

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 114, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

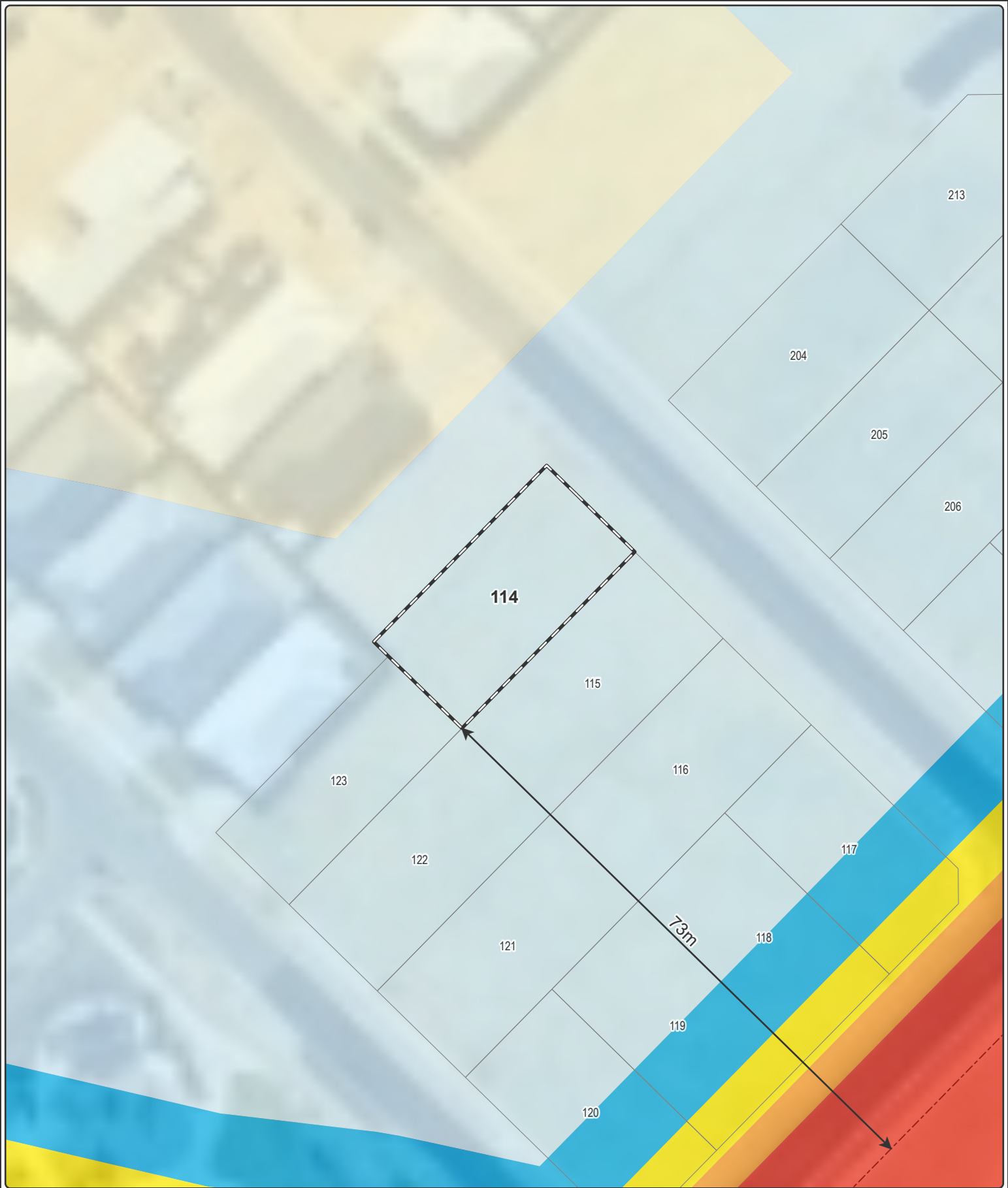
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 114 (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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 115, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

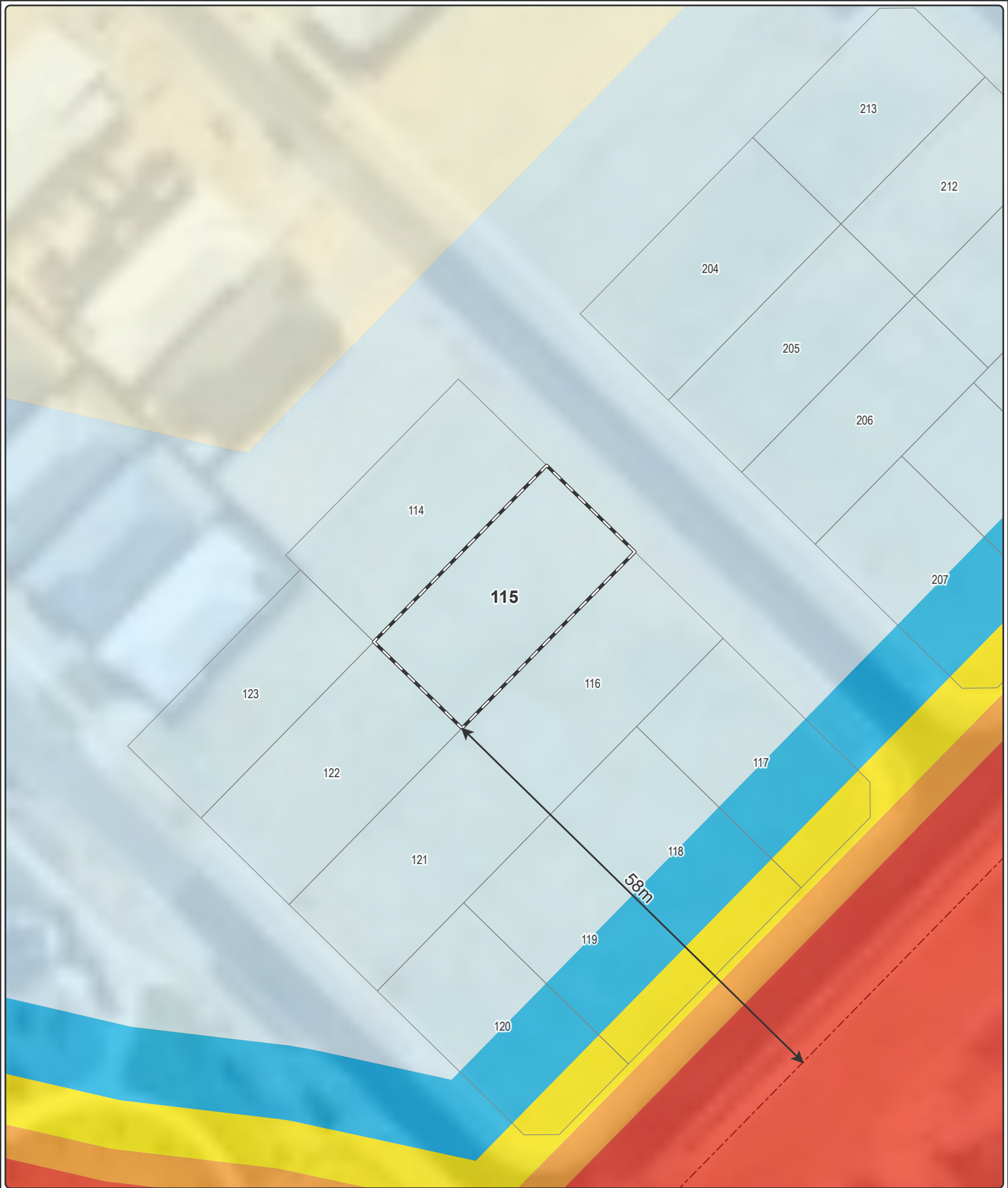
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

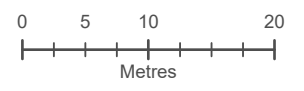


Bushfire Attack Level (BAL) Certificate - Lot 115 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 116, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	43 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.

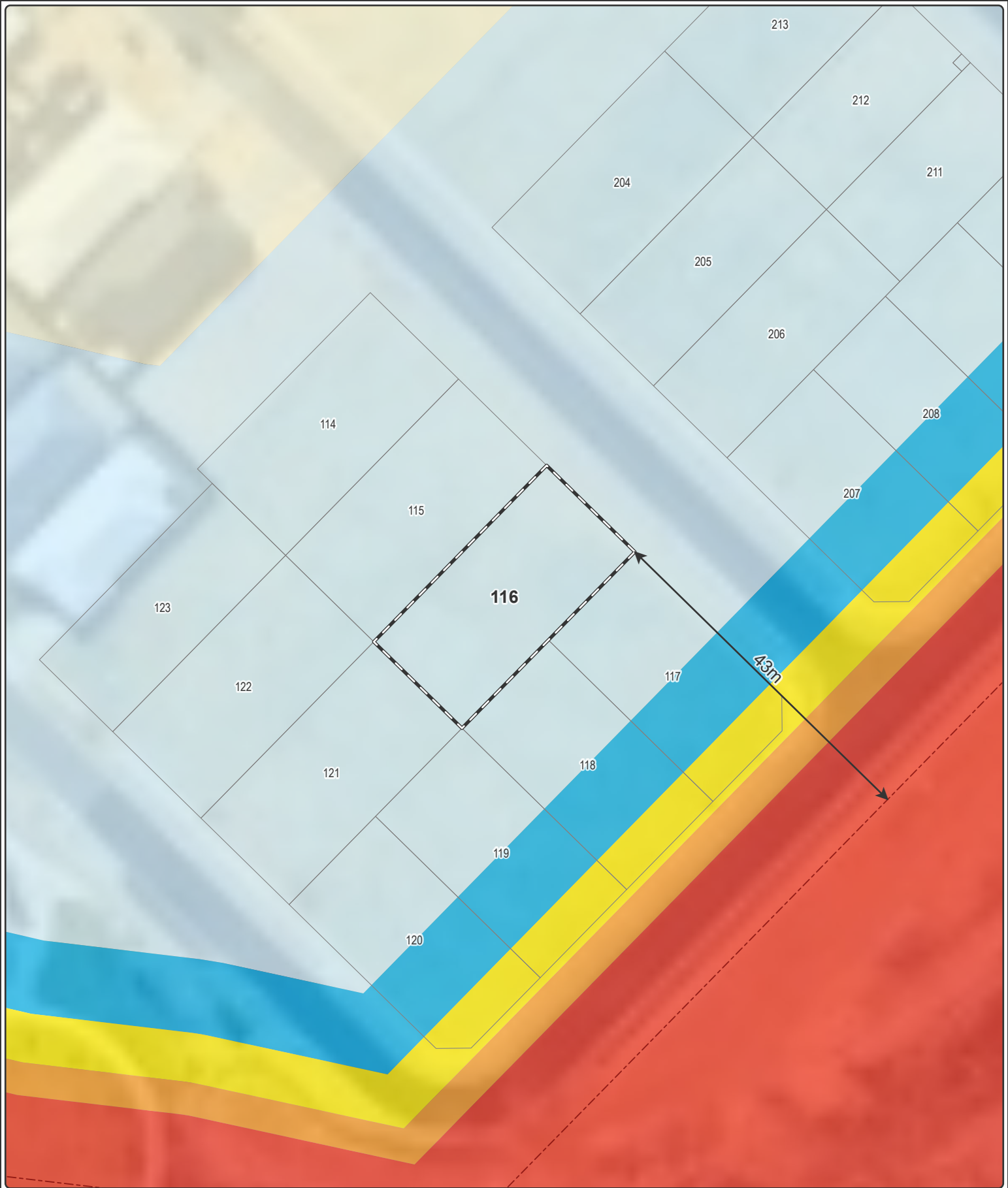
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

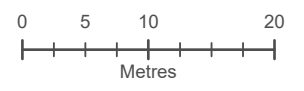


Bushfire Attack Level (BAL) Certificate - Lot 116 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 117, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

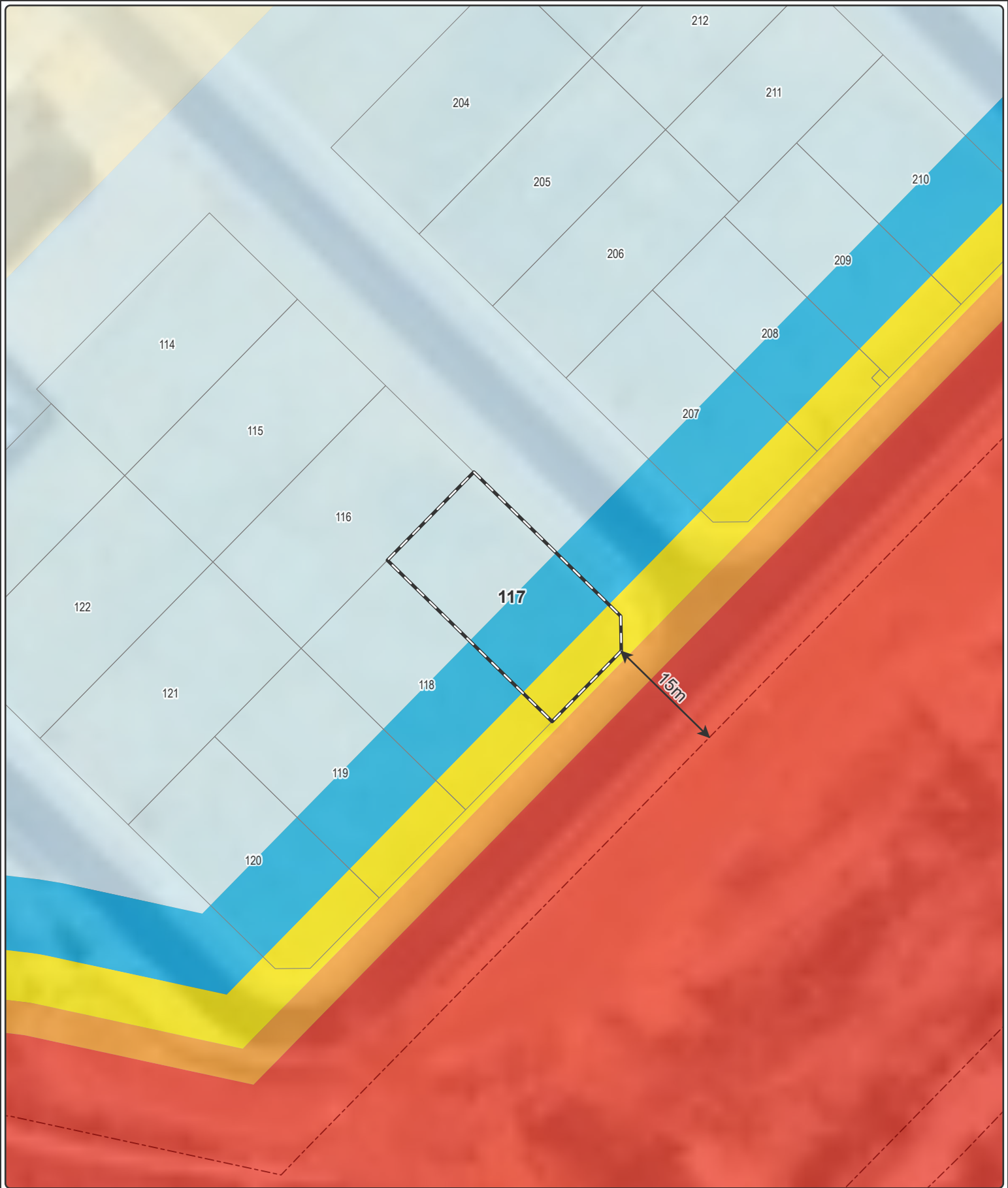
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

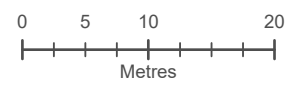


Bushfire Attack Level (BAL) Certificate - Lot 117 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 118, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

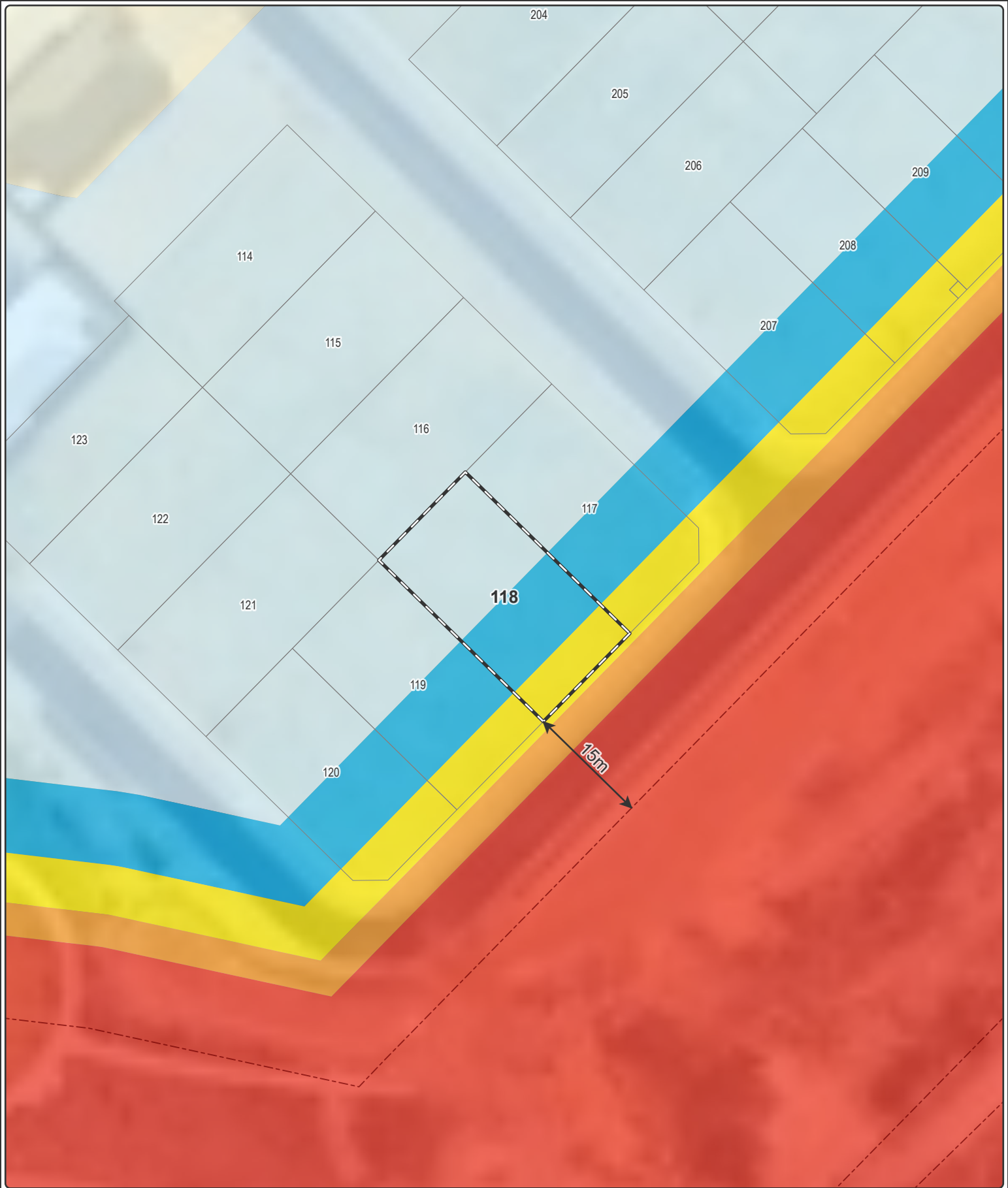
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 118 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 119, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

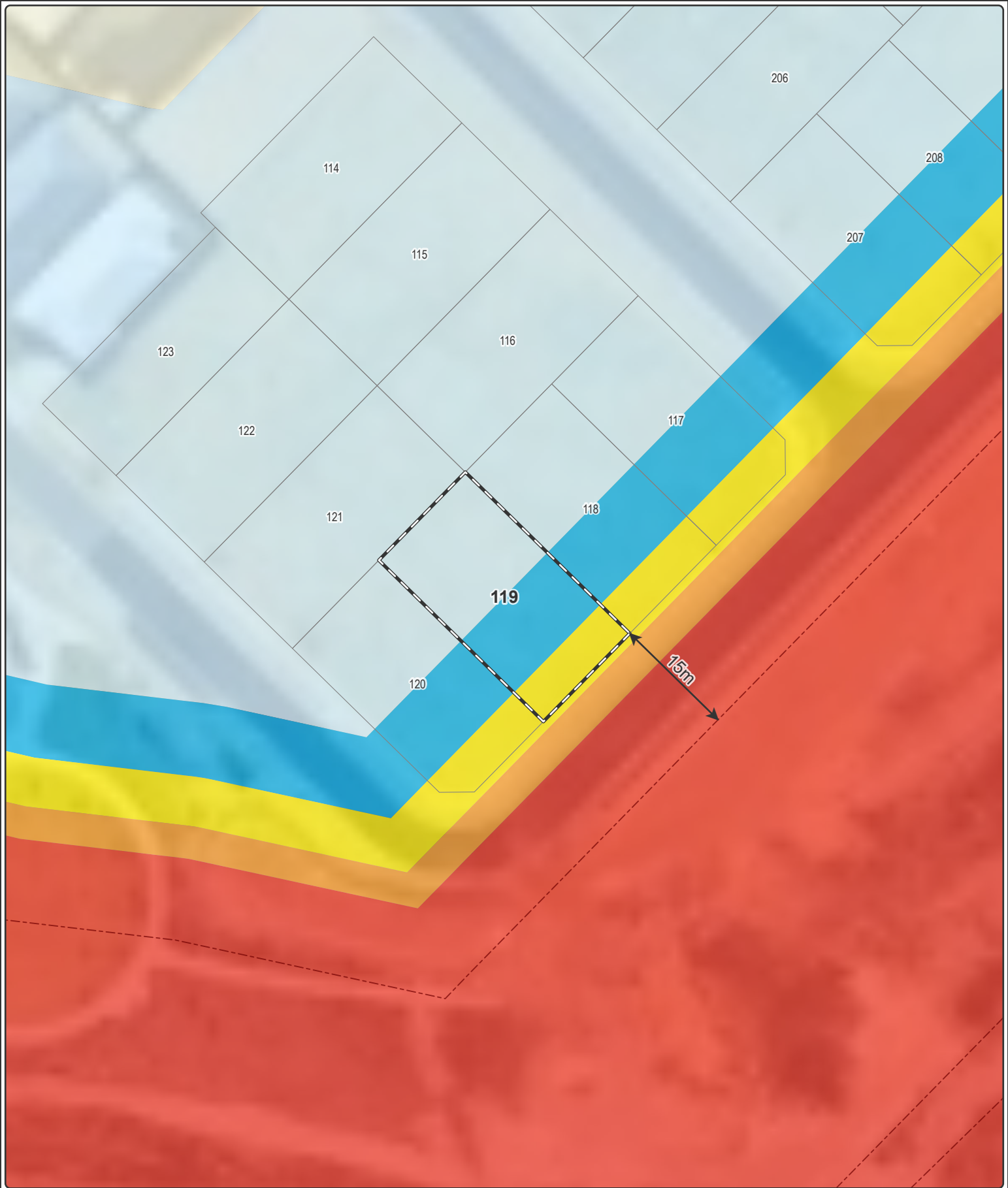
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









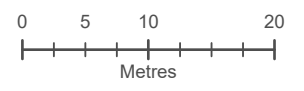
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 119 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 120, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

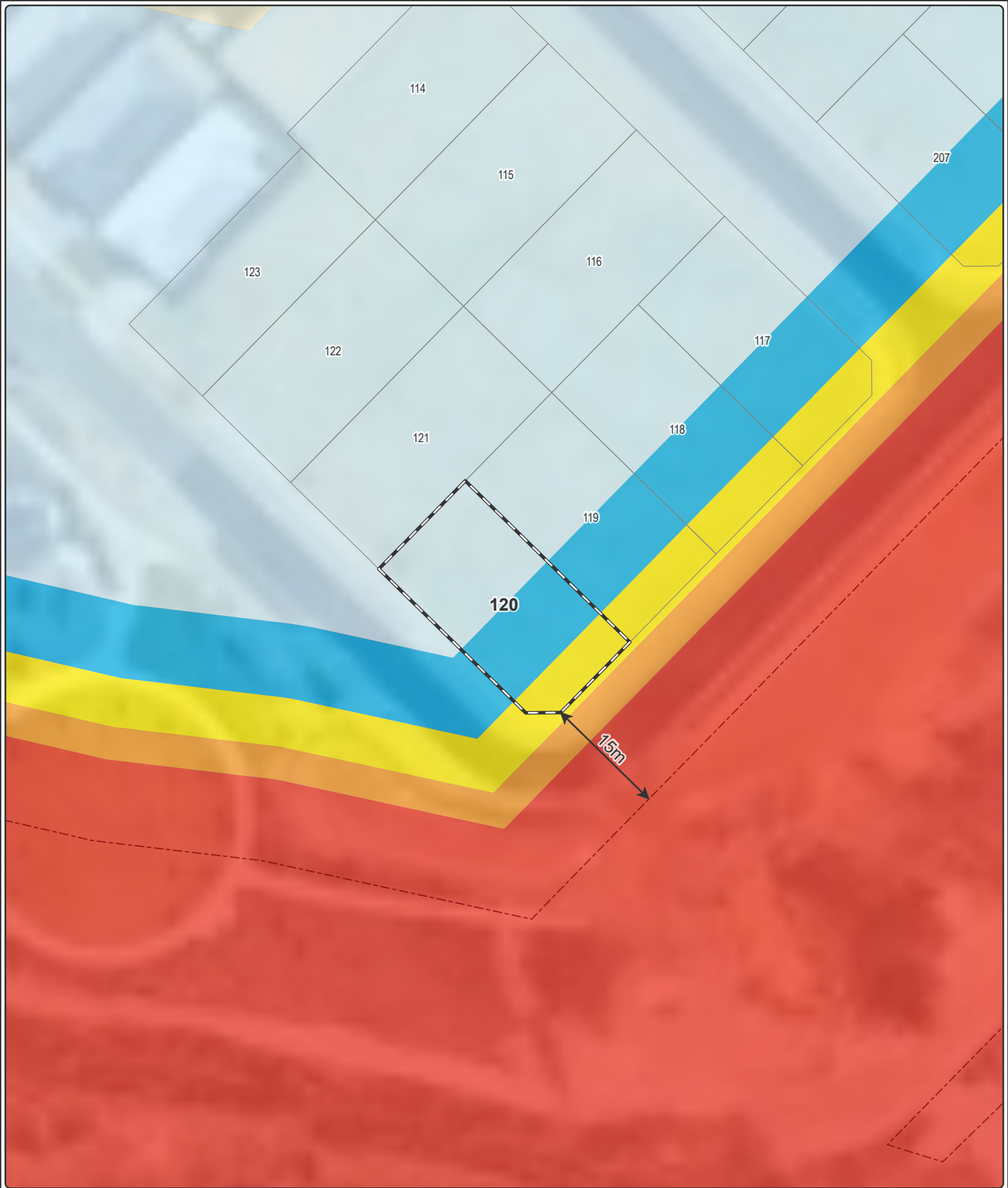
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









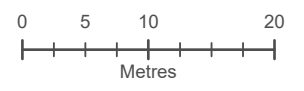
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 120 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 121, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	38 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.

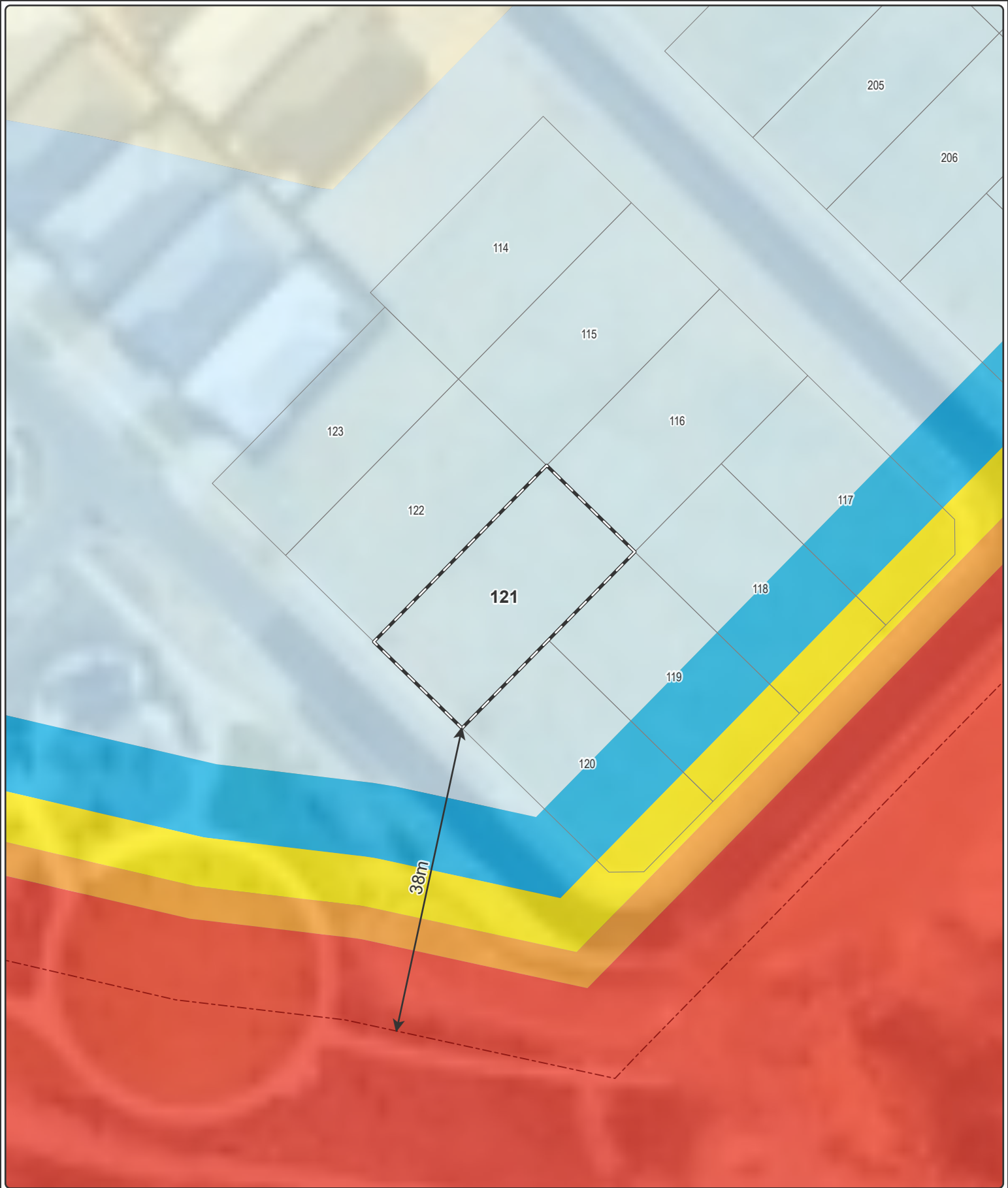
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

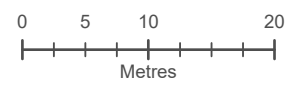


Bushfire Attack Level (BAL) Certificate - Lot 121 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 122, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	46 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.

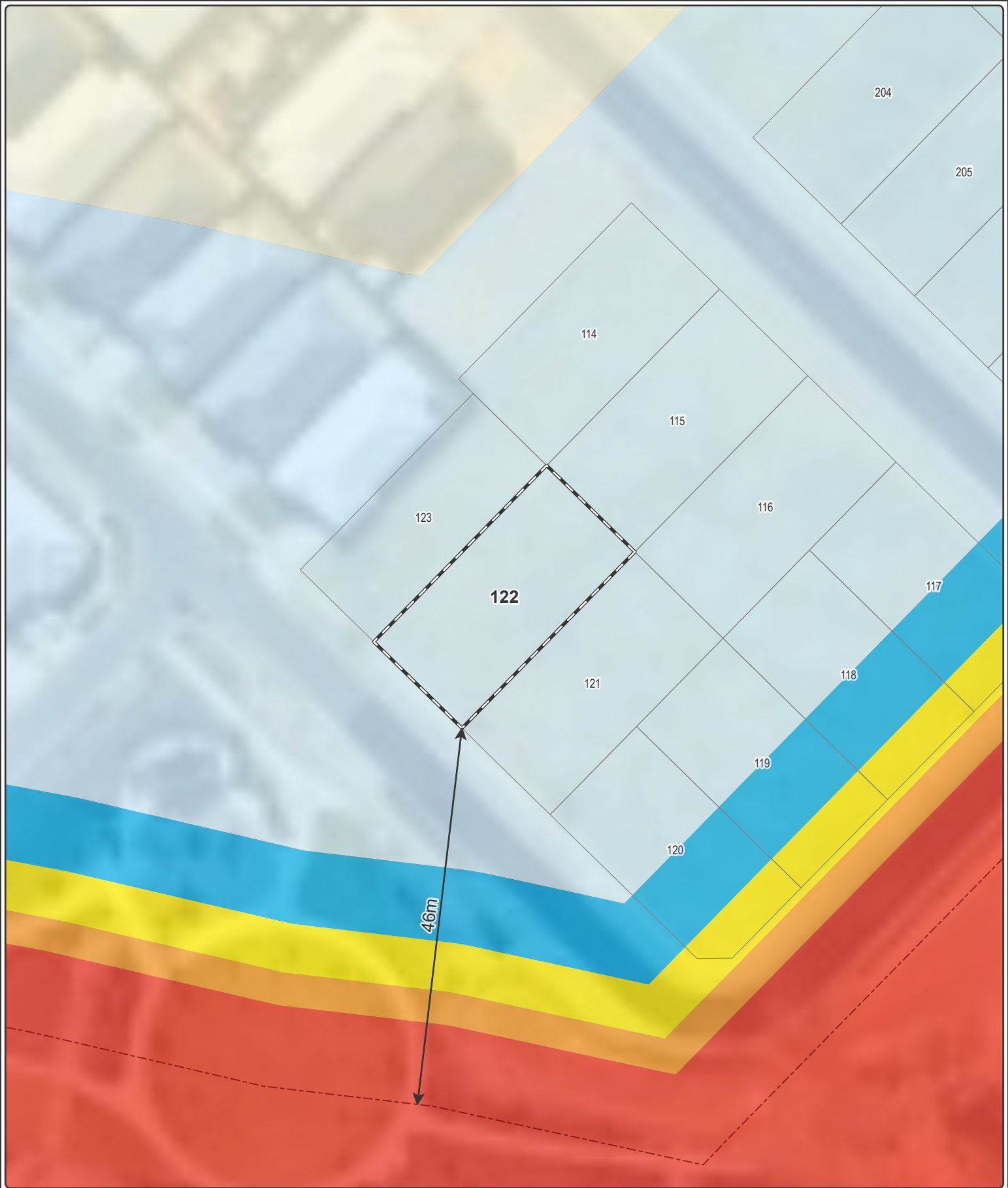
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

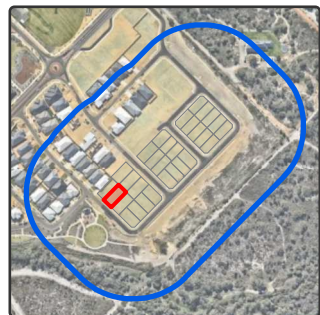


Bushfire Attack Level (BAL) Certificate - Lot 122 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 123, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	55 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.

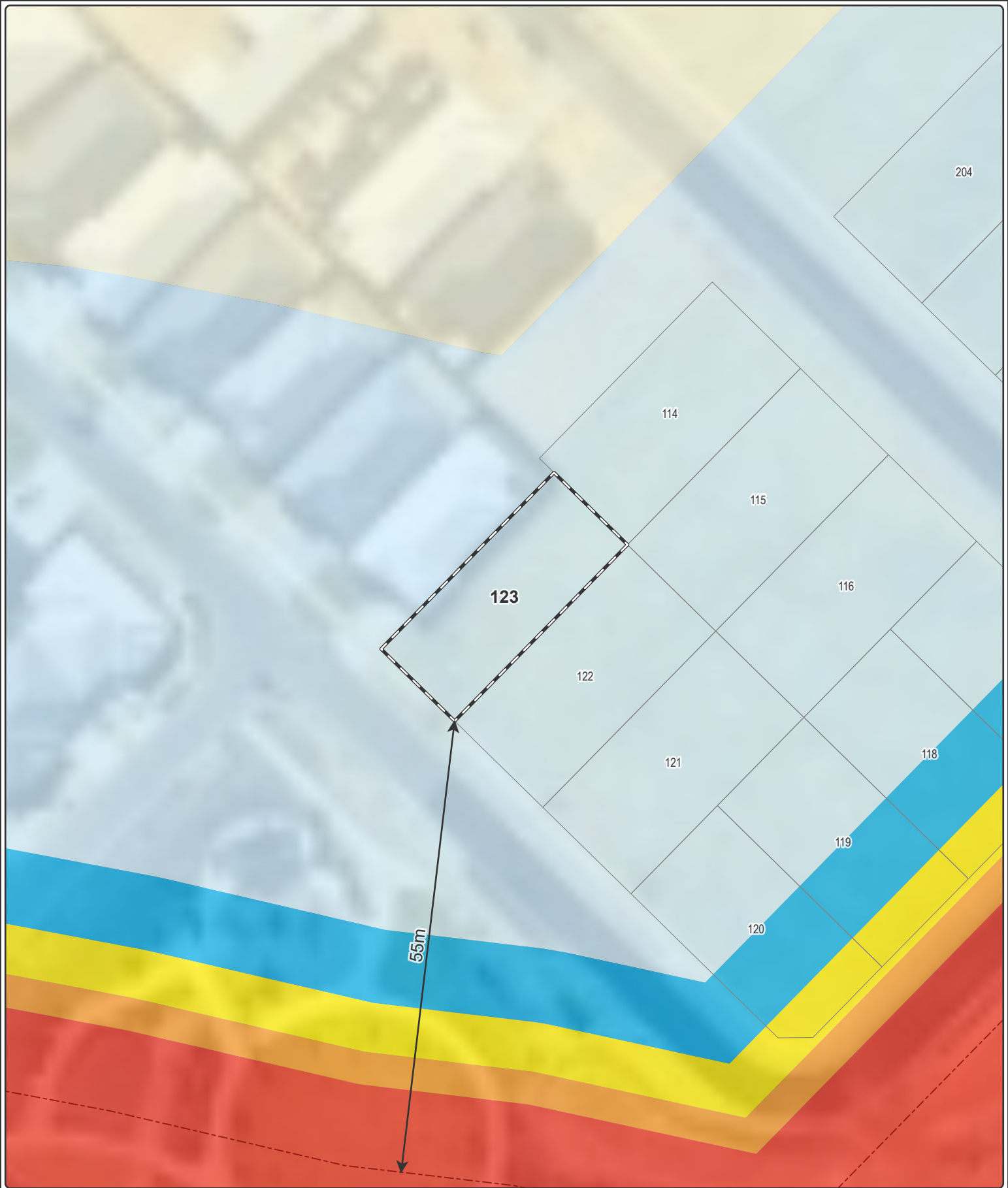
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



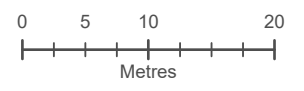
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 123 (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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 204, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	68 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.

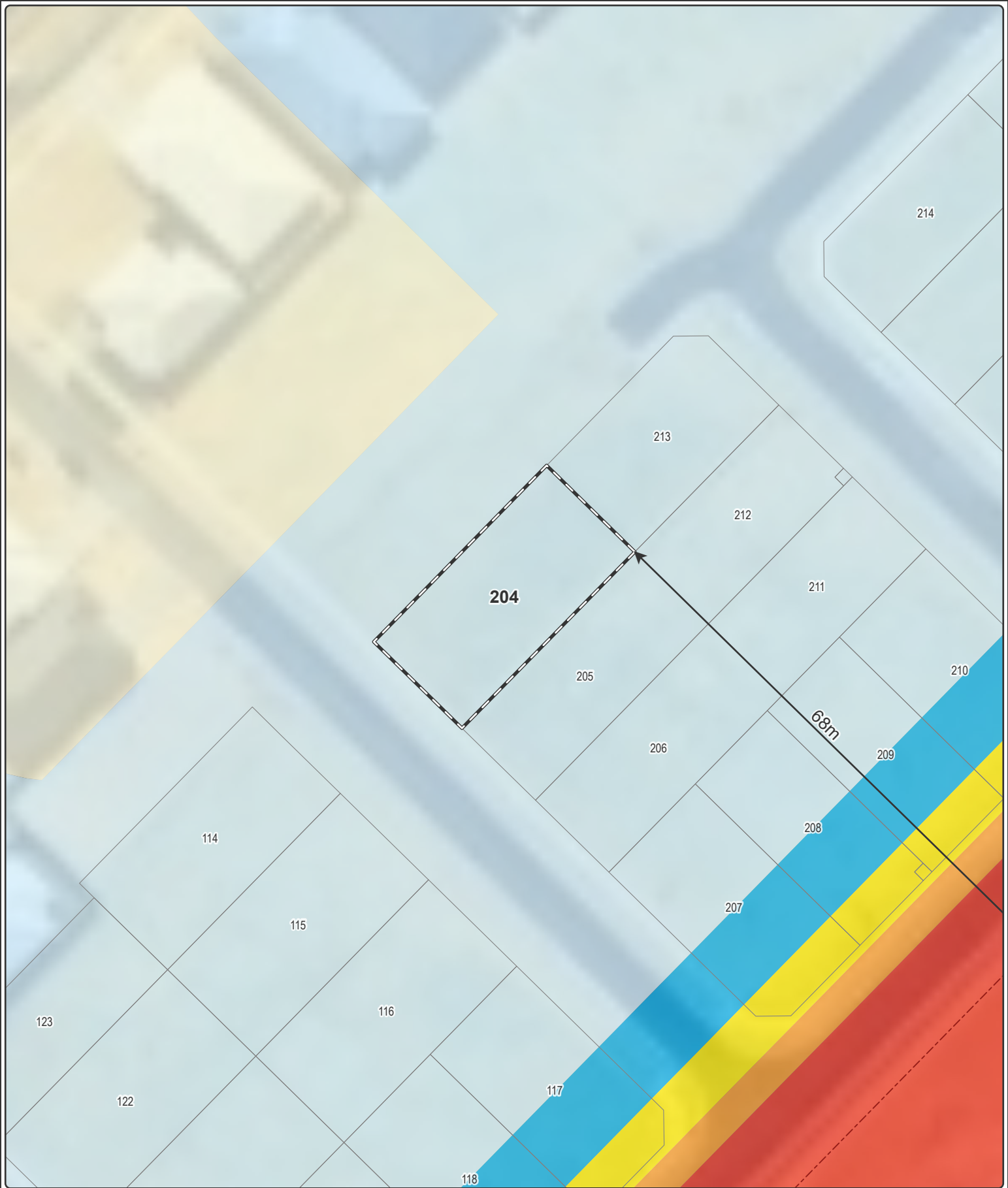
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

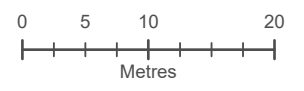
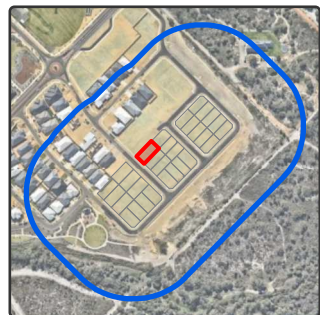


Bushfire Attack Level (BAL) Certificate - Lot 204 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 205, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	55 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.

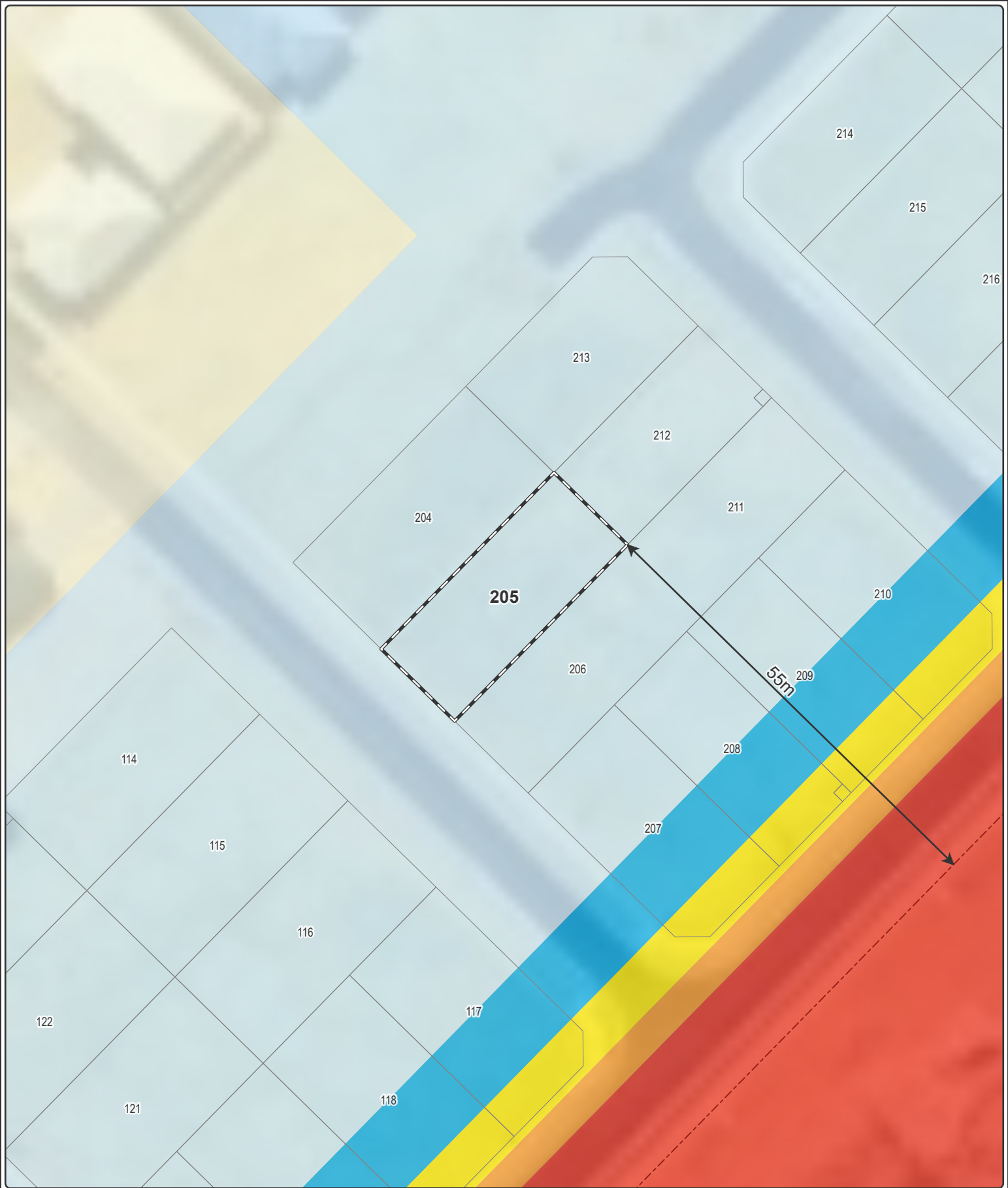
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



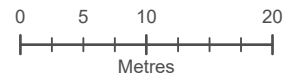
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 205 (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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 206, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	43 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.

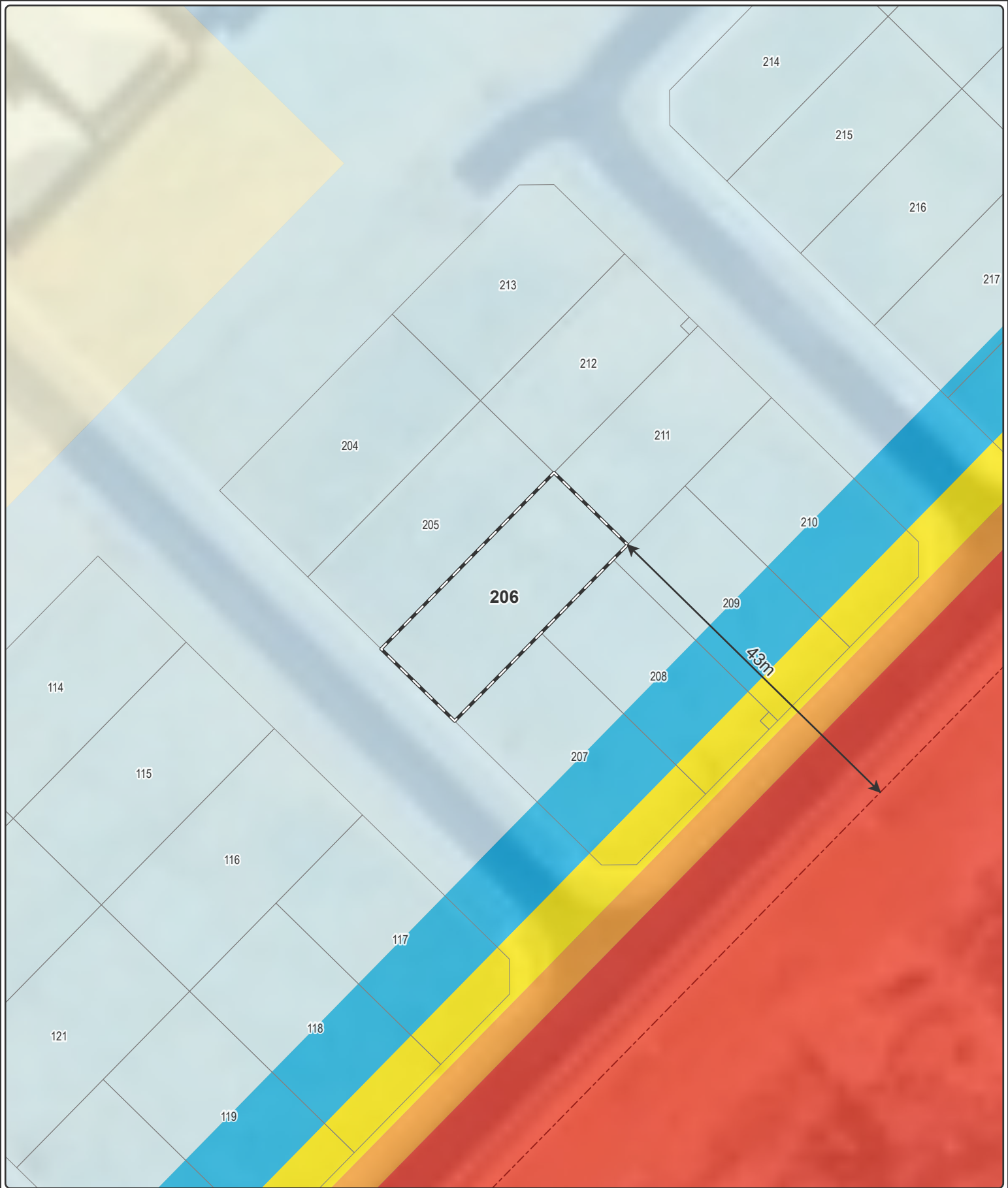
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 206 (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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 207, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

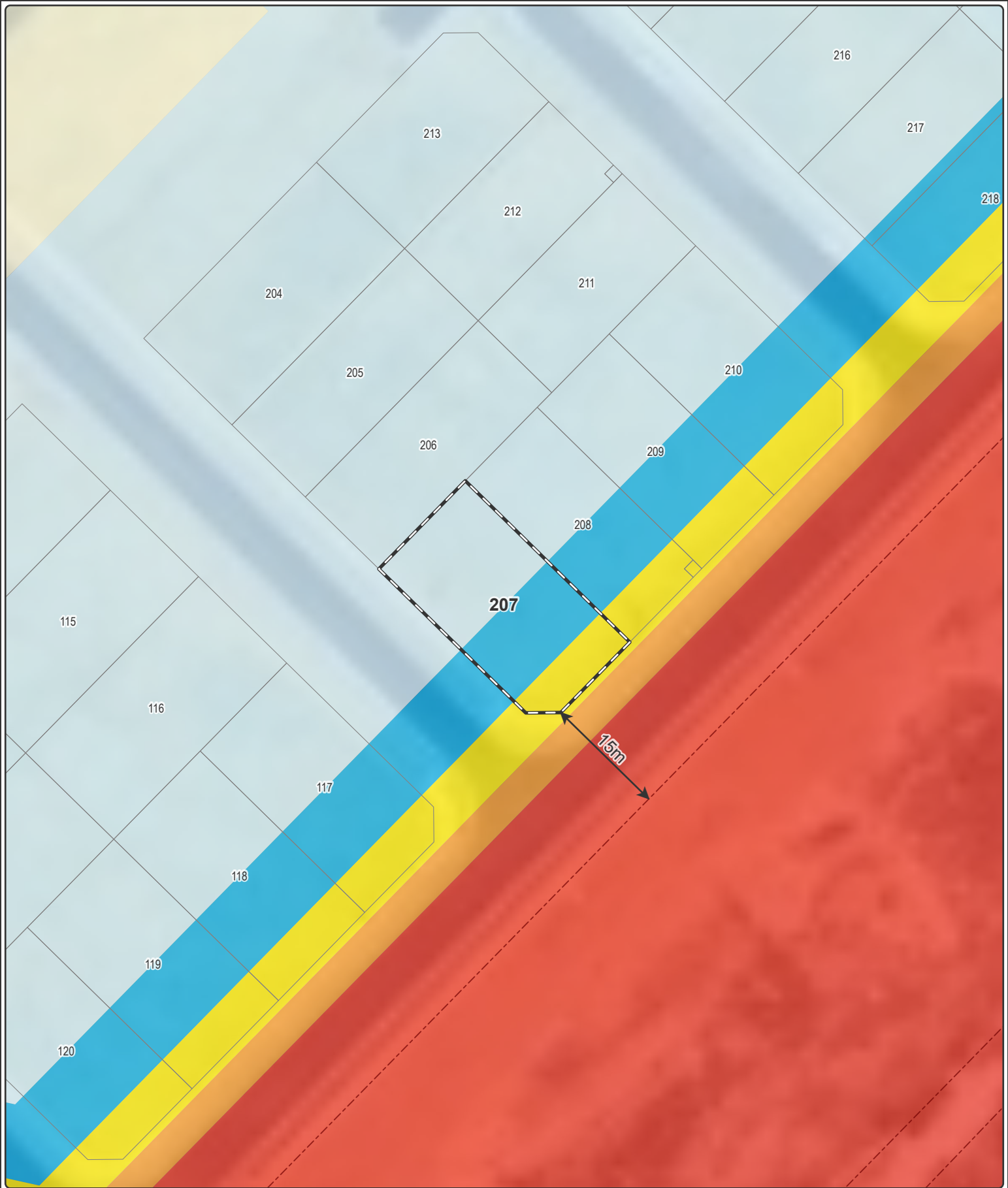
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









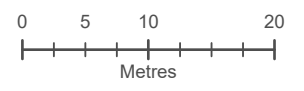
Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 207 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 208, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

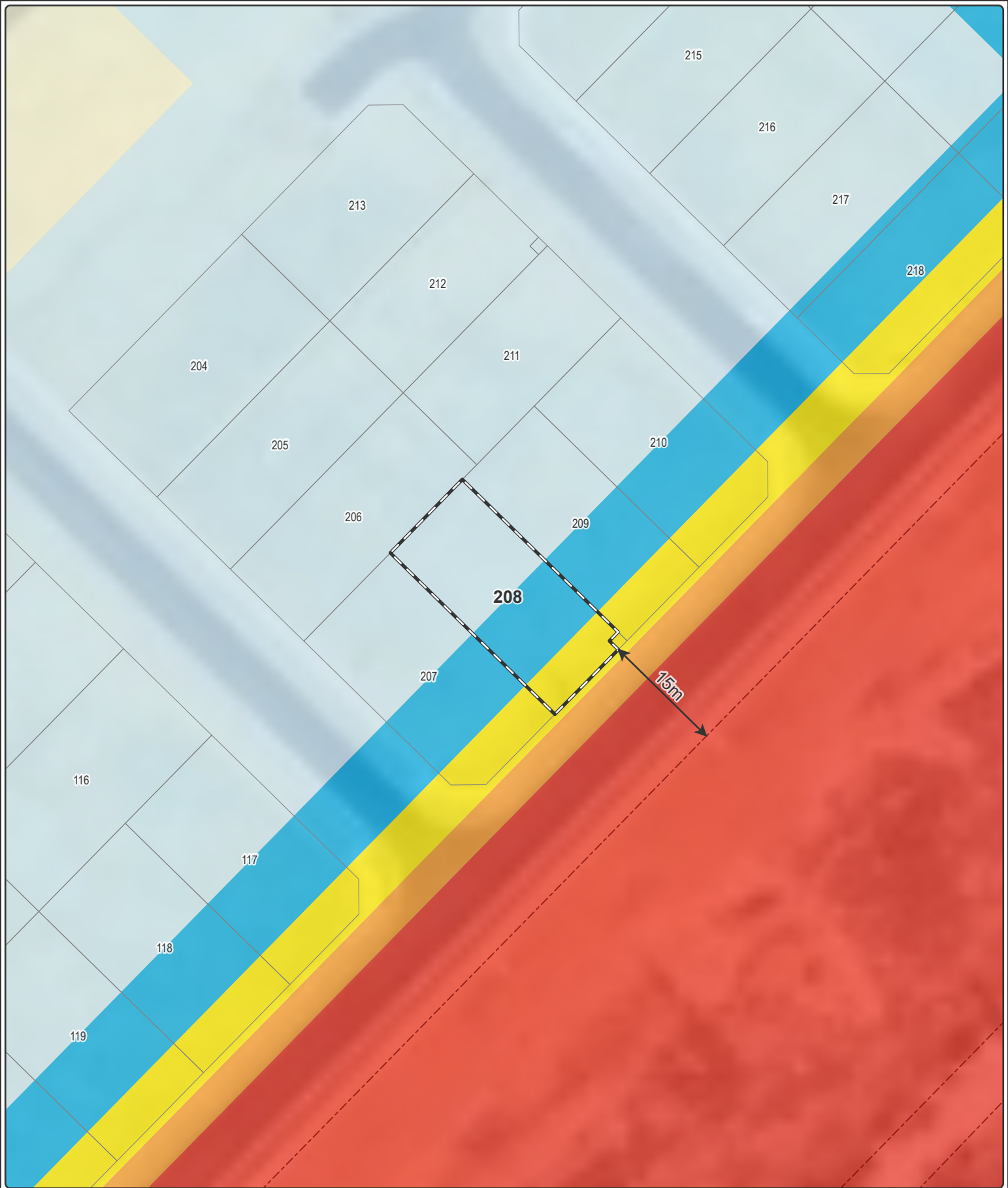
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

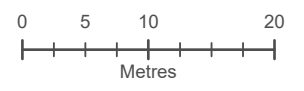


Bushfire Attack Level (BAL) Certificate - Lot 208 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 209, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

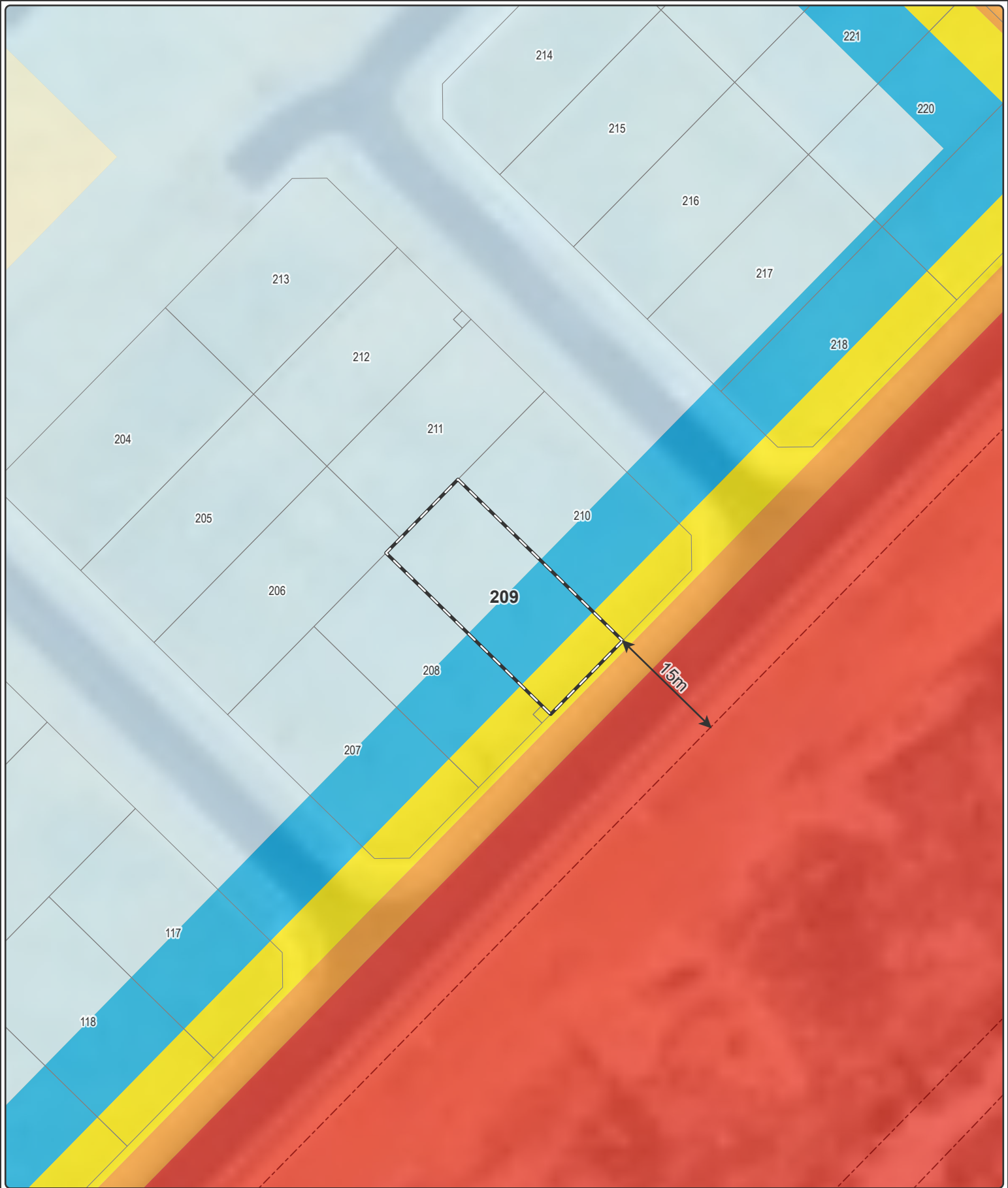
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

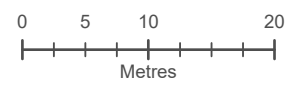


Bushfire Attack Level (BAL) Certificate - Lot 209 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 210, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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.

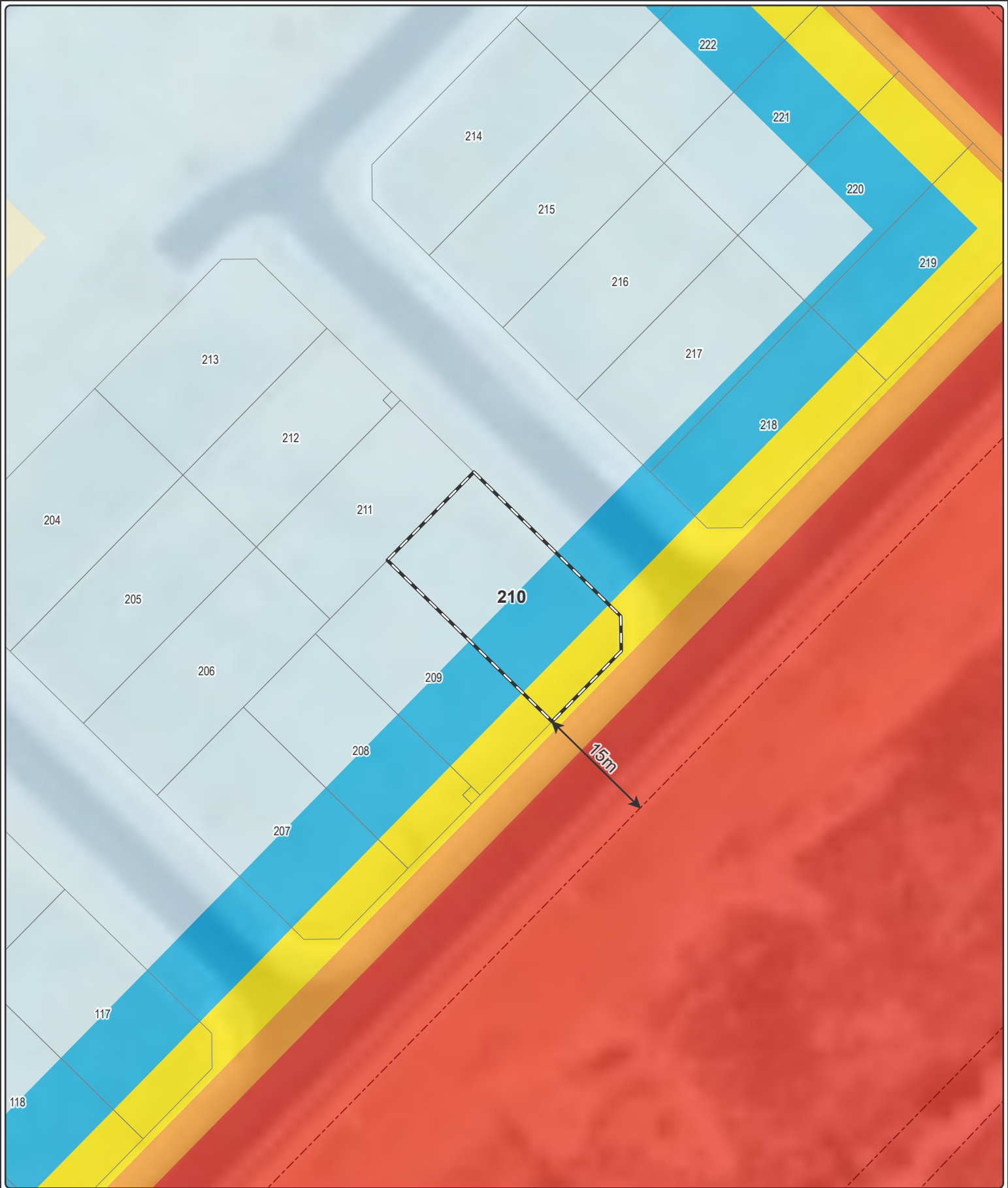
Name Daniel Panickar
Eco Logical Australia

Signature: 




Certificate Date: 19/06/2023









Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



Bushfire Attack Level (BAL) Certificate - Lot 210 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address: Lot 211, Natures Edge Estate, Stage 3B

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: 22PER2824 (Variation 1) **Report Date:** 19/06/2023

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	43 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

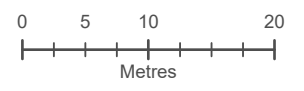


Bushfire Attack Level (BAL) Certificate - Lot 211 (BAL - 12.5)

-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 212, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	55 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.

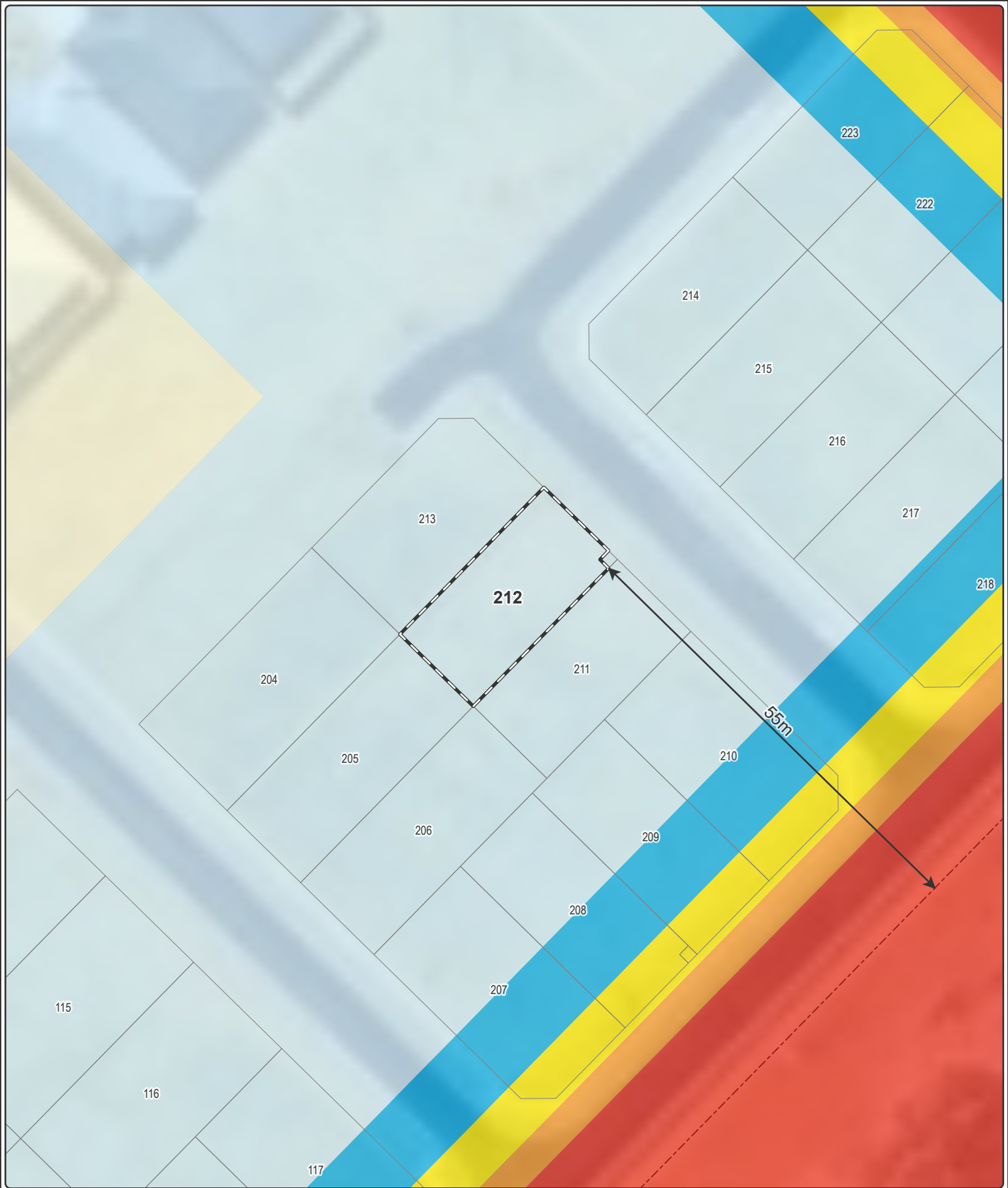
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

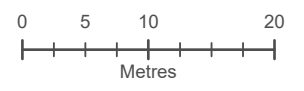


Bushfire Attack Level (BAL) Certificate - Lot 212 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 213, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	68 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

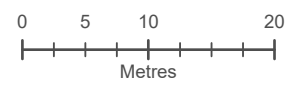


Bushfire Attack Level (BAL) Certificate - Lot 213 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 214, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	41 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 214 (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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 215, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	41 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.

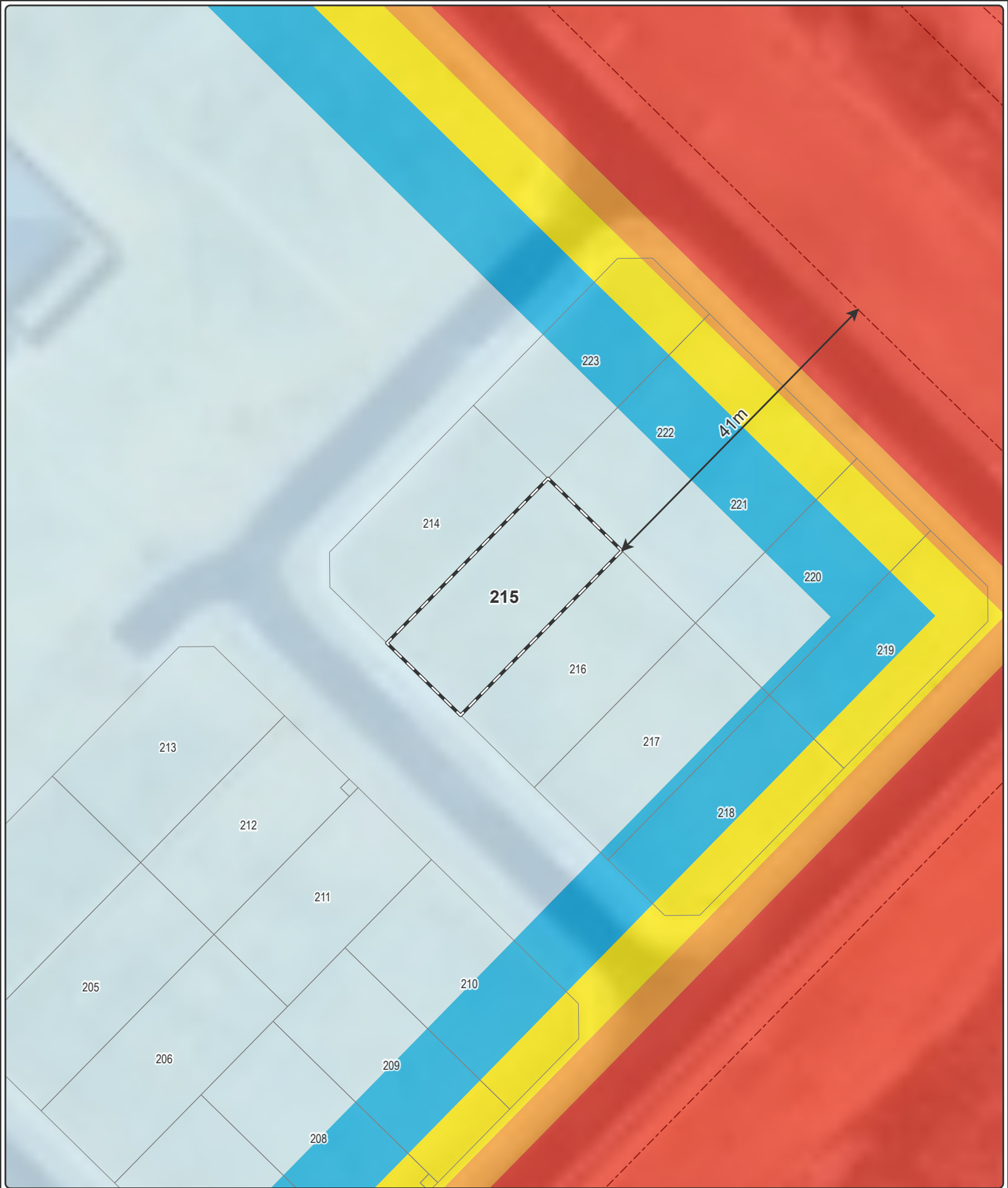
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

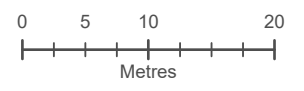
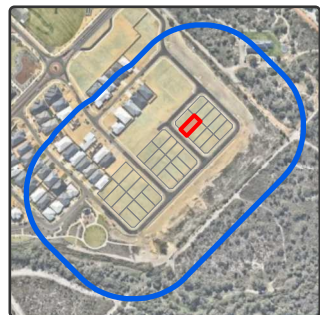


Bushfire Attack Level (BAL) Certificate - Lot 215 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 216, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	40 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.

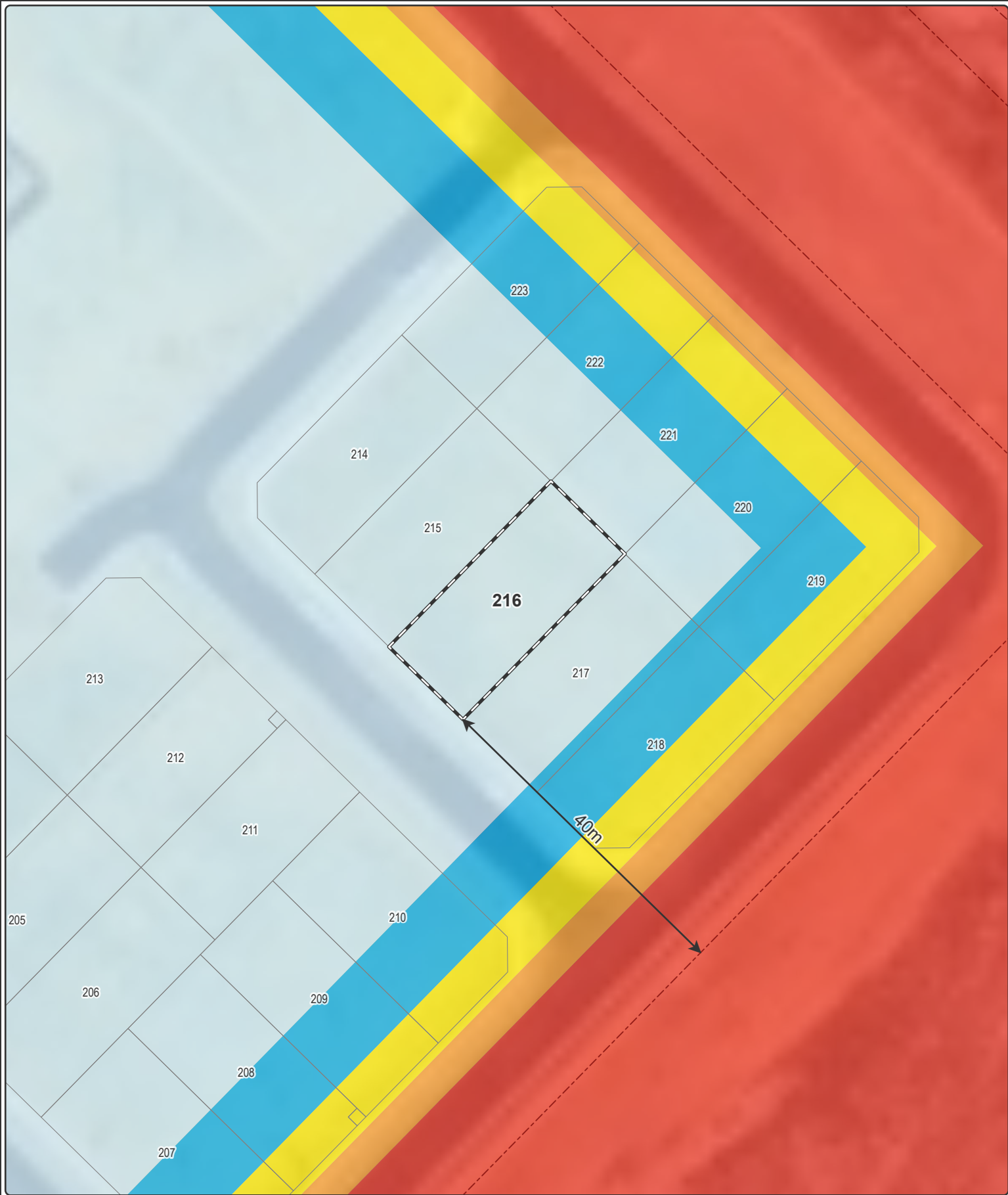
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023

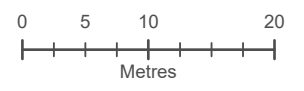


Bushfire Attack Level (BAL) Certificate - Lot 216 (BAL - 12.5)

- 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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 217, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	28 m	BAL - 19

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

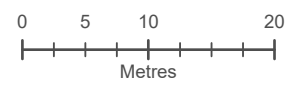


Bushfire Attack Level (BAL) Certificate - Lot 217 (*BAL - 19)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 218, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	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 218 (*BAL - 29)

-  Lot boundary *Intersects multiple BAL contours
-  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
22PER2824-RD Date: 16/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 219, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	14m (*inclusive 1 m set-back)	*BAL - 29 (*based on 1 m set-back)

Practitioner Details

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

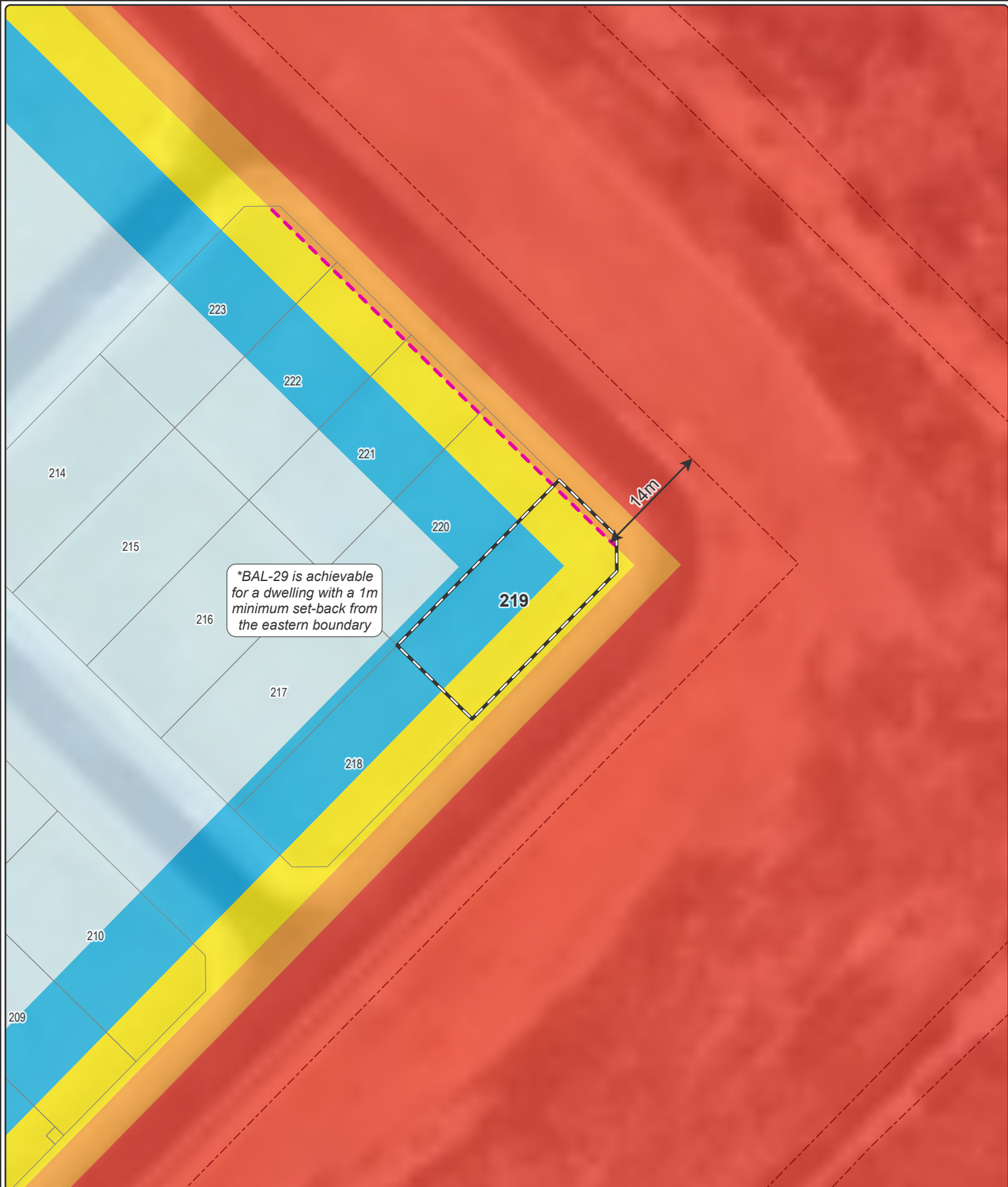
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



*BAL-29 is achievable for a dwelling with a 1m minimum set-back from the eastern boundary

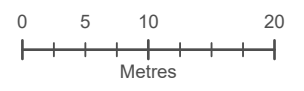
14m

Bushfire Attack Level (BAL) Certificate - Lot 219 (*BAL - 29 based on 1 m set-back)

- Lot boundary *Intersects multiple BAL contours
- Bushfire hazard interface
- Distance to bushfire hazard interface
- 1 m lot set-back

Bushfire Attack Level (BAL)

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



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2824-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 220, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	14m (*inclusive 1 m set-back)	*BAL - 29 (*based on 1 m set-back)

Practitioner Details

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

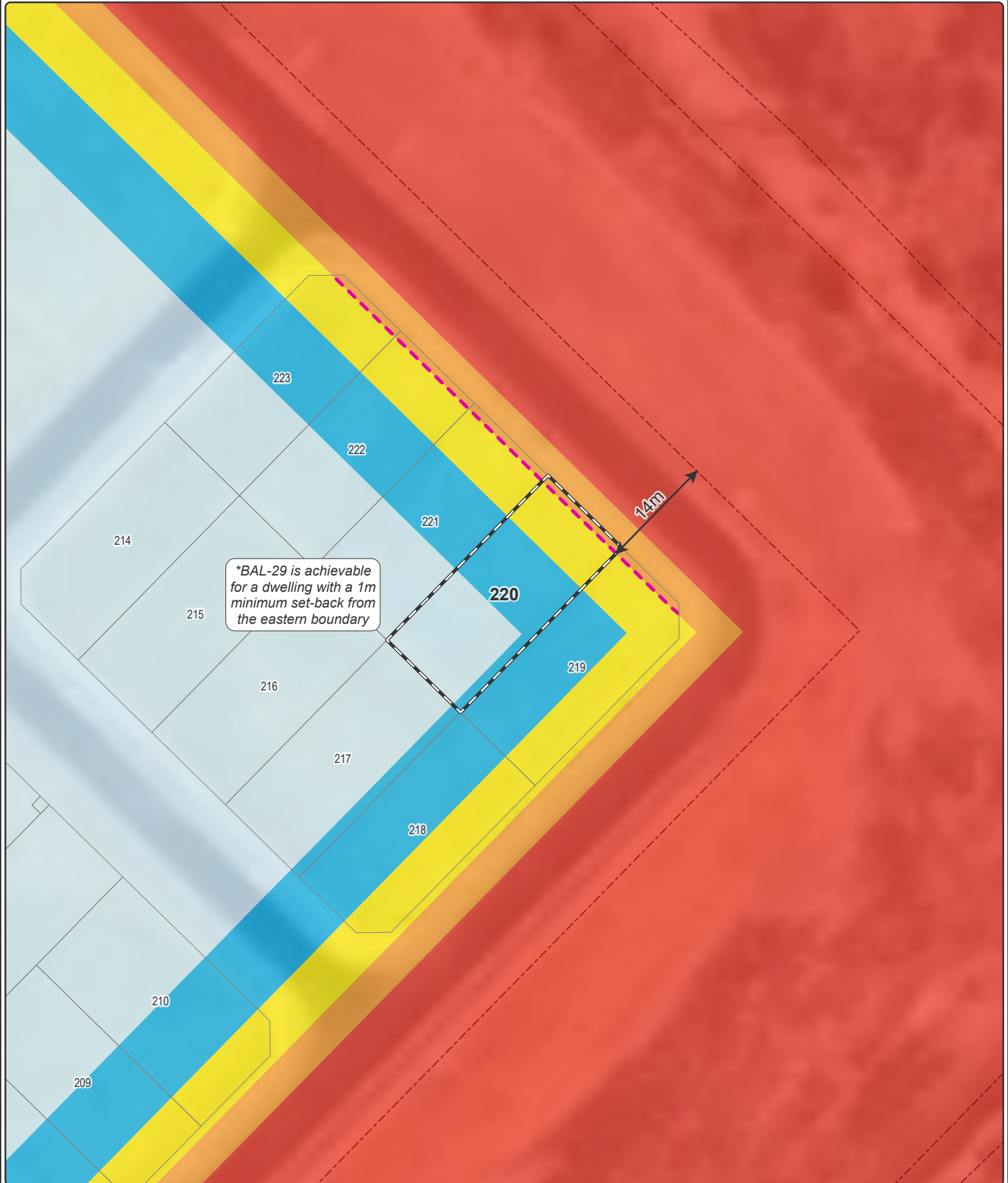
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



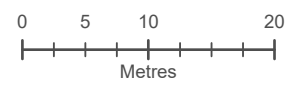
*BAL-29 is achievable for a dwelling with a 1m minimum set-back from the eastern boundary

14m

Bushfire Attack Level (BAL) Certificate - Lot 220 (*BAL - 29 based on 1 m set-back)

- Lot boundary *Intersects multiple BAL contours
- Bushfire hazard interface
- Distance to bushfire hazard interface
- 1 m lot set-back

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



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2824-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 221, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	14m (*inclusive 1 m set-back)	*BAL - 29 (*based on 1 m set-back)

Practitioner Details

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

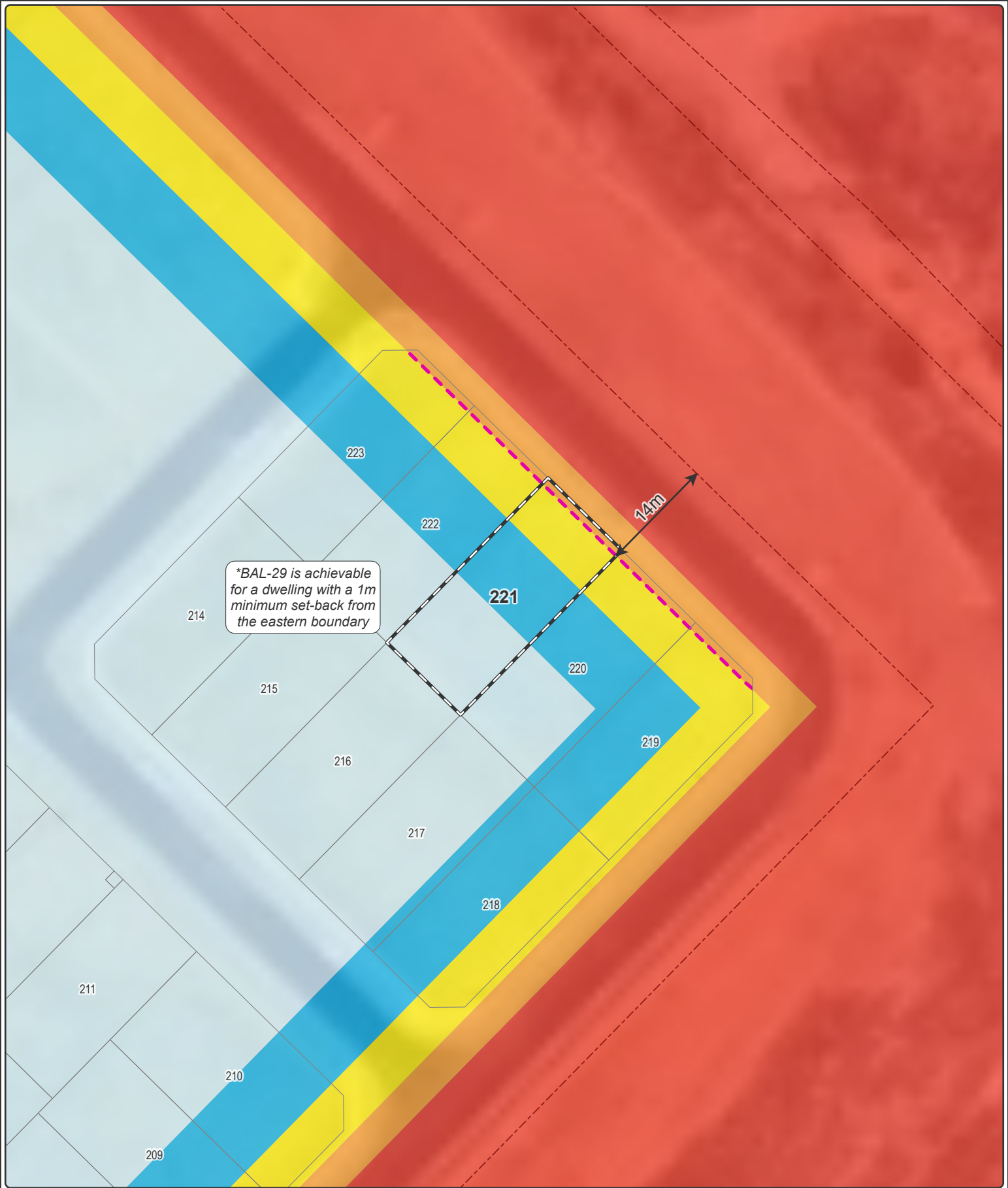
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



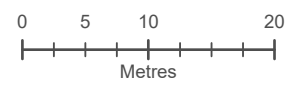
*BAL-29 is achievable for a dwelling with a 1m minimum set-back from the eastern boundary

14m

Bushfire Attack Level (BAL) Certificate - Lot 221 (*BAL - 29 based on 1 m set-back)

- Lot boundary *Intersects multiple BAL contours
- Bushfire hazard interface
- Distance to bushfire hazard interface
- 1 m lot set-back

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



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2824-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 222, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	14m (*inclusive 1 m set-back)	*BAL - 29 (*based on 1 m set-back)

Practitioner Details

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

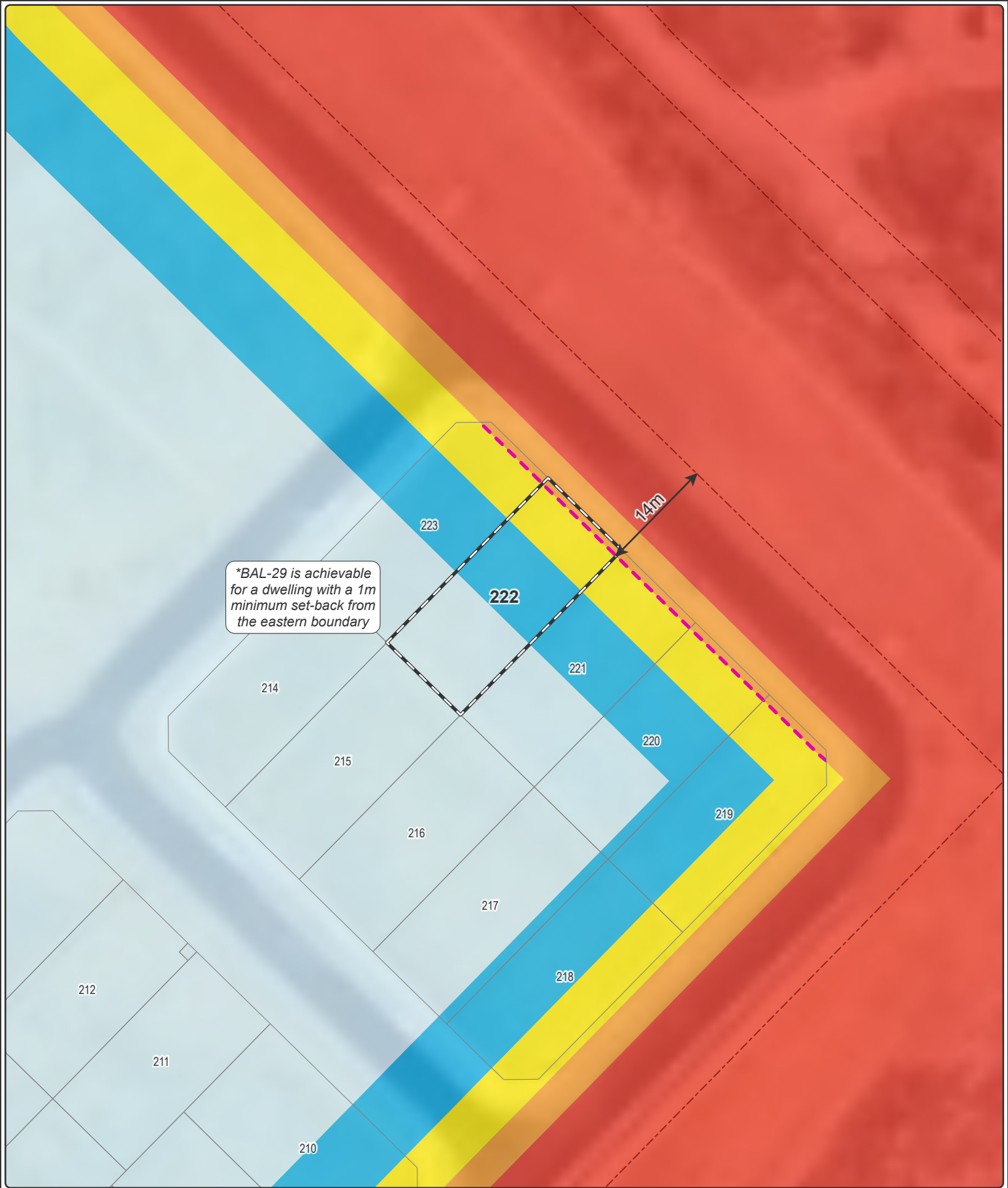
Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



*BAL-29 is achievable for a dwelling with a 1m minimum set-back from the eastern boundary

Bushfire Attack Level (BAL) Certificate - Lot 222 (*BAL - 29 based on 1 m set-back)

- Lot boundary *Intersects multiple BAL contours
- Bushfire hazard interface
- Distance to bushfire hazard interface
- 1 m lot set-back

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



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2824-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959: 2018

Site Details

Address:	Lot 223, Natures Edge Estate, Stage 3B		
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:	22PER2824 (Variation 1)	Report Date:	19/06/2023

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	14m (*inclusive 1 m set-back)	*BAL - 29 (*based on 1 m set-back)

Practitioner Details

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

Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 19/06/2023



Accreditation No: BPAD 37802
Accreditation Expiry: December 2023



*BAL-29 is achievable for a dwelling with a 1m minimum set-back from the eastern boundary

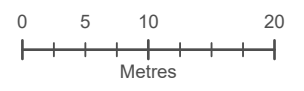
14m

Bushfire Attack Level (BAL) Certificate - Lot 223 (*BAL - 29 based on 1 m set-back)

- Lot boundary *Intersects multiple BAL contours
- Bushfire hazard interface
- Distance to bushfire hazard interface
- 1 m lot set-back

Bushfire Attack Level (BAL)

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



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2824-RD Date: 19/06/2023



Bushfire Attack Level (BAL) Assessment Report for Stage 3B, Natures Edge Estate, Southern River

Site Details

Address: Natures Edge Estate, Stage 3B (Lots 114-123, 204-223)

Suburb: Southern River, 6110 **State:** Western Australia

Local Government Area: City of Gosnells

Description of building works: Subdivision for residential dwellings

Report details

Report/Job number: 22PER2824 (Variation 1) **Report version:** v1

Assessment date: 21/11/2022 **Report date:** 19/06/2023

Author: Eva Cronin (BPAD Level 2 – 45482) **Review:** Daniel Panickar (BPAD Level 3-37802)



SITE ASSESSMENT AND SITE PLAN

Data from a recent site assessment undertaken on 21 November 2022 was utilised 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 subject site was classified in accordance with Clause 2.2.3 of AS 3959: 2018. Each distinguishable vegetation class with the potential to determine the BAL is identified below and presented in **Figure 1**.

Plot 1	Classification or Exclusion Clause	Class B Woodland
	Effective Slope	All upslopes and flat land (0 degrees)

Photo Point 1

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

The associated buffer area (foreground) is being 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.



Plot 1	Classification or Exclusion Clause	Class B Woodland
	Effective Slope	All upslopes and flat land (0 degrees)

Photo Point 2

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

This associated buffer area (foreground) 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.



Plot 2	Classification or Exclusion Clause	Class B Woodland
	Effective Slope	All upslopes and flat land (0 degrees)

Photo Point 3

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

This associated buffer 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.



Plot 1	Classification or Exclusion Clause	Class B Woodland
	Effective Slope	All upslopes and flat land (0 degrees)

Photo Point 4

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

This associated buffer area (foreground) 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.



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

Photo Point 5

This plot has been excluded under clause 2.2.3.2 (e) & (f) of AS 3959: 2018. This area comprises land cleared for development.



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

Photo Point 6

This plot has been excluded under clause 2.2.3.2 (e) & (f) of AS 3959: 2018. This area comprises land cleared for development.



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

Photo Point 7

This plot has been excluded under clause 2.2.3.2 (e) & (f) of AS 3959: 2018. This area comprises a maintained parkland area.



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 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				

DETERMINED BUSHFIRE ATTACK LEVEL (BAL)

The determined Bushfire Attack Level (highest BAL) for the lots 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-29	Lots 117-120, 207-210, 218, 219-223 (inclusive 1 m set-back)*	3 and 7
BAL-19	Lot 217	3 and 6
BAL-12.5	Lots 114-116, 121-123, 204-206, 211-213, 214-216	3 and 5



**Highest BAL rating intersecting lots 219 to 223 is BAL-40, however, a BAL-29 can be achieved for dwellings on these lots with a 1 m set-back from the front (east) boundary of the lot.*

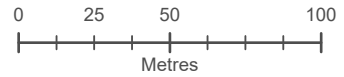
Note: This BAL rating is based on the information current at the date of this document and is valid for 12 months.



Figure 1: Vegetation Classification

-  Subject site
-  100m site assessment
-  150m site assessment
-  Photo location
-  Contour (2m)

- Vegetation classification**
-  Class B Woodland
 -  Excluded as per clause 2.2.3.2 (e) and (f)



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2824-ED Date: 15/06/2023



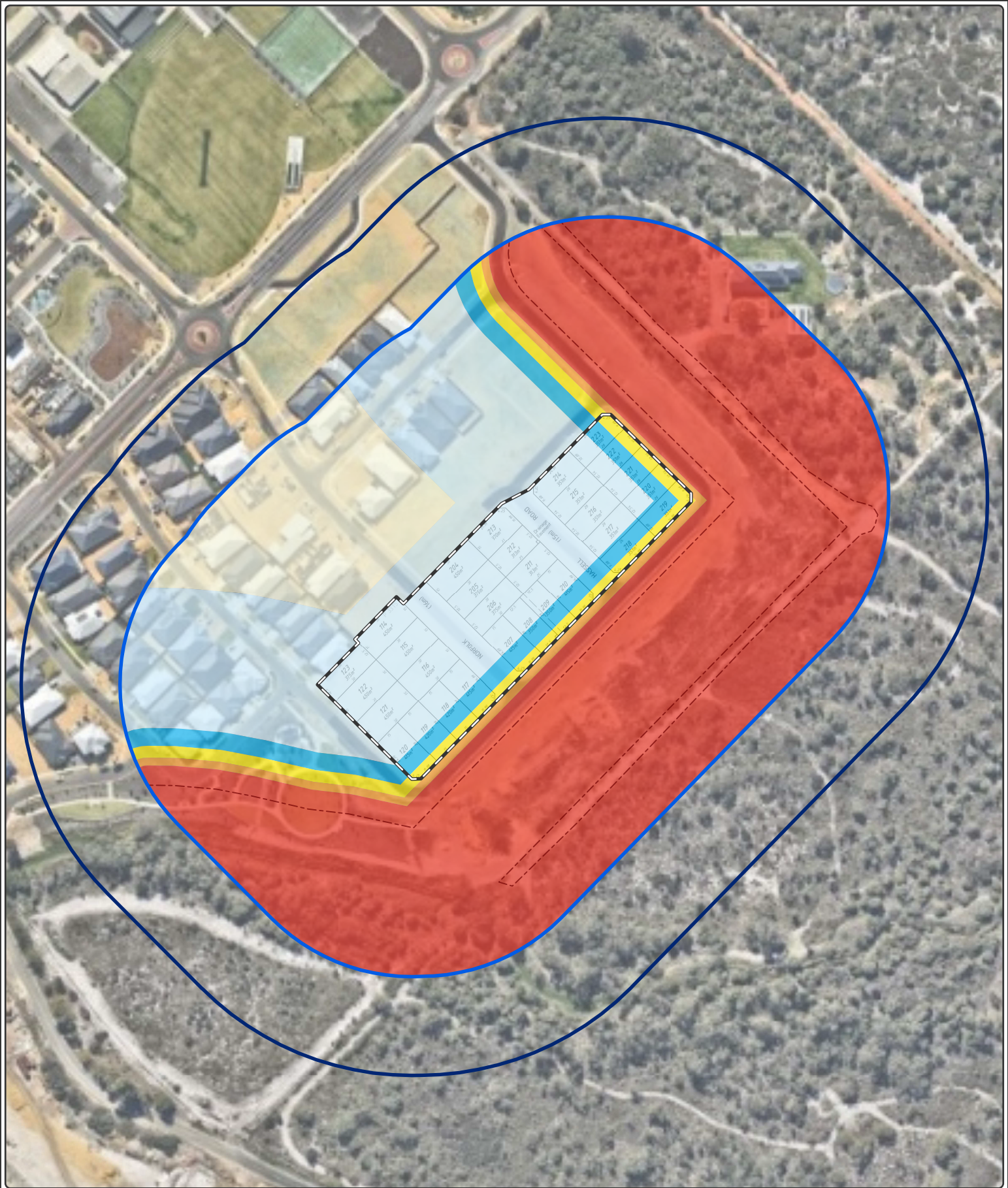










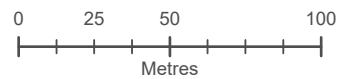


Figure 2: Bushfire Attack Level (BAL) Contours

-  Subject site
-  100m site assessment
-  150m site assessment
-  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
22PER2824-ED Date: 15/06/2023



Appendix A – Additional Information / Advisory Notes

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

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

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

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

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