

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 853 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 889 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 889

036912m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

DATA SOURCE

Nearmap Imagery (19 April, 2025)

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

PROJECT NUMBER

A23.122

VERSION

0

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd

08 6244 2310 | enquiries@westernenv.com.au

Level 1/25 Province St, West Perth WA 6005

westernenv.com.au

Designed and Assembled by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 890 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			BAL-LOW

Practitioner Details

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Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 891 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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

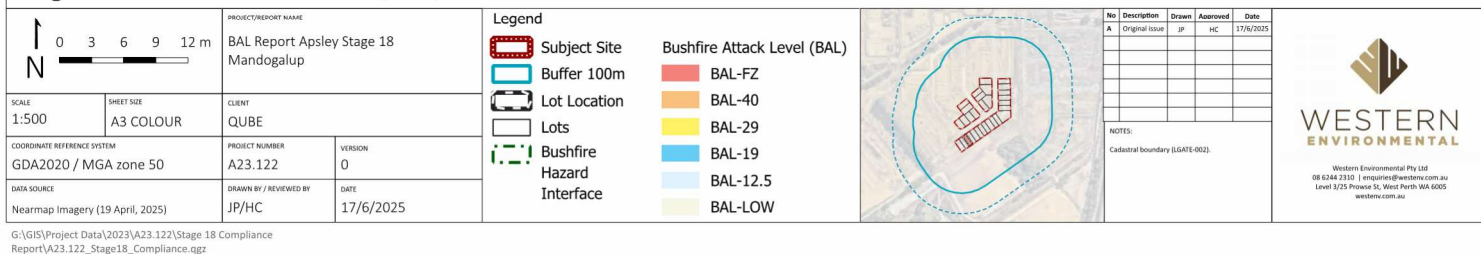
Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 892 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			BAL-LOW

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Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 893 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			BAL-LOW

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Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 894 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 894

0

3

6

9

12 m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No

Description

Drawn

Approved

Date

A

Original issue

JP

HC

17/6/2025

NOTES:

Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd

08 6244 2310 | enquiries@western.com.au

Level 1/25 Province St, West Perth WA 6005

western.com.au

Designed and Automated by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 895 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 896 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			BAL-LOW

Practitioner Details

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Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 897 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 897

036912m

N

SCALE1:500

SHEET SIZEA3 COLOUR

COORDINATE REFERENCE SYSTEMGDA2020 / MGA zone 50

DATA SOURCENearmap Imagery (19 April, 2025)

PROJECT/REPORT NAMEBAL Report Apsley Stage 18 Mandogalup

CLIENTQUBE

PROJECT NUMBERA23.122

VERSION0

DRAWN BY / REVIEWED BYJP/HC

DATE17/6/2025

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L/GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westernem.com.au
Level 1/25 Power St, West Perth WA 6005
westernem.com.au

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Designed and Assembled by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 898 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 898

036912m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

DATA SOURCE

Nearmap Imagery (19 April, 2025)

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandagalup

CLIENT

QUBE

PROJECT NUMBER

A23.122

VERSION

0

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

Bushfire Attack Level (BAL)

Notes:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@western.com.au
Level 1/25 Power St, West Perth WA 6005
western.com.au

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 899 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			BAL-LOW

Practitioner Details

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Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 900 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 900

0

3

6

9

12 m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (LGATE-002).

Western Environmental Pty Ltd

08 6244 2310 | enquiries@westernem.com.au

Level 1/25 Province St, West Perth WA 6005

westernem.com.au

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Report\A23.122_Stage18_Compliance.qgz

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Designed and Annotated by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 901 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 901

0

3

6

9

12 m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Subject Site

Buffer 100m

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-Low

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westernenv.com.au
Level 1/25 Power St, West Perth WA 6005
westernenv.com.au

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Report\A23.122_Stage18_Compliance.qgz

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 902 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 903 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 903

0

3

6

9

12 m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

DATA SOURCE

Nearmap Imagery (19 April, 2025)

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

PROJECT NUMBER

A23.122

VERSION

0

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

Notes:

Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd

08 6244 2310 | enquiries@western.com.au

Level 1/25 Power St, West Perth WA 6005

western.com.au

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Report\A23.122_Stage18_Compliance.qgz

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Designed and Automated by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 904 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 904

0

3

6

9

12 m

1:500

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

VERSION

0

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

Western Environmental Pty Ltd

08 6244 2310 | enquiries@western.com.au

Level 1/25 Power St, West Perth WA 6005

western.com.au

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Designed and Annotated by AC

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Report\A23.122_Stage18_Compliance.qgz

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 905 - Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling Main BCA class: Class 1a

Report / Job Number: A23.122 Report Date: 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

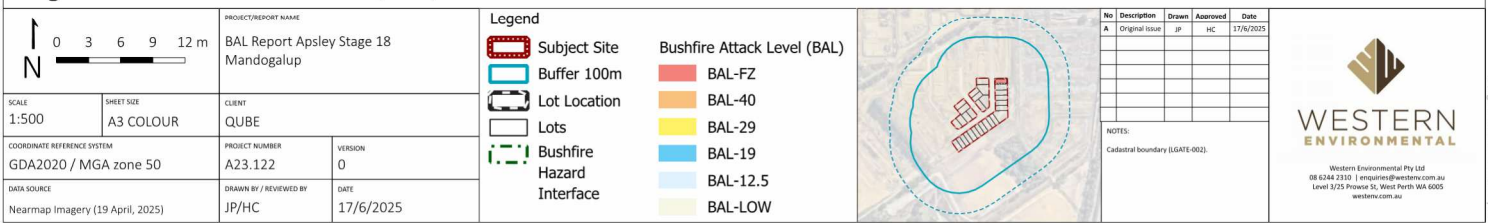
Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 905



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 926 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 926

0

3

6

9

12 m

↑

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

DATA SOURCE

Nearmap Imagery (19 April, 2025)

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

PROJECT NUMBER

A23.122

VERSION

0

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@western.com.au
Level 1/25 Princes St, West Perth WA 6005
western.com.au

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Designed and Assembled by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 927 - Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling Main BCA class: Class 1a

Report / Job Number: A23.122 Report Date: 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 928 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 928

036912m

N

SCALE
1:500

SHEET SIZE
A3 COLOUR

COORDINATE REFERENCE SYSTEM
GDA2020 / MGA zone 50

DATA SOURCE
Nearmap Imagery (19 April, 2025)

PROJECT/REPORT NAME
BAL Report Apsley Stage 18
Mandogalup

CLIENT
QUBE

PROJECT NUMBER
A23.122

VERSION
0

DRAWN BY / REVIEWED BY
JP/HC

DATE
17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L/GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@western.com.au
Level 1/25 Power St, West Perth WA 6005
western.com.au

Designed and Annotated by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 929 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 929

0

3

6

9

12 m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Bushfire Hazard Interface

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original Issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westernenv.com.au
Level 1/25 Power St, West Perth WA 6005
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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 930 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 930

0

3

6

9

12 m

N

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

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JP/HC

DATE

17/6/2025

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No

Description

Drawn

Approved

Date

A

Original issue

JP

HC

17/6/2025

NOTES:

Cadastral boundary (L/GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd

08 6244 2310 | enquiries@western.com.au

Level 1/25 Province St, West Perth WA 6005

western.com.au

Designed and Annotated by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 931 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 952 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 952

0

3

6

9

12 m

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N

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

WESTERN
ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westernenv.com.au
Level 1/25 Province St, West Perth WA 6005
westernenv.com.au

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 953 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 954 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 955 - Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling Main BCA class: Class 1a

Report / Job Number: A23.122 Report Date: 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 955

1

N

0

3

6

9

12 m

SCALE

1:500

SHEET SIZE

A3 COLOUR

PROJECT/REPORT NAME

BAL Report Apsley Stage 18
Mandogalup

CLIENT

QUBE

COORDINATE REFERENCE SYSTEM

GDA2020 / MGA zone 50

PROJECT NUMBER

A23.122

VERSION

0

DATA SOURCE

Nearmap Imagery (19 April, 2025)

DRAWN BY / REVIEWED BY

JP/HC

DATE

17/6/2025

Legend

Subject Site

Buffer 100m

Lot Location

Lots

Bushfire Hazard Interface

Bushfire Attack Level (BAL)

BAL-FZ

BAL-40

BAL-29

BAL-19

BAL-12.5

BAL-LOW

No	Description	Drawn	Approved	Date
A	Original issue	JP	HC	17/6/2025

NOTES:
Cadastral boundary (L.GATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westernenv.com.au
Level 1/25 Powerhouse St, West Perth WA 6005
westernenv.com.au

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Report\A23.122_Stage18_Compliance.qgz

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 956 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

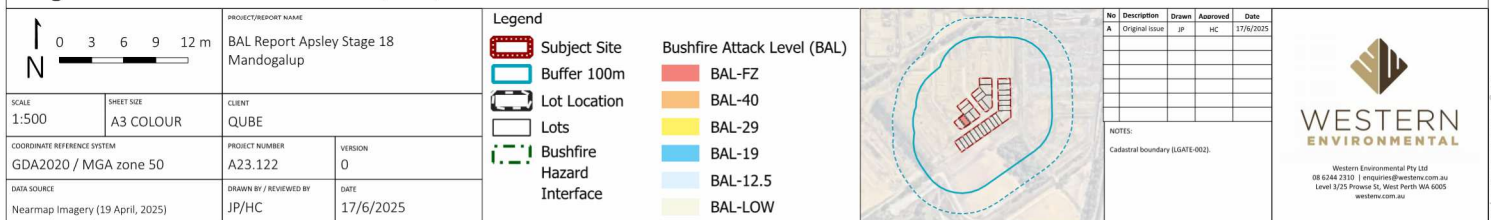
Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025



Figure: Bushfire Attack level (BAL) Contours - Lot 956



Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 957 - Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

Use of building: Residential Dwelling **Main BCA class:** Class 1a

Report / Job Number: A23.122 **Report Date:** 17/6/2025

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	No classifiable vegetation within 100m			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
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 17/6/2025



Accreditation No: BPAD 37802
Expiry: December 2025

