

Bushfire Attack Level (BAL) Assessment Report for Stage 2 Natures Edge Estate, Southern River

Site Details			
Address: Natures Edge Estate, S	outhern River: Lots 104-112, 170-175 and 185-191		
Suburb:	Southern River, 6110	State	Western Australia
Local Government Area:	City of Gosnells		
Description of building works:	Residential Development		

Report details			
Report/Job number:	17493	Report version:	v2
Assessment date:	21/07/2021	Report date:	25/08/2021
Author:	Daniel Panickar (BPAD Level 3-27802)	Review:	Daniel Panickar (BPAD Level 3-37802)
	Stephen Moore		BPAD Bushfire Planning & Design Accredited Practitioner Level 3

SITE ASSESSMENT AND SITE PLAN

The assessment of the subject lots was undertaken on 21 July 2021 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 150 m of the 22 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.

It is currently assumed that areas of landscaped vegetation within the site and assessment area will be managed and maintained by Parcel Property (the developer) until replaced by residential dwellings and associated infrastructure or handed over to the City of Gosnells in the future.

Plot 1 Classification or Exclusion Clause

Effective Slope

Photo Point 1

This plot comprises wetland vegetation in a Resource Enhancement Wetland and associated buffer within Natures Edge Estate.

This area will be revegetated to resemble a woodland structure. Classified vegetation within this plot will be comprised of trees between 10 to 30 m tall with approximately 20 to 30% foliage cover. Some sedges/reeds and shrubs will be present at the base of the trees.

Class B Woodland

All upslopes and flat land (0 degrees)



Plot 1 Classification or Exclusion Clause Effective Slope

Photo Point 2

This plot comprises wetland vegetation in a Resource Enhancement Wetland and associated buffer within Natures Edge Estate.

This area will be revegetated to resemble a woodland structure. Classified vegetation within this plot will be comprised of trees between 10 to 30 m tall with approximately 20 to 30% foliage cover. Some sedges/reeds and shrubs will be present at the base of the trees.

Class B Woodland

All upslopes and flat land (0 degrees)



Plot 1 Classification or Exclusion Clause

Effective Slope

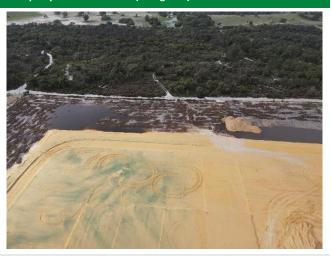
Photo Point 3

This plot comprises wetland vegetation in a Resource Enhancement Wetland and associated buffer outside of Natures Edge Estate.

This area will be revegetated to resemble a woodland structure. Classified vegetation within this plot will be comprised of trees between 10 to 30 m tall with approximately 20 to 30% foliage cover. Some sedges/reeds and shrubs will be present at the base of the trees.

Class B Woodland

All upslopes and flat land (0 degrees)



Plot 2 Classification or Exclusion Clause

Excluded AS 3959: 2018 2.2.3.2 (e) & (f)

Effective Slope

Photo Point 4

This plot comprises land that has been cleared for development.



Plot 2 Classification or Exclusion Clause

Effective Slope

Excluded AS 3959: 2018 2.2.3.2 (e) & (f)

Photo Point 5

This plot comprises land that has been 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 □	FDI 50 □	FDI 80 ☑	FDI 100 □
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 2.

Table 1: BAL Analysis AS 3959: 2018

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

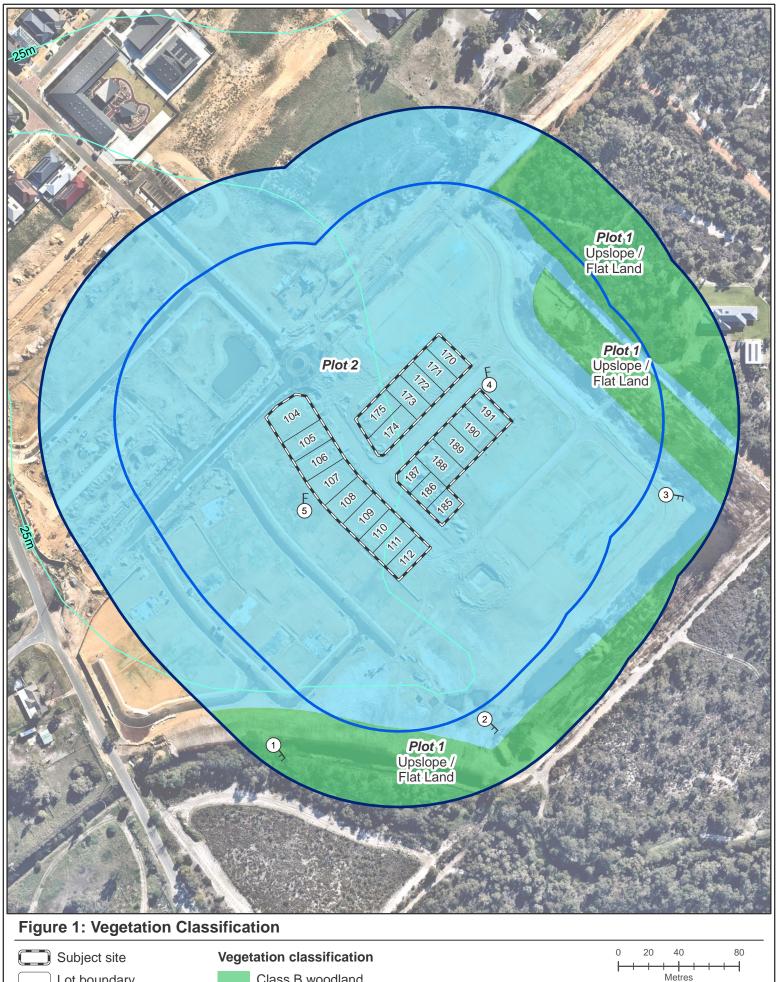
DETERMINED BUSHFIRE ATTACK LEVEL (BAL)

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 Table 2 and Figure 2.

Table 2: BAL Assessment summary

BAL	Affected lots	Construction sections to be consulted in AS 3959- 2018
BAL-FZ	Nil	N/A
BAL-40	Nil	N/A
BAL-29	Nil	N/A
BAL-19	Nil	N/A
BAL-12.5	Determined Bushfire Attack Level for: Lots 170, 171, 172, 173*, 189*, 190 and 191.	3 and 5
BAL-LOW	Determined Bushfire Attack Level for: Lots 104, 105, 106, 107, 108, 109, 110, 111, 112, 174, 175, 185, 186, 187 and 188.	3 and 4

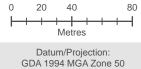
^{*}INDICATES THAT A SETBACK MAY BE ABLE TO REDUCE THE BAL RATING FOR A FUTURE DWELLING





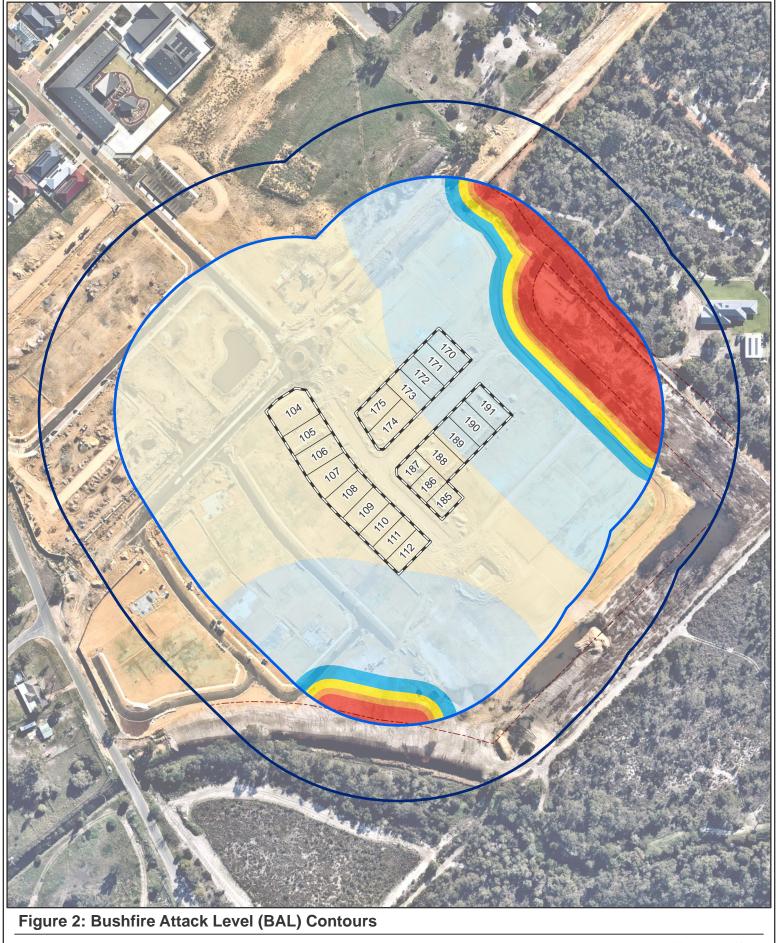
Contour (5m)

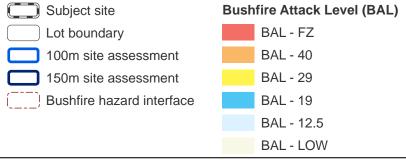
Photo location

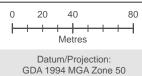


Project: 17493-SM Date: 25/08/2021









GDA 1994 MGA Zone 50

Project: 17493-SM Date: 25/08/2021

2 logical ALERA TECH COMPANY

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/m²	Ember attack	3 and 5
BAL-19	>12.5 kW/m2 ≤19 kW/m²	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/m2≤29 kW/m²	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/m2≤40 kW/m²	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/m²	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

Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 104, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	158 m	BAL - LOW	

Practitioner Details

Certificate Date:

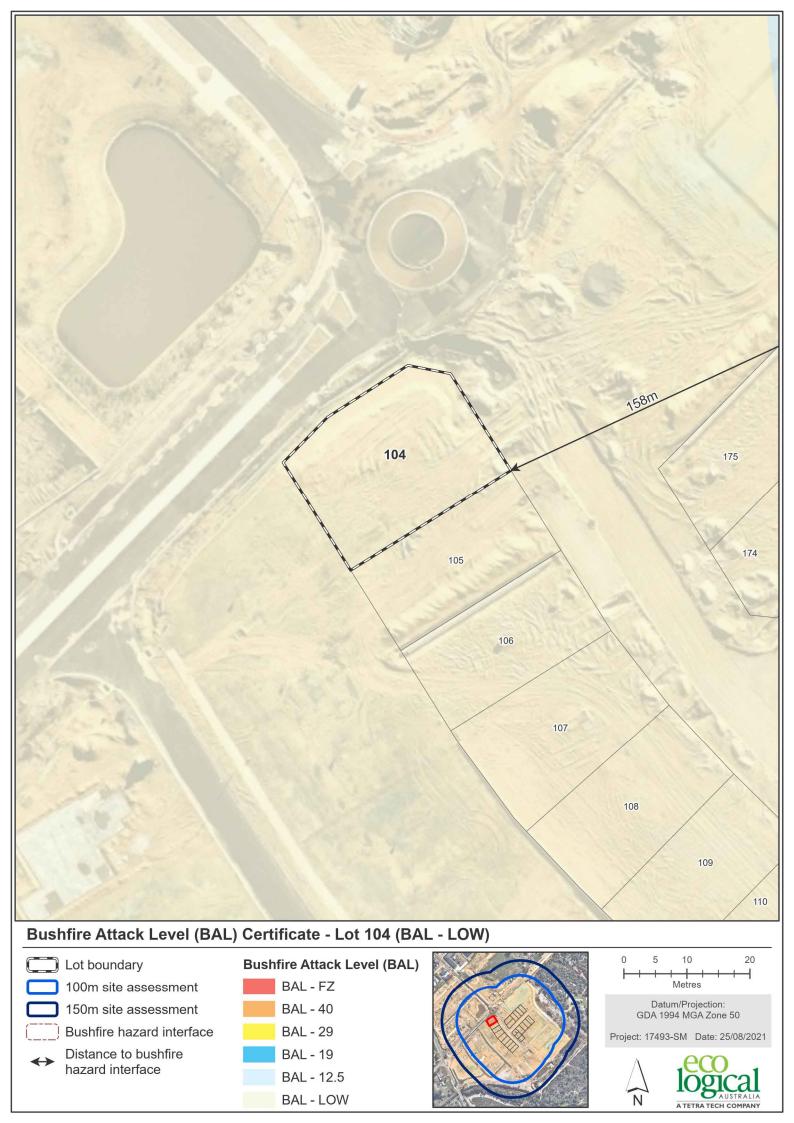
I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar

Eco Logical Australia

Signature:

25/08/2021



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 105, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/202	21	

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	157 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.

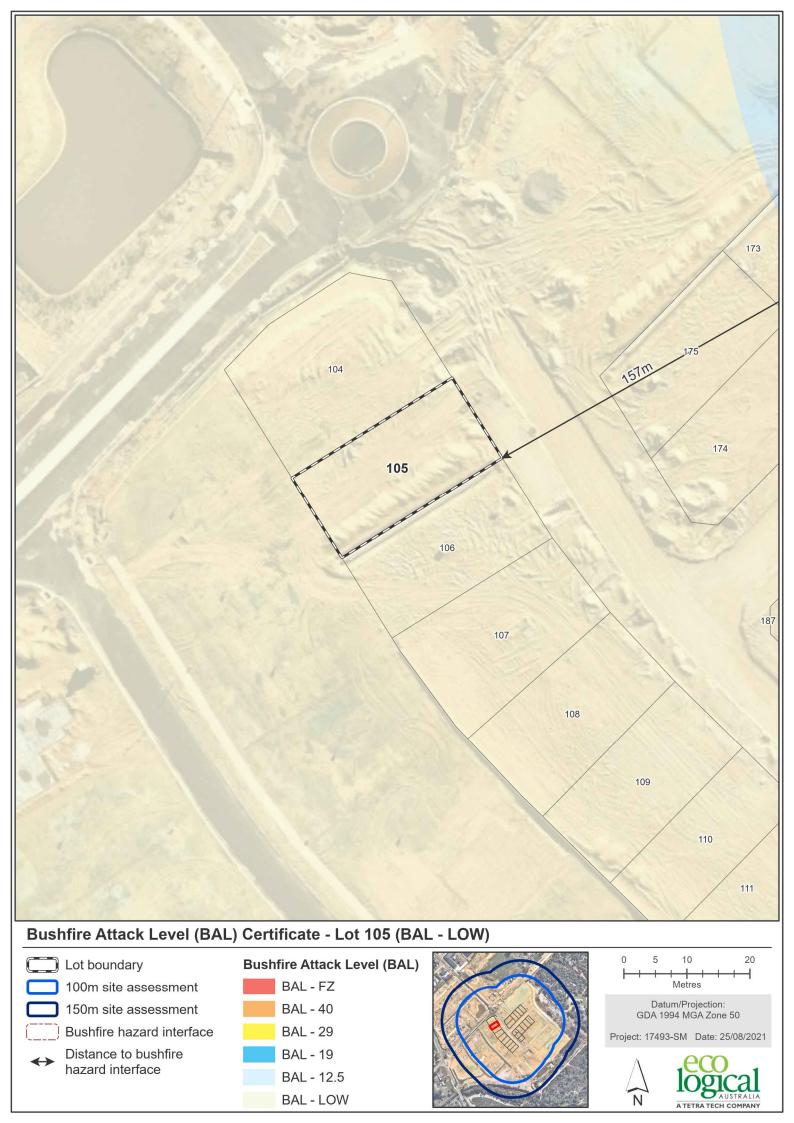
Name Daniel Panickar

Eco Logical Australia

Signature:

Accreditation No: BPAD 37802

Certificate Date: 25/08/2021 Accreditation Expiry: December 2021



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 106, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/202	21	

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	155 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.

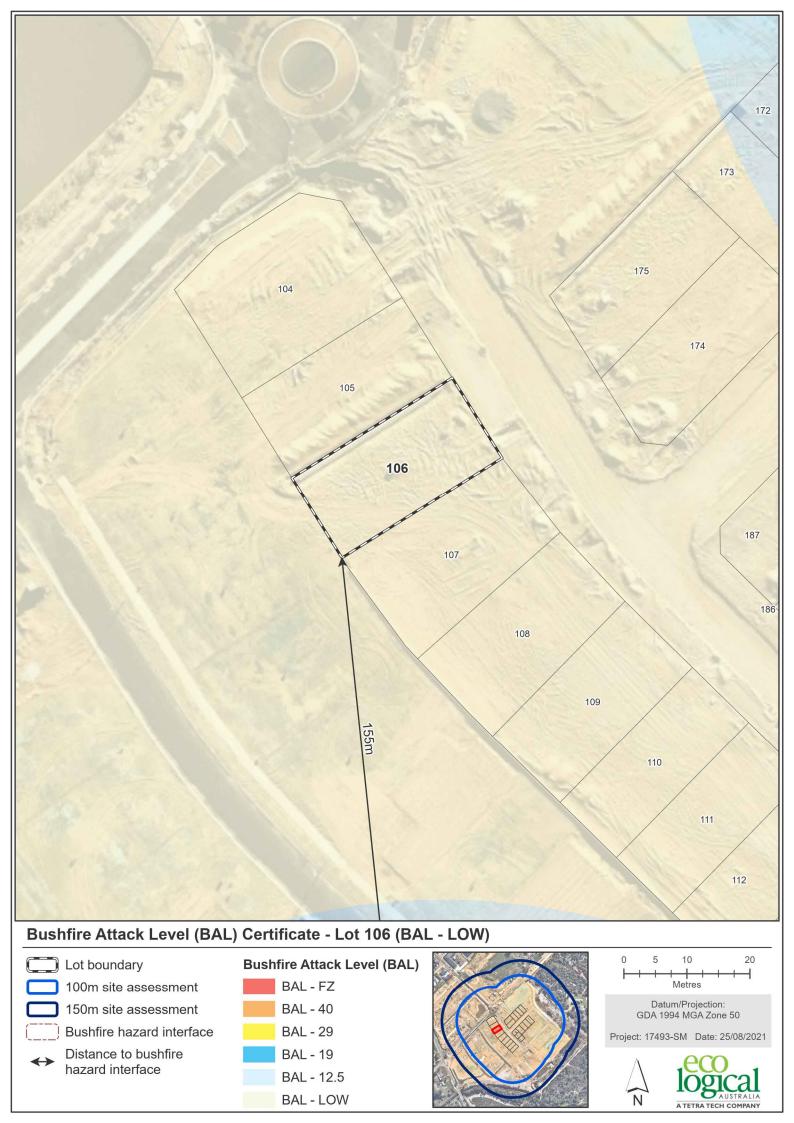
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
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Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 107, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110			State:	WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/202	21	

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	138 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.

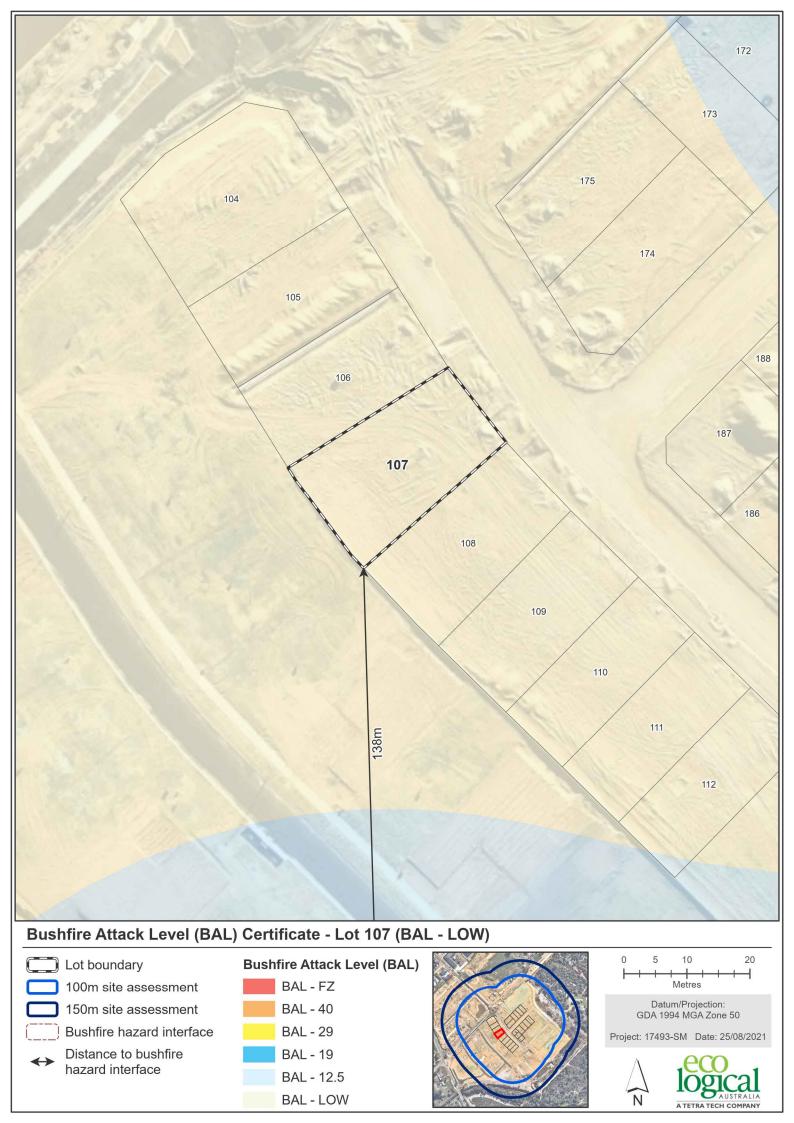
Name Daniel Panickar

Eco Logical Australia

Signature:

Accreditation No: BPAD 37802

Certificate Date: 25/08/2021 Accreditation Expiry: December 2021



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 108, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110		Stat	te:	WA
Local Government Area:	City of Gosnells		5		
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	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.

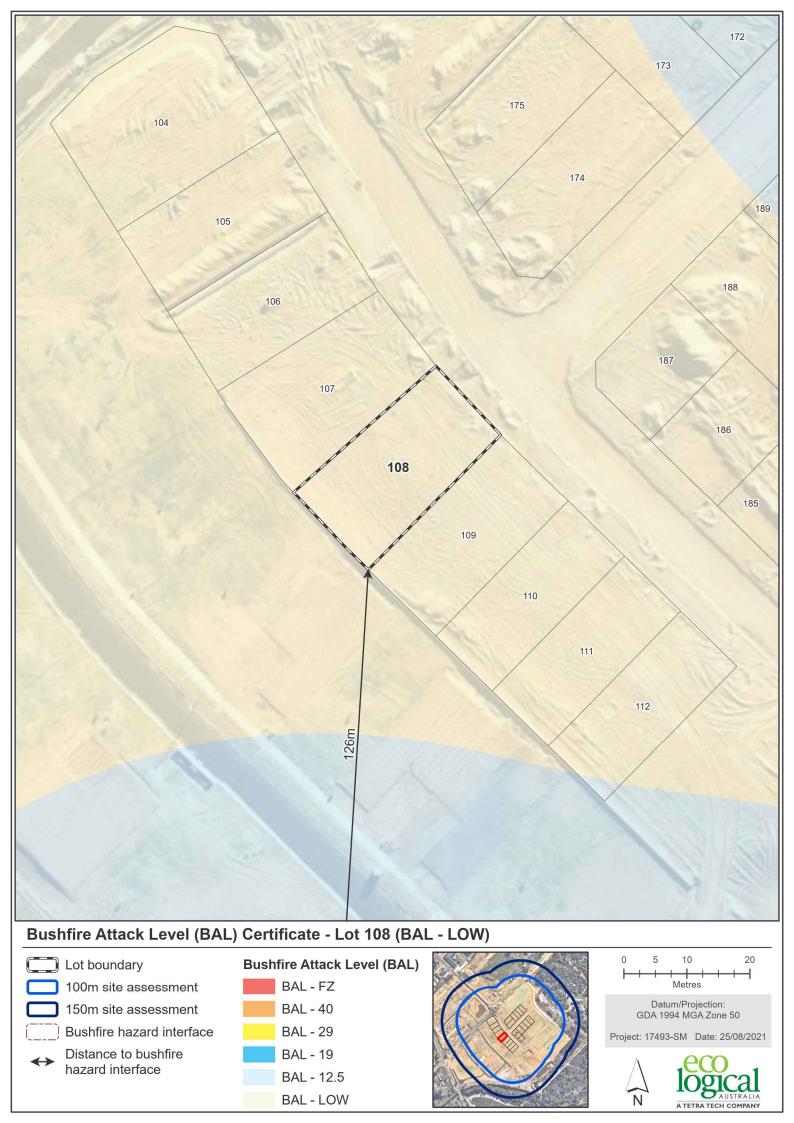
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

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Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 109, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110		Stat	ite:	WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	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.

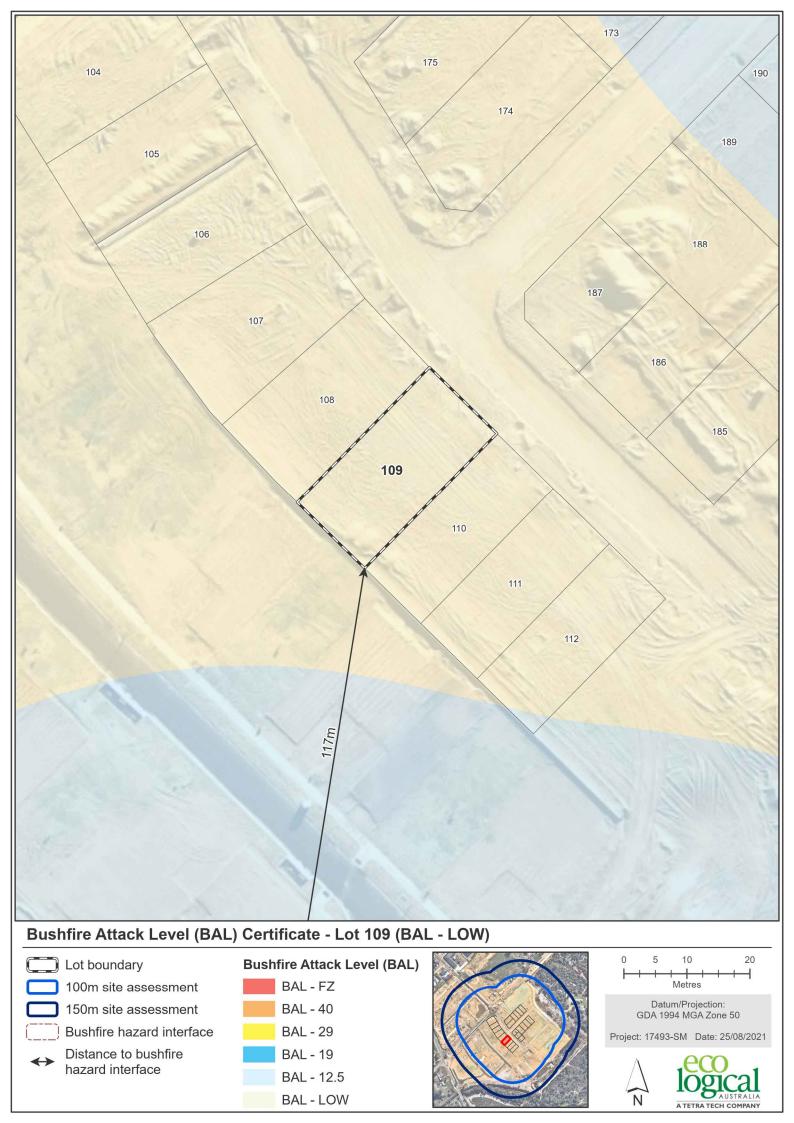
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
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Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 110, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110	State: WA			
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	110 m	BAL - LOW	

Practitioner Details

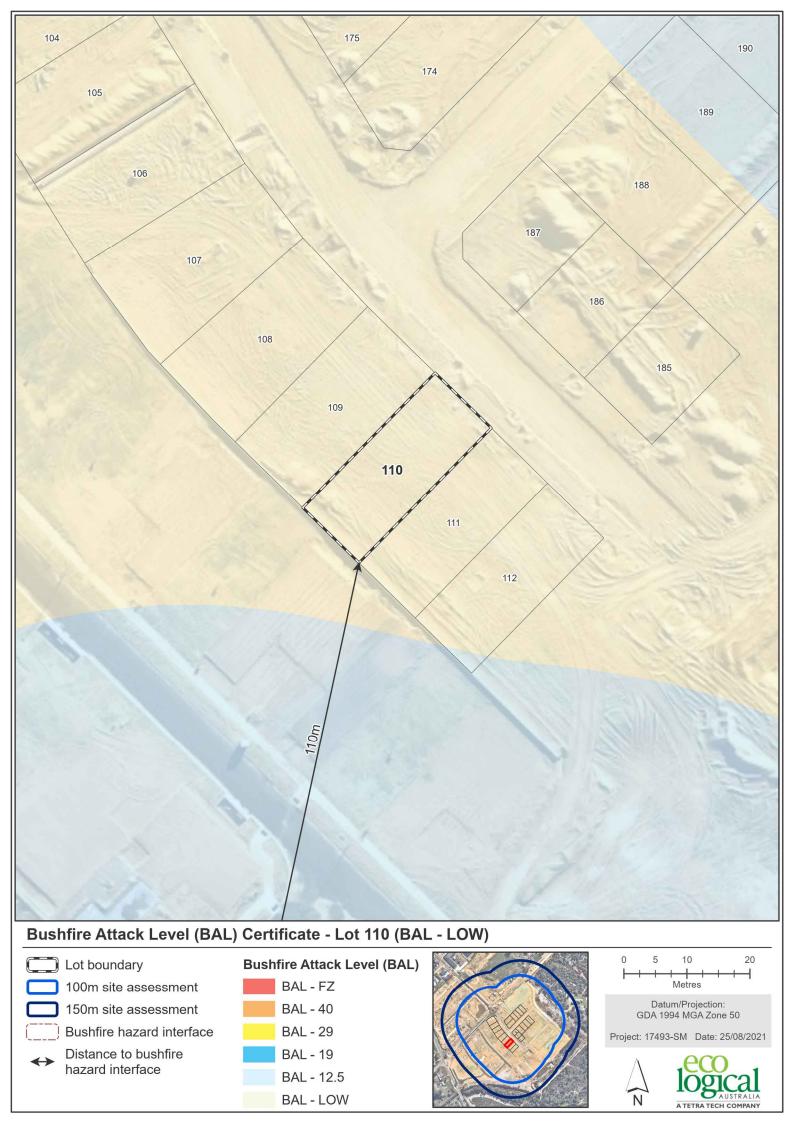
Certificate Date:

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:



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 111, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110		Stat	te:	WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	103 m	BAL - LOW	

Practitioner Details

Certificate Date:

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.

Daniel Panickar Name

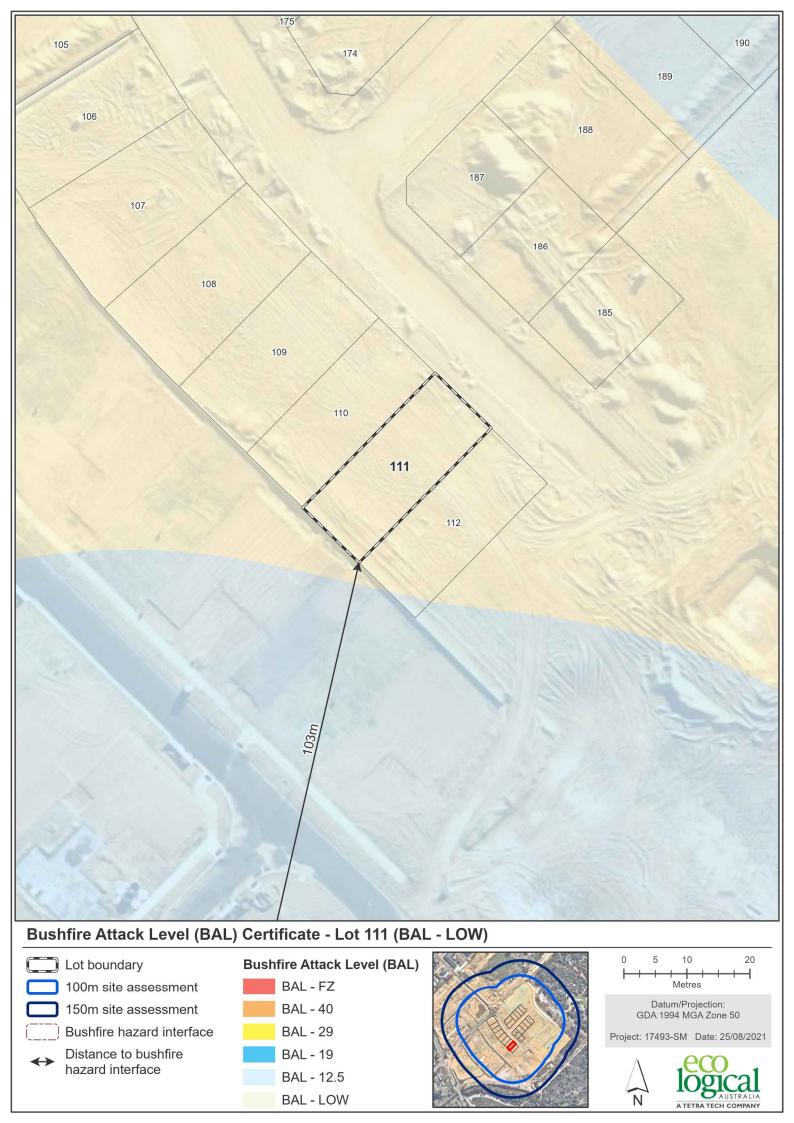
Eco Logical Australia

25/08/2021

Signature:

Accreditation No: BPAD 37802

Accreditation Expiry: December 2021



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 112, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110		Sta	ate:	WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	100 m	BAL - LOW	

Practitioner Details

Certificate Date:

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.

Daniel Panickar Name

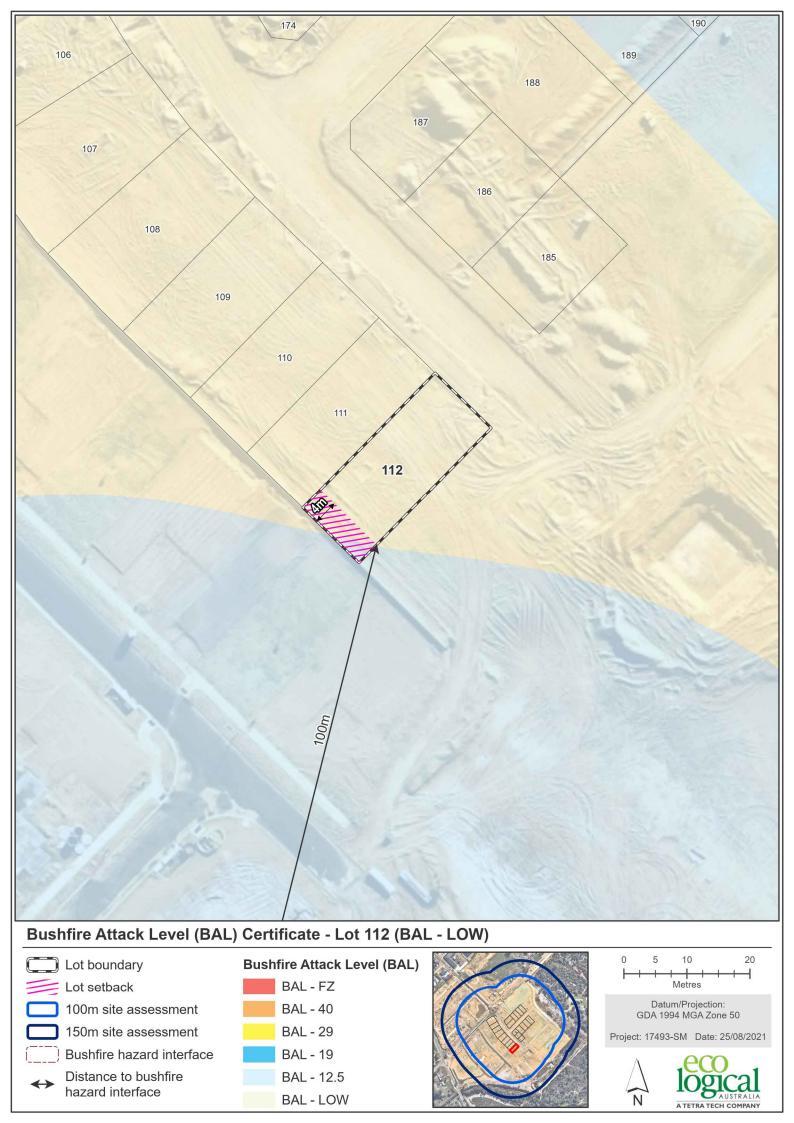
Eco Logical Australia

Signature:

25/08/2021

Accreditation No: BPAD 37802

Accreditation Expiry: December 2021



Determined in accordance with AS 3959: 2018

Site Details						
Address:	Lot 170, Natures Edge Estate, Stage 2					
Suburb:	Southern River, 6110 State: WA					
Local Government Area:	City of Gosnells					
Use of building	Residential Dwelling	Main BCA class:	Class 1a			
Report / Job Number:	20PER-17493	Report Date:	25/08/20	21		

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	53 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.

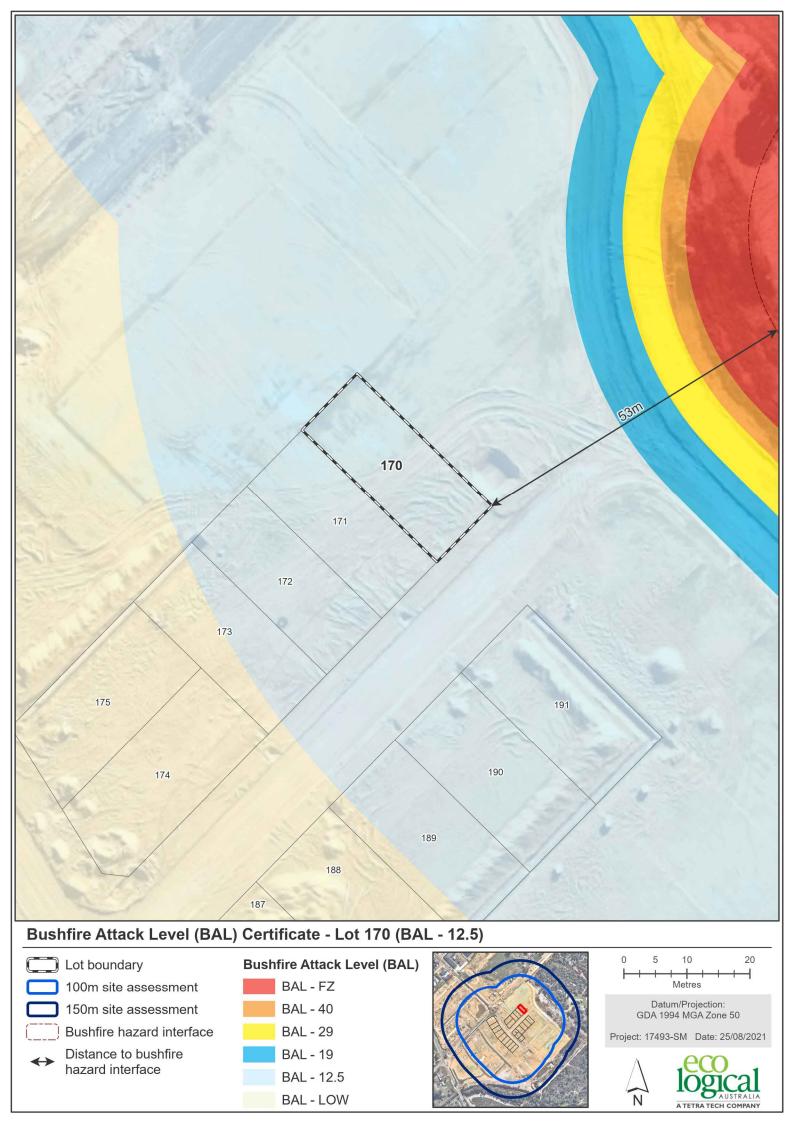
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
Bushfire
Planning & Design
Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details						
Address:	Lot 171, Natures Edge Estate, Stage 2					
Suburb:	Southern River, 6110 State: WA					
Local Government Area:	City of Gosnells					
Use of building	Residential Dwelling	Main BCA class:	Class 1a			
Report / Job Number:	20PER-17493	Report Date:	25/08/2021			

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	65 m	BAL - 12.5		

Practitioner Details

Certificate Date:

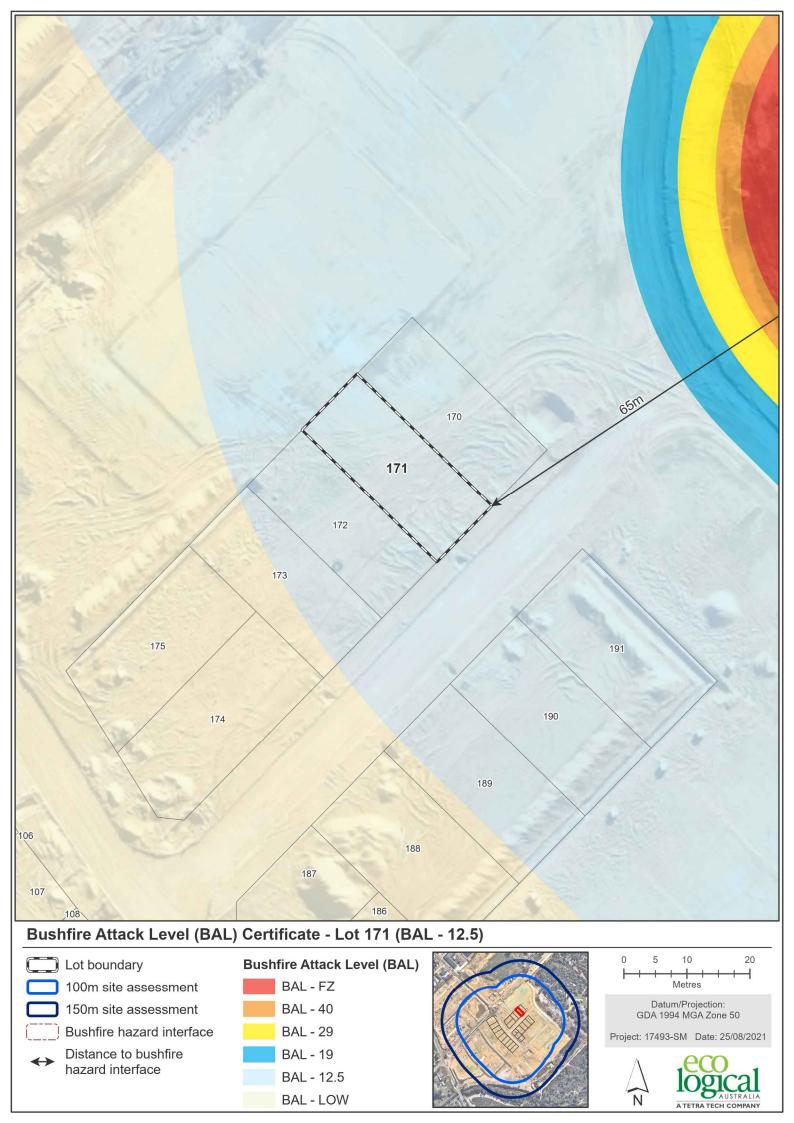
I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959: 2018.

Name Daniel Panickar

Eco Logical Australia

25/08/2021

Signature:



Determined in accordance with AS 3959: 2018

Site Details						
Address:	Lot 172, Natures Edge Estate, Stage 2					
Suburb:	Southern River, 6110 State: WA					
Local Government Area:	City of Gosnells					
Use of building	Residential Dwelling	Main BCA class:	Class 1a			
Report / Job Number:	20PER-17493	Report Date:	25/08/2021			

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	78 m	BAL - 12.5		

Practitioner Details

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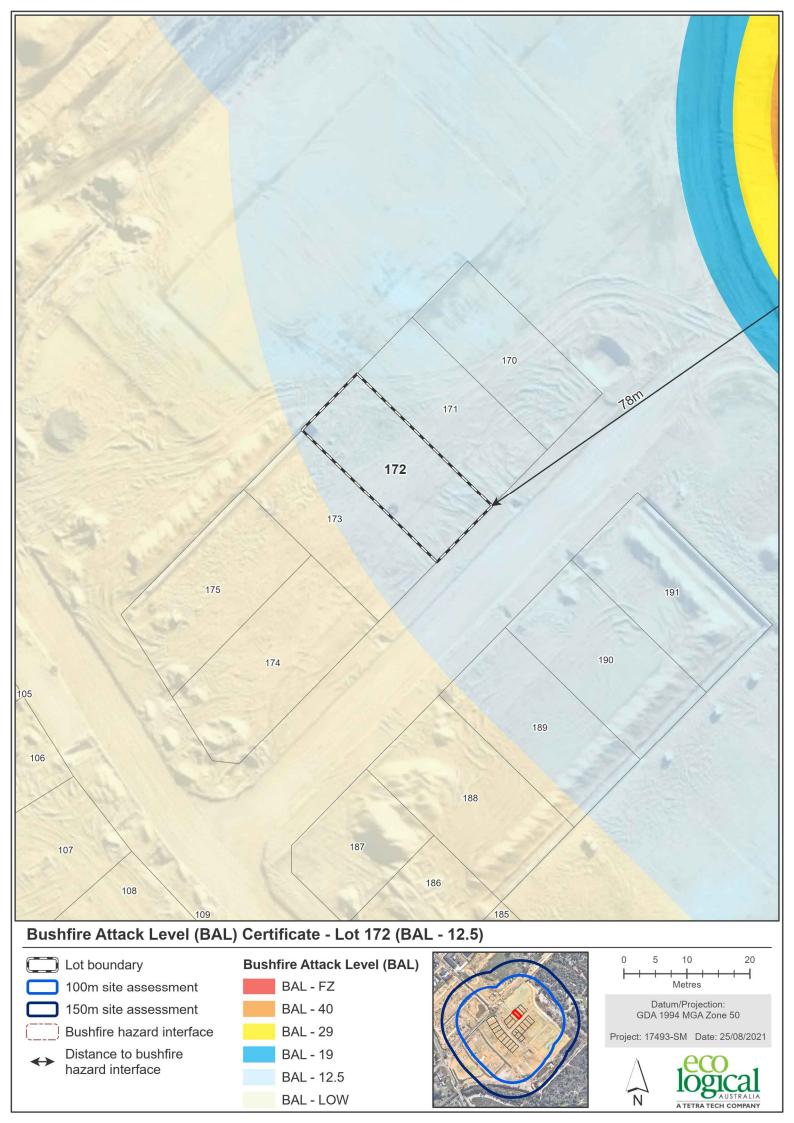
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

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Determined in accordance with AS 3959: 2018

Site Details						
Address:	Lot 173, Natures Edge Estate, Stage 2					
Suburb:	Southern River, 6110 State: WA					
Local Government Area:	City of Gosnells					
Use of building	Residential Dwelling	Main BCA class:	Class 1a			
Report / Job Number:	20PER-17493	Report Date:	25/08/2021			

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	90 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.

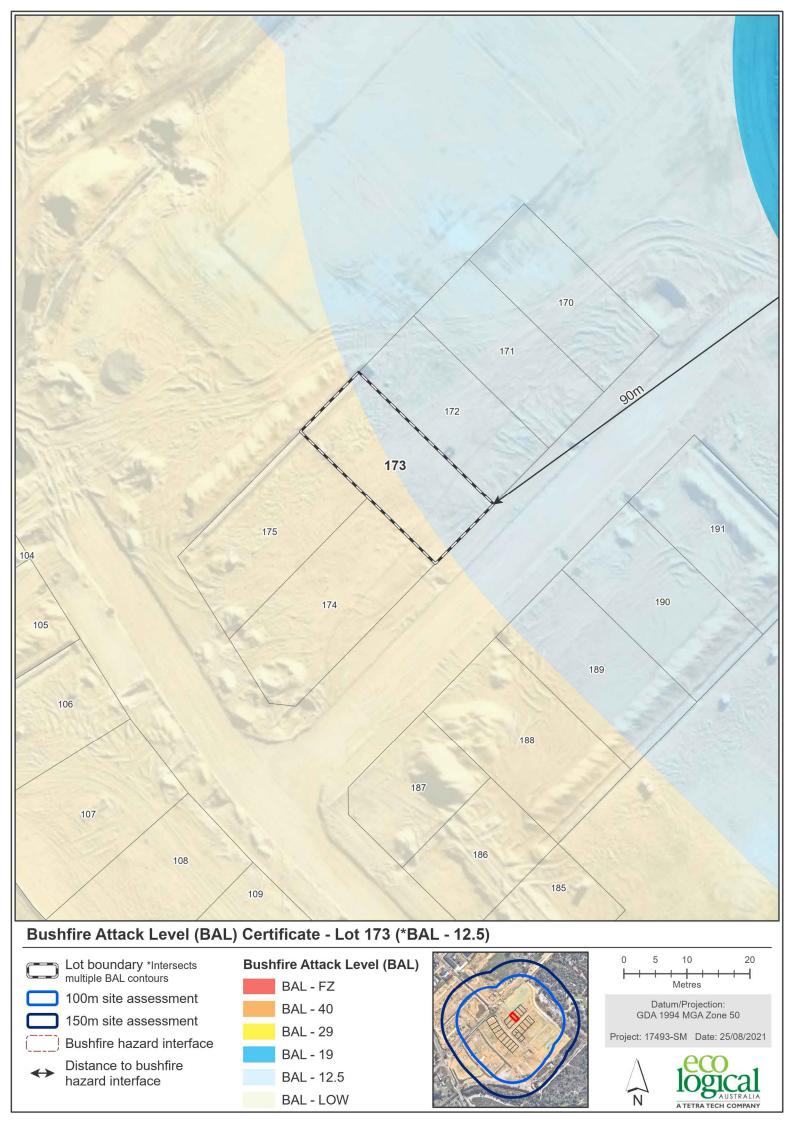
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
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Level 3



Determined in accordance with AS 3959: 2018

Site Details						
Address:	Lot 174, Natures Edge Estate, Stage 2					
Suburb:	Southern River, 6110 State: WA					
Local Government Area:	City of Gosnells					
Use of building	Residential Dwelling	Main BCA class:	Class 1a			
Report / Job Number:	20PER-17493	Report Date:	25/08/202	21		

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	103 m	BAL - LOW		

Practitioner Details

Certificate Date:

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Daniel Panickar Name

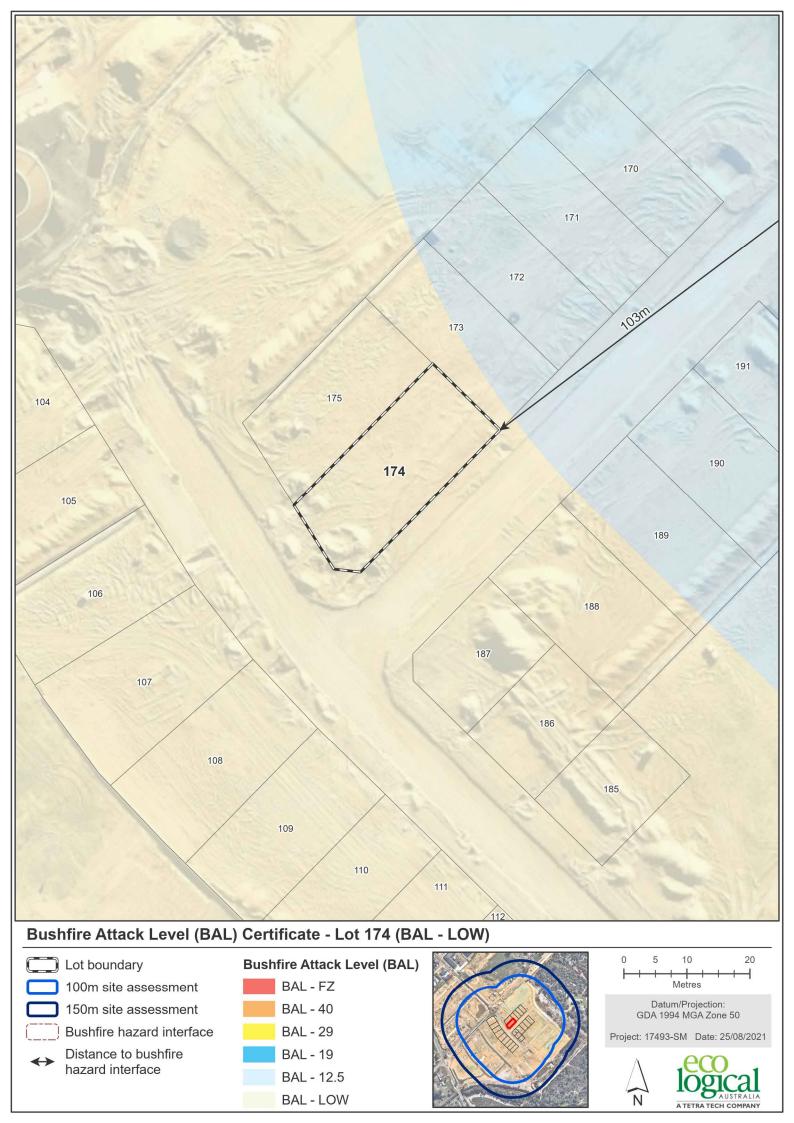
Eco Logical Australia

Signature:

25/08/2021

Accreditation No: BPAD 37802

Accreditation Expiry: December 2021



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 175, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	106 m	BAL - LOW	

Practitioner Details

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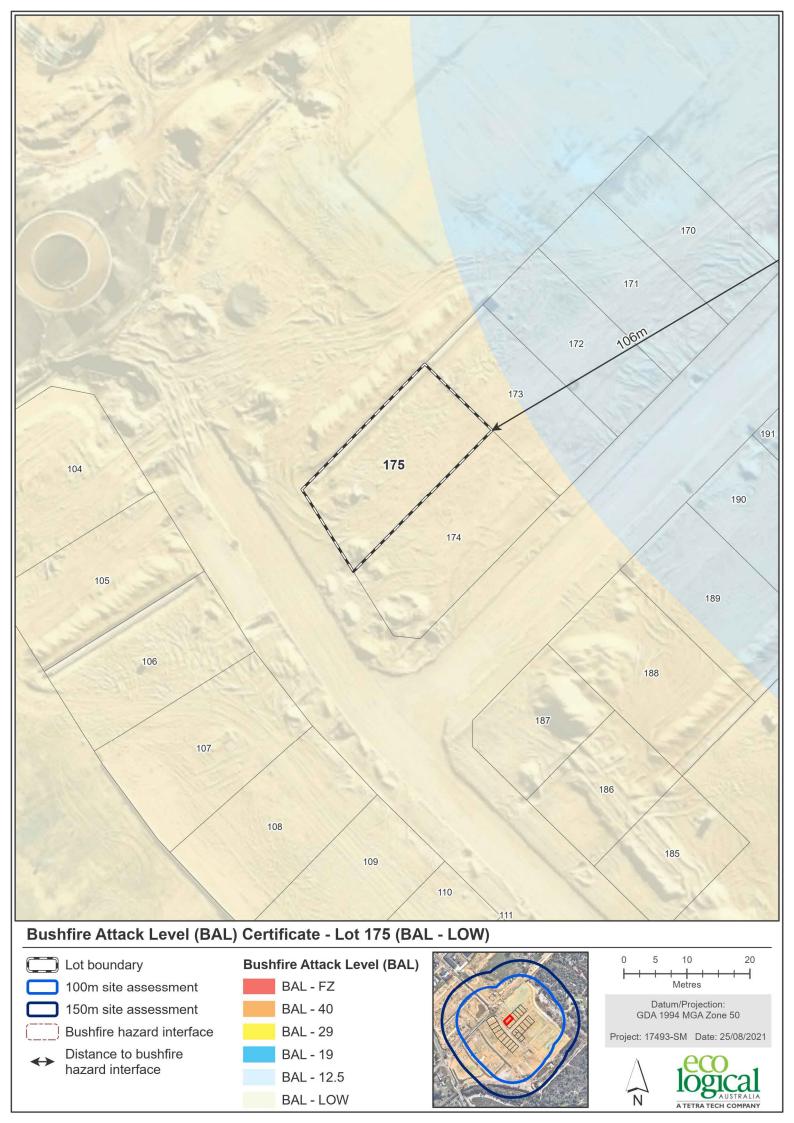
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
Bushfire
Planning & Design
Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 185, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	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.

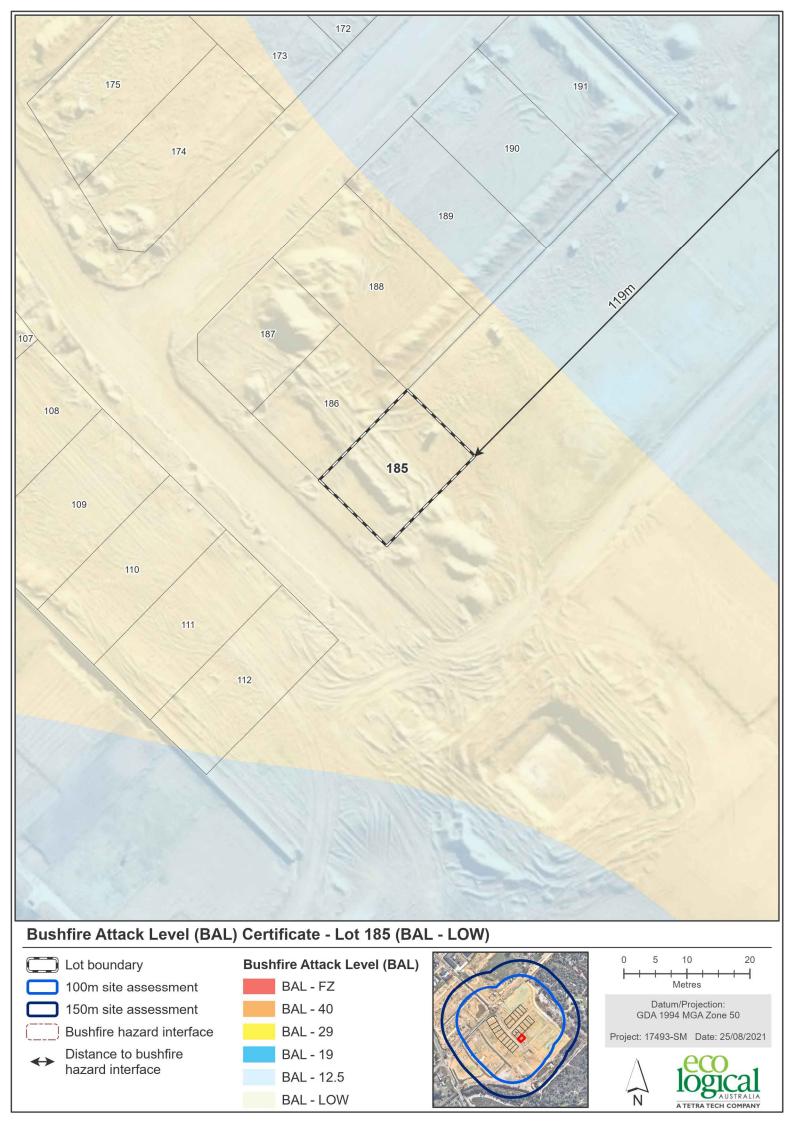
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
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Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 186, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA			WA	
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	119 m	BAL - LOW	

Practitioner Details

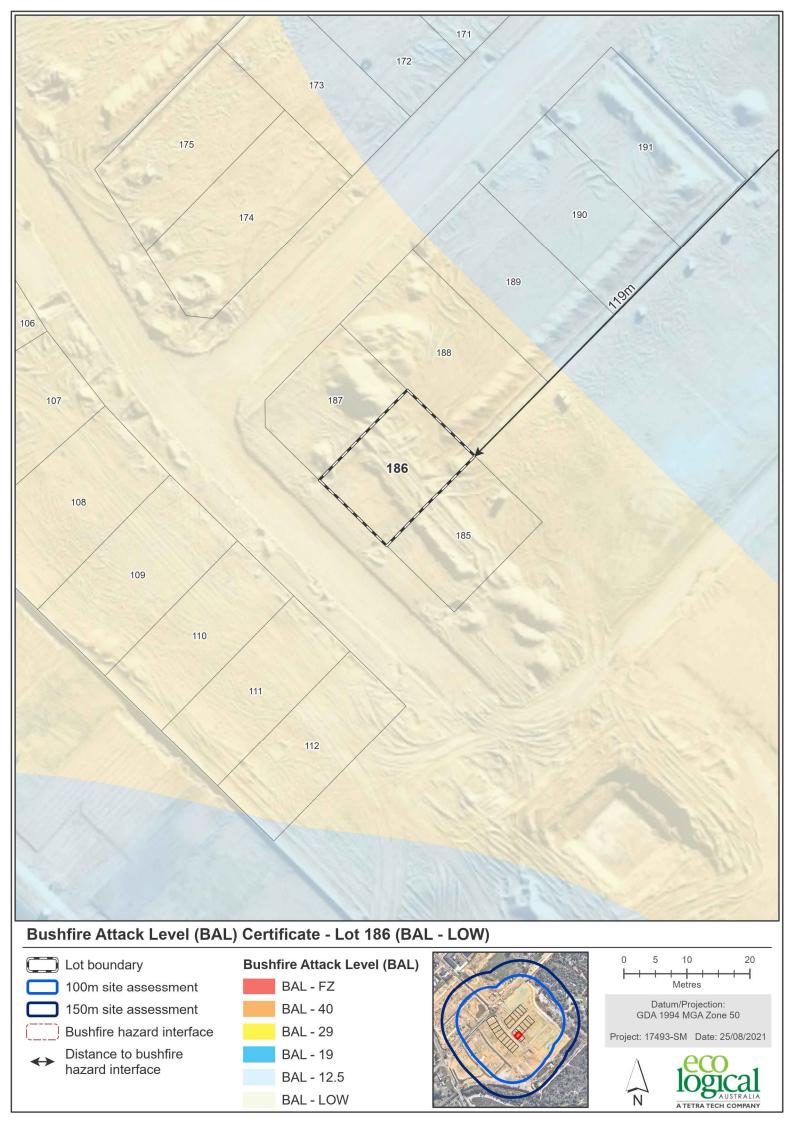
Certificate Date:

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Name Daniel Panickar

Eco Logical Australia

Signature:



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 187, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	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.

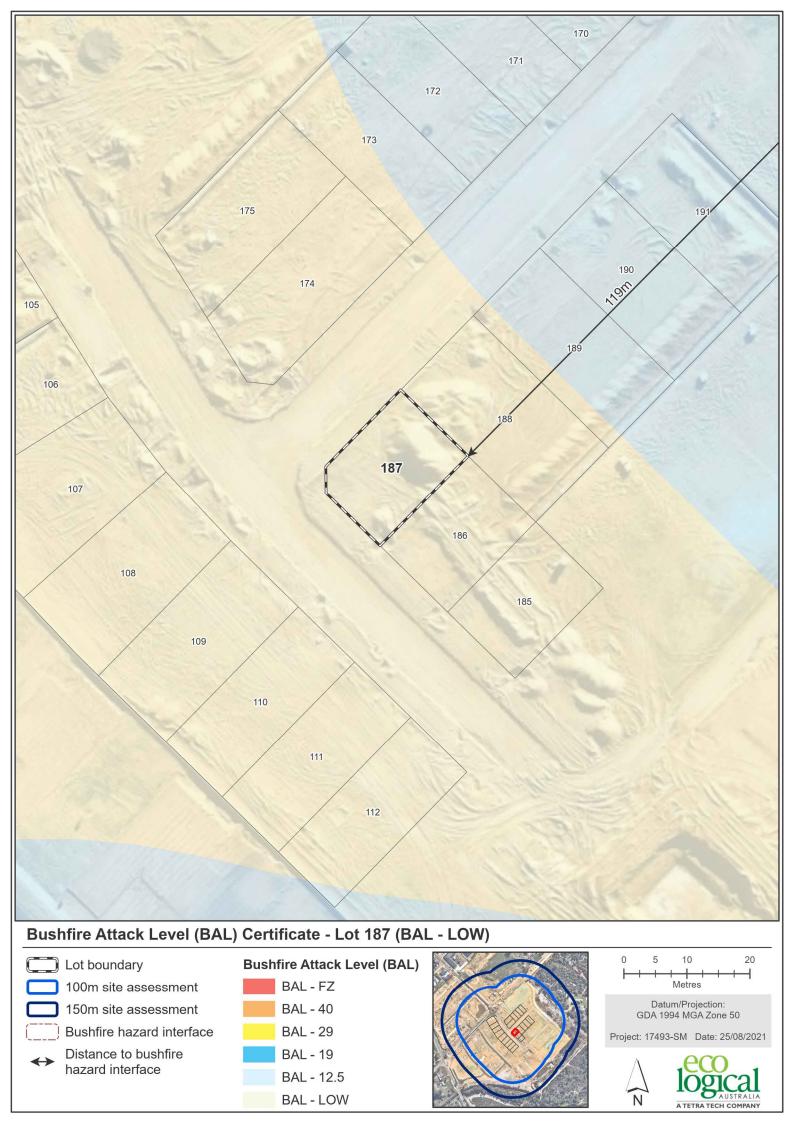
Name Daniel Panickar

Eco Logical Australia

Signature:

Accreditation No: BPAD 37802

Certificate Date: 25/08/2021 Accreditation Expiry: December 2021



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 188, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021	-	

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	103 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.

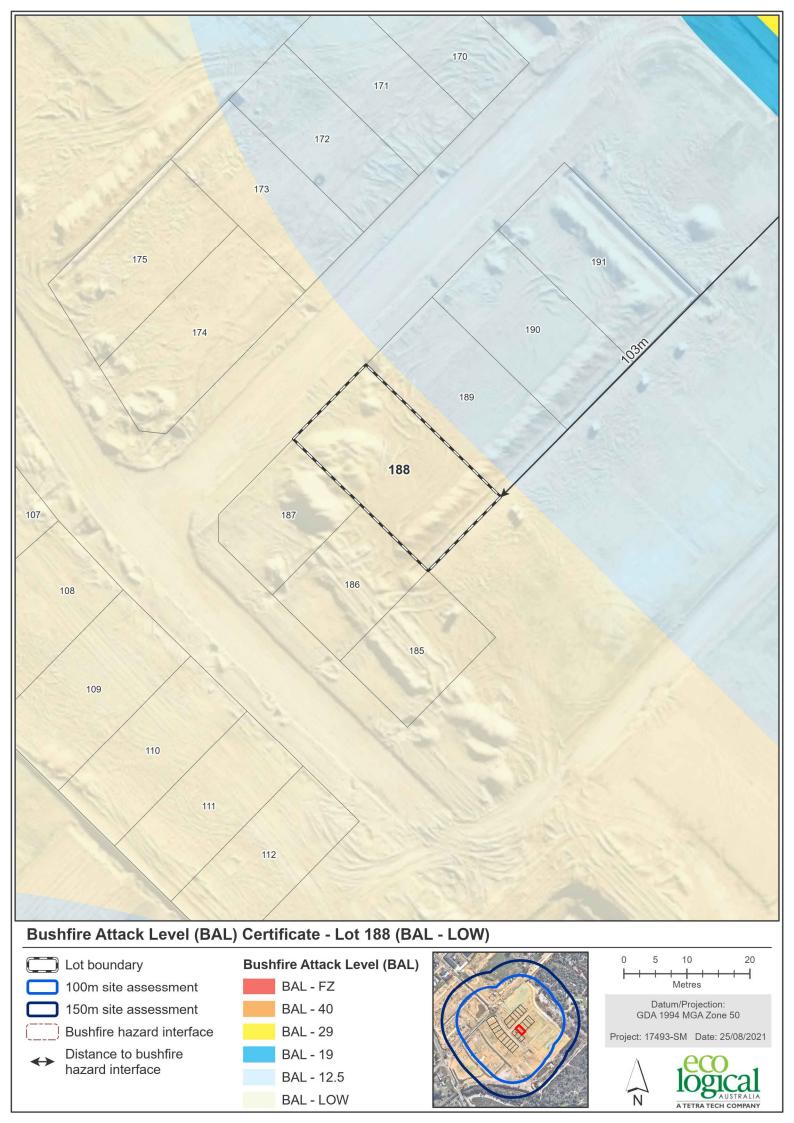
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
Bushfire
Planning & Design
Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 189, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110 State: WA				
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	88 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.

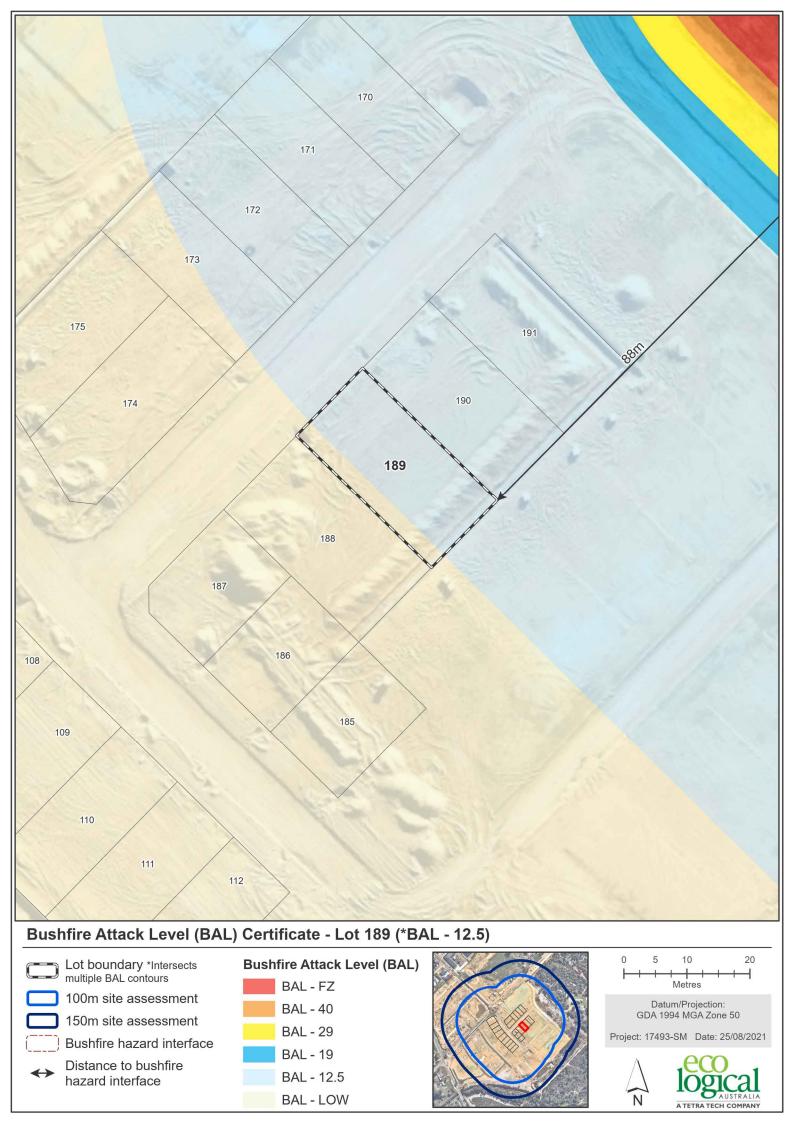
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
Bushfire
Planning & Design
Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 190, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110			State:	WA
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/20)21	

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	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.

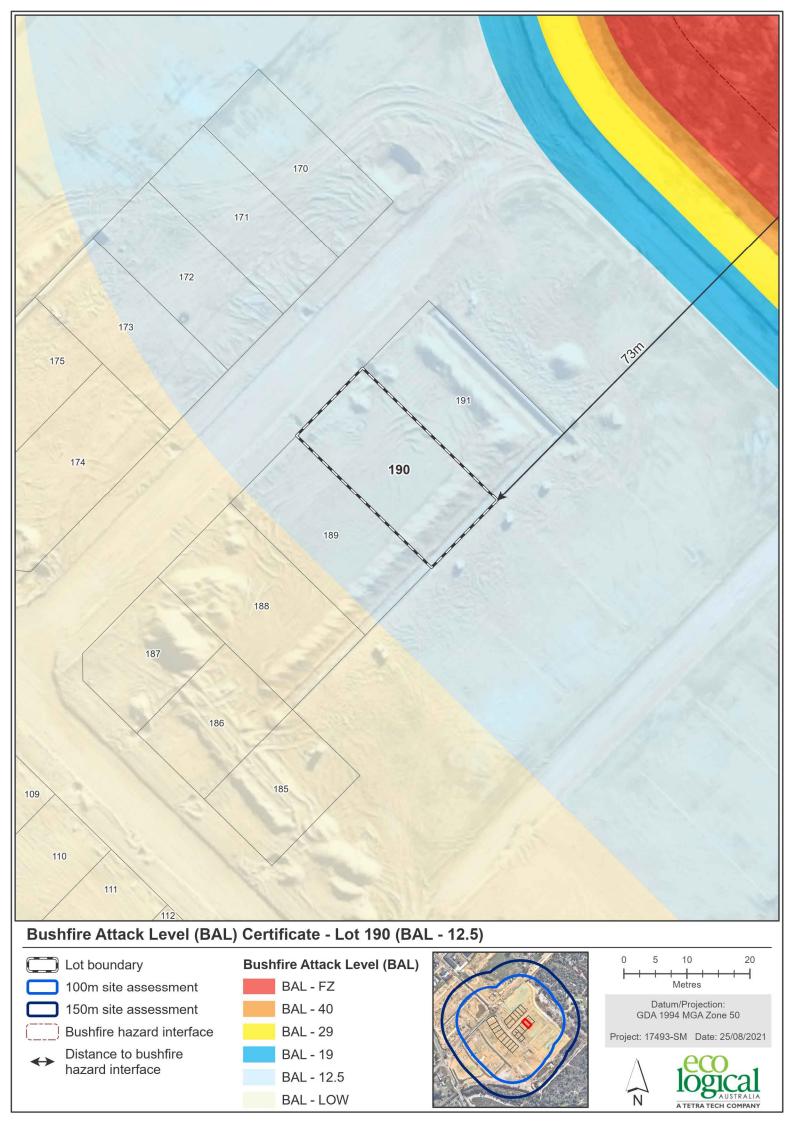
Name Daniel Panickar

Eco Logical Australia

Signature:

Certificate Date: 25/08/2021

BPAD
Bushfire
Planning & Design
Accredited Practitioner
Level 3



Determined in accordance with AS 3959: 2018

Site Details					
Address:	Lot 191, Natures Edge Estate, Stage 2				
Suburb:	Southern River, 6110		State: WA		
Local Government Area:	City of Gosnells				
Use of building	Residential Dwelling	Main BCA class:	Class 1a		
Report / Job Number:	20PER-17493	Report Date:	25/08/2021		

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	58 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:

Accreditation No: BPAD 37802

Certificate Date: 25/08/2021 Accreditation Expiry: December 2021

