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:	DAR	
Certificate Date:	17/11/2020	







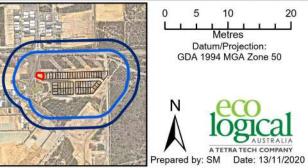
### Legend

- 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



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

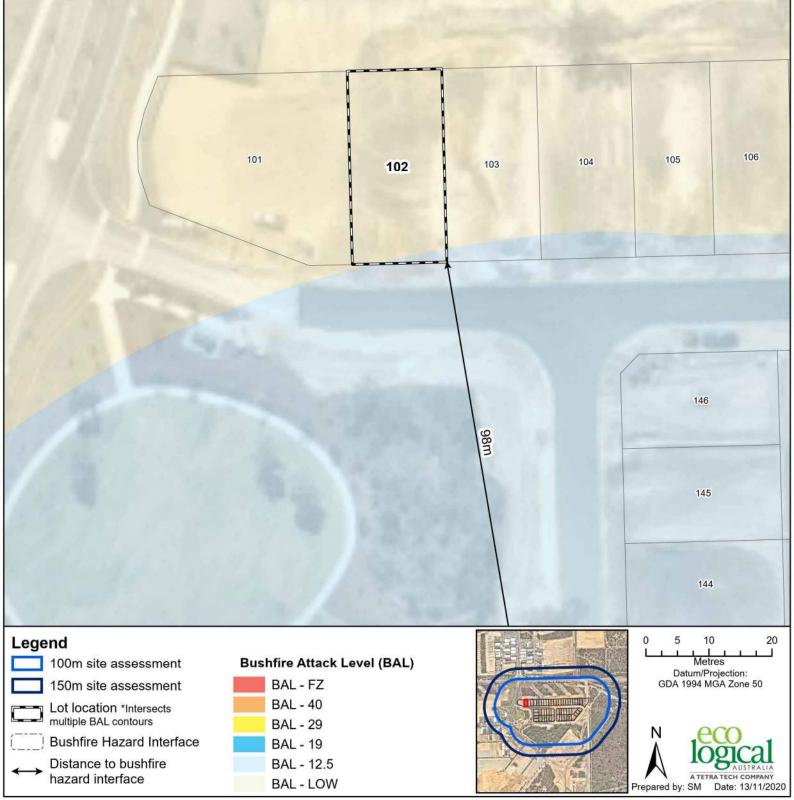
### **Practitioner Details**

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:	DAR	
Certificate Date:	17/11/2020	







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

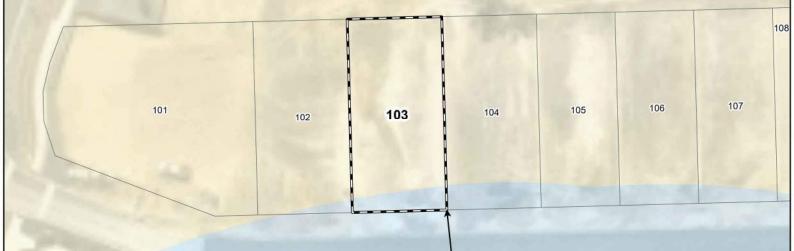
### **Practitioner Details**

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:	DAR	
Certificate Date:	17/11/2020	







		96m	147
		145	
		144	142
Legend		0 5	10 20
100m site assessment	Bushfire Attack Level (BAL)		Metres tum/Projection:
150m site assessment	BAL - FZ	GDA 1	1994 MGA Zone 50
Lot location *Intersects	BAL - 40		
multiple BAL contours	BAL - 29	N	000
[] Bushfire Hazard Interface	BAL - 19		loncal
Distance to bushfire	BAL - 12.5		AUSTRALIA
hazard interface	BAL - LOW	Prepared by:	SM Date: 13/11/2020

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

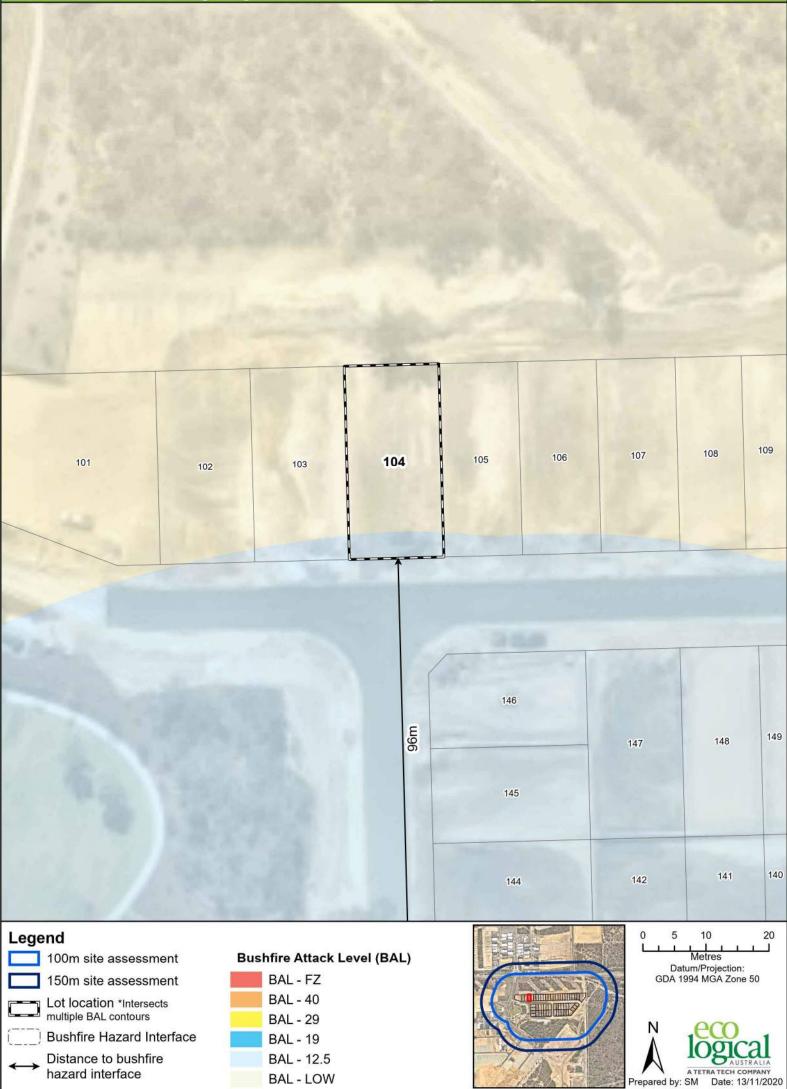
### **Practitioner Details**

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:	DER	
Certificate Date:	17/11/2020	







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

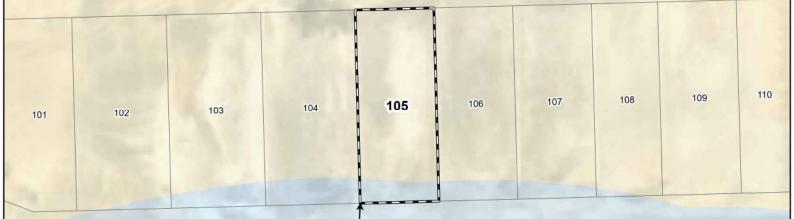
### **Practitioner Details**

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:	DER	
Certificate Date:	17/11/2020	



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





Legend		0 5 10 20
100m site assessment	Bushfire Attack Level (BAL)	Metres Datum/Projection:
150m site assessment	BAL - FZ	GDA 1994 MGA Zone 50
Lot location *Intersects	BAL - 40	
multiple BAL contours	BAL - 29	
[] Bushfire Hazard Interface	BAL - 19	
Distance to bushfire	BAL - 12.5	IOSICAL AUSTRALIA
hazard interface	BAL - LOW	Prepared by: SM Date: 13/11/2020

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:	DER	
Certificate Date:	17/11/2020	







A TETRA TECH COMPANY Date: 13/11/2020 Prepared by: SM

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

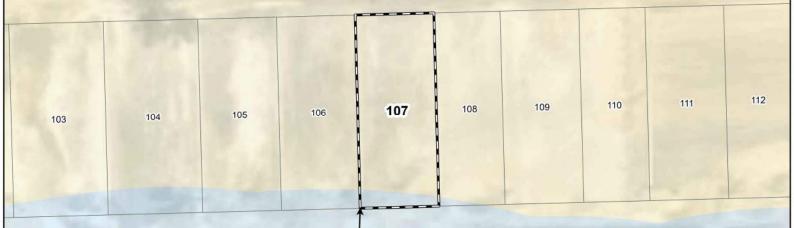
### **Practitioner Details**

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:	DER	
Certificate Date:	17/11/2020	



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





Legend			0 5 10 20
100m site assessment	Bushfire Attack Level (BAL)		Metres Datum/Projection:
150m site assessment	BAL - FZ	(CARA)	GDA 1994 MGA Zone 50
Lot location *Intersects	BAL - 40		
multiple BAL contours	BAL - 29		N OCO
() Bushfire Hazard Interface	BAL - 19		
← Distance to bushfire	BAL - 12.5	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	AUSTRALIA
hazard interface	BAL - LOW		Prepared by: SM Date: 13/11/2020

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:	DER		
Certificate Date:	17/11/2020		



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

103	104	105	106	107	108	109	110	111	112	113
	1					]				

	144		142	141	140	139	138	137	
Legend 100m site at 150m site at Lot location multiple BAL co Bushfire Ha Distance to hazard inter	ssessment *Intersects ontours zard Interface bushfire	Bushfire A BAL - BAL - BAL - BAL - BAL - BAL - BAL -	FZ 40 29 19 12.5	el (BAL)	C			5 10 Metres Datum/Projection: 3DA 1994 MGA Zone 50 DECONSTRA A TETRA TECH COMP at by: SM Date: 13/17	

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:	DER		
Certificate Date:	17/11/2020		



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

104	105	106	107	108	109	110	111	112	113	114
il la						<u> </u>				

Legend		0 5 10 20
100m site assessment	Bushfire Attack Level (BAL)	Metres
150m site assessment	BAL - FZ	Datum/Projection: GDA 1994 MGA Zone 50
Lot location	BAL - 40	
Bushfire Hazard Interface	BAL - 29	
Distance to bushfire	BAL - 19	
←→ hazard interface	BAL - 12.5	IOSICAL AUSTRALIA
	BAL - LOW	Prepared by: SM Date: 13/11/202

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:	DER		
Certificate Date:	17/11/2020		



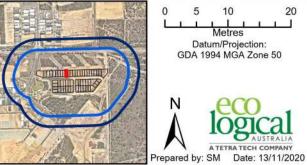
## Bushfire Attack Level (BAL) Contours - Lot 110 (BAL - LOW)



**Bushfire Hazard Interface** Distance to bushfire hazard interface

BAL - 29 BAL - 19 BAL - 12.5

BAL - LOW



Prepared by: SM

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:	DER		
Certificate Date:	17/11/2020		



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

106	107	108	109	110	111	112	113	114	115	116

				-		102m			
146	147	148	149	150	151	152	154	155	156
145							1.20		
144	142	141	140	139	138	137	135	134	133
Legen	d						0 5	10	20

Legend			0 5 10 20
100m site assessment	Bushfire Attack Level (BAL)		Metres Datum/Projection:
150m site assessment	BAL - FZ	(COD)	GDA 1994 MGA Zone 50
Lot location	BAL - 40		
Bushfire Hazard Interface	BAL - 29		N ACO
Distance to bushfire	BAL - 19		A loncal
↔ hazard interface	BAL - 12.5	17.1.4	
	BAL - LOW		Prepared by: SM Date: 13/11/2020

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	

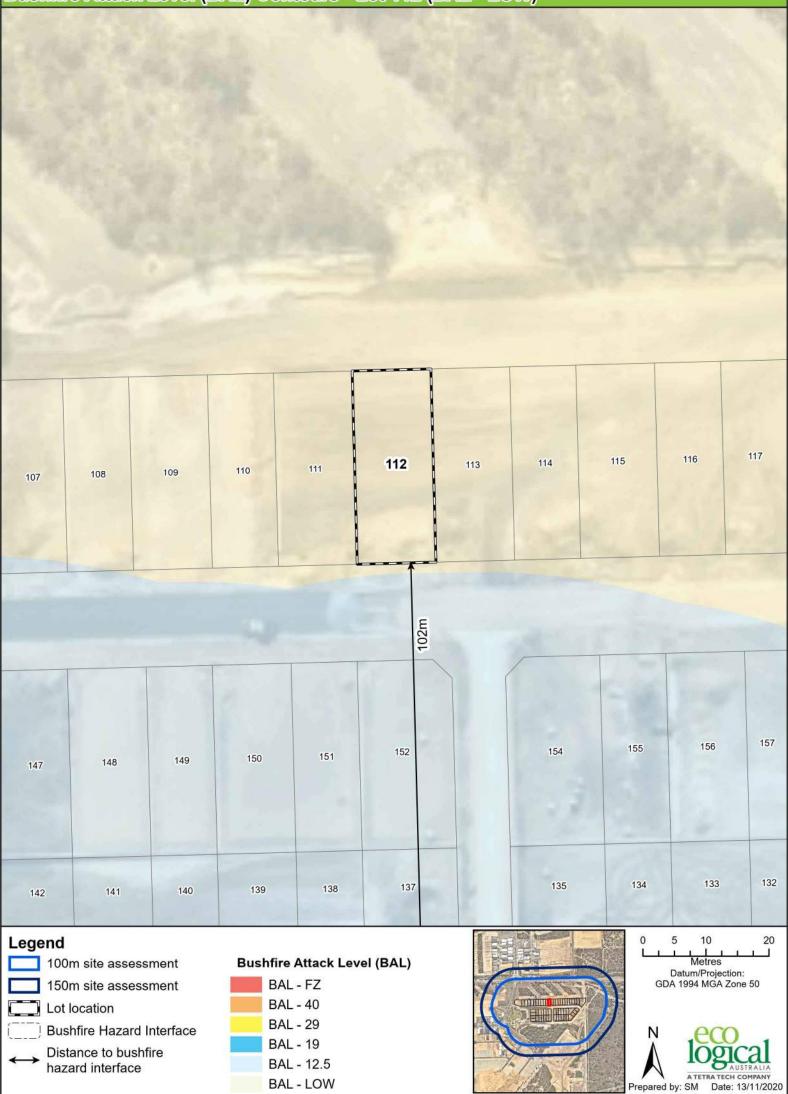
### **Practitioner Details**

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:	DER		
Certificate Date:	17/11/2020		







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:	DAR	
Certificate Date:	17/11/2020	



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



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

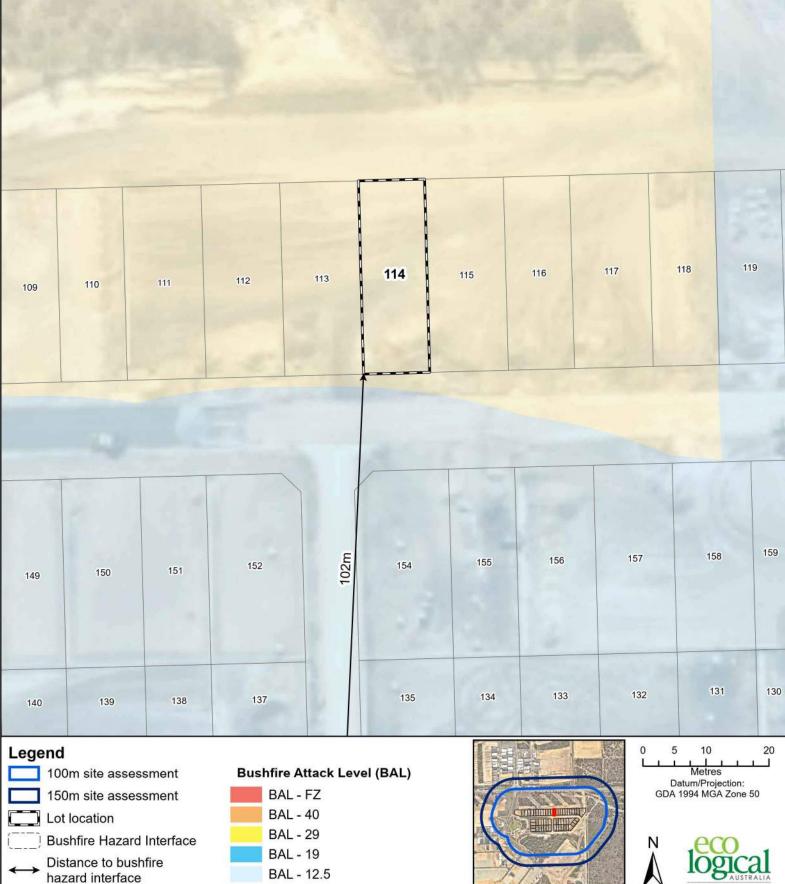
### **Practitioner Details**

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:	DAR	
Certificate Date:	17/11/2020	



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



BAL - LOW

Prepared by: SM Date: 13/11/2020

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

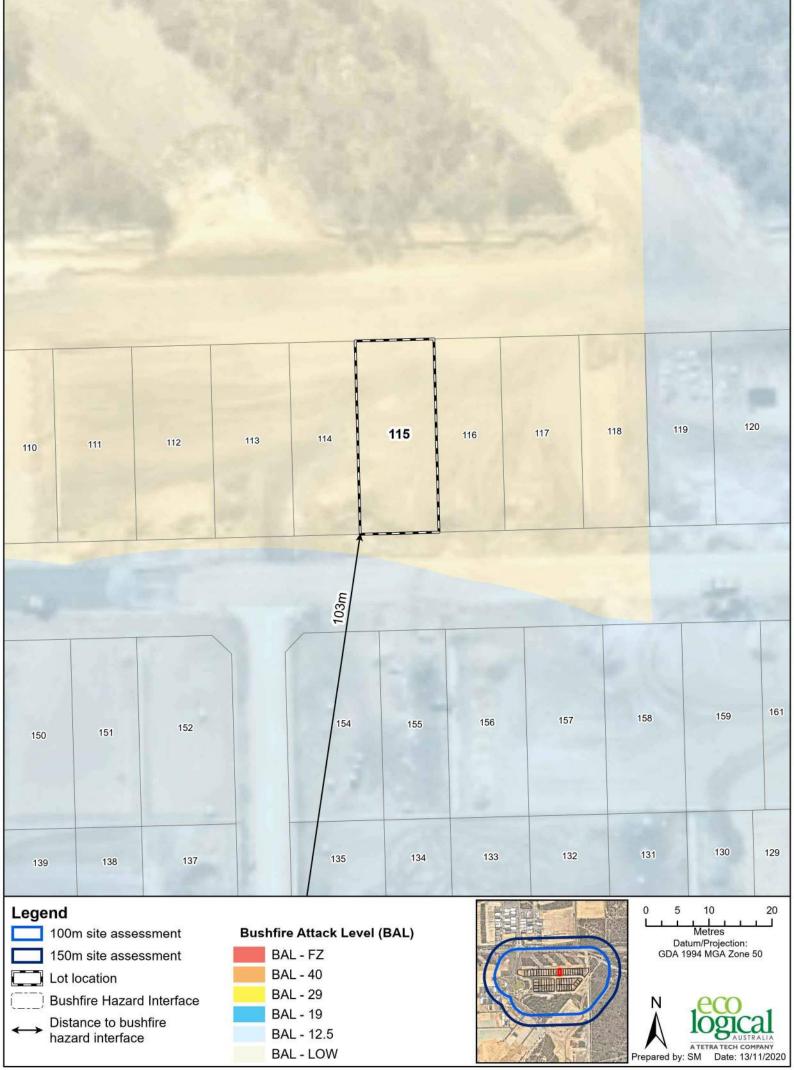
### **Practitioner Details**

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:	DAR	
Certificate Date:	17/11/2020	



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



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

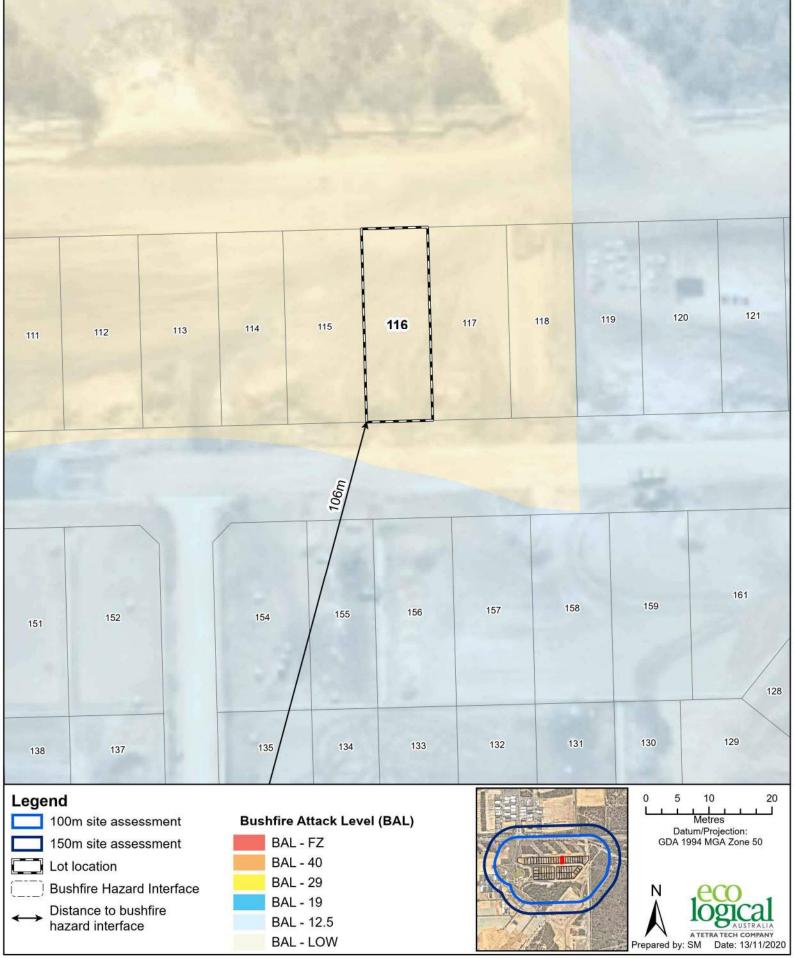
### **Practitioner Details**

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:	DAR	
Certificate Date:	17/11/2020	



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



Determined in accordance with AS 3959-2018

Site Details					
Address:	Idress: 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.

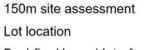
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		









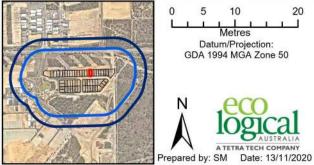


Bushfire Hazard Interface Distance to bushfire

hazard interface

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

BAL - LOW



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:	DER		
Certificate Date:	17/11/2020		



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

113	114	115	116	117	118	119	120	121	122	123
							0m	-		

		19				126
154	155	156	157	158	159	127
135	134	133	132	131	130	128

	The second second	
Legend		0 5 10 20
100m site assessment	Bushfire Attack Level (BAL)	Metres Datum/Provinciation
150m site assessment	BAL - FZ	Datum/Projection: GDA 1994 MGA Zone 50
Lot location *Intersects	BAL - 40	
multiple BAL contours	BAL - 29	
() Bushfire Hazard Interface	BAL - 19	
Distance to bushfire	BAL - 12.5	IOSICAL AUSTRALIA
hazard interface	BAL - LOW	Prepared by: SM Date: 13/11/2020

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:	DER			
Certificate Date:	17/11/2020			



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

114	115	116	117	118	119	120	121	122	123	124
						89n	ņ			

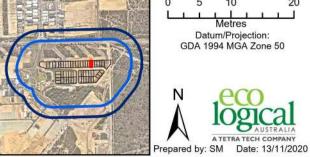
154	155	156	157	158	159	126 161 127 128
135	134	133	132	131	130	129
	ite assessm		Bushfire Atta BAL - FZ		NL)	0 5 10 20 Metres Datum/Projection: GDA 1994 MGA Zone 50

Lot location

Bushfire Hazard Interface
 Distance to bushfire

→ hazard interface

#### BAL - FZ BAL - 40 BAL - 29 BAL - 19 BAL - 12.5



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:	DER			
Certificate Date:	17/11/2020			



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

115	116	117	118	119	120	121	122	123	124	125
							1	77m		

154 155	156	157	158	159	
135 134	133	132	131	130	

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	0       5       10       20         Metres       Datum/Projection:         GDA 1994 MGA Zone 50         N       N         Image: Company
	BAL - LOW	Prepared by: SM Date: 13/11/2020

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:	DER		
Certificate Date:	17/11/2020		



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



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:	DER		
Certificate Date:	17/11/2020		







Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 123, Apsley Estate	Lot 123, Apsley Estate		
Suburb:	Mandogalup, 6167	Mandogalup, 6167 State: WA		
Local Government Area:	City of Kwinana			
Use of building	Residential Dwelling Main BCA class: Class 1a		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:	DER		
Certificate Date:	17/11/2020		







Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 124, Apsley Estate			
Suburb:	Mandogalup, 6167	Mandogalup, 6167 State: WA		
Local Government Area:	City of Kwinana			
Use of building	Residential Dwelling Main BCA class: Class 1a		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:	DER		
Certificate Date:	17/11/2020		







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	

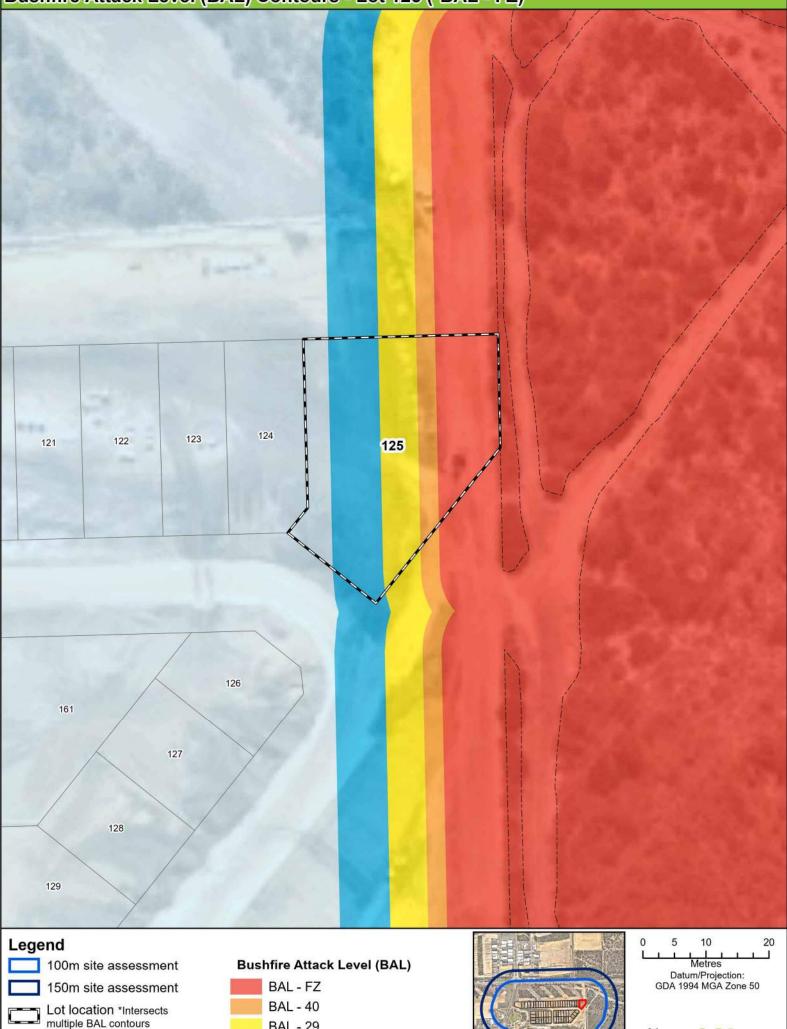
#### **Practitioner Details**

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:	DER		
Certificate Date:	17/11/2020		



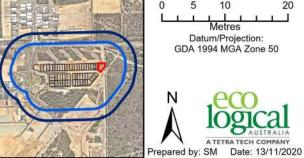




**Bushfire Hazard Interface** 

Distance to bushfire hazard interface

BAL - 29 BAL - 19 BAL - 12.5 BAL - LOW



Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 126, Apsley Estate	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		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:	DER		
Certificate Date:	17/11/2020		





Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 127, Apsley Estate	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		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:	DER		
Certificate Date:	17/11/2020		

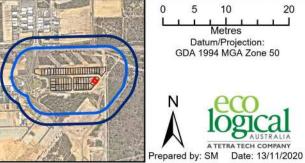






 Distance to bushfire hazard interface

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



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		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.

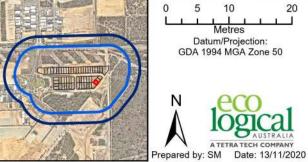
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		





- 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



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		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.

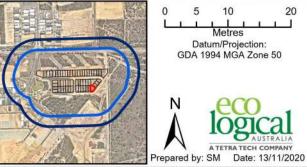
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		





- 100m site assessment150m 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



Determined in accordance with AS 3959-2018

Site Details						
Address:	Lot 130, Apsley Estate	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:	DER		
Certificate Date:	17/11/2020		

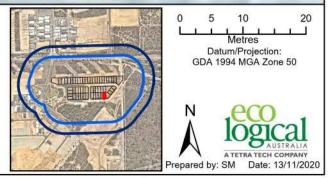


Bush	fire Atta	ack Leve	I (BAL) C	ontours	3 - Lot	t 130 (BAL	L - 12.5)				
114	115	116	117	118	119	120	121	122	123	124	125
		1							<	126	7
154	155	156	157	158		159	161		127		
					-		-	128			
135	134	133	132	131		130	129				
			5		-			12			
				Les .							
7											
	1				2						

- 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



Determined in accordance with AS 3959-2018

Site Details						
Address:	Lot 131, Apsley Estate	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.

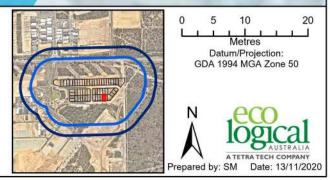
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		



Bushfire Attack Level (BAL) Contours - Lot 131 (BAL - 12.5)											
113	114	115	116	117	118	119	120	121	122	123	124
	154	155	156	157	158		159	161		126	
	135	134	133	132	13	1	130	129	128		
					-						· The
				30 <sup>00</sup>							
1		Ĵ									

- 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



Determined in accordance with AS 3959-2018

Site Details						
Address:	Lot 132, Apsley Estate	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.

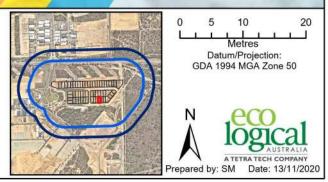
Name	Daniel Panickar <i>Eco Logical Australia</i>		
Signature:	DER		
Certificate Date:	17/11/2020		



Bus	hfire At	ttack Leve	el (BAL) (	Contour	s - Lot 13	82 (BAL	- 12.5)			
112	113	114	115	116	117	118	119	120	121	122 123
152		154	155	156	157	15	8	159	161	126
137		135	134	133	132	1	31	130	129	128
					38m					
5										

- 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



Determined in accordance with AS 3959-2018

Site Details							
Address:	Lot 133, Apsley Estate						
Suburb:	Mandogalup, 6167	Mandogalup, 6167 State:					
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.

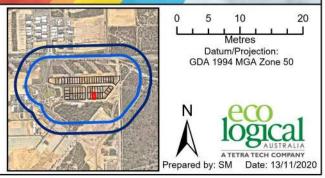
Name	Daniel Panickar <i>Eco Logical Australia</i>		
Signature:	DER		
Certificate Date:	17/11/2020		



Bush	nfire Atta	ack Leve	el (BAL) Co	ontours	- Lot 133	(BAL - 1	2.5)			
111	112	113	114	115	116	117	118 1	19 1	20 121	122
			Lan m							1
151	152		154	155	156	157	158	159	161	128
138	137		135	134	133	132	131	130	129	
				Bam				~		1000
	1									1

- 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



Determined in accordance with AS 3959-2018

Site Details							
Address:	Lot 134, Apsley Estate						
Suburb:	Mandogalup, 6167	Mandogalup, 6167					
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.

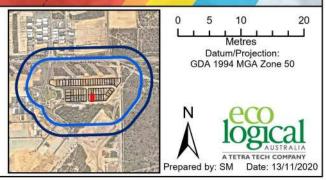
Name	Daniel Panickar <i>Eco Logical Australia</i>		
Signature:	DER		
Certificate Date:	17/11/2020		



Bus	hfire Att	ack Leve	I (BAL) C	ontours -	Lot 134	(BAL - 1	2.5)			
110	111	112	113	114	115	116	117	118 11	9 12	20 121
150	151	152		154	155	156	157	158	159	161
139	138	137		135	134	133	132	131	130	129
				31m			1.4		200	
		1								

- 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



Determined in accordance with AS 3959-2018

Site Details							
Address:	Lot 135, Apsley Estate						
Suburb:	Mandogalup, 6167	Mandogalup, 6167 Sta					
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.

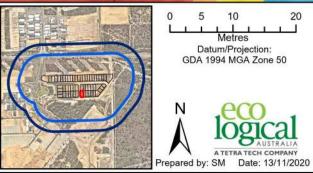
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		



Bushfire Attack Level (BAL) Contours - Lot 135 (BAL - 12.5)										
109	110	111	112	113	114	115	116	117	118	119 120
149	150	151	152		154	155	156	157	158	159
140	139	138	137		135	134	133	132	131	130
			1							

- 100m site assessment150m 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



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	

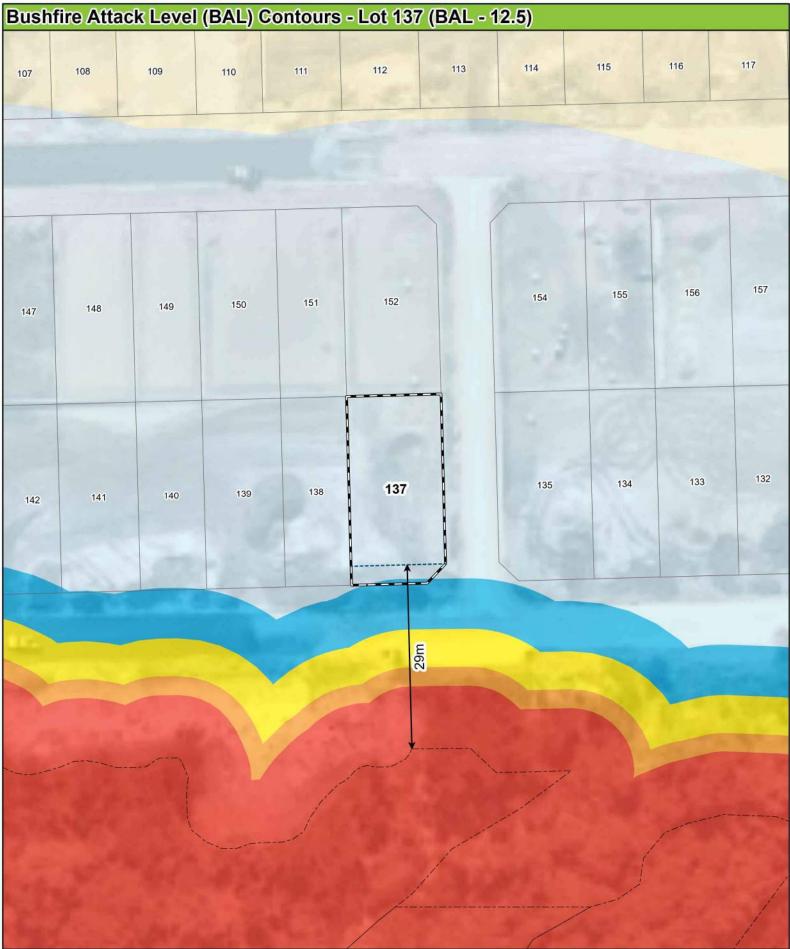
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	29 m	BAL - 12.5

#### **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.

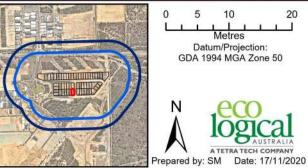
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		





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



Determined in accordance with AS 3959-2018

Site Details						
Address:	Lot 138, Apsley Estate					
Suburb:	Mandogalup, 6167	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:	DER		
Certificate Date:	17/11/2020		



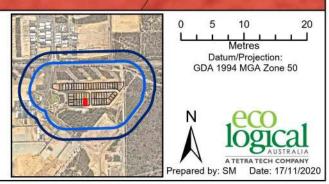
Bush	nfire Attac	k Level (	(BAL) Co	ontours -	Lot 138	(BAL - 1	2.5)			
106	107	108	109	110	111	112	113	114	115	116
				-						
146	147	148	149	150	151	152		154	155	156
144	142	141	140	139	138	137		135	134	133
									-	

31m

### 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



Determined in accordance with AS 3959-2018

Site Details							
Address:	Lot 139, Apsley Estate	Lot 139, Apsley Estate					
Suburb:	Mandogalup, 6167	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.

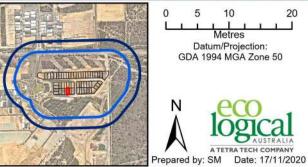
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		



Bus	Bushfire Attack Level (BAL) Contours - Lot 139 (BAL - 12.5)									
105	106	107	108	109	110	111	112	113	114	115
	146	147	148	149	150	151	152		154	155
	144	142	141	140	139	138	137		135	134
	143									
				30m						

 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



Determined in accordance with AS 3959-2018

Site Details						
Address:	Lot 140, Apsley Estate					
Suburb:	Mandogalup, 6167	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:	DER		
Certificate Date:	17/11/2020		

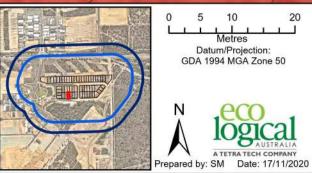


Bushfire Attack Level (BAL) Contours - Lot 140 (BAL - 12.5)								
105 106	107	108	109	110	111	112	113	114
26.0				-4				
146	147	148	149	150	151	152		154
145								
144	142	141	140	139	138	137		135
143			1	-				
			30m					
						-		
						1		
	105     106       146       145       144	105     106     107       146     147       145     147       144     142	105     106     107     108       146     147     148       145     147     148       144     142     141	105     106     107     108     109       146     147     148     149       145     147     148     149       144     142     141     140       143     142     141     140	105         106         107         108         109         110           146         147         148         149         150           145         147         148         149         150           144         142         141         140         139           143         142         141         140         139	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

 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



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	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:	DER		
Certificate Date:	17/11/2020		



Bushfire A	Attack Level	(BAL) (	Contours -	Lot 141	(BAL - 1	12.5)			
104	105	106	107	108	109	110	111	112	113
	146		147	148	149	150	151	152	
	145								
	144		142	141	140	139	138	137	
	143								
150m sit	te assessment te assessment tion back (3m) e Hazard Interface e to bushfire interface	E E	fire Attack Lev 3AL - FZ 3AL - 40 3AL - 29 3AL - 19 3AL - 12.5 3AL - LOW	el (BAL)				0 5 10 Metre Datum/Pro GDA 1994 MG	A Zone 50

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:	DER		
Certificate Date:	17/11/2020		

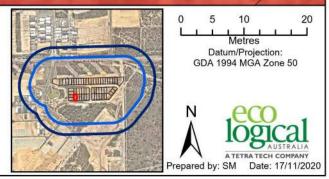


<b>Bushfire Attack Leve</b>	el (BAL) Contours	- Lot 142 (	*BAL - 1	9)			
103 104	105 106	107	108	109	110	111	112
	146	147	148	149	150	151	152
	145						
	144	142	141	140	139	138	137
	143						
	25m						
							/

3-	Construction of the second
	100m site assessment
	150m site assessment
	Lot location *Intersects multiple BAL contours
	Lot Setback (3m)
()	Bushfire Hazard Interface
$\leftrightarrow$	Distance to bushfire hazard interface

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

BAL - LOW



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**

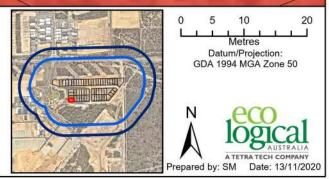
I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959-2018.

Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		



Bushf	Bushfire Attack Level (BAL) Contours - Lot 143 (*BAL - 19)									
101	102	103		104	105	106	107	108	109	110 111
and the second second										
				1			1 Cast			
					146					
3										450
							147	148	149	150
					145					
				-						
11					144					
				F			142	141	140	139
					14	.3			1000	
	1									
	And and									
	1					21m				
1	and the					8	-		and the second	
							1			
1.2	1	5								
	1									
1										
1										
1										

- 100m site assessment
   150m site assessment
   Lot location \*Intersects multiple BAL contours
   Bushfire Hazard Interface
   Distance to bushfire
  - Distance to bushfire hazard interface
- Bushfire Attack Level (BAL) BAL - FZ BAL - 40 BAL - 29 BAL - 19 BAL - 12.5 BAL - LOW



Determined in accordance with AS 3959-2018

Site Details						
Address:	Lot 144, Apsley Estate	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.

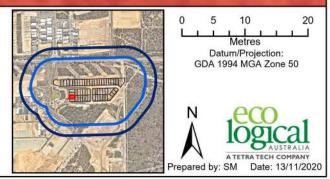
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		



Bus	hfire Attacl	k Level (BA	L) Contour	s - Lot 14	44 (BAL	- 12.5)			
101	102	103	104	105	106	107	108	109	110 111
1.15				146		147	148	149	150
				145					
4				144		142	141	140	139
		-		143				-	
	2		36m						
						7			
									100

- 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



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		

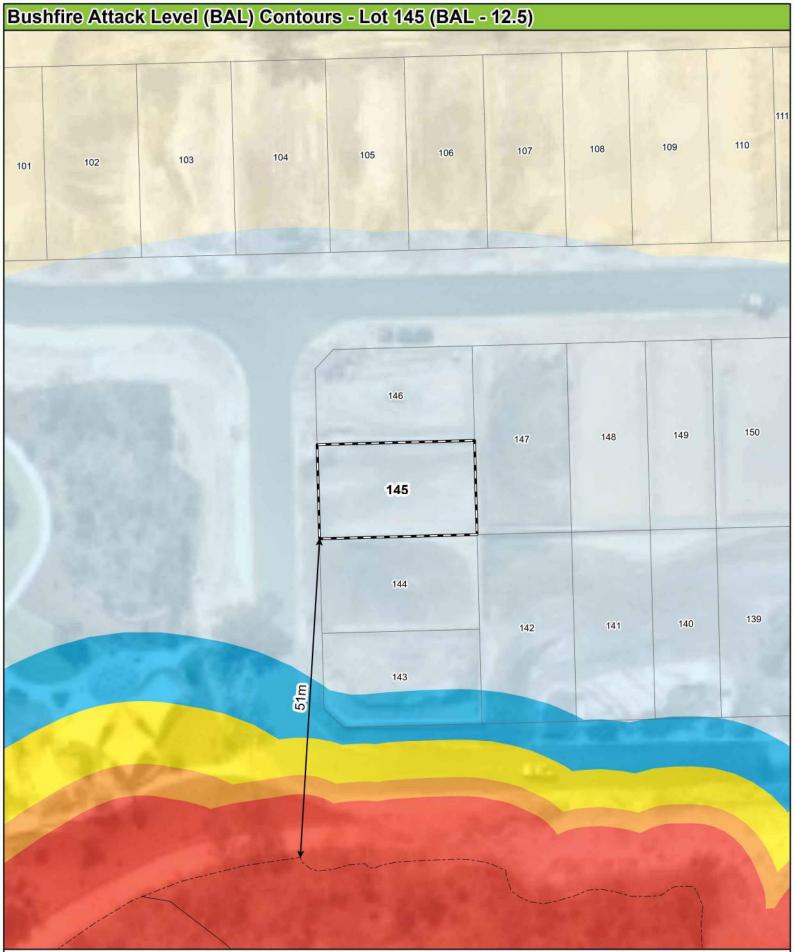
Determination of Highest Bushfire Attack Level						
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL		
Method 1	Class D scrub	Upslope / Flat Land	51 m	BAL - 12.5		

#### **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:	DER		
Certificate Date:	17/11/2020		

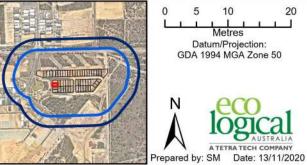




- 100m site assessment
   150m site assessment
  - Lot location
  - Bushfire Hazard Interface
- Distance to bushfire hazard interface

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

BAL - LOW



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		

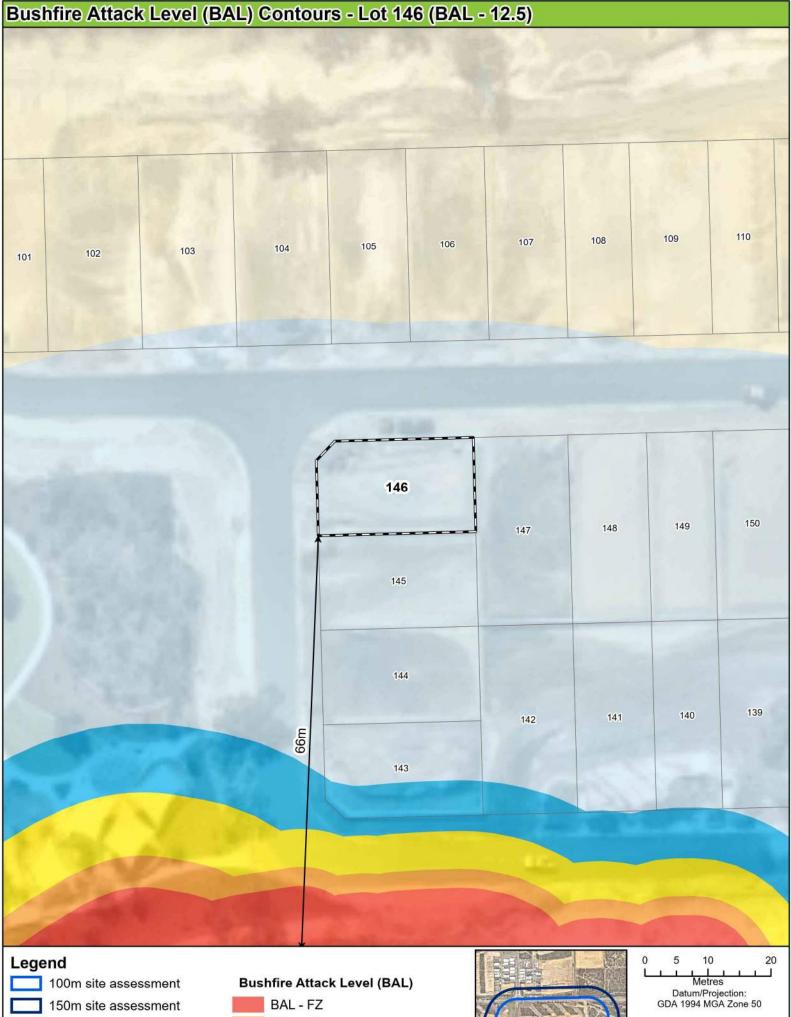
Determination of Highest Bushfire Attack Level						
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL		
Method 1	Class D scrub	Upslope / Flat Land	66 m	BAL - 12.5		

#### **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:	DER		
Certificate Date:	17/11/2020		

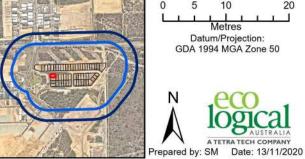




Lot location Bushfire Hazard Interface

 Distance to bushfire hazard interface

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



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		

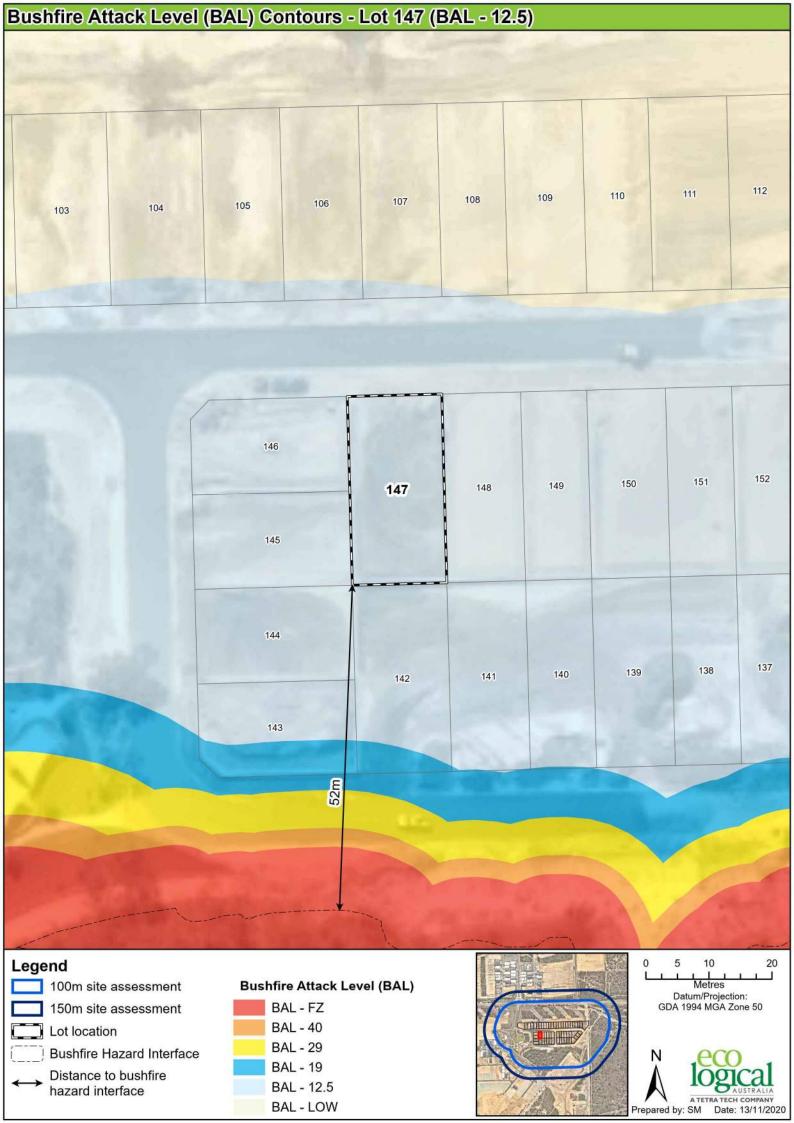
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	52 m	BAL - 12.5

#### **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:	DER		
Certificate Date:	17/11/2020		





Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 148, Apsley Estate	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	

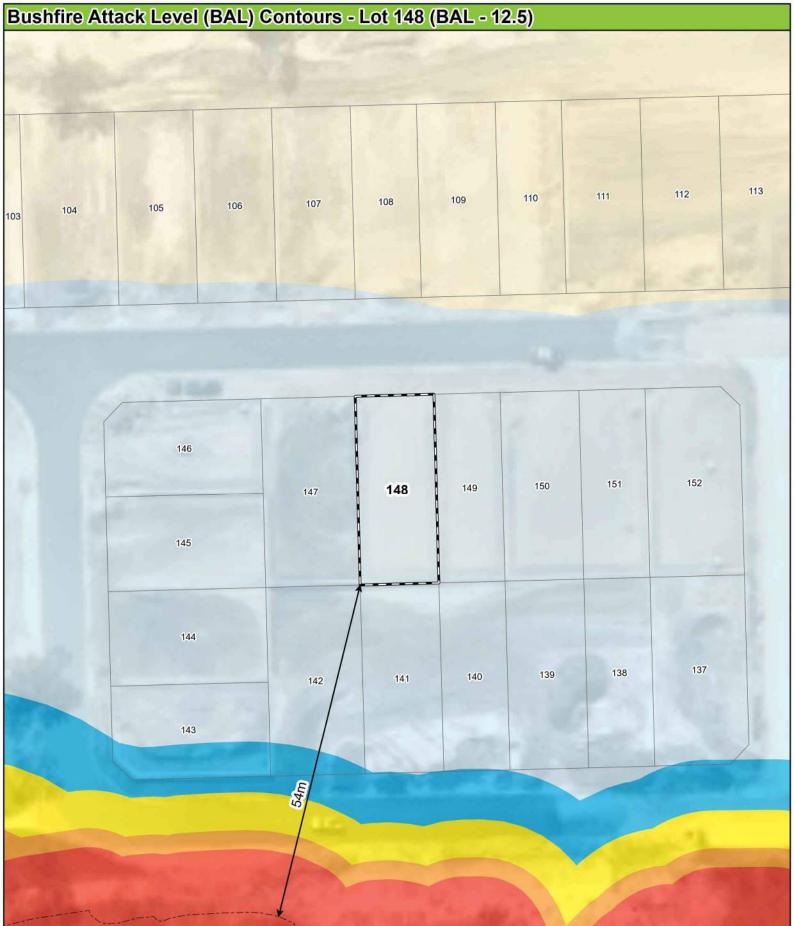
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	54 m	BAL - 12.5

#### **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.

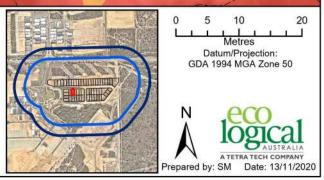
Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		





- 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



Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 149, Apsley Estate	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	

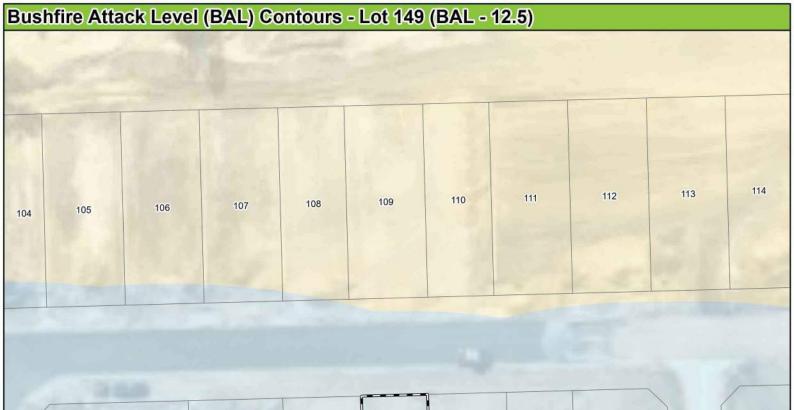
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 m	BAL - 12.5

#### **Practitioner Details**

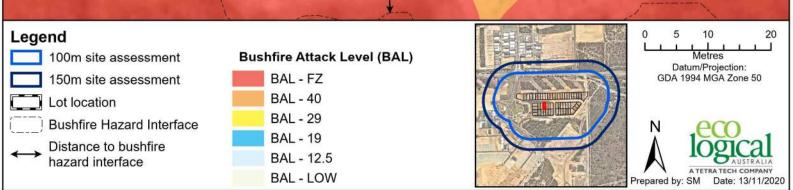
I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959-2018.

Name	Daniel Panickar Eco Logical Australia		
Signature:	DER		
Certificate Date:	17/11/2020		





146	147	148	149	150	151	152	154
144	142	141	140	139	138	137	135
143			E				
			57m				



Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 150, Apsley Estate	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	

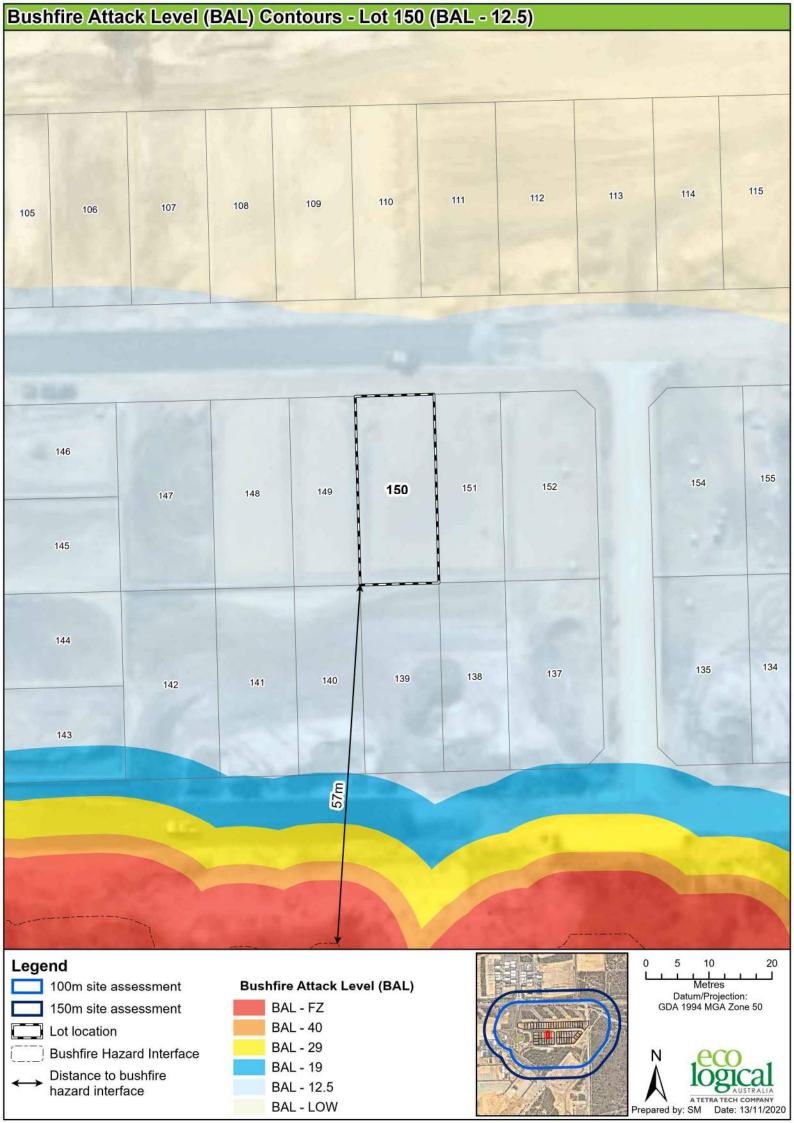
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 m	BAL - 12.5

#### **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:	DER		
Certificate Date:	17/11/2020		





Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 151, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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

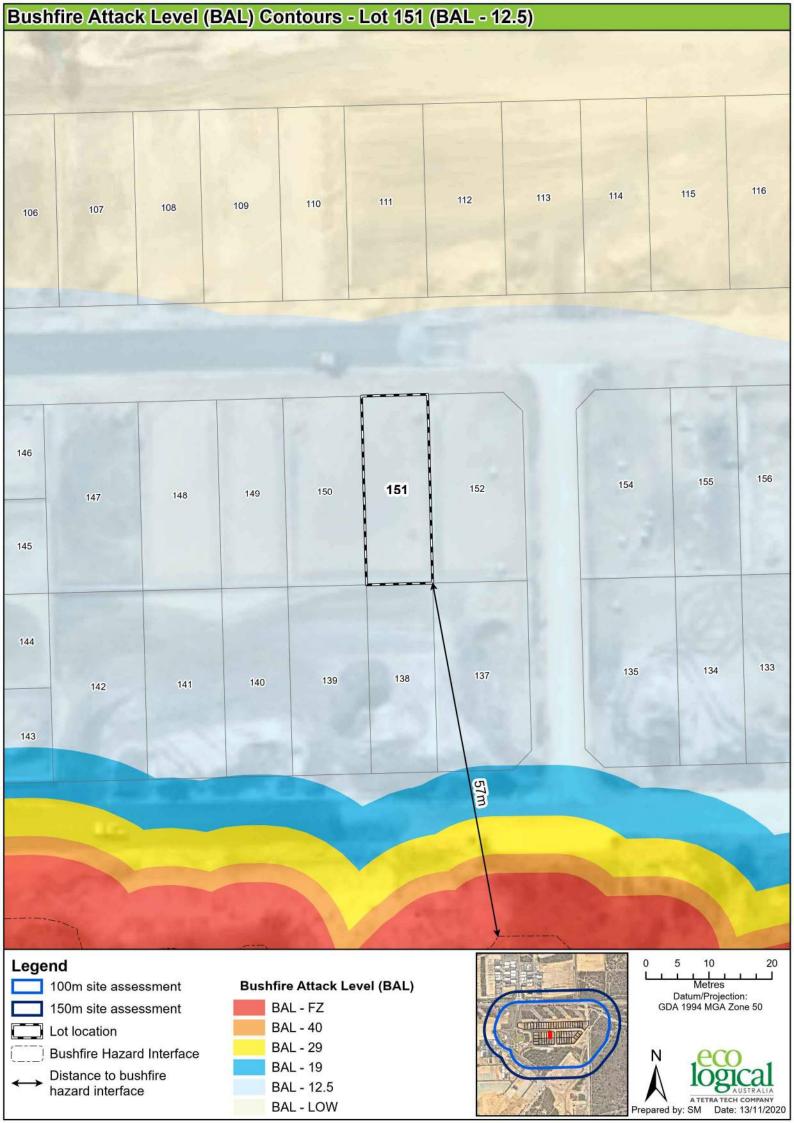
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	57 m	BAL - 12.5

#### **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:	DER	
Certificate Date:	17/11/2020	





Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 152, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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

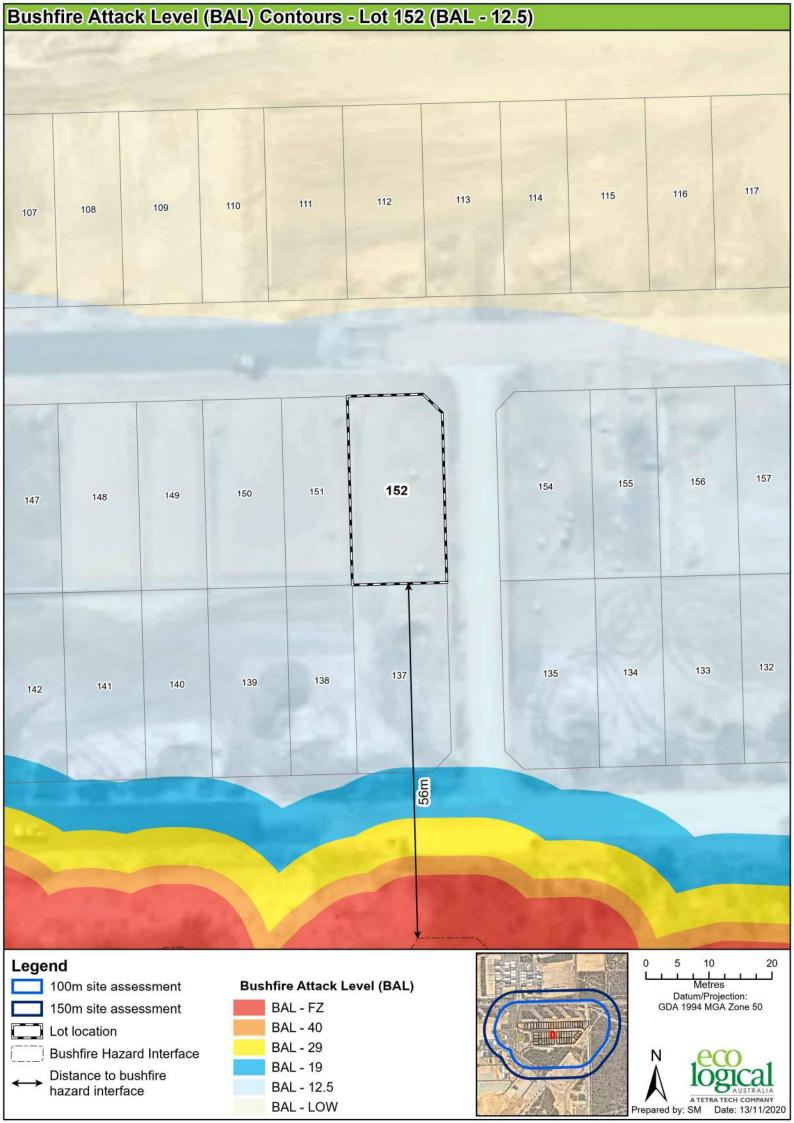
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	56 m	BAL - 12.5

#### **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:	DER	
Certificate Date:	17/11/2020	





Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 154, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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:	DER	
Certificate Date:	17/11/2020	





Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 155, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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

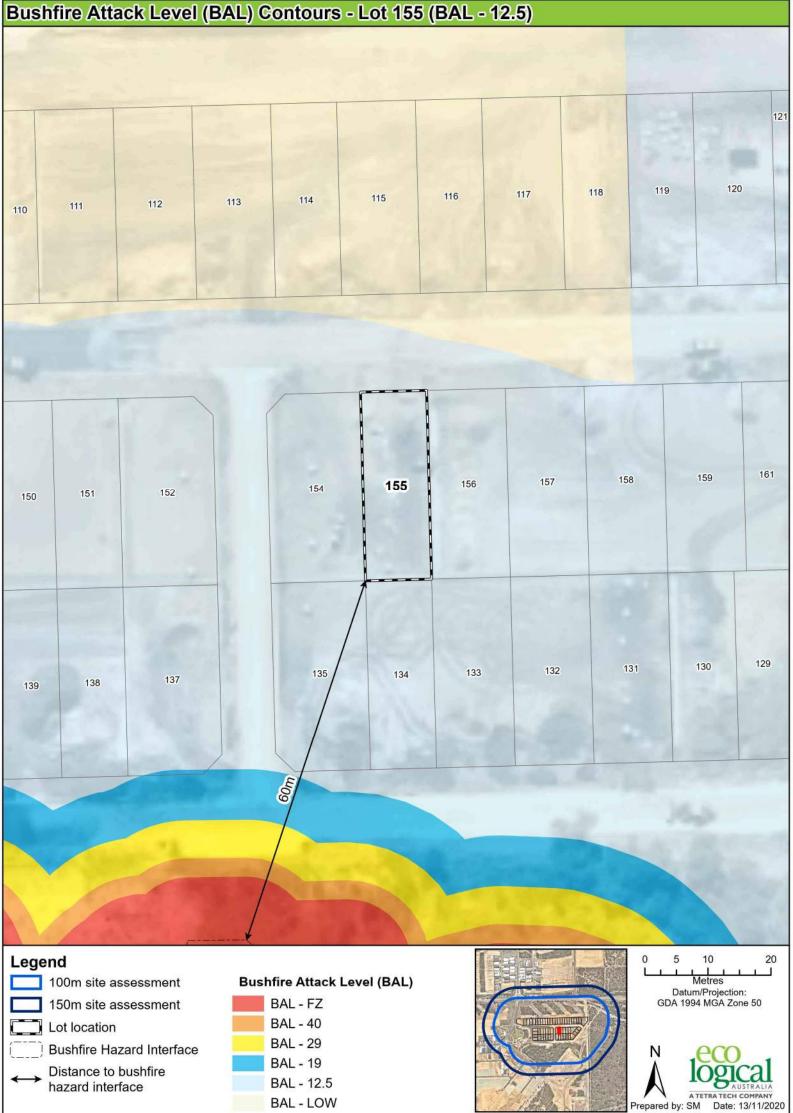
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	60 m	BAL - 12.5

#### **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:	DER	
Certificate Date:	17/11/2020	





Prepared by: SM

Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 156, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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

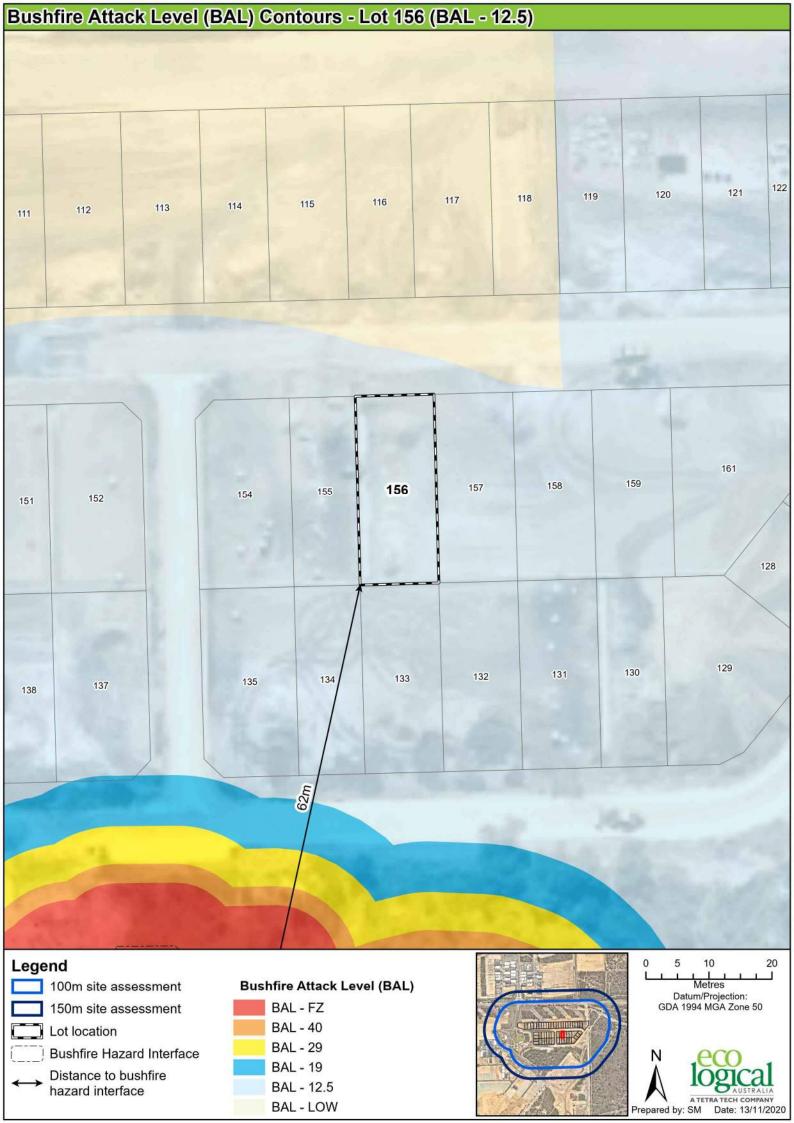
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	62 m	BAL - 12.5

#### **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:	DER	
Certificate Date:	17/11/2020	





Determined in accordance with AS 3959-2018

Site Details				
Address:	Lot 157, Apsley Estate	Lot 157, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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	

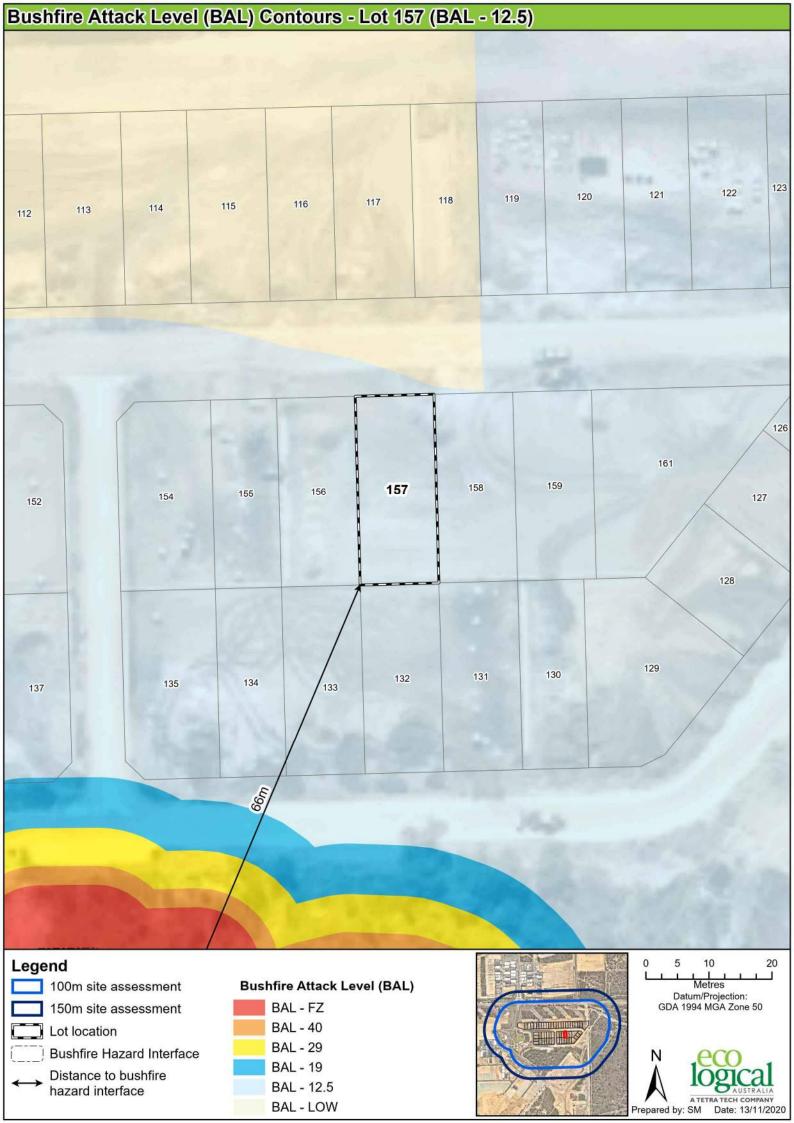
Determination of Highest Bushfire Attack Level				
AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D scrub	Upslope / Flat Land	66 m	BAL - 12.5

#### **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:	DER	
Certificate Date:	17/11/2020	





Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 158, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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

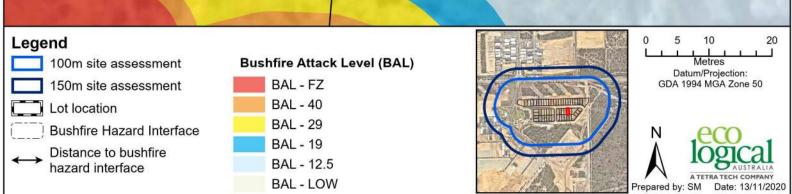
#### **Practitioner Details**

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:	DER	
Certificate Date:	17/11/2020	







Determined in accordance with AS 3959-2018

Site Details			
Address:	Lot 159, Apsley Estate		
Suburb:	Mandogalup, 6167 State: WA		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:	DER	
Certificate Date:	17/11/2020	

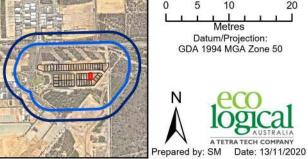




**Bushfire Hazard Interface** 

Distance to bushfire hazard interface

BAL - 29 BAL - 19 BAL - 12.5 BAL - LOW



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:	DER		
Certificate Date:	17/11/2020		



