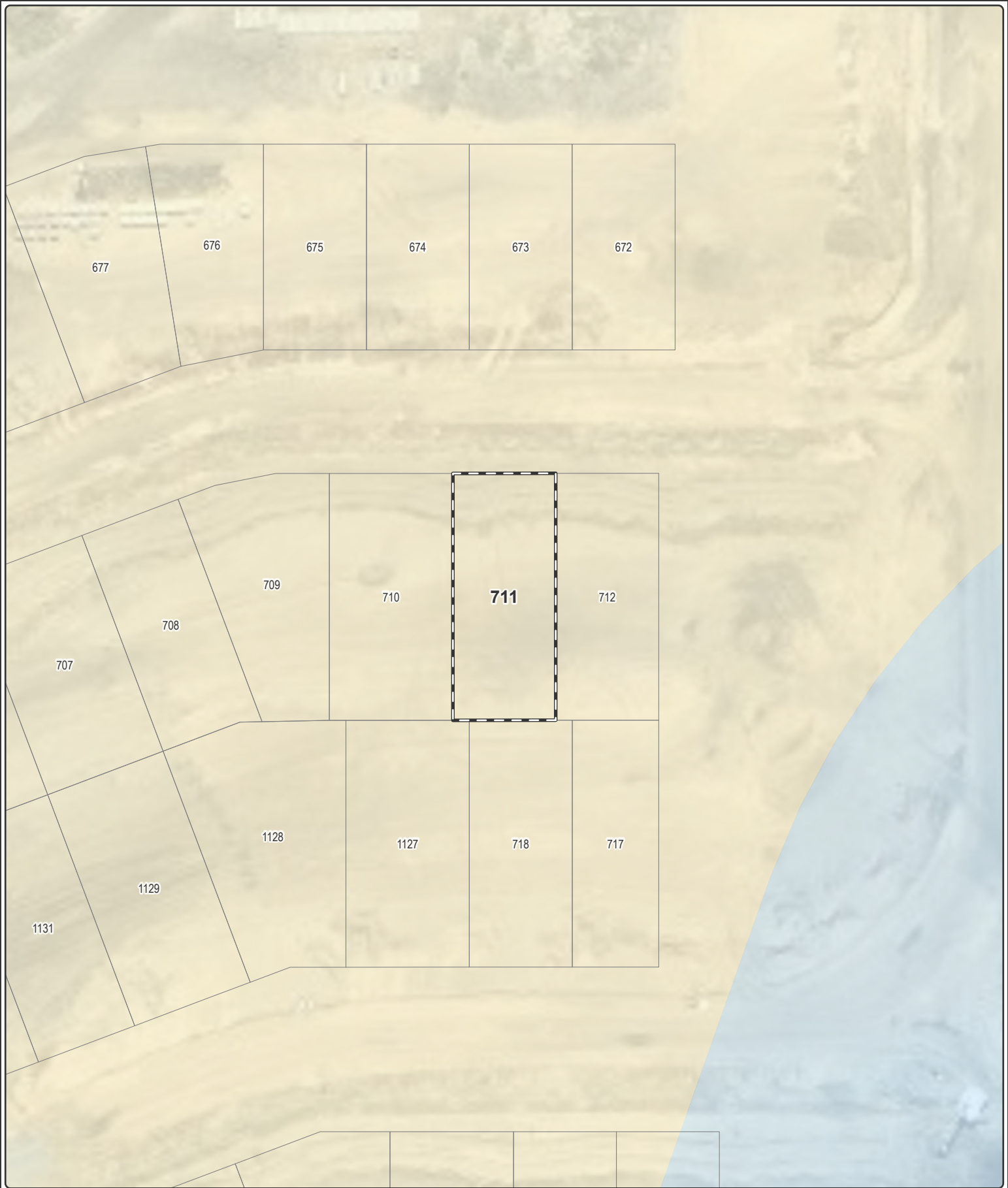
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

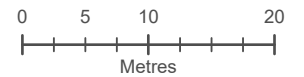


Bushfire Attack Level (BAL) Certificate - Lot 711 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 712, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

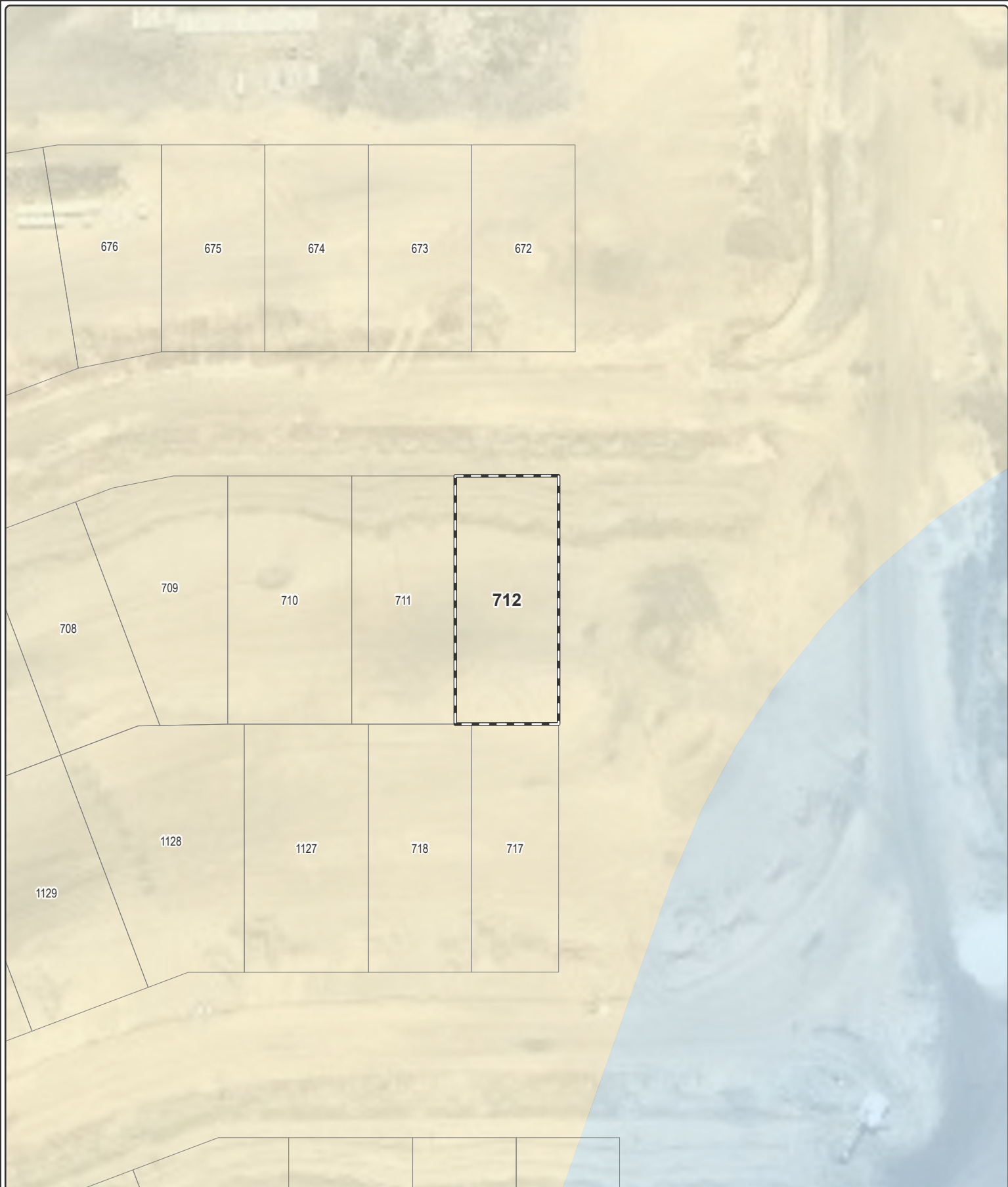
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

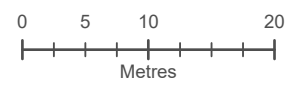


Bushfire Attack Level (BAL) Certificate - Lot 712 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 717, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

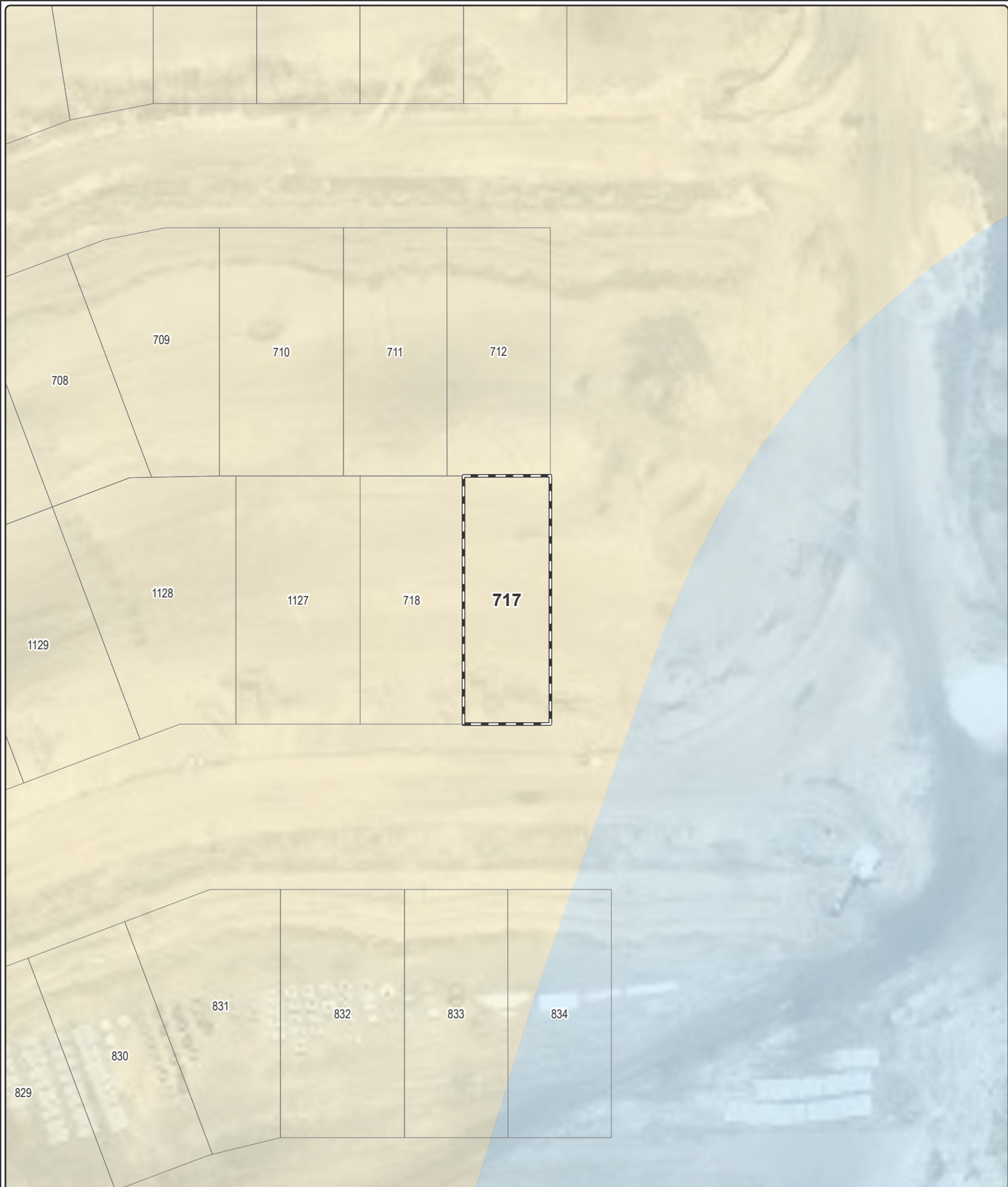
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

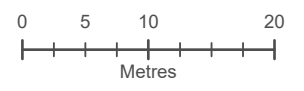


Bushfire Attack Level (BAL) Certificate - Lot 717 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 718, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

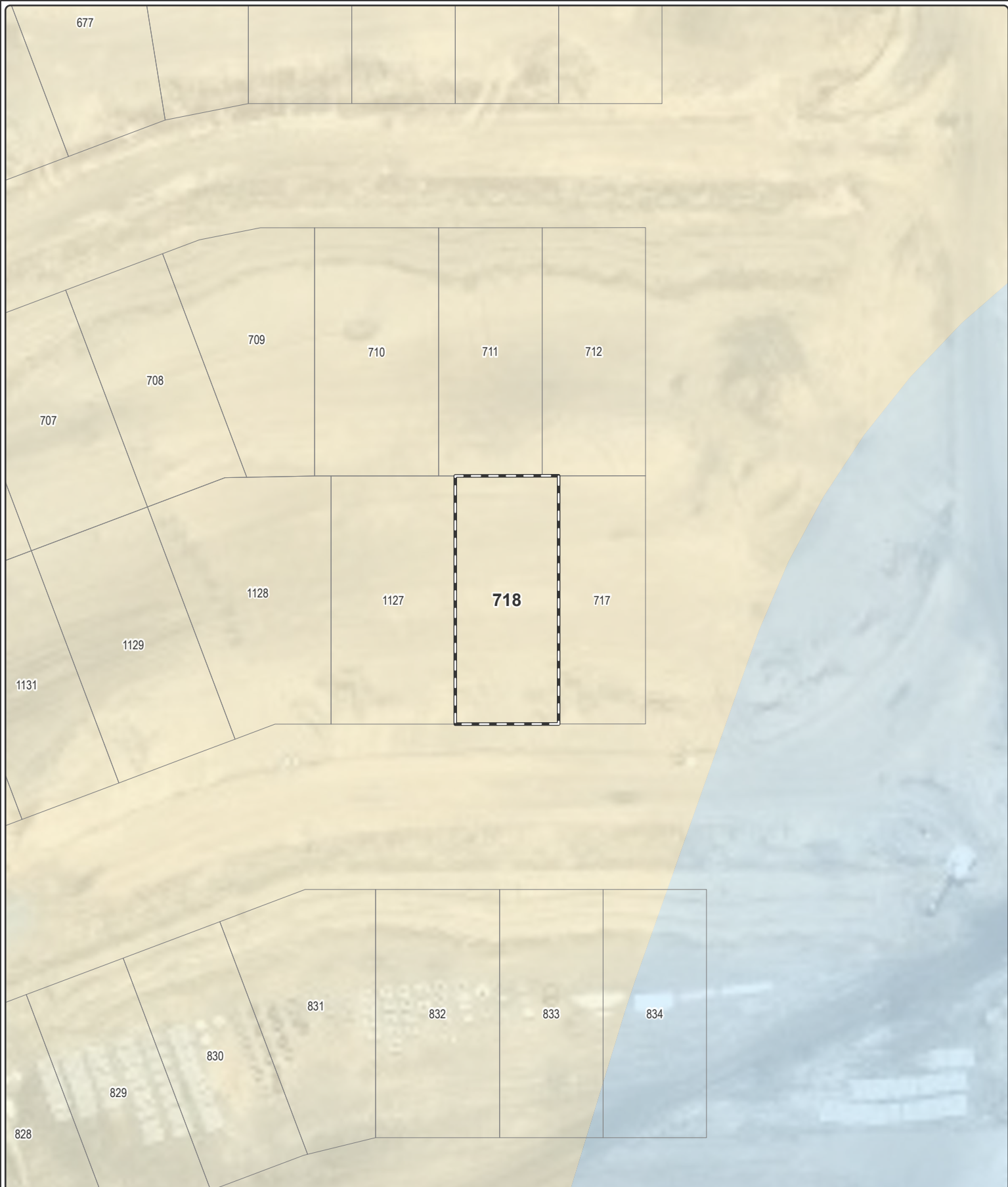
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

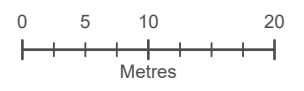


Bushfire Attack Level (BAL) Certificate - Lot 718 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 828, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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Accreditation Expiry: December 2023

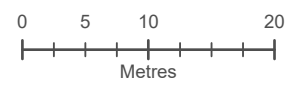


Bushfire Attack Level (BAL) Certificate - Lot 828 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 829, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

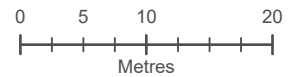


Bushfire Attack Level (BAL) Certificate - Lot 829 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 830, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

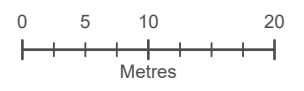


Bushfire Attack Level (BAL) Certificate - Lot 830 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 831, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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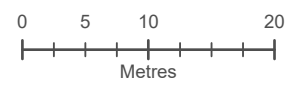


Bushfire Attack Level (BAL) Certificate - Lot 831 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 832, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

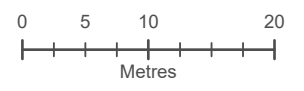


Bushfire Attack Level (BAL) Certificate - Lot 832 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 833, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	*BAL - LOW (*based on a 2.1 m set-back)

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

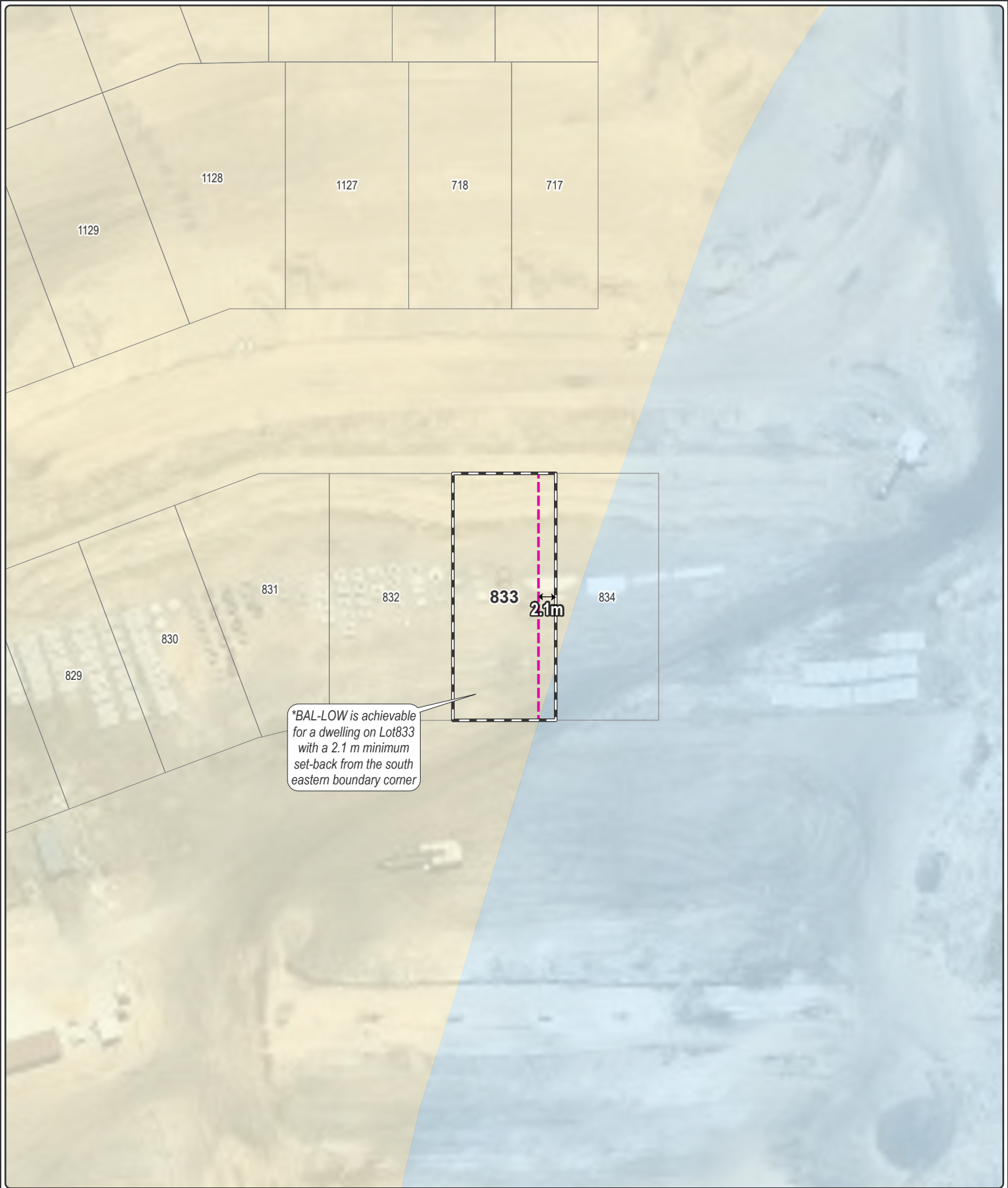
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 15/03/2023












Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

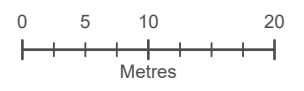


*BAL-LOW is achievable for a dwelling on Lot 833 with a 2.1 m minimum set-back from the south eastern boundary corner

Bushfire Attack Level (BAL) Certificate - Lot 833 (*BAL - LOW)

-  Lot boundary
-  100m site assessment
-  2.1 m lot set-back

- Bushfire Attack Level (BAL)**
-  BAL - FZ
 -  BAL - 40
 -  BAL - 29
 -  BAL - 19
 -  BAL - 12.5
 -  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 13/03/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 834, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class B woodland	Upslope / Flat Land	86 m	BAL - 12.5

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 834 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  100m site assessment
-  Distance to bushfire hazard interface

- Bushfire Attack Level (BAL)**
-  BAL - FZ
 -  BAL - 40
 -  BAL - 29
 -  BAL - 19
 -  BAL - 12.5
 -  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1059, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

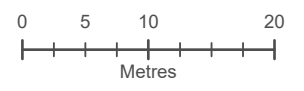


Bushfire Attack Level (BAL) Certificate - Lot 1059 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1060, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









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Accreditation Expiry: December 2023

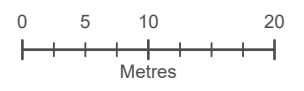


Bushfire Attack Level (BAL) Certificate - Lot 1060 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1127, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

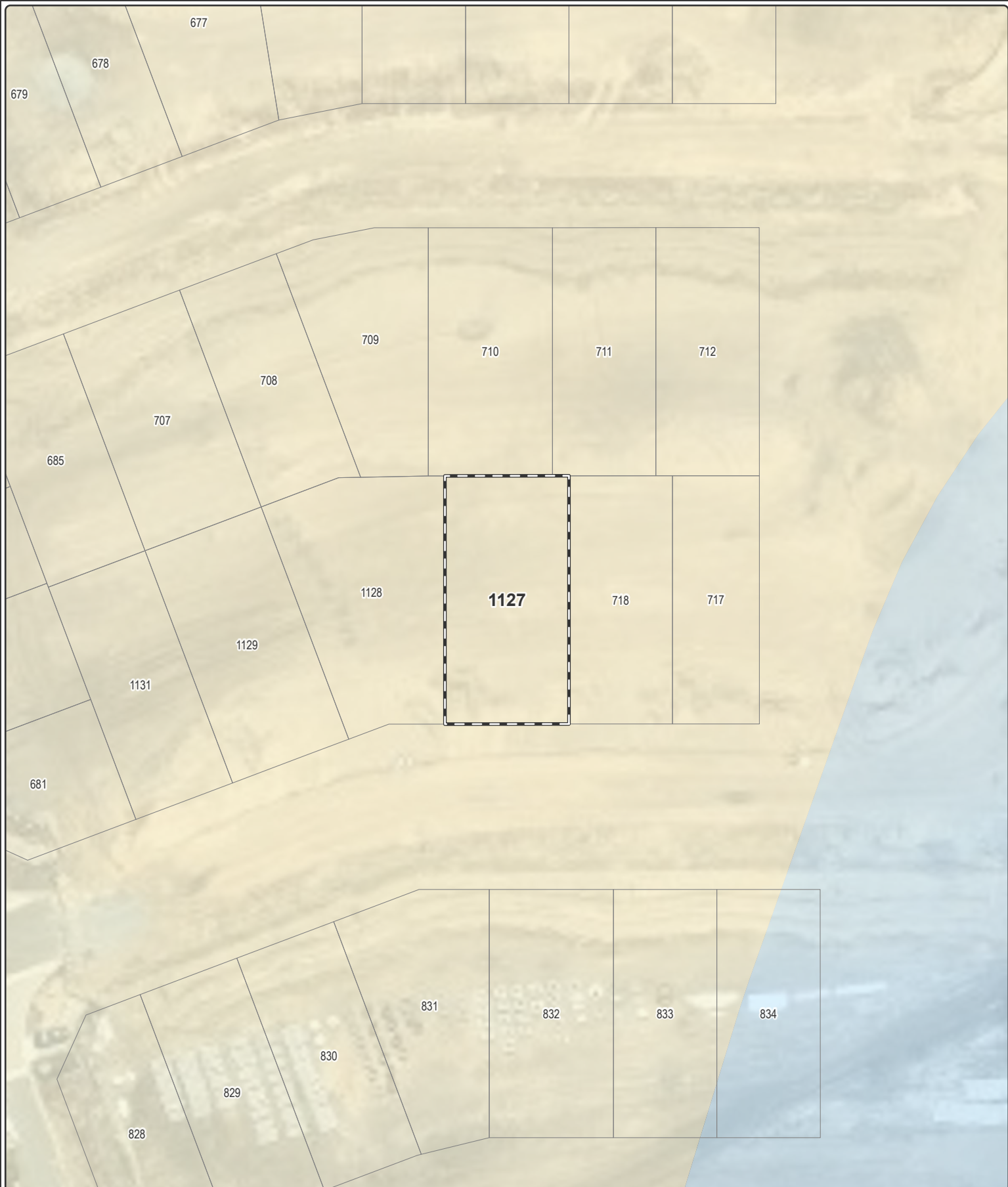
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

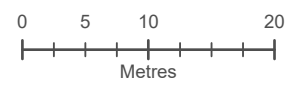


Bushfire Attack Level (BAL) Certificate - Lot 1127 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1128, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

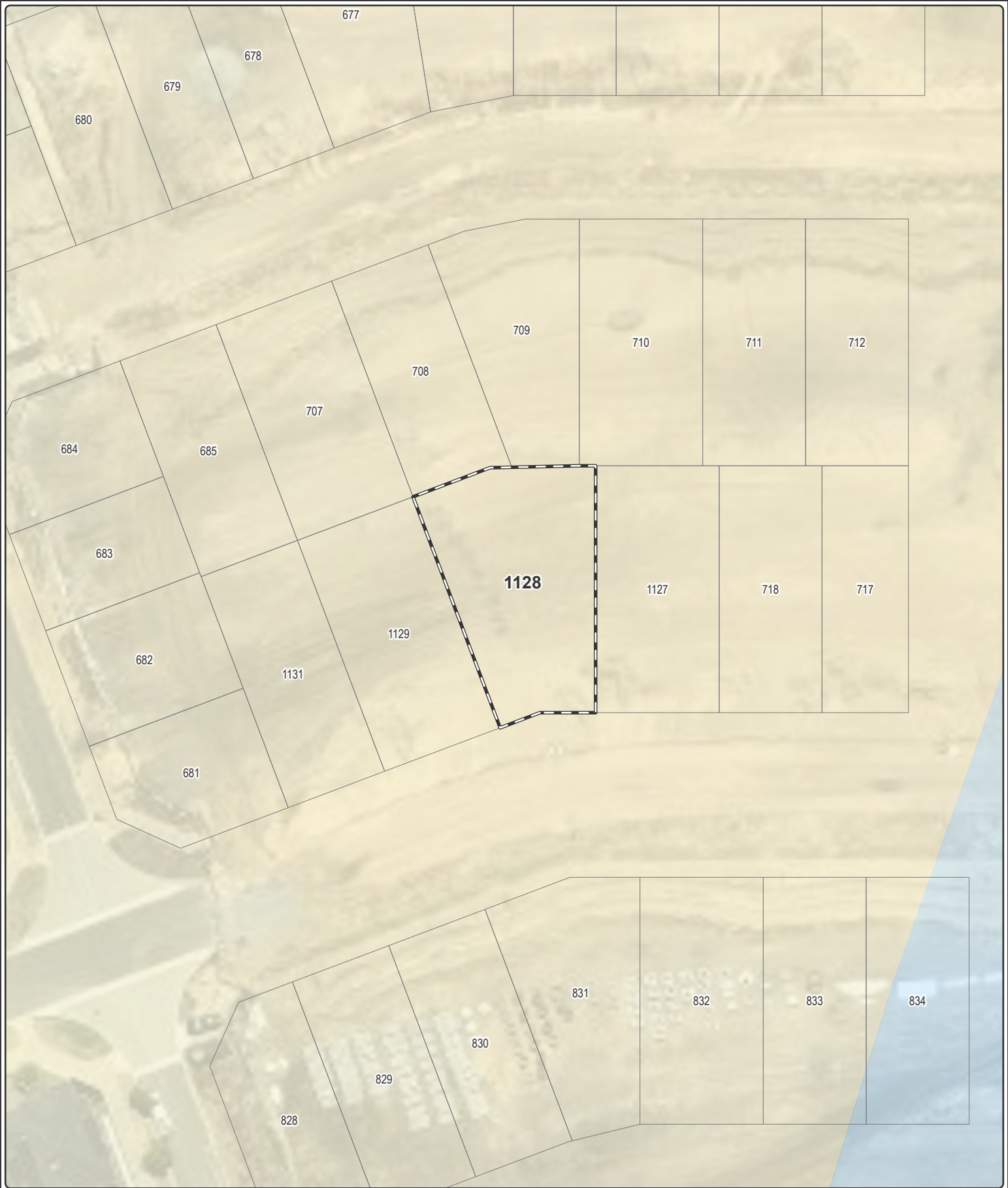
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

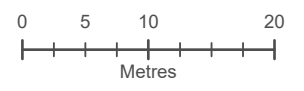


Bushfire Attack Level (BAL) Certificate - Lot 1128 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1129, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

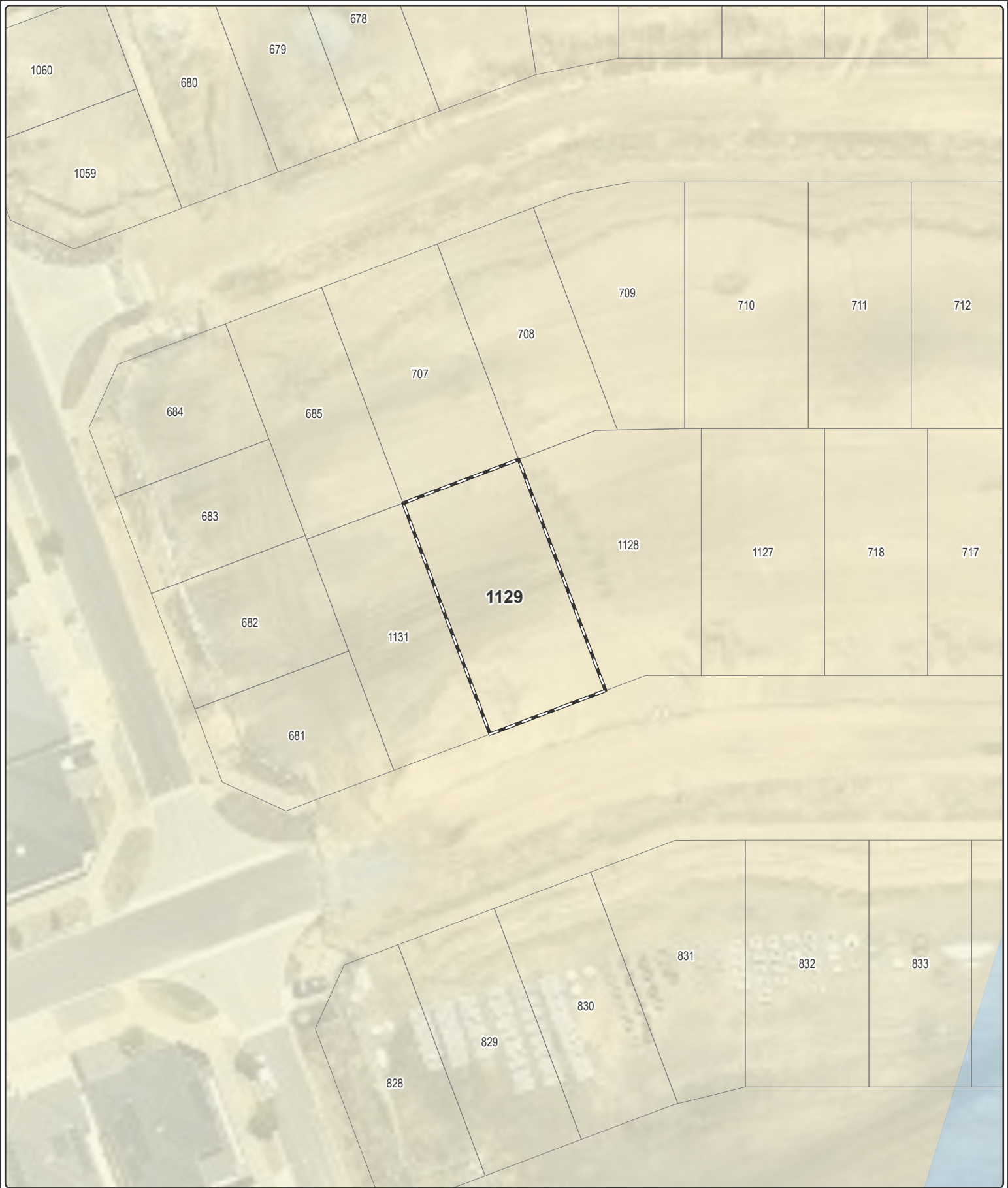
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

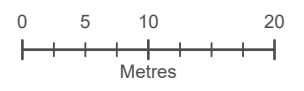


Bushfire Attack Level (BAL) Certificate - Lot 1129 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1131, Stage 10 Baldivis Parks, Baldivis		
Suburb:	Baldivis, 6171	State:	WA
Local Government Area:	City of Rockingham		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	22PER2999	Report Date:	16/02/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	n/a	n/a	n/a	BAL - LOW

Practitioner Details

I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

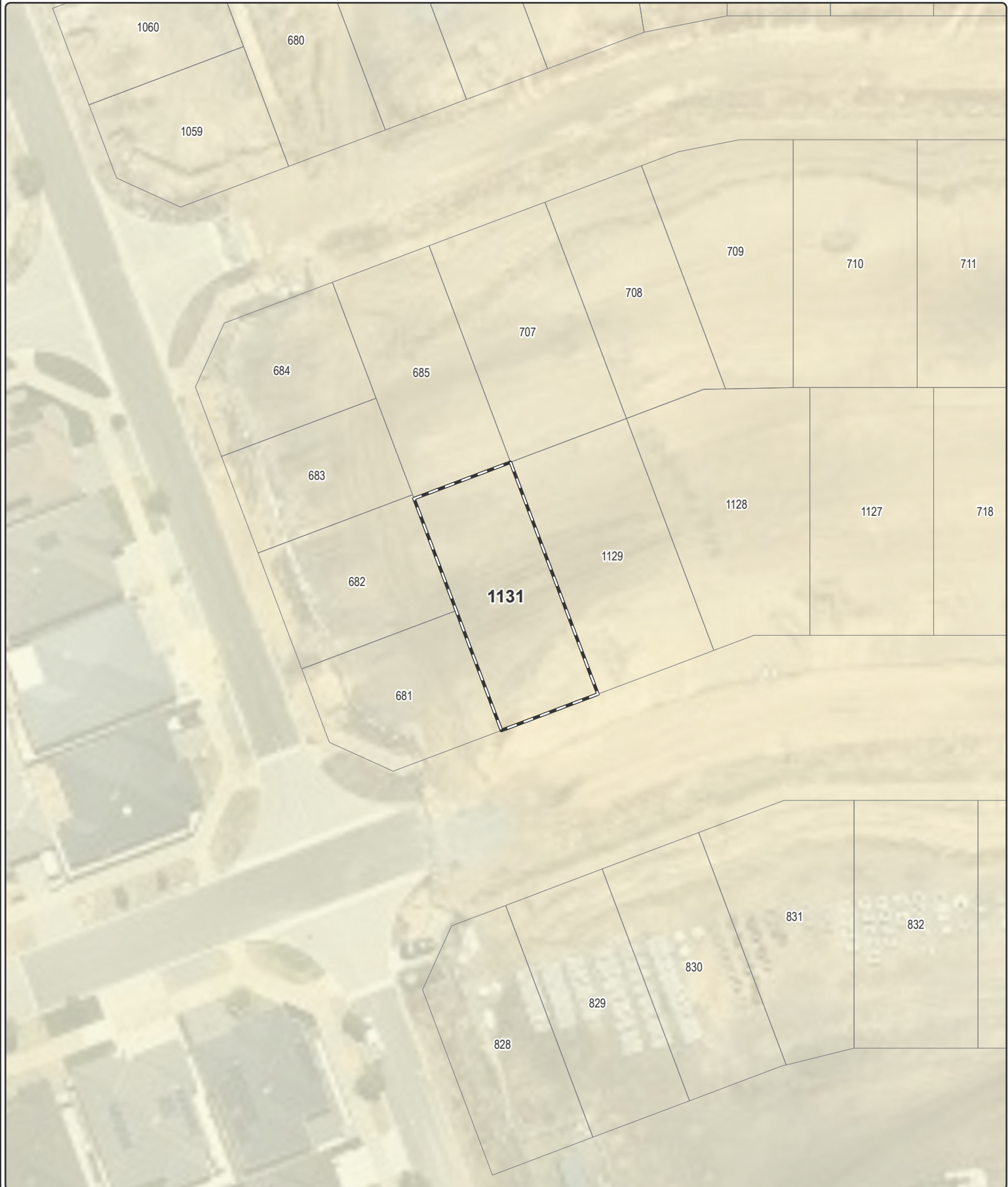
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 15/03/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

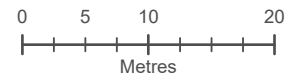


Bushfire Attack Level (BAL) Certificate - Lot 1131 (BAL - LOW)

-  Lot boundary
-  100m site assessment

Bushfire Attack Level (BAL)

-  BAL - FZ
-  BAL - 40
-  BAL - 29
-  BAL - 19
-  BAL - 12.5
-  BAL - LOW



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 28/02/2023

