

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 101, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	101 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

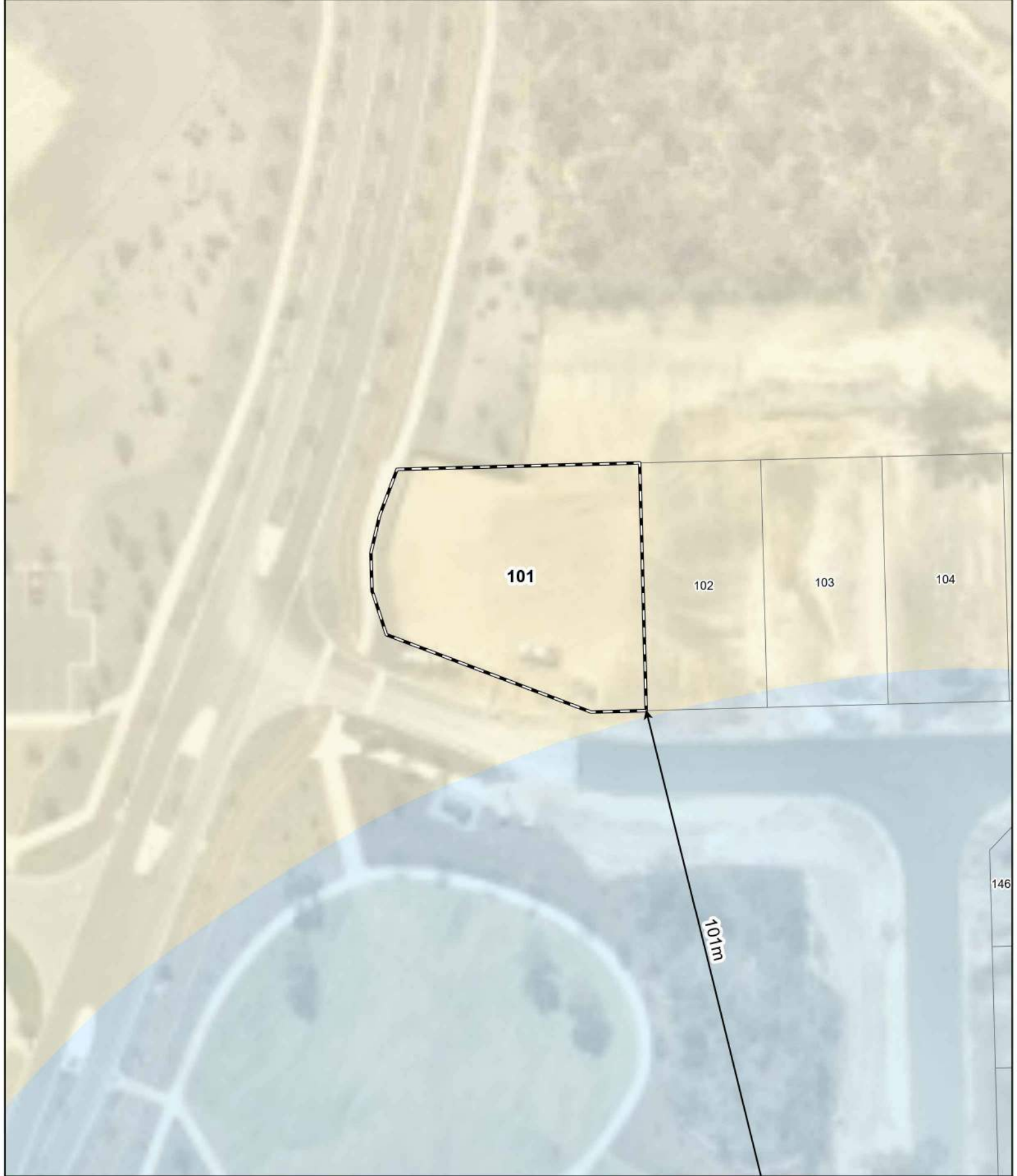
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

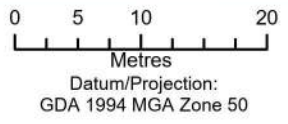
Bushfire Attack Level (BAL) Contours - Lot 101 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 102, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	98 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

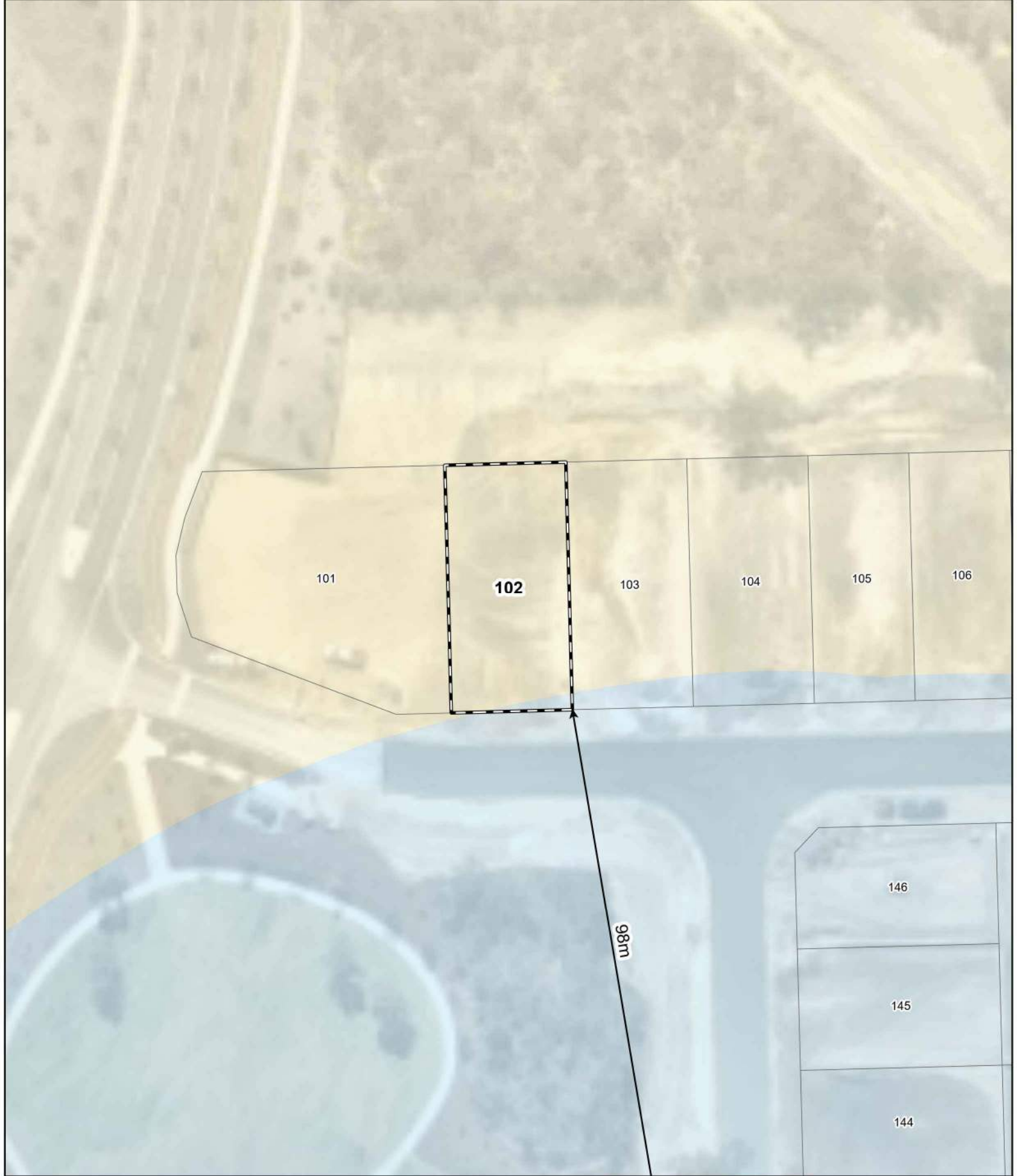
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

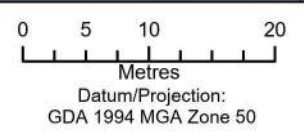
Bushfire Attack Level (BAL) Contours - Lot 102 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 103, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	96 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

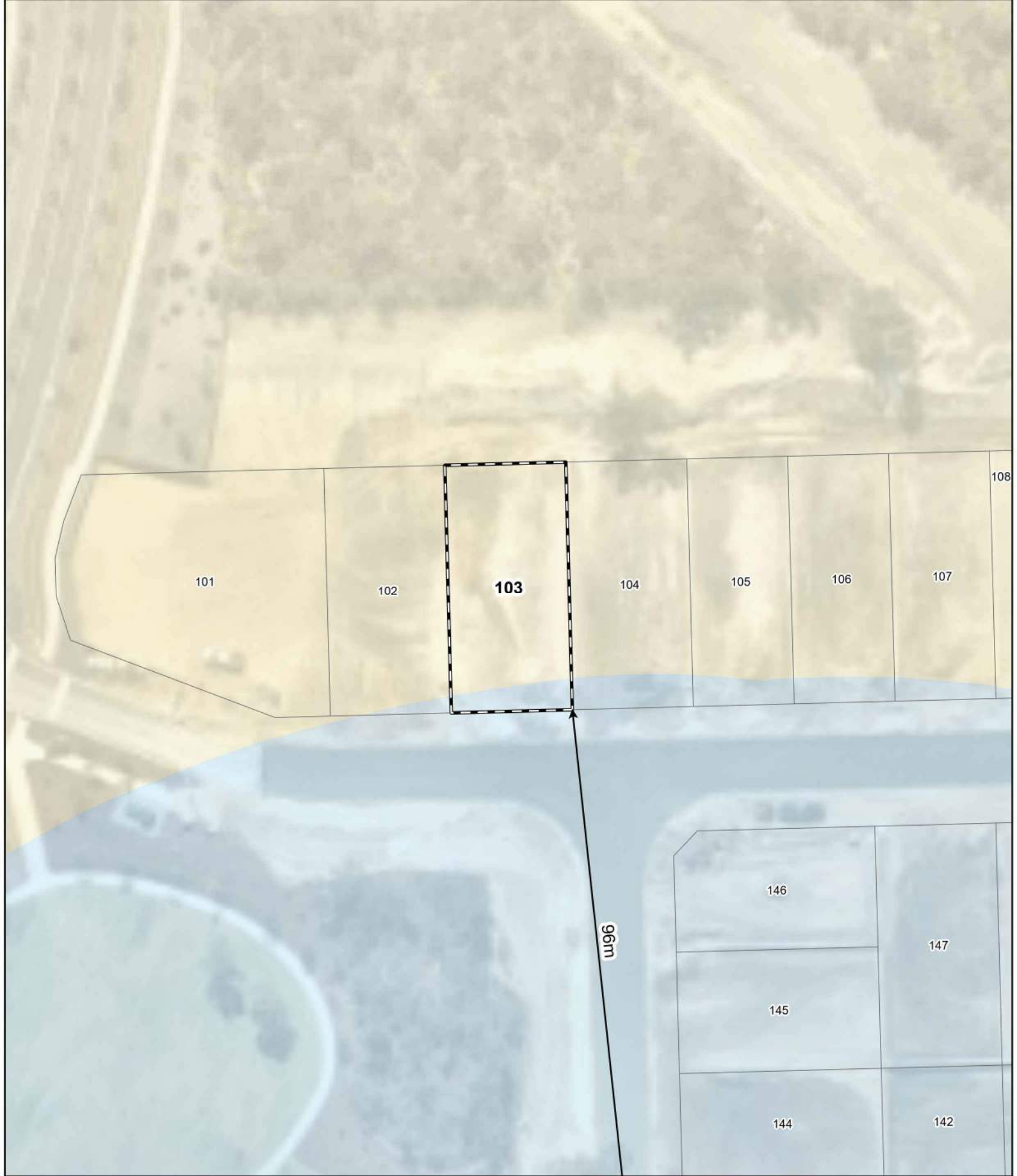
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

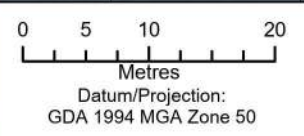
Bushfire Attack Level (BAL) Contours - Lot 103 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 104, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	96 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

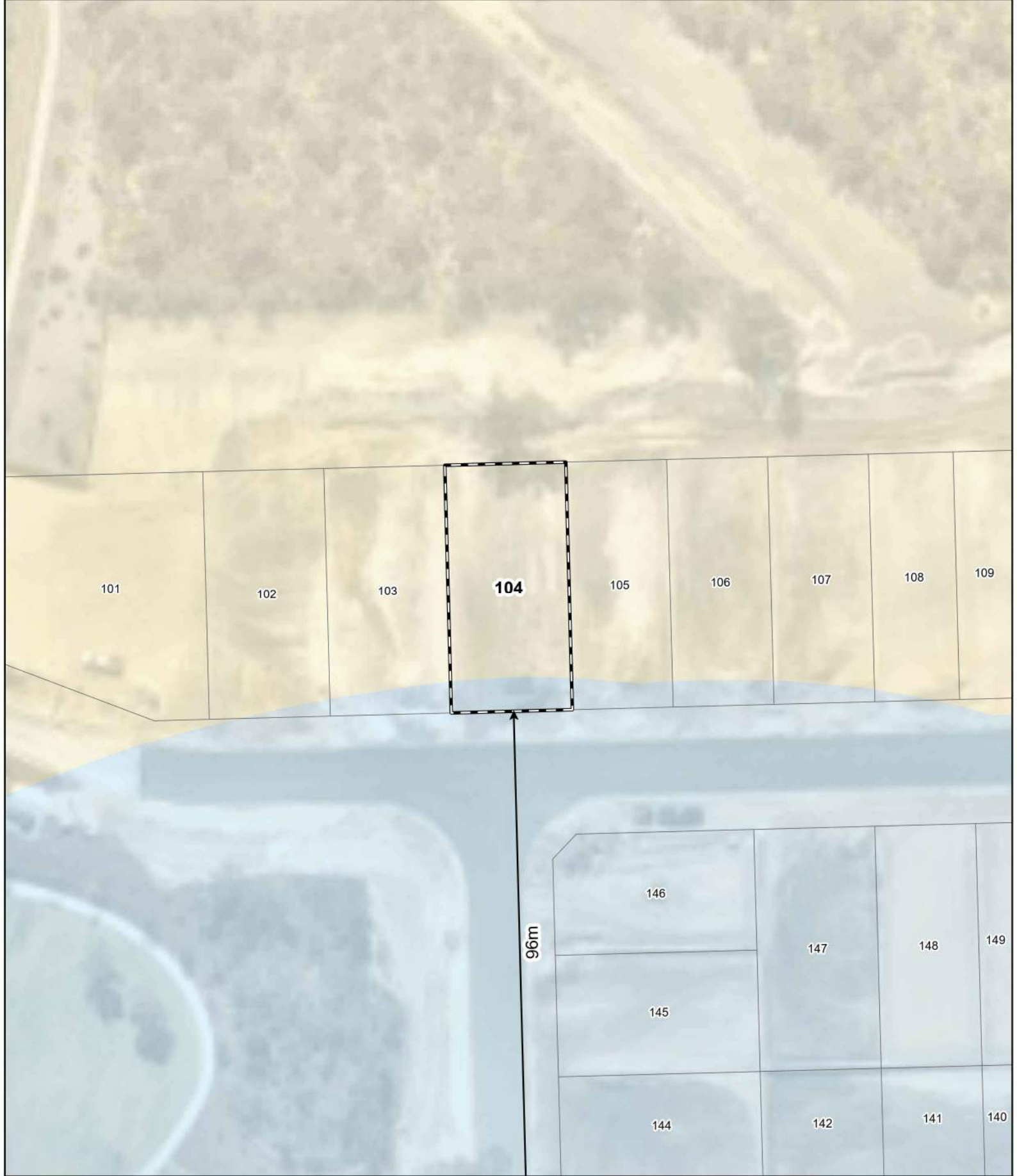
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

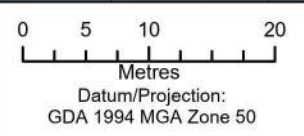
Bushfire Attack Level (BAL) Contours - Lot 104 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 105, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	96 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

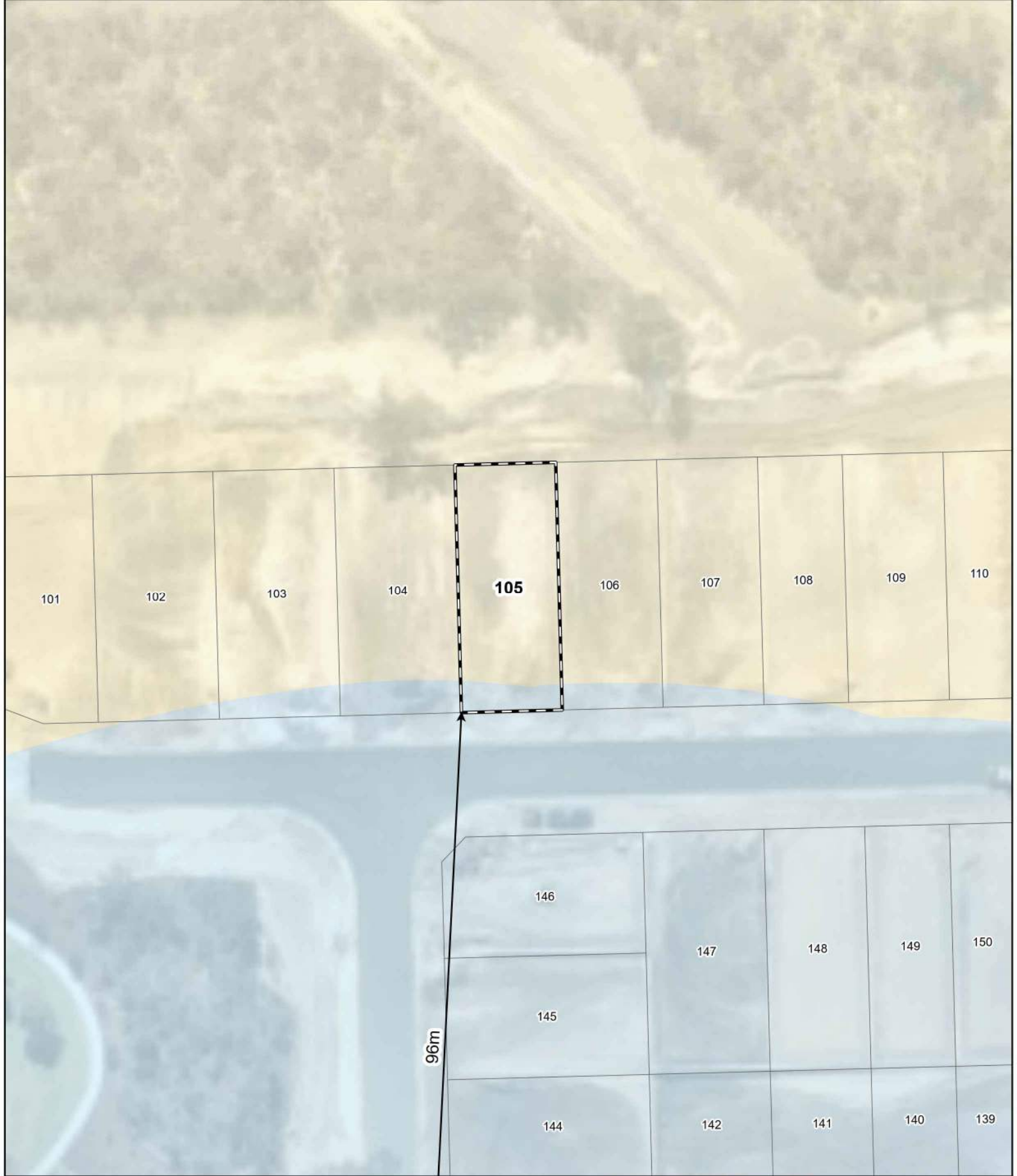
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

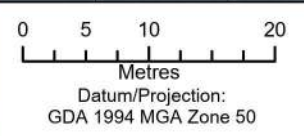
Bushfire Attack Level (BAL) Contours - Lot 105 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 106, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	97 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

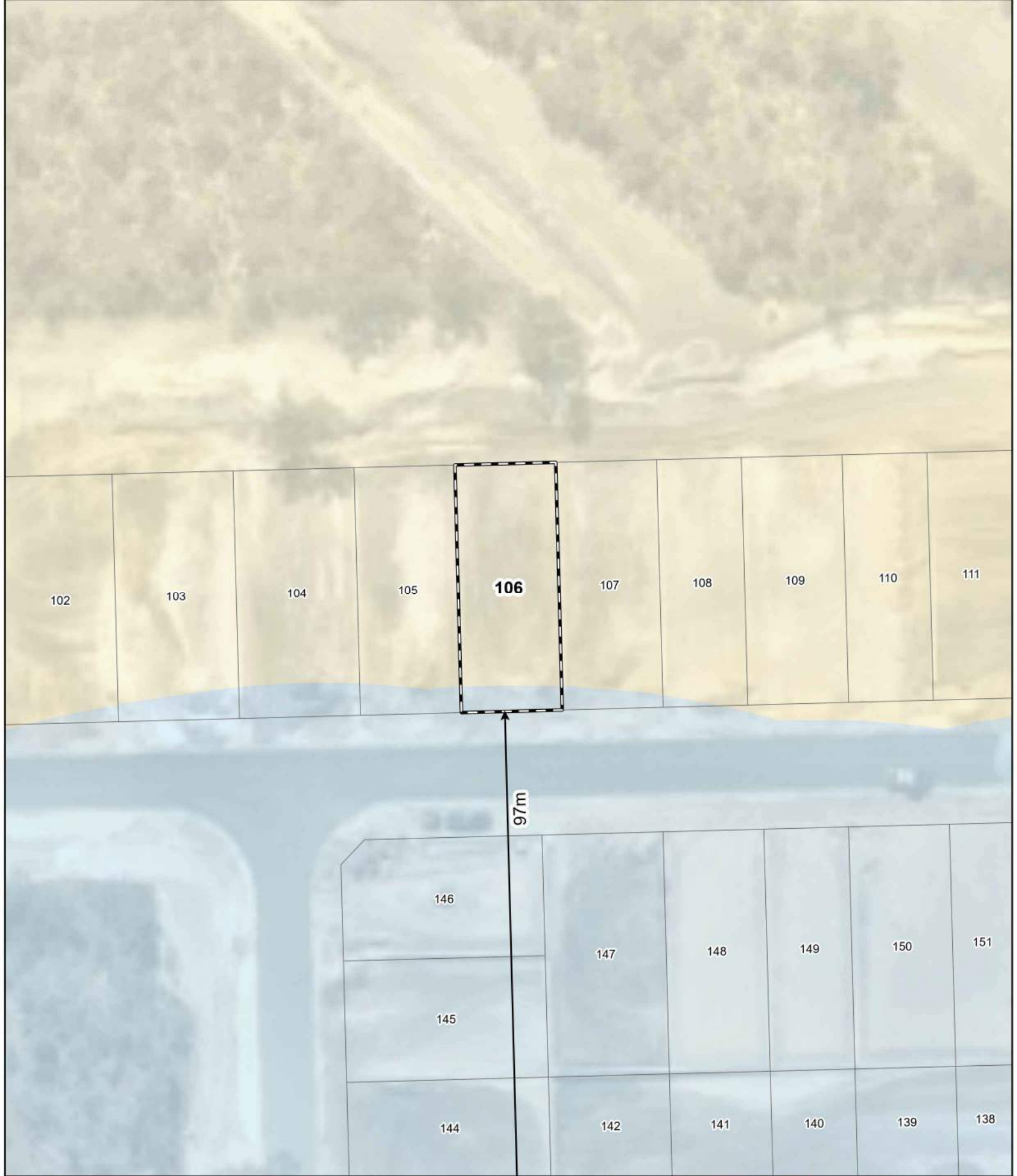
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

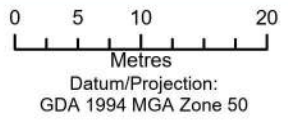
Bushfire Attack Level (BAL) Contours - Lot 106 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 107, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	97 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

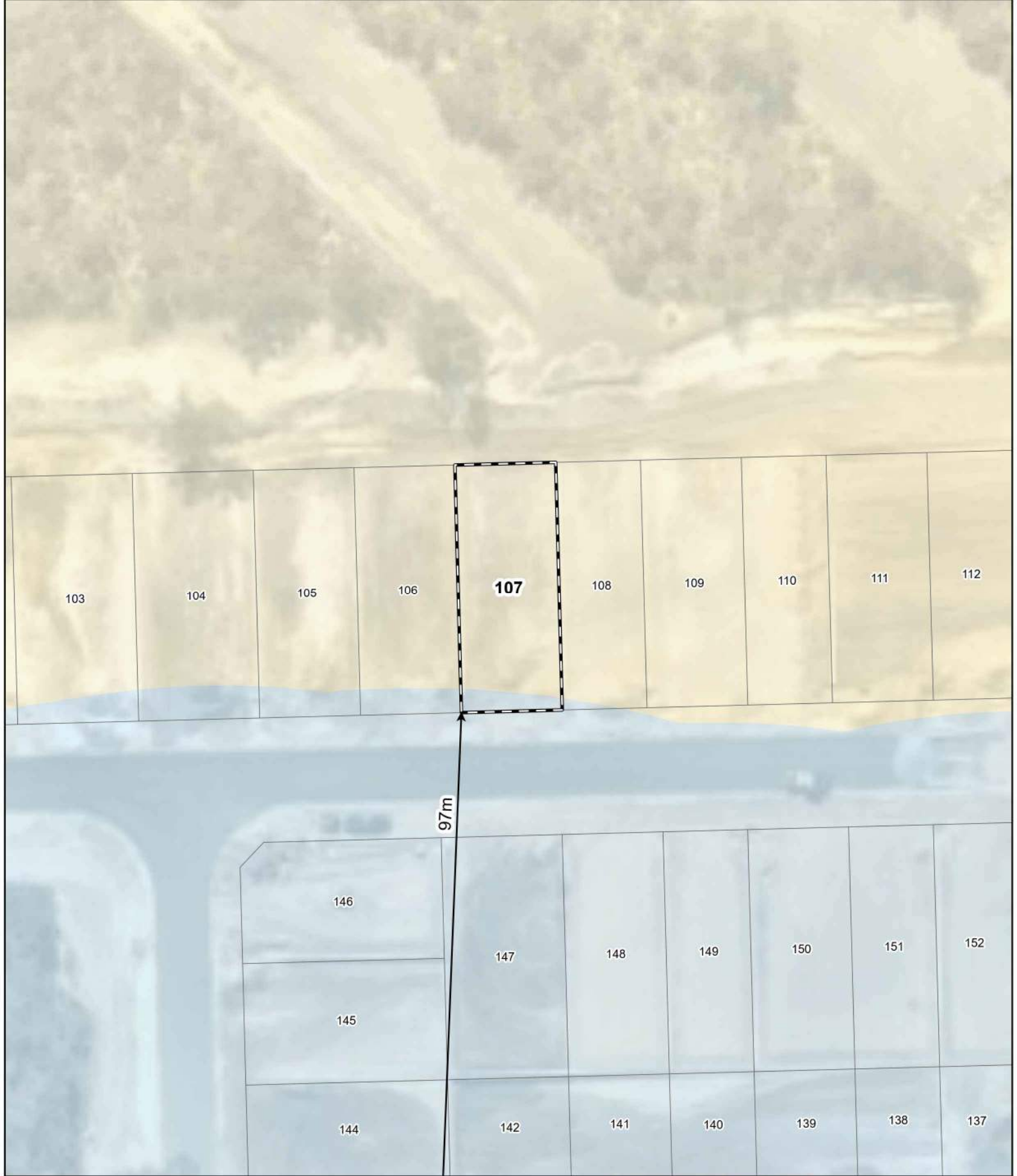
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

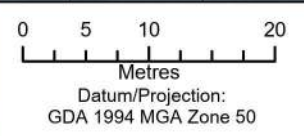
Bushfire Attack Level (BAL) Contours - Lot 107 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 108, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	99 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

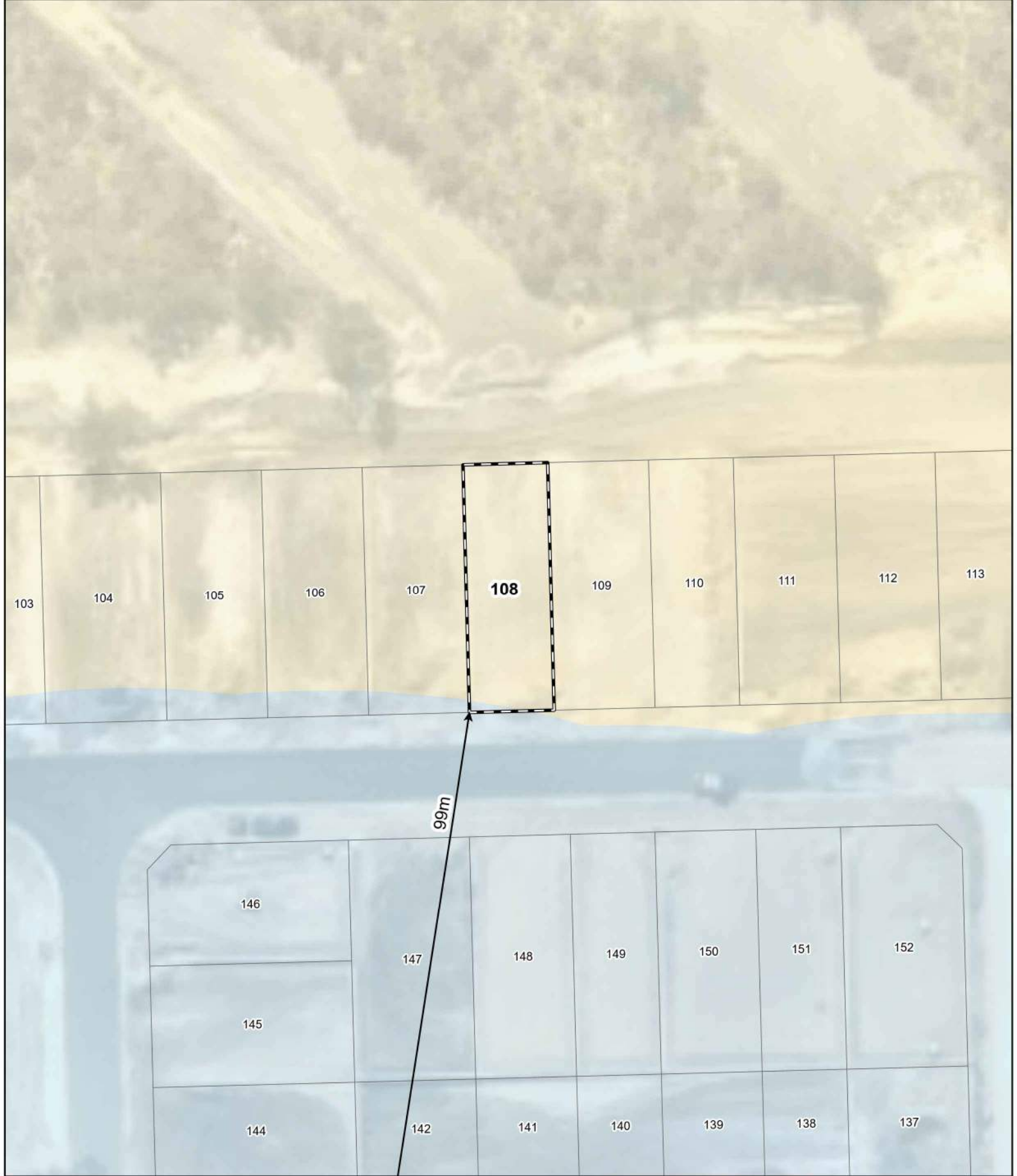
Signature: 






Certificate Date: 17/11/2020









Accreditation No: BPAD 37802
Expiry: December 2021

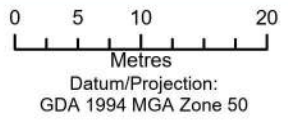
Bushfire Attack Level (BAL) Contours - Lot 108 (*BAL - 12.5)



- Legend**
-  100m site assessment
 -  150m site assessment
 -  Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 109, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	101 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

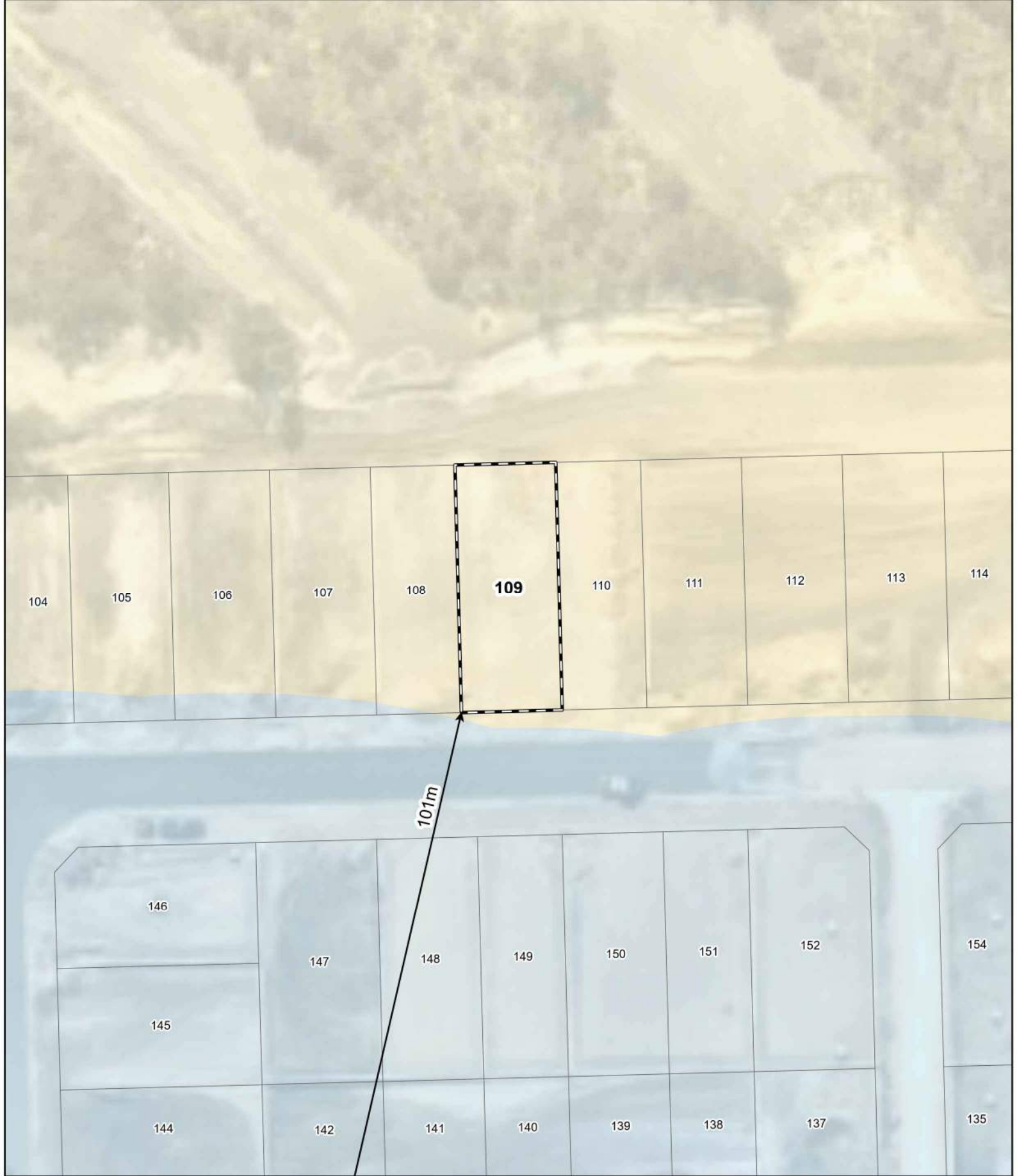
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

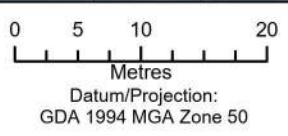
Bushfire Attack Level (BAL) Contours - Lot 109 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 110, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	102 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

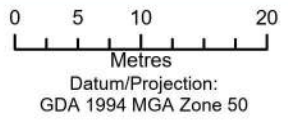
Bushfire Attack Level (BAL) Contours - Lot 110 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 111, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	102 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

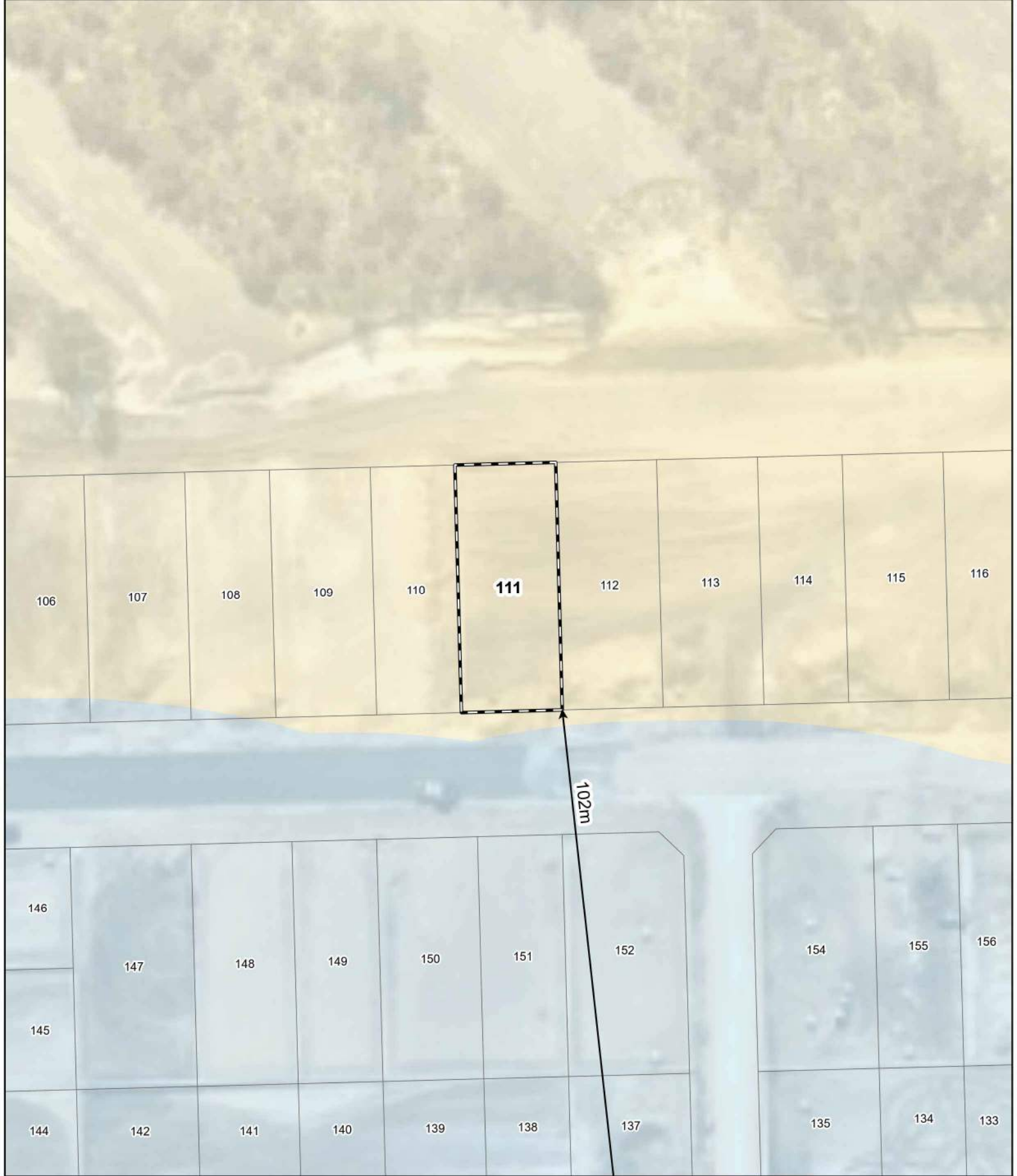
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

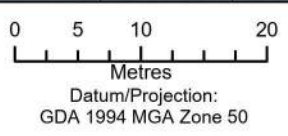
Bushfire Attack Level (BAL) Contours - Lot 111 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 112, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	102 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

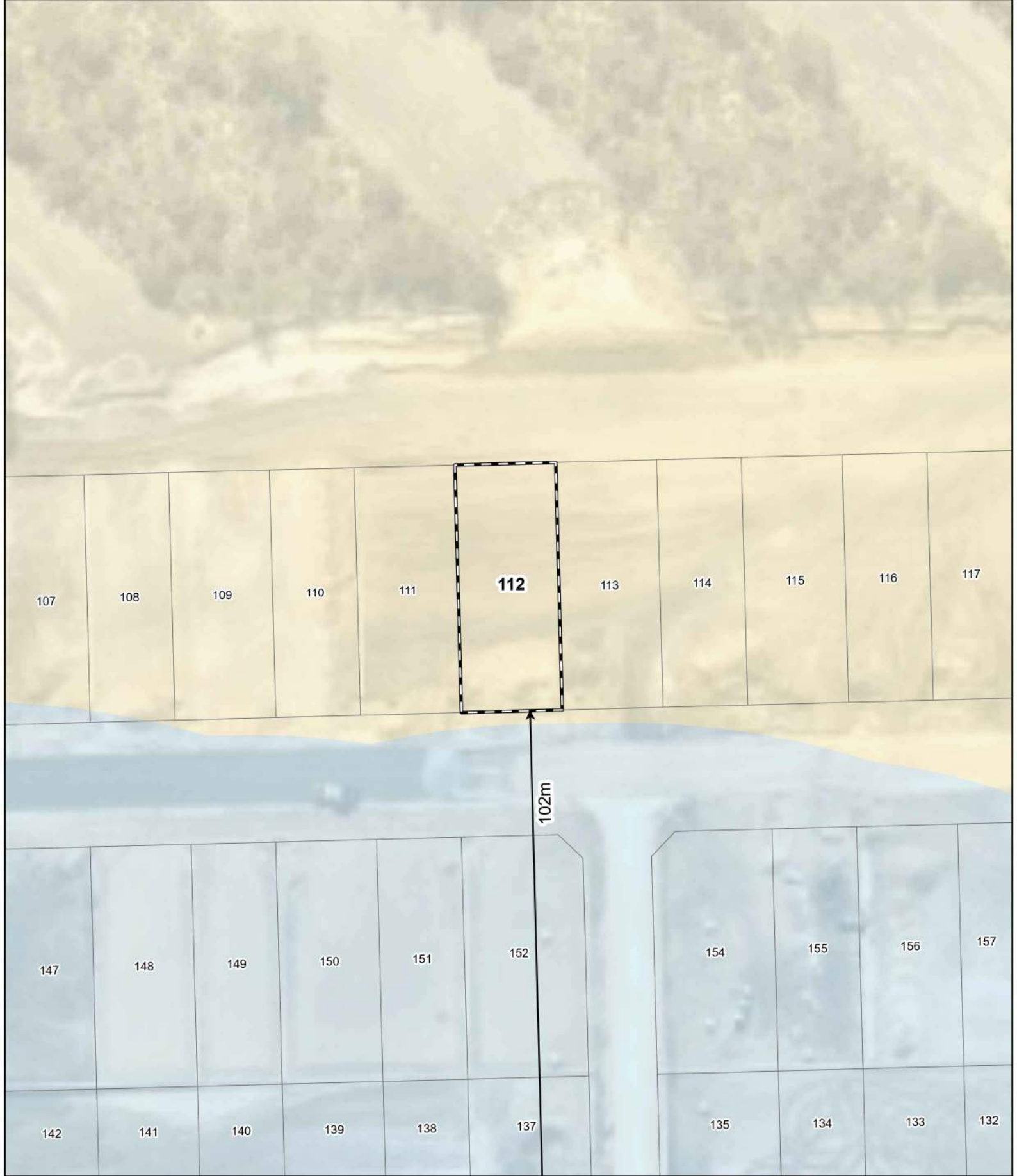
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

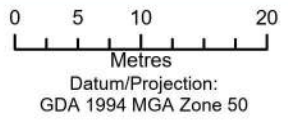
Bushfire Attack Level (BAL) Contours - Lot 112 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 113, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	102 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

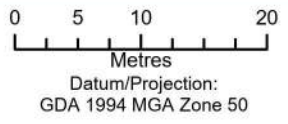
Bushfire Attack Level (BAL) Contours - Lot 113 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 114, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	102 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

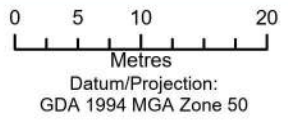
Bushfire Attack Level (BAL) Contours - Lot 114 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 115, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

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

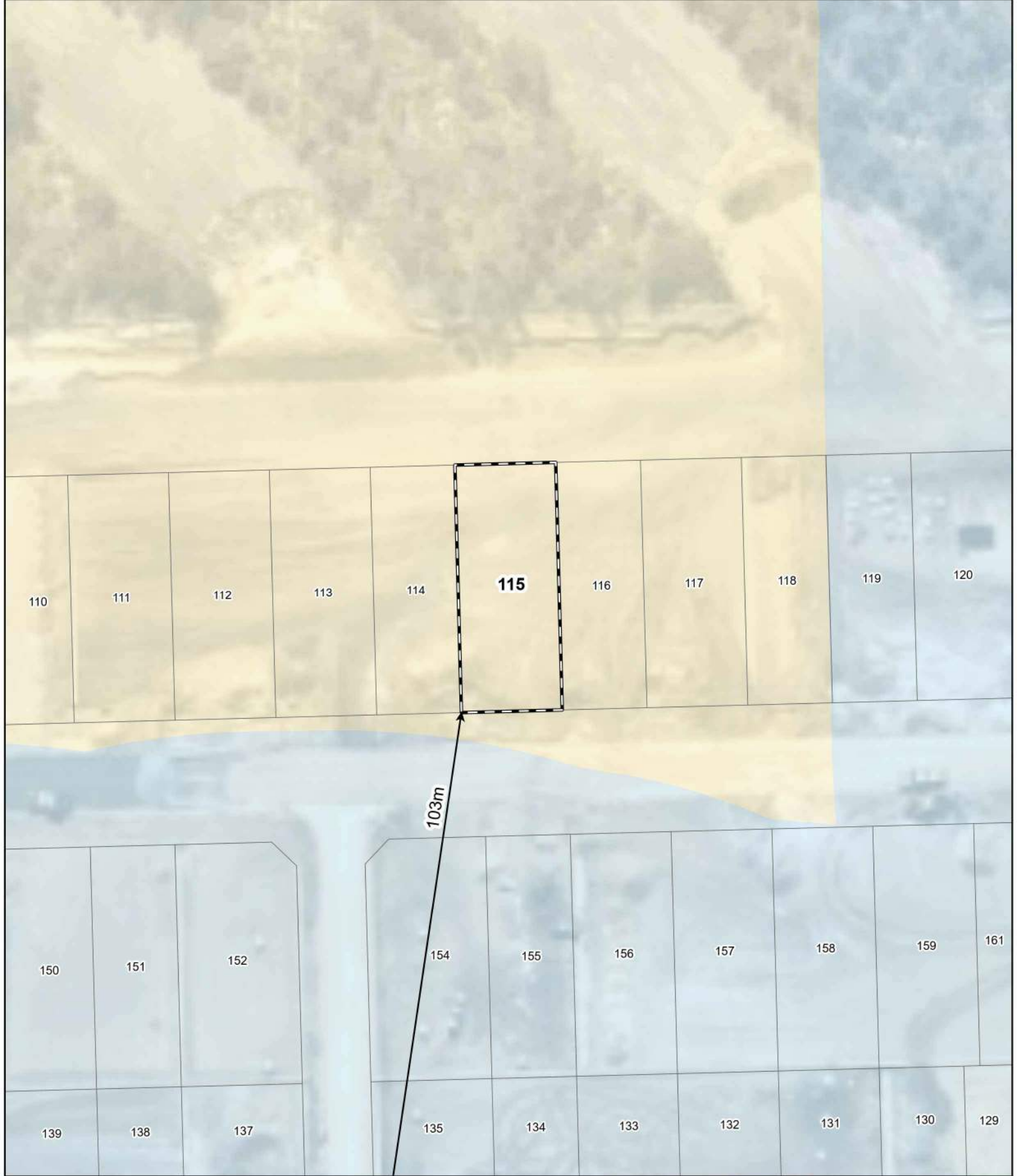
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

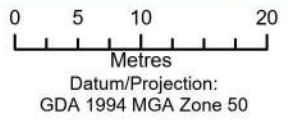
Bushfire Attack Level (BAL) Contours - Lot 115 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 116, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	106 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

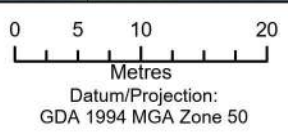
Bushfire Attack Level (BAL) Contours - Lot 116 (BAL - LOW)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 117, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	109 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: 17/11/2020









Accreditation No: BPAD 37802
Expiry: December 2021

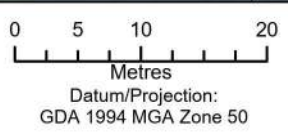
Bushfire Attack Level (BAL) Contours - Lot 117 (BAL - LOW)



- Legend**
-  100m site assessment
 -  150m site assessment
 -  Lot location
 -  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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 118, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	100 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

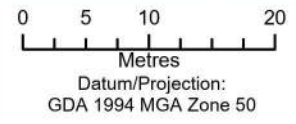
Bushfire Attack Level (BAL) Contours - Lot 118 (*BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 119, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	89 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

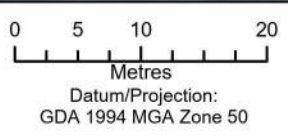
Bushfire Attack Level (BAL) Contours - Lot 119 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 120, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	77 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

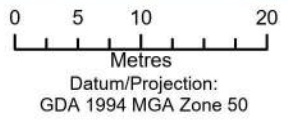
Bushfire Attack Level (BAL) Contours - Lot 120 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 121, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	66 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

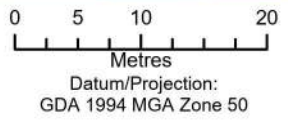
Bushfire Attack Level (BAL) Contours - Lot 121 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 122, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	54 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

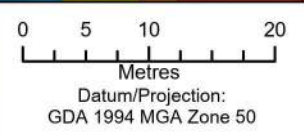
Bushfire Attack Level (BAL) Contours - Lot 122 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 123, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

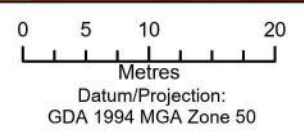
Bushfire Attack Level (BAL) Contours - Lot 123 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 124, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	31 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

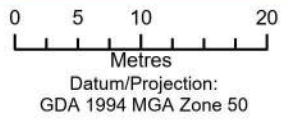
Bushfire Attack Level (BAL) Contours - Lot 124 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 125, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	0 m	BAL - FZ

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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

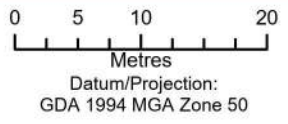
Bushfire Attack Level (BAL) Contours - Lot 125 (*BAL - FZ)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 126, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	32 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: 17/11/2020



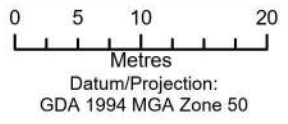
Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 126 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 127, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

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

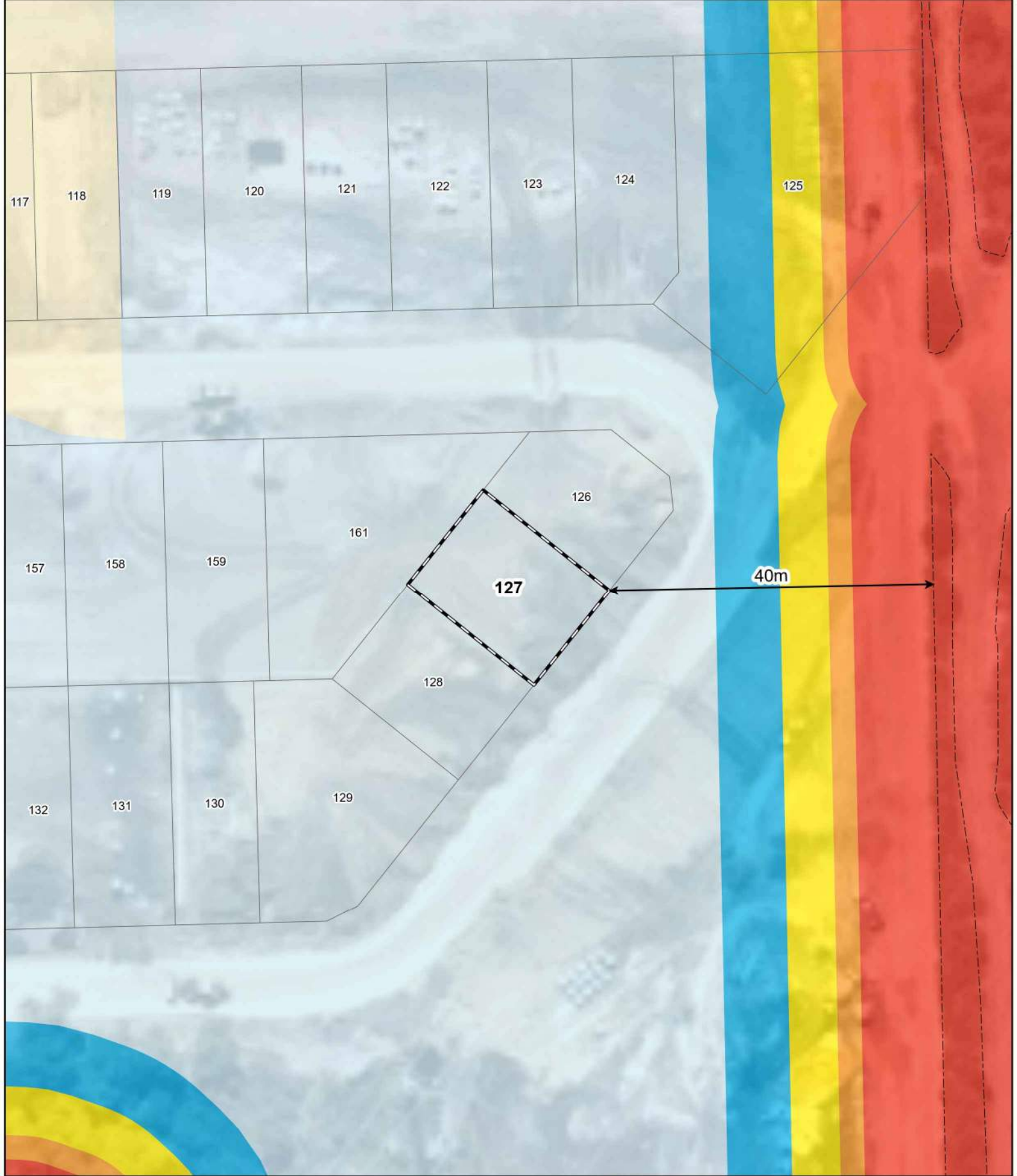
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

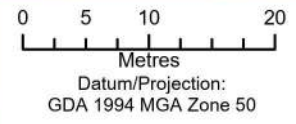
Bushfire Attack Level (BAL) Contours - Lot 127 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 128, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	50 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

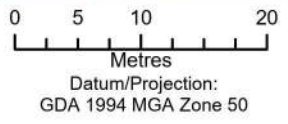
Bushfire Attack Level (BAL) Contours - Lot 128 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 129, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	48 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

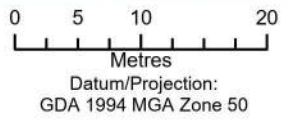
Bushfire Attack Level (BAL) Contours - Lot 129 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 130, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

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

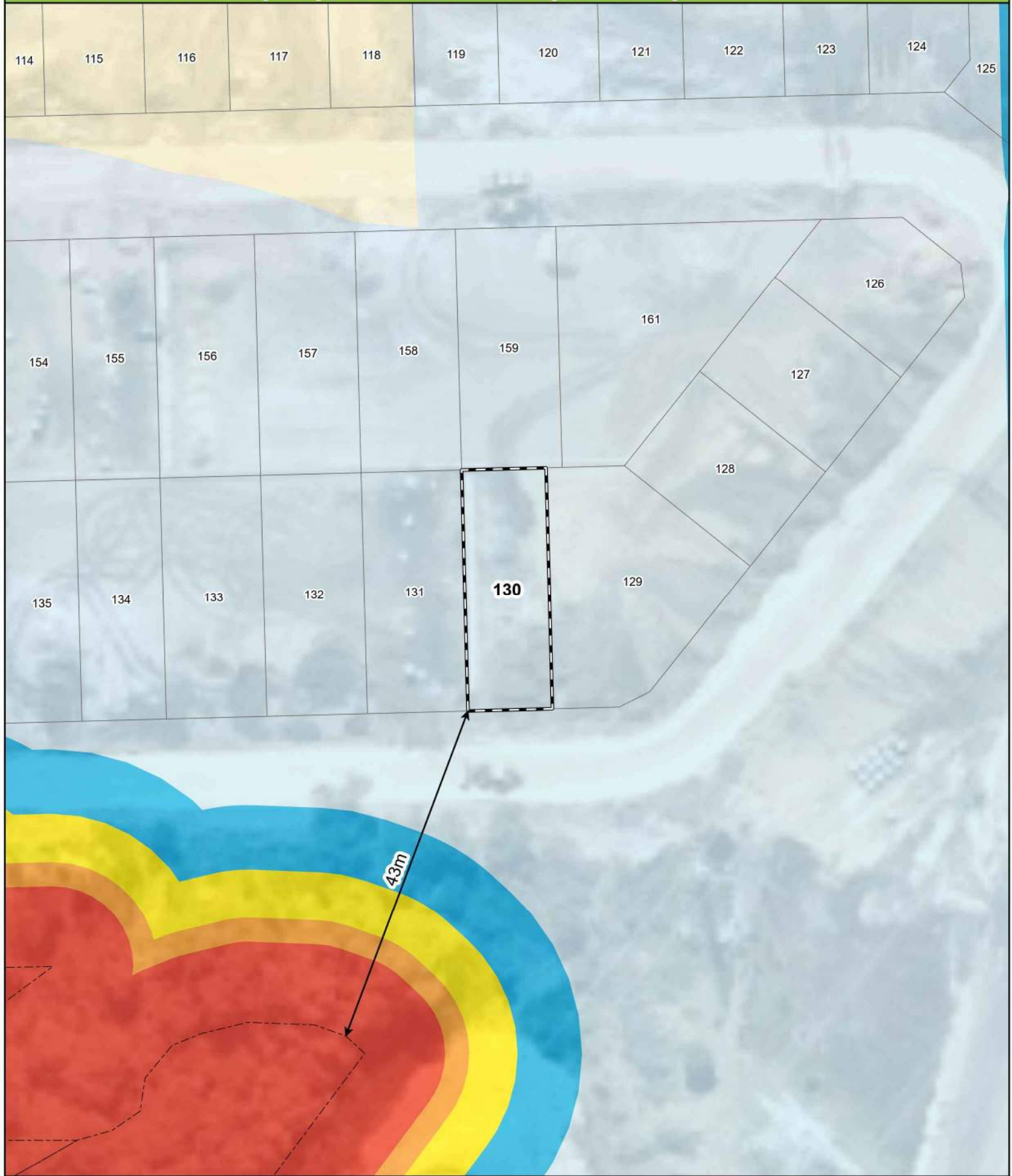
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

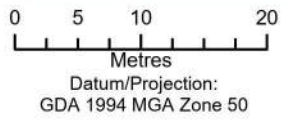
Bushfire Attack Level (BAL) Contours - Lot 130 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 131, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	39 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

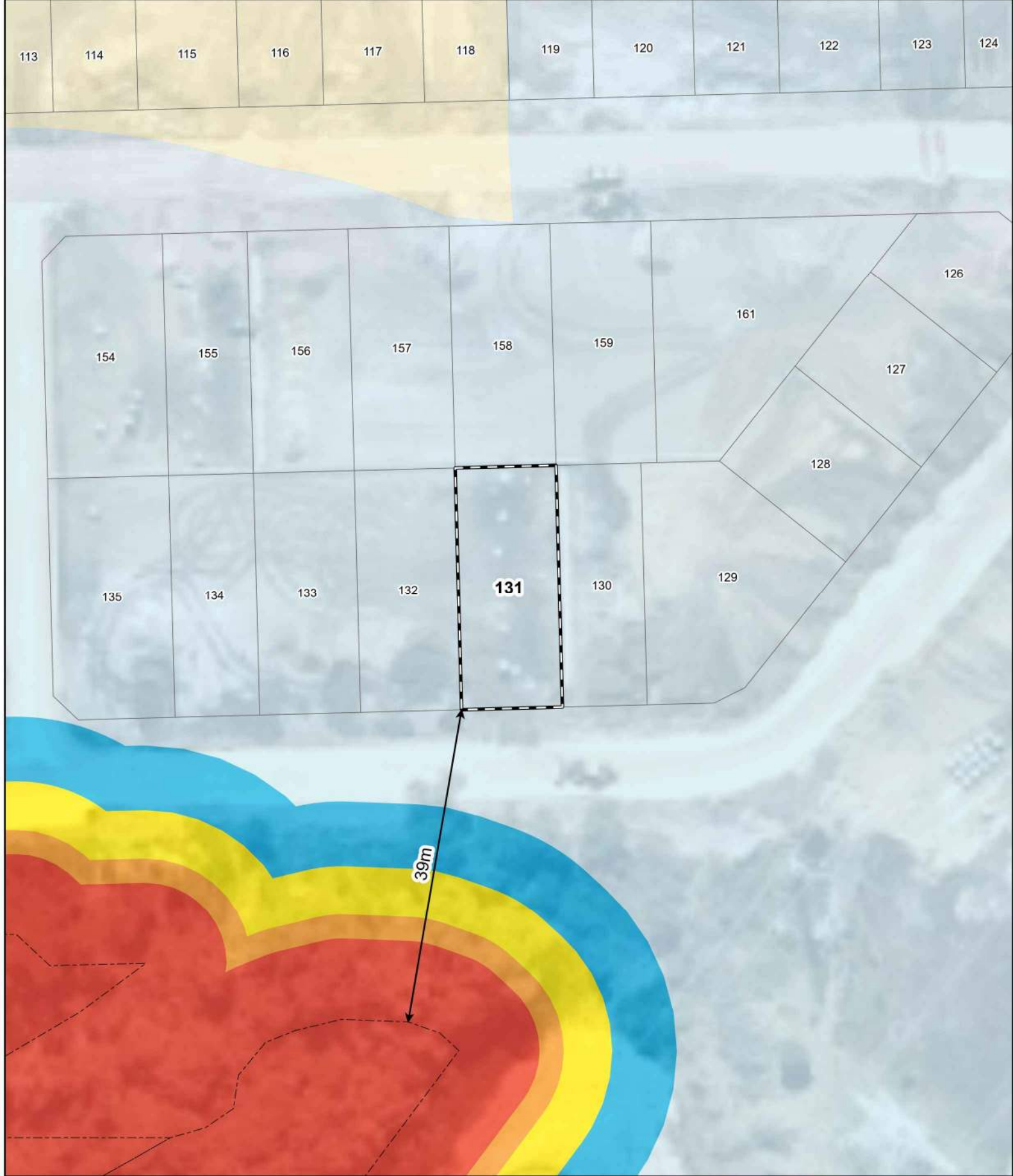
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

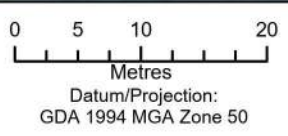
Bushfire Attack Level (BAL) Contours - Lot 131 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 132, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

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

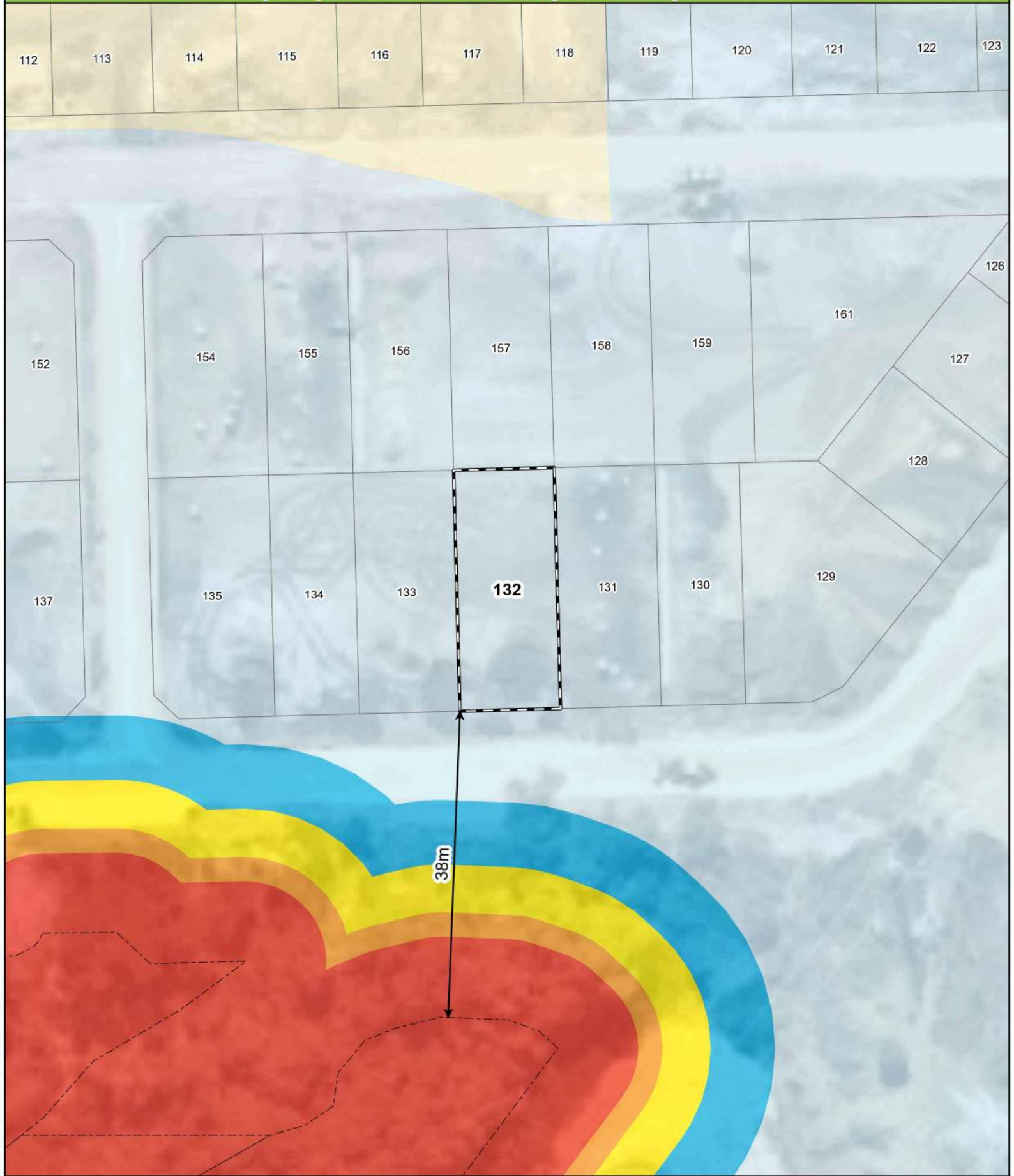
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 132 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



0 5 10 20
Metres
Datum/Projection:
GDA 1994 MGA Zone 50



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 133, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	34 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

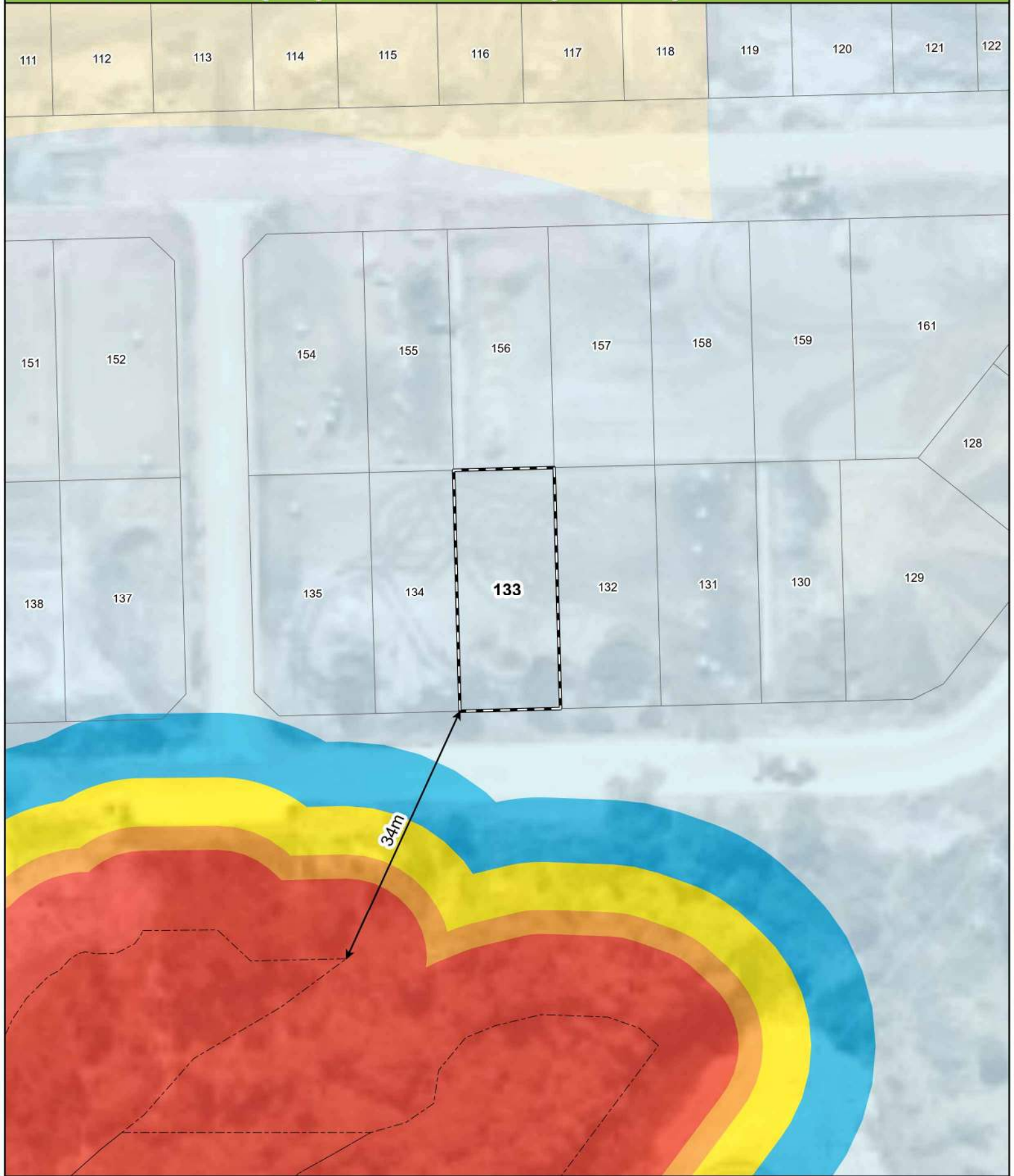
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

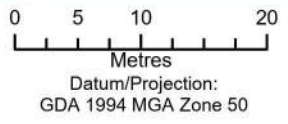
Bushfire Attack Level (BAL) Contours - Lot 133 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 134, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	31 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

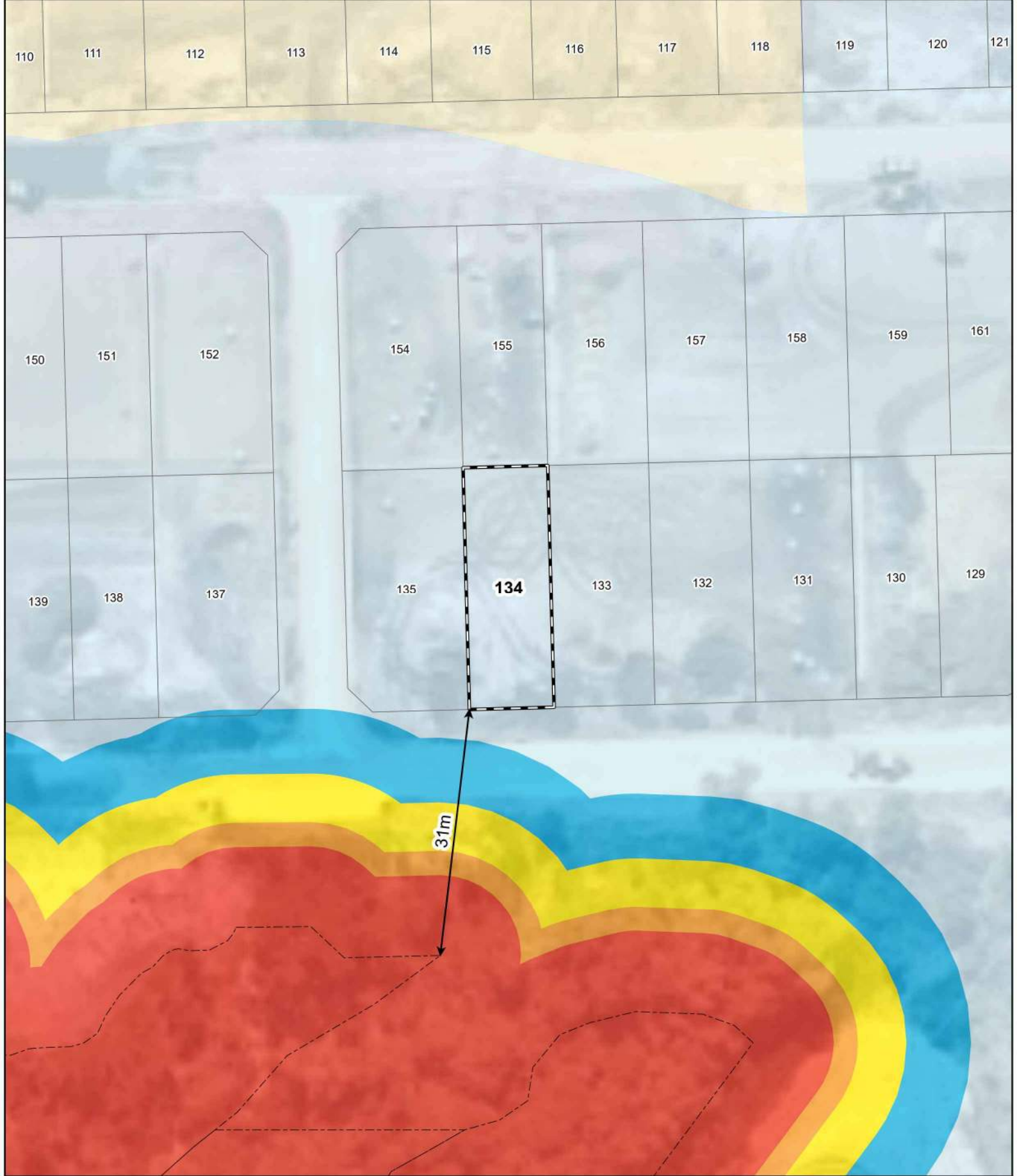
Signature: 

Certificate Date: 17/11/2020



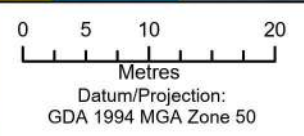
Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 134 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 135, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	28 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

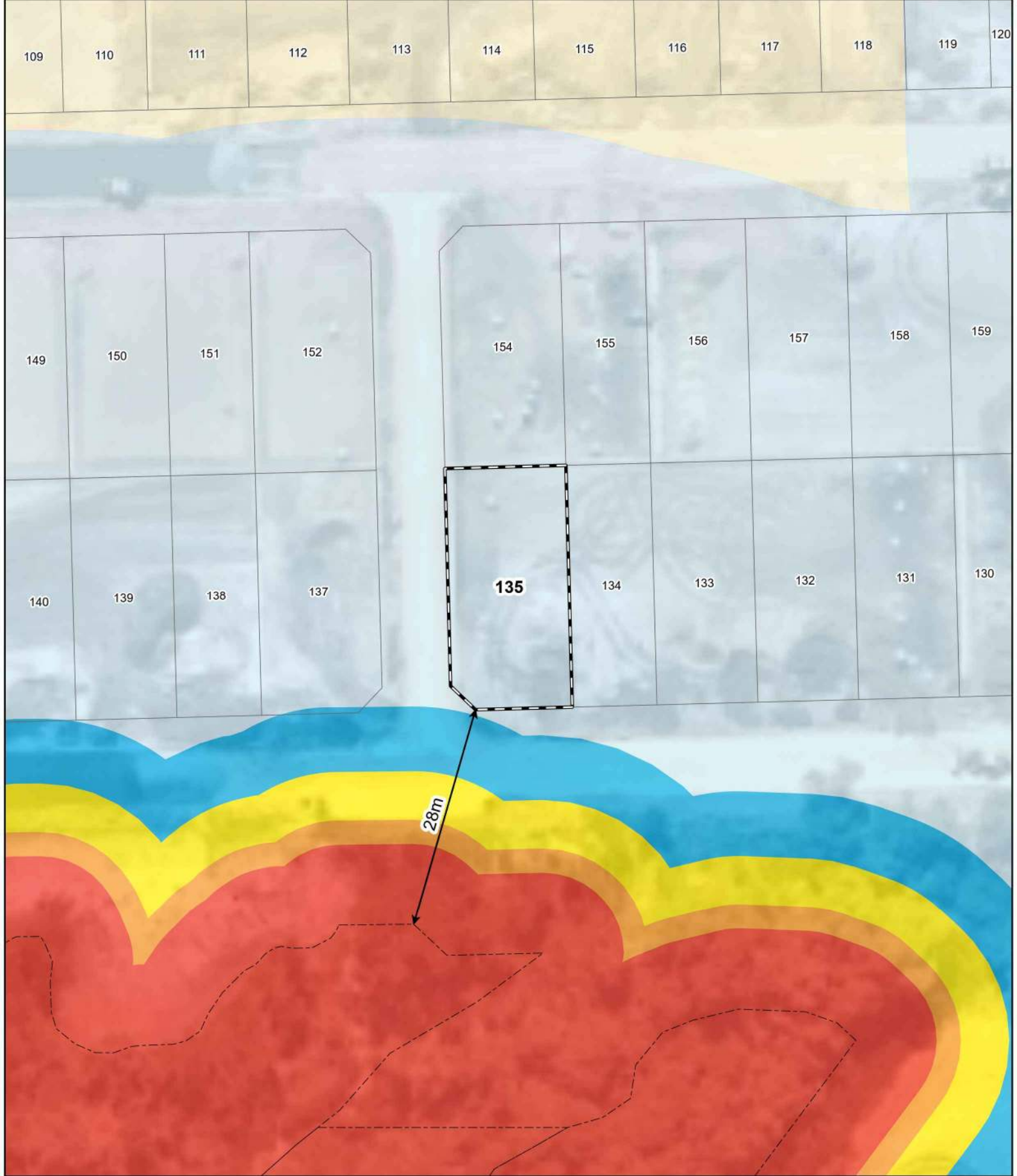
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

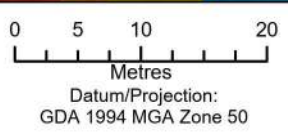
Bushfire Attack Level (BAL) Contours - Lot 135 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 137, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

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

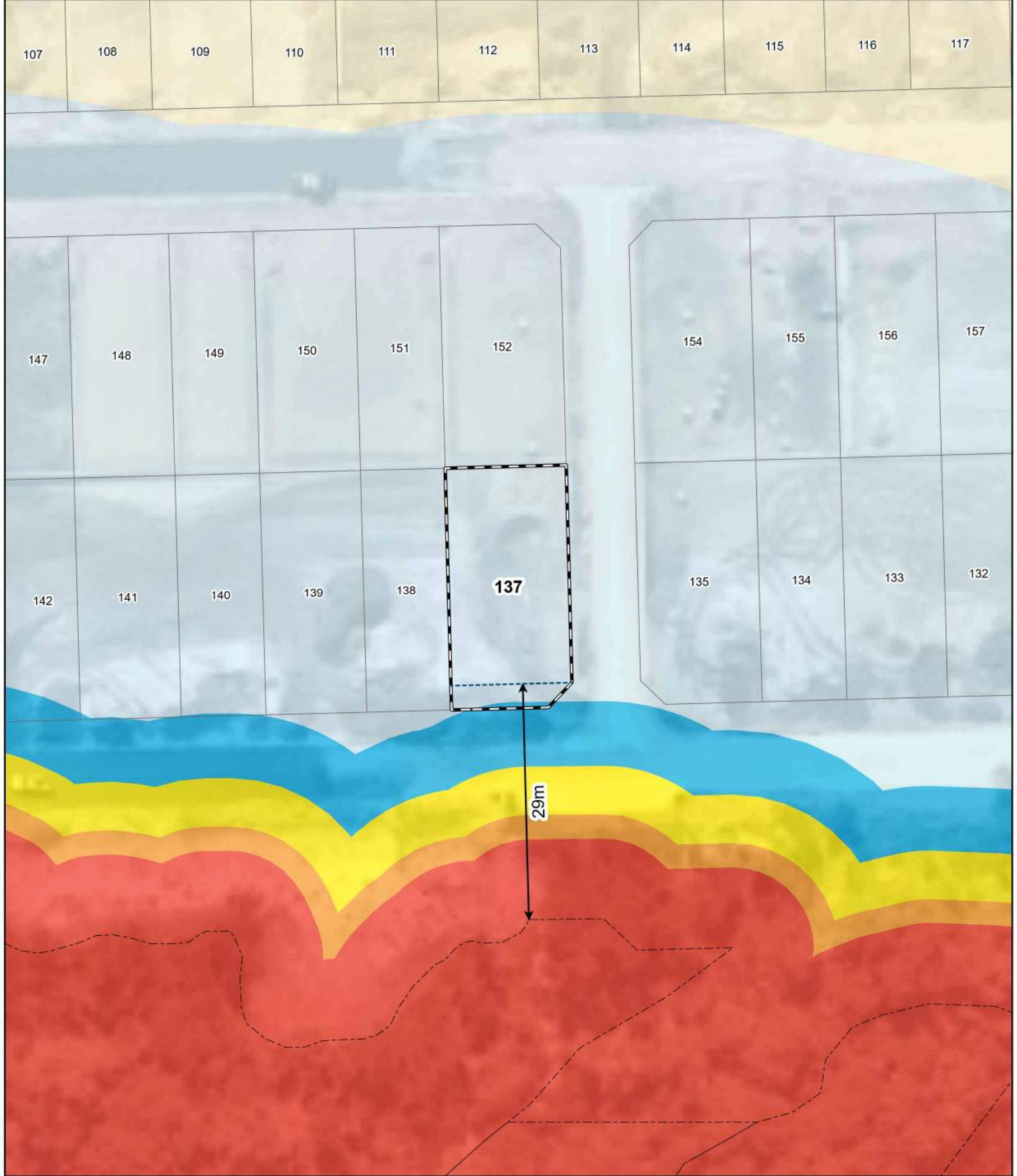
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

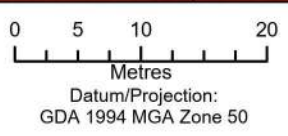
Bushfire Attack Level (BAL) Contours - Lot 137 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - Lot Setback (3m)
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 138, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	31 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

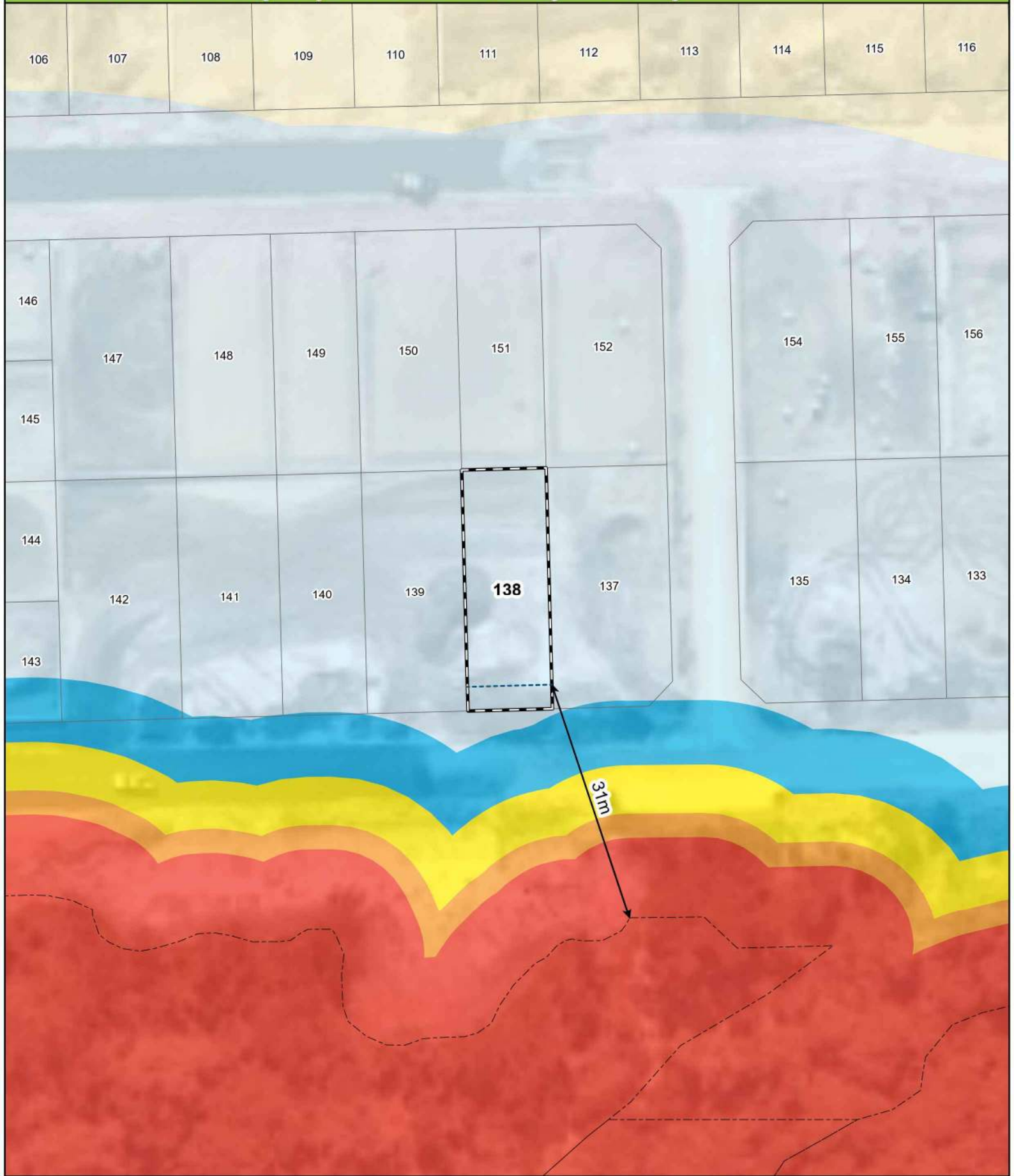
Signature: 

Certificate Date: 17/11/2020



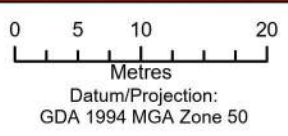
Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 138 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - Lot Setback (3m)
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 139, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	30 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

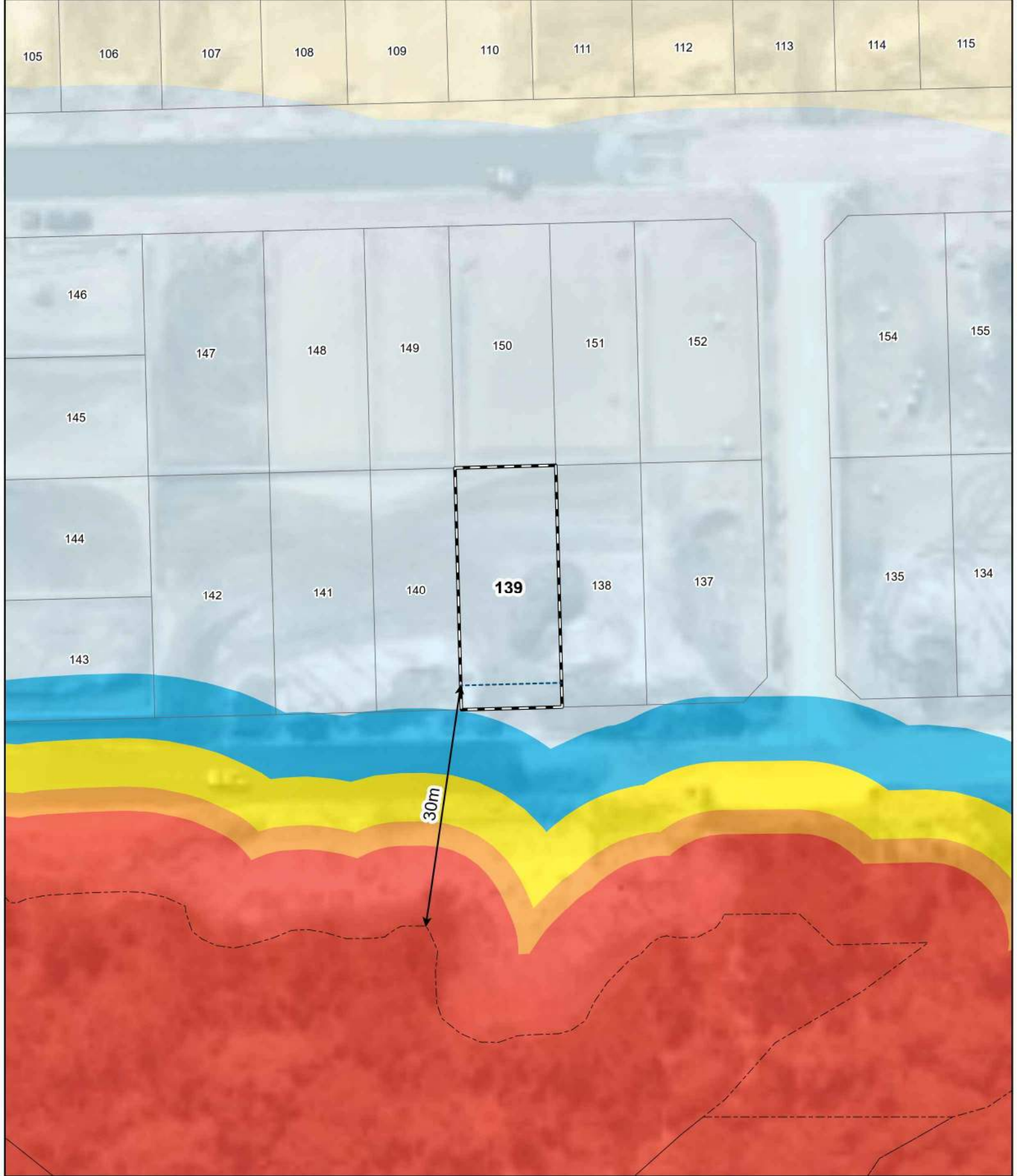
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

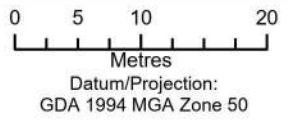
Bushfire Attack Level (BAL) Contours - Lot 139 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - Lot Setback (3m)
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 140, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	30 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

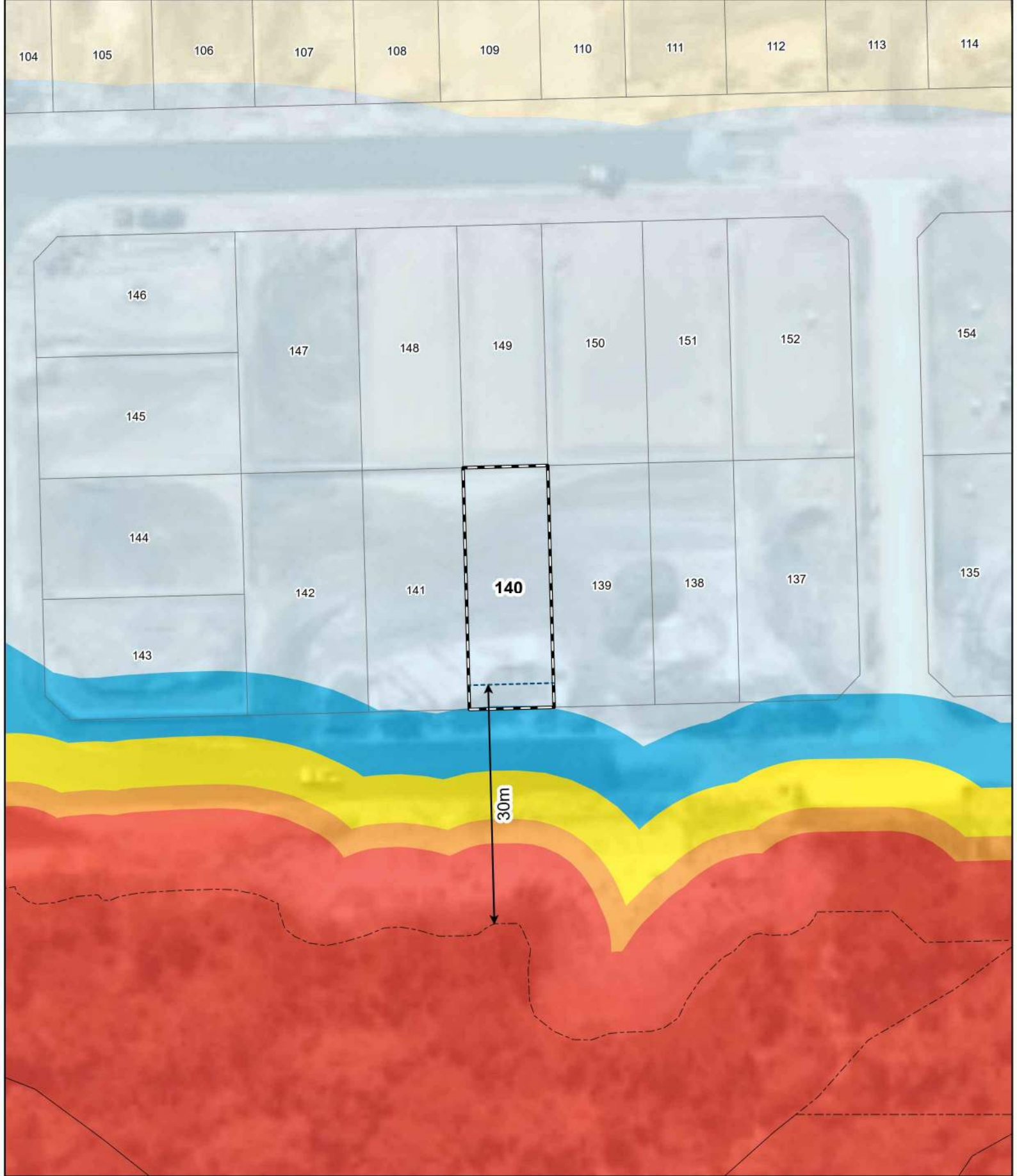
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

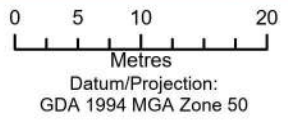
Bushfire Attack Level (BAL) Contours - Lot 140 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - Lot Setback (3m)
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 141, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

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

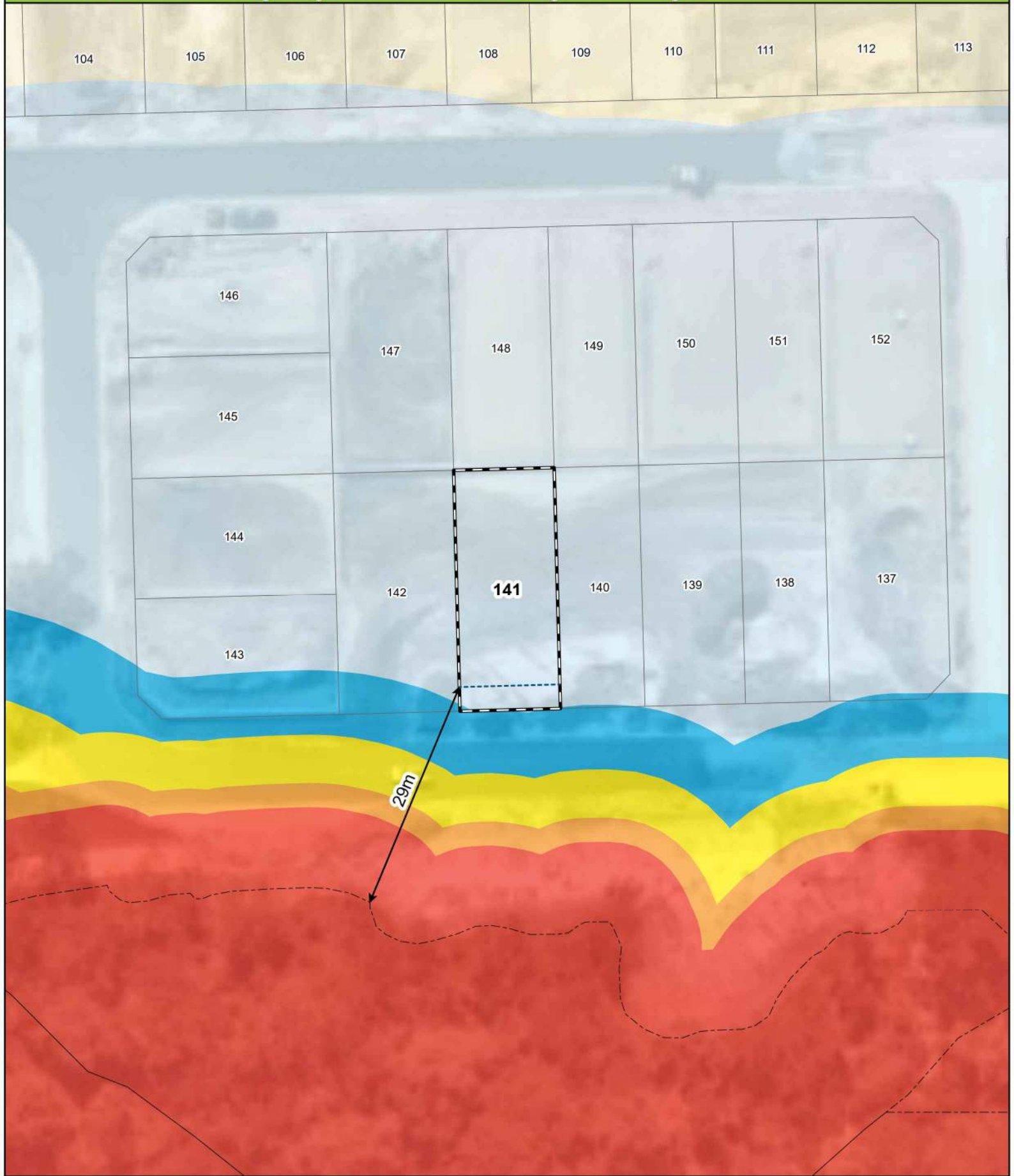
Signature: 

Certificate Date: 17/11/2020



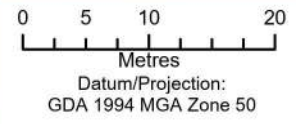
Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 141 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - Lot Setback (3m)
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 142, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	25 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

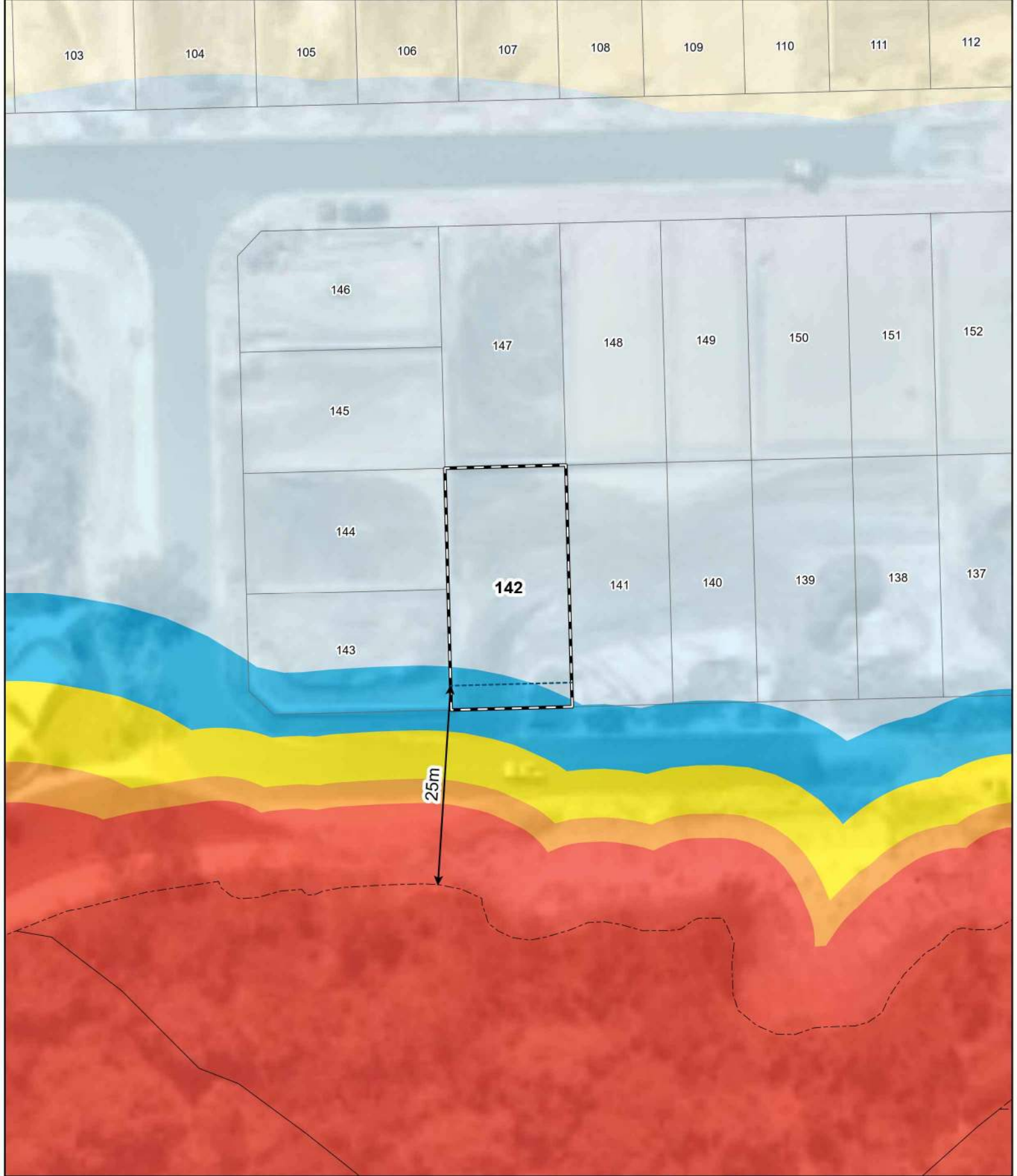
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

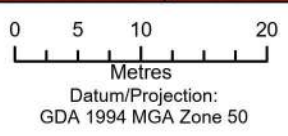
Bushfire Attack Level (BAL) Contours - Lot 142 (*BAL - 19)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *Intersects multiple BAL contours
 - Lot Setback (3m)
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 143, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	21 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

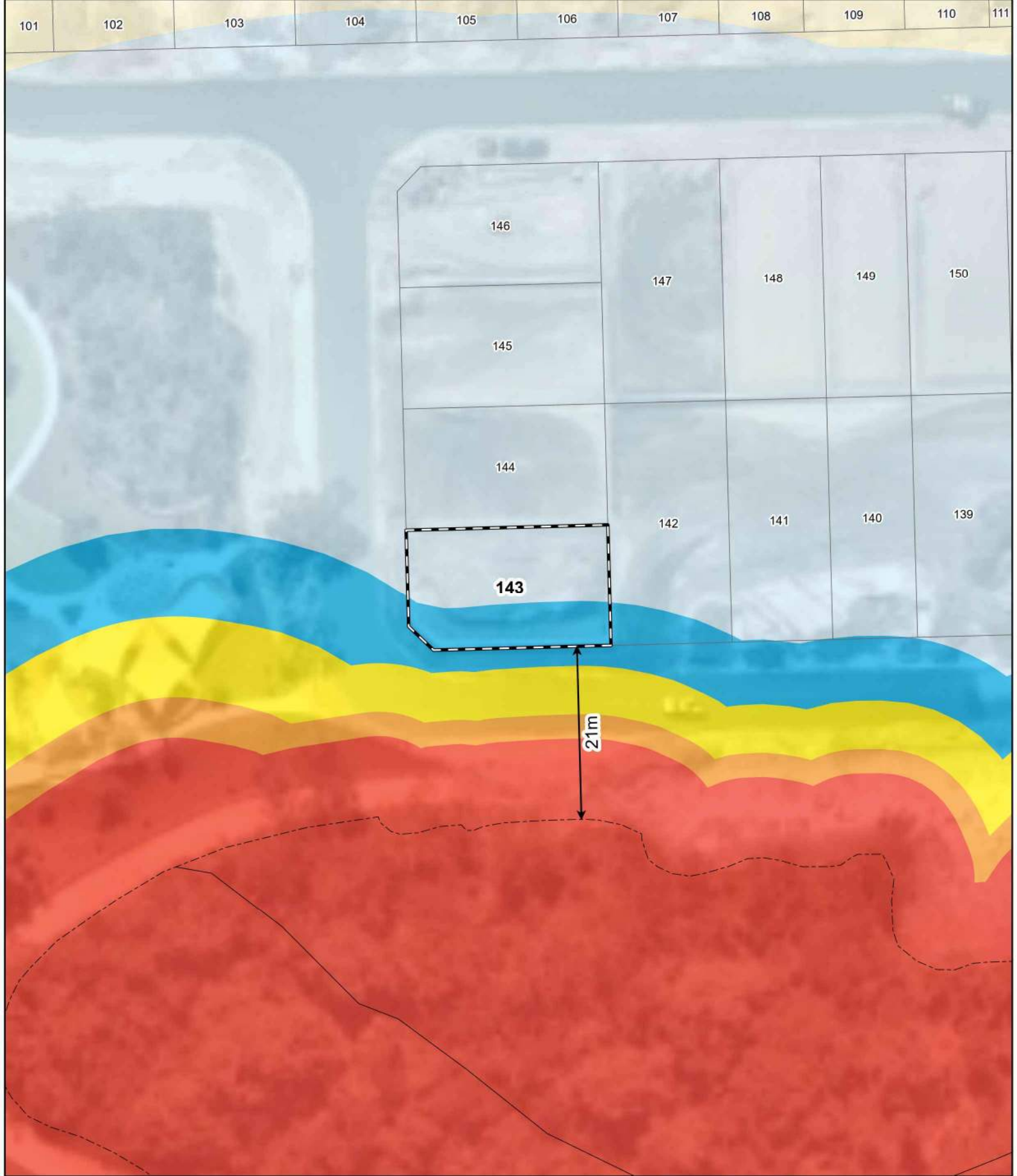
Signature: 

Certificate Date: 17/11/2020



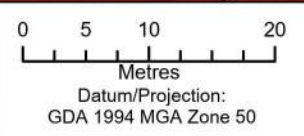
Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 143 (*BAL - 19)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location *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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 144, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	36 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

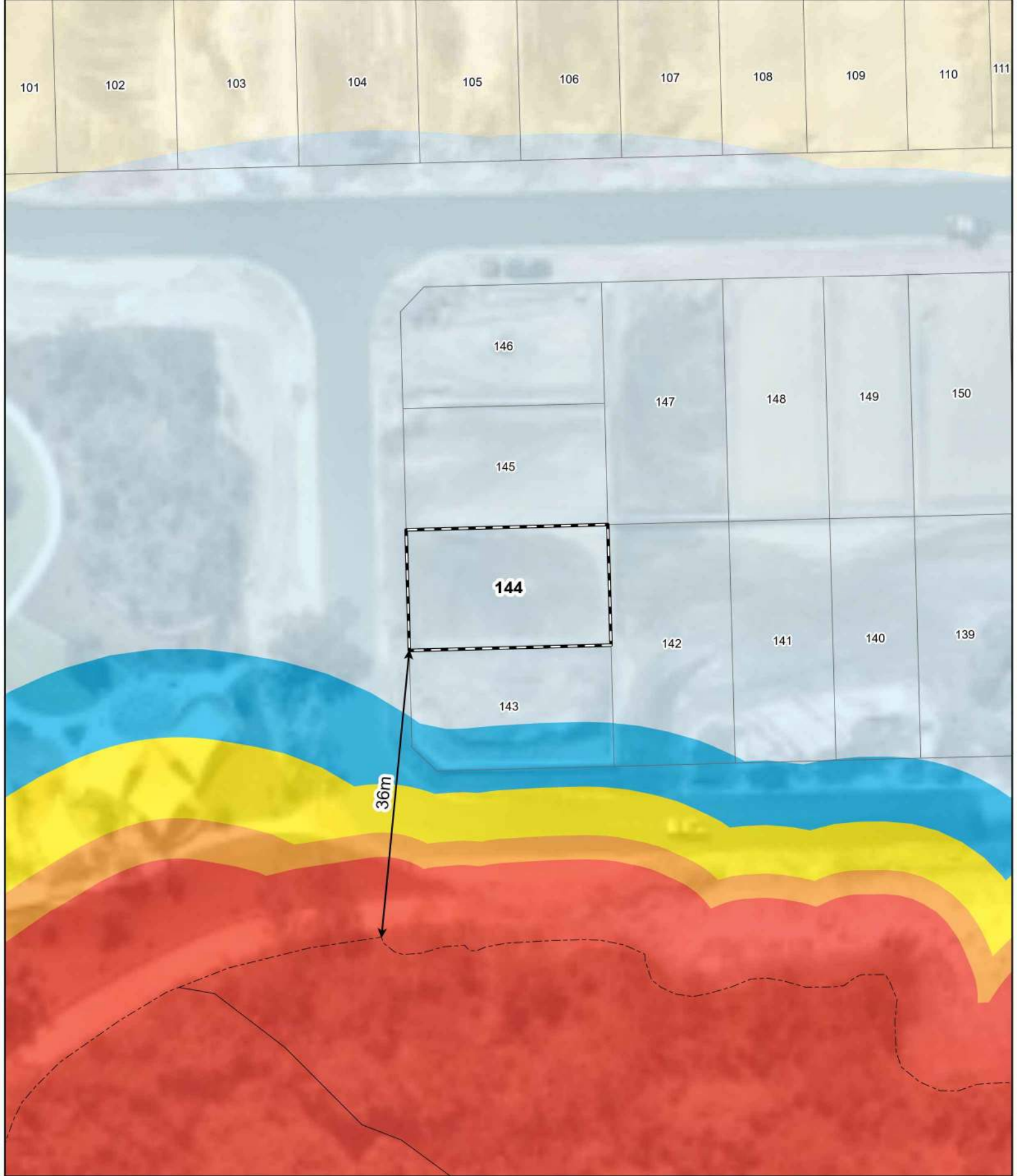
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

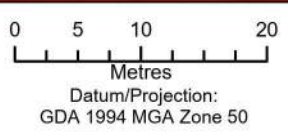
Bushfire Attack Level (BAL) Contours - Lot 144 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 145, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	51 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

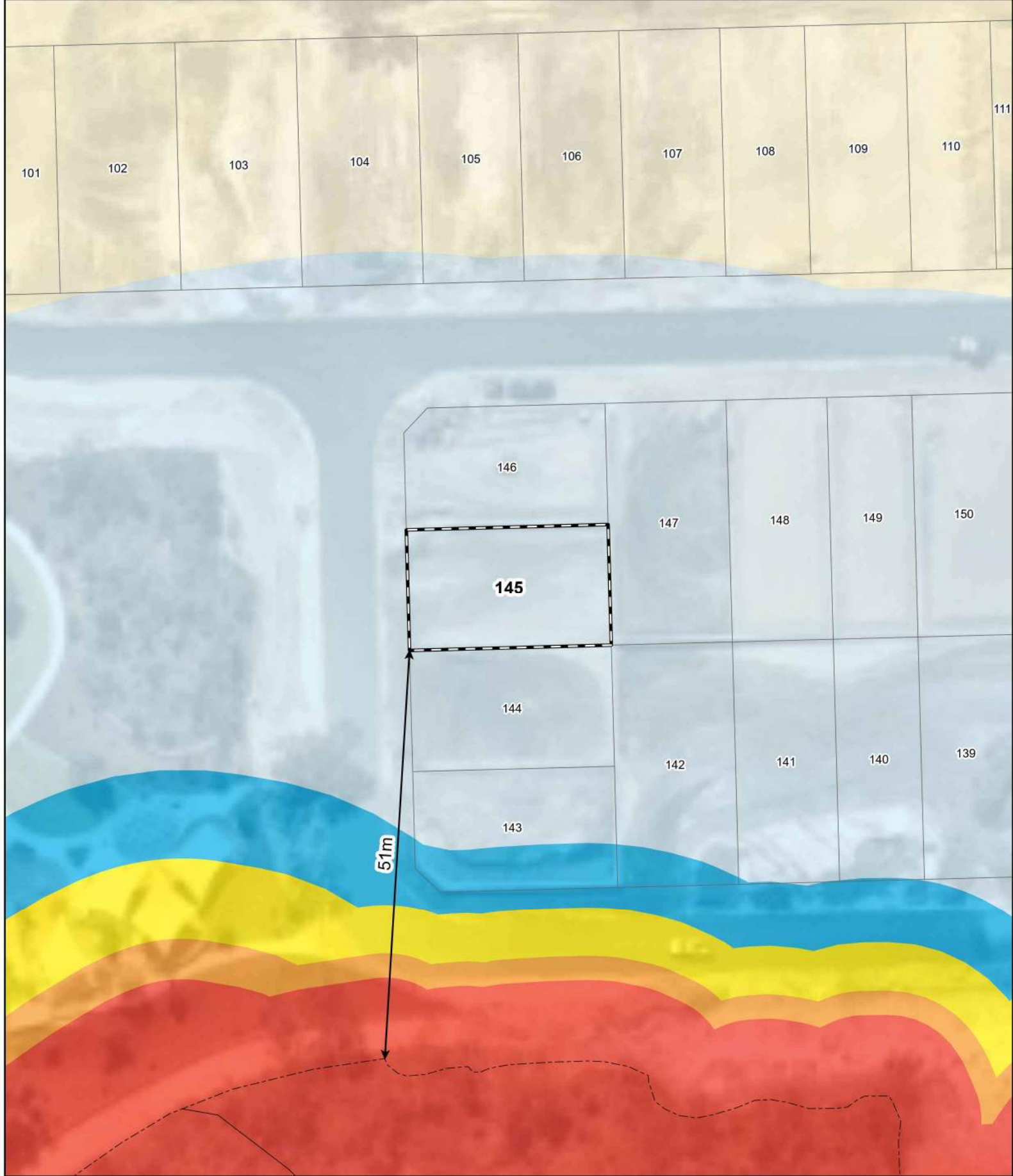
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

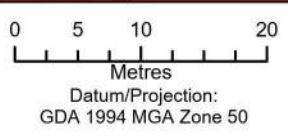
Bushfire Attack Level (BAL) Contours - Lot 145 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 146, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	66 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

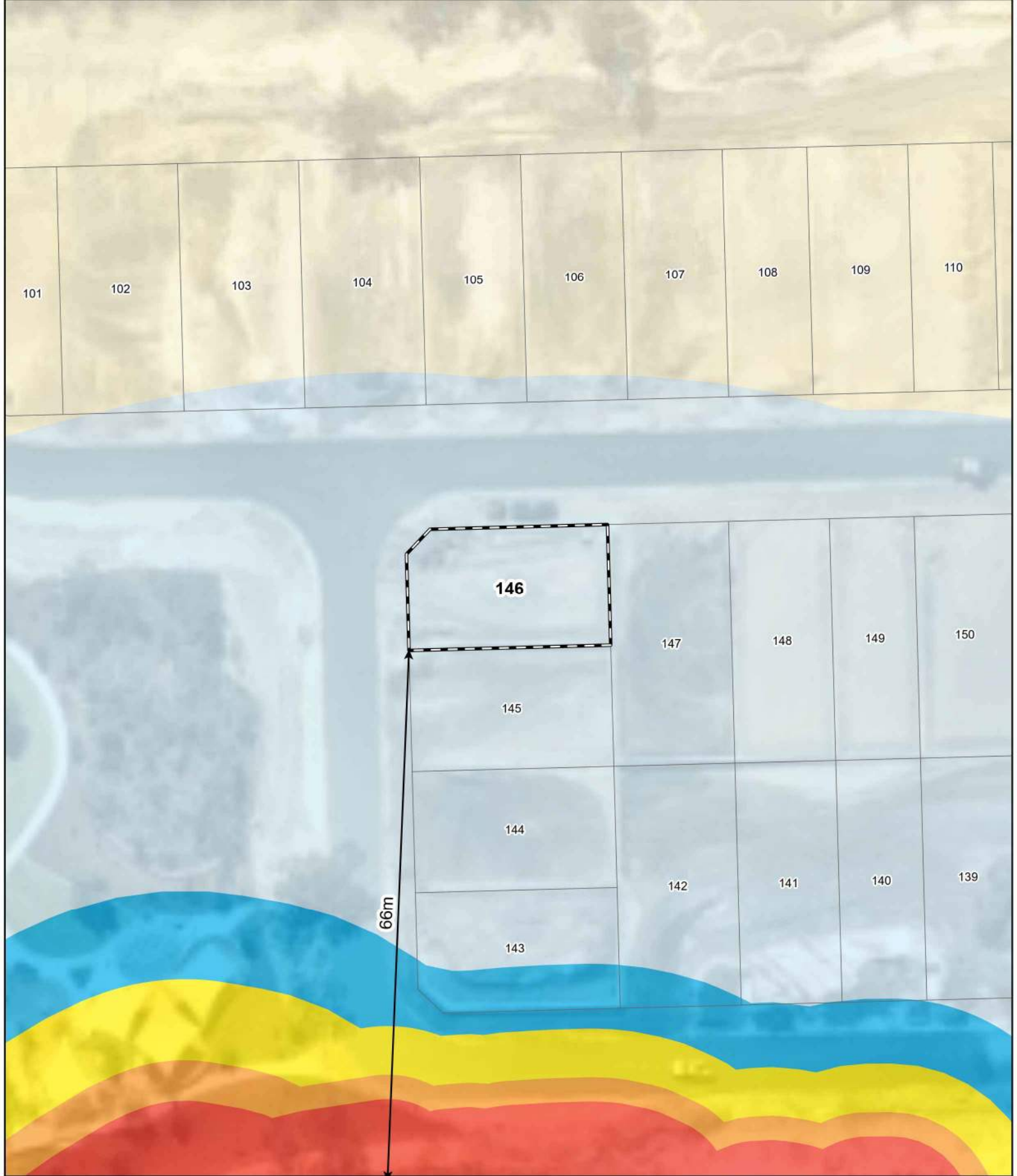
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

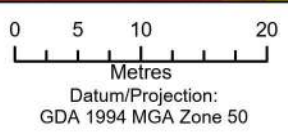
Bushfire Attack Level (BAL) Contours - Lot 146 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 147, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	52 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

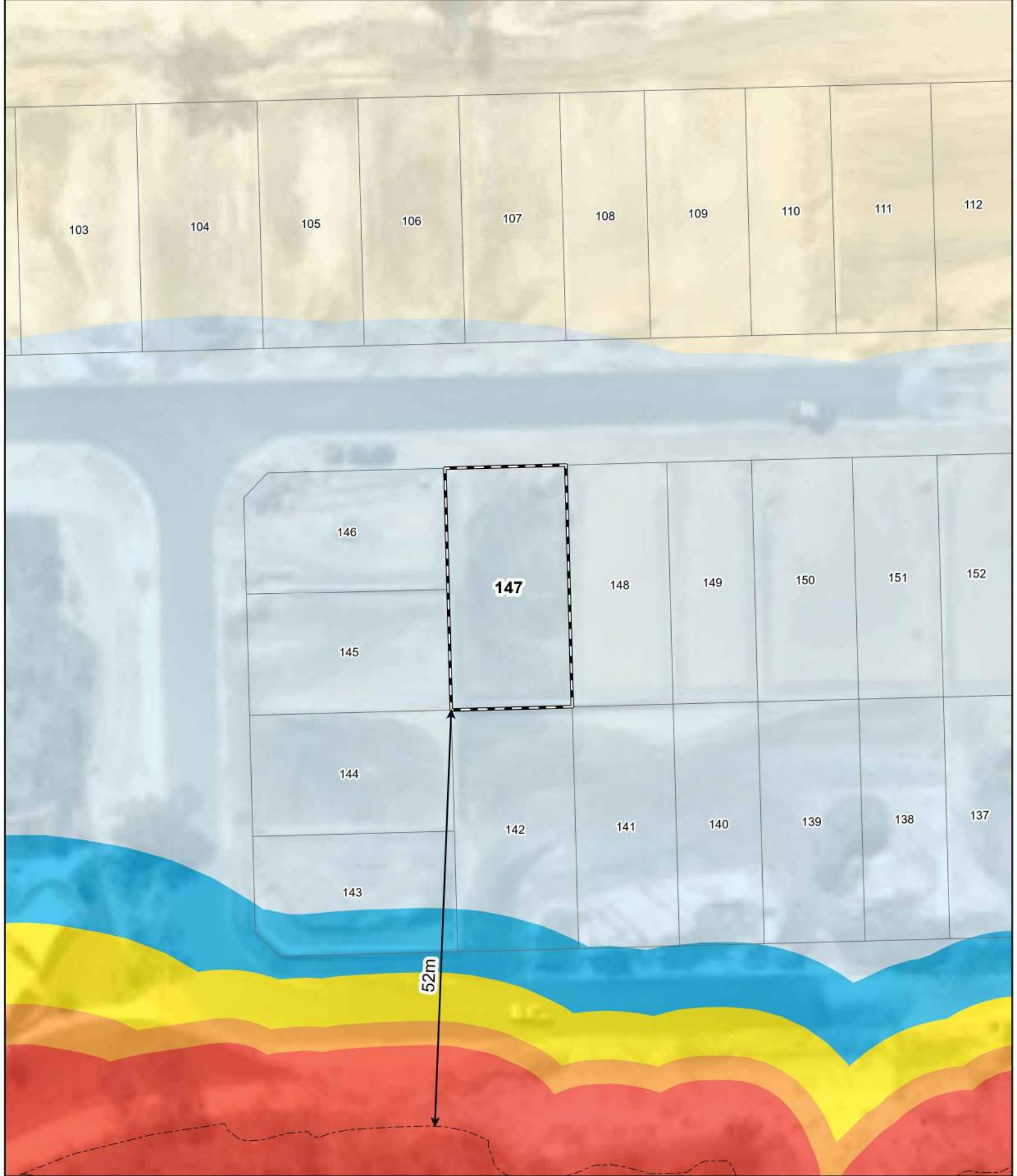
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

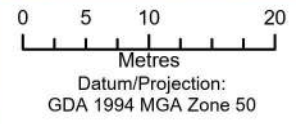
Bushfire Attack Level (BAL) Contours - Lot 147 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 148, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	54 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

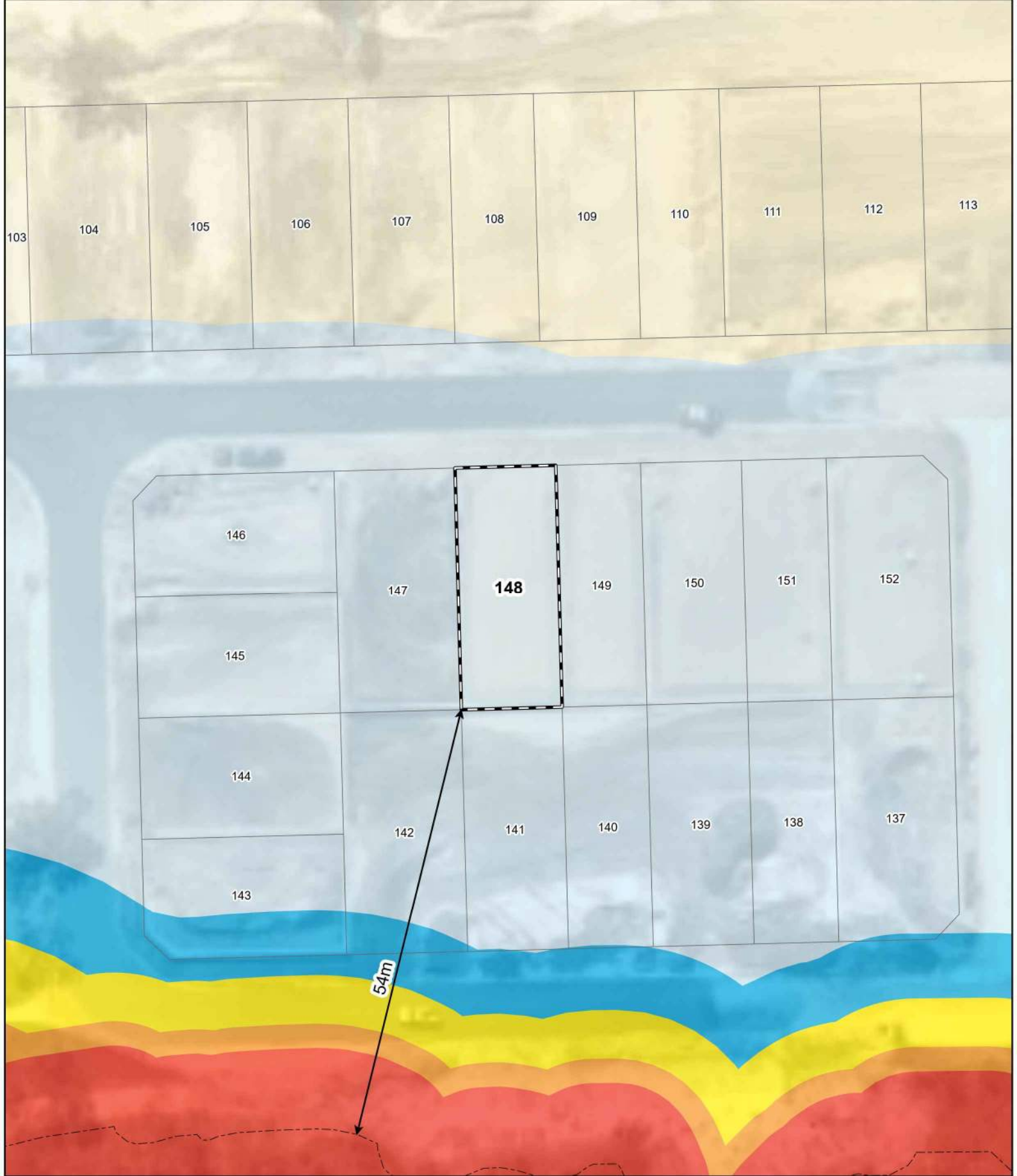
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

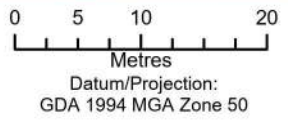
Bushfire Attack Level (BAL) Contours - Lot 148 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 149, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 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

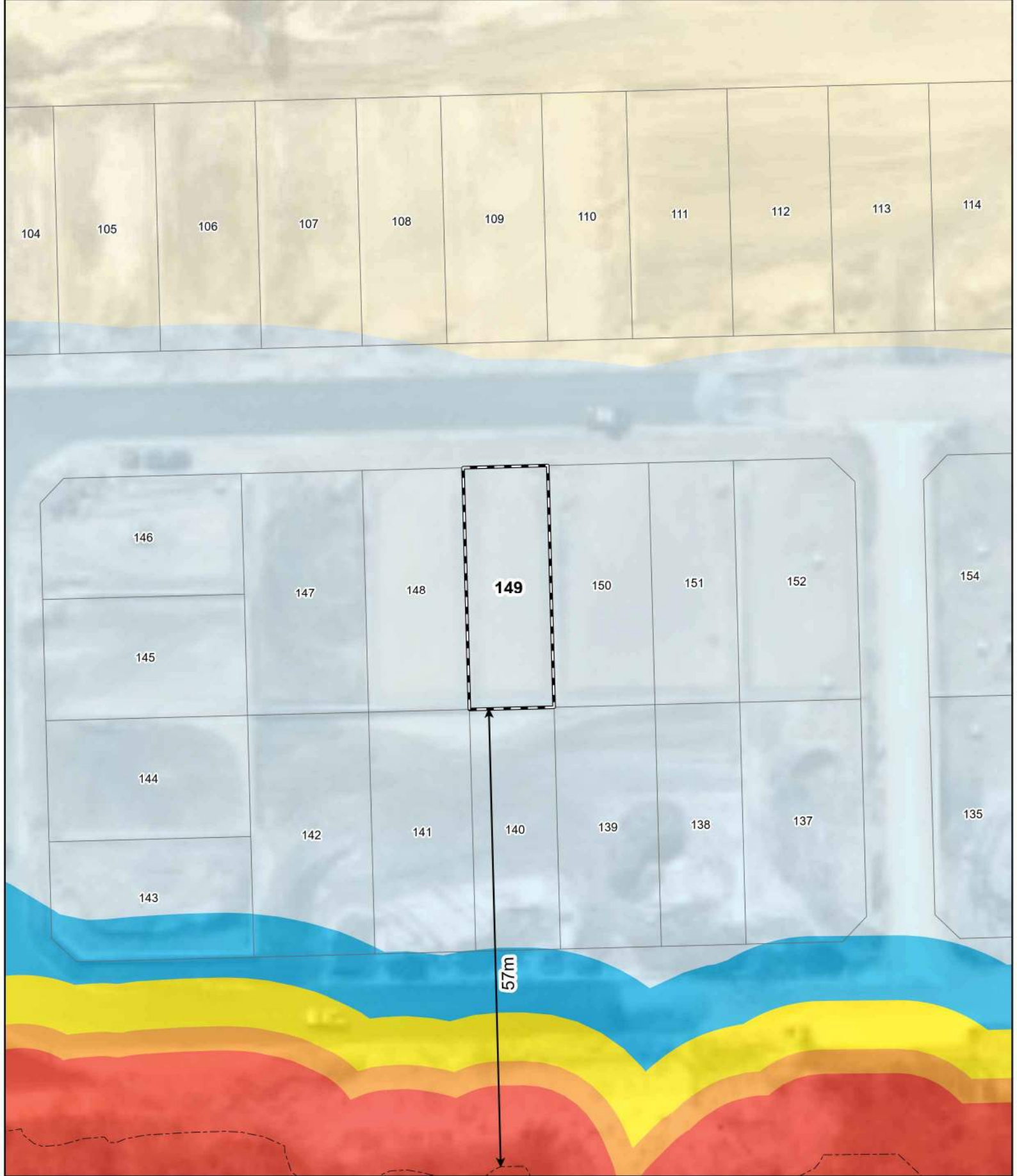
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

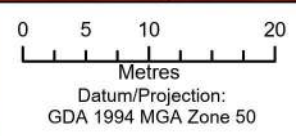
Bushfire Attack Level (BAL) Contours - Lot 149 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 150, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 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

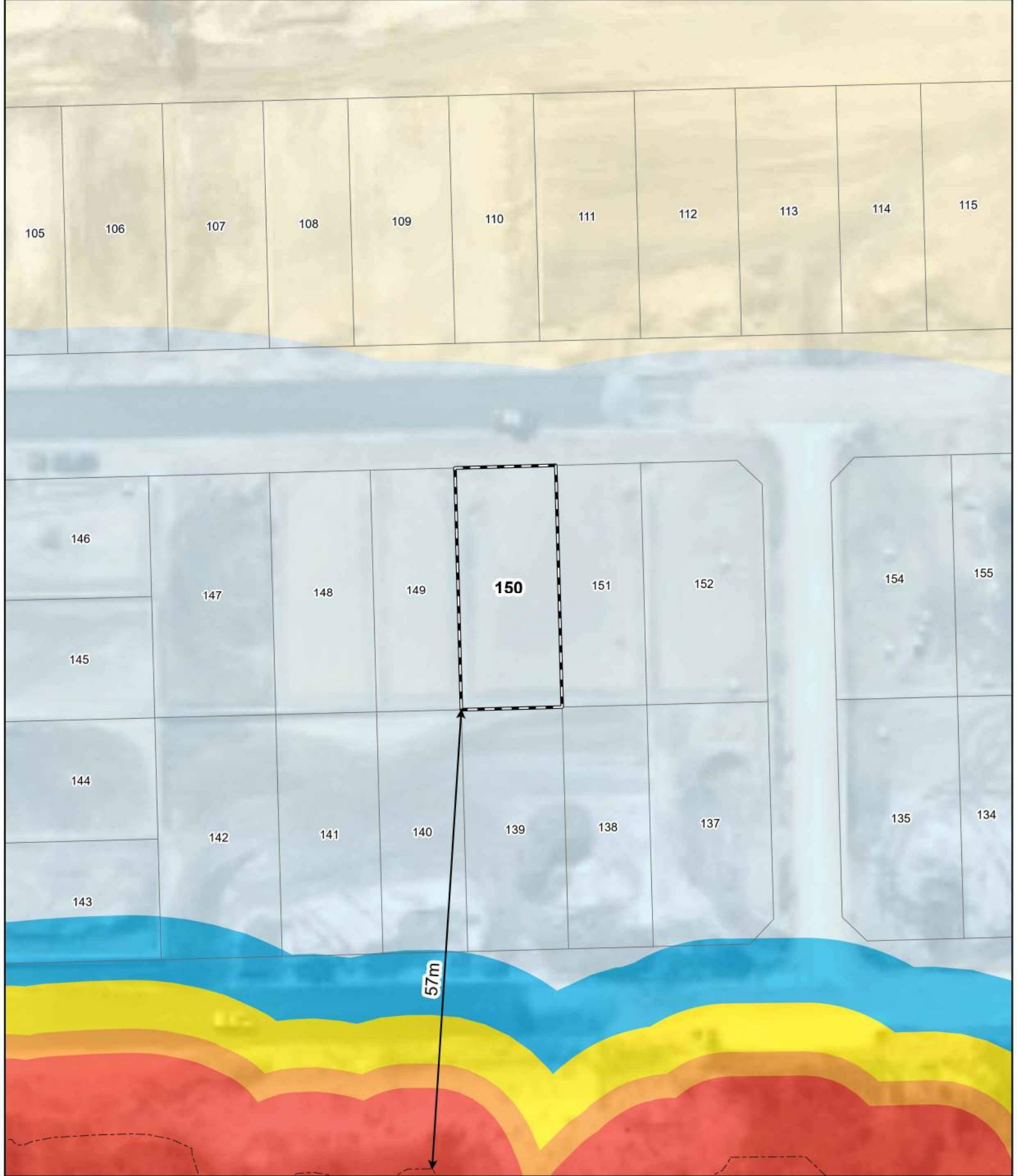
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

Bushfire Attack Level (BAL) Contours - Lot 150 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



0 5 10 20
Metres
Datum/Projection:
GDA 1994 MGA Zone 50



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 151, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 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

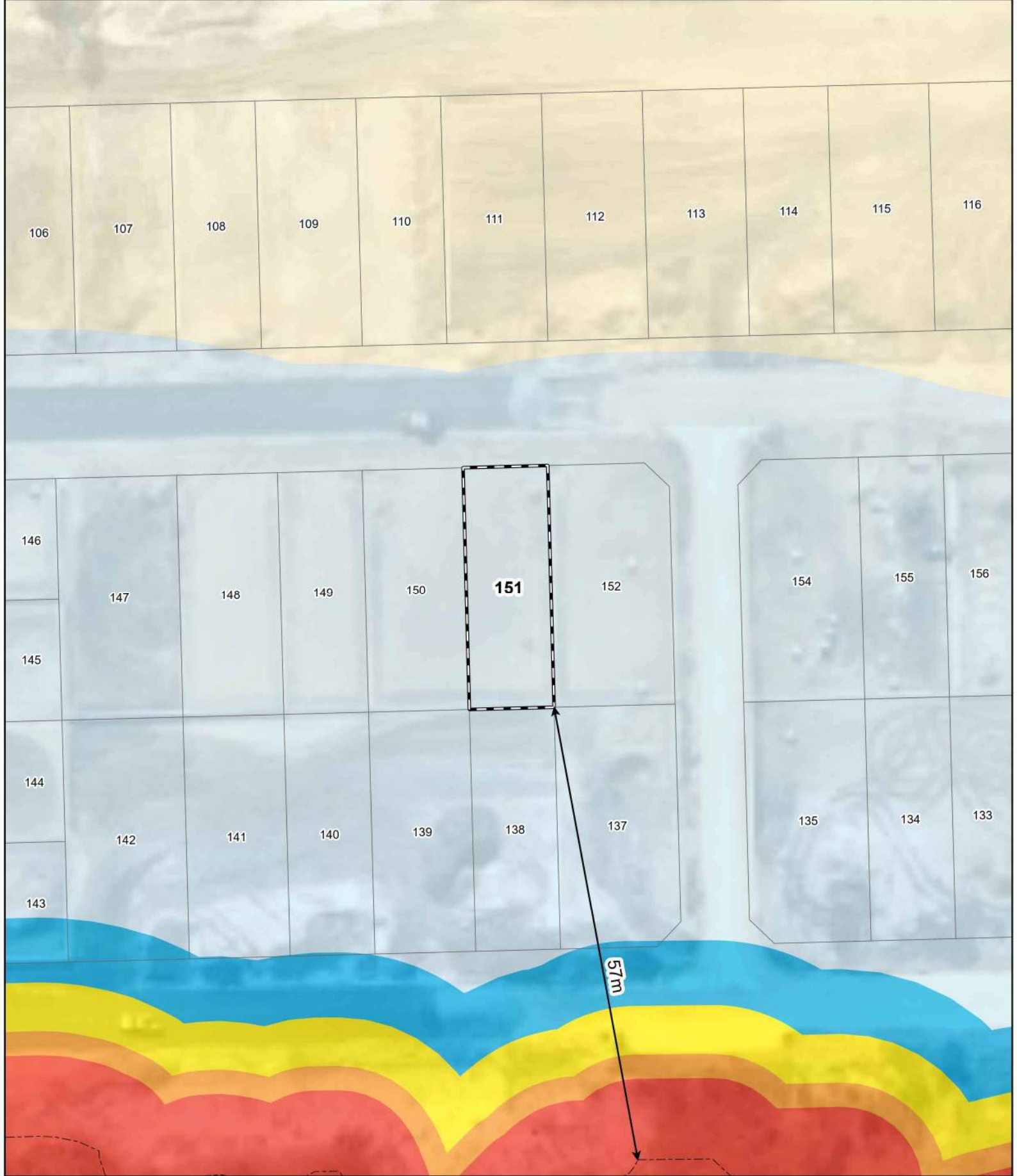
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

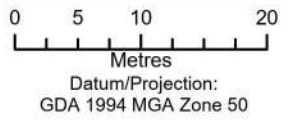
Bushfire Attack Level (BAL) Contours - Lot 151 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 152, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	56 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

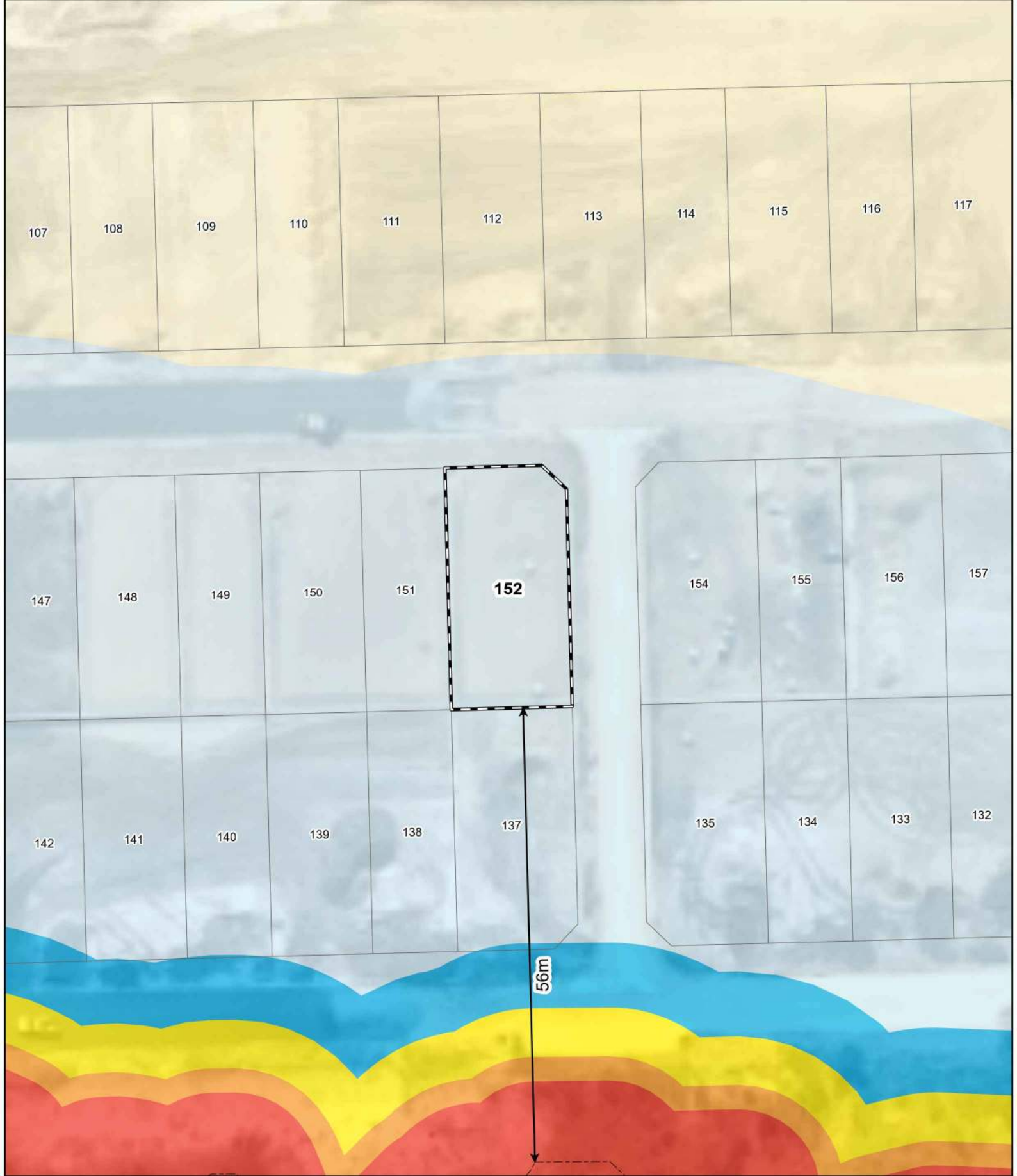
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

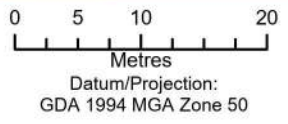
Bushfire Attack Level (BAL) Contours - Lot 152 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 154, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

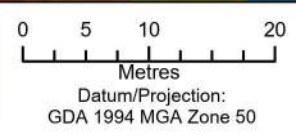
Bushfire Attack Level (BAL) Contours - Lot 154 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 155, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	60 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

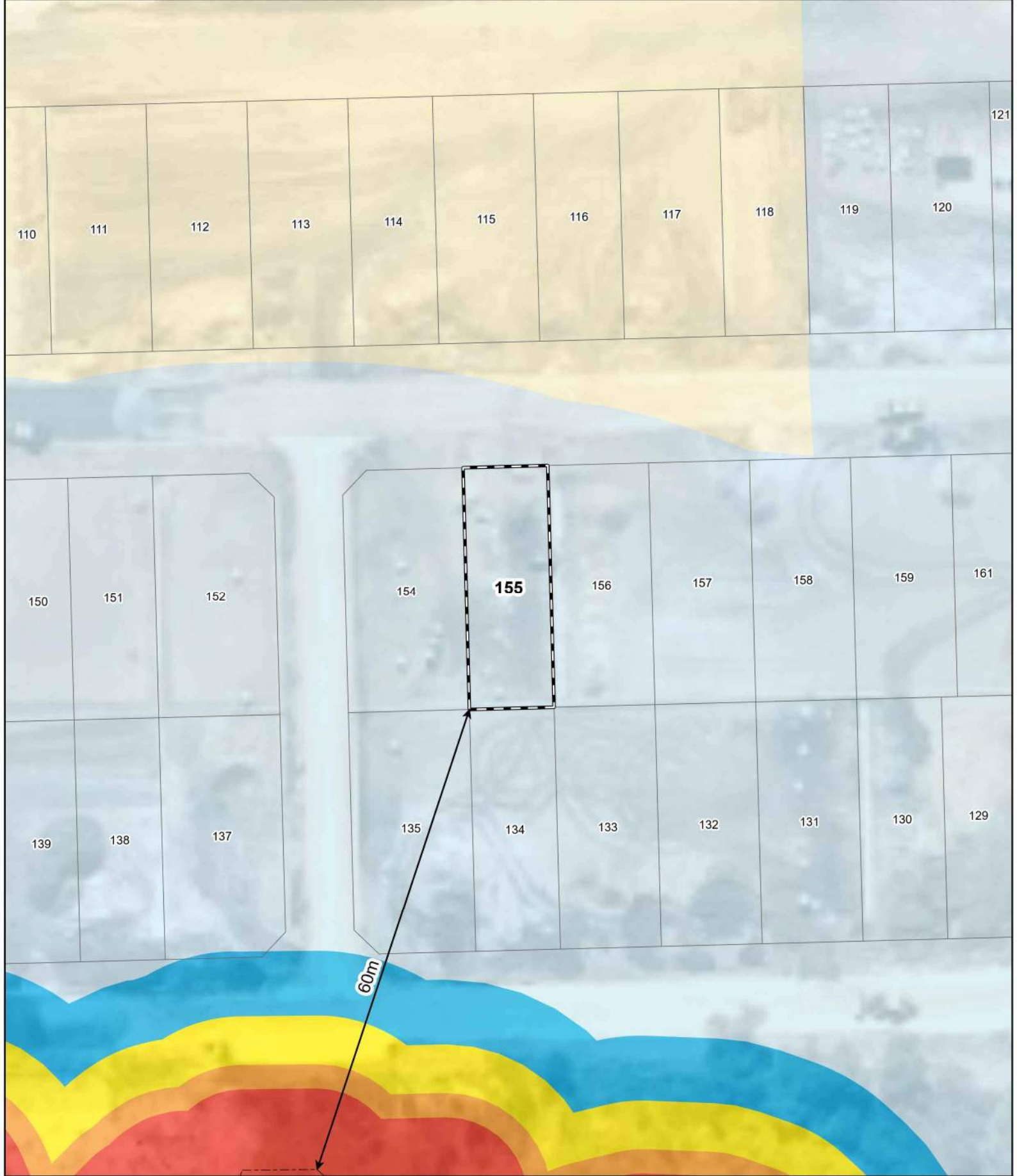
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

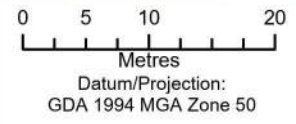
Bushfire Attack Level (BAL) Contours - Lot 155 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 156, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	62 m	BAL - 12.5

Practitioner Details

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

Name Daniel Panickar
Eco Logical Australia

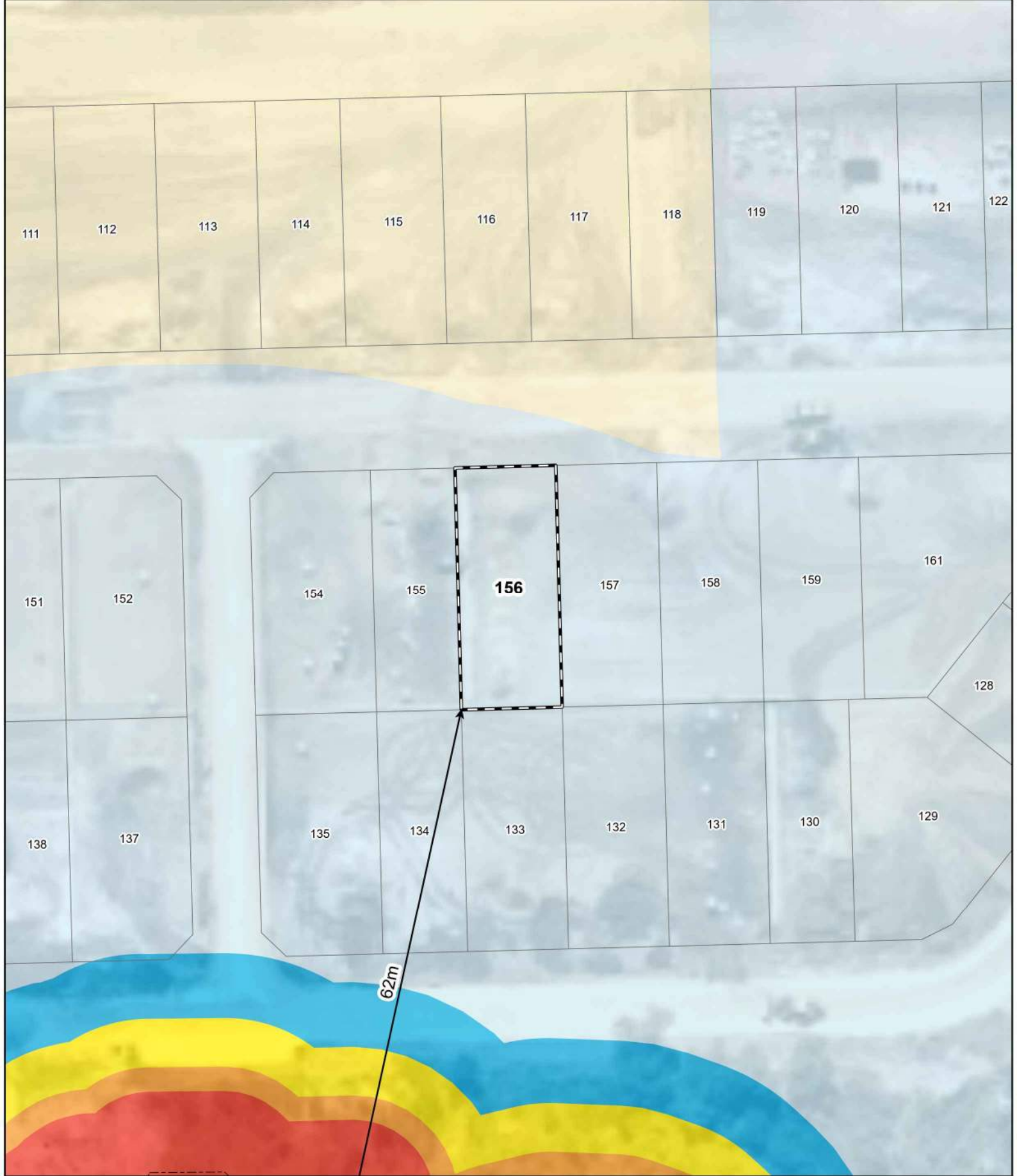
Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

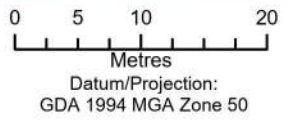
Bushfire Attack Level (BAL) Contours - Lot 156 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 157, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	66 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

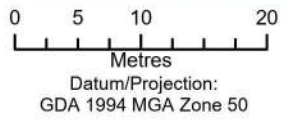
Bushfire Attack Level (BAL) Contours - Lot 157 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 158, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	69 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

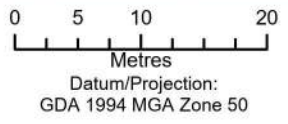
Bushfire Attack Level (BAL) Contours - Lot 158 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 159, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	71 m	BAL - 12.5

Practitioner Details

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

Name Daniel Panickar
Eco Logical Australia

Signature: 

Certificate Date: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

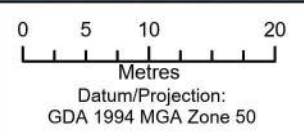
Bushfire Attack Level (BAL) Contours - Lot 159 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

Site Details

Address:	Lot 161, Apsley Estate		
Suburb:	Mandogalup, 6167	State:	WA
Local Government Area:	City of Kwinana		
Use of building	Residential Dwelling	Main BCA class:	Class 1a
Report / Job Number:	20PER-16783	Report Date:	17/11/2020

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	50 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: 17/11/2020



Accreditation No: BPAD 37802
Expiry: December 2021

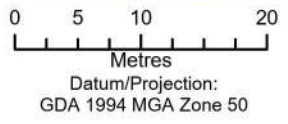
Bushfire Attack Level (BAL) Contours - Lot 161 (BAL - 12.5)



- Legend**
- 100m site assessment
 - 150m site assessment
 - Lot location
 - 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



eco logical
AUSTRALIA
A TETRA TECH COMPANY