

## Bushfire Attack Level (BAL) Assessment Report for Stage 1, Claravale Estate, Hilbert, WA, 6112

### Site Details

**Address:** 228 Eleventh Rd Hilbert, WA, 6112

**Suburb:** Hilbert, WA, 6112 **State:** Western Australia

**Local Government Area:** City of Armadale

**Description of building works:** Residential Development

### Report details

**Report/Job number:** 22PER-2854 **Report version:** v1

**Assessment date:** 11/07/2022 **Report date:** 23/08/2022

**Author:** Daniel D'Ippolito **Review:** Dan Panickar



### SITE ASSESSMENT AND SITE PLAN

The assessment of the 27 subject lots was undertaken on 11 July 2022 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 27 subject 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**.

<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 1**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 2**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



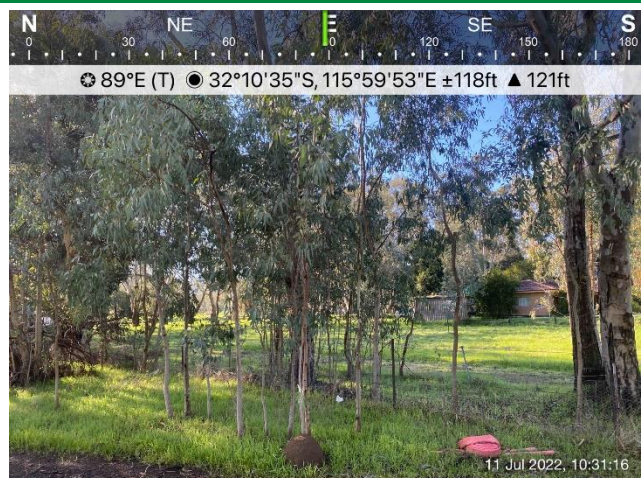
<b>Plot 2</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 3**

Classified vegetation within this plot is predominantly grassland. Trees are present in rows that function as windbreaks or to demarcated property boundary and are not representative of wider vegetation context.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.





<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 4**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 5**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



<b>Plot 2</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 6**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 7**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Class G Grassland</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 8**

Classified vegetation within this plot is predominantly grassland with foliage cover from the overstorey less than 10%.

Slope under vegetation was assessed as upslope/flat land.

This plot is situated >50 m from the subject lots.



<b>Plot 2</b>	<b>Classification or Exclusion Clause</b>	<b>Excluded AS 3959-2018 2.2.3.2 (e) &amp; (f)</b>
	<b>Effective Slope</b>	<b>All upslopes and flat land (0 degrees)</b>

**Photo Point 9**

This plot has been excluded under Clause 2.2.3.2 (e) and (f) of AS 3959: 2018. This is an area that has been cleared for development. Low grass is present which has been slashed and appears well managed.





<b>Plot 1</b>	<b>Classification or Exclusion Clause</b>	<b>Excluded AS 3959-2018 2.2.3.2 (e) &amp; (f)</b>
	<b>Effective Slope</b>	-

**Photo Point 10**

This plot has been excluded under Clause 2.2.3.2 (e) and (f) of AS 3959: 2018. This is an area that has been cleared for development. Low grass is present which has been slashed and appears well managed.



<b>Plot 2</b>	<b>Classification or Exclusion Clause</b>	<b>Excluded AS 3959-2018 2.2.3.2 (e) &amp; (f)</b>
	<b>Effective Slope</b>	-

**Photo Point 11**

This plot has been excluded under Clause 2.2.3.2 (e) and (f) of AS 3959: 2018. This is an area that has been cleared for development.



<b>Plot 2</b>	<b>Classification or Exclusion Clause</b>	<b>Excluded AS 3959-2018 2.2.3.2 (e) &amp; (f)</b>
	<b>Effective Slope</b>	-

**Photo Point 12**

This plot has been excluded under Clause 2.2.3.2 (e) and (f) of AS 3959: 2018. Vegetation is managed and regarded as low threat. Low grass is present which has been slashed and appears well managed.



Plot 2	Classification or Exclusion Clause	Excluded AS 3959-2018 2.2.3.2 (e) & (f)
	Effective Slope	-

**Photo Point 13**

This plot has been excluded under Clause 2.2.3.2 (e) and (f) of AS 3959: 2018 Vegetation is managed and regarded as low threat. Low grass is present which has been slashed and appears well managed.



Plot 2	Classification or Exclusion Clause	Excluded AS 3959-2018 2.2.3.2 (e) & (f)
	Effective Slope	-

**Photo Point 14**

This plot has been excluded under Clause 2.2.3.2 (e) and (f) of AS 3959: 2018 Vegetation is managed and regarded as low threat.





## 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 **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 G Grassland	All upslopes and flat land (0 degrees)	<6	6-<8	8-<12	12-<17	17-<50
2	Excluded AS 3959-2009 2.2.3.2 (e) & (f)	-		N/A			

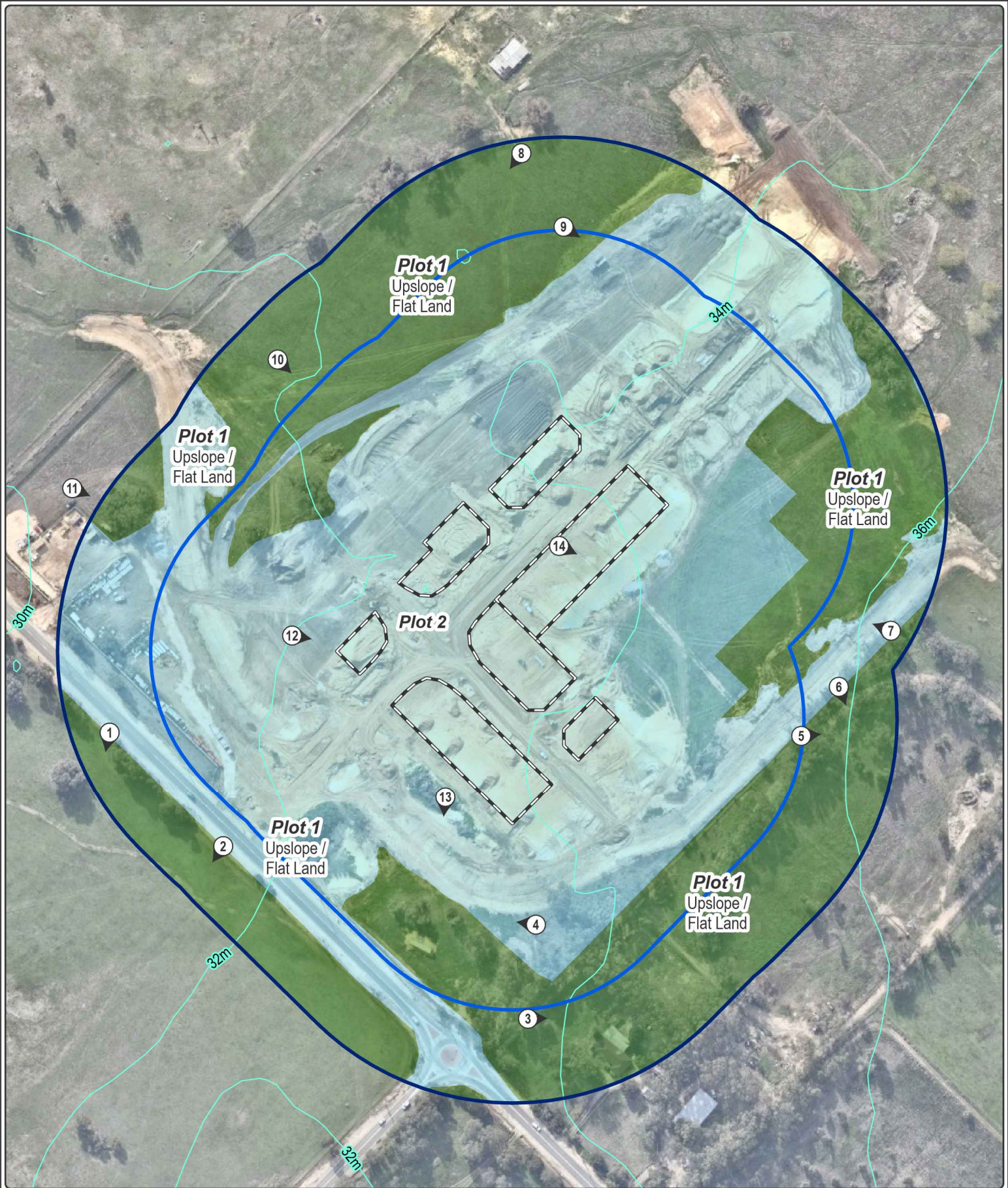
## DETERMINED BUSHFIRE ATTACK LEVEL (BAL)

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**

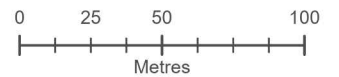
BAL	Affected lots	Construction sections to be consulted in AS 3959-2018
BAL-LOW	Determined Bushfire Attack Level for: Lots 210, 215, 216, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 269, 270, 271, 272, 289, 290, 291, 310, 372, 373, 374, 375, 376, 377	3 and 4

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**

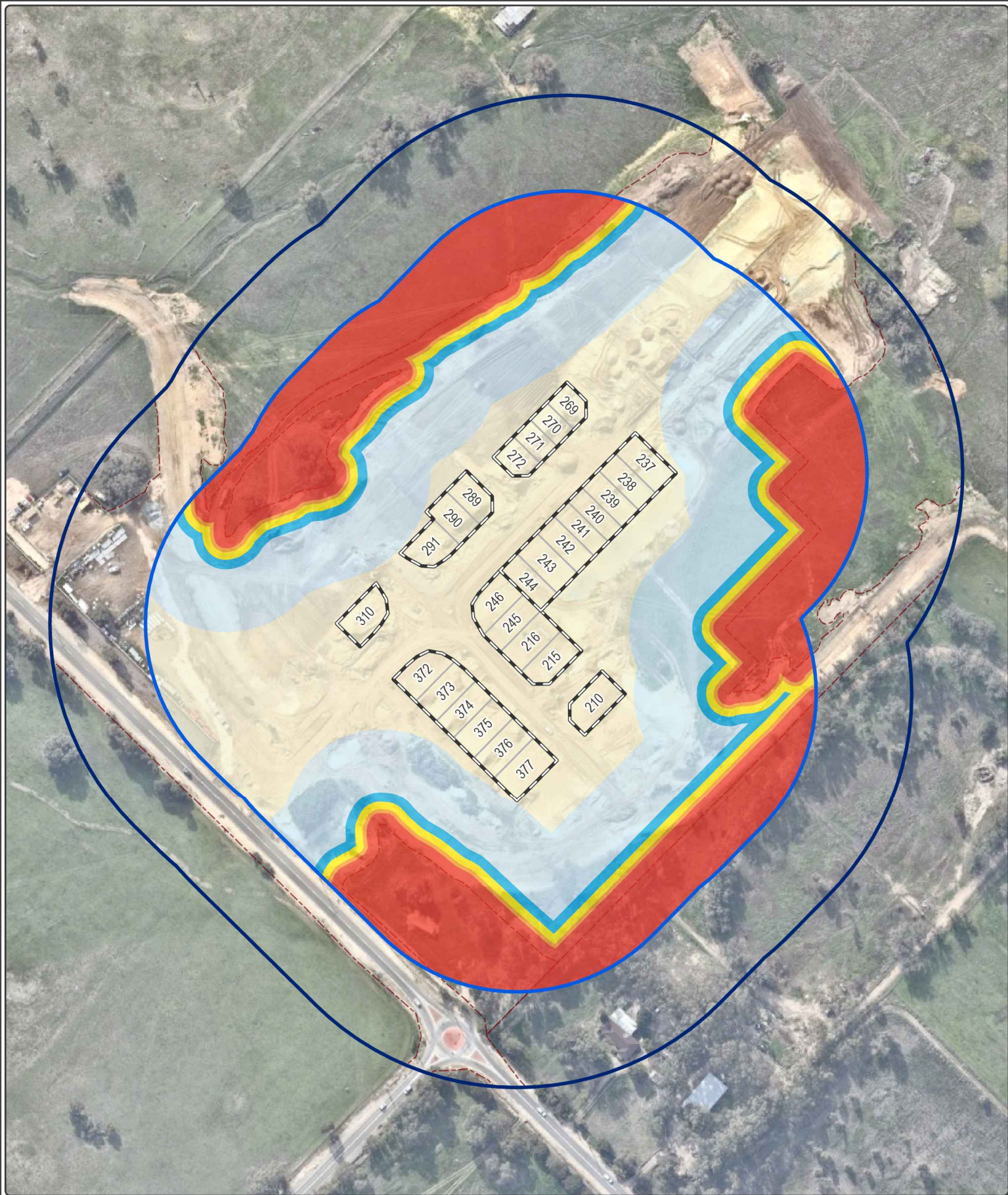
- |  |                      |  |
|--|----------------------|--|
|  | Subject site         | <b>Vegetation classification</b>   |
|  | 100m site assessment |  Class G grassland                          |
|  | 150m site assessment |  Excluded as per clause 2.2.3.2 (e) and (f) |
|  | Photo location       |  |
|  | Contour (2m)         |  |








Datum/Projection:  
GDA 1994 MGA Zone 50  
22PER2854-DD Date: 24/08/2022











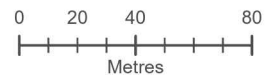


**Figure 2: Bushfire Attack Level (BAL) Contours**

-  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

22PER2854-DD Date: 24/08/2022



## 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

<b>Address:</b>	Lot 210, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









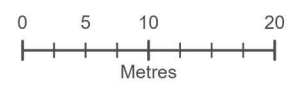
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**Bushfire Attack Level (BAL) Certificate - Lot 210 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 215, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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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*Eco Logical Australia*

**Signature:** 





**Certificate Date:** 23/08/2022









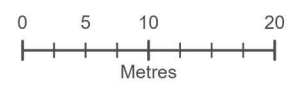
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Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 215 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 216, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









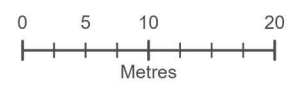
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**Bushfire Attack Level (BAL) Certificate - Lot 216 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 237, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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.

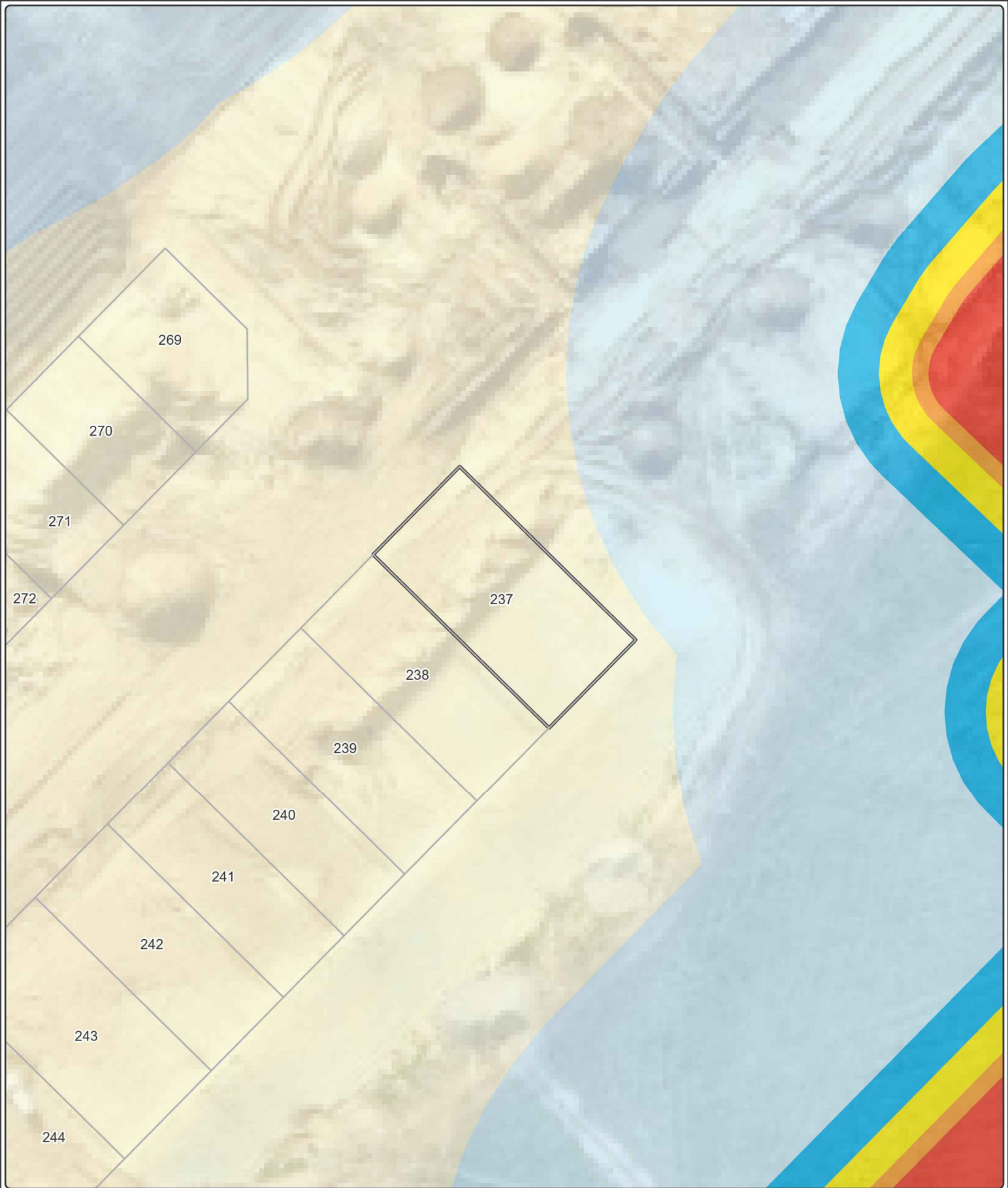
**Name** Daniel Panickar  
*Eco Logical Australia*

**Signature:** 

**Certificate Date:** 23/08/2022



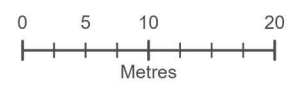
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**Bushfire Attack Level (BAL) Certificate - Lot 237 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 238, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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  
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**Signature:** 





**Certificate Date:** 23/08/2022









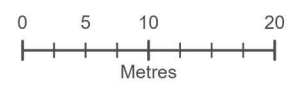
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**Bushfire Attack Level (BAL) Certificate - Lot 238 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 239, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
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<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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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*Eco Logical Australia*

**Signature:** 

**Certificate Date:** 23/08/2022









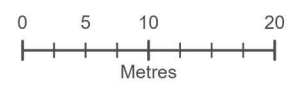
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Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 239 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 240, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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.

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*Eco Logical Australia*

**Signature:** 

**Certificate Date:** 23/08/2022



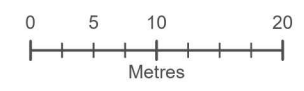
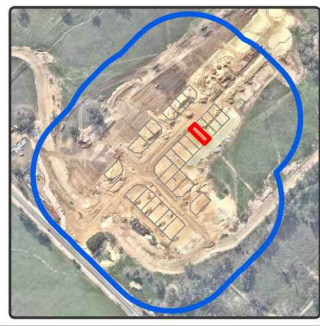
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 240 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
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# Bushfire Attack Level (BAL) Certificate

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## Site Details

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## 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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**Signature:** 

**Certificate Date:** 23/08/2022



Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 242, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022













Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022

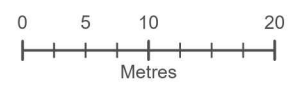




**Bushfire Attack Level (BAL) Certificate - Lot 242 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 243, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









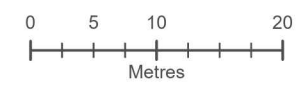
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 243 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 244, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022



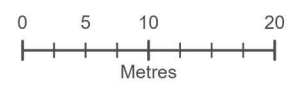
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 244 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 245, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022













Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022

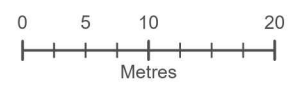




**Bushfire Attack Level (BAL) Certificate - Lot 245 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 246, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









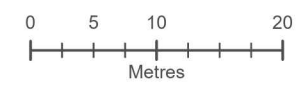
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 246 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 269, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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.

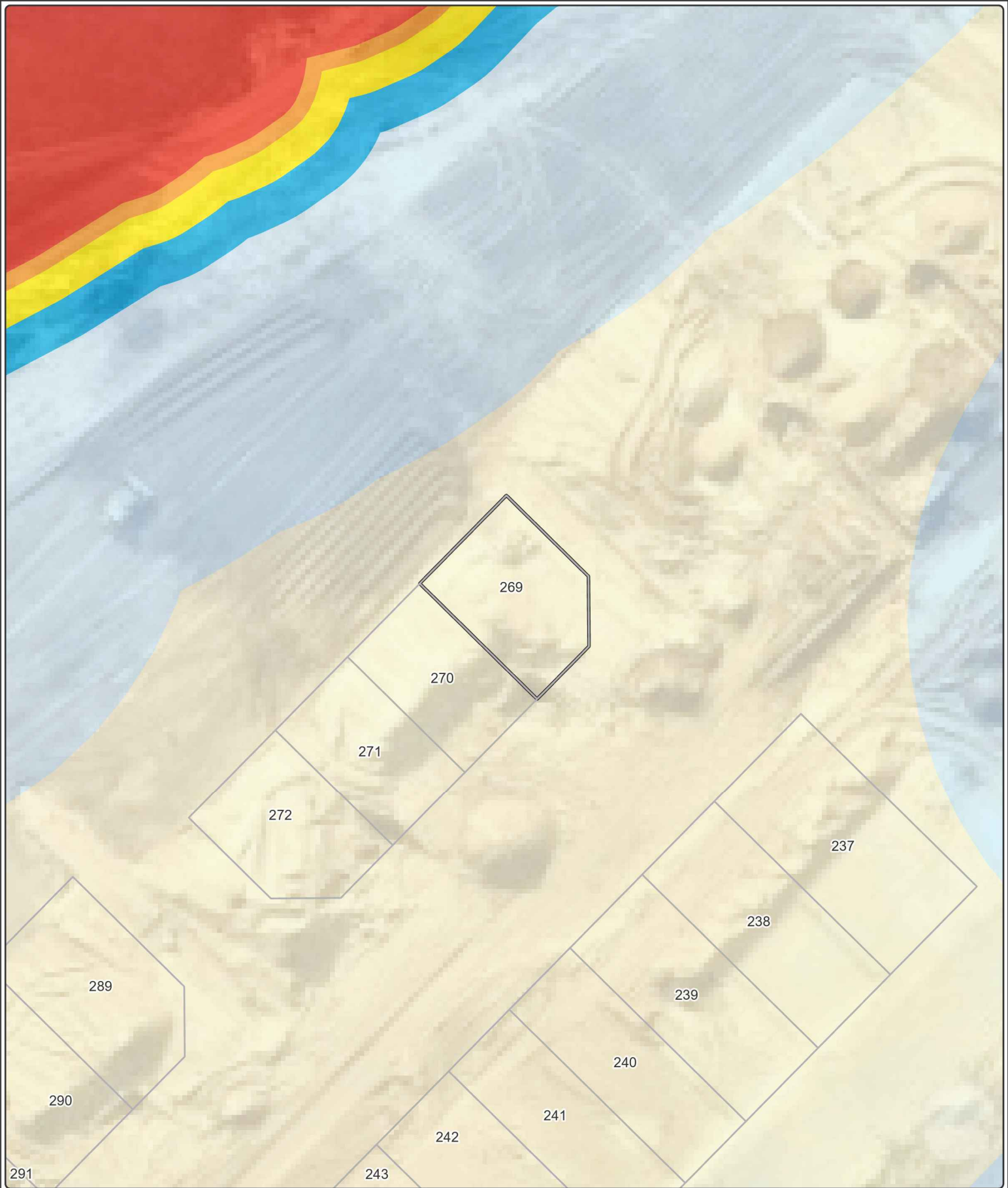
**Name** Daniel Panickar  
*Eco Logical Australia*

**Signature:** 

**Certificate Date:** 23/08/2022



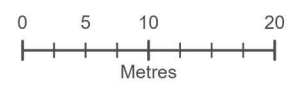
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 269 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 270, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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*

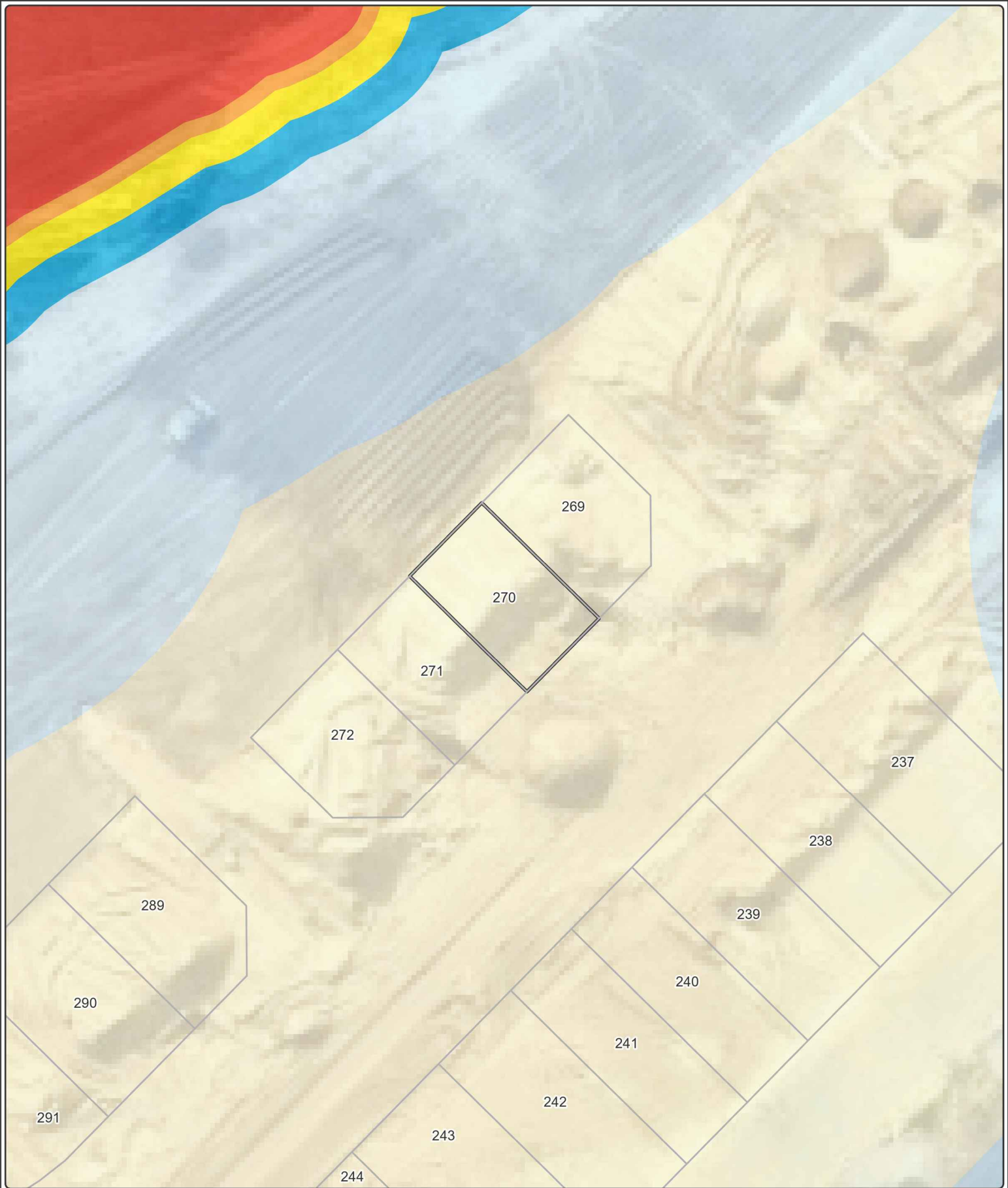
**Signature:** 

**Certificate Date:** 23/08/2022



Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022

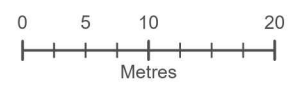




**Bushfire Attack Level (BAL) Certificate - Lot 270 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 271, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









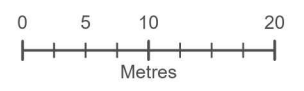
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 271 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 272, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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.

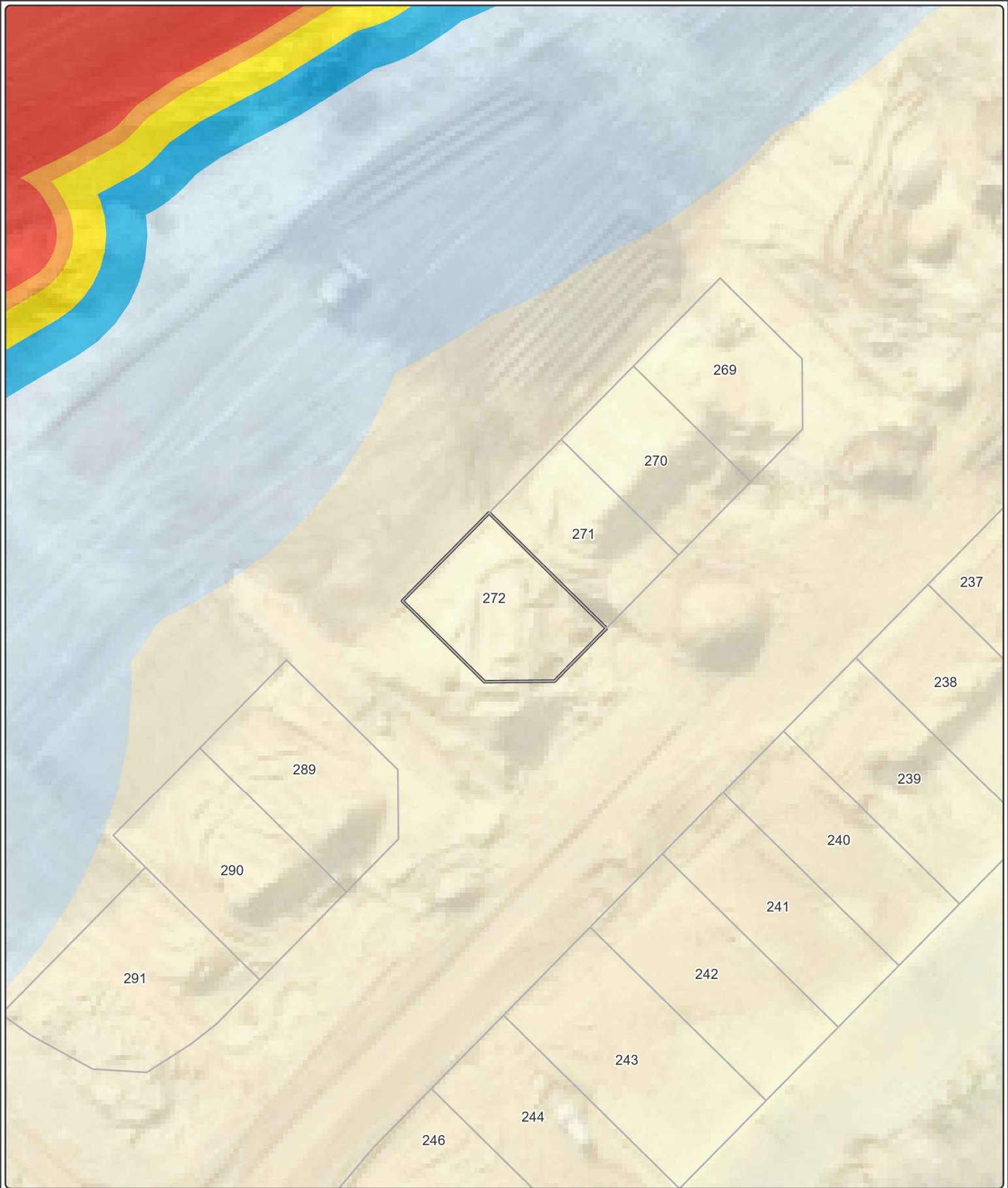
**Name** Daniel Panickar  
*Eco Logical Australia*

**Signature:** 

**Certificate Date:** 23/08/2022









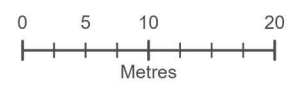
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 272 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 289, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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*

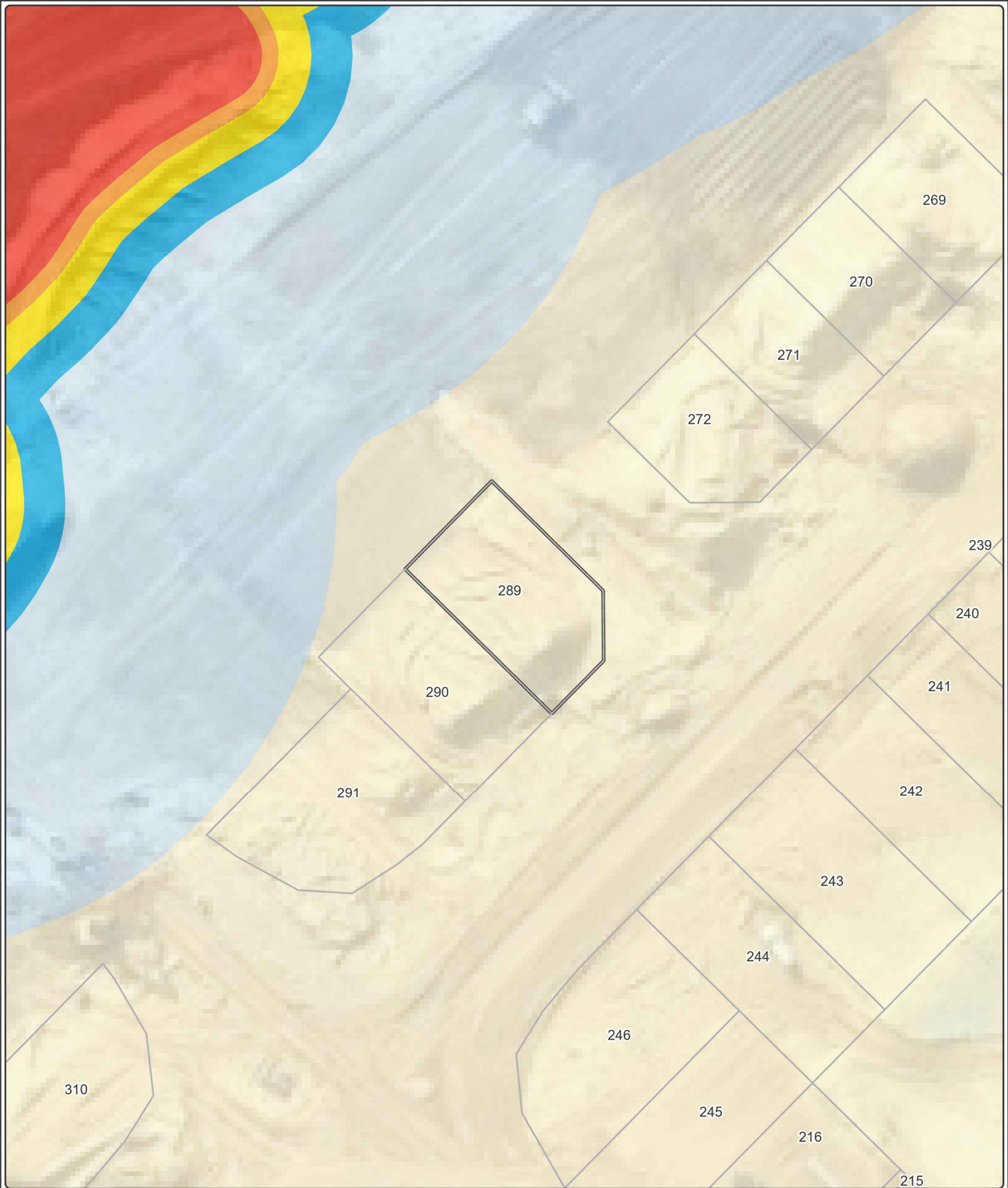
**Signature:** 

**Certificate Date:** 23/08/2022



Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022

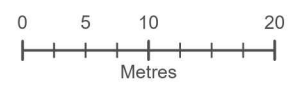




**Bushfire Attack Level (BAL) Certificate - Lot 289 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 290, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022



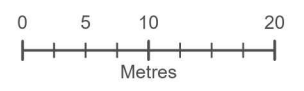
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 290 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 291, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









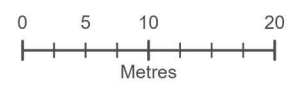
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 291 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 310, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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*

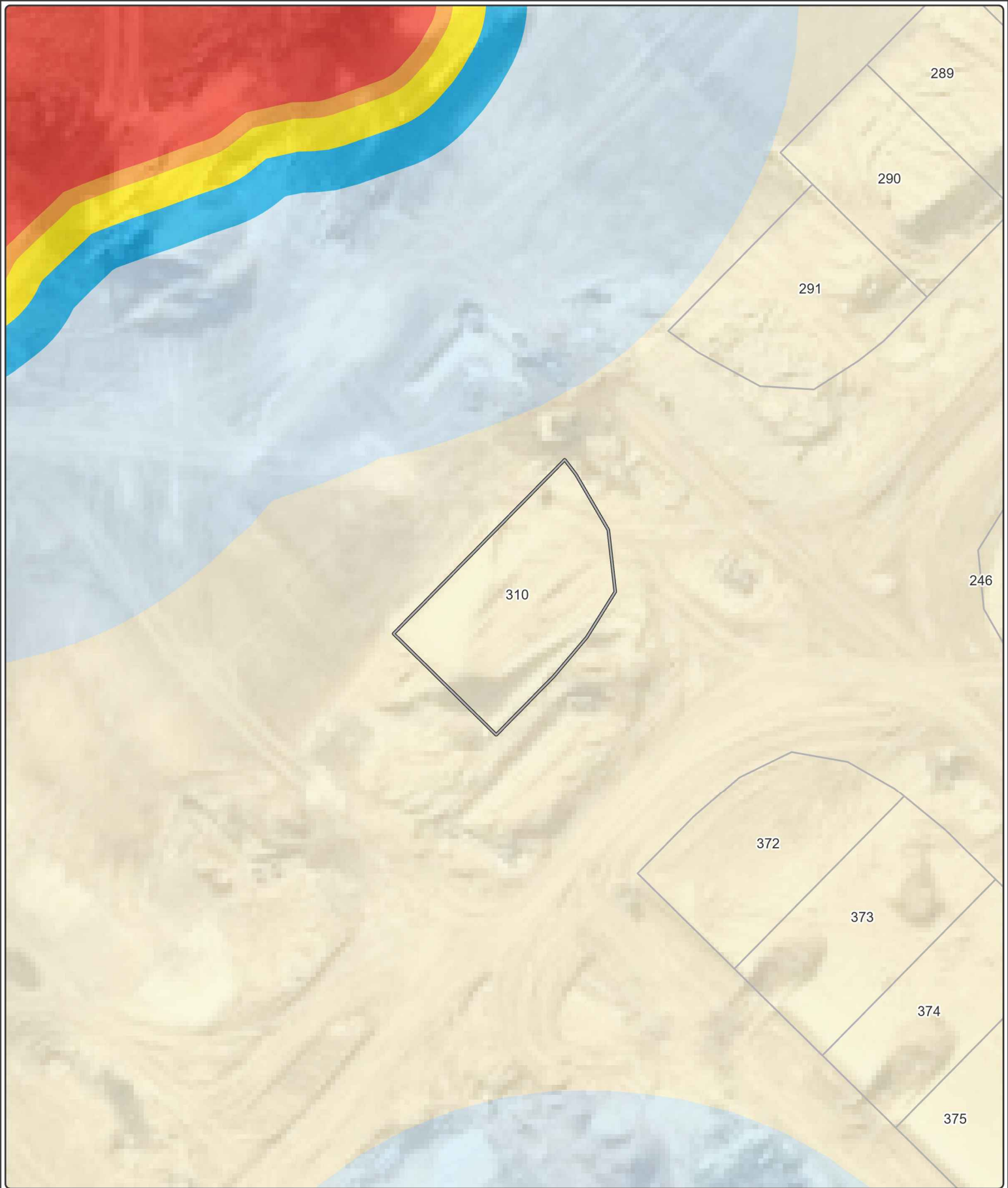
**Signature:** 

**Certificate Date:** 23/08/2022











Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022

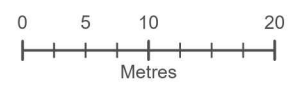
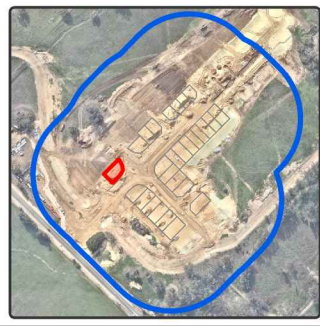




**Bushfire Attack Level (BAL) Certificate - Lot 310 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 372, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022



Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 372 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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



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Metres

Datum/Projection:  
GDA 1994 MGA Zone 50

22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 373, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022



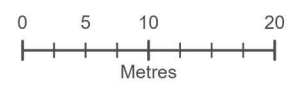
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 373 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 374, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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*

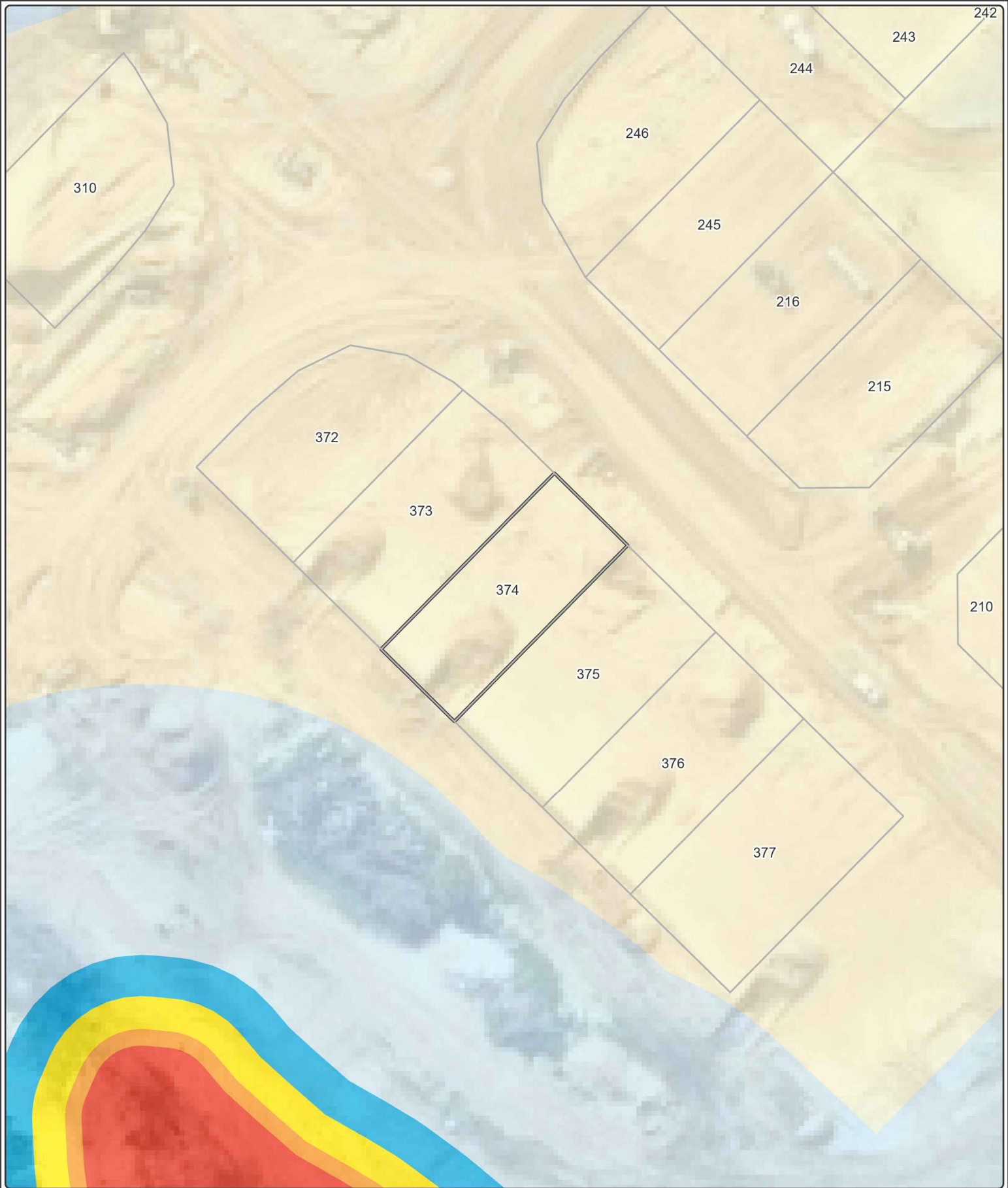
**Signature:** 

**Certificate Date:** 23/08/2022



Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022

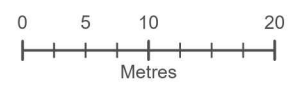




**Bushfire Attack Level (BAL) Certificate - Lot 374 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 375, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022



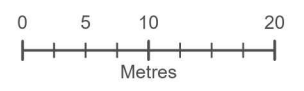
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 375 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022





# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 376, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022









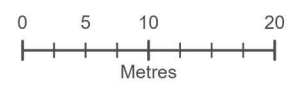
Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



**Bushfire Attack Level (BAL) Certificate - Lot 376 (BAL - LOW)**

-  Lot boundary
-  100m site assessment
-  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  
22PER2854-DD Date: 23/08/2022



# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

## Site Details

<b>Address:</b>	Lot 377, 228 Eleventh Rd		
<b>Suburb:</b>	Hilbert, WA, 6112	<b>State:</b>	WA
<b>Local Government Area:</b>	City of Armadale		
<b>Use of building</b>	Residential Dwelling	<b>Main BCA class:</b>	Class 1a
<b>Report / Job Number:</b>	22PER-2854	<b>Report Date:</b>	23/08/2022

## 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:** 23/08/2022



Accreditation No: BPAD 37802  
Accreditation Expiry: December 2022



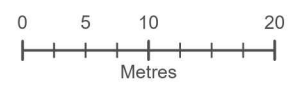


**Bushfire Attack Level (BAL) Certificate - Lot 377 (BAL - LOW)**

- Lot boundary
- 100m site assessment
- 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  
22PER2854-DD Date: 23/08/2022

