

Bushfire Attack Level (BAL) Assessment Report for Stage 13 Baldvis Parks, Baldvis

Site Details

Address: Stage 13 Baldvis Parks, Baldvis (Lots 1301-1316 and 1318-1342)

Suburb: Baldvis, 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: 2/06/2023 **Report date:** 12/06/2023

Author: Stephen Moore and Daniel Panickar **Review:** Daniel Panickar (BPAD Level 3-37802)



SITE ASSESSMENT AND SITE PLAN

The assessment of the 41 lots was undertaken on 2 June 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 41 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.

Note: Plot 1 was inaccessible, so no photos of this plot exist. As ELA has assigned the highest possible vegetation classification to this plot (i.e. Class A Forest), and the plot is located more than 100 m from the subject site, this is not expected to be an issue.

Plot 2 Classification or Exclusion Clause Class B Woodland

Photo Point 1

Classified vegetation within this plot is comprised of trees 10 m to 30 m tall with varying foliage cover. Understorey is comprised of short grasses and sparsely distributed shrubs. It is likely that this vegetation will be cleared for development in the future.

Slope under vegetation was assessed as upslope/flat land.



Plot 3 Classification or Exclusion Clause Class D Scrub

Photo Point 2

Classified vegetation within this plot is comprised of shrubs with an average height >2 m. This vegetation exists as narrow bands within and adjacent to the Kwinana Freeway.

Slope under vegetation was assessed as upslope/flat land.



Plot 3 Classification or Exclusion Clause Class D Scrub

Photo Point 3

Classified vegetation within this plot is comprised of shrubs with an average height >2 m. This vegetation exists as narrow bands within and adjacent to the Kwinana Freeway.

Slope under vegetation was assessed as upslope/flat land.



Plot 3 Classification or Exclusion Clause

Class D Scrub

Photo Point 4

Classified vegetation within this plot is comprised of shrubs with an average height >2 m. This vegetation exists as narrow bands within and adjacent to the Kwinana Freeway.

Note: This vegetation exists in the median strip of the Kwinana Freeway. It is not possible to take a closer photo.

Slope under vegetation was assessed as upslope/flat land.

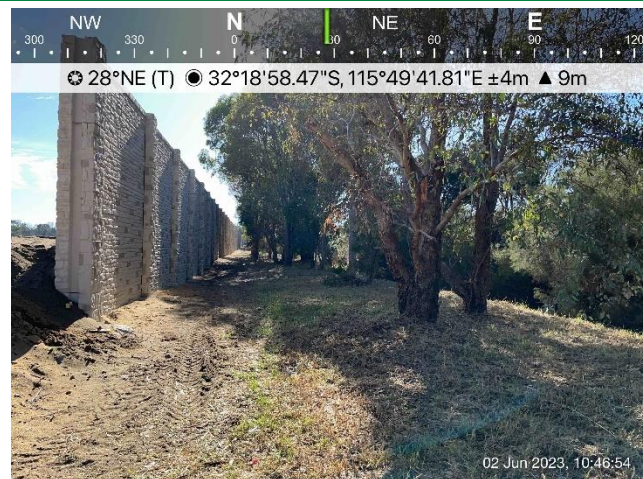


Plot 4 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (f)

Photo Point 5

Vegetation within this area is comprised of trees over very short-cropped grass. It resembles a parkland cleared/managed windbreak and is separated from the site by a 3.8 m tall masonry wall.

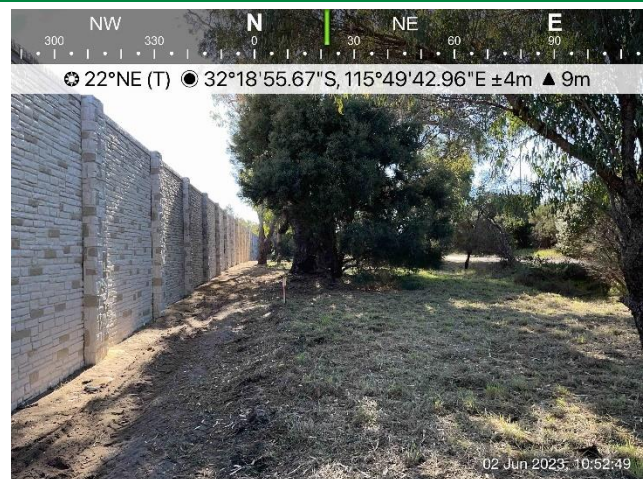


Plot 4 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (f)

Photo Point 6

Vegetation within this area is comprised of trees over very short-cropped grass. It resembles a parkland cleared/managed windbreak and is separated from the site by a 3.8 m tall masonry wall.



Plot 4 Classification or Exclusion Clause

Excluded AS 3959:2018 2.2.3.2 (f)

Photo Point 7

Vegetation within this area is comprised of trees over very short-cropped grass. It resembles a parkland cleared/managed windbreak and is separated from the site by a 3.8 m tall masonry wall.



Plot 4 Classification or Exclusion Clause

Excluded AS 3959:2018 2.2.3.2 (e)

Photo Point 8

This area has been cleared of vegetation for residential development.



Plot 4 Classification or Exclusion Clause

Excluded 3959: 2018 2.2.3.2 (f)

Photo Point 9

Vegetation in this area is comprised of trees over very short-cropped grass. This land is also within Baldivis Parks Estate and is in the process of being cleared for development.



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"/>
Table 2.4.5	Table 2.4.4	Table 2.4.3	Table 2.4.2

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 Figure 1.

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 A Forest	All upslopes and flat land (0 degrees)	<16	16-<21	21-<31	31-<42	42-<100
2	Class B Woodland	All upslopes and flat land (0 degrees)	<10	10-<14	14-<20	20-<29	29-<100
3	Class D Scrub	All upslopes and flat land (0 degrees)	<10	10-<13	13-<19	19-<27	27-<100
4	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 each proposed lot 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-40	Lots 1318*, 1319*, 1320* and 1321*.	3 and 8
BAL-29	Lots 1310, 1311, 1312, 1313, 1314, 1315 and 1316.	3 and 7
BAL-19		3 and 6
BAL-12.5	Lots 1306, 1307, 1308, 1309, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1339, 1340, 1341 and 1342.	3 and 5
BAL-LOW	Lots 1301, 1302, 1303, 1304, 1305, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1337 and 1338.	3 and 4

*THE BAL RATING FOR A FUTURE DWELLING ON THIS LOT CAN BE REDUCED TO BAL-29, PROVIDED A 1 M REAR OF LOT SETBACK IS APPLIED.

Note: These BAL ratings are based on the information current at the date of this document and are valid for 12 months.

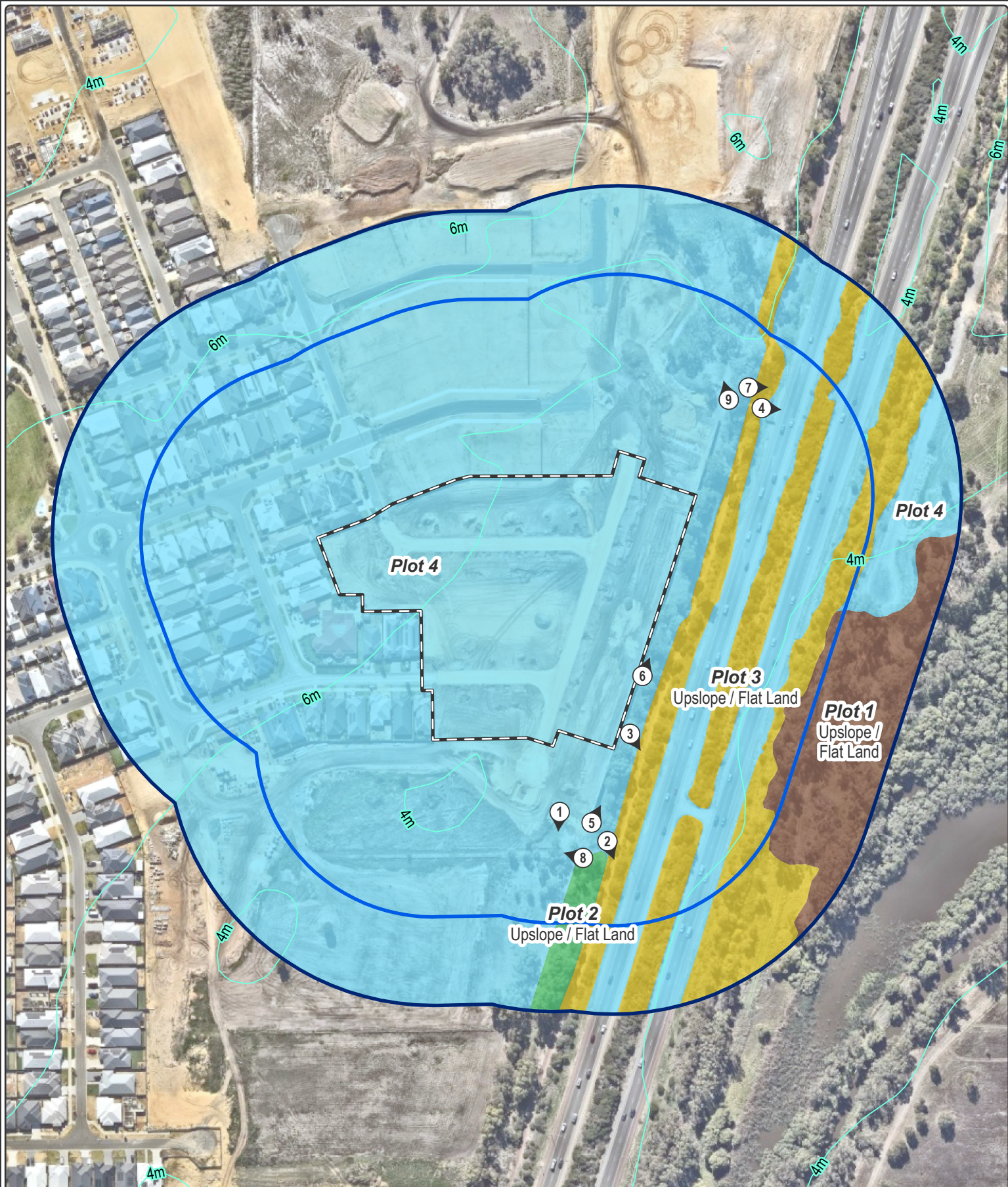










Figure 1: Vegetation Classification

<ul style="list-style-type: none">  Subject site  100m site assessment  150m site assessment  Contour (2m) 	<p>Vegetation classification</p> <ul style="list-style-type: none">  Class A Forest  Class B Woodland  Class D Scrub  Excluded as per clause 2.2.3.2 (e) and (f) 	<p>0 25 50 100 Metres</p> <p>Datum/Projection: GDA 1994 MGA Zone 50</p> <p>23PER2999-RD Date: 16/06/2023</p>
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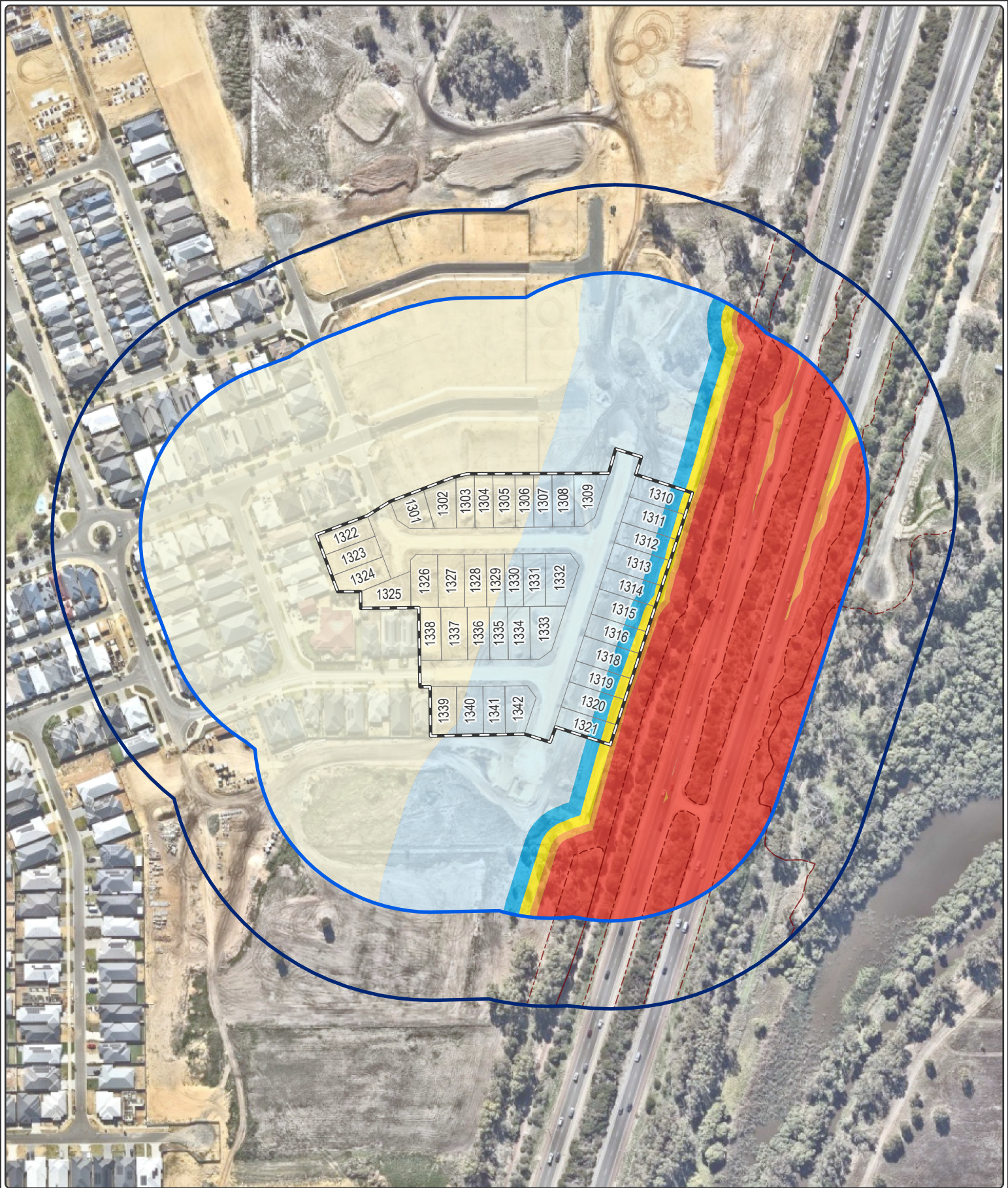






Figure 2: Bushfire Attack Level (BAL) Contours

 Subject site	Bushfire Attack Level (BAL)	 <p>Datum/Projection: GDA 1994 MGA Zone 50</p> <p>22PER2999-RD Date: 20/06/2023</p>
 100m site assessment	 BAL - FZ	
 150m site assessment	 BAL - 40	
 Lot boundary	 BAL - 29	
 Bushfire hazard interface	 BAL - 19	
	 BAL - 12.5	
	 BAL - LOW	 

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	≤12.5 kW/m ²	Ember attack	3 and 5
BAL-19	>12.5 kW/m ² ≤19 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 kW/m ² ≤29 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 kW/m ² ≤40 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 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 1301, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	147 m	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: 19/06/2023









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Accreditation Expiry: December 2023

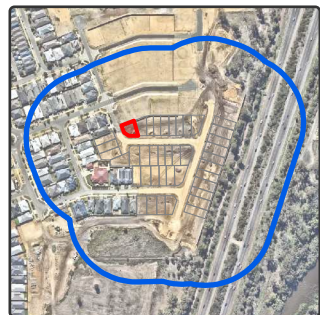


Bushfire Attack Level (BAL) Certificate - Lot 1301 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1302, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	135 m	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: 19/06/2023









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Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1302 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1303, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	126 m	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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1303 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1304, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	117 m	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.

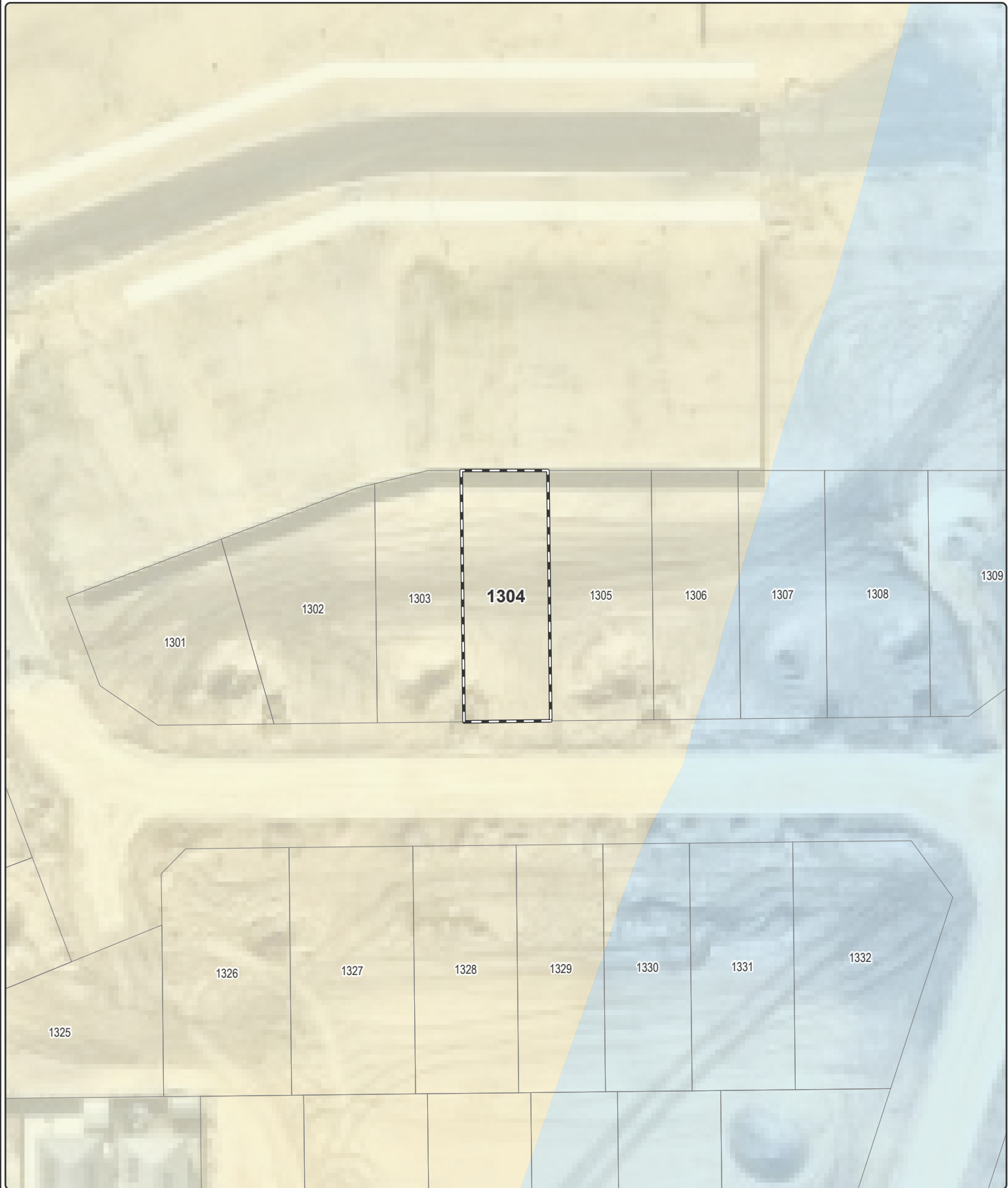
Name Daniel Panickar
Eco Logical Australia

Signature: 


Certificate Date: 19/06/2023









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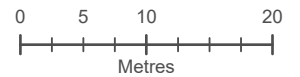


Bushfire Attack Level (BAL) Certificate - Lot 1304 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1305, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	105 m	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.

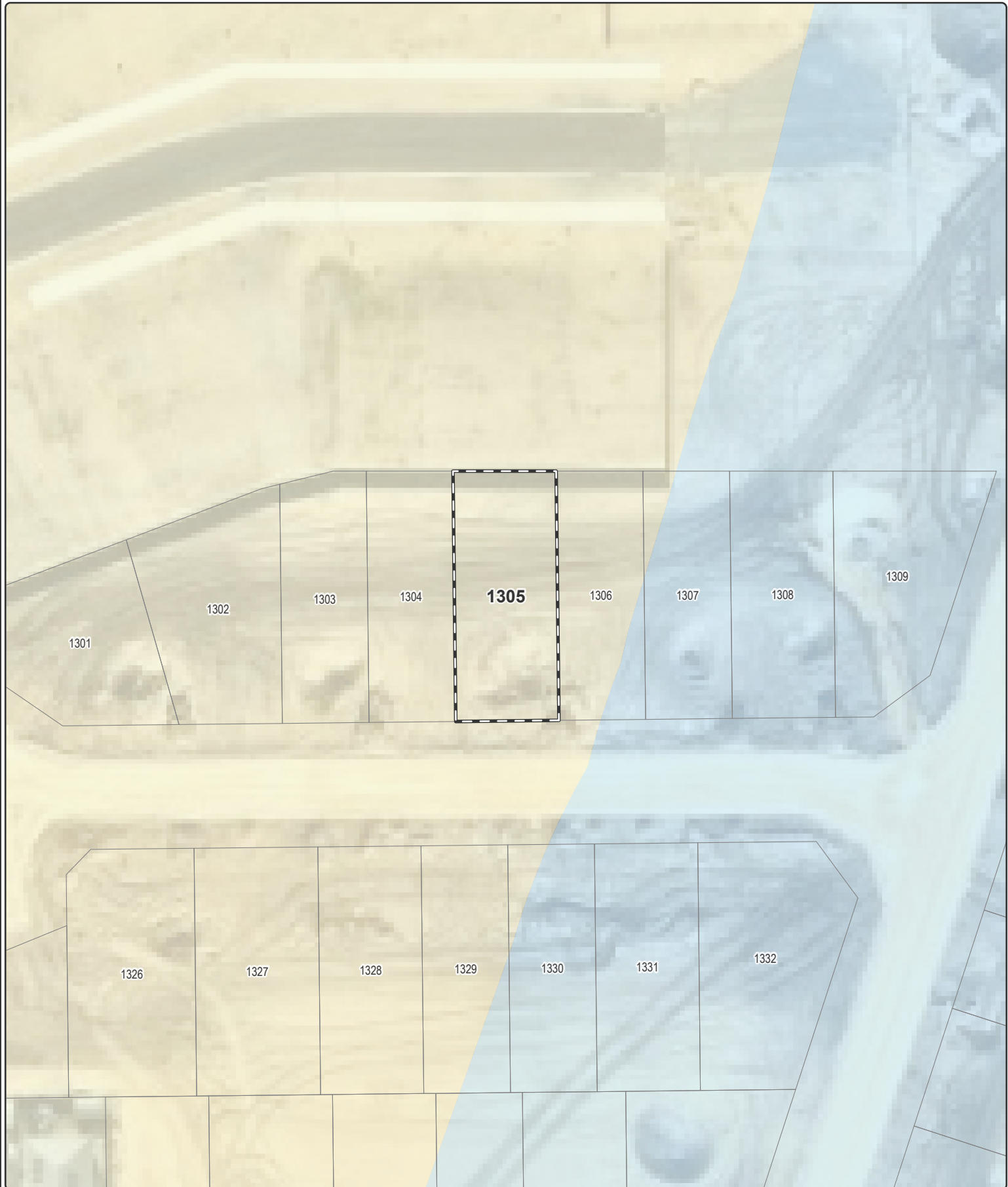
Name Daniel Panickar
Eco Logical Australia

Signature: 


Certificate Date: 19/06/2023









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Bushfire Attack Level (BAL) Certificate - Lot 1305 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1306, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	95 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.

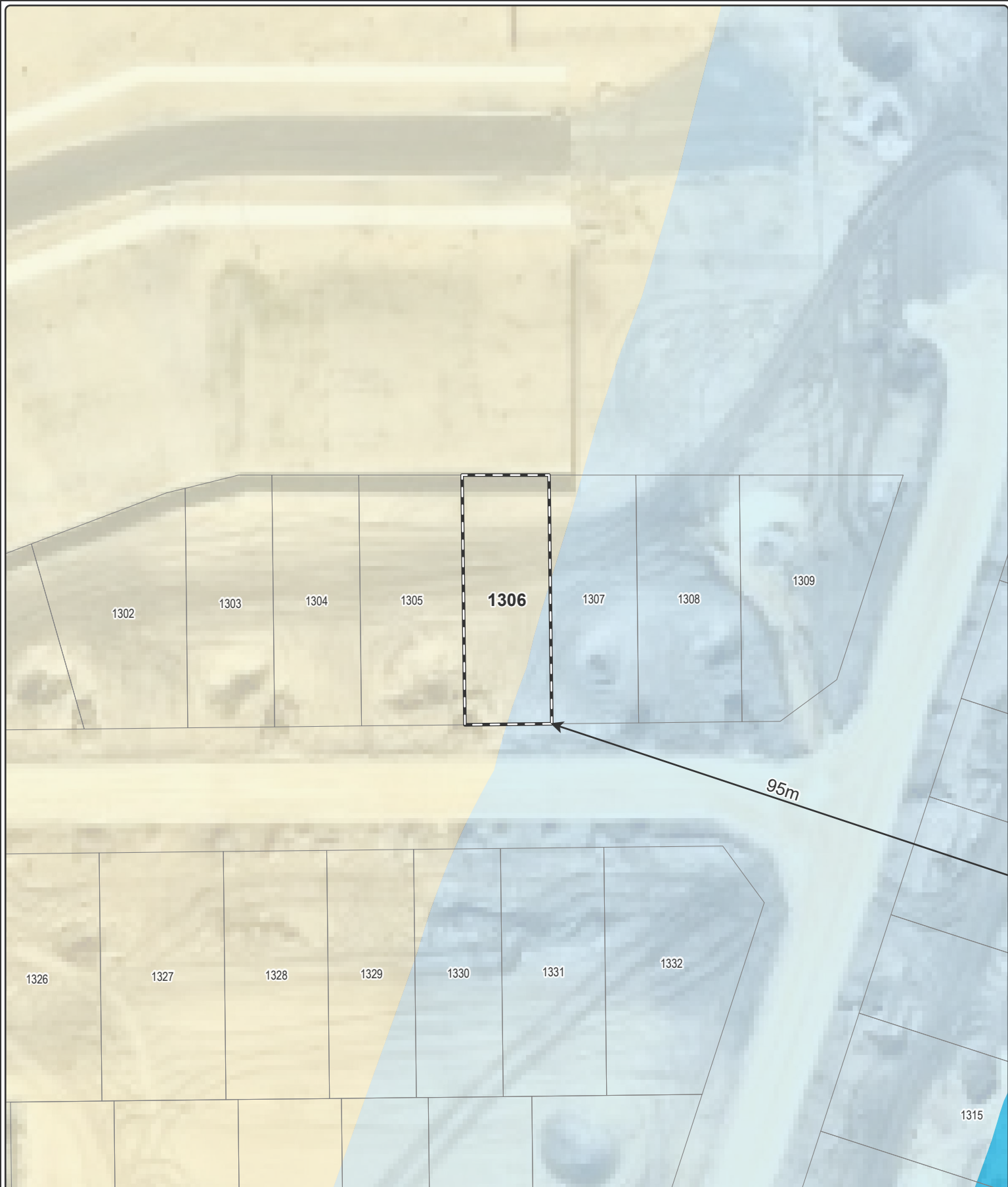
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 19/06/2023









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Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1306 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1307, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	85 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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1307 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1308, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	73 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.

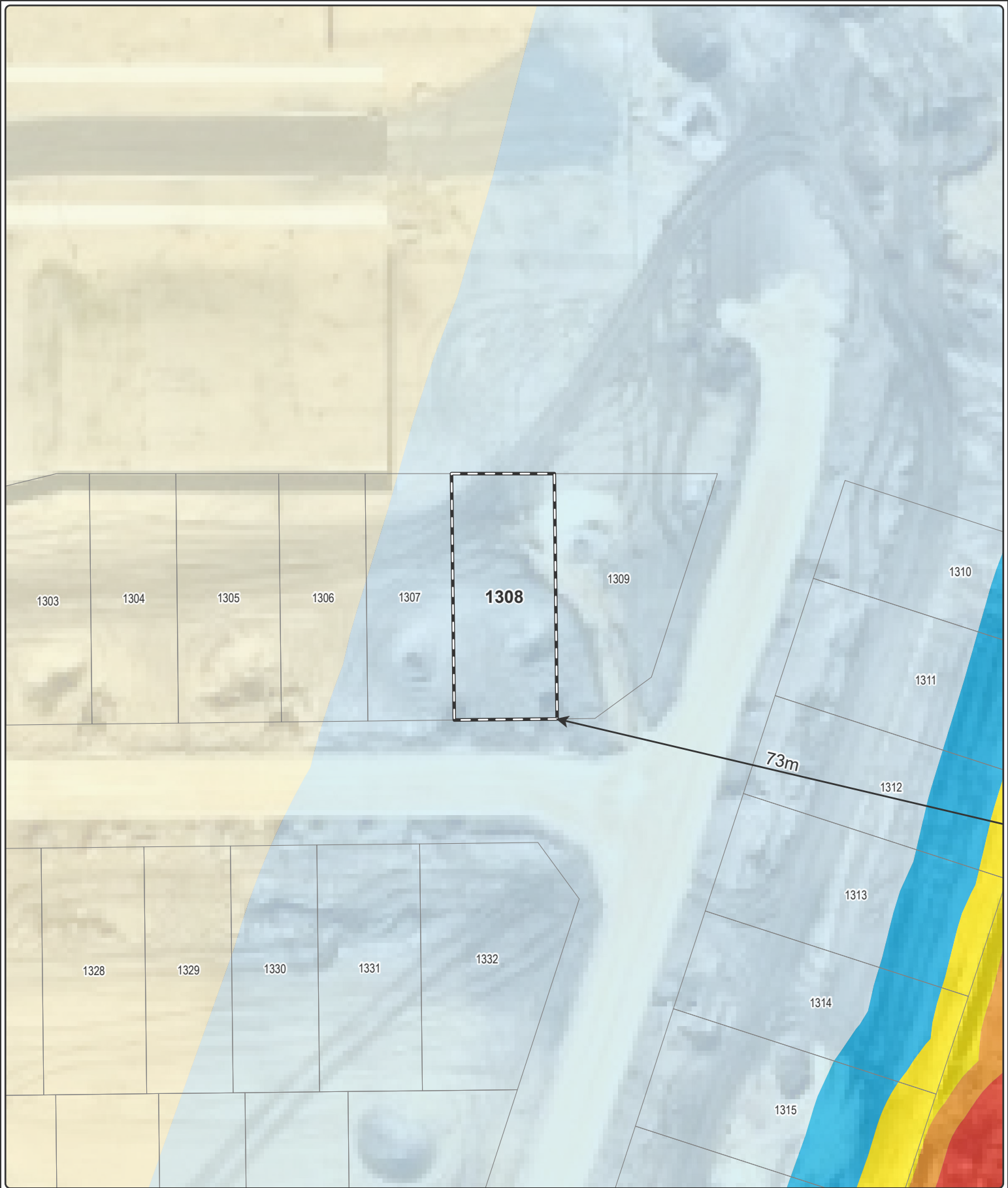
Name Daniel Panickar
Eco Logical Australia

Signature: 



Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1308 (BAL - 12.5)

-  Lot boundary
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1309, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	63 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.

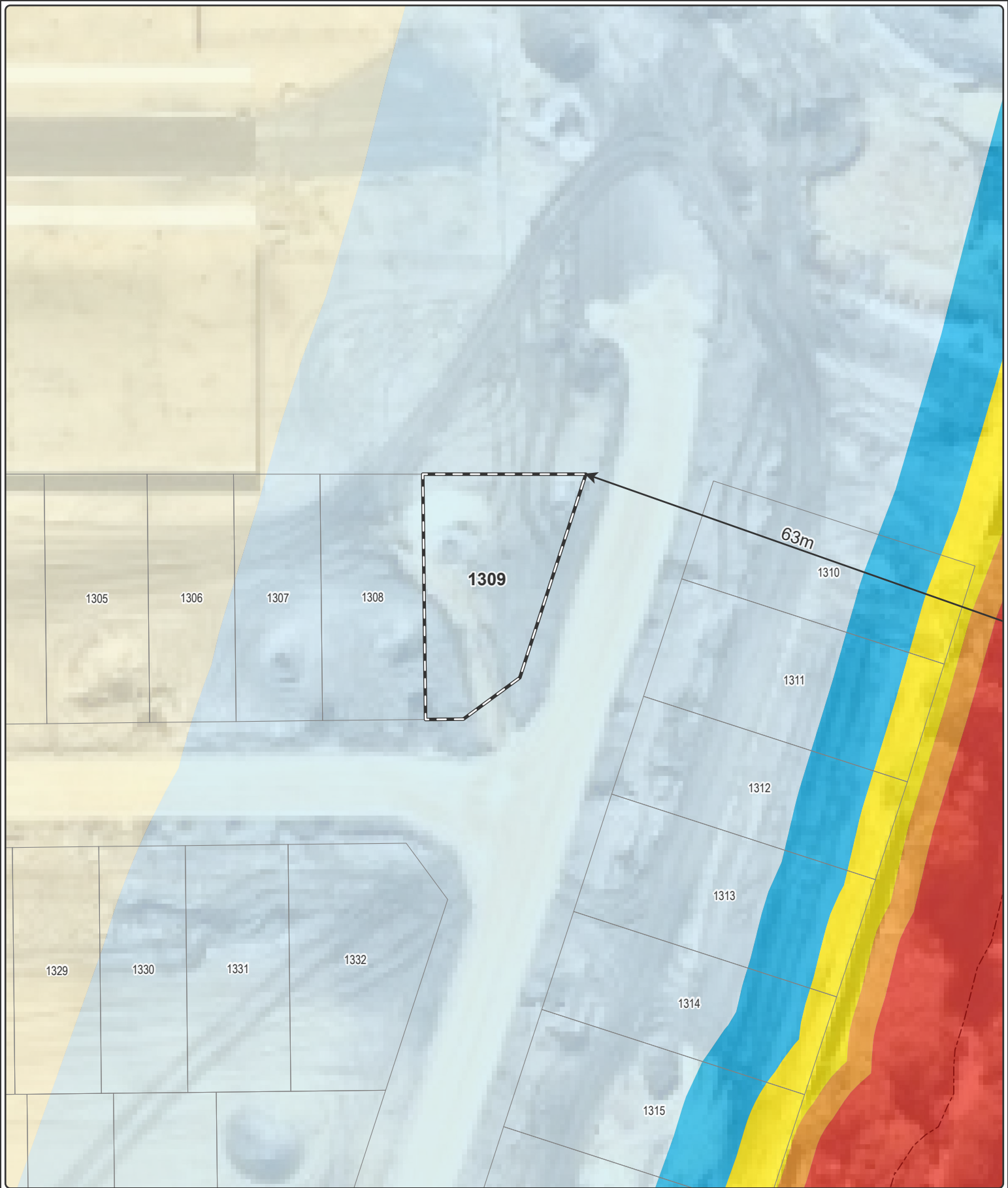
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

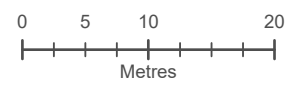


Bushfire Attack Level (BAL) Certificate - Lot 1309 (BAL - 12.5)

- Lot boundary
- Bushfire hazard interface
- 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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1310, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	14 m	BAL - 29

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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

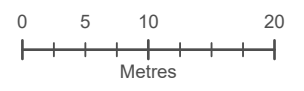


Bushfire Attack Level (BAL) Certificate - Lot 1310 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1311, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	15 m	BAL - 29

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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

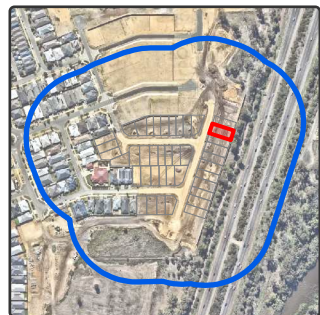


Bushfire Attack Level (BAL) Certificate - Lot 1311 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1312, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	15 m	BAL - 29

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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

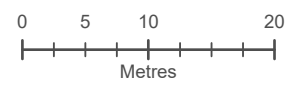


Bushfire Attack Level (BAL) Certificate - Lot 1312 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1313, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	15 m	BAL - 29

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: 19/06/2023









Accreditation No: BPAD 37802
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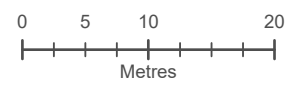


Bushfire Attack Level (BAL) Certificate - Lot 1313 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1314, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	14 m	BAL - 29

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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1314 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1315, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	13 m	BAL - 29

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.

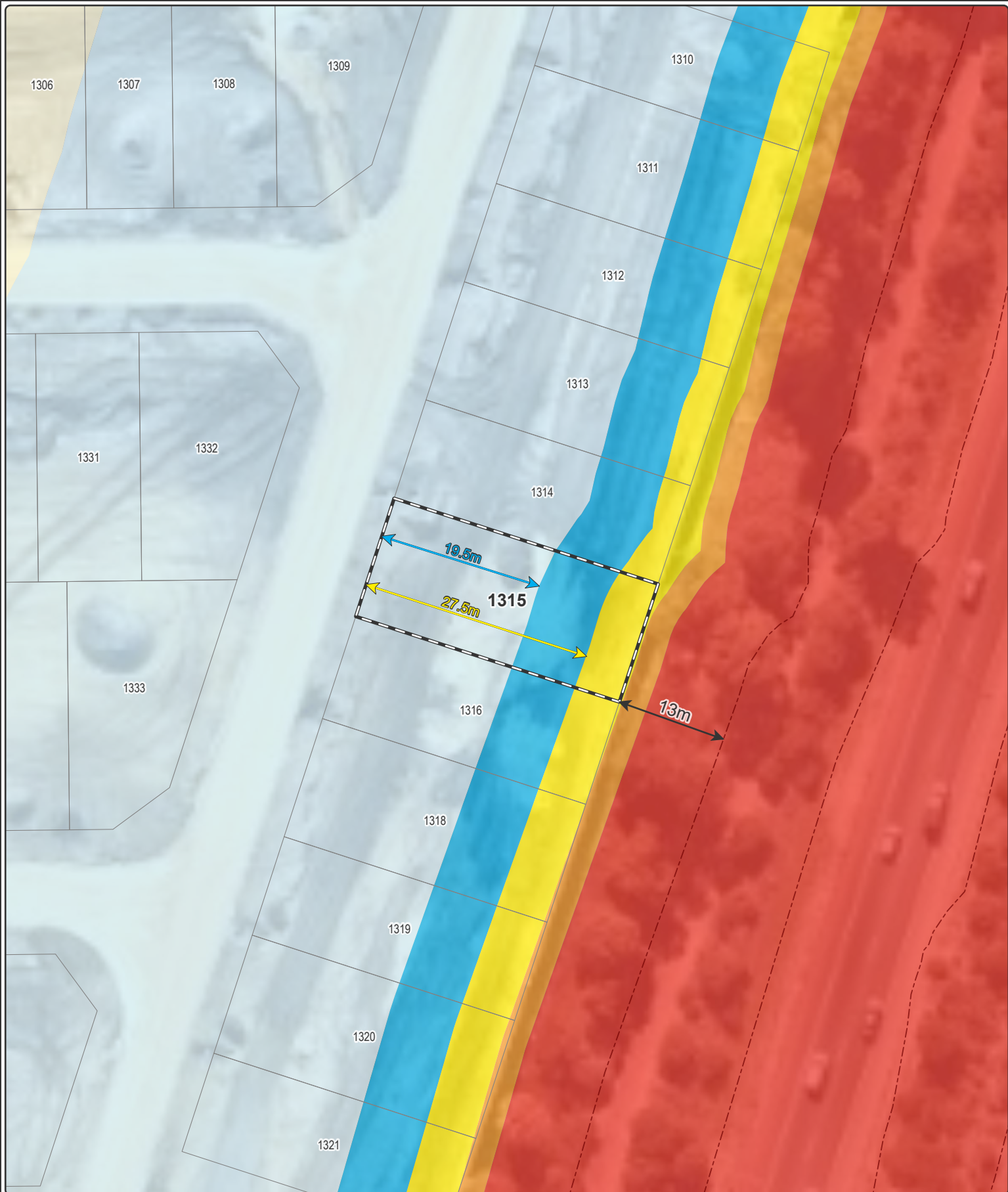
Name Daniel Panickar
Eco Logical Australia

Signature: 






Certificate Date: 19/06/2023









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Accreditation Expiry: December 2023

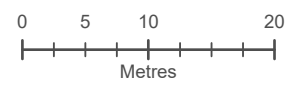


Bushfire Attack Level (BAL) Certificate - Lot 1315 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1316, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	13 m	BAL - 29

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: 19/06/2023









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Accreditation Expiry: December 2023

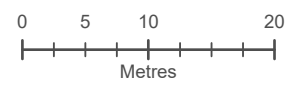


Bushfire Attack Level (BAL) Certificate - Lot 1316 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1318, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	13 m	BAL - 40

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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1318 (*BAL - 40)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

- 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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1319, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	12 m	BAL - 40

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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

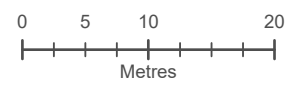


Bushfire Attack Level (BAL) Certificate - Lot 1319 (*BAL - 40)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1320, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	12 m	BAL - 40

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.

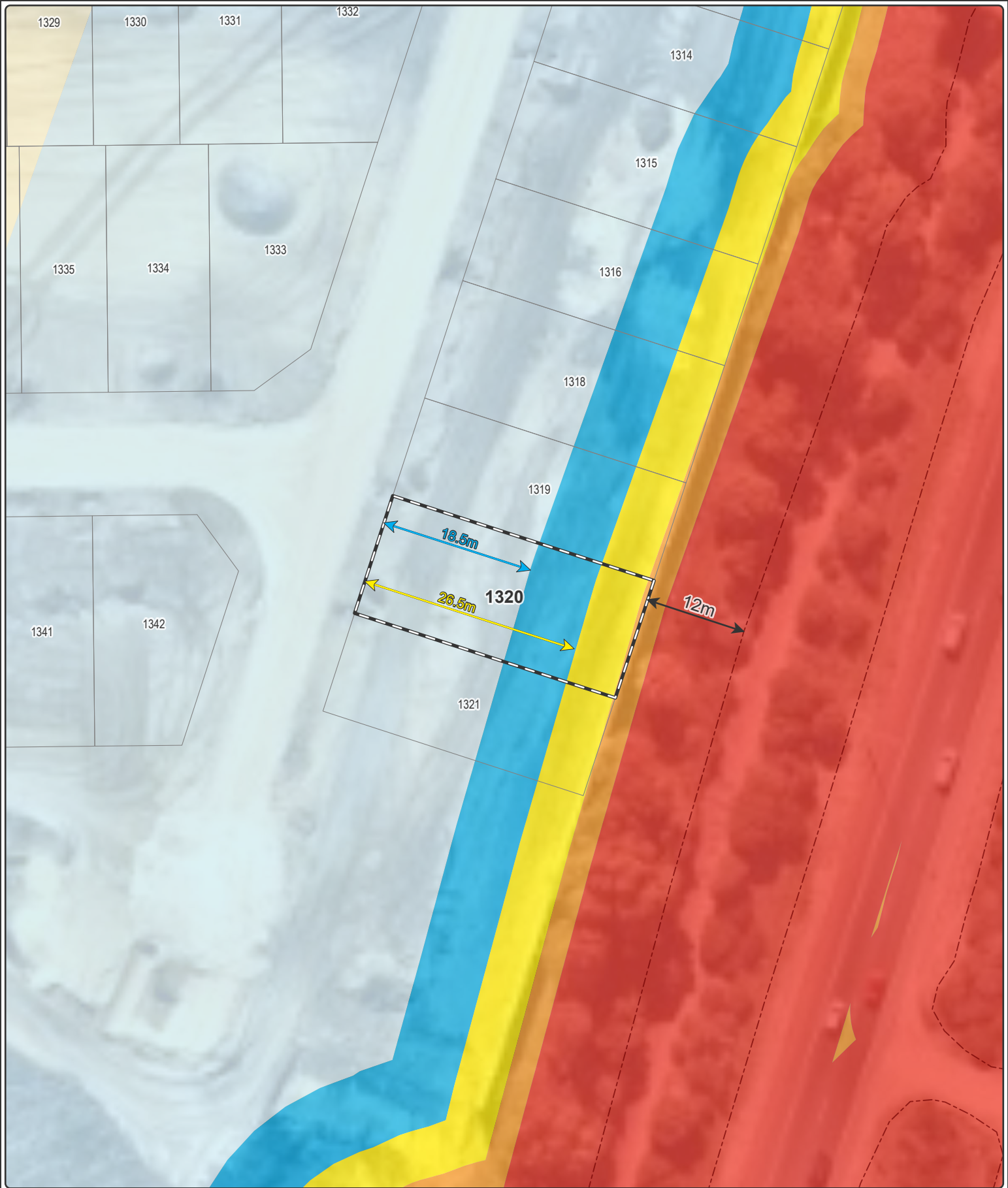
Name Daniel Panickar
Eco Logical Australia

Signature: 






Certificate Date: 19/06/2023









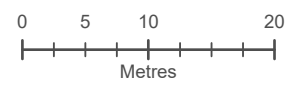
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1320 (*BAL - 40)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

- 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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1321, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	13 m	BAL - 40

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.

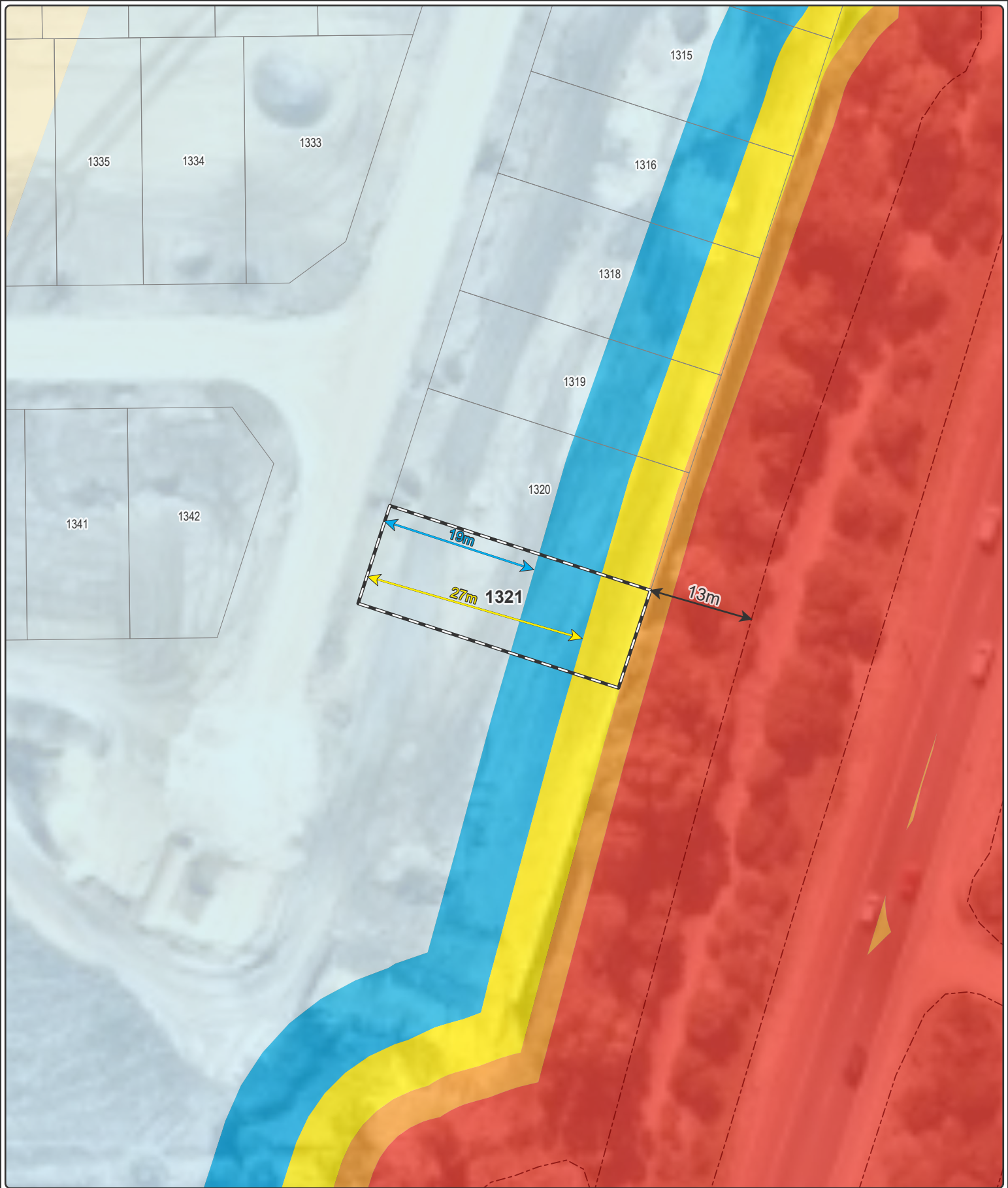
Name Daniel Panickar
Eco Logical Australia

Signature: 






Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1321 (*BAL - 40)

-  Lot boundary *Intersects multiple BAL contours
-  Bushfire hazard interface
-  Distance to bushfire hazard interface
-  BAL - 19 workable area
-  BAL - 29 workable area

- 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-RD Date: 21/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1322, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	177 m	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: 19/06/2023









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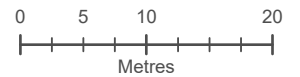


Bushfire Attack Level (BAL) Certificate - Lot 1322 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1323, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	169 m	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: 19/06/2023









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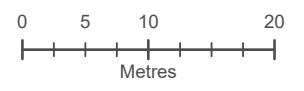


Bushfire Attack Level (BAL) Certificate - Lot 1323 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1324, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	160 m	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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1324 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1325, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	144 m	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: 19/06/2023









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Accreditation Expiry: December 2023

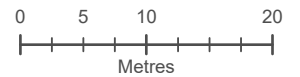


Bushfire Attack Level (BAL) Certificate - Lot 1325 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1326, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	130 m	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: 19/06/2023









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Accreditation Expiry: December 2023

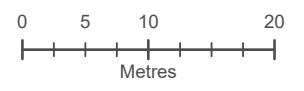


Bushfire Attack Level (BAL) Certificate - Lot 1326 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1327, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	116 m	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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1327 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1328, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	104 m	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: 19/06/2023









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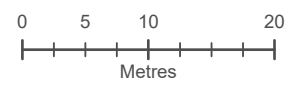


Bushfire Attack Level (BAL) Certificate - Lot 1328 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1329, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	94 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: 19/06/2023









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Accreditation Expiry: December 2023

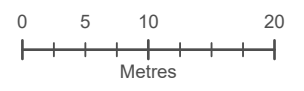


Bushfire Attack Level (BAL) Certificate - Lot 1329 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1330, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	84 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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1330 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1331, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	73 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: 19/06/2023









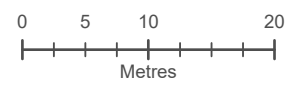
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1331 (BAL - 12.5)

-  Lot boundary
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1332, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	62 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.

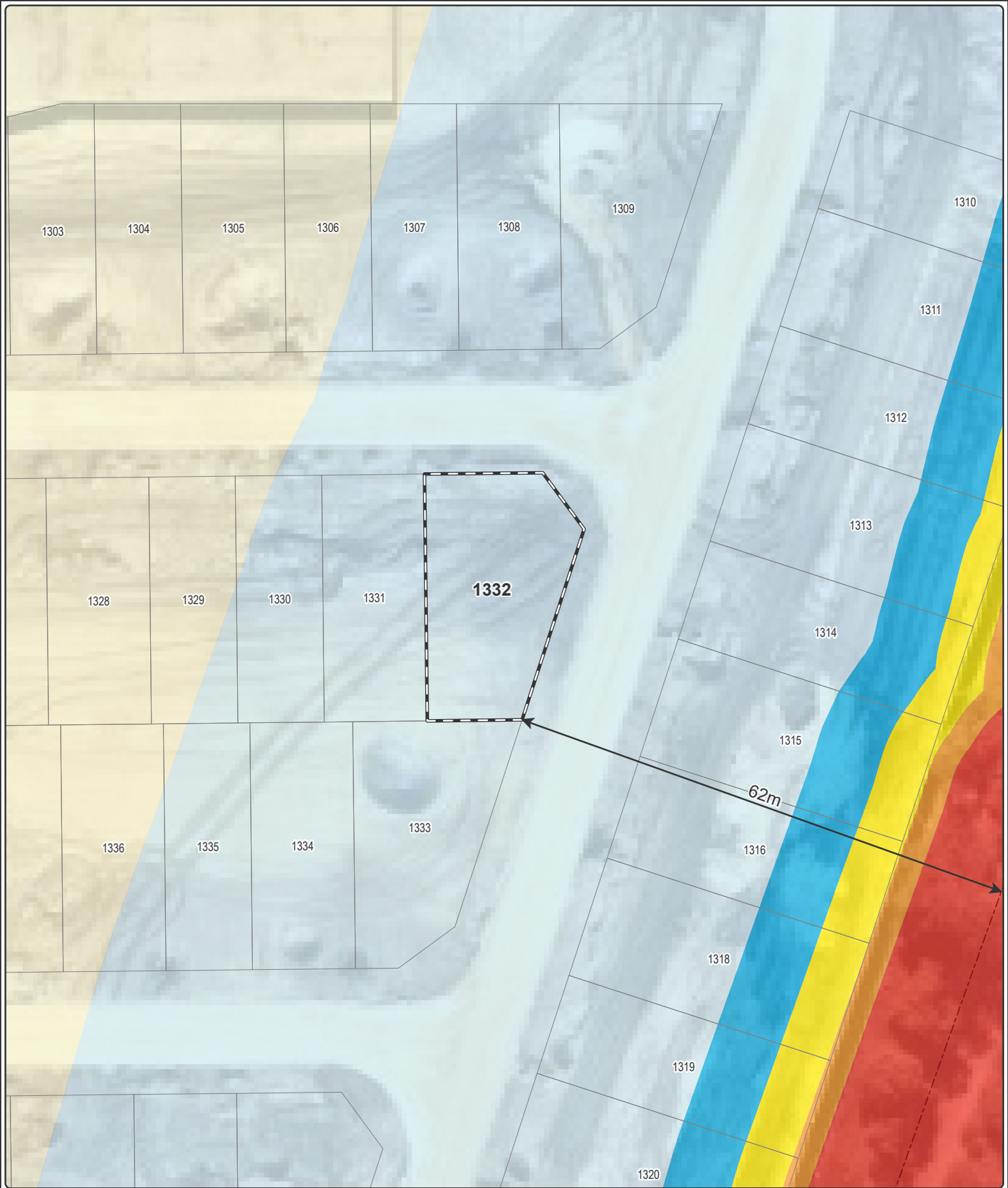
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









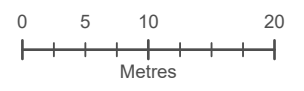
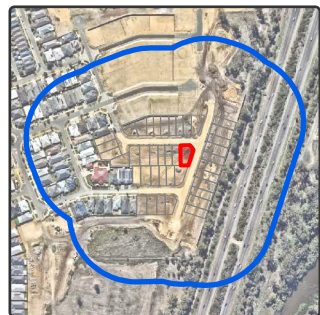
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1332 (BAL - 12.5)

-  Lot boundary
-  Bushfire hazard interface
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1333, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	61 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.

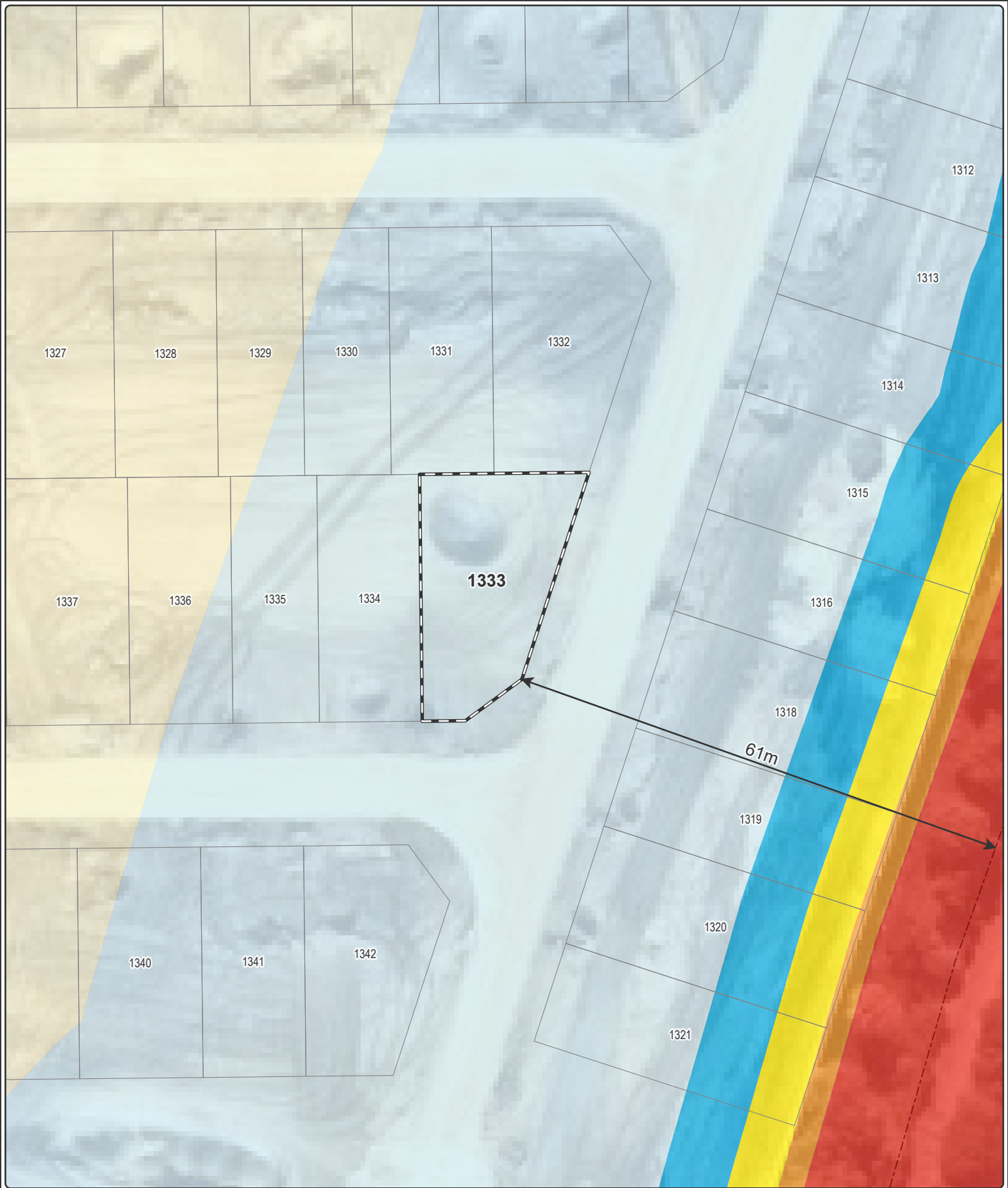
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

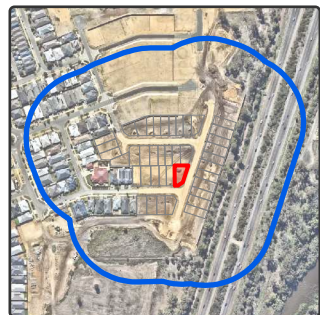


Bushfire Attack Level (BAL) Certificate - Lot 1333 (BAL - 12.5)

-  Lot boundary
-  Bushfire hazard interface
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1334, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	71 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: 19/06/2023









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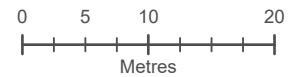


Bushfire Attack Level (BAL) Certificate - Lot 1334 (BAL - 12.5)

-  Lot boundary
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1335, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	82 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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

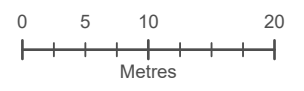


Bushfire Attack Level (BAL) Certificate - Lot 1335 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1336, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	92 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: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1336 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1337, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	104 m	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: 19/06/2023









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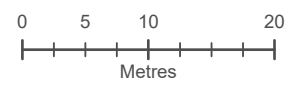
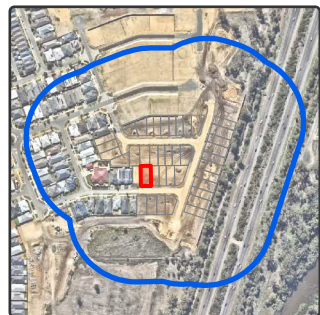


Bushfire Attack Level (BAL) Certificate - Lot 1337 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1338, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	119 m	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: 19/06/2023









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Accreditation Expiry: December 2023

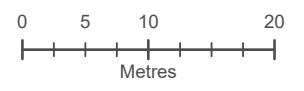
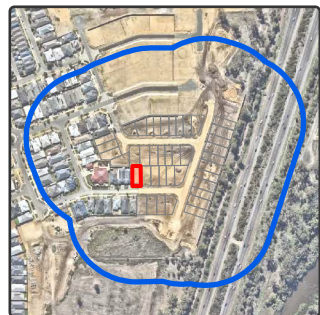


Bushfire Attack Level (BAL) Certificate - Lot 1338 (BAL - LOW)

 Lot boundary

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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1339, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

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	95 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: 19/06/2023









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Accreditation Expiry: December 2023

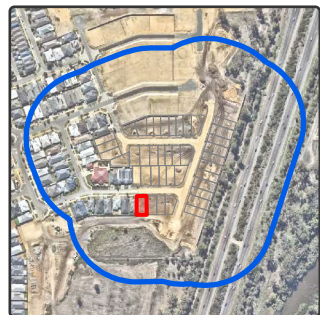


Bushfire Attack Level (BAL) Certificate - Lot 1339 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1340, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	84 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: 19/06/2023









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Accreditation Expiry: December 2023

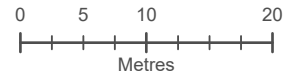


Bushfire Attack Level (BAL) Certificate - Lot 1340 (*BAL - 12.5)

-  Lot boundary *Intersects multiple BAL contours
-  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-RD Date: 19/06/2023



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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1341, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	72 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: 19/06/2023









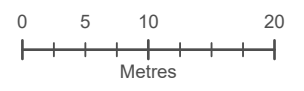
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 1341 (BAL - 12.5)

-  Lot boundary
-  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-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 1342, Stage 13 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:	22PER-2999	Report Date:	20/06/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	61 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: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

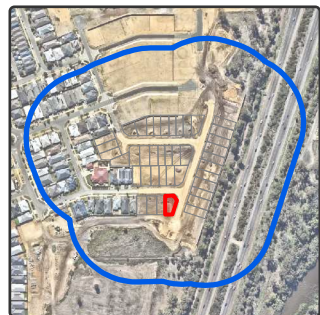


Bushfire Attack Level (BAL) Certificate - Lot 1342 (BAL - 12.5)

- Lot boundary
- Bushfire hazard interface
- 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-RD Date: 19/06/2023

