Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 106 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**46.21 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

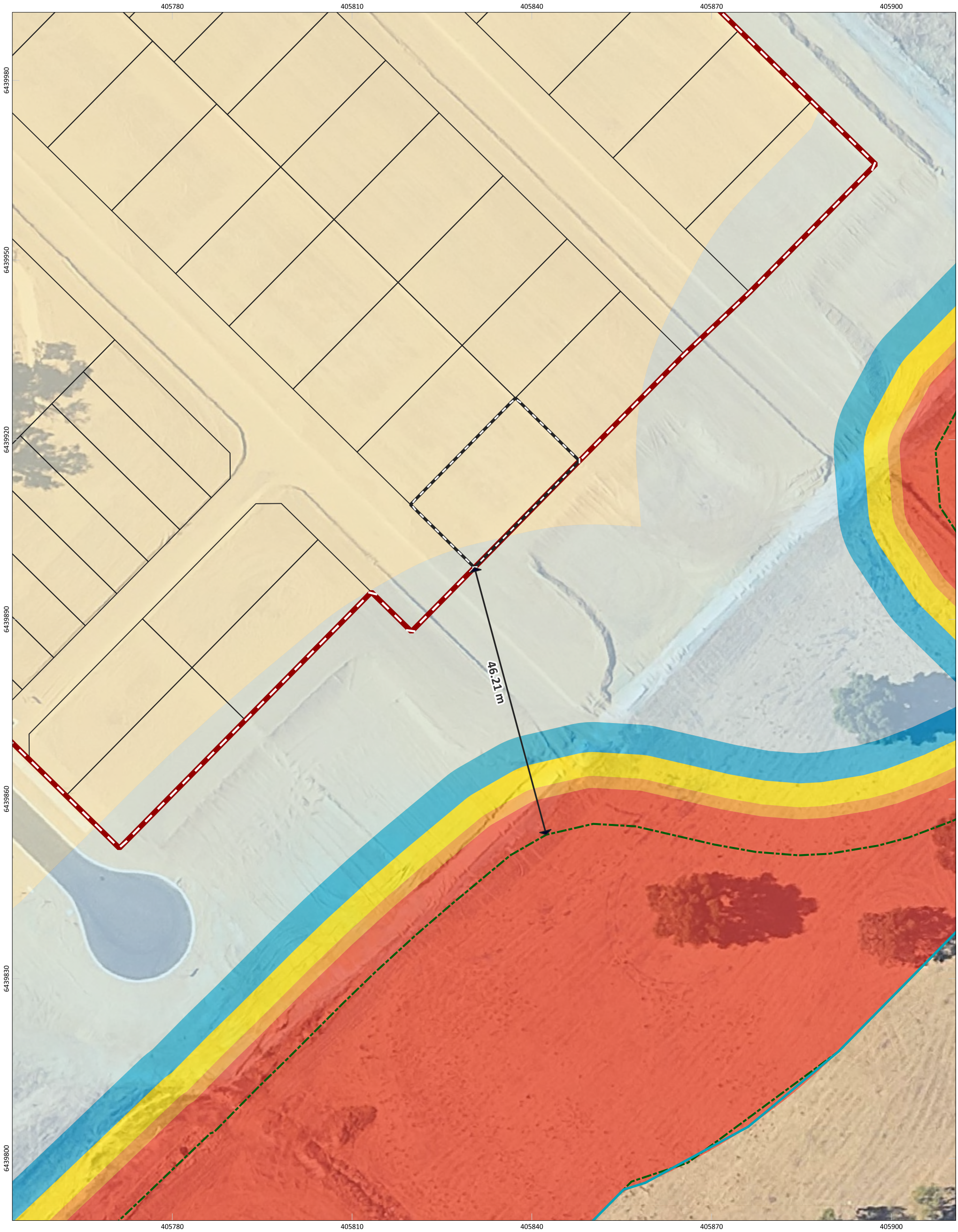
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 106

N

0 4 8 12 16 m

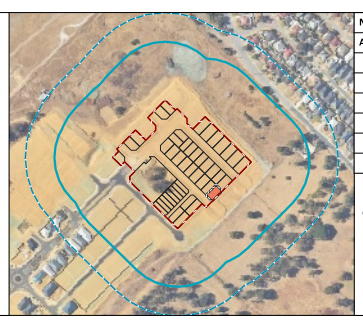
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:593
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
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Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 107 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**59.62 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

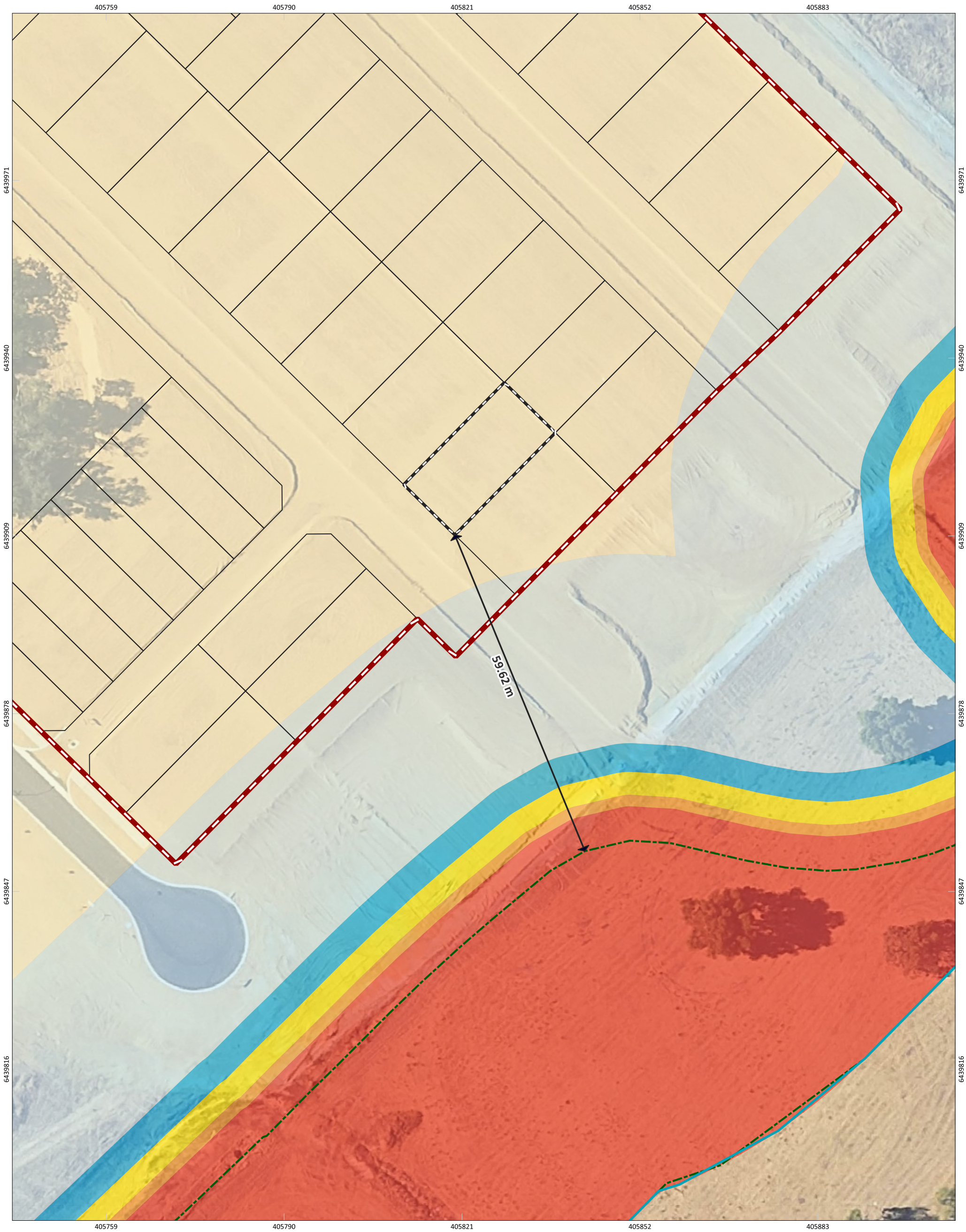
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 107

N

0 4 8 12 16 m

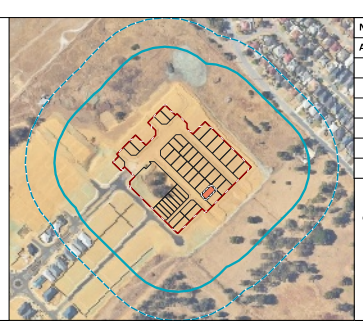
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:618
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 108 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**71.29 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 108

N

0 4 8 12 16 m

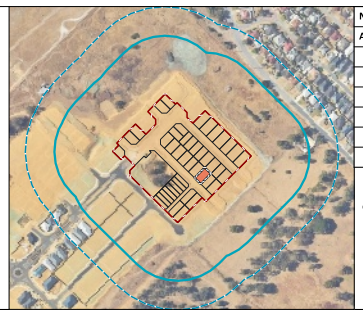
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:649	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 109 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**85.59 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 109

N

0 5 10 15 20 m

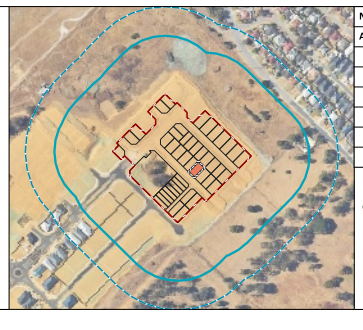
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:680	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 110 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**100.03 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

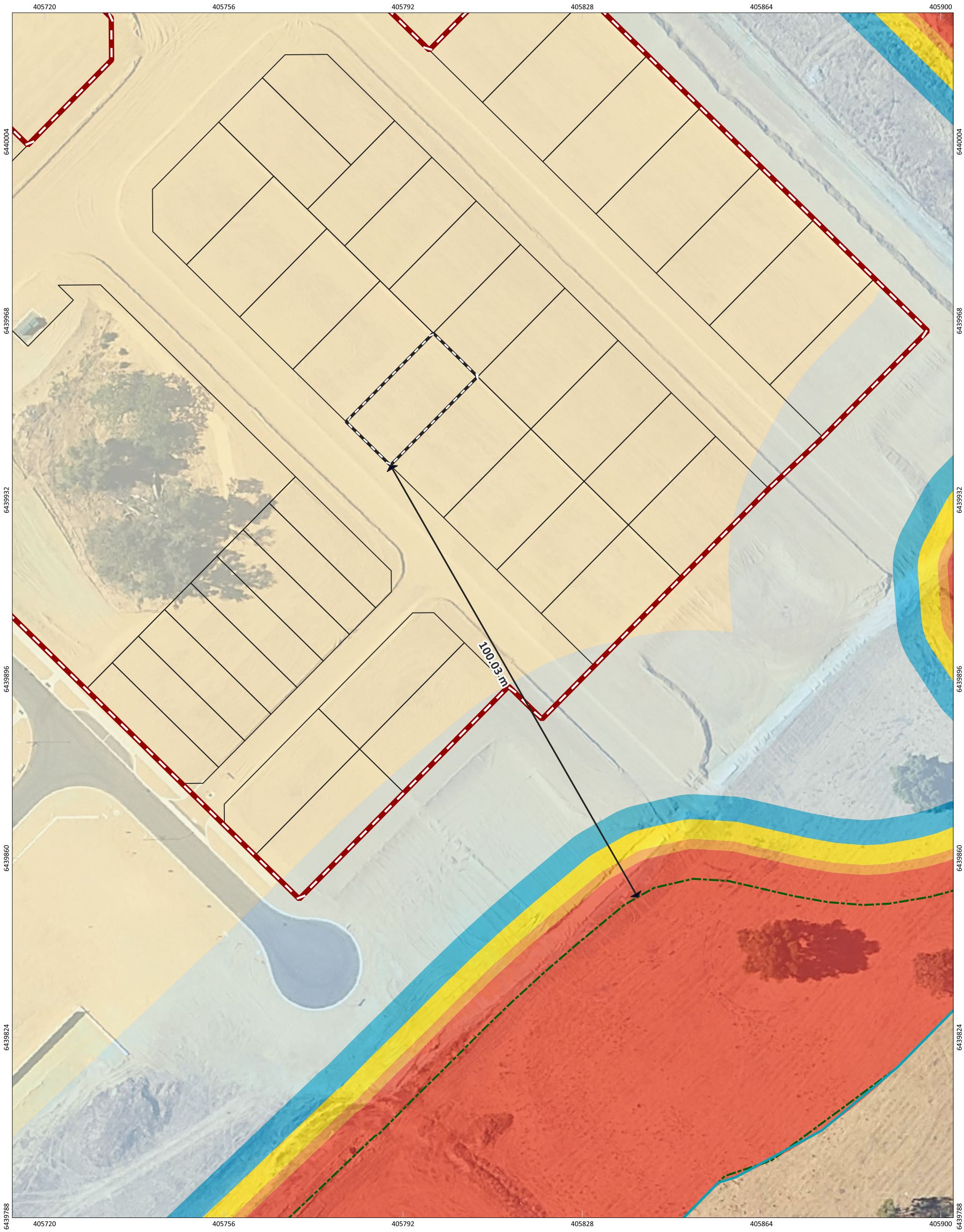
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 110

N

0 5 10 15 20 m

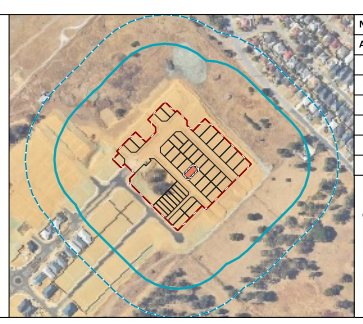
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:711
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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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 111 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**112.06 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 111

N

0 5 10 15 20 m

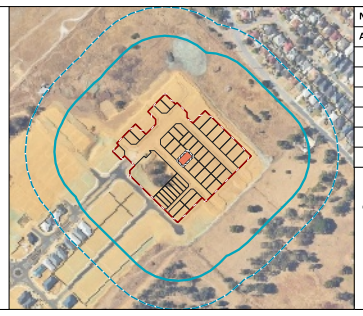
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:747
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

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Level 3/25 Prowse St, West Perth WA 6005
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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 112 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**109.76 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

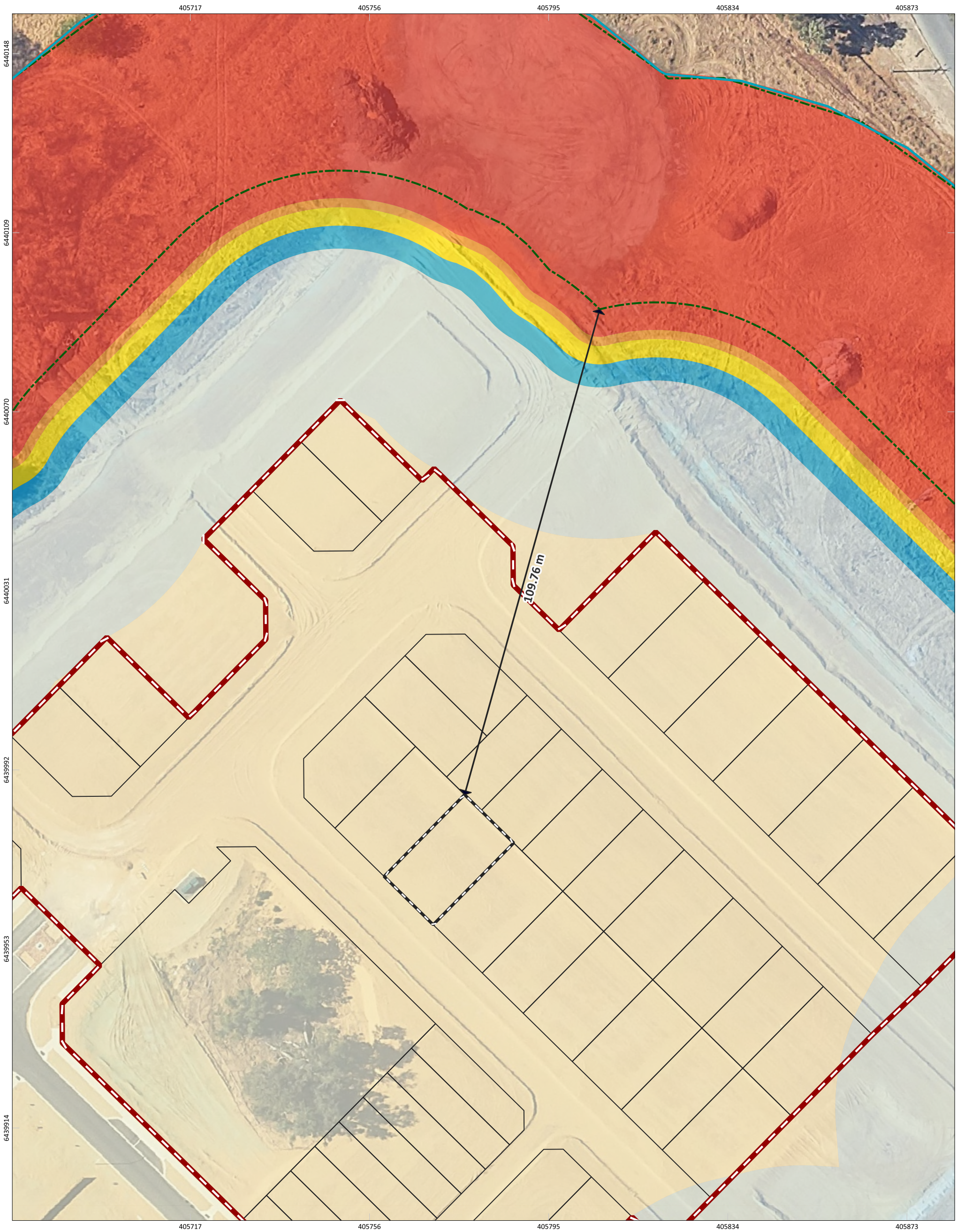
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 112

N

0 5 10 15 20 m

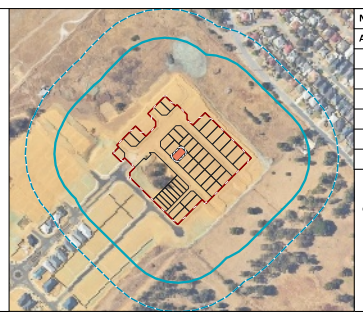
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:772	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
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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 113 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**103.33 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

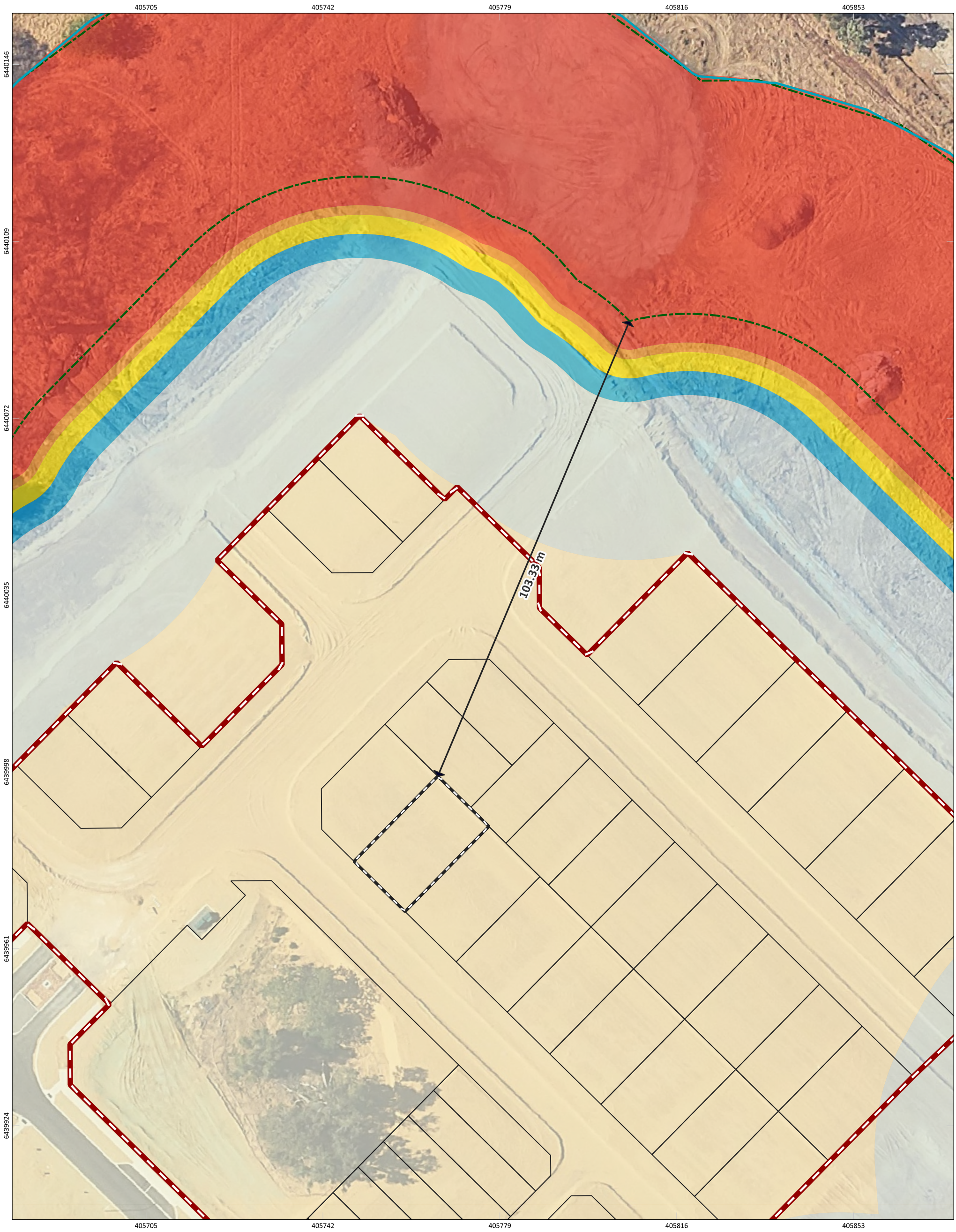
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 113

N

0 5 10 15 20 m

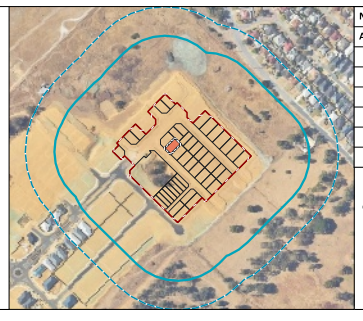
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:741
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Western Environmental Pty Ltd
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Level 3/25 Prowse 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 114 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**96.79 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

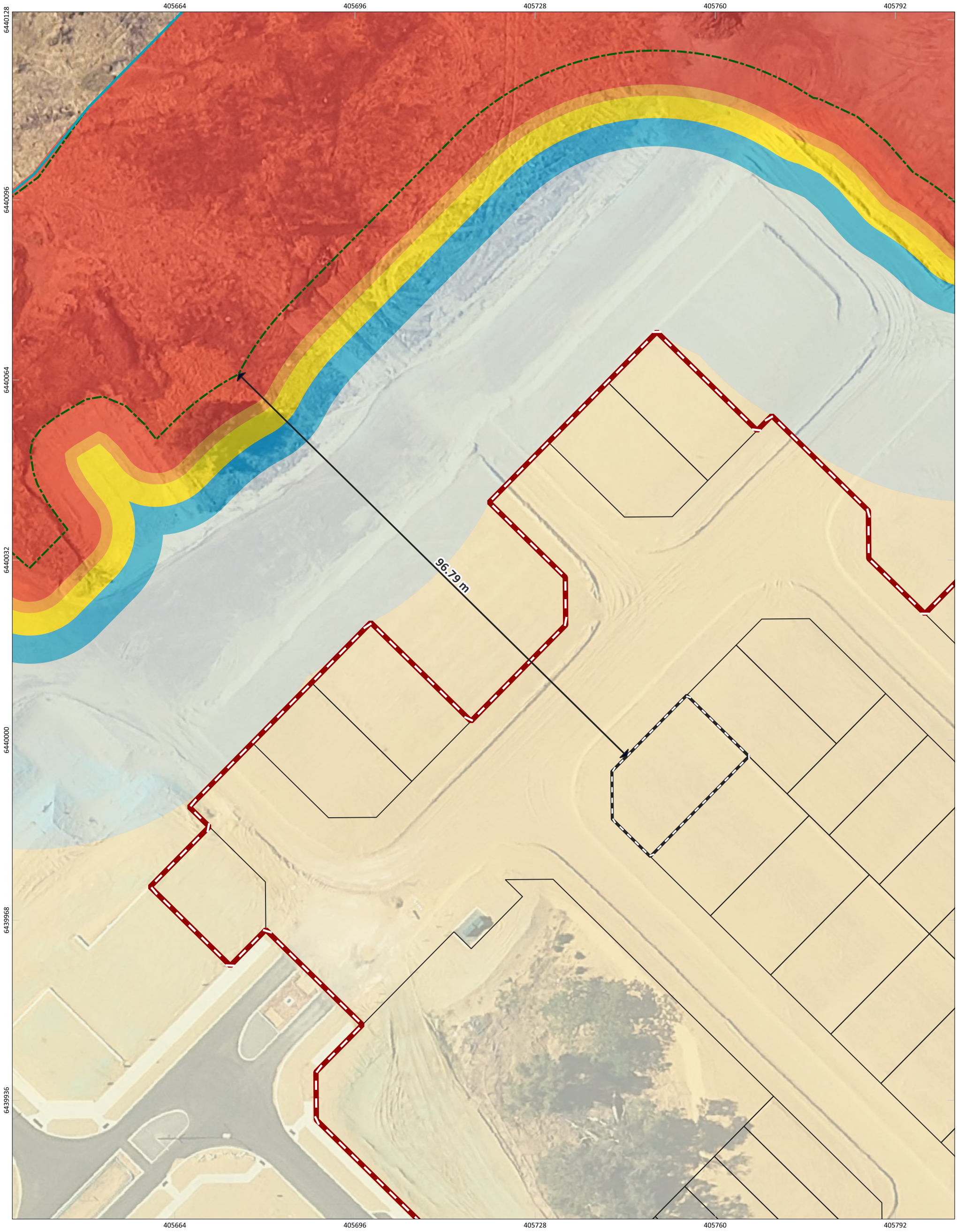
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 114

N

0 4 8 12 16 m

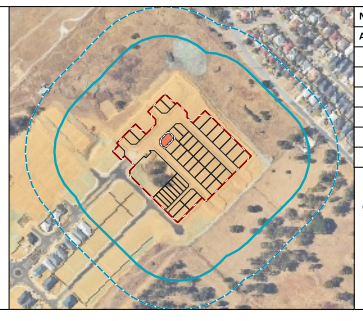
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:630
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 131 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50 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

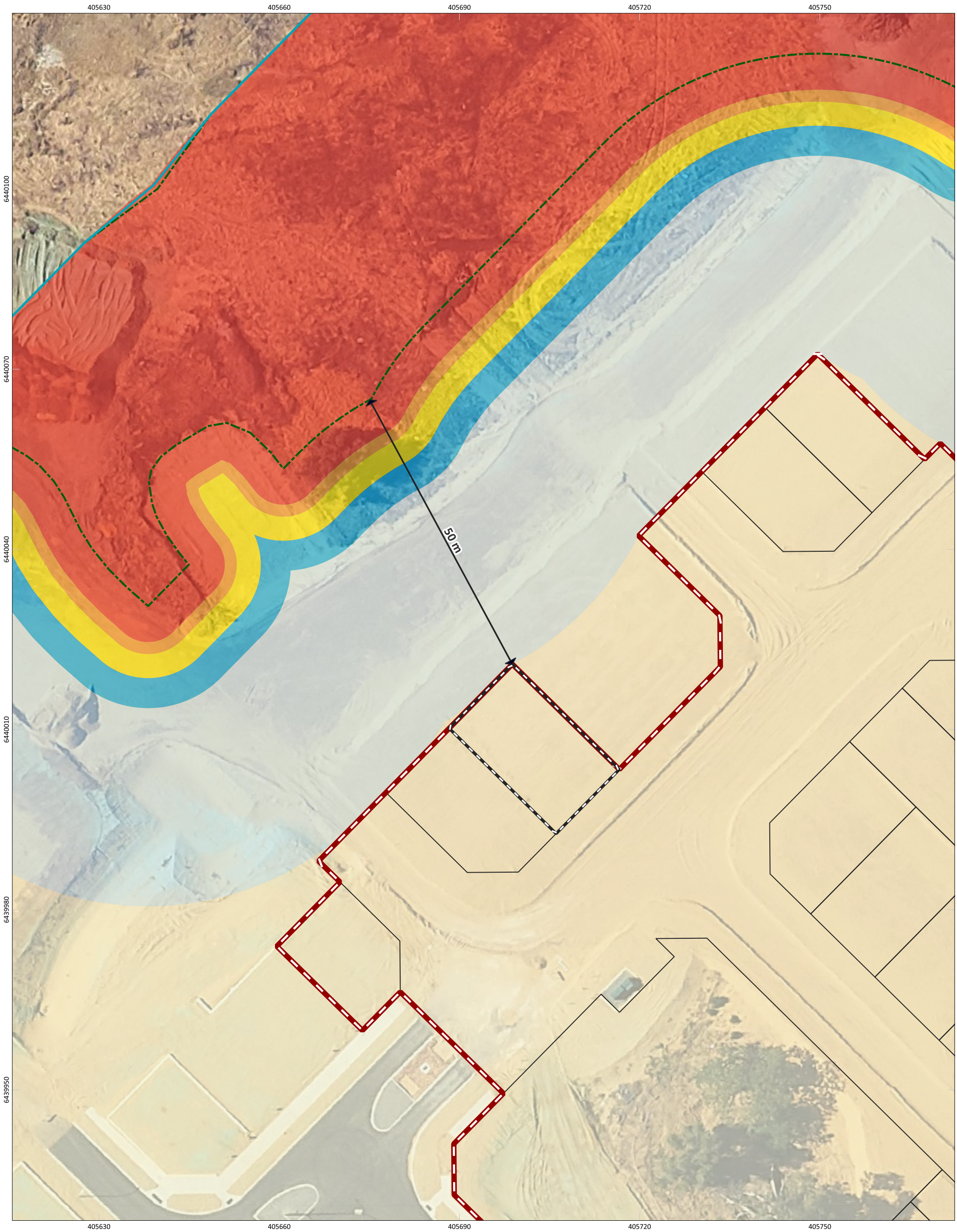
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 131

0 4 8 12 16 m

N

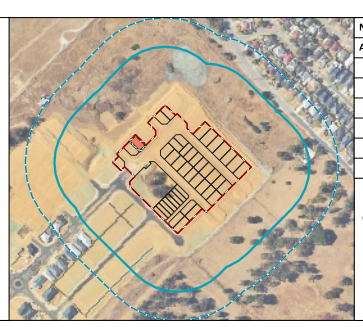
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:591
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Level 3/25 Prowse 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 132 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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

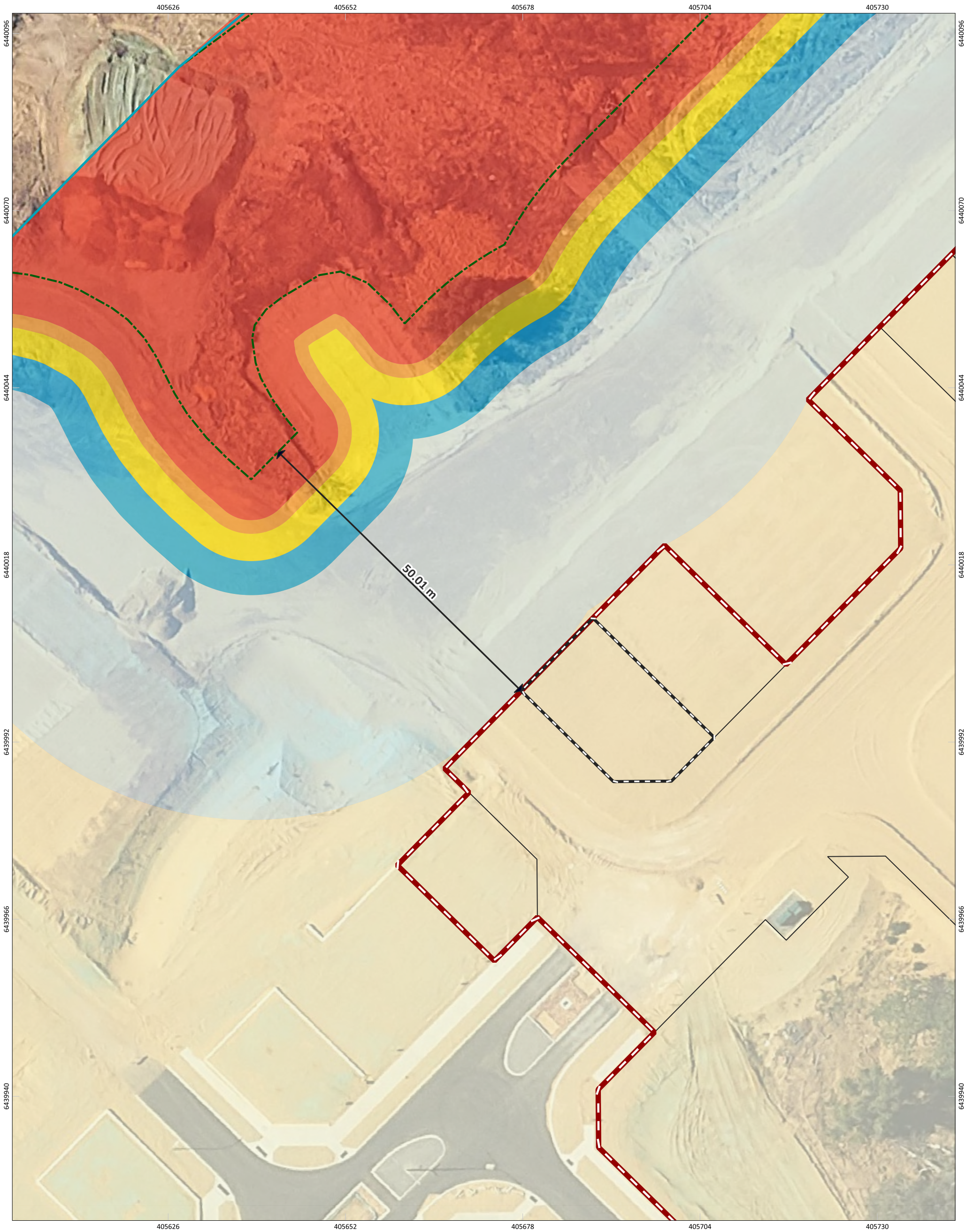
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 132

N

0 3 6 9 12 m

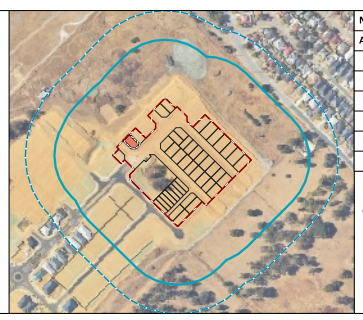
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:521	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 133 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**55.97 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

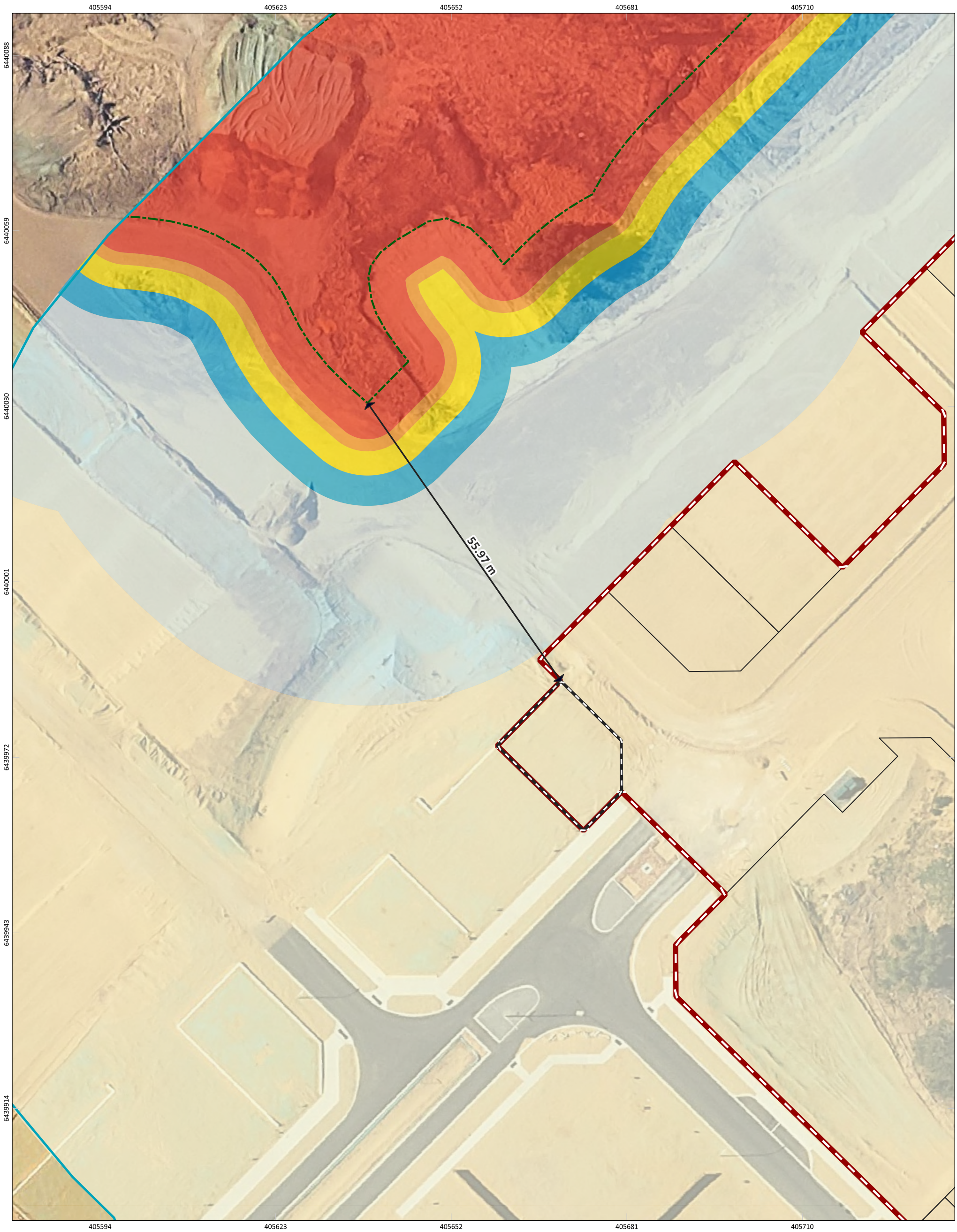
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 133

N

0 4 8 12 16 m

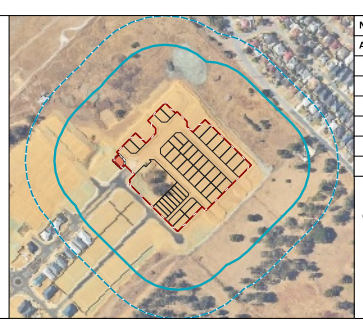
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:586
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 153 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**77.83 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

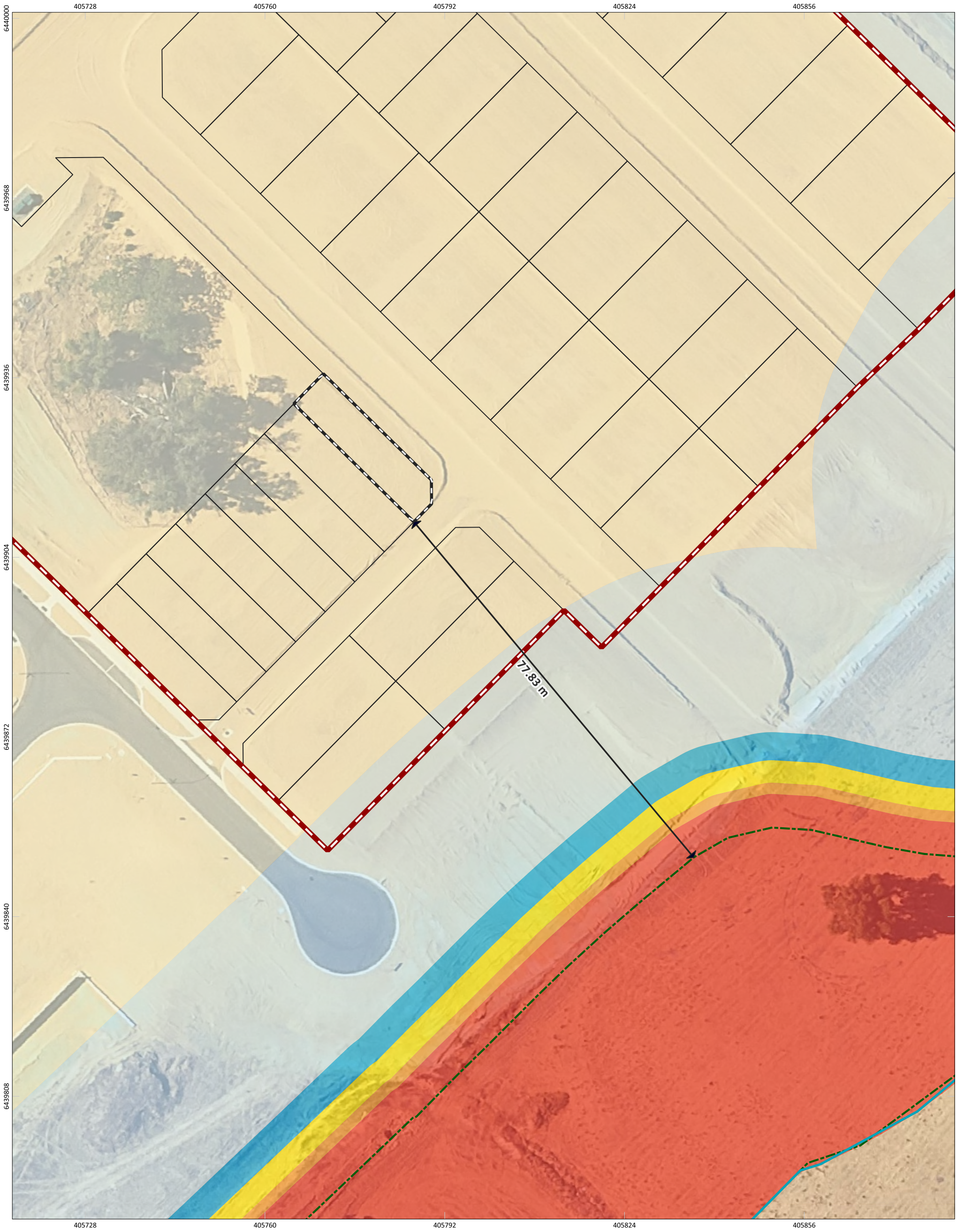
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 153

N

0 4 8 12 16 m

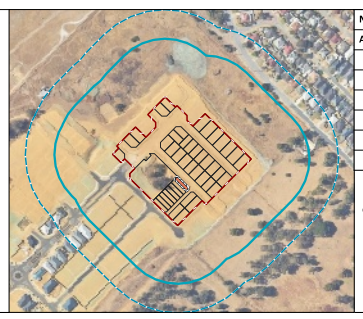
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:631	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 154 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**77.09 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

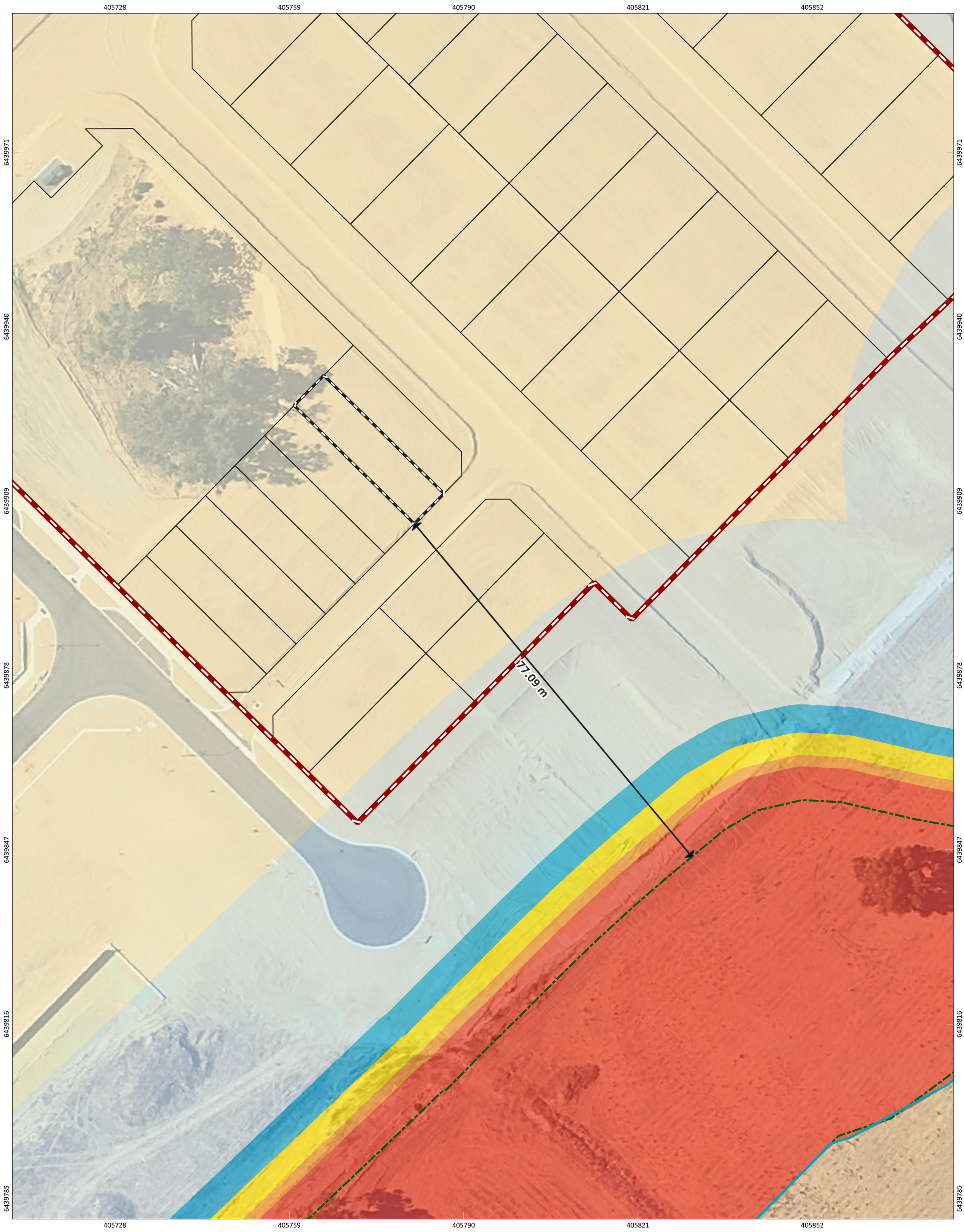
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 154

N
0 4 8 12 16 m

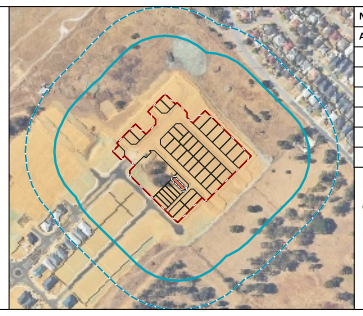
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:630	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 155 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**76.37 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

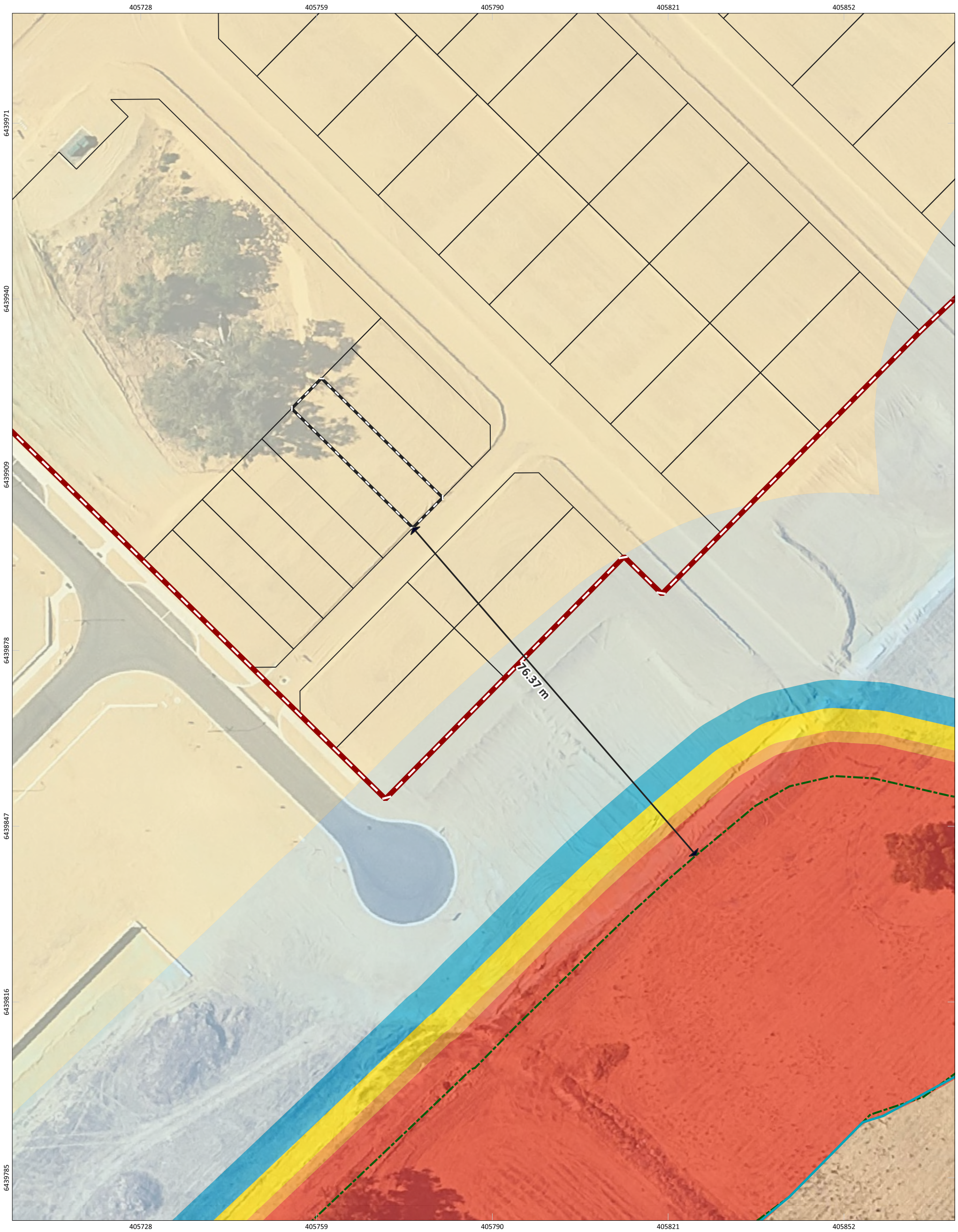
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 155

N

0 4 8 12 16 m

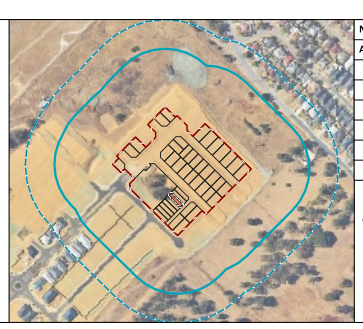
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:626
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 156 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**75.77 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 156

N

0 4 8 12 16 m

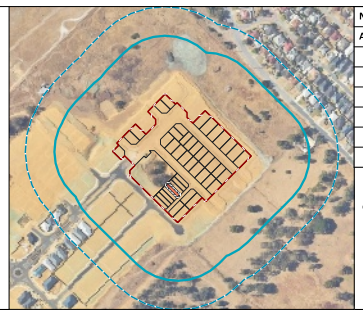
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:623
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 157 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**75.35 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

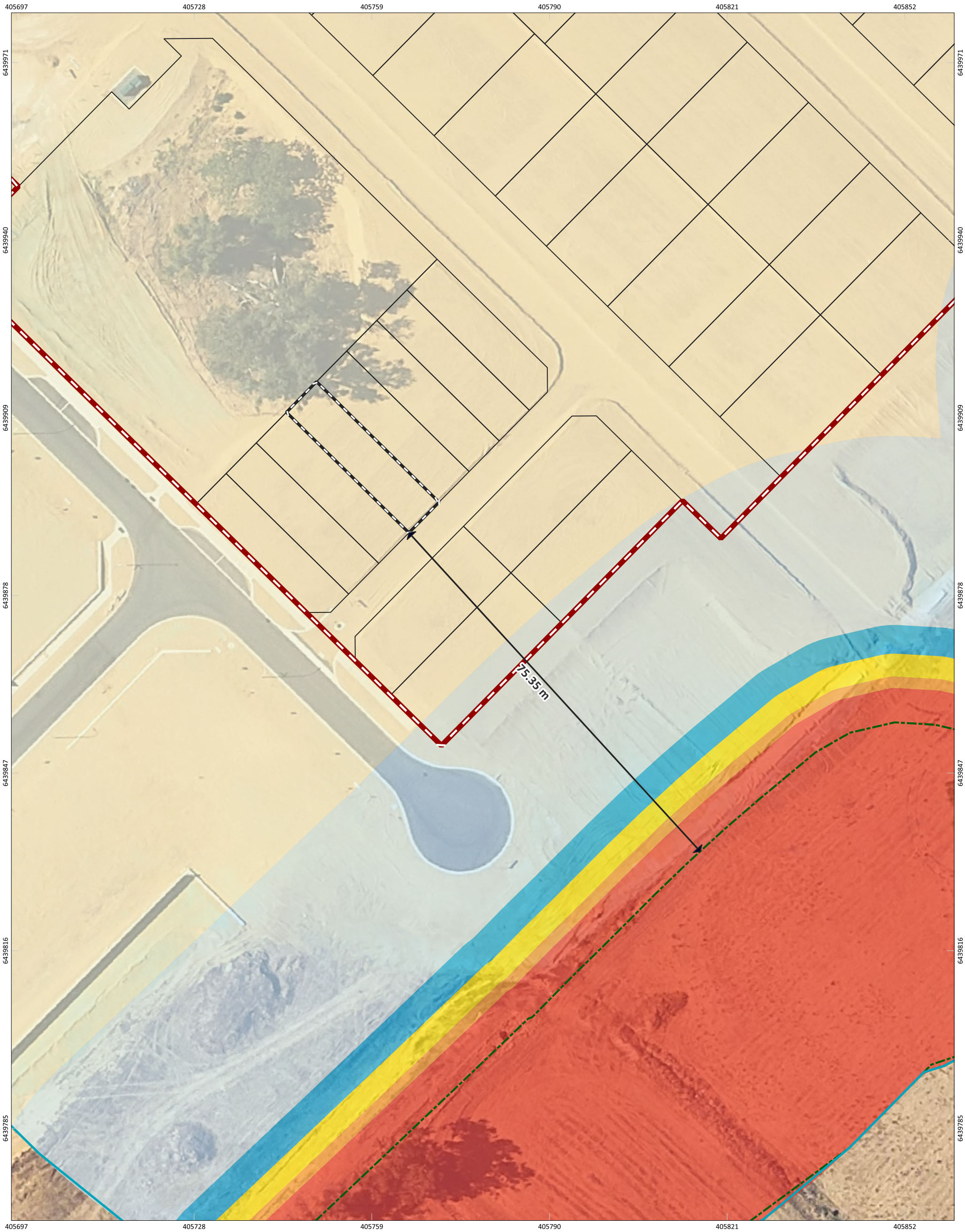
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 157

N

0 4 8 12 16 m

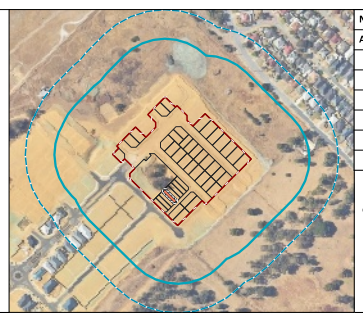
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:619
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 158 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**75.05 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 158

N

0 4 8 12 16 m

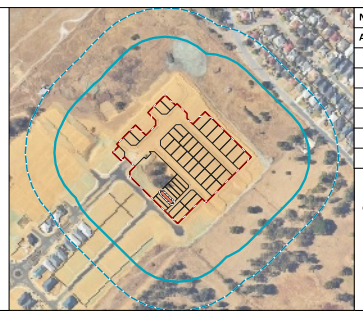
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:614
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 159 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**74.88 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

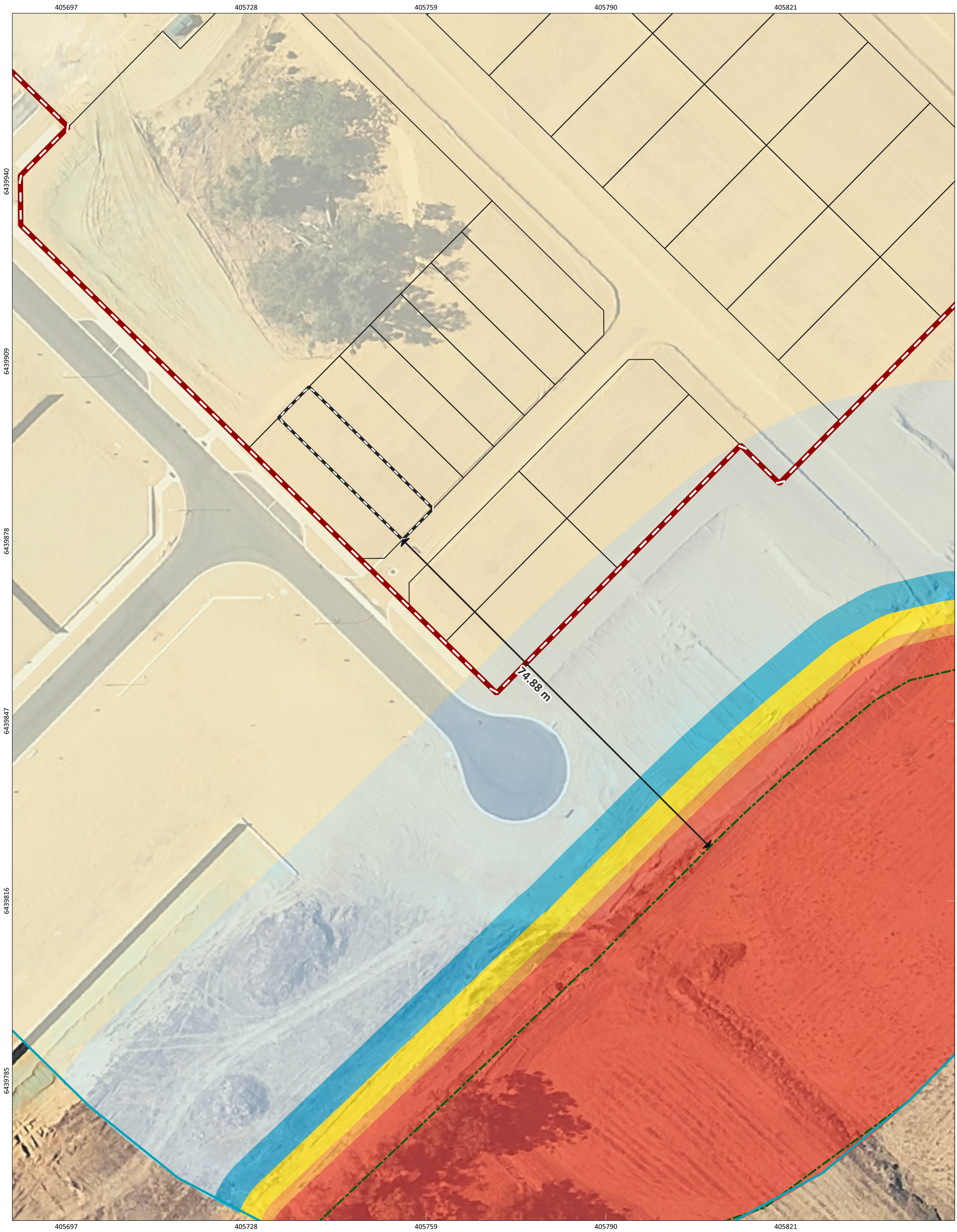
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 159

N

0 4 8 12 16 m

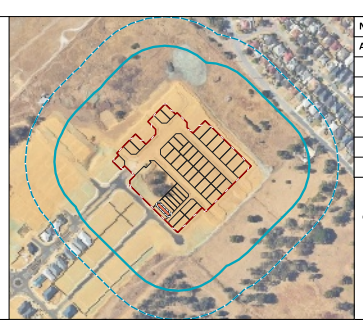
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:611
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 160 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**74.85 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

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Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 160

N

0 4 8 12 16 m

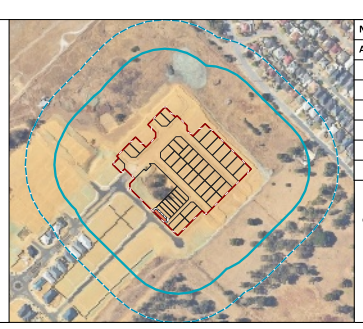
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:605
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 161 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**58.22 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

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Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 161

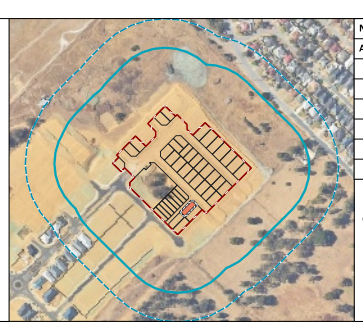
N 0 4 8 12 16 m	PROJECT/REPORT NAME: BAL Report Stage 3 Claravale	
SCALE: 1:588	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 162 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**45.76 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

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Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 162

N

0 4 8 12 16 m

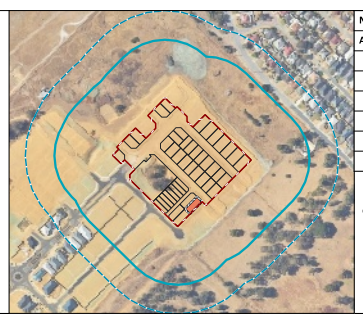
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:569
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 169 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**44.72 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 169

N

0 4 8 12 16 m

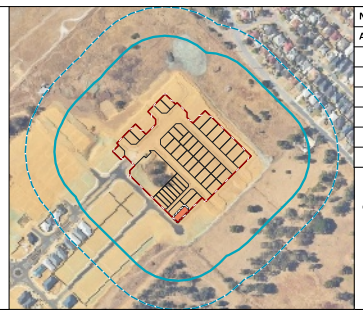
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:560
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 170 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**57.22 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 170

N

0 4 8 12 16 m

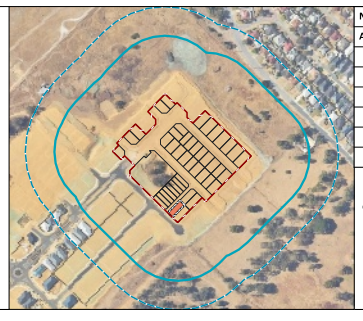
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:584
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 59 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50 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

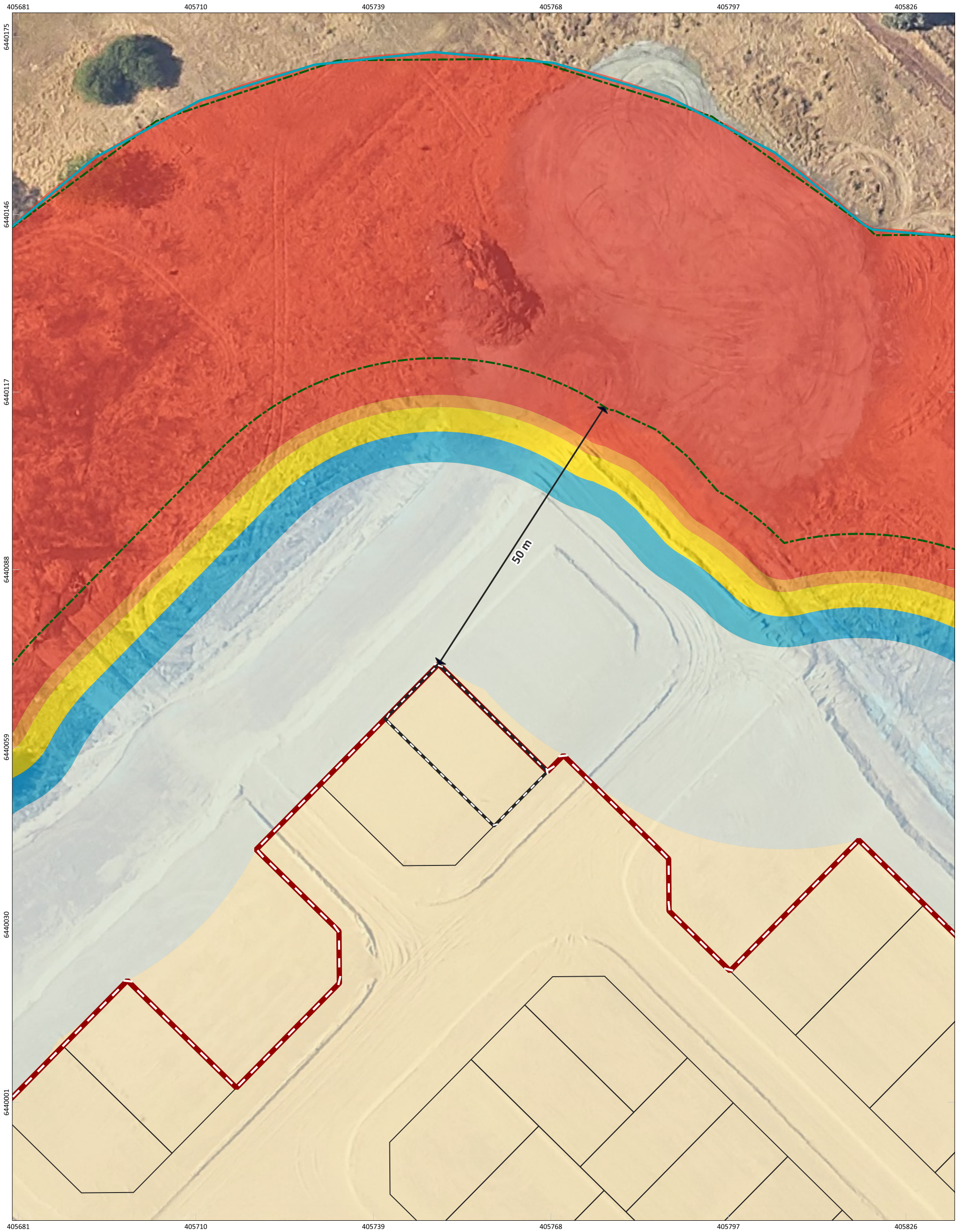
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 59

N

0 4 8 12 16 m

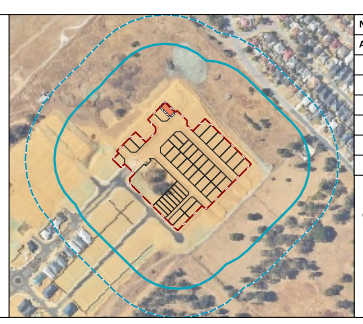
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:579
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 60 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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

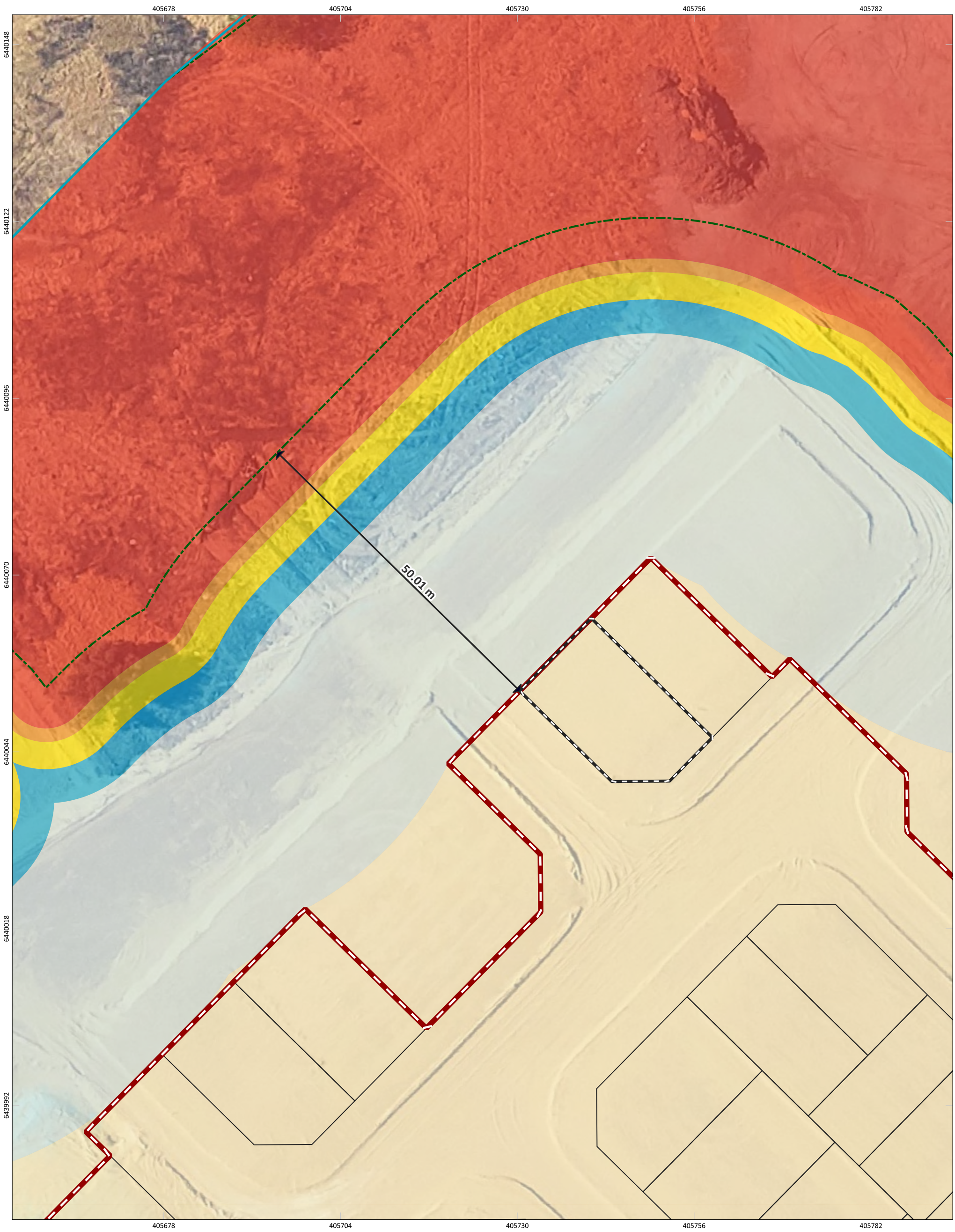
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 60

N

0 3 6 9 12 m

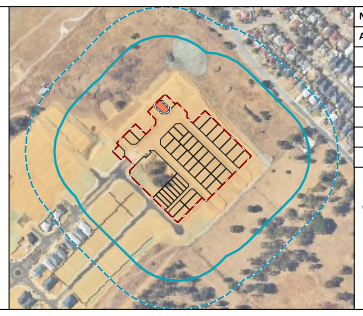
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:521	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 8001 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**99.1 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

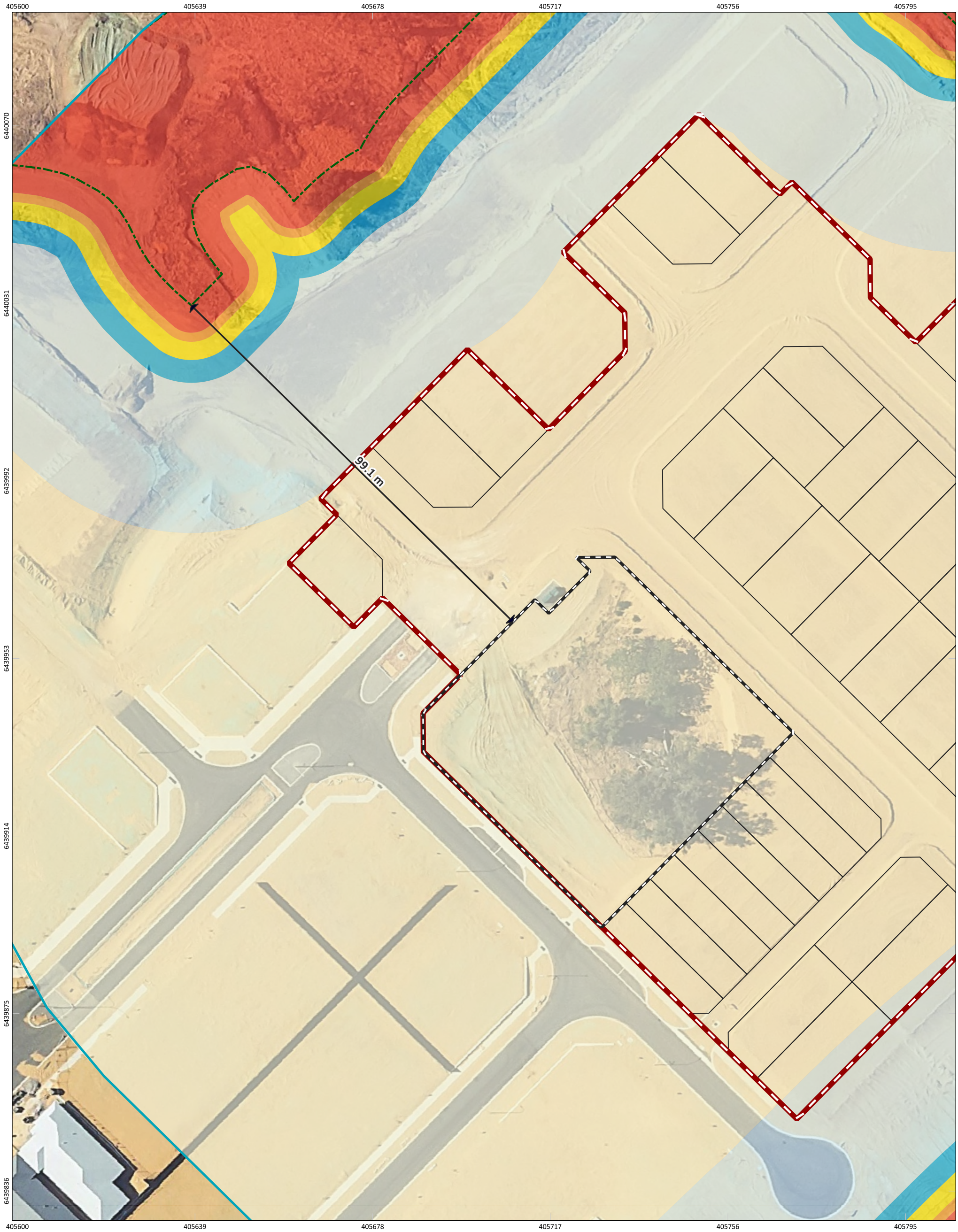
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 8001

N

0 5 10 15 20 m

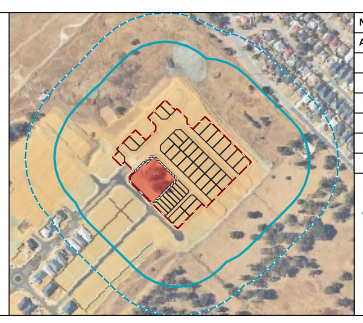
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:780
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

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08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 83 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**37.76 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

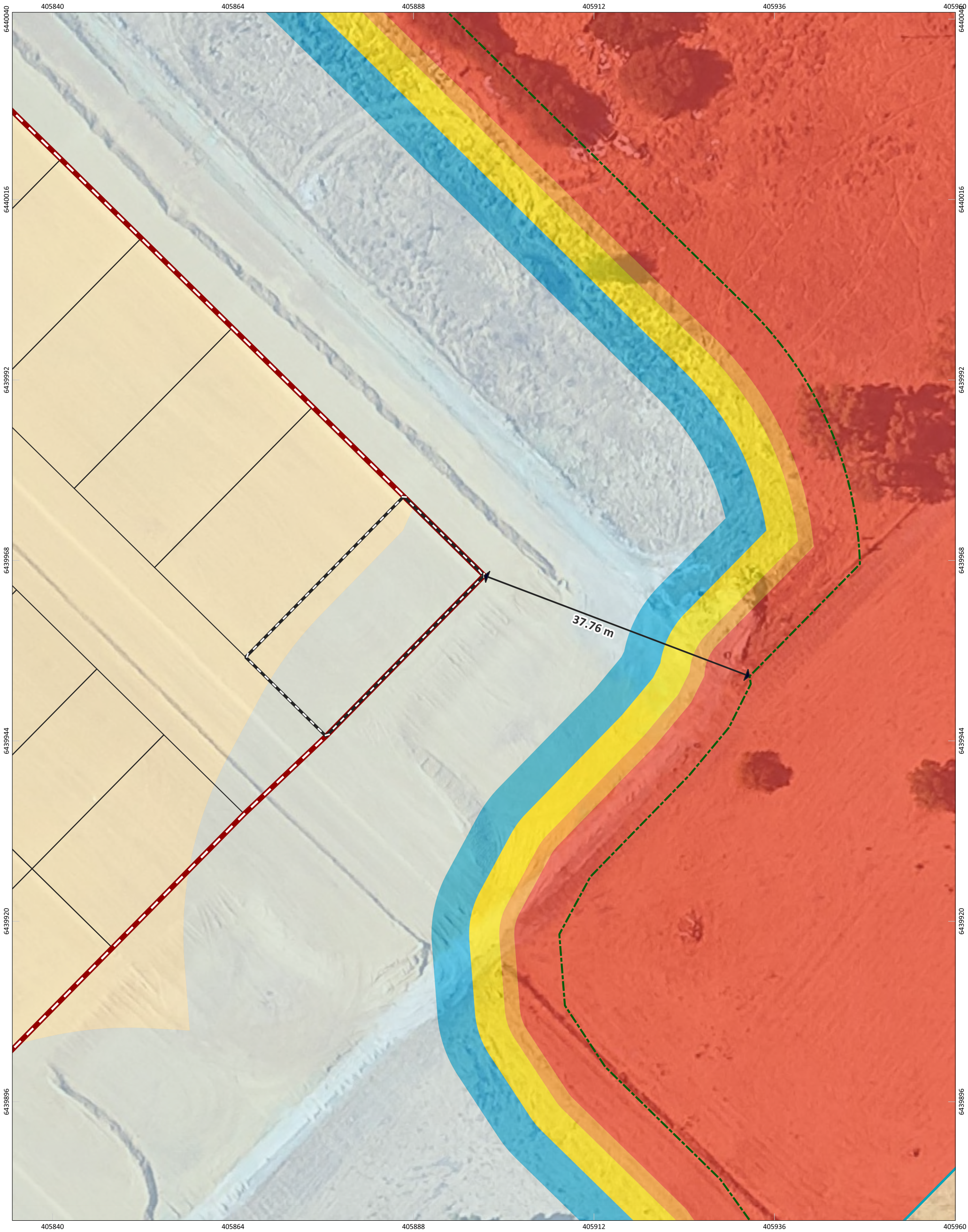
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 83

N

0 3 6 9 12 m

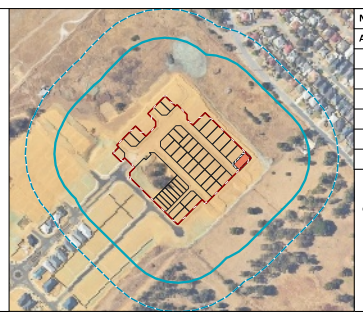
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:472
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 84 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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

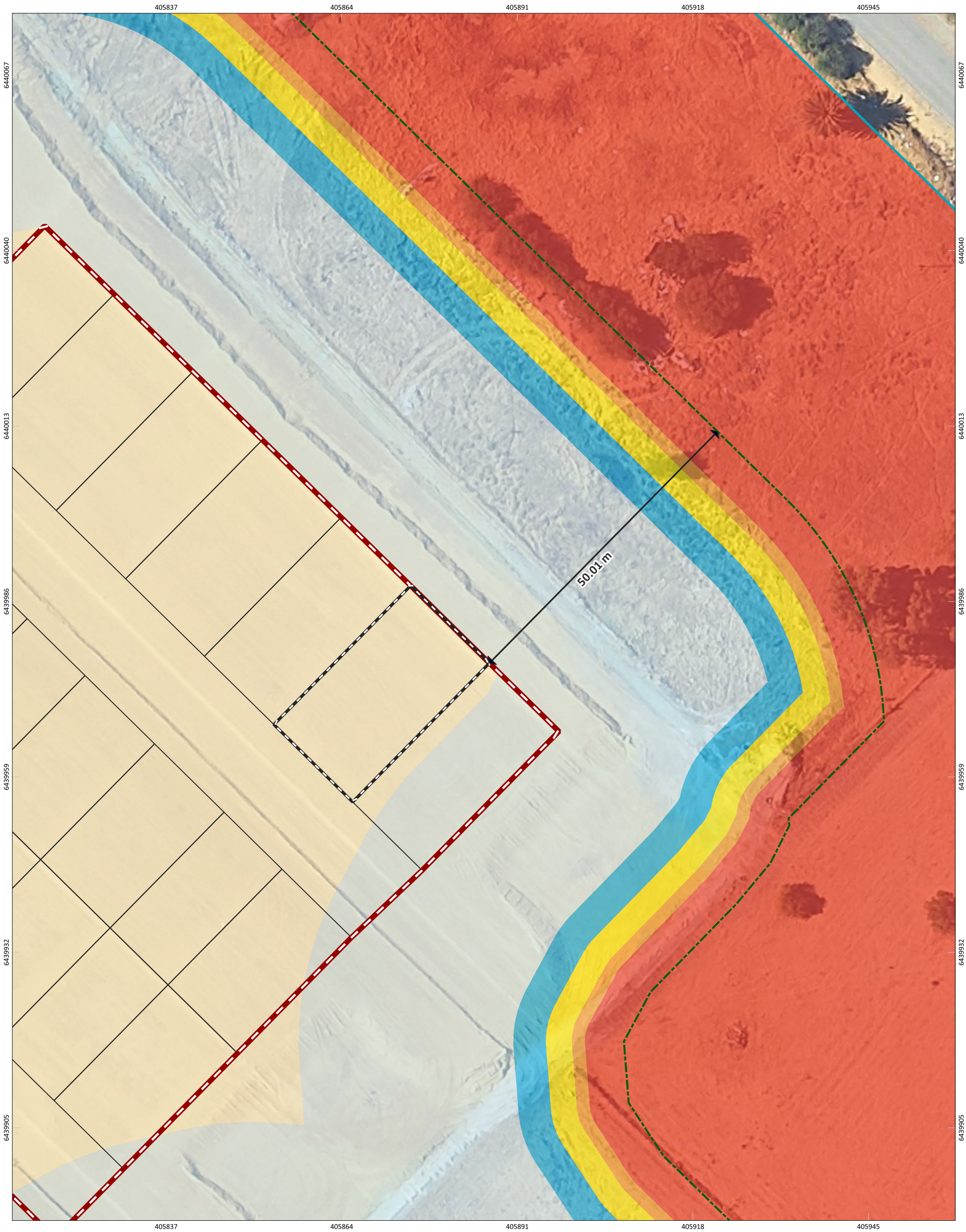
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 84

N

0 4 8 12 16 m

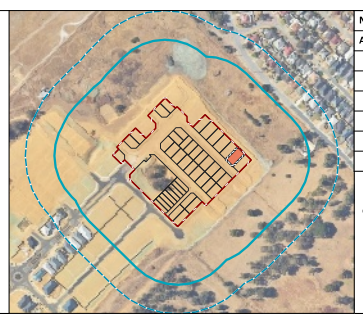
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:546
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 85 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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

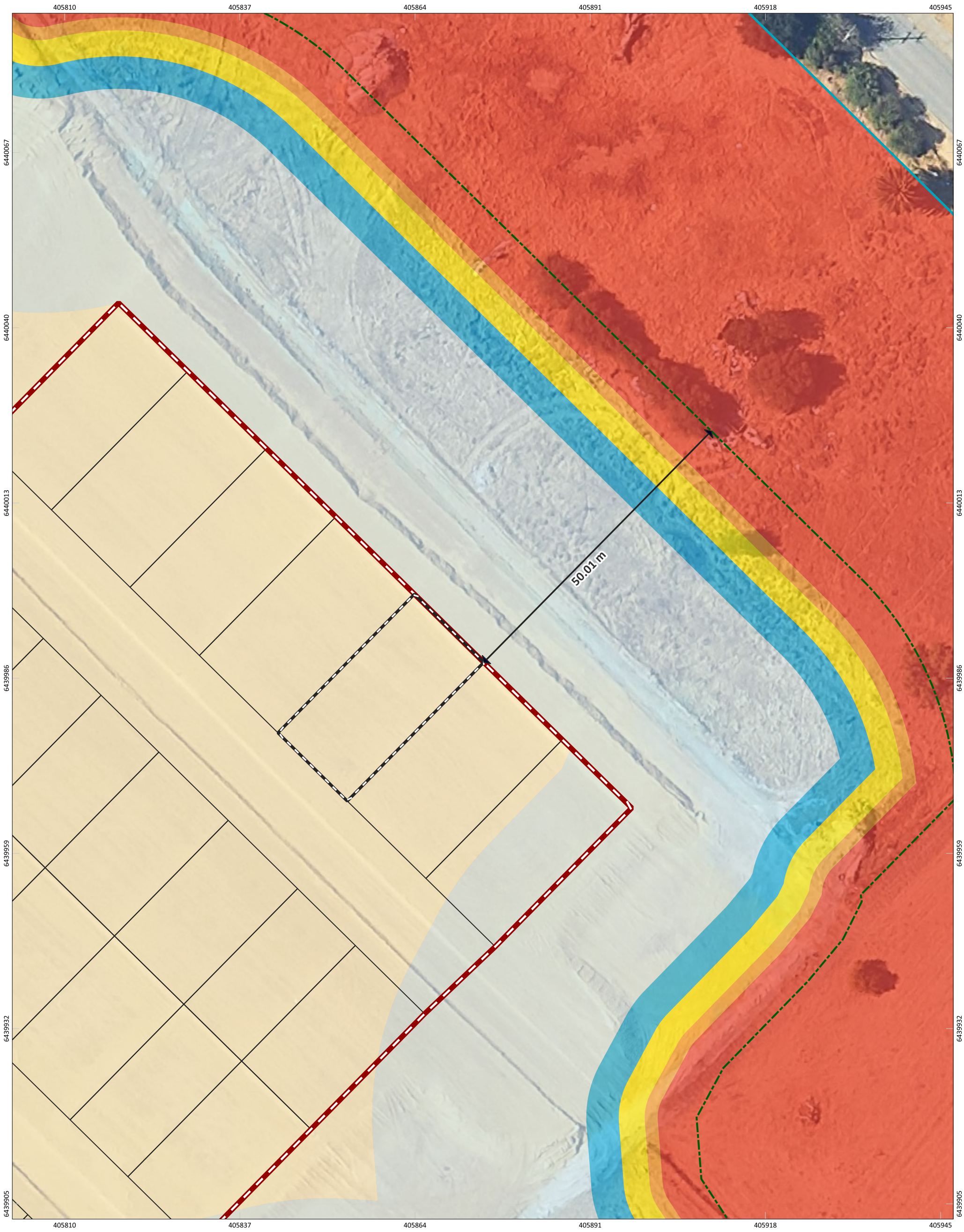
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 85

N

0 4 8 12 16 m

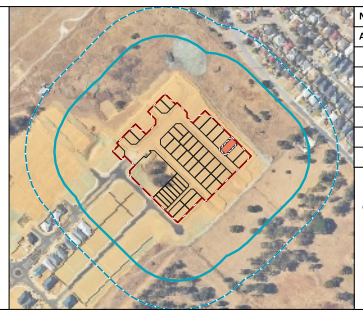
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:546
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Level 3/25 Prowse 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 86 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 86

N

0 4 8 12 16 m

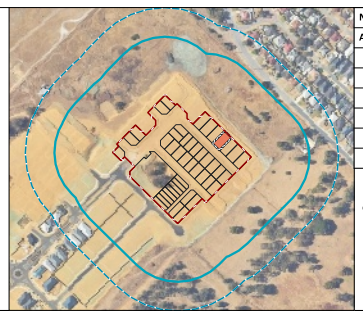
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:546
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 87 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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

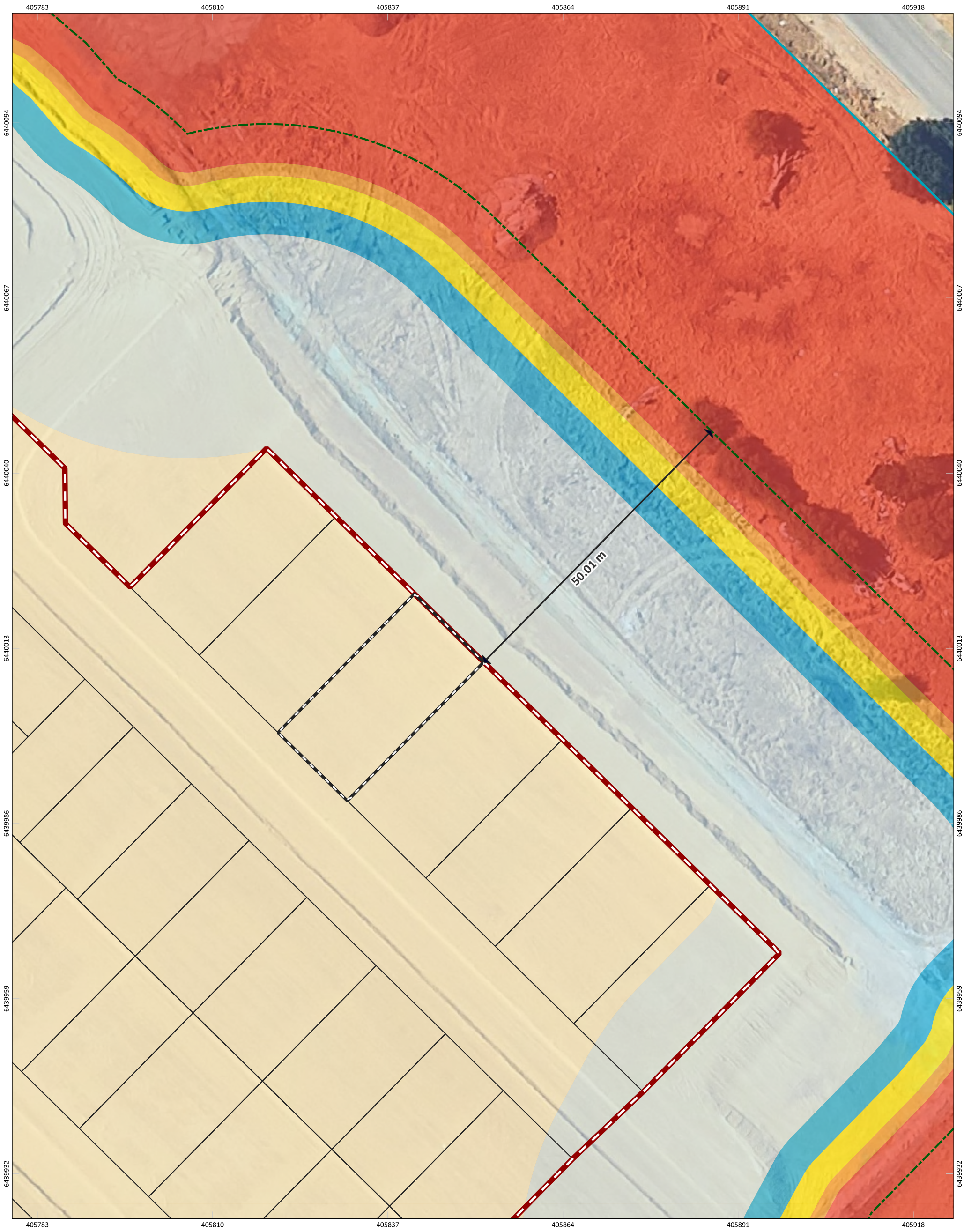
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 87

N

0 4 8 12 16 m

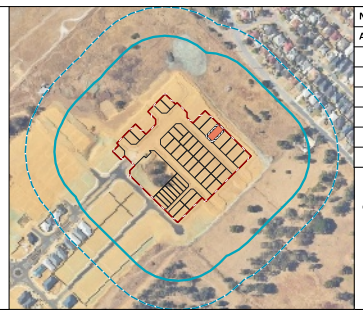
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:546
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Level 3/25 Prowse St, West Perth WA 6005
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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 88 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50.01 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

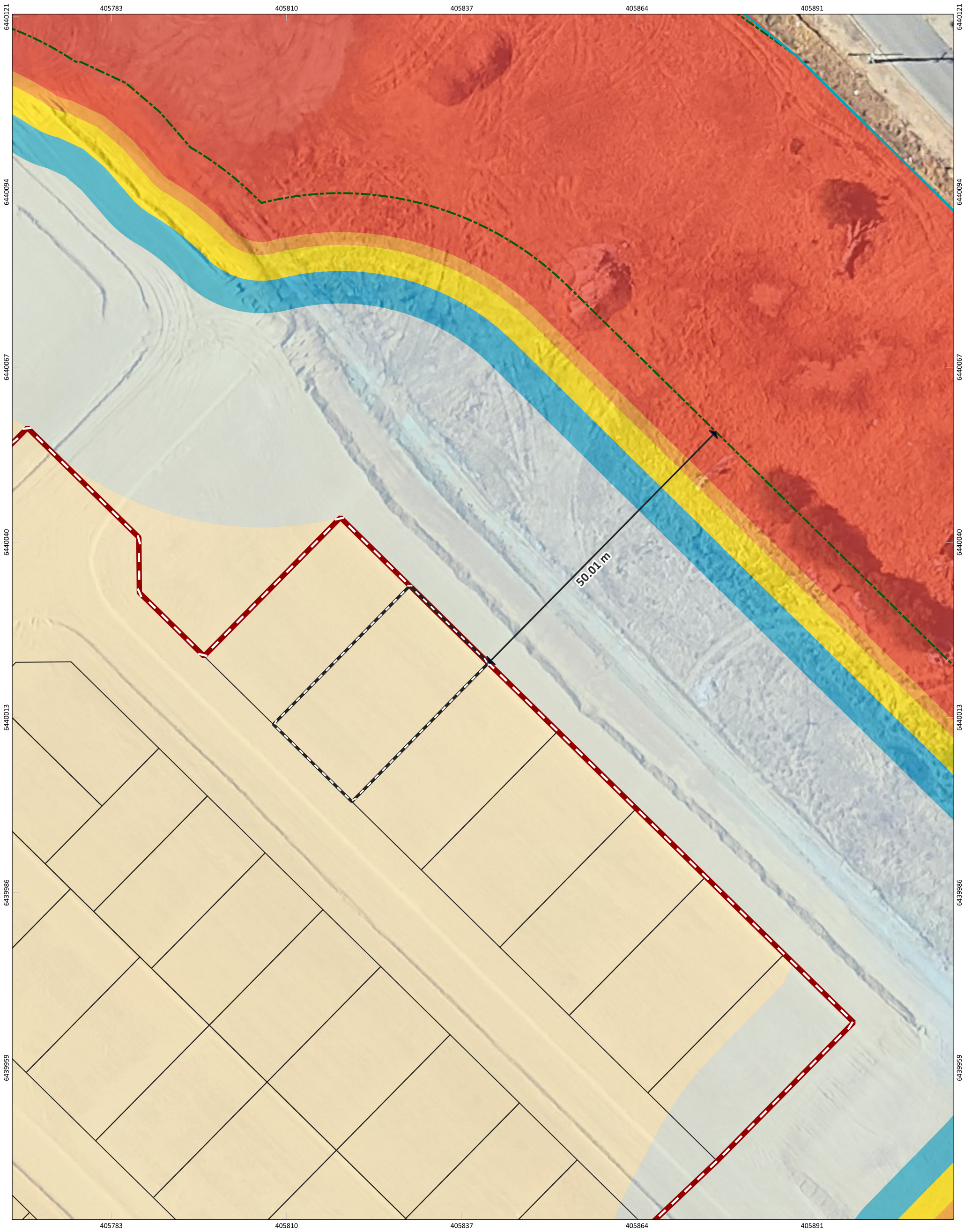
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 88

N

0 4 8 12 16 m

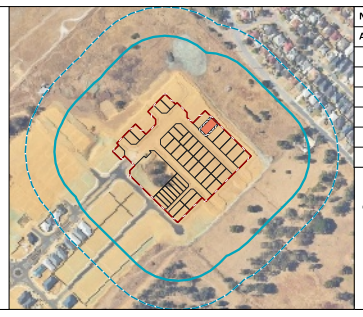
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:546
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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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 89 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**50 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

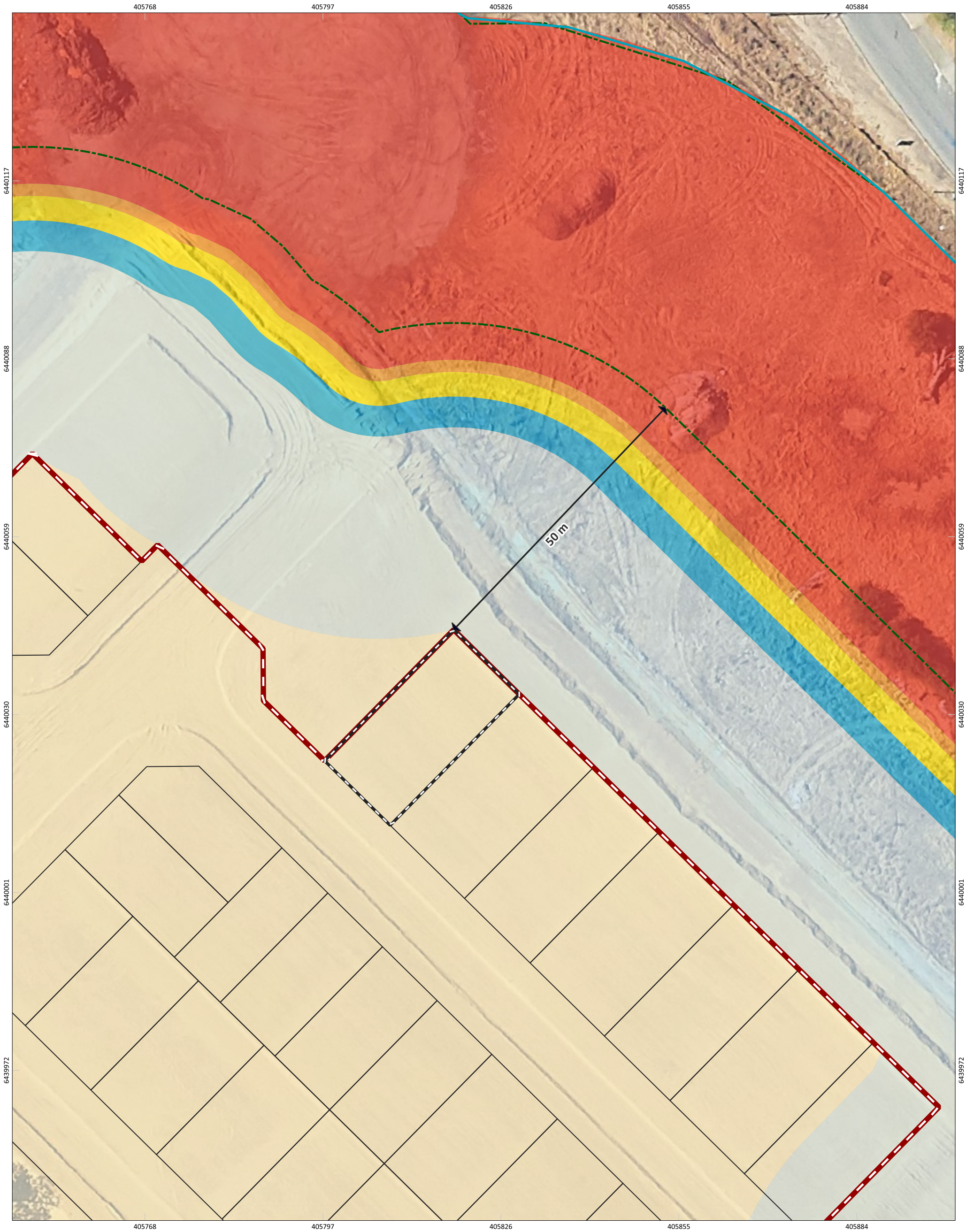
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 89

N

0 4 8 12 16 m

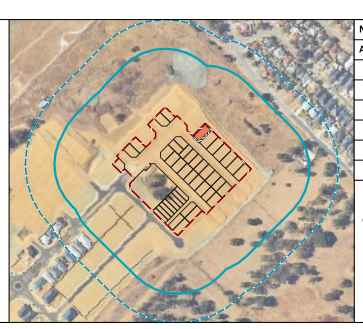
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:578
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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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 90 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**76.6 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

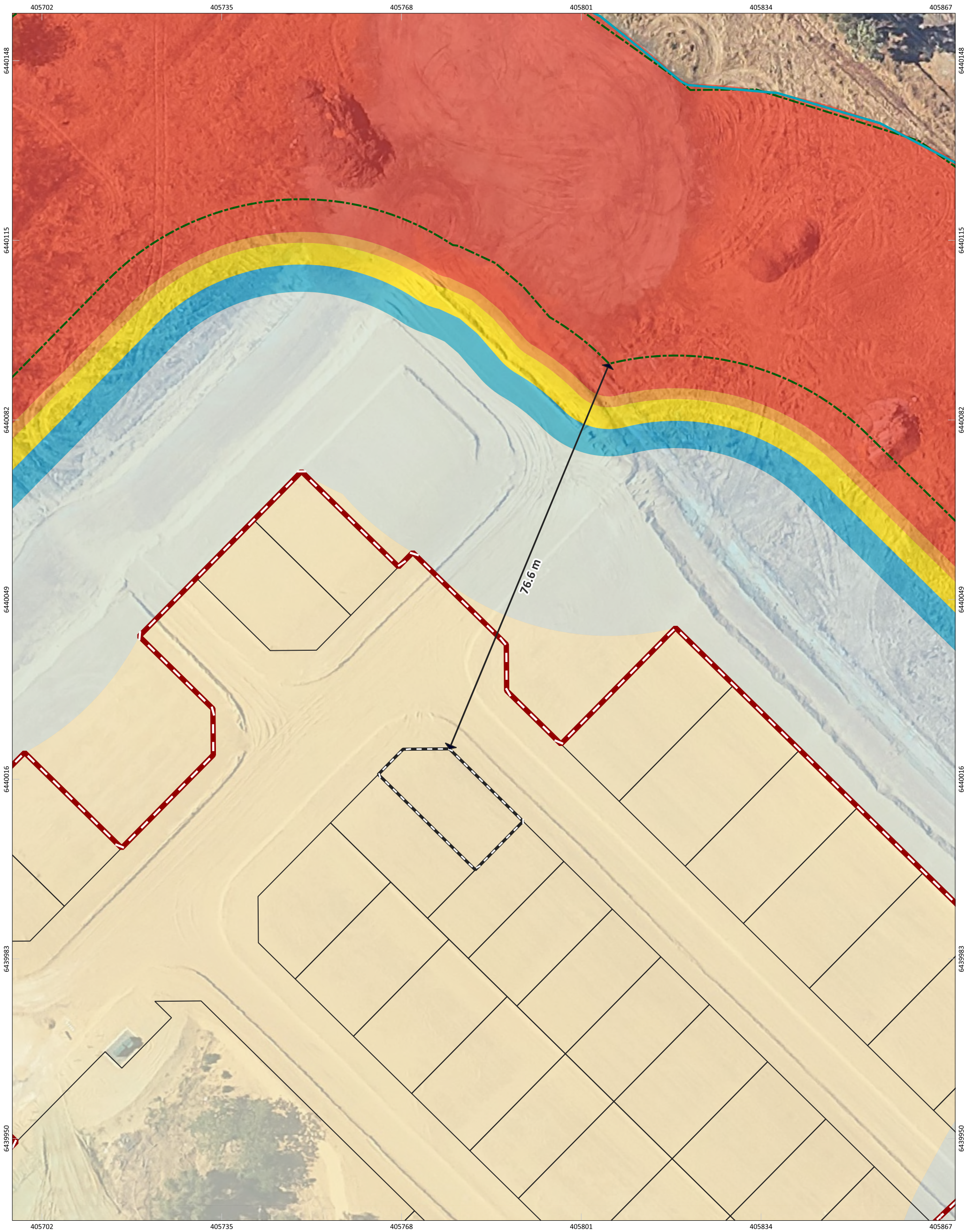
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 90

N

0 4 8 12 16 m

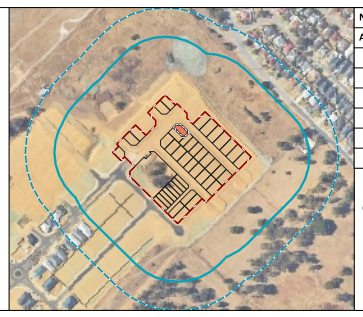
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:651
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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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 91 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**86.54 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

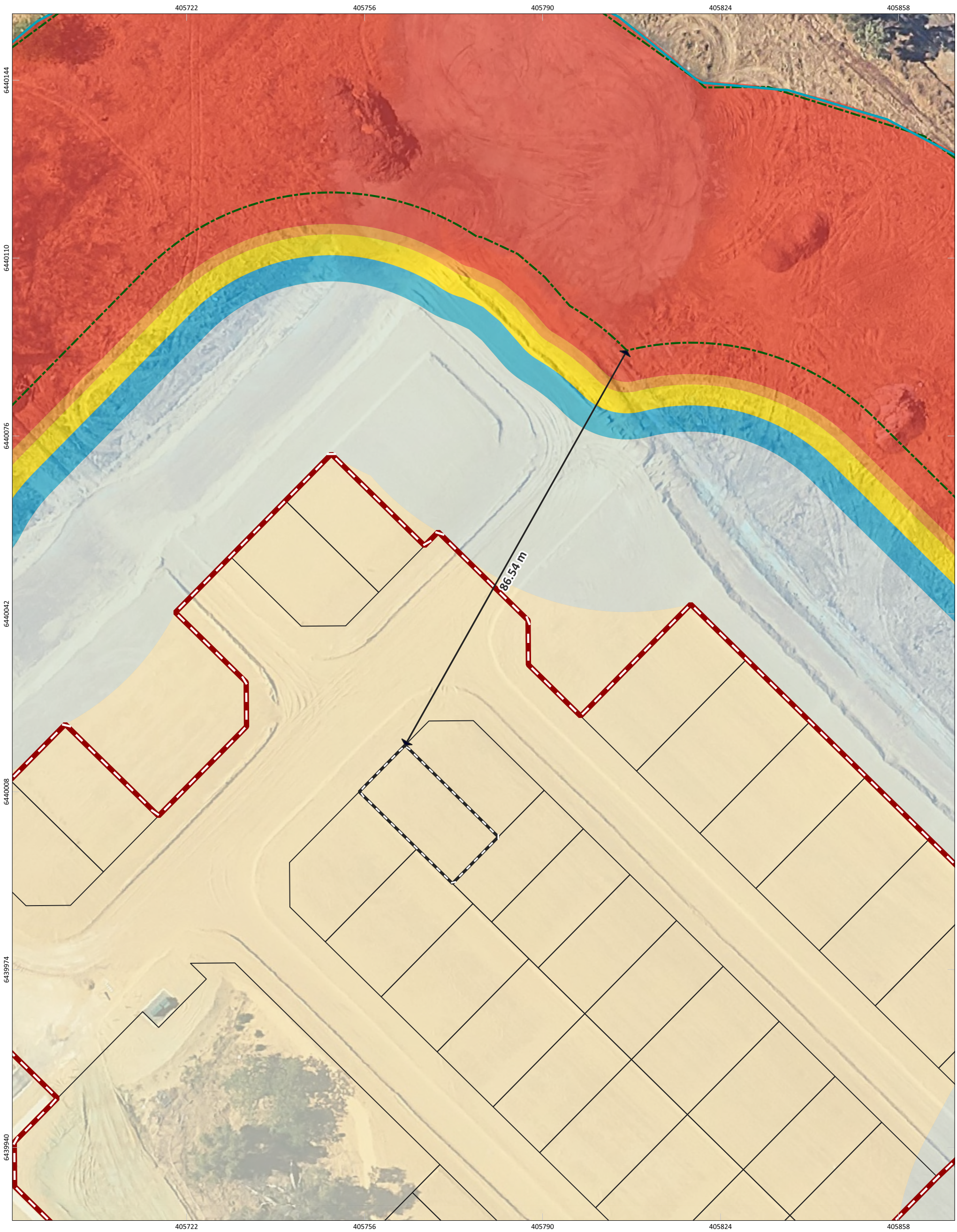
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 91

N

0 5 10 15 20 m

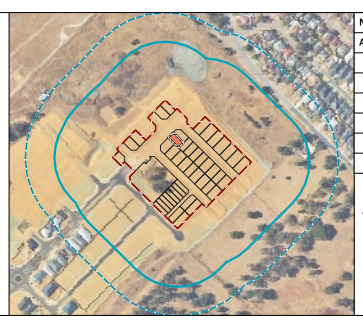
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:678
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 92 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**85.54 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

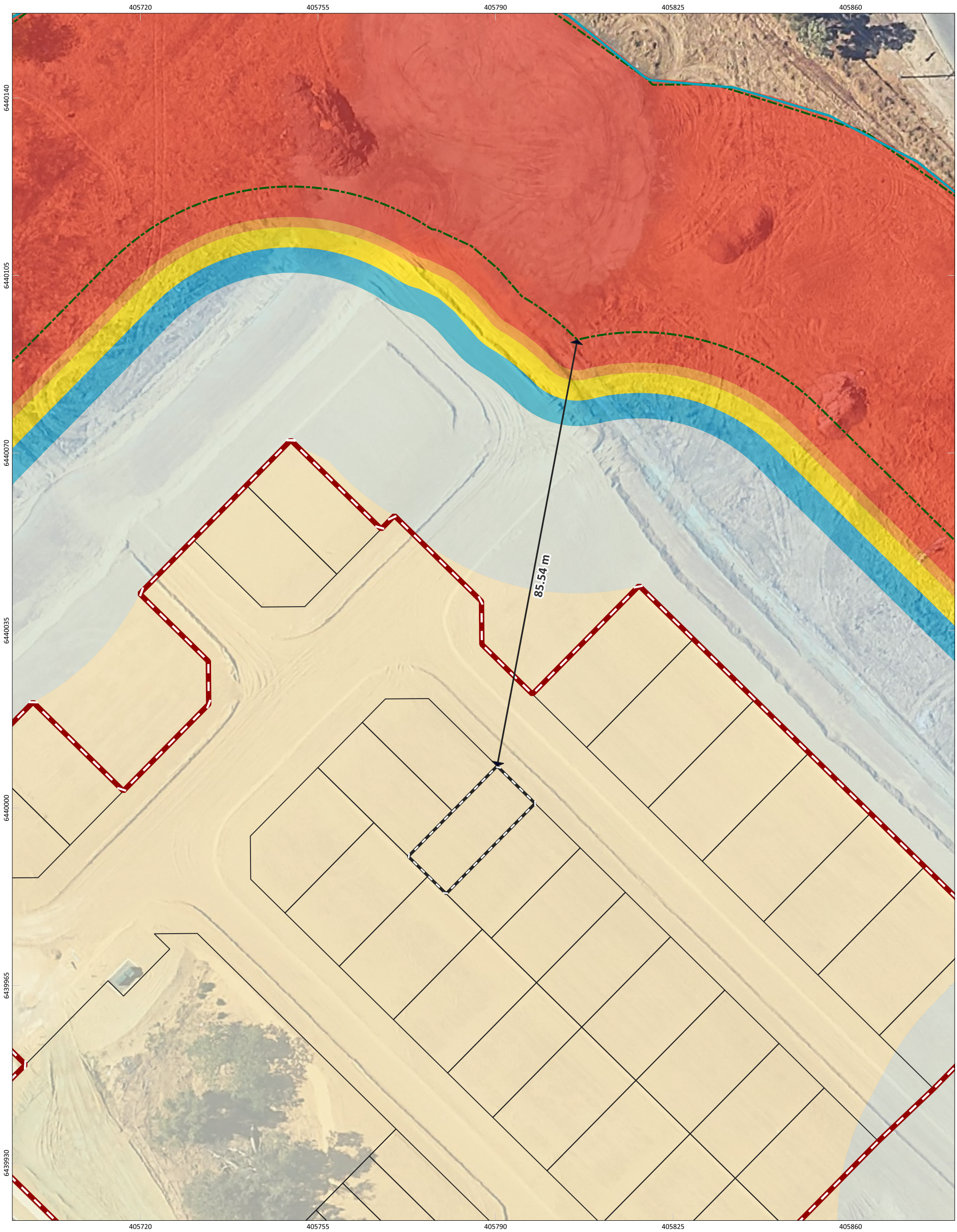
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 92

N

0 5 10 15 20 m

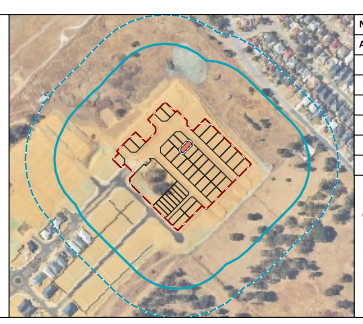
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:699	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Western Environmental Pty Ltd
08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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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 93 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**91.81 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

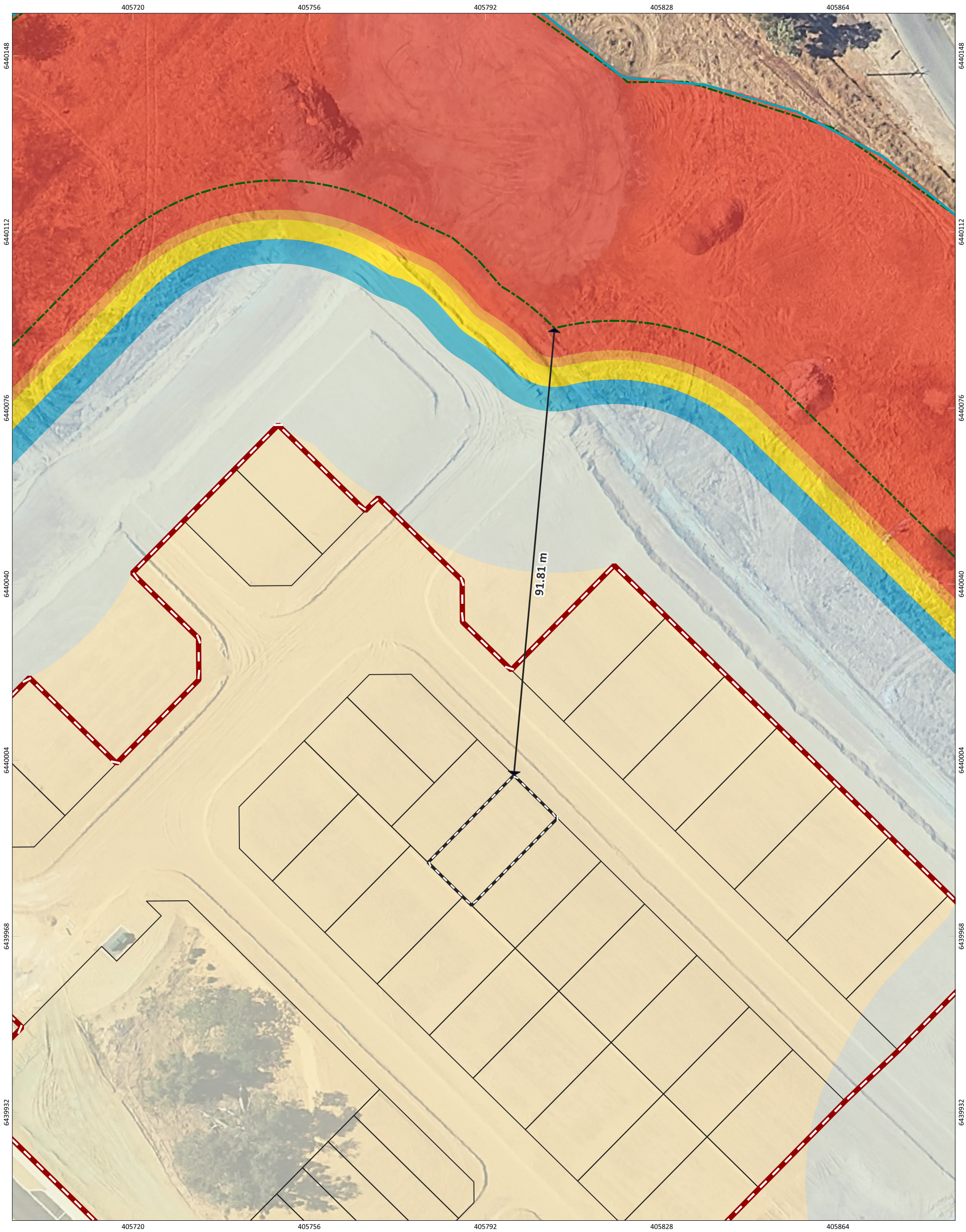
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 93

N

0 5 10 15 20 m

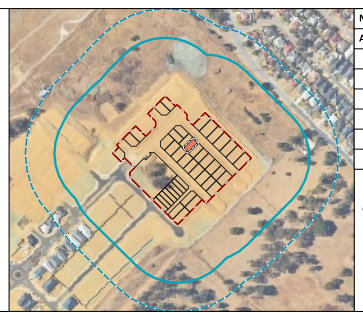
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:725
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 94 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**95 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

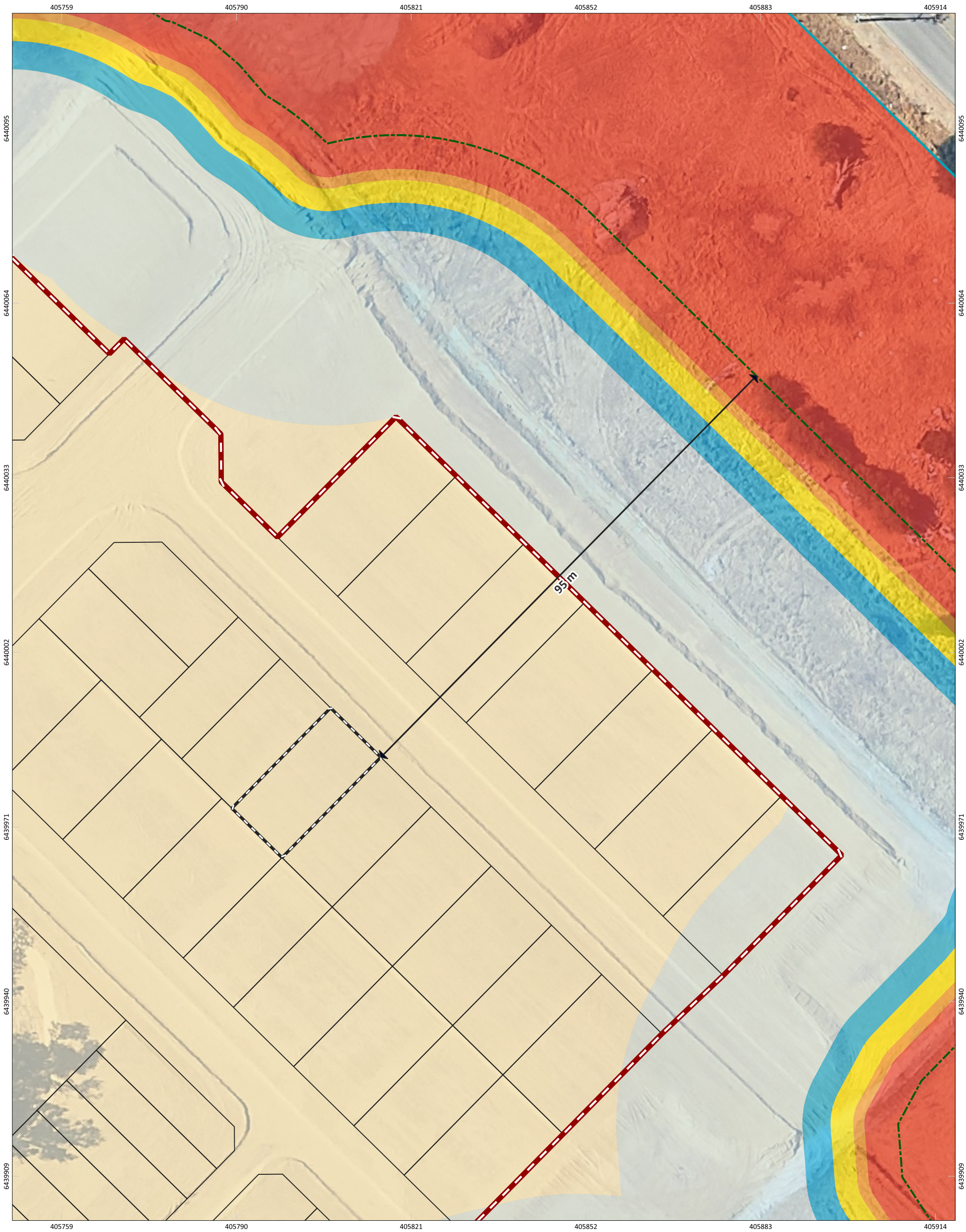
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 94

N

0 4 8 12 16 m

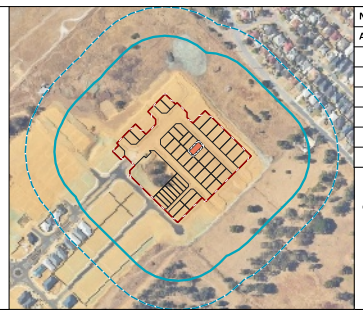
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:630
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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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 95 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**95 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

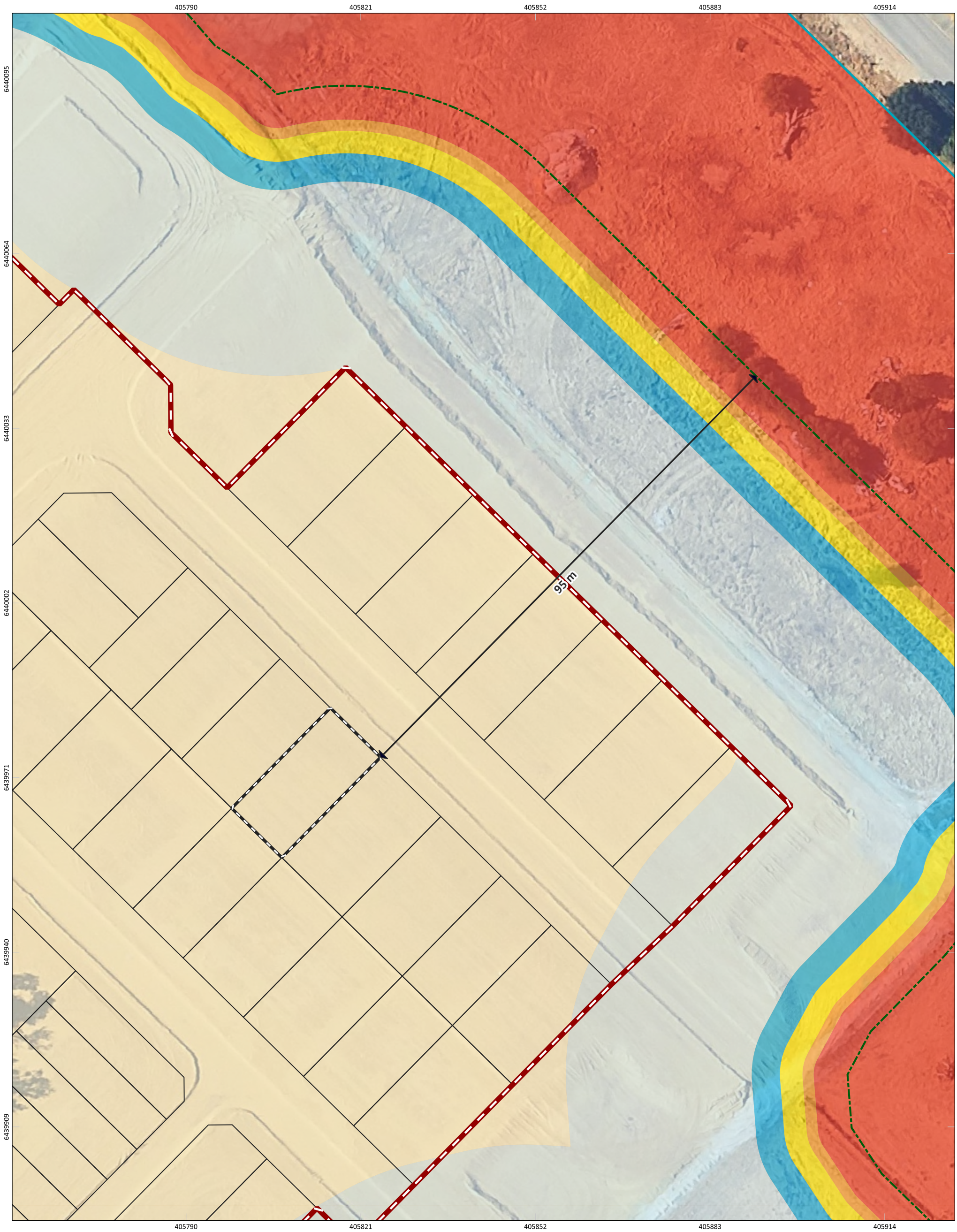
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 95

N

0 4 8 12 16 m

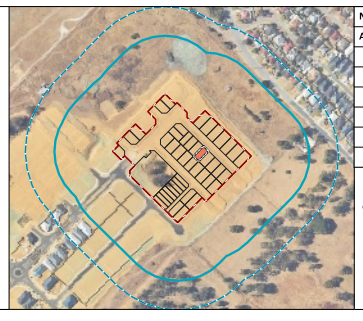
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:630
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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Level 3/25 Prowse 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 96 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**85.29 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

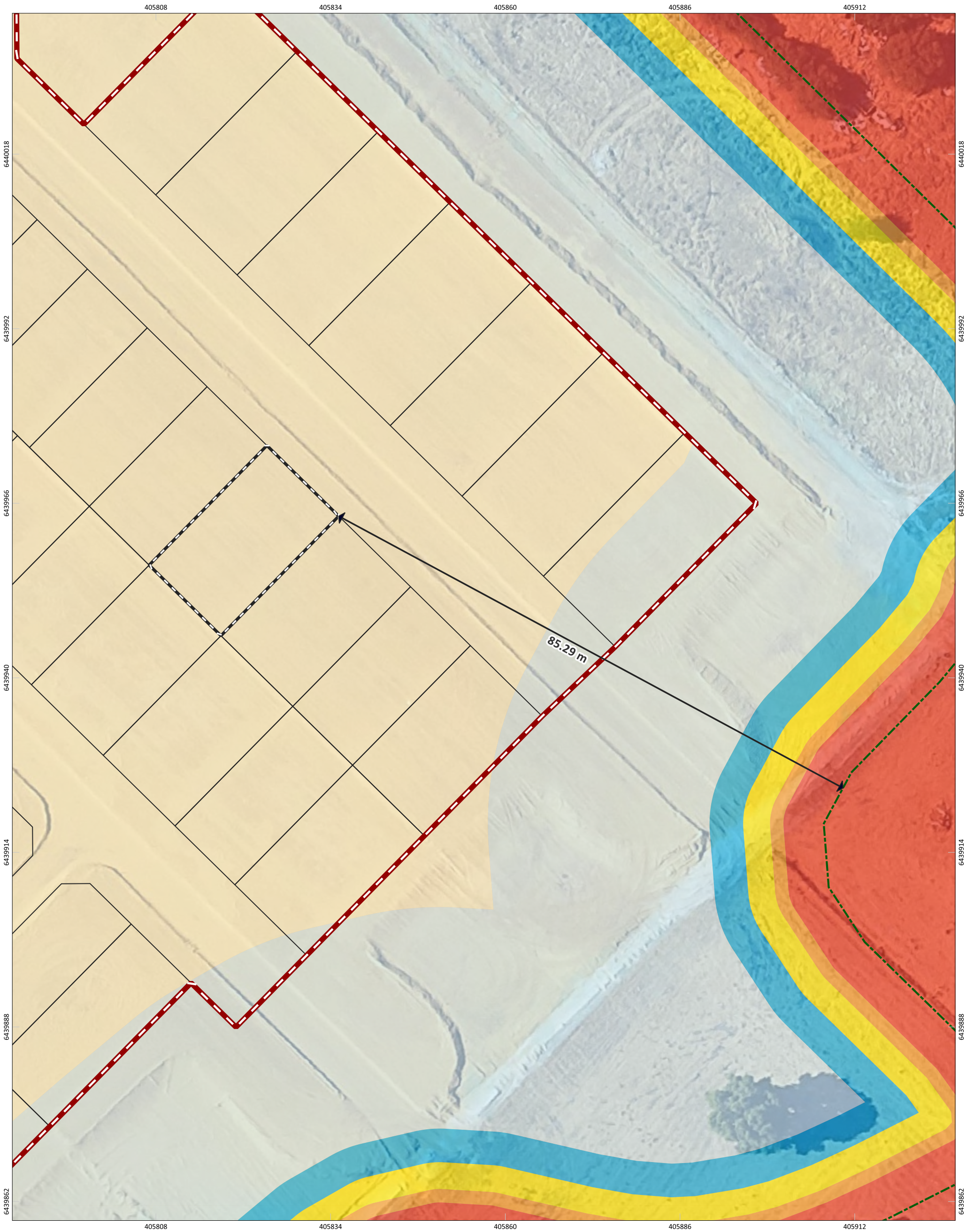
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 96

N

0 3 6 9 12 m

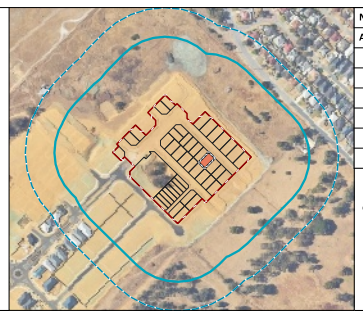
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:528
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
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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 97 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**70.89 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 97

N

0 3 6 9 12 m

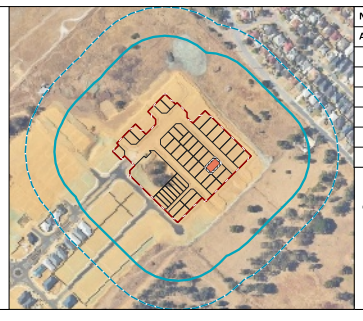
PROJECT/REPORT NAME: BAL Report Stage 3 Claravale		
SCALE: 1:508	SHEET SIZE: A3 COLOUR	CLIENT: Parcel property
COORDINATE REFERENCE SYSTEM: GDA2020 / MGA zone 50	PROJECT NUMBER: A23.097	VERSION: 0
DATA SOURCE: LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY: SM/BF	DATE: 4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

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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 98 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**58.91 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**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design Accredited Practitioner Level 3

Accreditation No: BPAD 37802
Expiry: December 2024

Bushfire Attack level (BAL) Contours - Lot 98

N

0 3 6 9 12 m

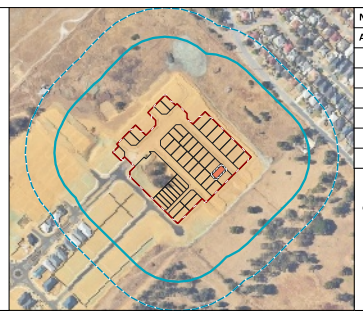
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:482
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

Cadastral boundary (LGATE-002).

WESTERN ENVIRONMENTAL

Western Environmental Pty Ltd
08 6244 2310 | enquiries@westenv.com.au
Level 3/25 Prowse St, West Perth WA 6005
westenv.com.au

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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 99 - Stage 3 Claravale

Suburb: Hilbert **State:** WA

Local Government Area: City of Armadale

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

Report / Job Number: A23.097 **Report Date:** 4/6/2024

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classifcation	Effective Slope	Separation Distance	BAL
Method 1	**Class G - Grassland**	**All upslopes and flat land (0 degrees)**	**44.86 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

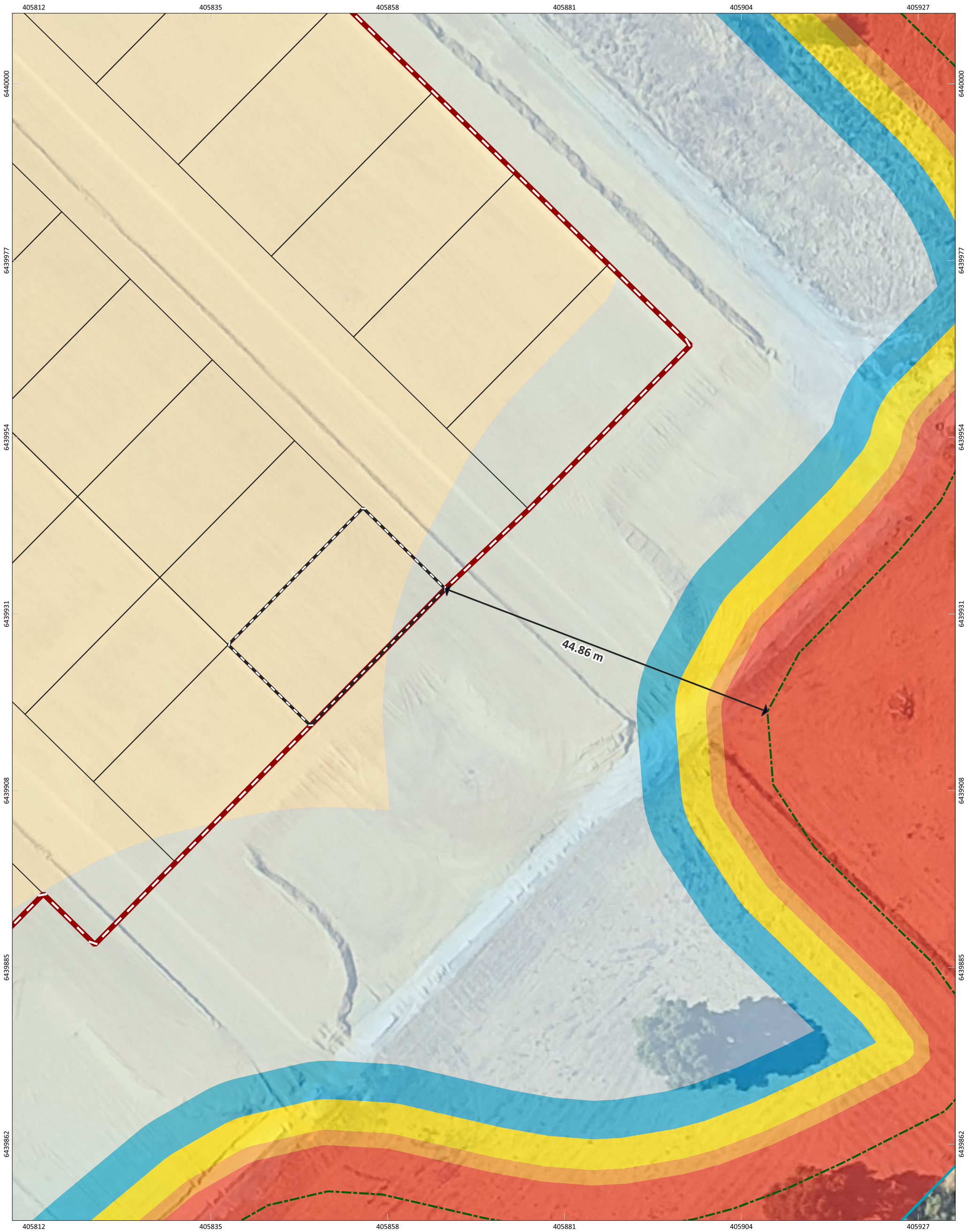
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature:

Certificate Date: 4/6/2024

BPAD Bushfire Planning & Design
Accredited Practitioner
Level 3

Accreditation No: BPAD 37802
Expiry: December 2024



Bushfire Attack level (BAL) Contours - Lot 99

N

0 3 6 9 12 m

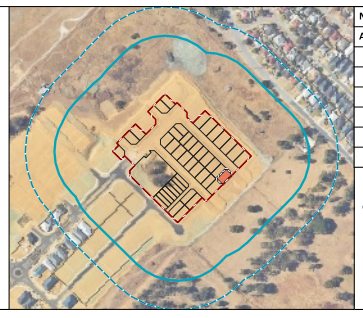
PROJECT/REPORT NAME	BAL Report Stage 3 Claravale
SCALE	1:462
SHEET SIZE	A3 COLOUR
CLIENT	Parcel property
COORDINATE REFERENCE SYSTEM	GDA2020 / MGA zone 50
PROJECT NUMBER	A23.097
VERSION	0
DATA SOURCE	LANDGATE AERIAL IMAGERY Summer 2023
DRAWN BY / REVIEWED BY	SM/BF
DATE	4/6/2024

Legend

- Subject Site
- Buffer 100m
- Buffer 150m
- 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	SM	BF	4/6/2024

NOTES:

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