

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 580 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	202 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

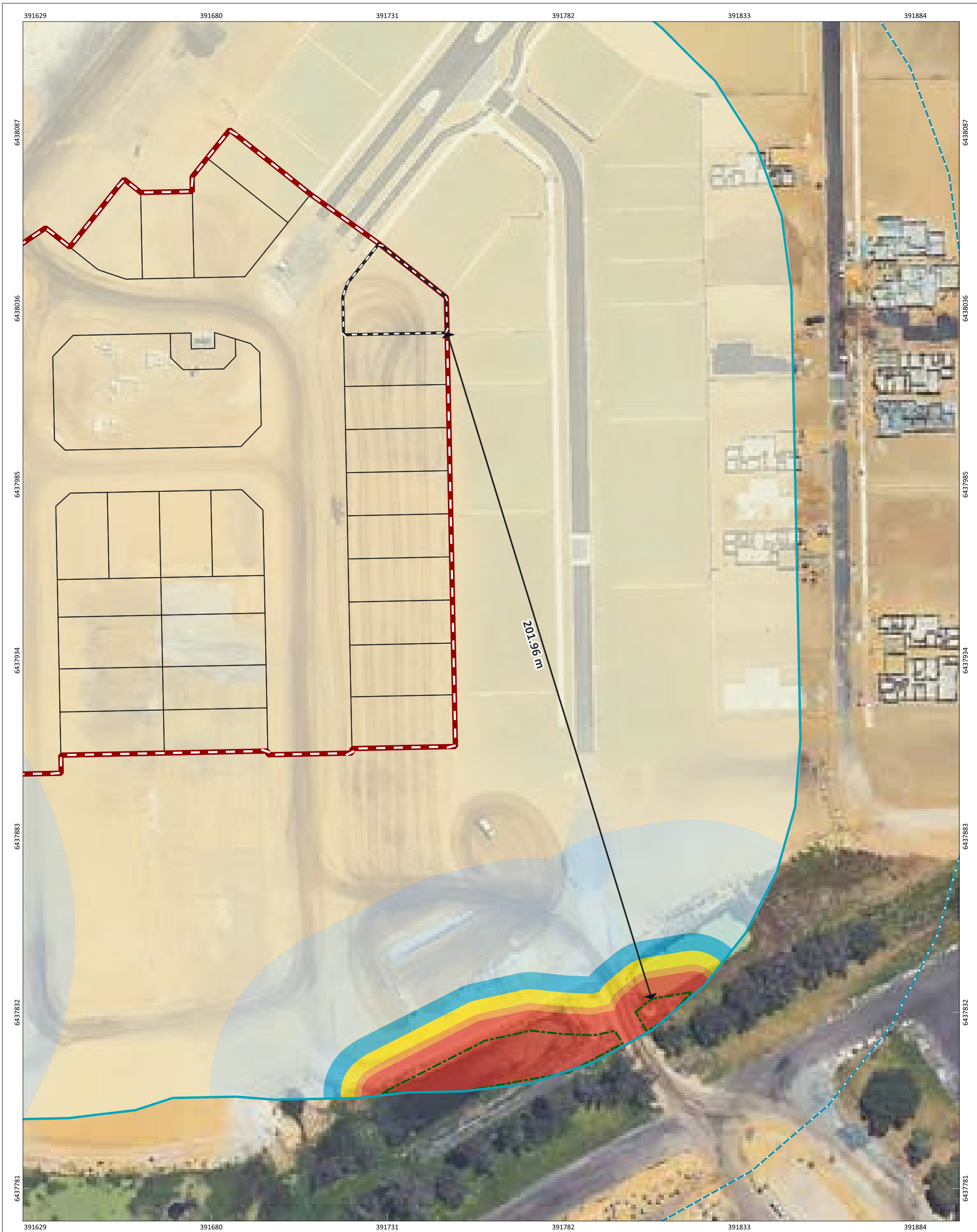


Figure: Bushfire Attack level (BAL) Contours - Lot 580

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
SCALE 1:1,021	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																											
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP		DATE 29/9/2023																										

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 581 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023


Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	188 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

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Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 581

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
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COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		PROJECT NUMBER A23.122	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023		DRAWN BY / REVIEWED BY MD/DP																									

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 582 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023


Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	176 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

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Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802

Expiry: December 2023

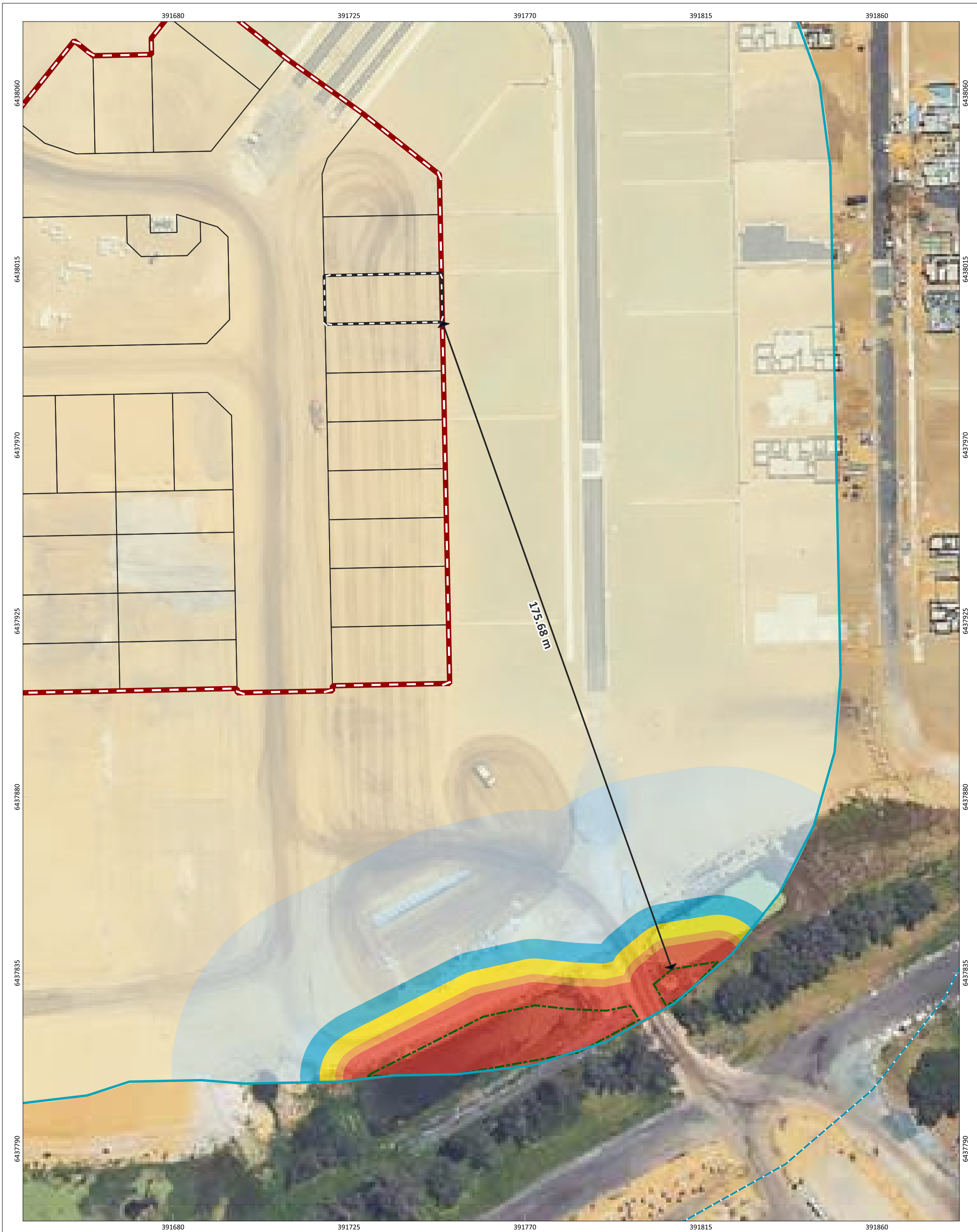


Figure: Bushfire Attack level (BAL) Contours - Lot 582

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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SCALE 1:901	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@westenv.com.au Level 3/25 Prowse St, West Perth WA 6005 westenv.com.au</p>																										
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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 583 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	164 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

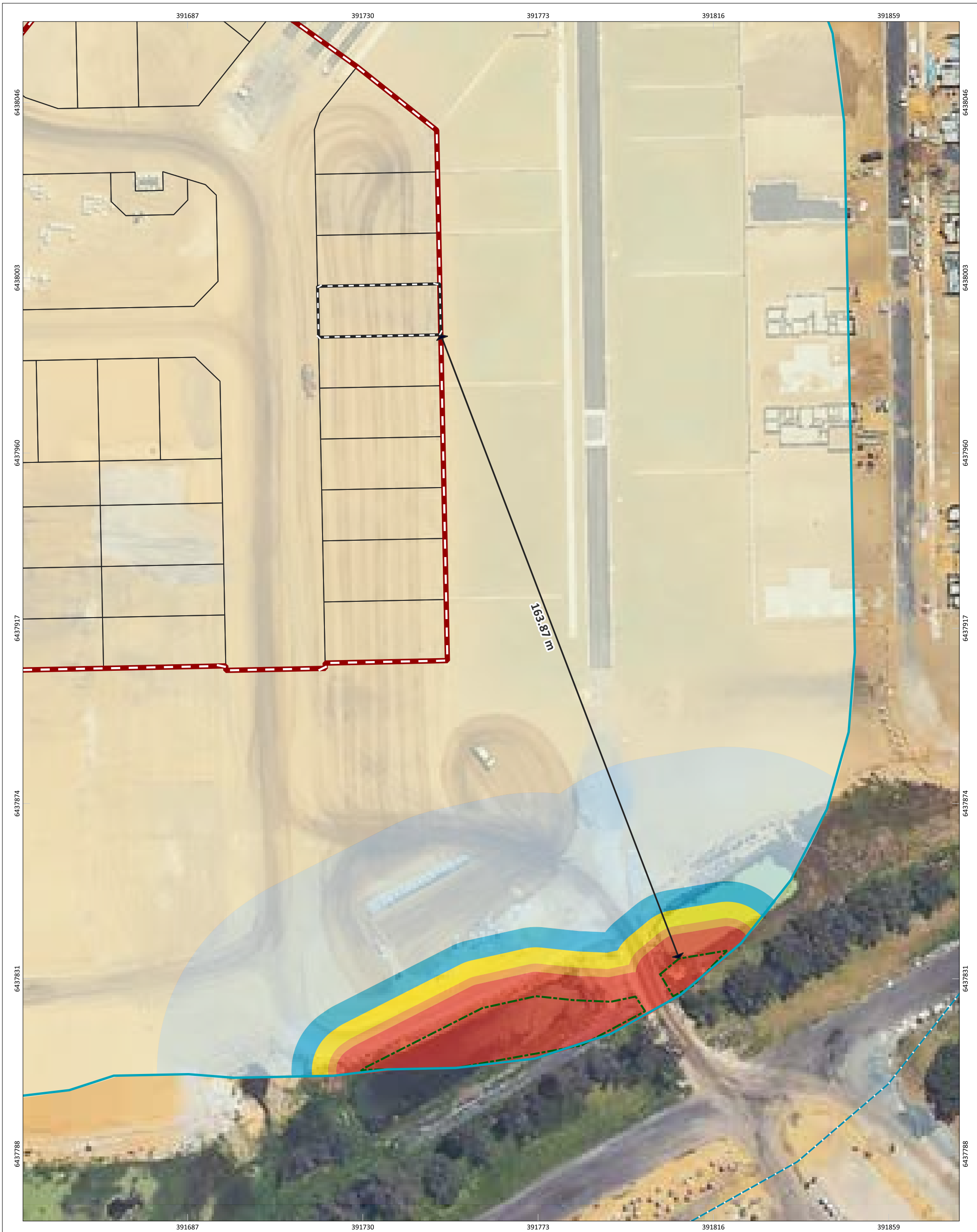


Figure: Bushfire Attack level (BAL) Contours - Lot 583

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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SCALE 1:865	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	G:\GIS\Project Data\A23.122\A23.122.qgz																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 584 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	152 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

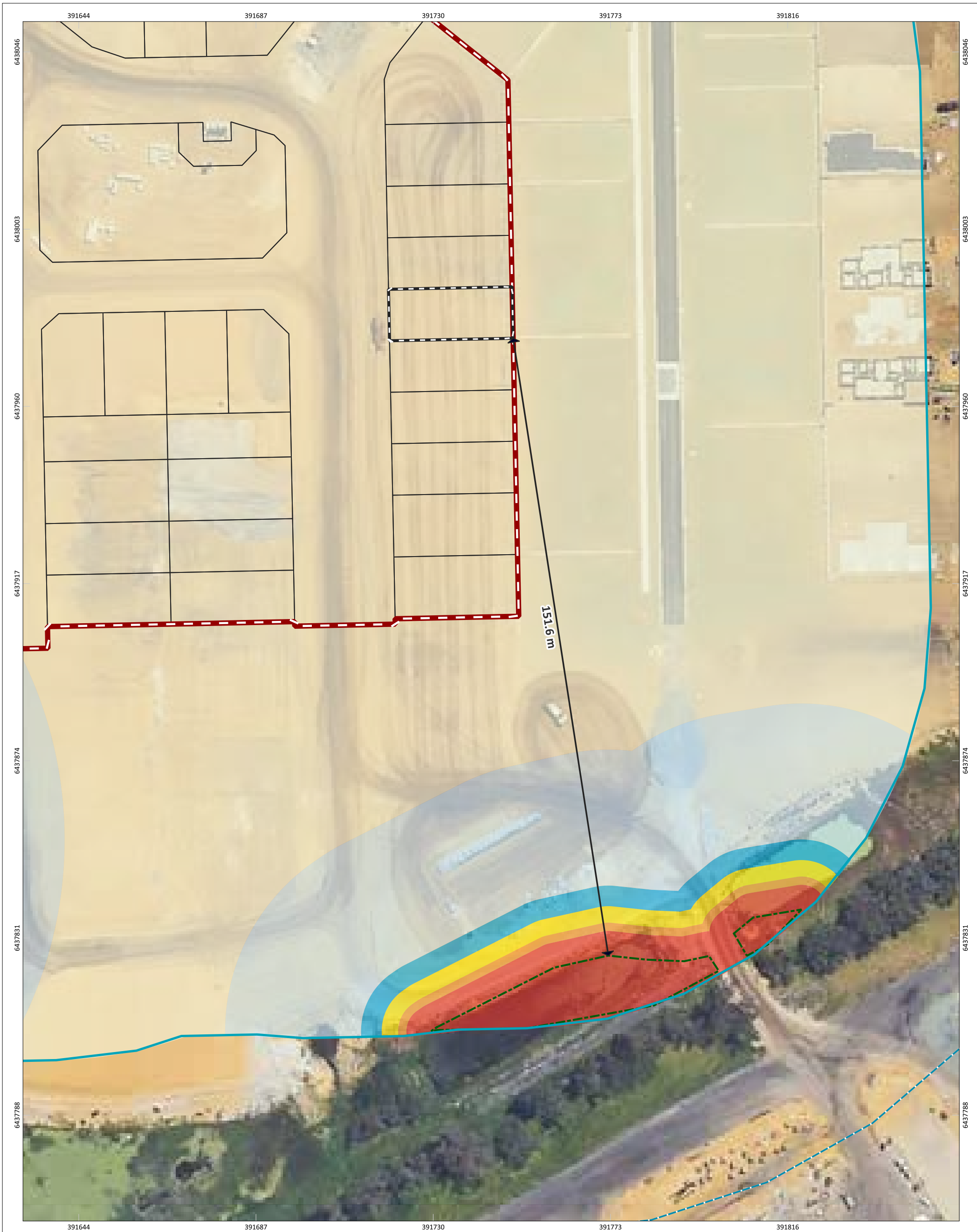


Figure: Bushfire Attack level (BAL) Contours - Lot 584

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																				
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SCALE 1:855	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																																
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP		DATE 29/9/2023																															

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 585 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023


Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	139 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

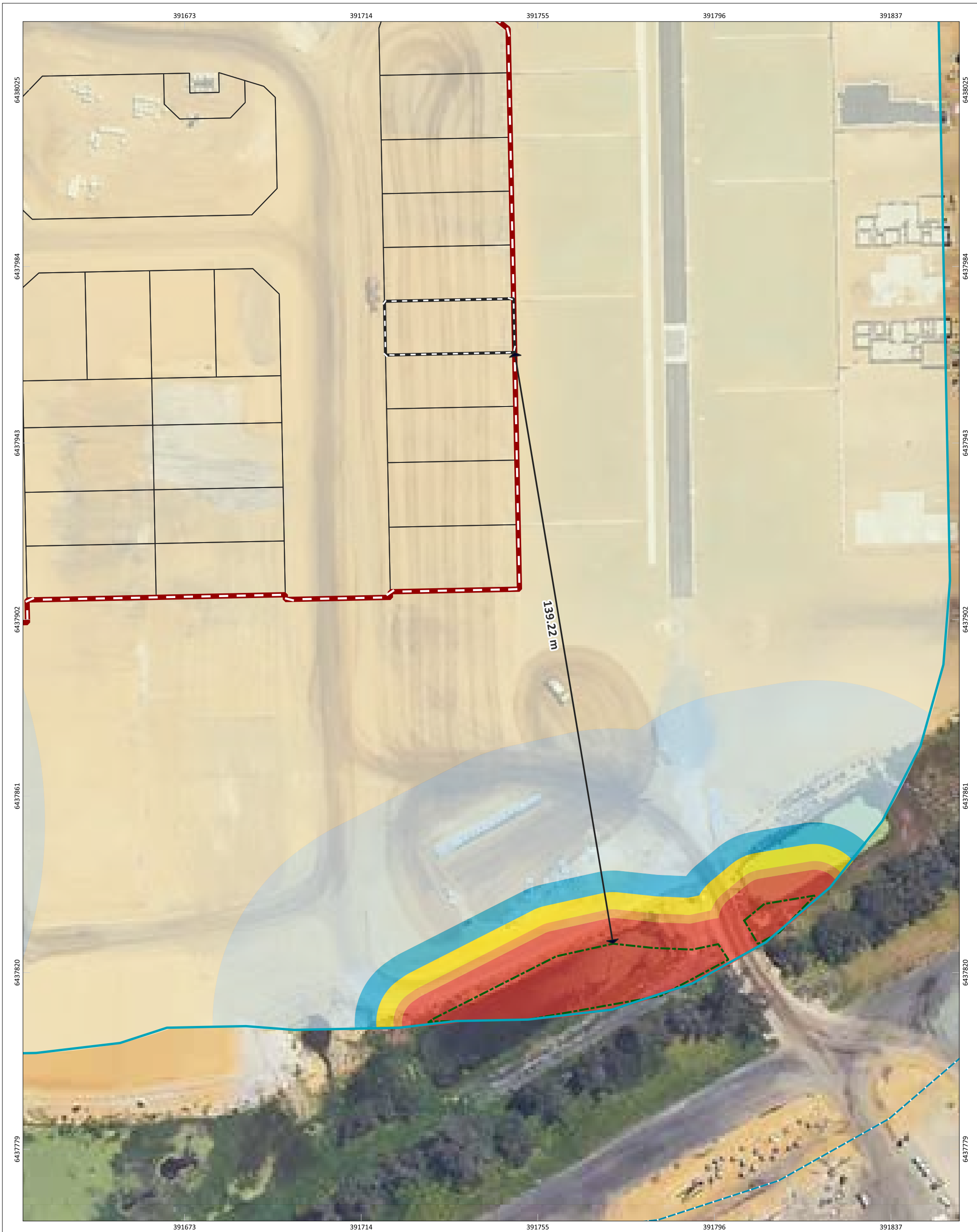


Figure: Bushfire Attack level (BAL) Contours - Lot 585

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>
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SCALE 1:818	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).																													
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 586 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	127 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

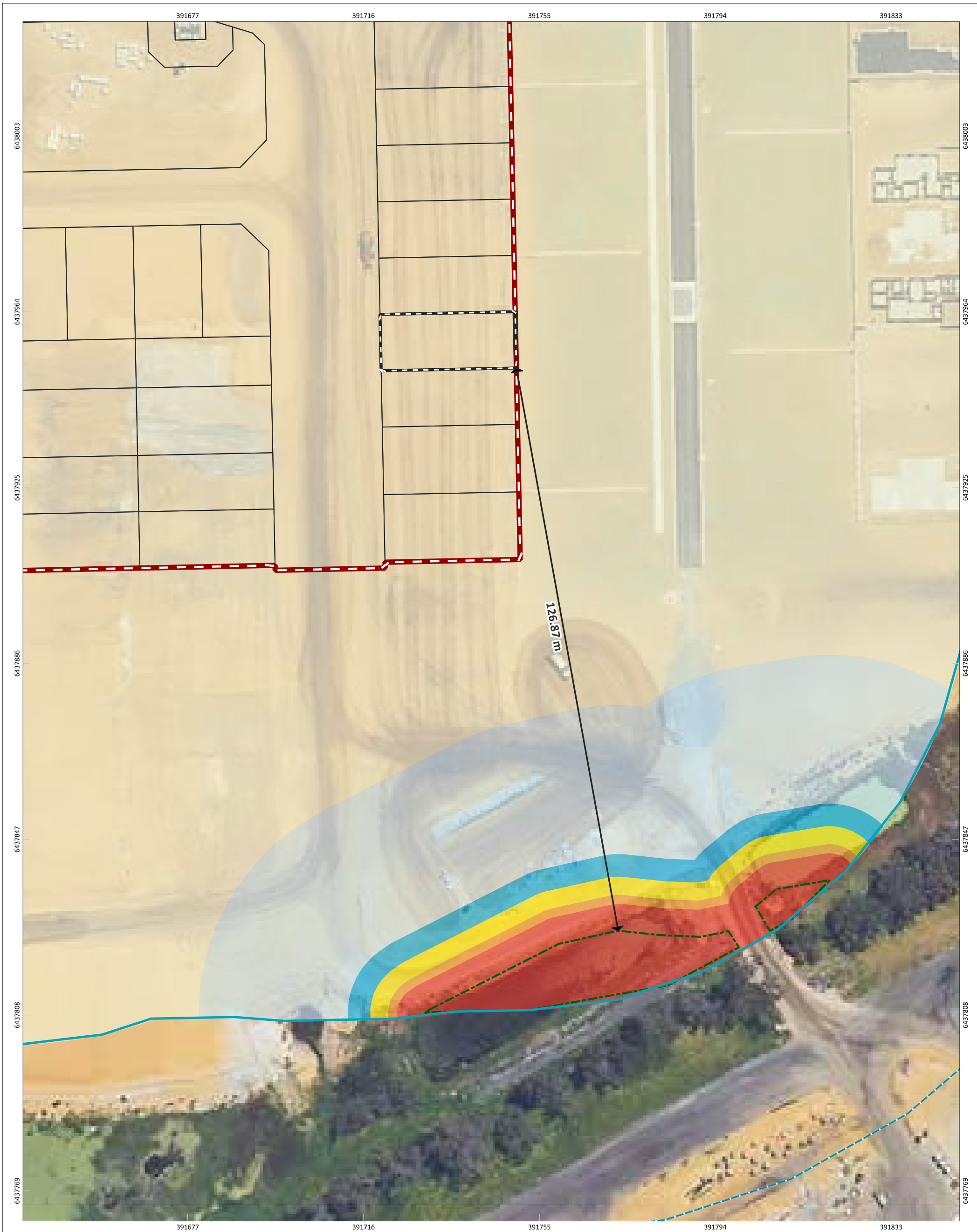


Figure: Bushfire Attack level (BAL) Contours - Lot 586

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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SCALE 1:782	SHEET SIZE A3 COLOUR	CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023		NOTES: Cadastral boundary (LGATE-002).																													

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 587 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	115 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

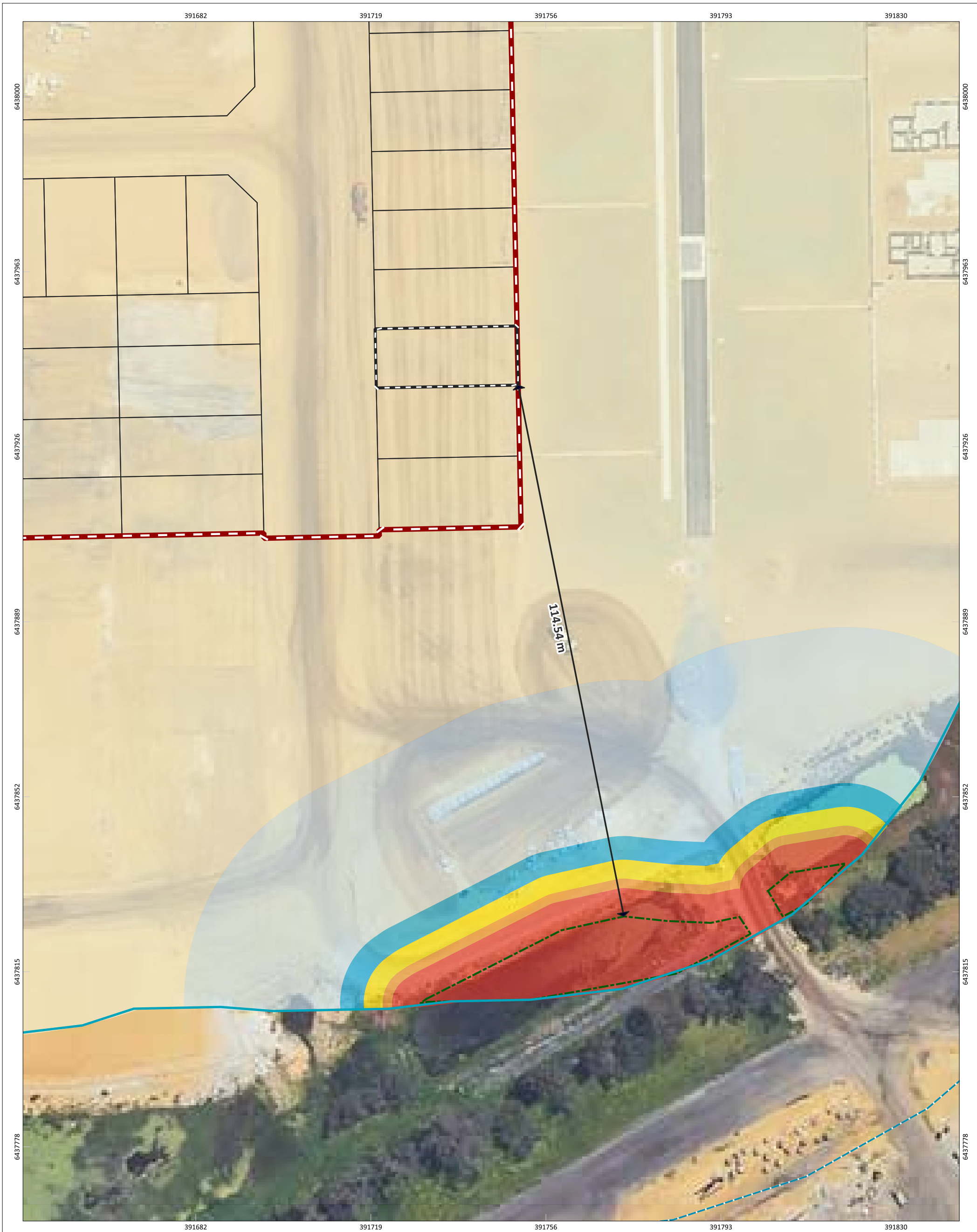


Figure: Bushfire Attack level (BAL) Contours - Lot 587

 SCALE 1:745 SHEET SIZE A3 COLOUR	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au																											
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																												

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 588 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	100 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: 29/9/2023



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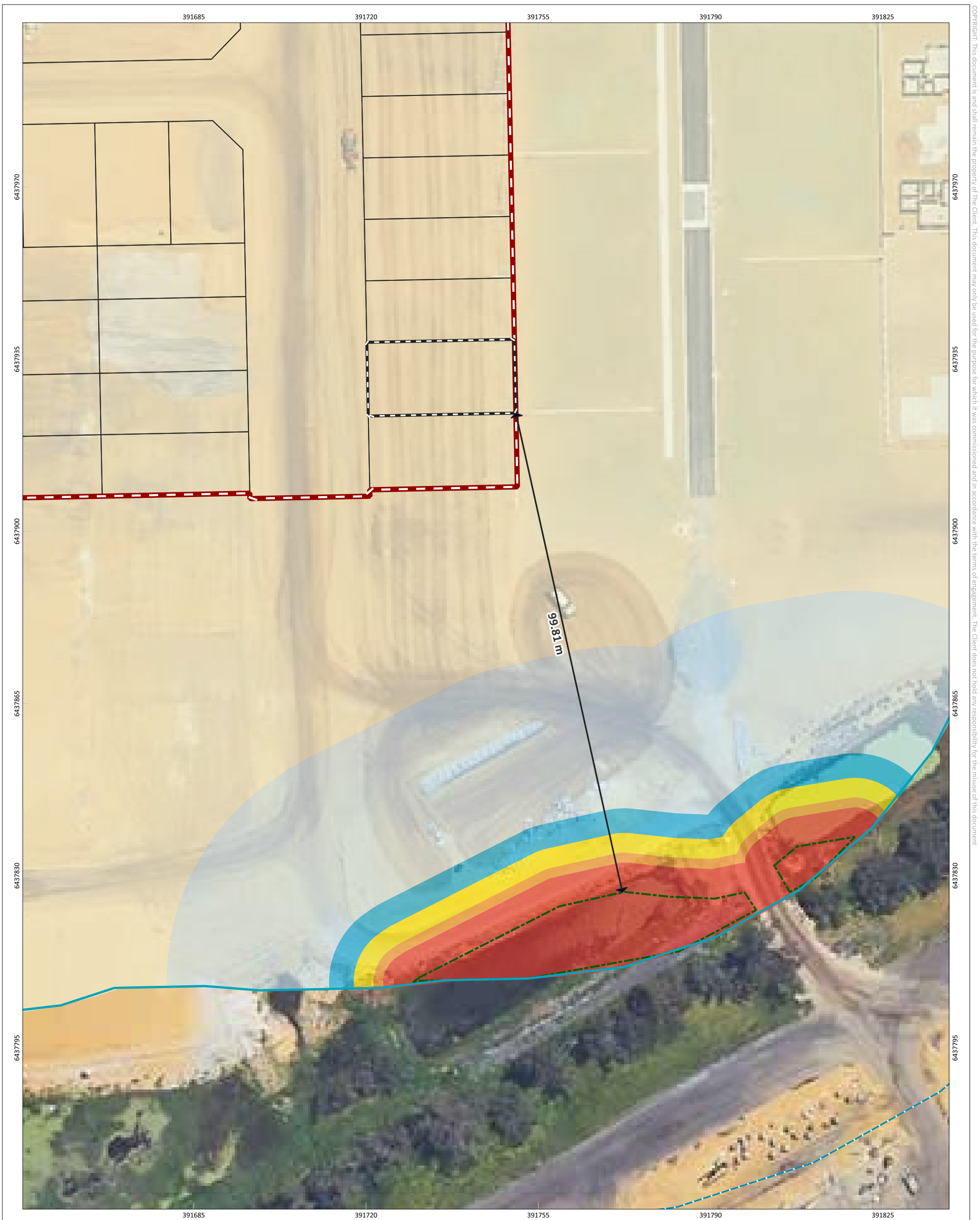


Figure: Bushfire Attack level (BAL) Contours - Lot 588

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 589 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

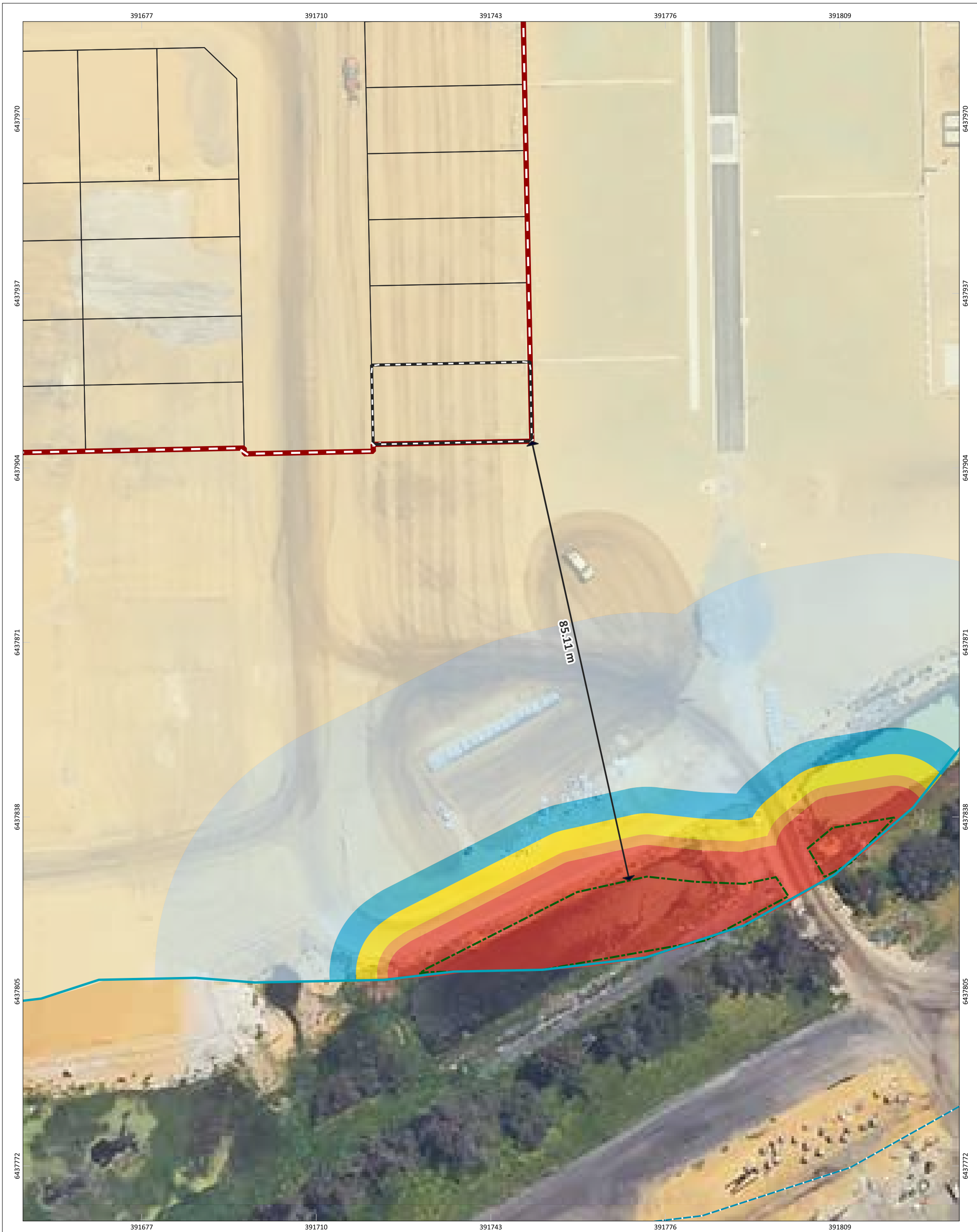


Figure: Bushfire Attack level (BAL) Contours - Lot 589

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
SCALE 1:666	SHEET SIZE A3 COLOUR	CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	NOTES: Cadastral boundary (LGATE-002).																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 611 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023


Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	103 m	BAL-LOW

Practitioner Details

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

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

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

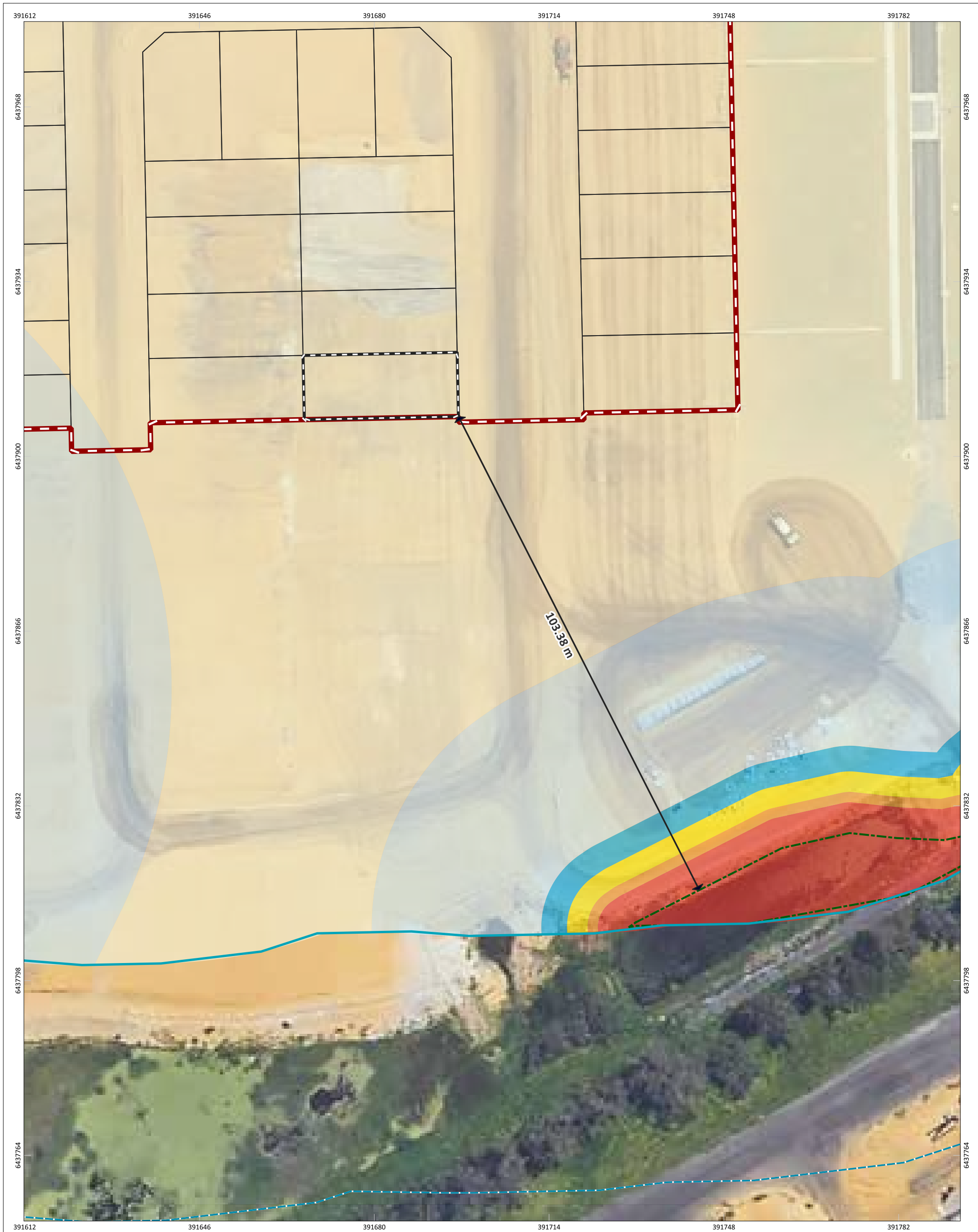


Figure: Bushfire Attack level (BAL) Contours - Lot 611

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
SCALE 1:686	SHEET SIZE A3 COLOUR	CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023			NOTES: Cadastral boundary (LGATE-002).																									

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 612 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	115 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

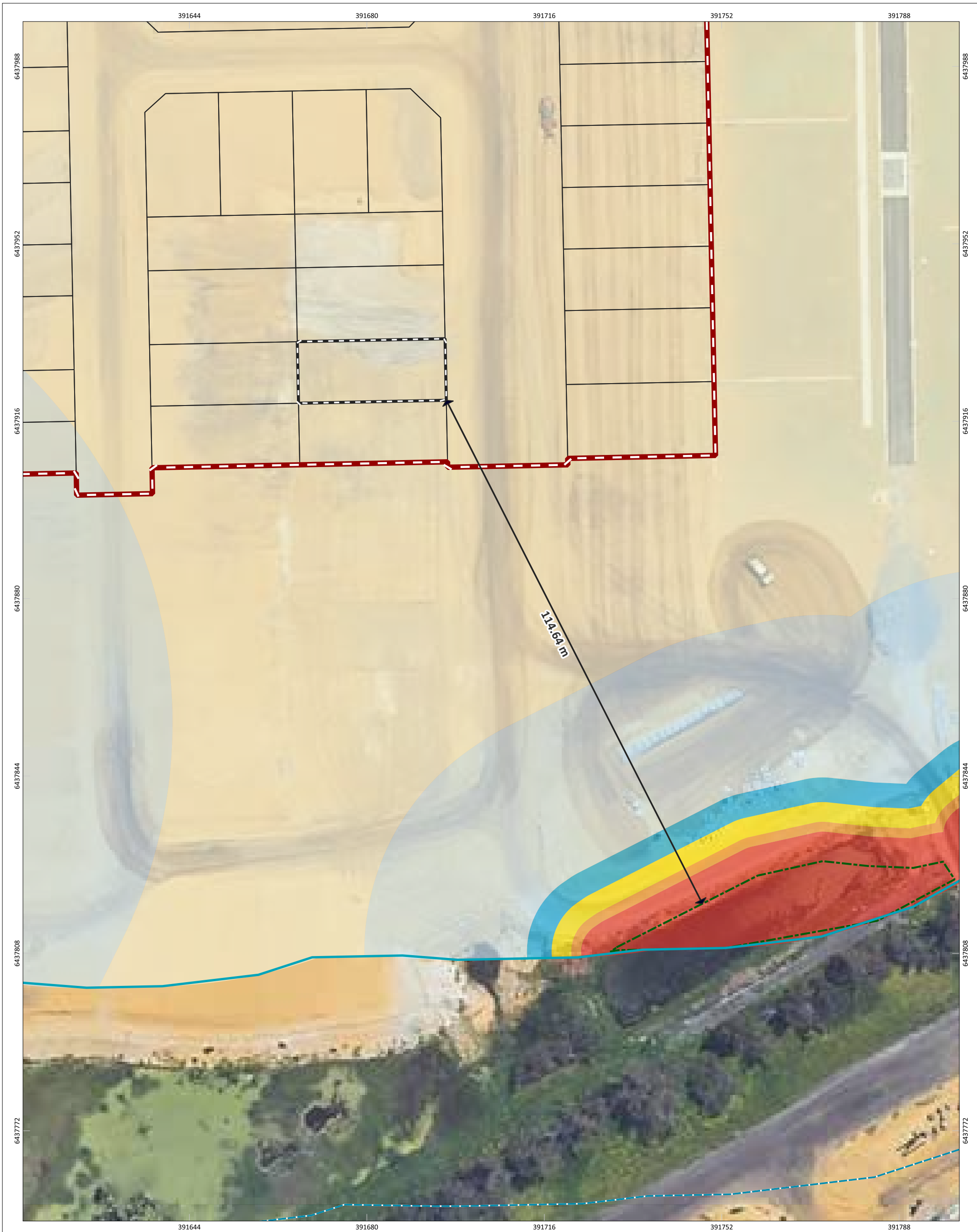


Figure: Bushfire Attack level (BAL) Contours - Lot 612

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 613 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	126 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

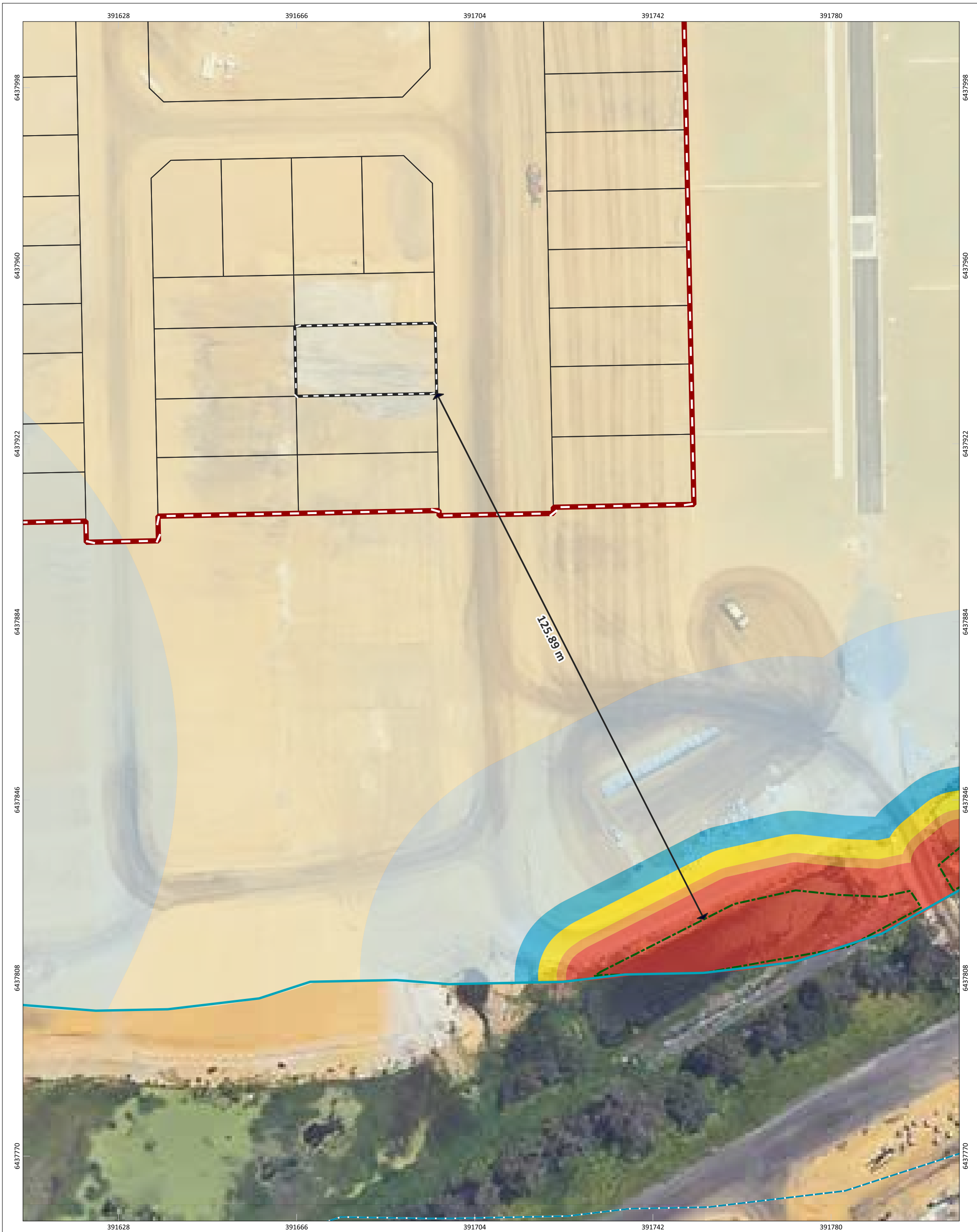


Figure: Bushfire Attack level (BAL) Contours - Lot 613

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
SCALE 1:752	SHEET SIZE A3 COLOUR	CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	NOTES: Cadastral boundary (LGATE-002).																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 614 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	139 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

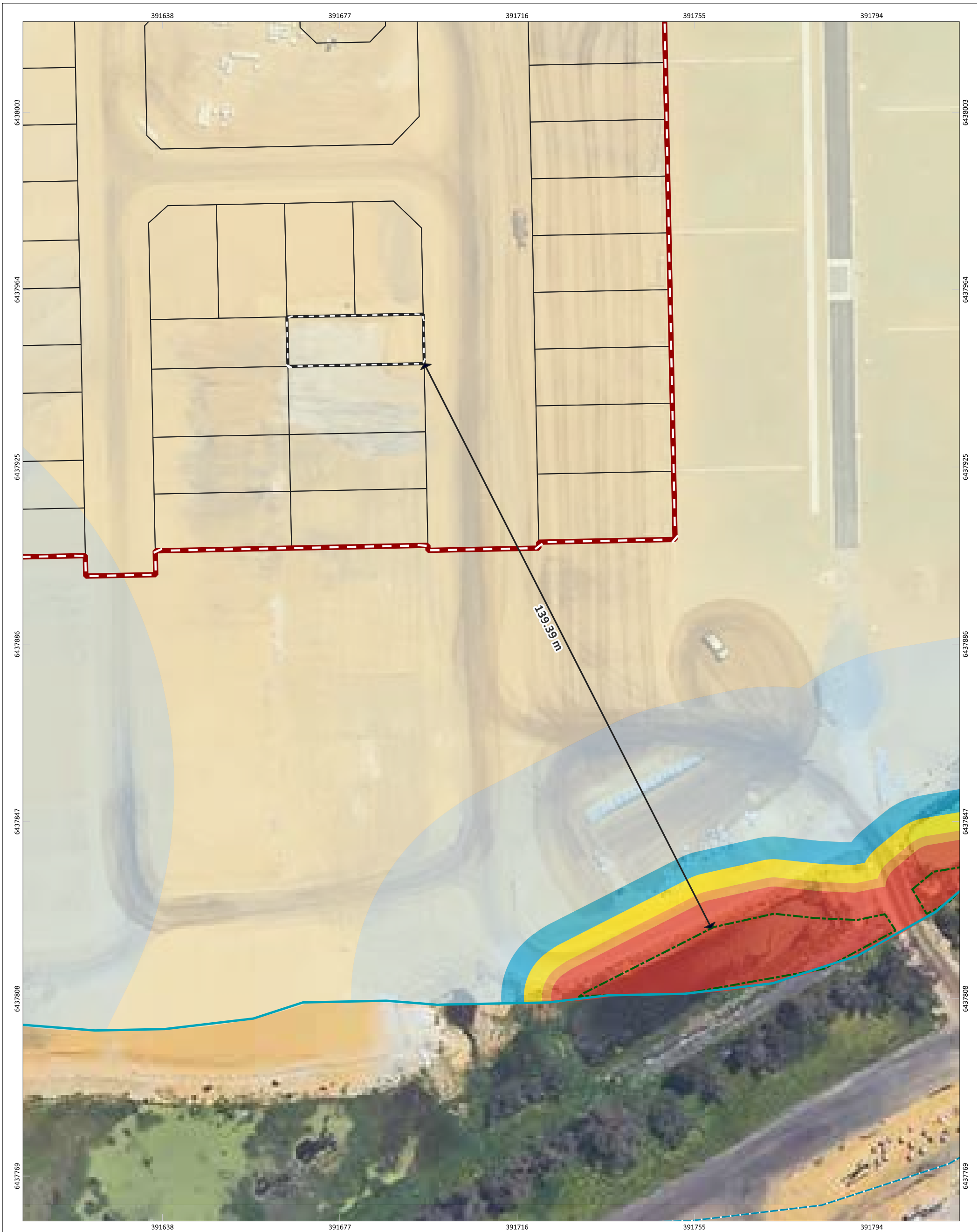


Figure: Bushfire Attack level (BAL) Contours - Lot 614

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 615 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	149 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 615

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 616 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	156 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: 29/9/2023



Accreditation No: BPAD 37802
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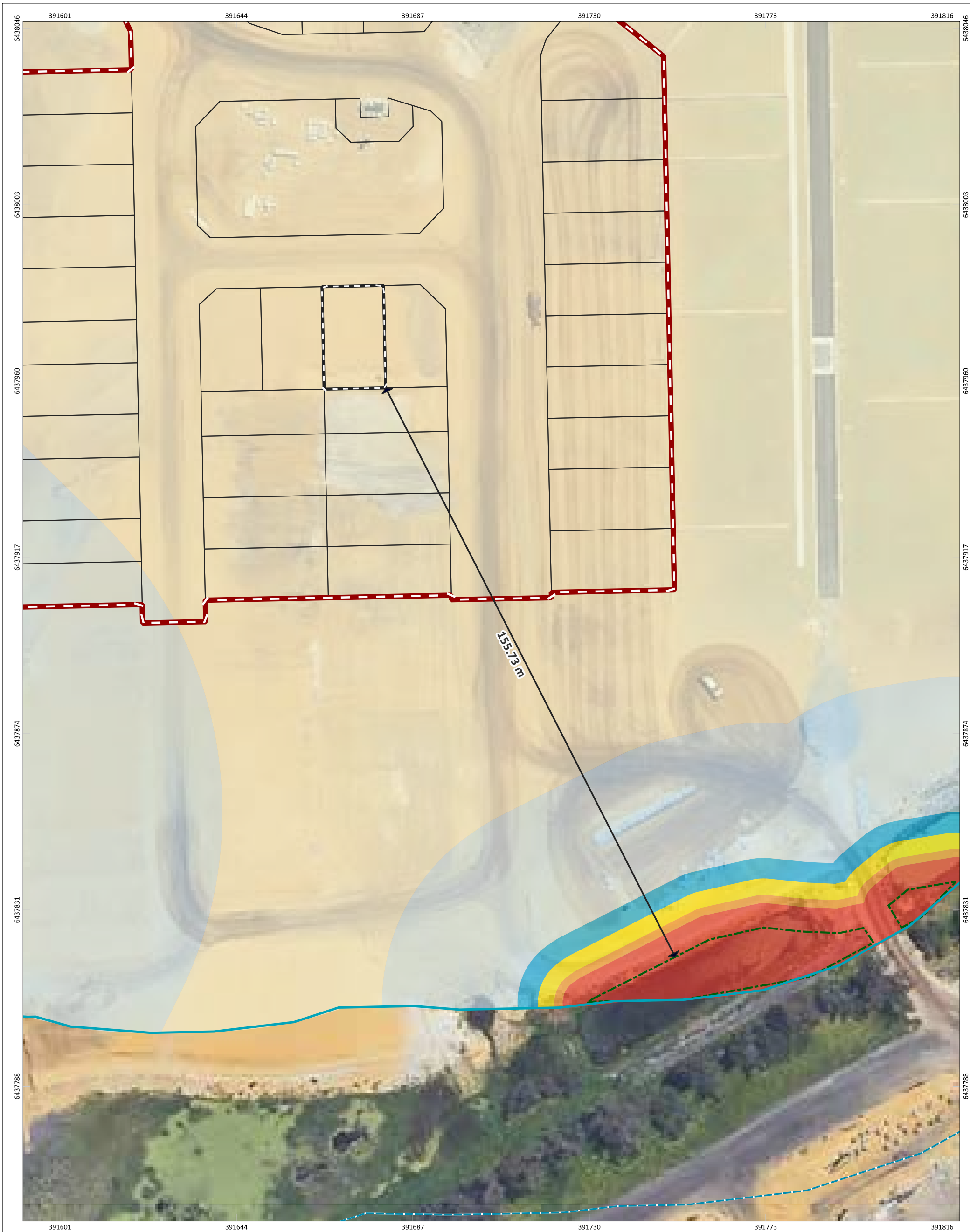


Figure: Bushfire Attack level (BAL) Contours - Lot 616

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend 	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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SCALE 1:859	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																											
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																															

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 617 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023


Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	150 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

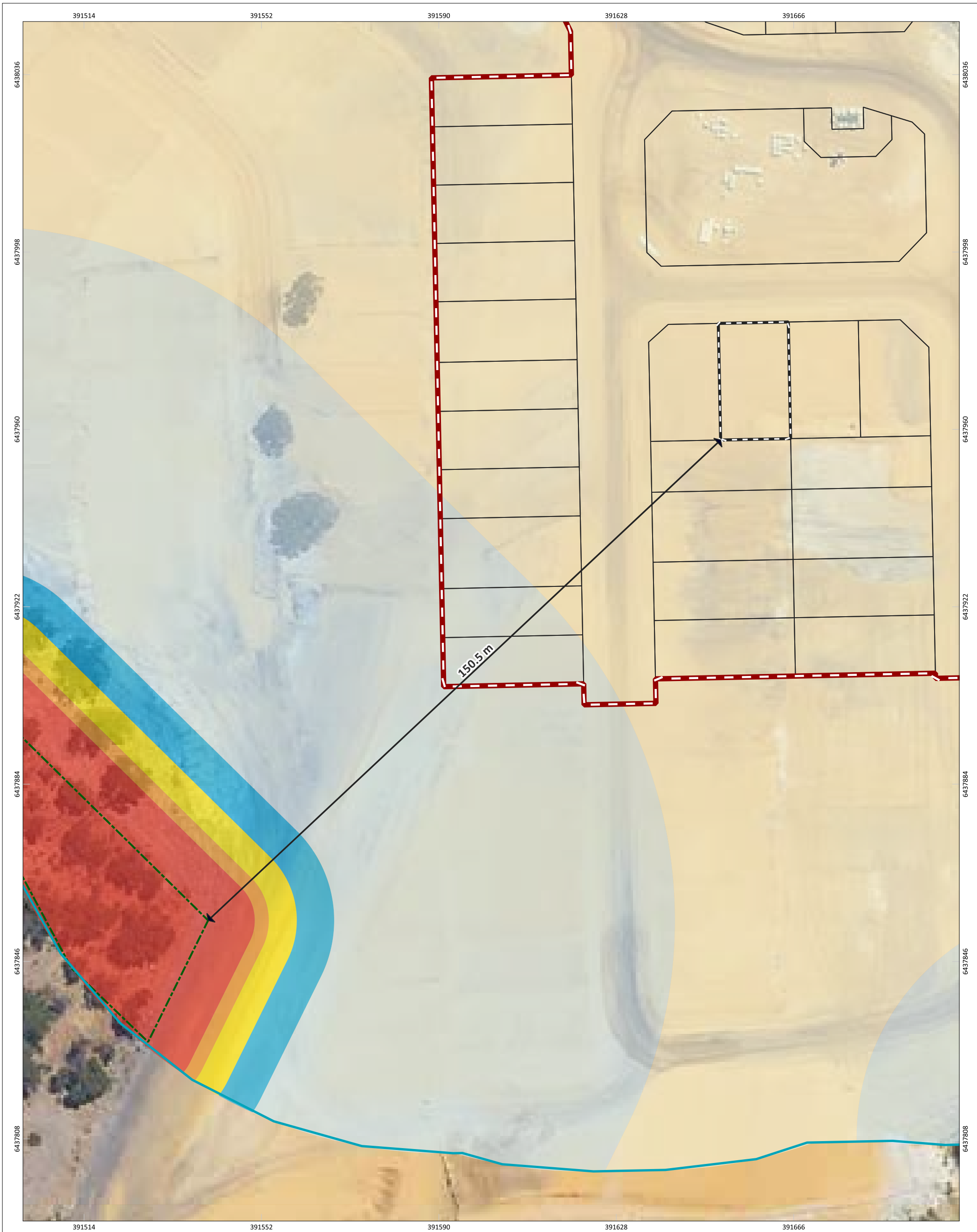


Figure: Bushfire Attack level (BAL) Contours - Lot 617

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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SCALE 1:755	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 618 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	140 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

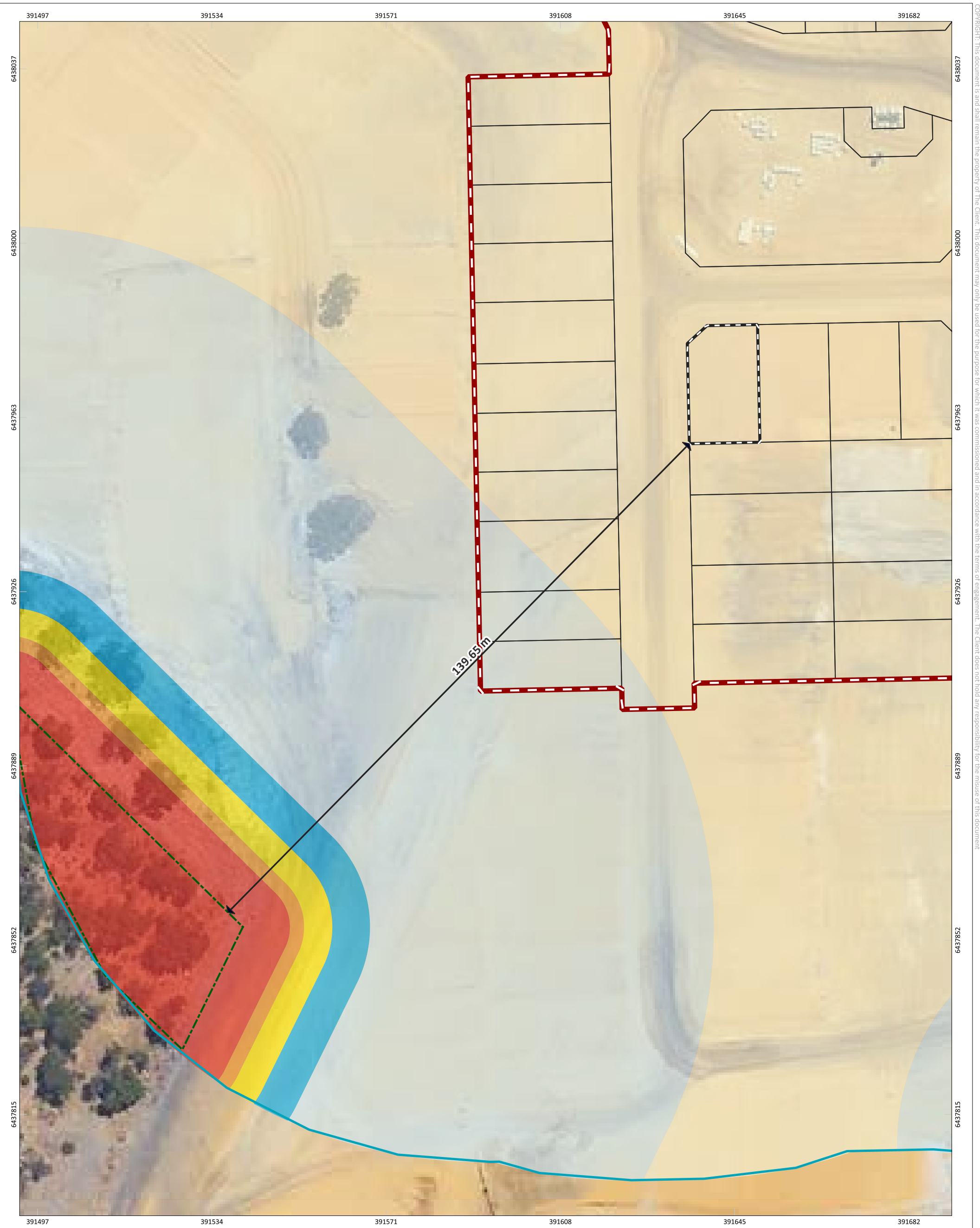


Figure: Bushfire Attack level (BAL) Contours - Lot 618

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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SCALE 1:745	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).																													
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DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 619 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	132 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 619

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																				
	No	Description				Drawn	Approved	Date																												
A	Original issue	MD	DP	29/9/2023																																
SCALE 1:682	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																															
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 620 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	122 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

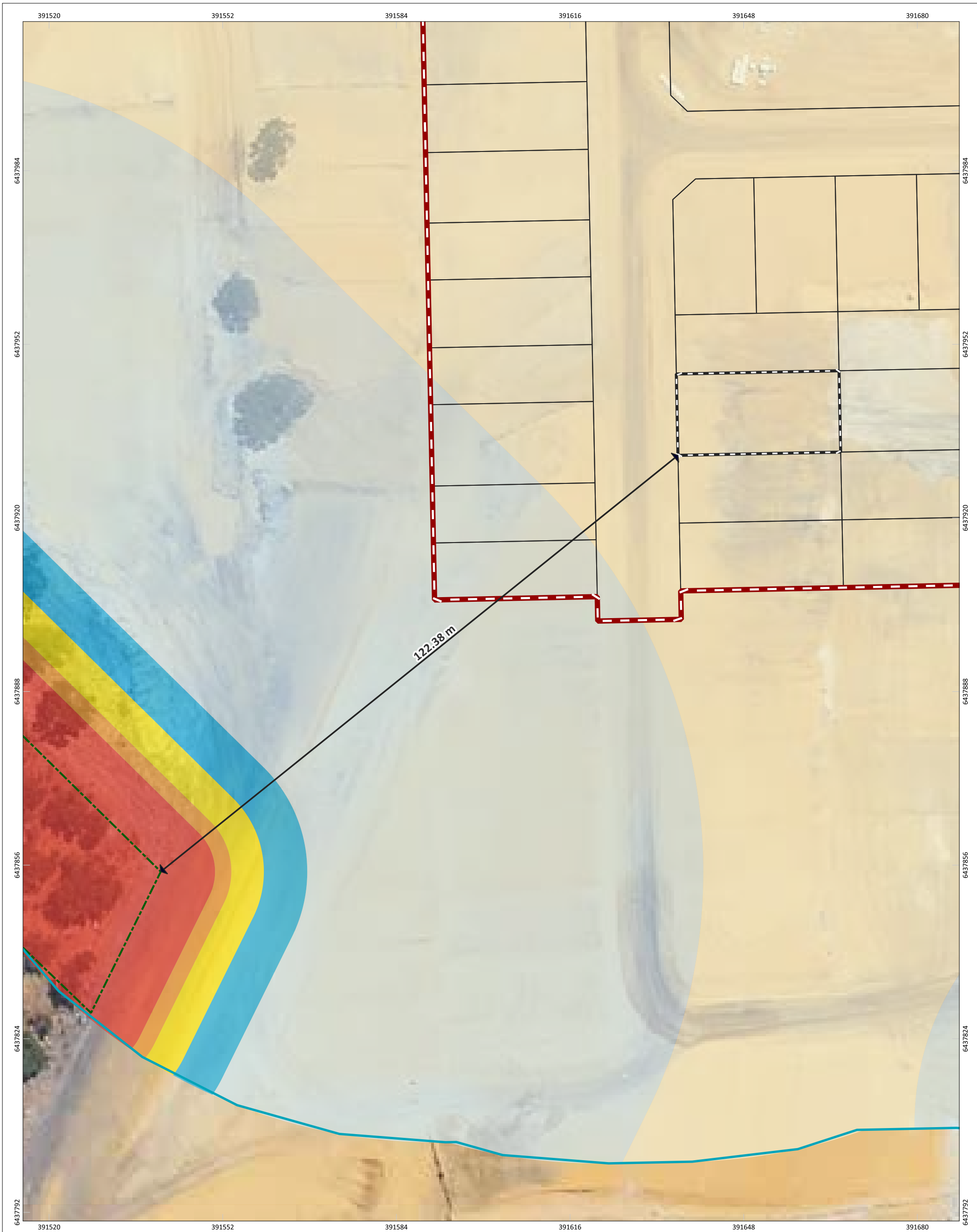


Figure: Bushfire Attack level (BAL) Contours - Lot 620

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
	No	Description				Drawn	Approved	Date																								
A	Original issue	MD	DP	29/9/2023																												
SCALE 1:650	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).																													
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 621 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	115 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 621

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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A	Original issue	MD	DP	29/9/2023																												
SCALE 1:605	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).																													
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 622 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	109 m	BAL-LOW

Practitioner Details

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

Name: Daniel Panickar
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 622

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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SCALE 1:569	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 635 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	71 m	BAL-12.5

Practitioner Details

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

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

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

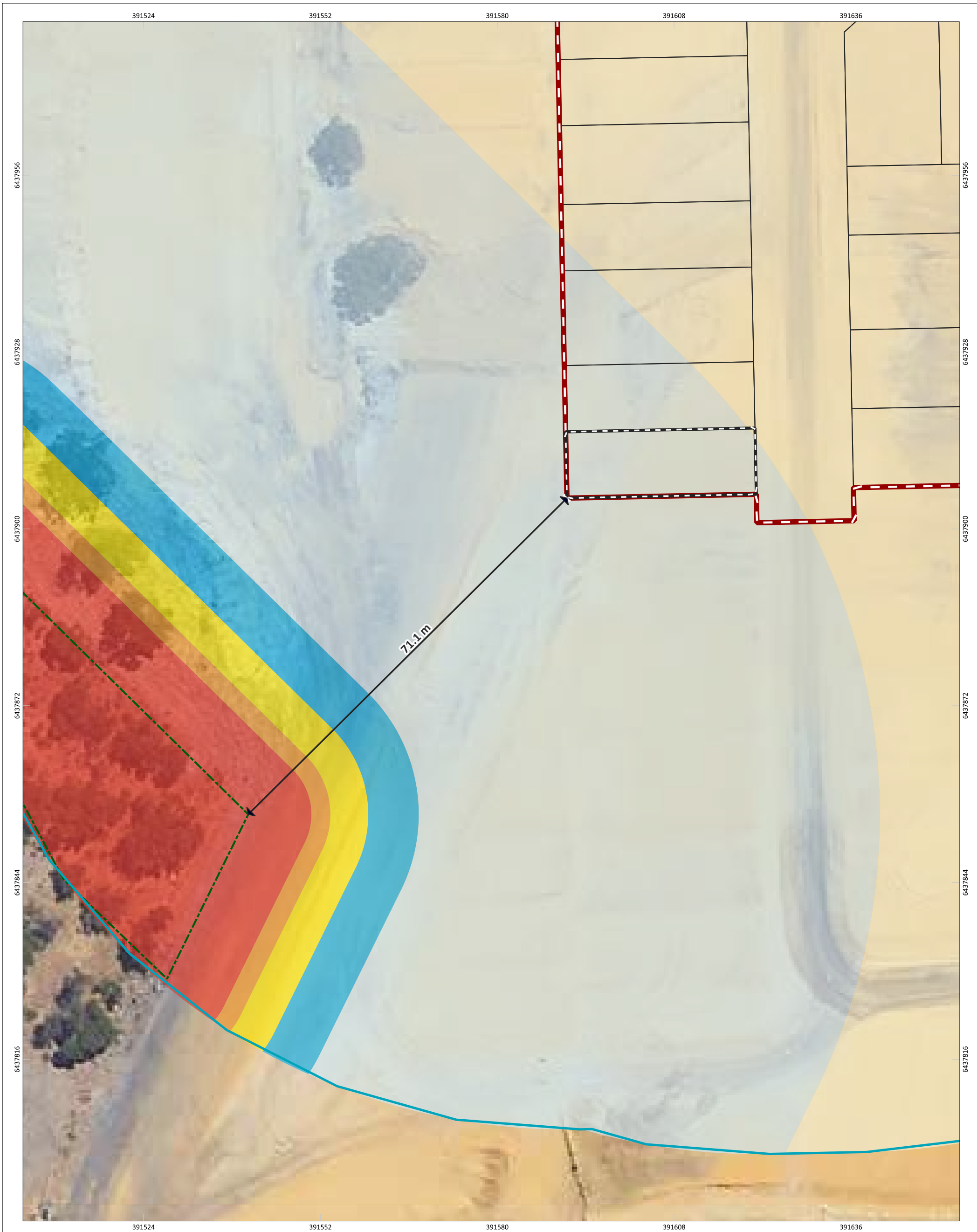


Figure: Bushfire Attack level (BAL) Contours - Lot 635

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																				
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COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 636 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	78 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 636

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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SCALE 1:575	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).																													
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 637 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

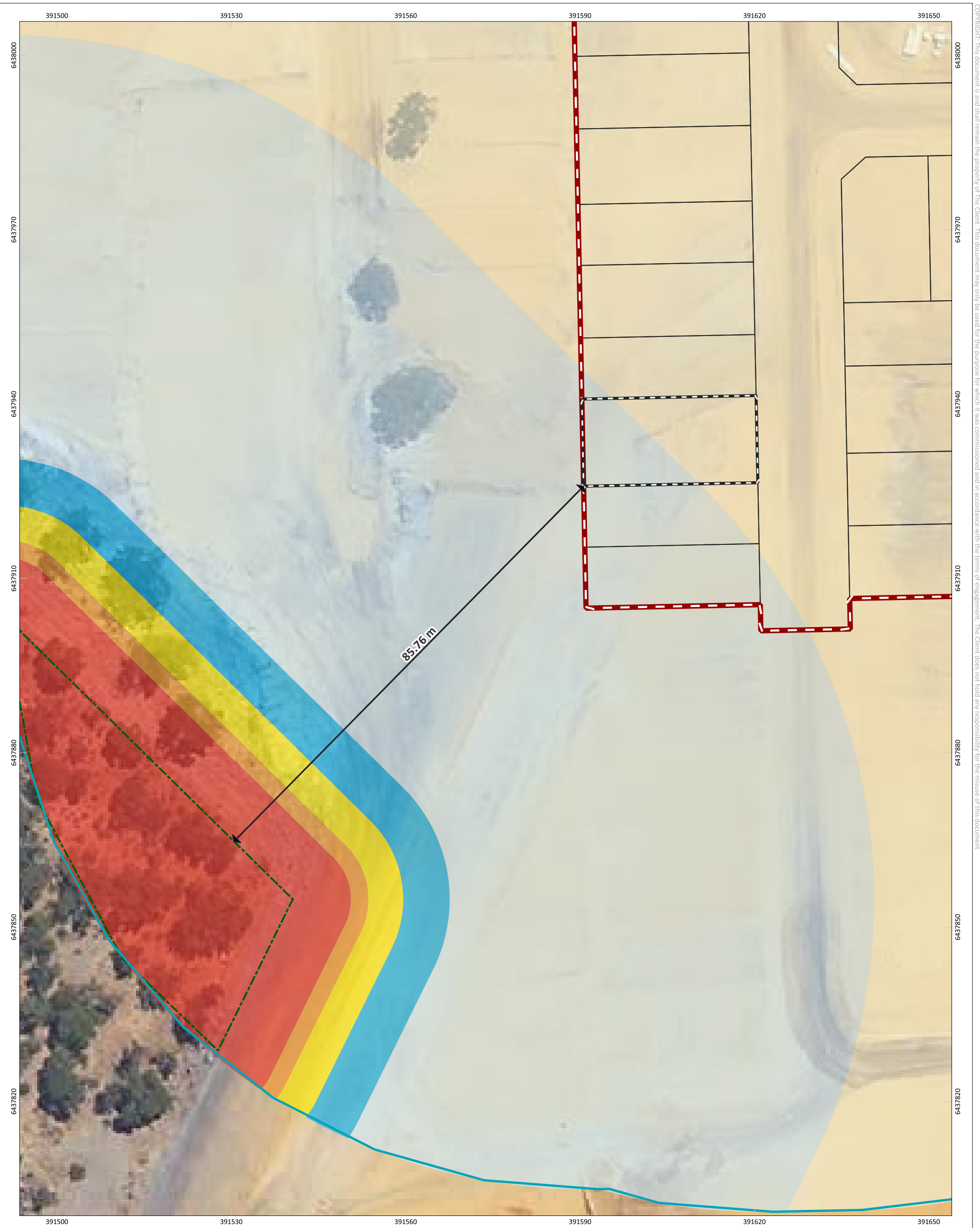


Figure: Bushfire Attack level (BAL) Contours - Lot 637

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend 	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
SCALE 1:604	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).																											
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		PROJECT NUMBER A23.122	DATE 29/9/2023	Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au																											
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023		DRAWN BY / REVIEWED BY MD/DP																													

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 638 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	96 m	BAL-12.5

Practitioner Details

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

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

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

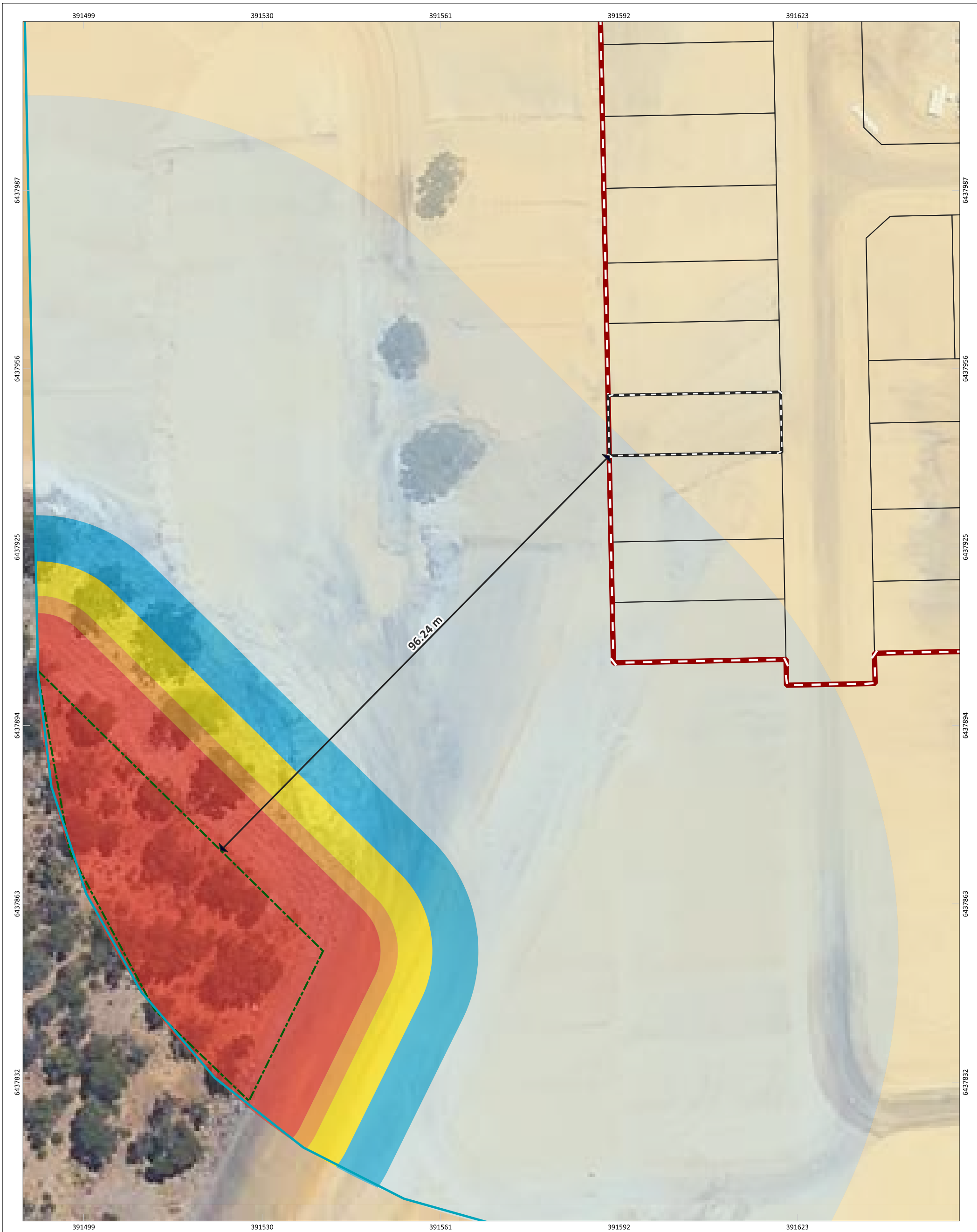


Figure: Bushfire Attack level (BAL) Contours - Lot 638

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend 	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																				
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COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	G:\GIS\Project Data\A23.122\A23.122.qgz																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 639 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup **State:** WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 **Report Date:** 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	104 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

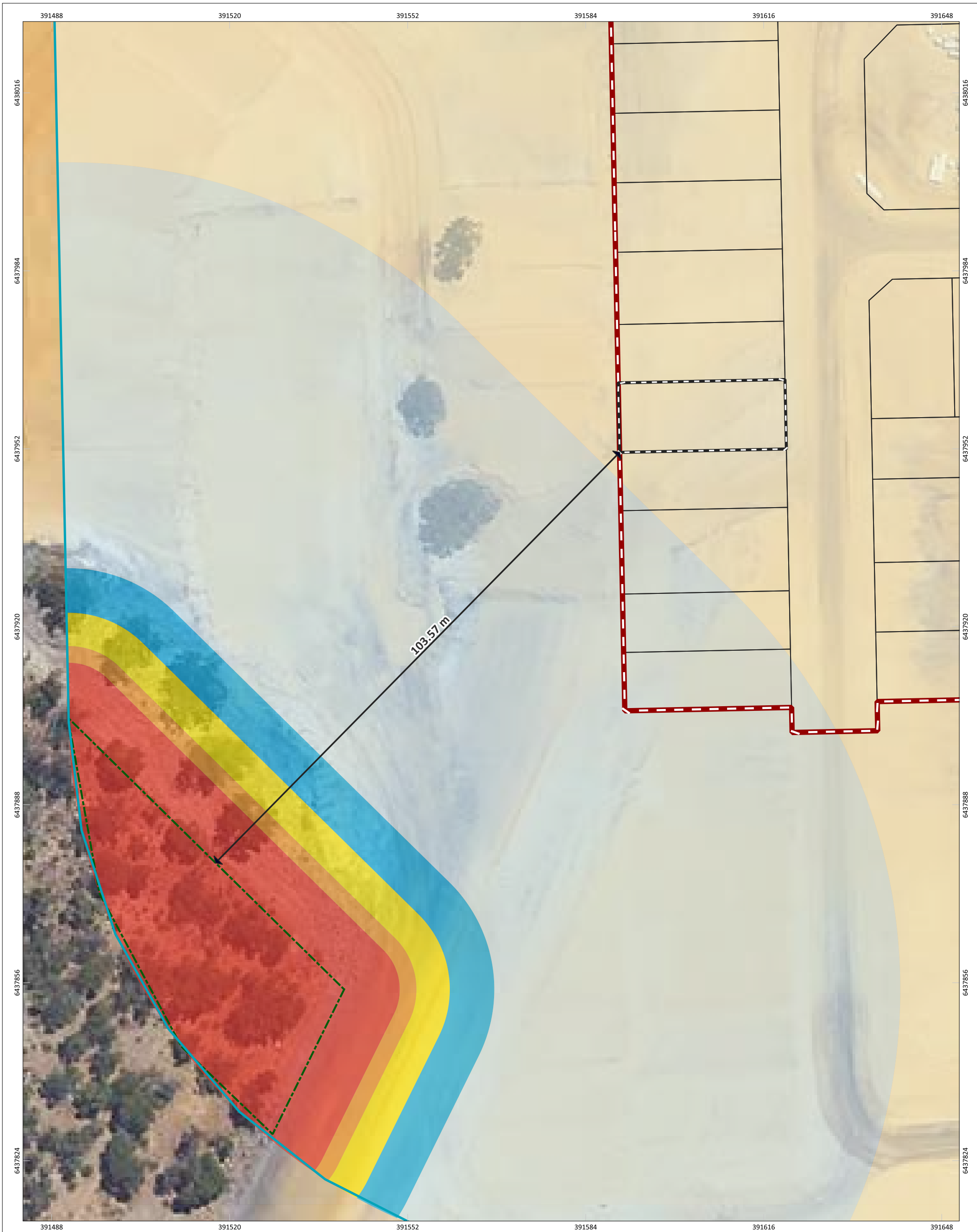


Figure: Bushfire Attack level (BAL) Contours - Lot 639

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 640 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	112 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

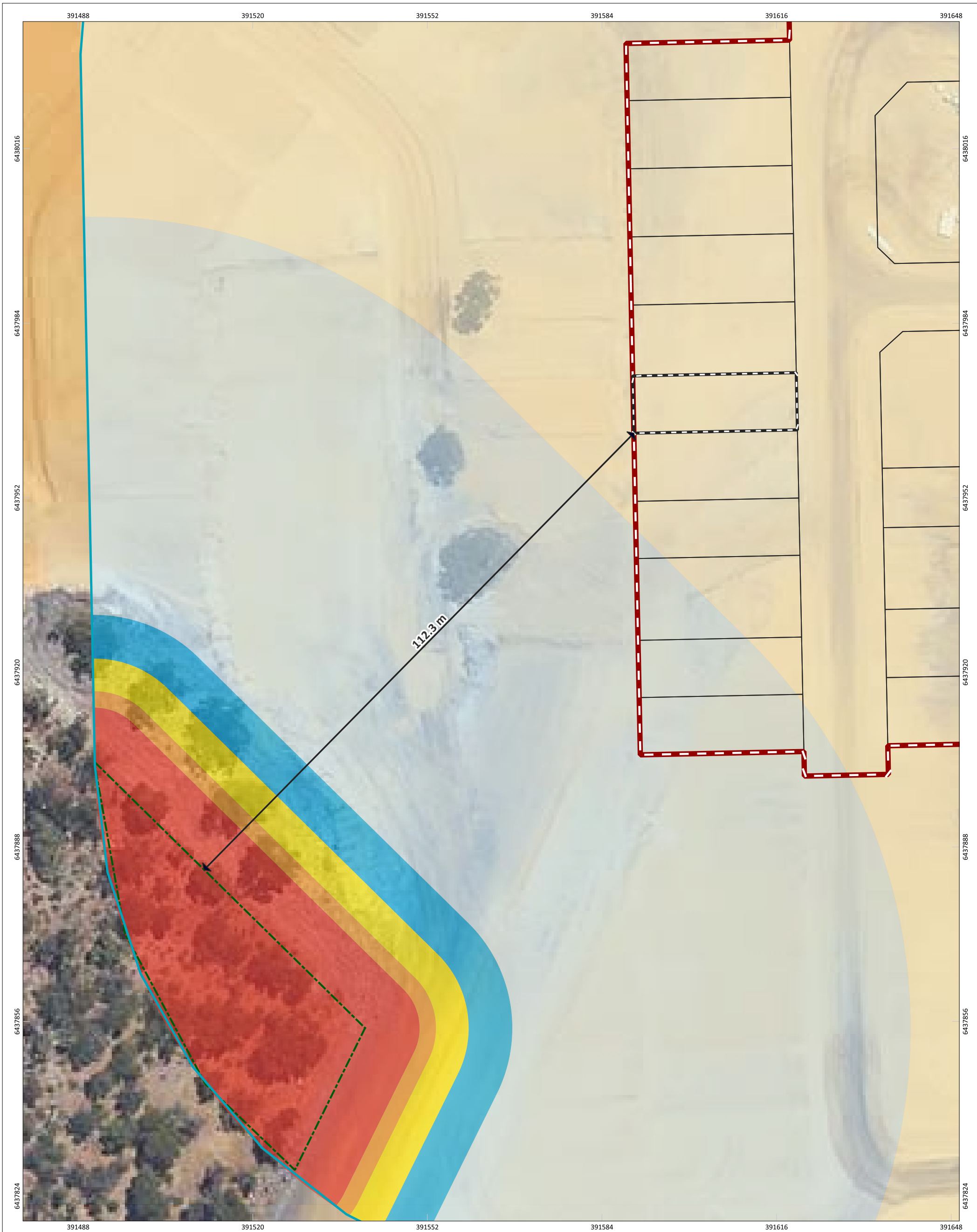


Figure: Bushfire Attack level (BAL) Contours - Lot 640

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		No A	Description Original issue	Drawn MD	Approved DP	Date 29/9/2023
	SCALE 1:646	SHEET SIZE A3 COLOUR				CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023							

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 641 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	120 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

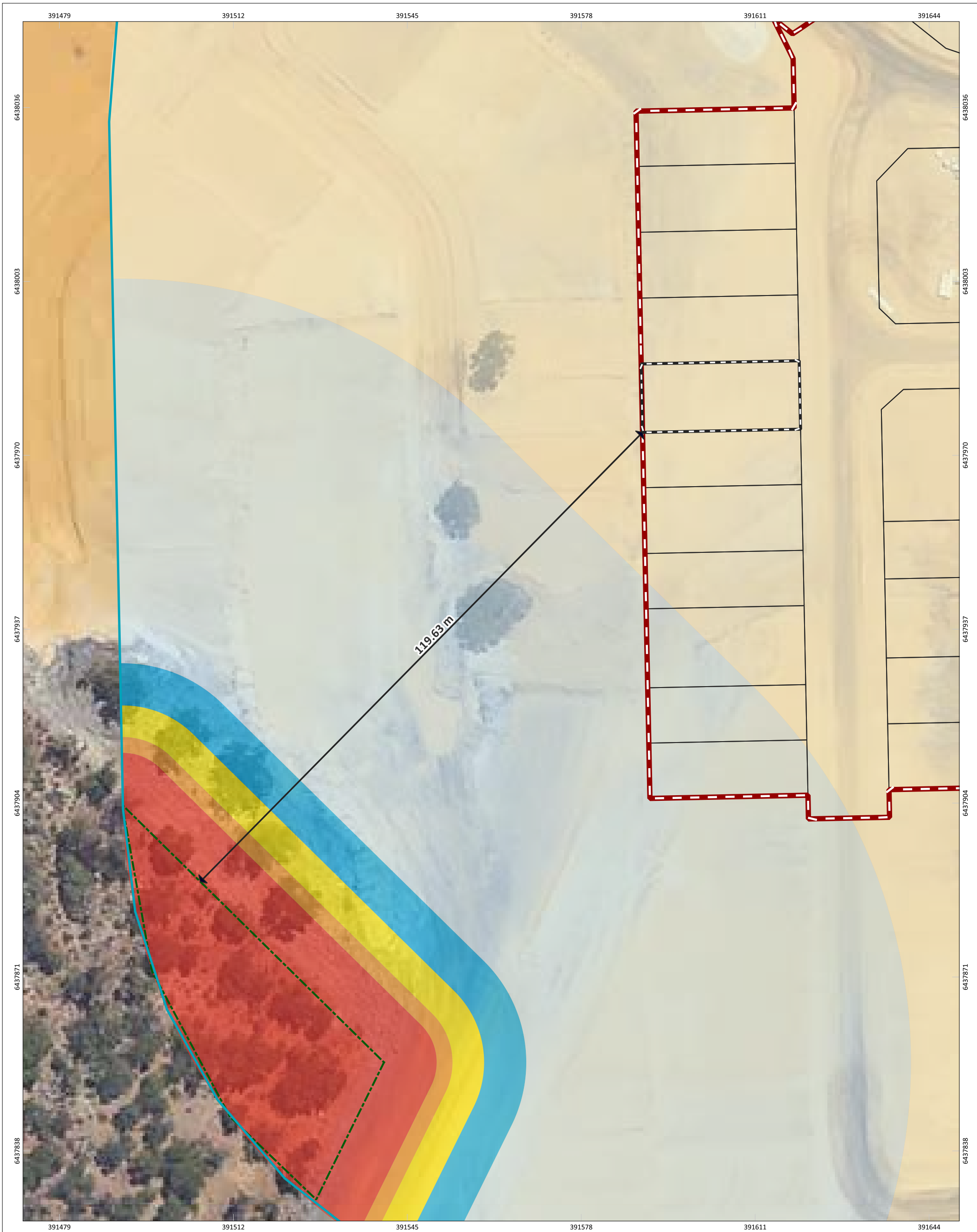


Figure: Bushfire Attack level (BAL) Contours - Lot 641

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend 	Bushfire Attack Level (BAL) 		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
	No	Description				Drawn	Approved	Date																								
A	Original issue	MD	DP	29/9/2023																												
SCALE 1:669	SHEET SIZE A3 COLOUR	CLIENT QUBE	NOTES: Cadastral boundary (LGATE-002).																													
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023	G:\GIS\Project Data\A23.122\A23.122.qgz																										

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 642 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	129 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 642

 SCALE: 1:686 SHEET SIZE: A3 COLOUR	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au																											
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																												

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 643 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	137 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

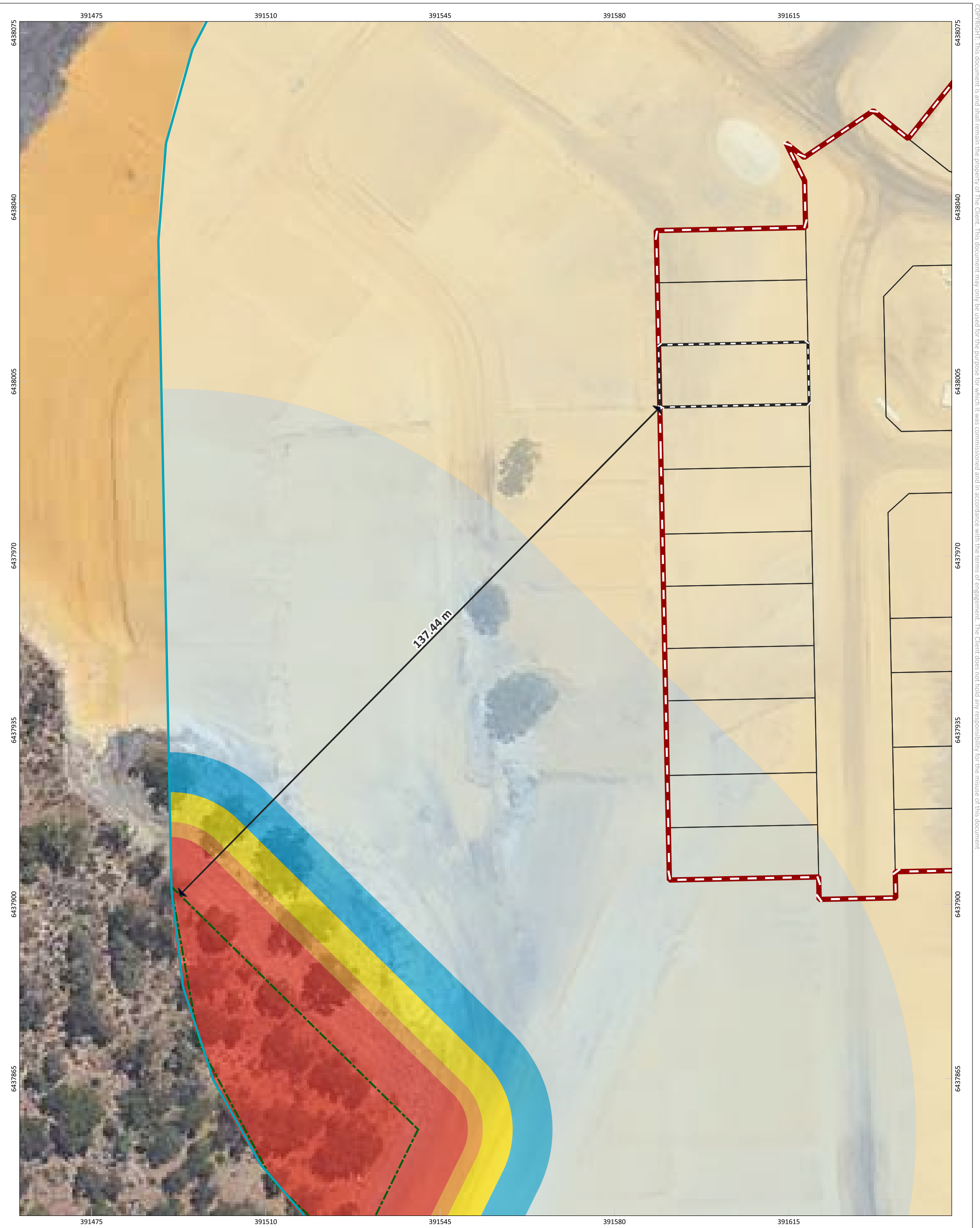


Figure: Bushfire Attack level (BAL) Contours - Lot 643

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																				
	No	Description				Drawn	Approved	Date																												
A	Original issue	MD	DP	29/9/2023																																
SCALE 1:704	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@westenv.com.au Level 3/25 Prowse St, West Perth WA 6005 westenv.com.au</p>																															
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 644 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	146 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

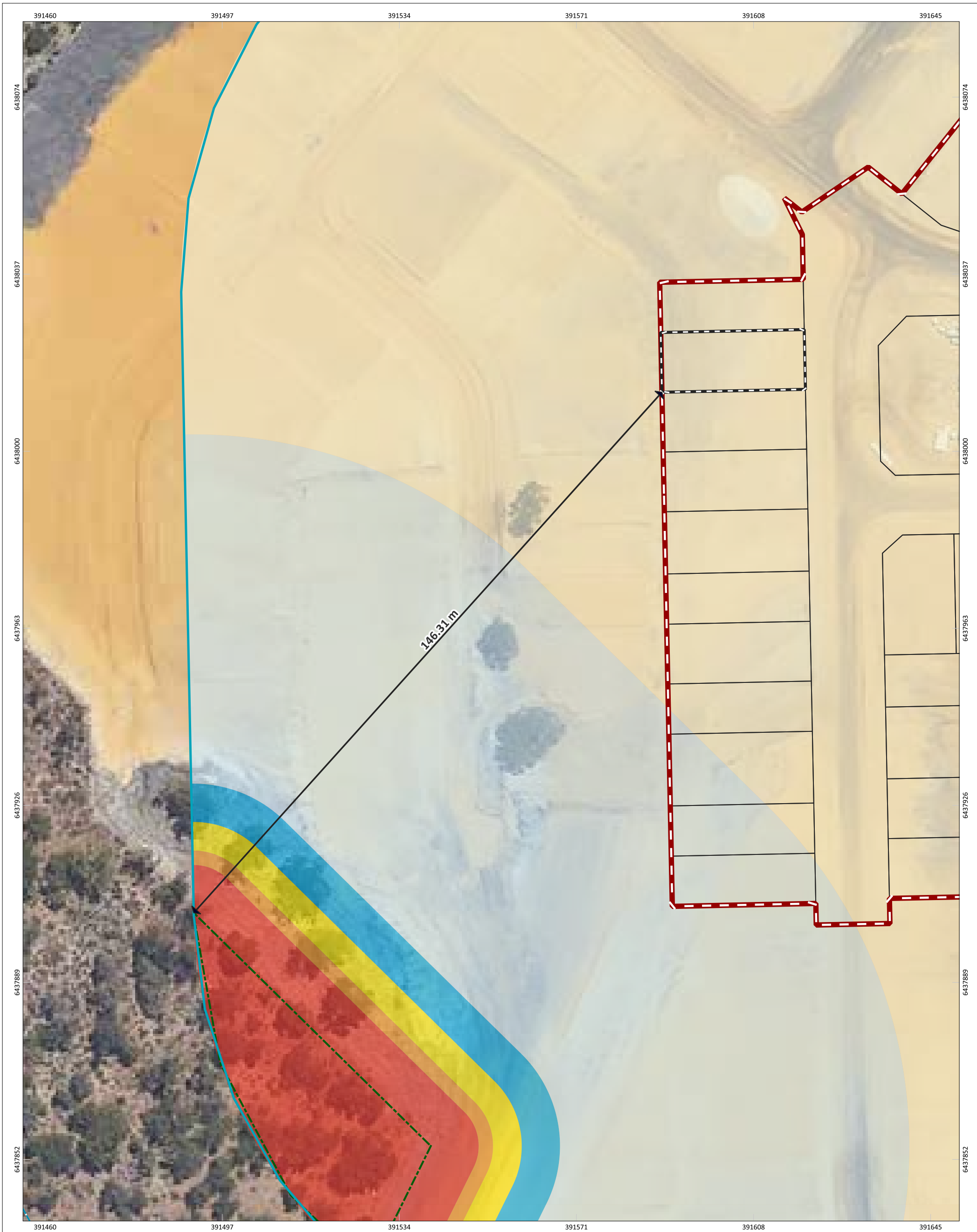


Figure: Bushfire Attack level (BAL) Contours - Lot 644

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>
	No	Description				Drawn	Approved	Date																								
A	Original issue	MD	DP	29/9/2023																												
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COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																																

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 645 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	156 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

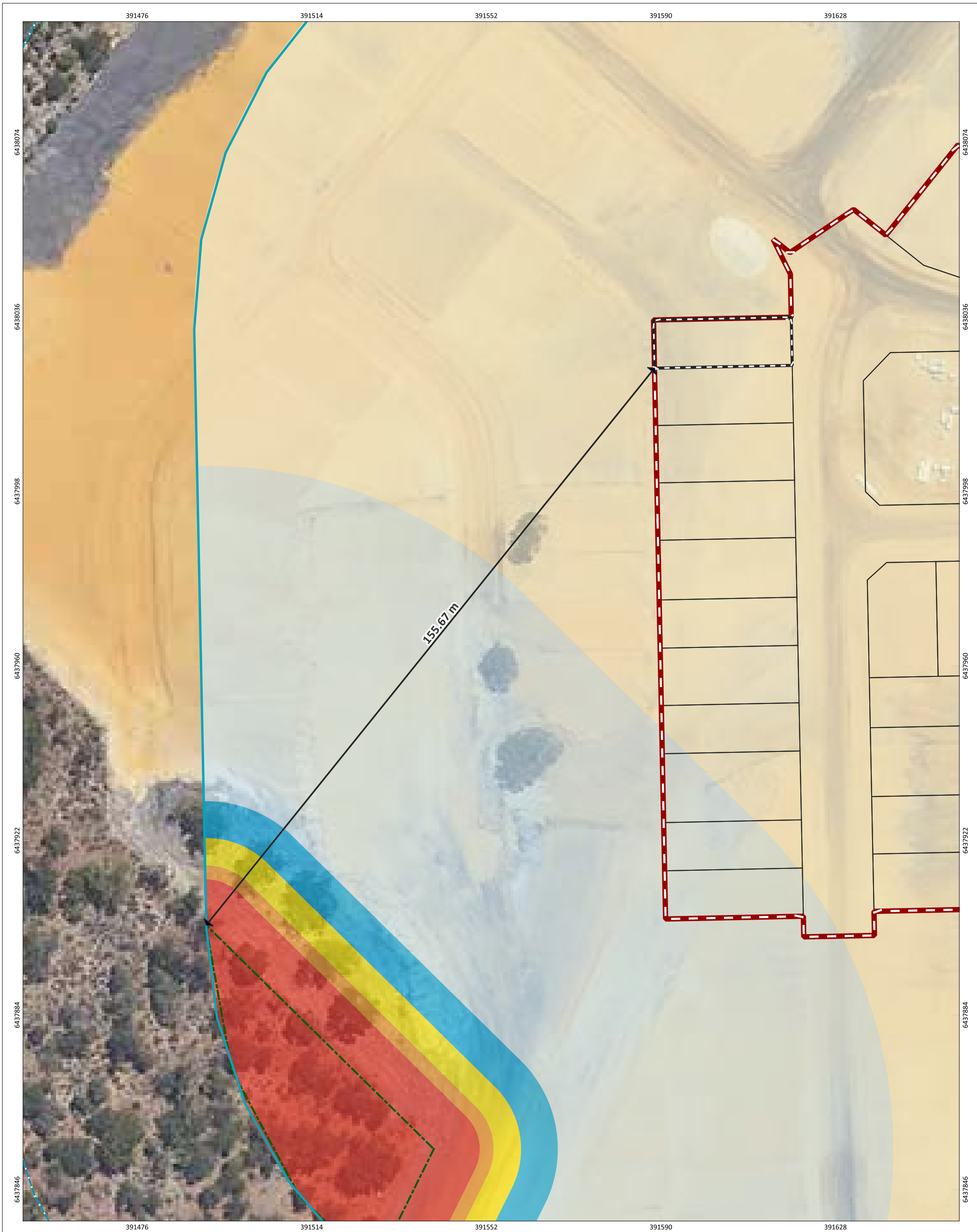


Figure: Bushfire Attack level (BAL) Contours - Lot 645

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
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COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																											

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 6759 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	219 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

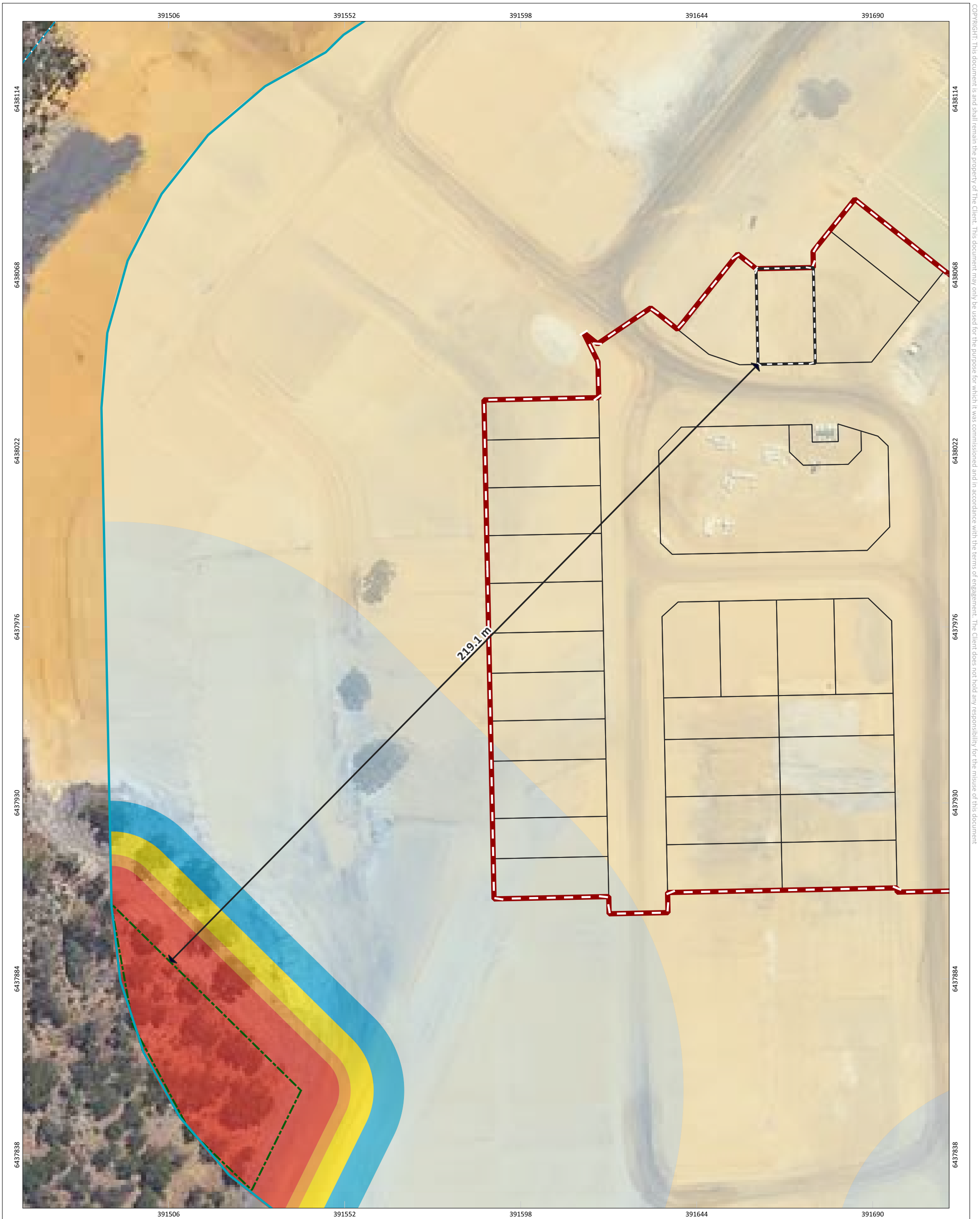
Name: **Daniel Panickar**
Western Environmental Approvals Pty Ltd

Signature: 

Certificate Date: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



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Figure: Bushfire Attack level (BAL) Contours - Lot 6759

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023																 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
	No	Description				Drawn	Approved	Date																								
A	Original issue	MD	DP	29/9/2023																												
SCALE 1:911	SHEET SIZE A3 COLOUR	CLIENT QUBE	PROJECT NUMBER A23.122	VERSION 0	NOTES: Cadastral boundary (LGATE-002).																											
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																													
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023		G:\GIS\Project Data\A23.122\A23.122.qgz																														

Designed and Automated by AC

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 758 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	211 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023



Figure: Bushfire Attack level (BAL) Contours - Lot 758

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		No. Description Drawn Approved Date A Original issue MD DP 29/9/2023	 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au
	SCALE 1:878	SHEET SIZE A3 COLOUR				CLIENT QUBE	
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	VERSION 0	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023			
DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023							

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 760 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	230 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

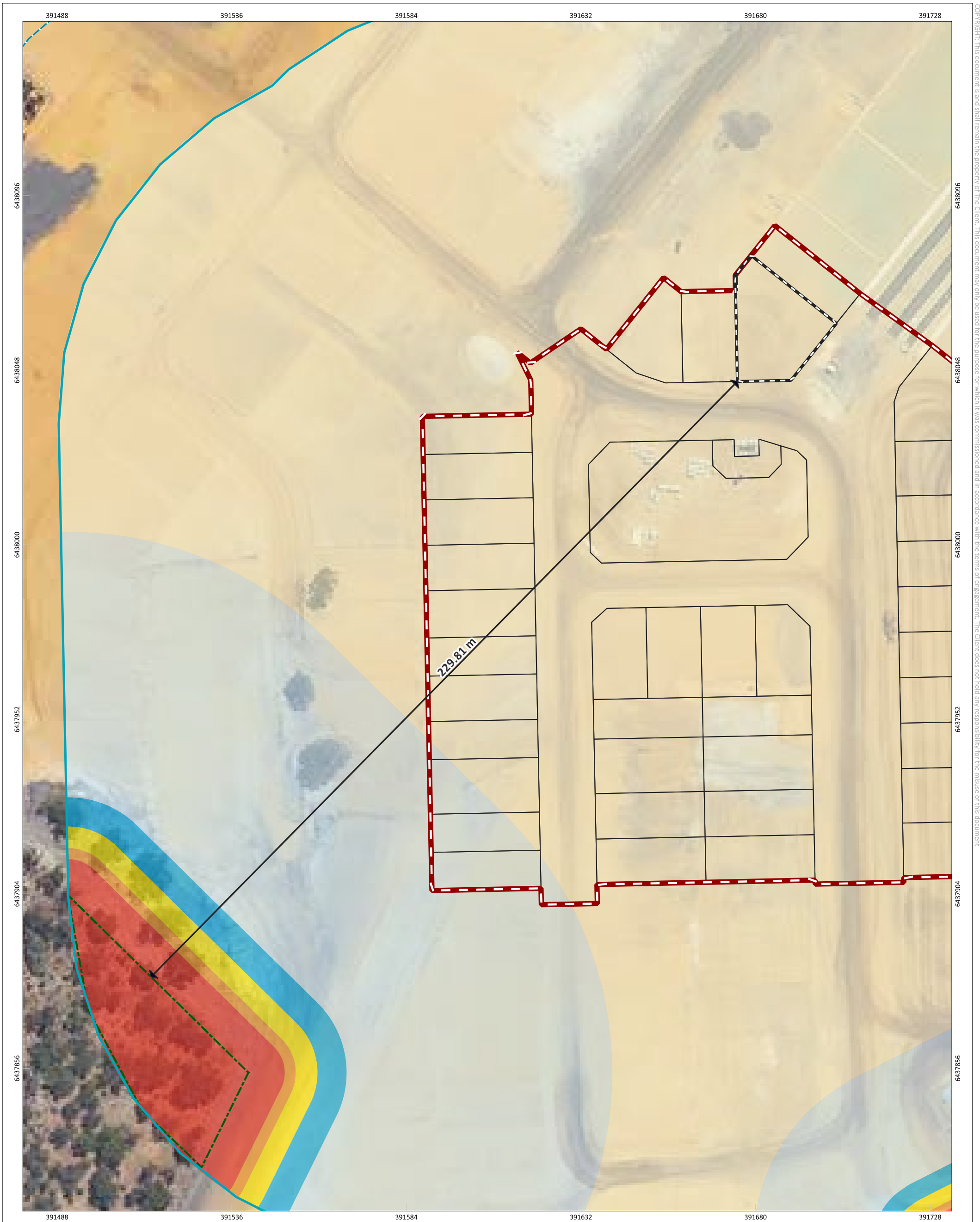


Figure: Bushfire Attack level (BAL) Contours - Lot 760

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
	No	Description				Drawn	Approved	Date																							
A	Original issue	MD	DP	29/9/2023																											
SCALE 1:961	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50		PROJECT NUMBER A23.122	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023		DRAWN BY / REVIEWED BY MD/DP																									

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 761 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class G - Grassland	All upslopes and flat land (0 degrees)	244 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

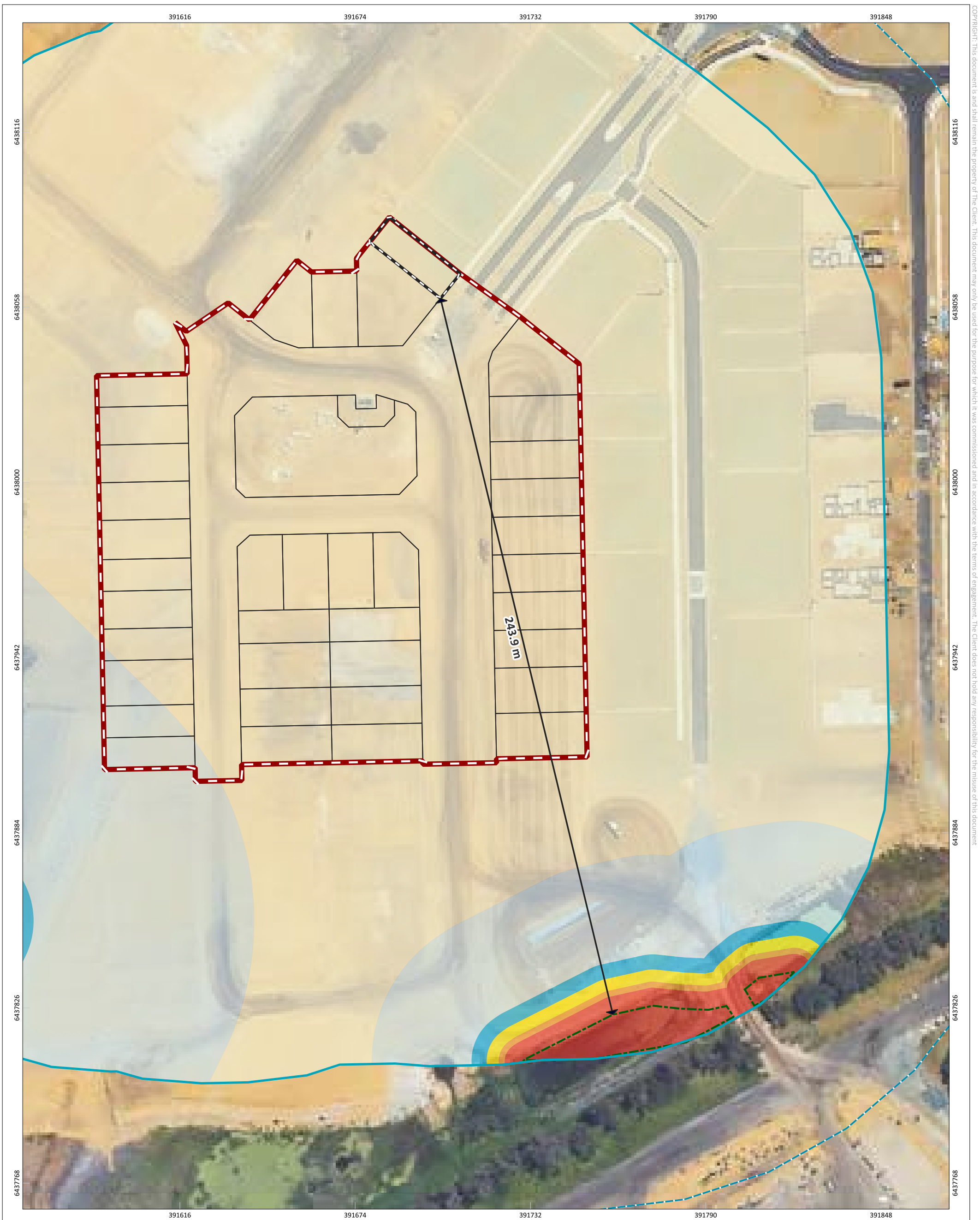


Figure: Bushfire Attack level (BAL) Contours - Lot 761

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
	No	Description				Drawn	Approved	Date																							
A	Original issue	MD	DP	29/9/2023																											
SCALE 1:1,154	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	 Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023																												

Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

Site Details

Address: Lot 8007 - Stage 14 Apsley Estate, Mandogalup

Suburb: Mandogalup State: WA

Local Government Area: City of Kwinana

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

Report / Job Number: A23.122 Report Date: 29/9/2023

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class D - Scrub	All upslopes and flat land (0 degrees)	168 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: 29/9/2023



Accreditation No: BPAD 37802
Expiry: December 2023

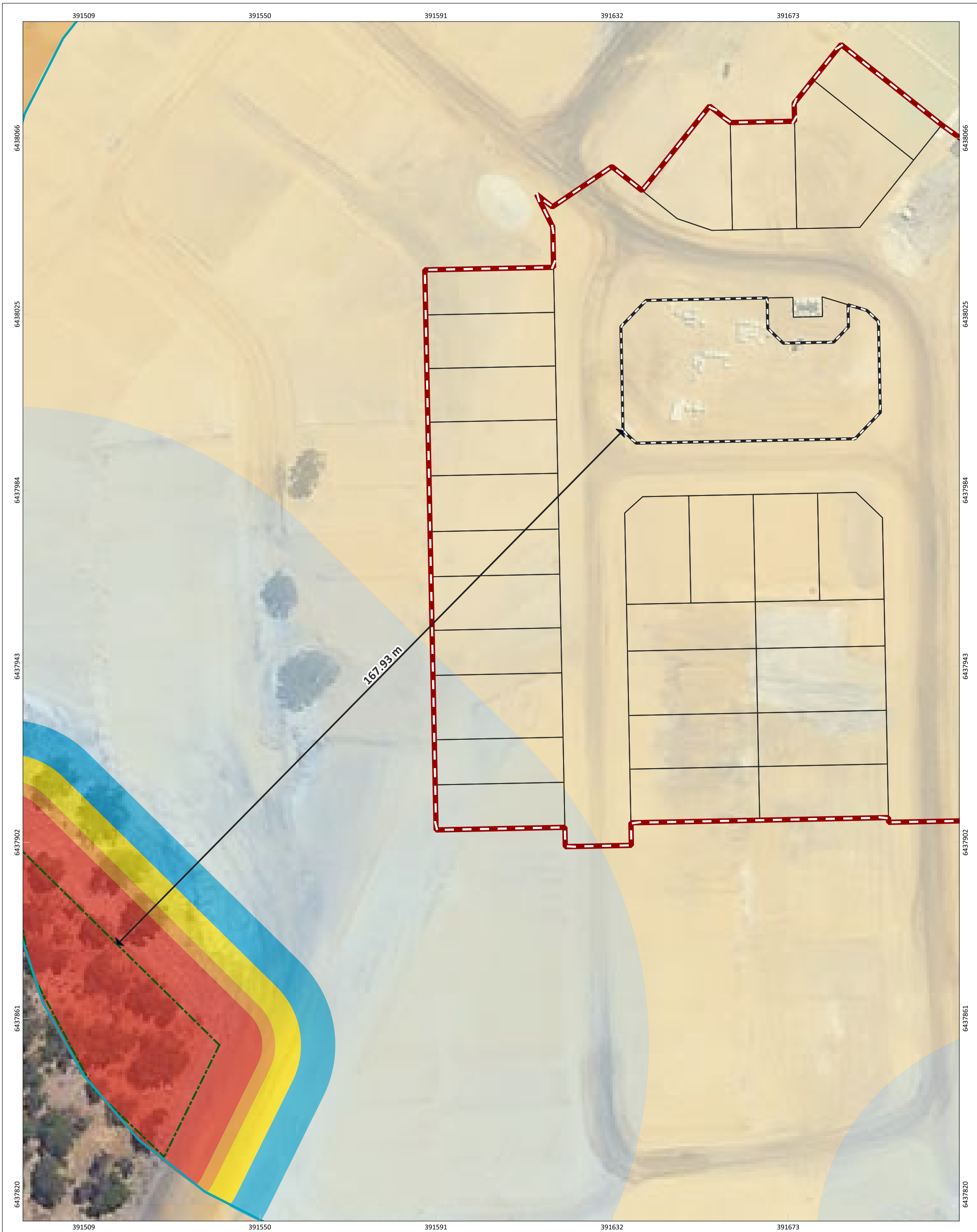


Figure: Bushfire Attack level (BAL) Contours - Lot 8007

	PROJECT/REPORT NAME Bushfire Consulting Stage 14 Apsley Estate, Mandogalup		Legend Subject Site Buffer 100m Buffer 150m Lot Location Distance to bushfire hazard interface Lots BAL-40	Bushfire Attack Level (BAL) BAL-40 BAL-29 BAL-19 BAL-12.5 BAL-LOW		<table border="1"> <thead> <tr> <th>No</th> <th>Description</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Original issue</td> <td>MD</td> <td>DP</td> <td>29/9/2023</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Description	Drawn	Approved	Date	A	Original issue	MD	DP	29/9/2023															
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A	Original issue	MD	DP	29/9/2023																											
SCALE 1:821	SHEET SIZE A3 COLOUR	CLIENT QUBE	VERSION 0	NOTES: Cadastral boundary (LGATE-002).	<p>Western Environmental Pty Ltd 08 6244 2310 enquiries@western.com.au Level 3/25 Prowse St, West Perth WA 6005 western.com.au</p>																										
COORDINATE REFERENCE SYSTEM GDA2020 / MGA zone 50	PROJECT NUMBER A23.122	DRAWN BY / REVIEWED BY MD/DP	DATE 29/9/2023	DATA SOURCE LANDGATE AERIAL IMAGERY Summer 2023																											