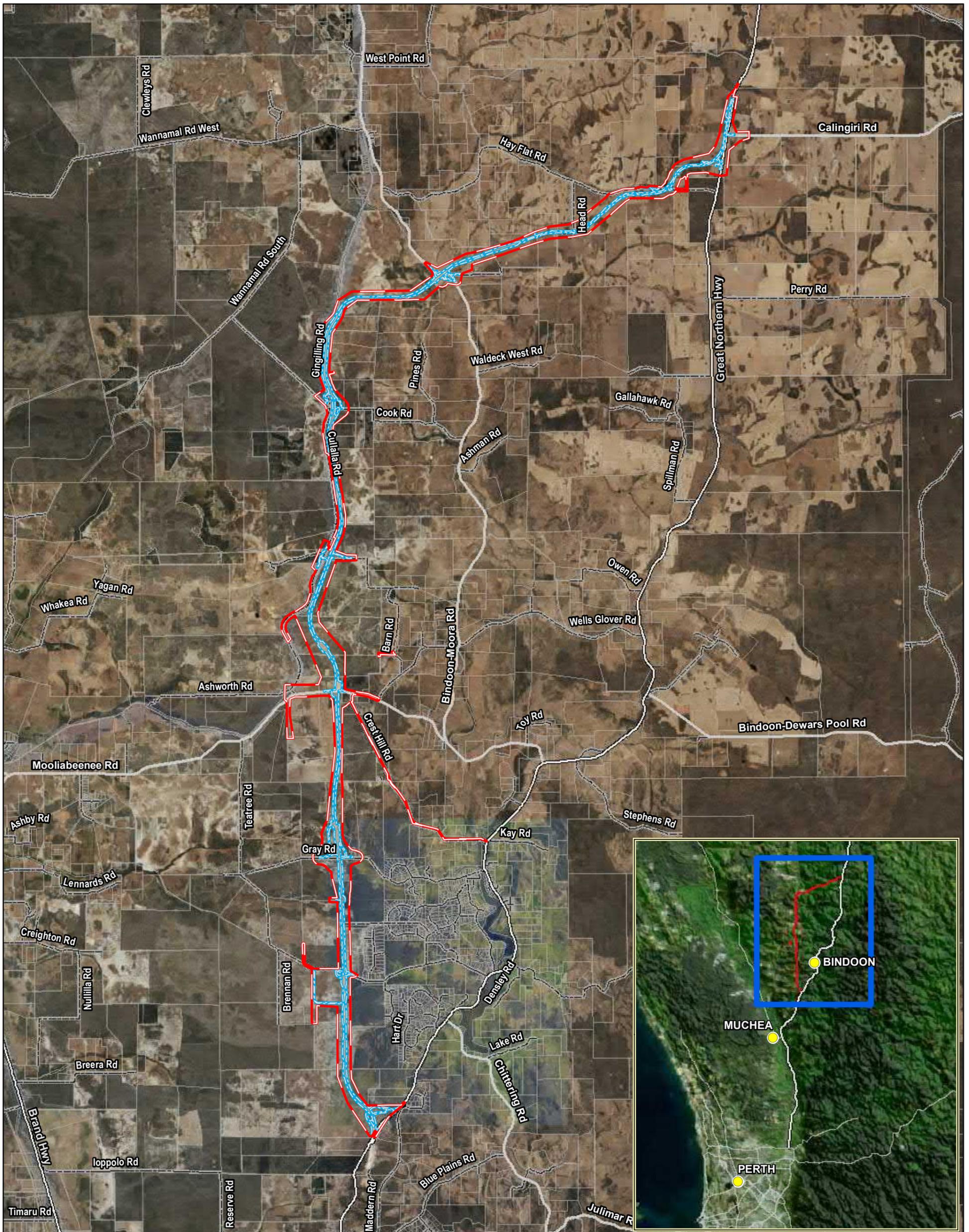




Figures



Legend

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

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Scale at A3
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Metres

Coordinate System: GDA 1994 MGA Zone 50

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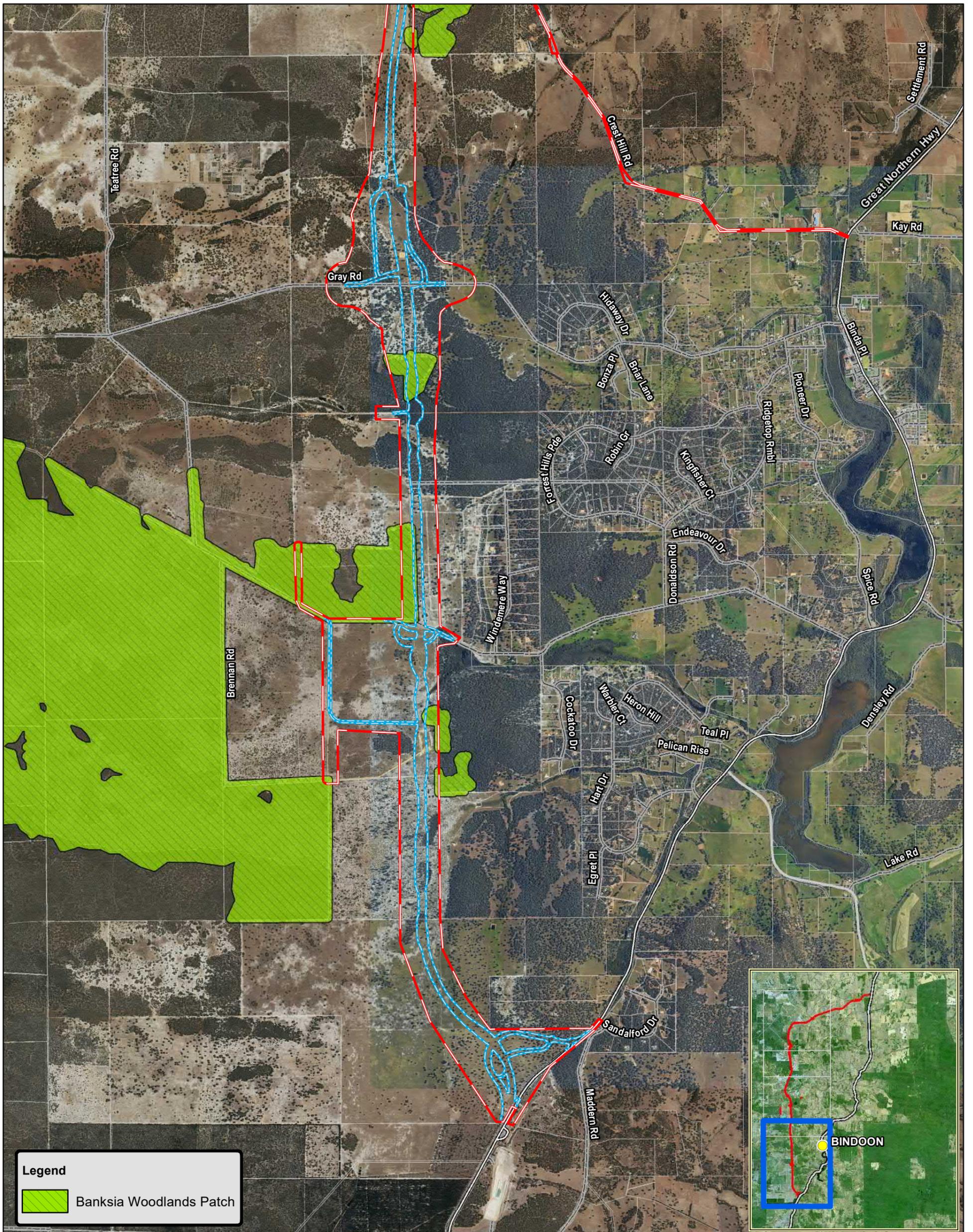
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**Great Northern Highway
Bindoon Bypass South
Environmental Review Document**

Figure: 1 - Proposal Location

Drawing No GNH-CN12-EA-PER-00001 F1-1	Issue 1		
Task EDR	Drawing Status / Other Draft		
Date 30/05/2019	By BG	Chkd LB	Appd TJ

MXD Location: \\auy001\app023\ArcGIS\Server\WA_P850732_GNH\ERD\Figures\GNH-CN12-EA\PER-0001-F1-1.mxd



Legend

Banksia Woodlands Patch

Legend

Development Envelope

Development Footprint

Cadastral Boundary

Highway

Major Road

Minor Road

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Environmental Review Document**

Figure 2: Banksia Woodlands of the Swan Coastal Plain TEC (Source: FVC 2018a)

Page 1 of 3

Drawing No: GNH-CN12-EA-PER-0001
4-8

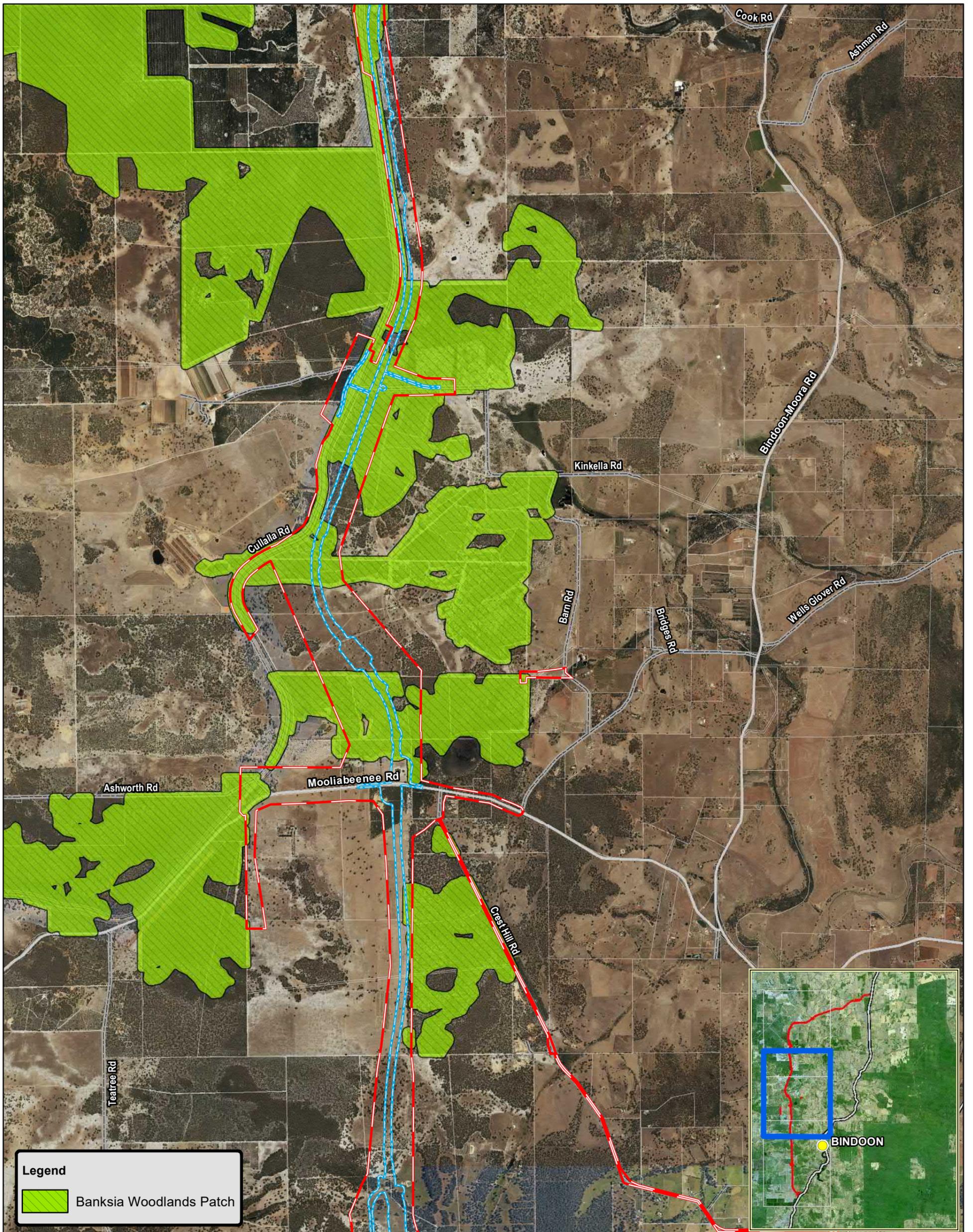
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Date	By	Chkd	Appd
13/03/2020	BG	LB	TJ

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Legend

Banksia Woodlands Patch

Legend

	Development Envelope		Cadastral Boundary		Major Road
	Development Footprint		Highway		Minor Road

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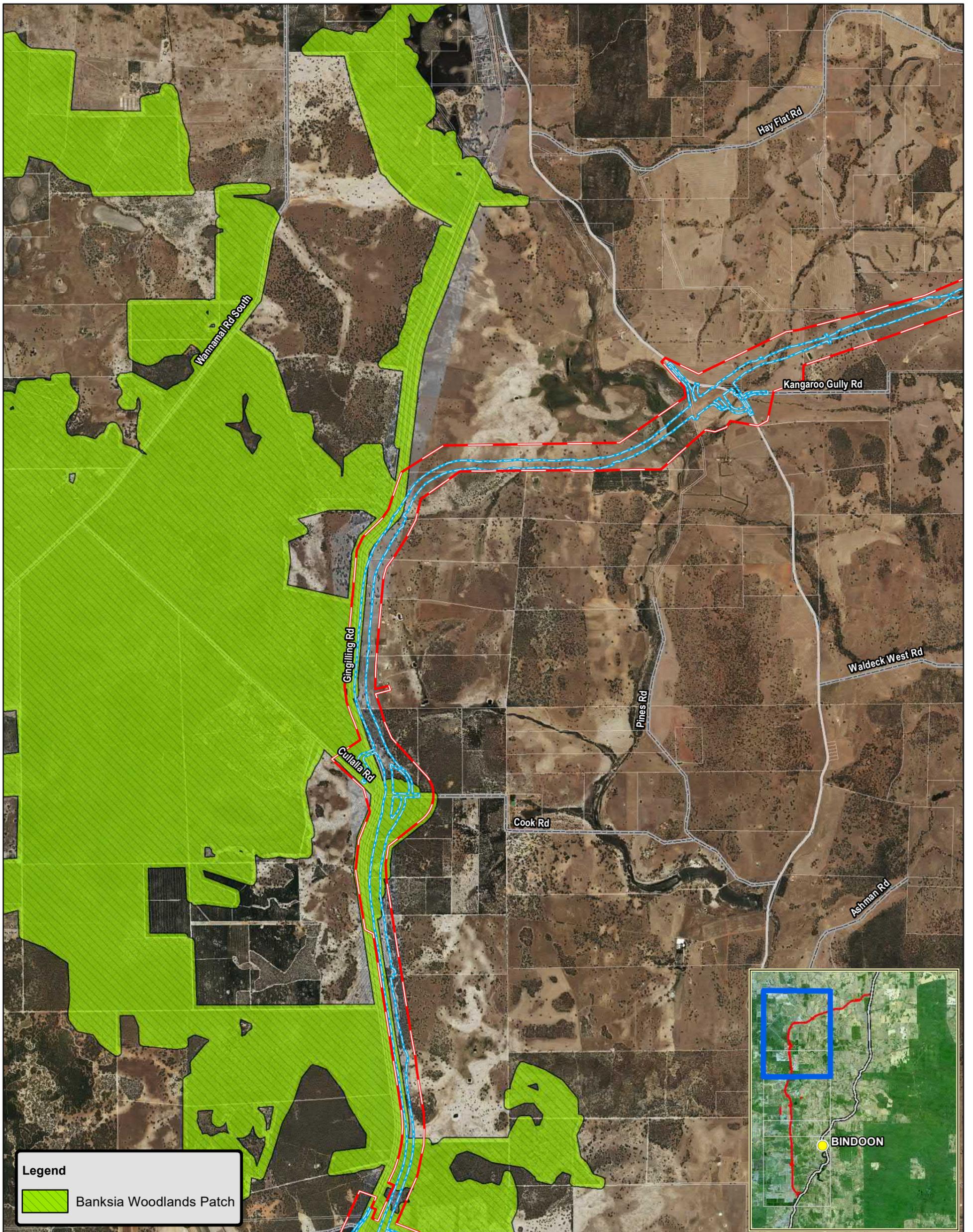
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**Great Northern Highway
Bindoon Bypass
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Figure 2: Banksia Woodlands of the Swan Coastal Plain TEC (Source: FVC 2018a) Page 2 of 3

Drawing No GNH-CN12-EA-PER-0001 4-8	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 13/03/2020	By BG	Chkd LB	Appd TJ

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Legend

Banksia Woodlands Patch

Legend

Development Envelope

Development Footprint

Cadastral Boundary

Major Road

Minor Road

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Project: **Environmental Review Document**

Figure 2: Banksia Woodlands of the Swan Coastal Plain TEC (Source: FVC 2018a)

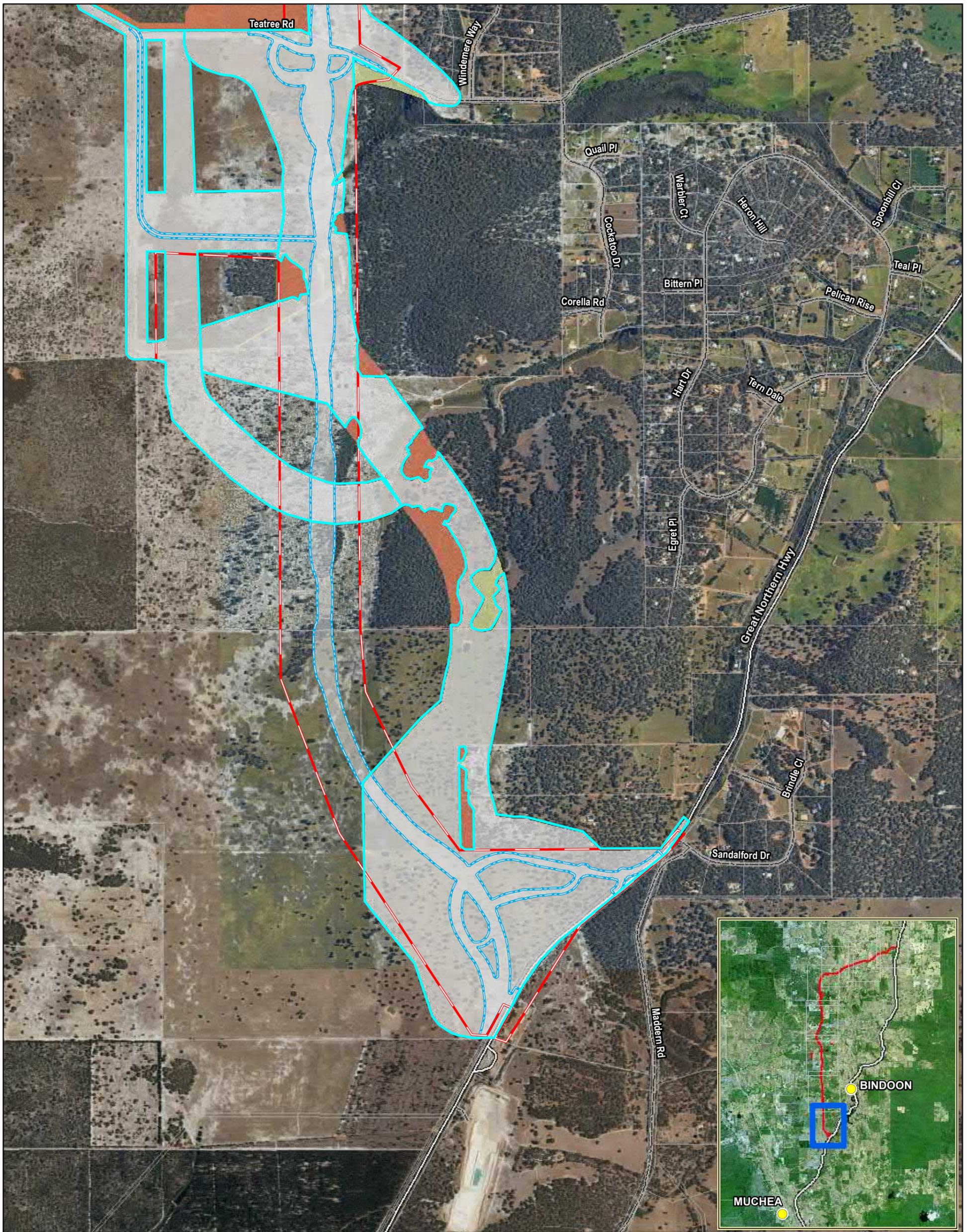
Page 3 of 3

Drawing No: **GNH-CN12-EA-PER-0001** Issue: **1**
4-8

Task No: **ERD** Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
13/03/2020	BG	LB	TJ

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Legend

- Development Envelope
 - Development Footprint
 - Highway
 - Major Road
 - Minor Road
 - Cadastral Boundary
- Dieback Assessment Mapping (Terratree)**
- Uninfested
 - Not Assessed
 - Uninterpretable

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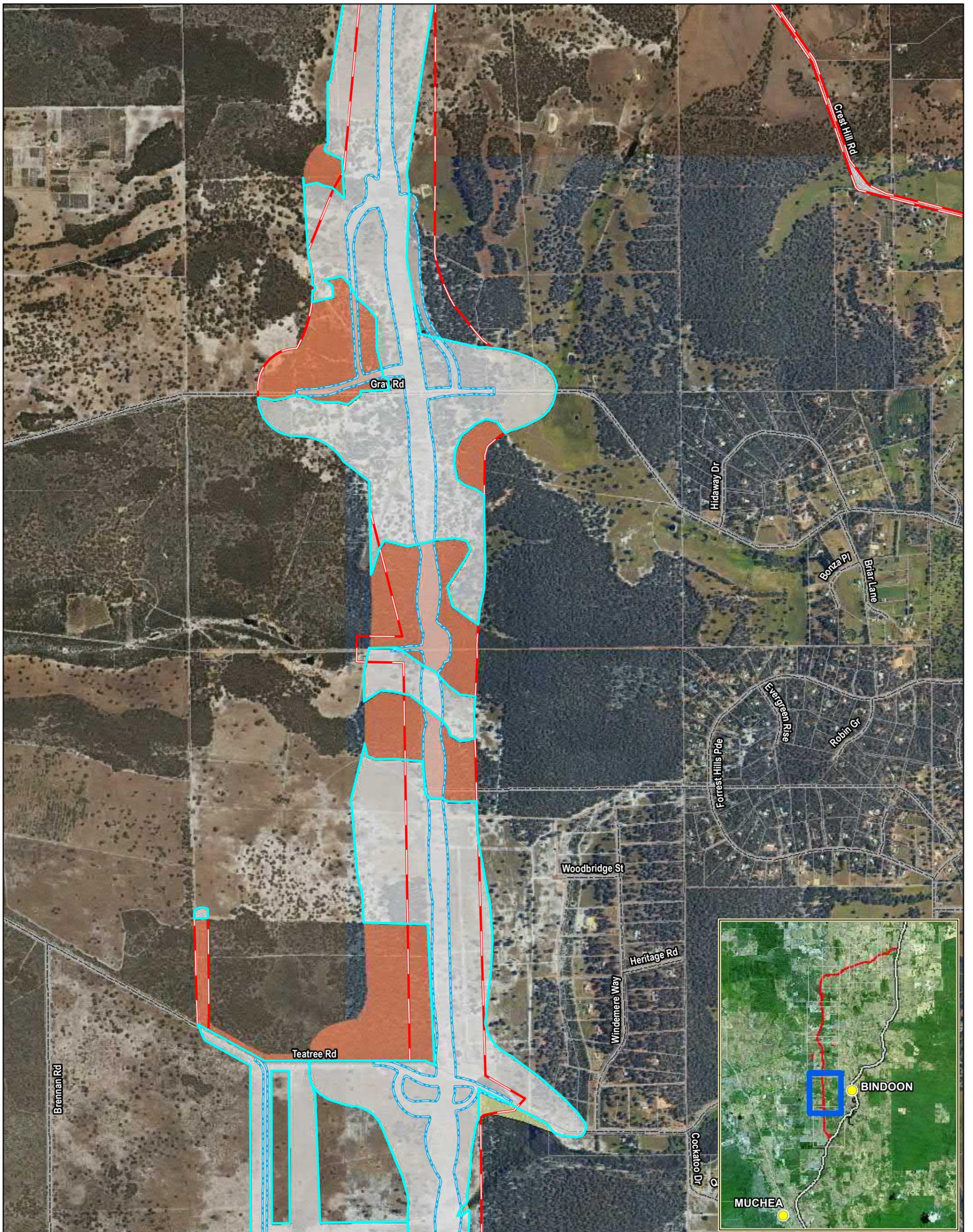
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Figure 3: Dieback Mapping
 (Source: Terratree 2018)

Page 1 of 8

Drawing No GNH-CN12-EA-PER-00001 - F4-10		Issue 1	
Task No ERD	Drawing Status / Other Draft		
Date 22/08/2019	By BG	Chkd LB	Appd TJ

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Legend

- Development Envelope
- Development Footprint
- Minor Road
- Cadastral Boundary
- Dieback Assessment Mapping (Terratree)**
- Uninfested
- Uninterpretable
- Not Assessed

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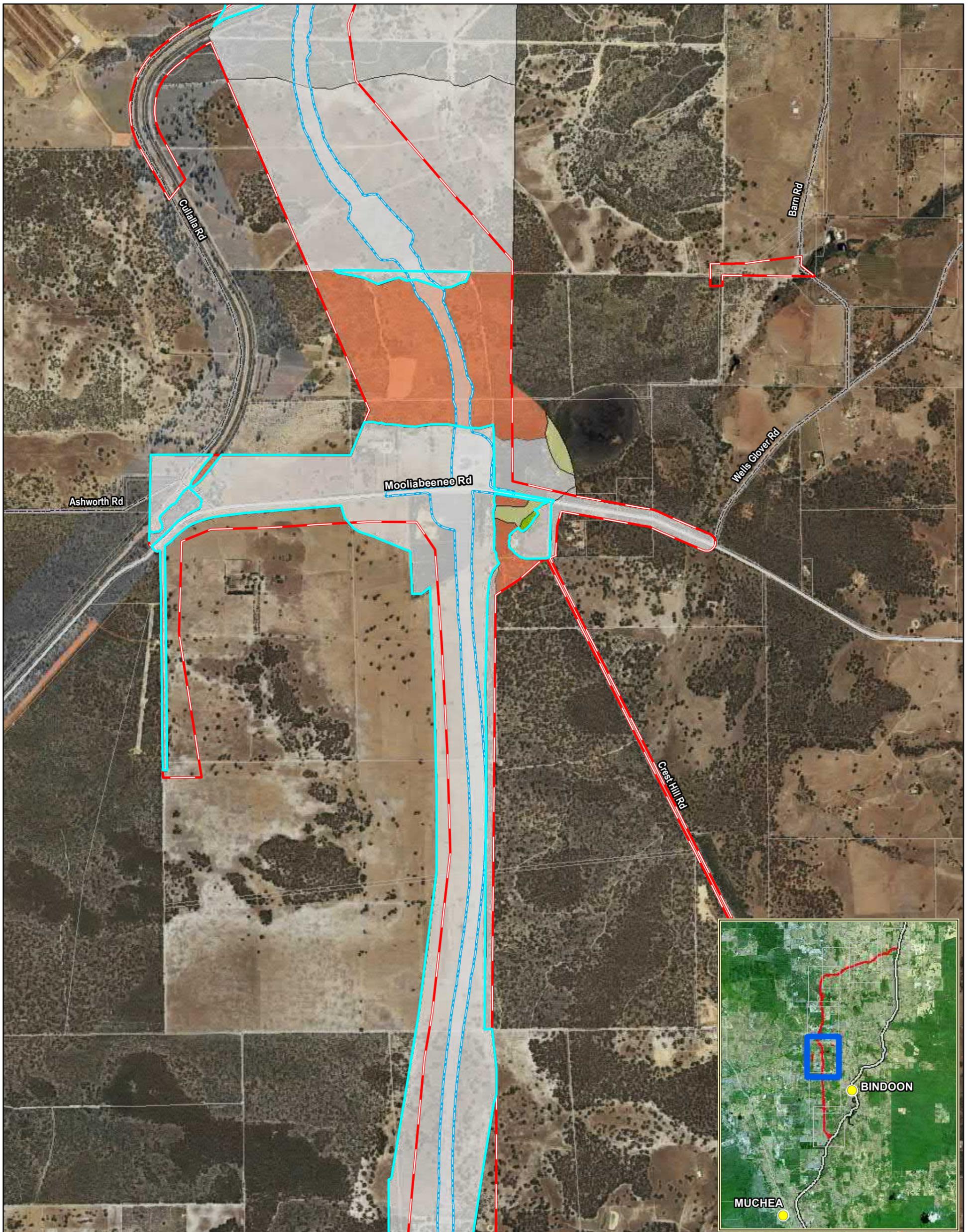
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Figure 3: Dieback Mapping
(Source: Terratree 2018)

Page 2 of 8

Drawing No GNH-CN12-EA-PER-00001 - F4-10		Issue 1	
Task No ERD	Drawing Status / Other Draft		
Date 22/08/2019	By BG	Chkd LB	Appd TJ



Legend

- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary
-
- Dieback Assessment Mapping (Terratree)**
- Infested
 - Uninfested
 - Uninterpretable
 - Not Assessed

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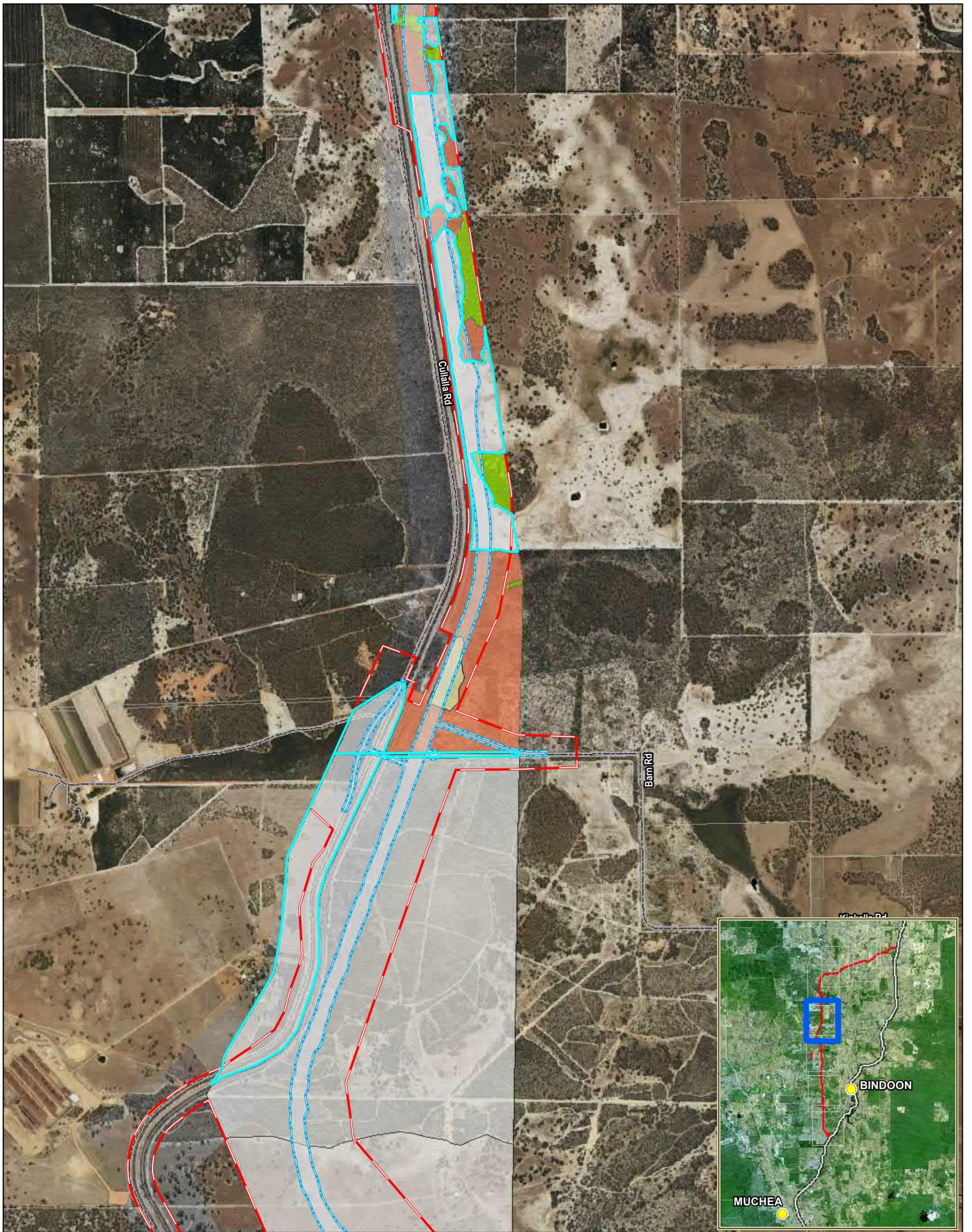
Great Northern Highway Bindoon Bypass Environmental Review Document

Figure 3: Dieback Mapping (Source: Terratree 2018)

Page 3 of 8

Drawing No GNH-CN12-EA-PER-00001 - F4-10	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 22/08/2019	By BG	Chkd LB	Appd TJ

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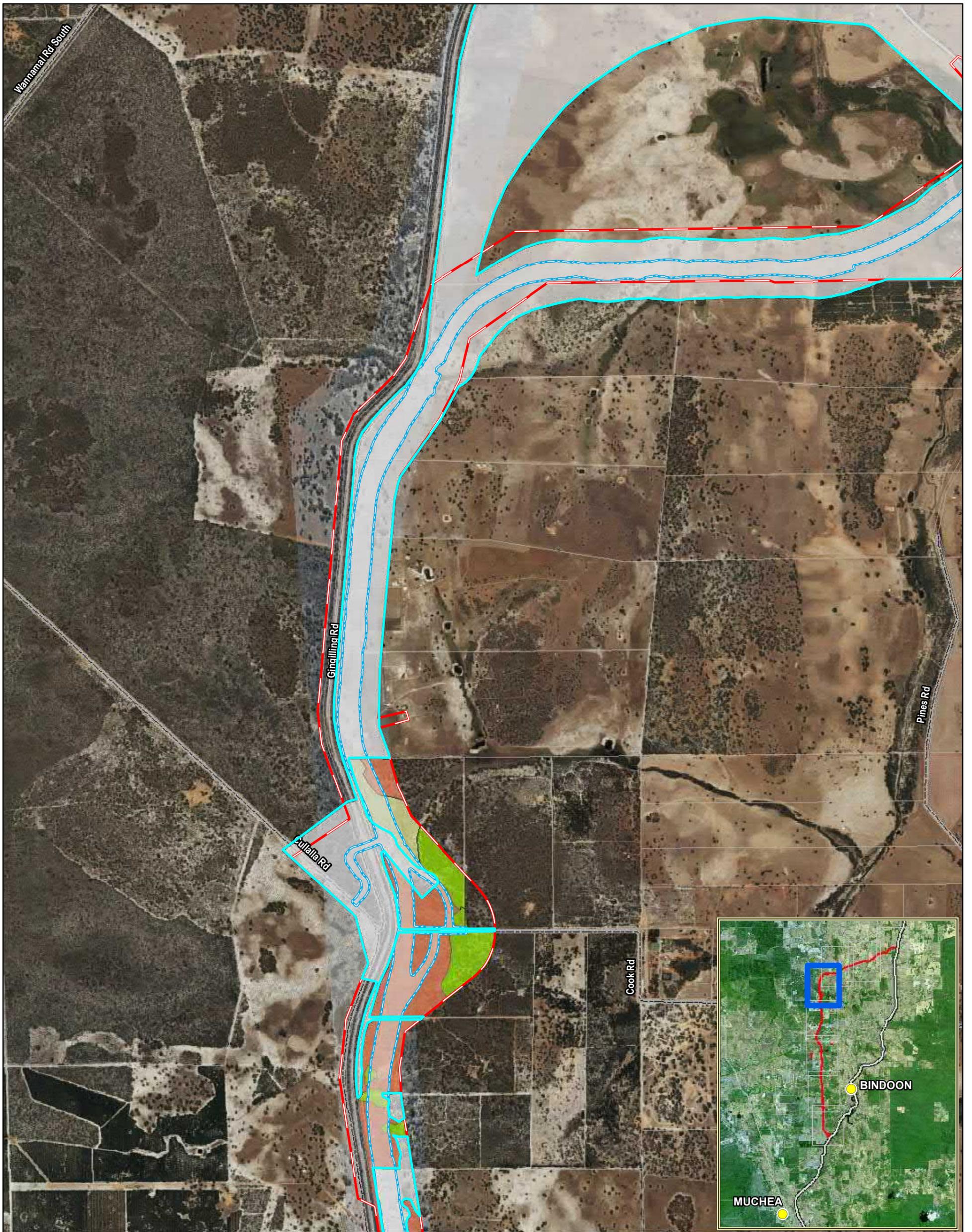
- Development Envelope
- Development Footprint
- Minor Road
- Cadastral Boundary
- Dieback Assessment Mapping (Terratree)**
- Infested
- Uninfested
- Uninterpretable
- Not Assessed

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Figure 3: Dieback Mapping
 (Source: Terratree 2018)
 Page 4 of 8
 Drawing No: **GNH-CN12-EA-PER-00001 - F4-10** Issue: **1**
 Task No: **ERD** Drawing Status / Other: **Draft**
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Legend

- | | | |
|-----------------------|---|-----------------|
| Development Envelope | Dieback Assessment Mapping (Terratree) | Uninterpretable |
| Development Footprint | Infested | Not Assessed |
| Major Road | Uninfested | |
| Minor Road | | |
| Cadastral Boundary | | |

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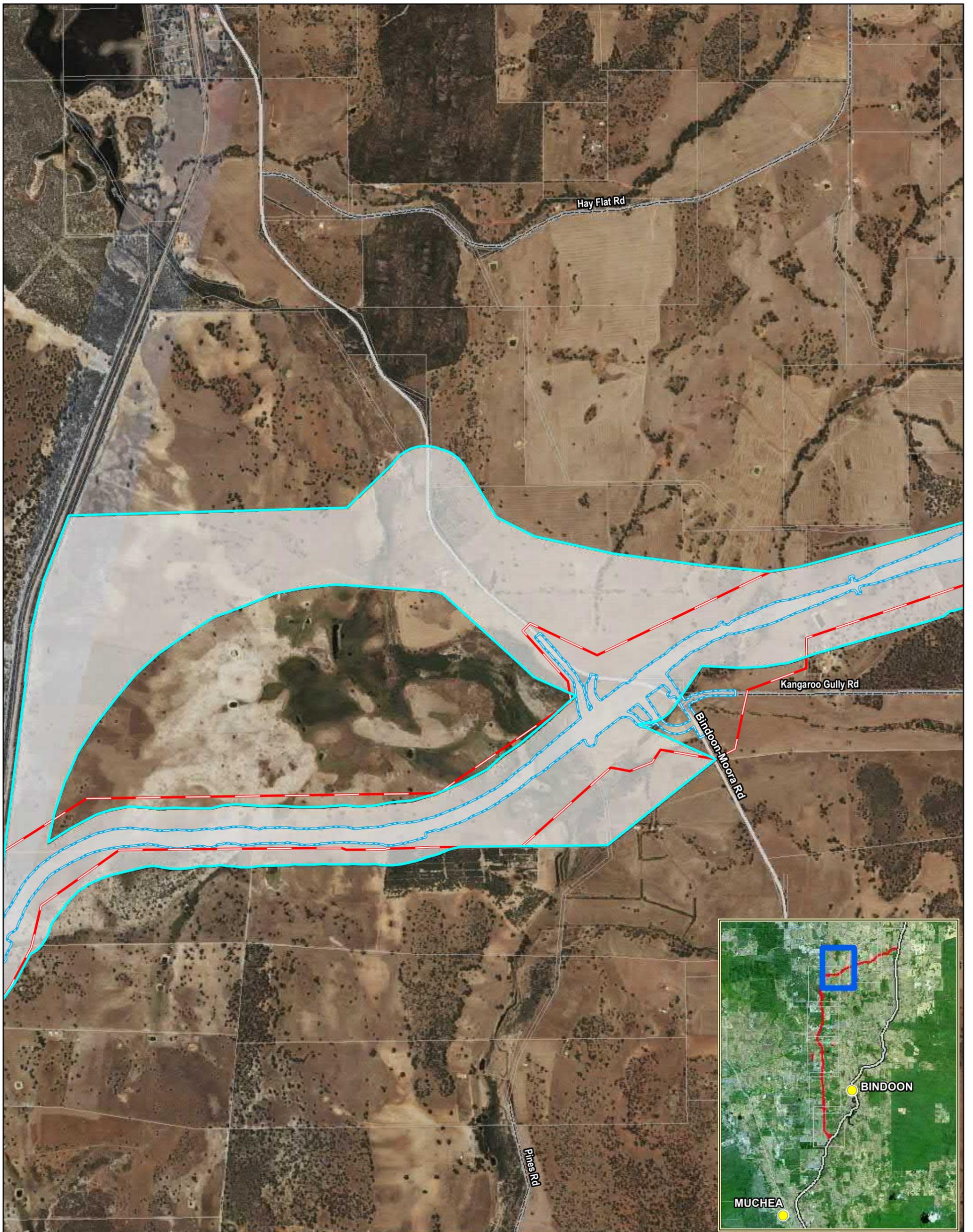
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Figure 3: Dieback Mapping (Source: Terratree 2018)

Page 5 of 8

Drawing No GNH-CN12-EA-PER-00001 - F4-10	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 22/08/2019	By BG	Chkd LB	Appd TJ

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- Legend**
- Development Envelope
 - Dieback Assessment Mapping (Terratree)
 - Not Assessed
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary

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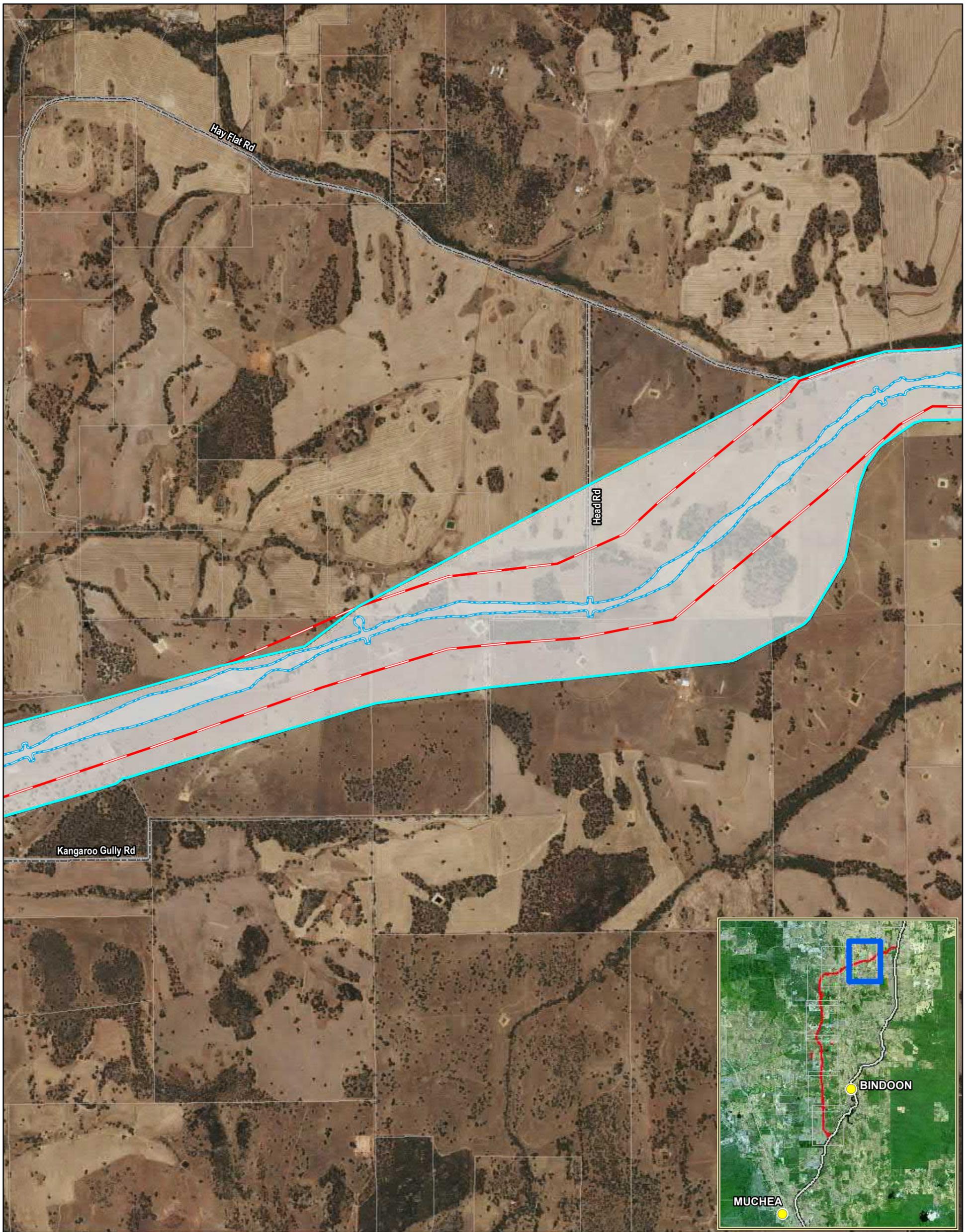
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Figure 3: Dieback Mapping
 (Source: Terratree 2018)

Page 6 of 8

Drawing No GNH-CN12-EA-PER-00001 - F4-10	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 22/08/2019	By BG	Chkd LB	Appd TJ

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Legend

- Development Envelope
- Development Footprint
- Minor Road
- Cadastral Boundary
- Dieback Assessment Mapping (Terratree)
- Not Assessed

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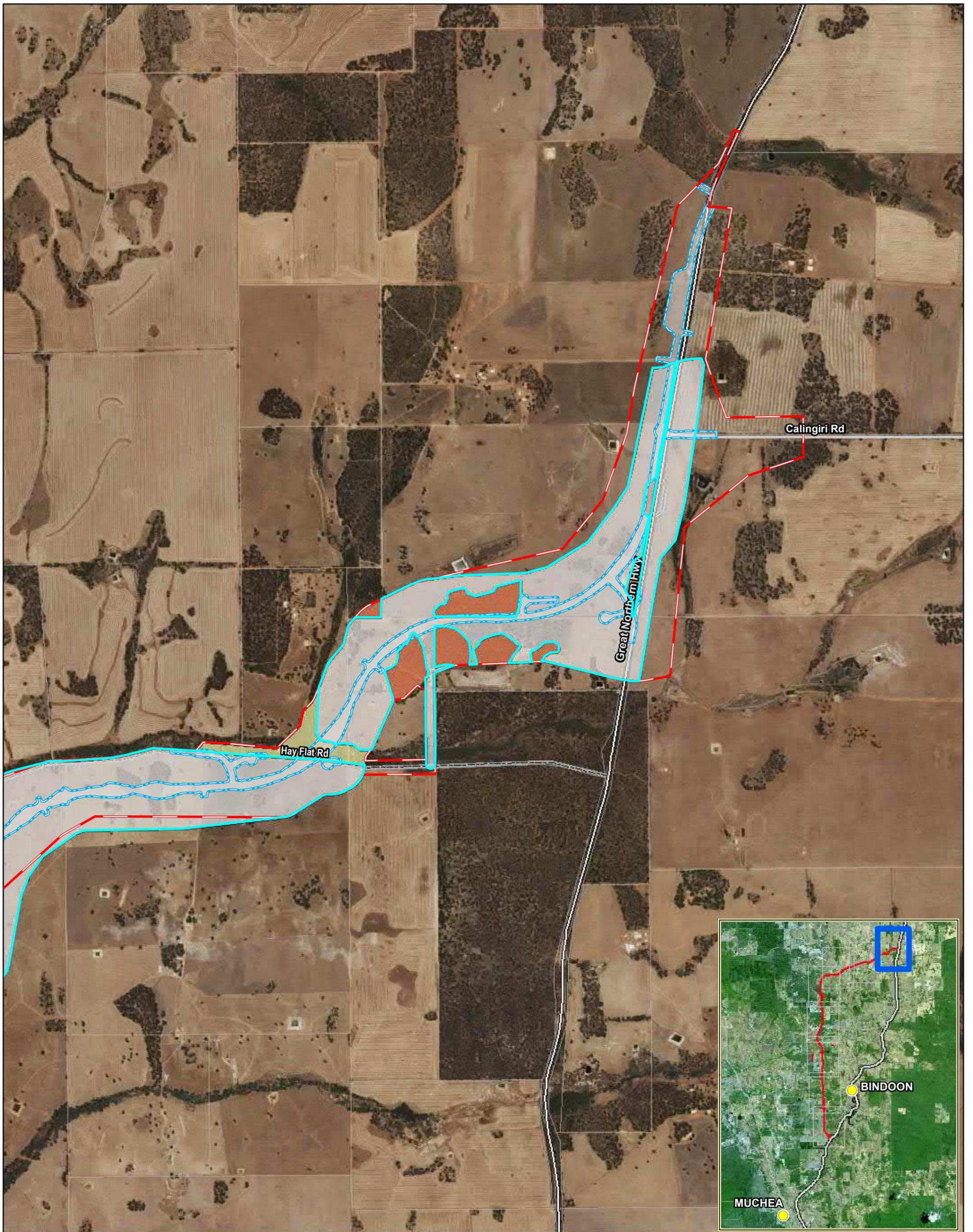
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Environmental Review Document**

Figure 3: Dieback Mapping
 (Source: Terratree 2018)
 Page 7 of 8
 Drawing No: **GNH-CN12-EA-PER-00001**
 - F4-10
 Issue: **1**
 Task No: **ERD**
 Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
22/08/2019	BG	LB	TJ

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Legend

- Development Envelope
 - Development Footprint
 - Highway
 - Major Road
 - Minor Road
 - Cadastral Boundary
- Dieback Assessment Mapping (Terratree)**
- Uninfested
 - Uninterpretable
 - Not Assessed

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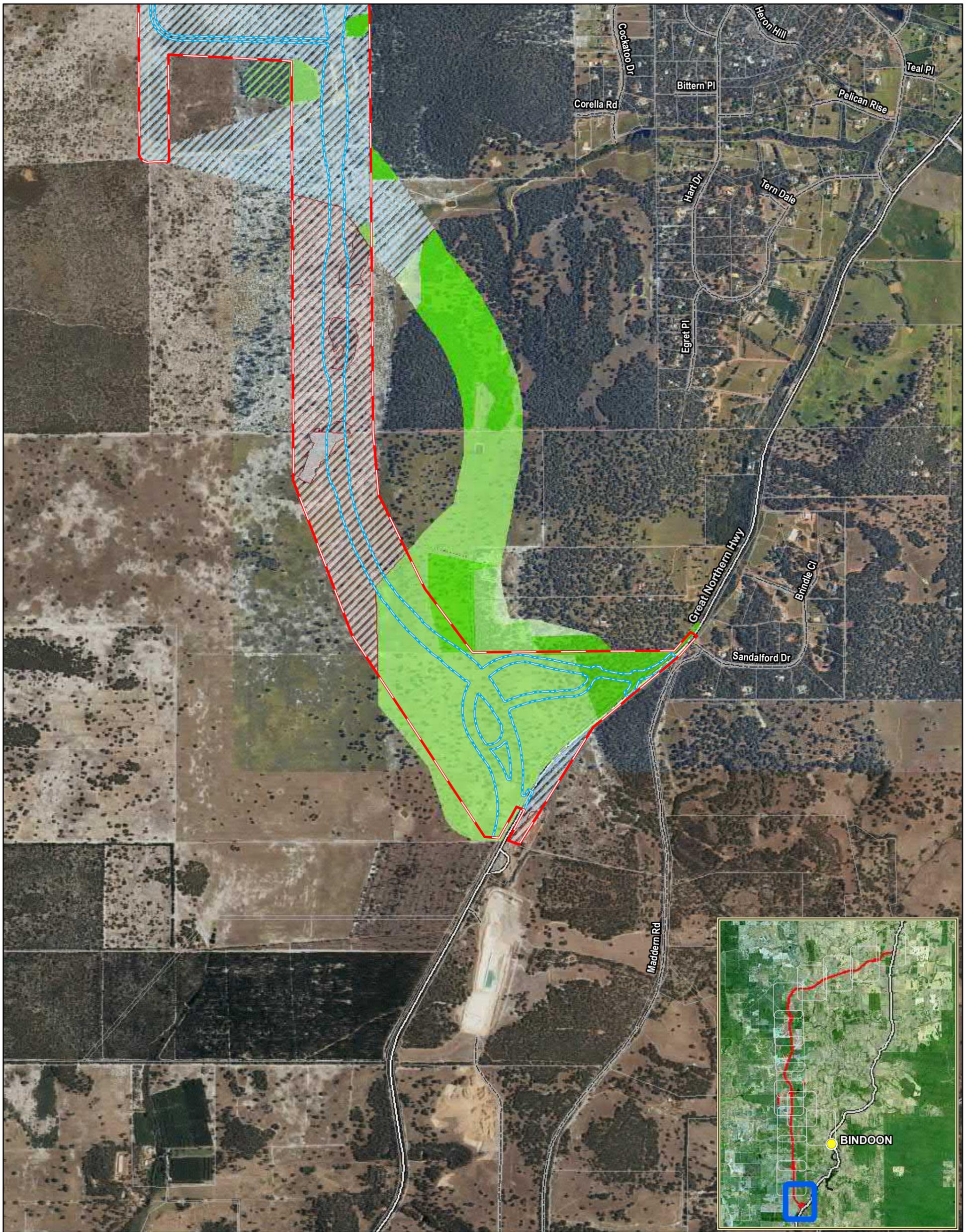
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Figure 3: Dieback Mapping
(Source: Terratree 2018)

Page 8 of 8

Drawing No GNH-CN12-EA-PER-00001 - F4-10	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 22/08/2019	By BG	Chkd LB	Appd TJ

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Legend

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

CBC Habitat (FVC)

Foraging Vales

- 0 - Nil
- 0 - Nil (Extrapolated)
- 1 - Negligible
- 1 - Negligible (Extrapolated)

- 2 - Low
- 3 - Low-Moderate
- 3 - Low-Moderate (Extrapolated)
- 4 - Moderate
- 5 - Moderate - High



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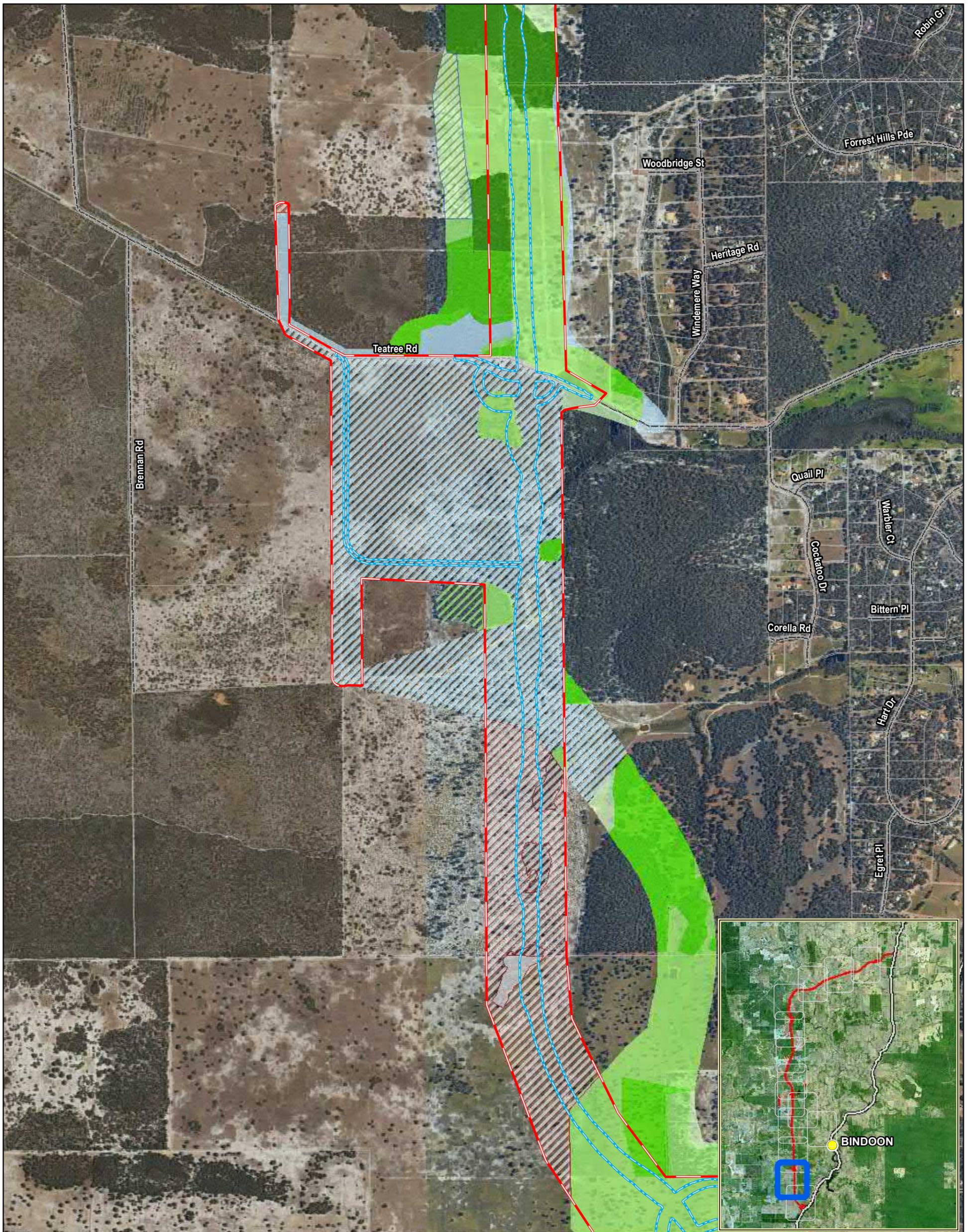
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Great Northern Highway Bindoon Bypass
 Environmental Review Document

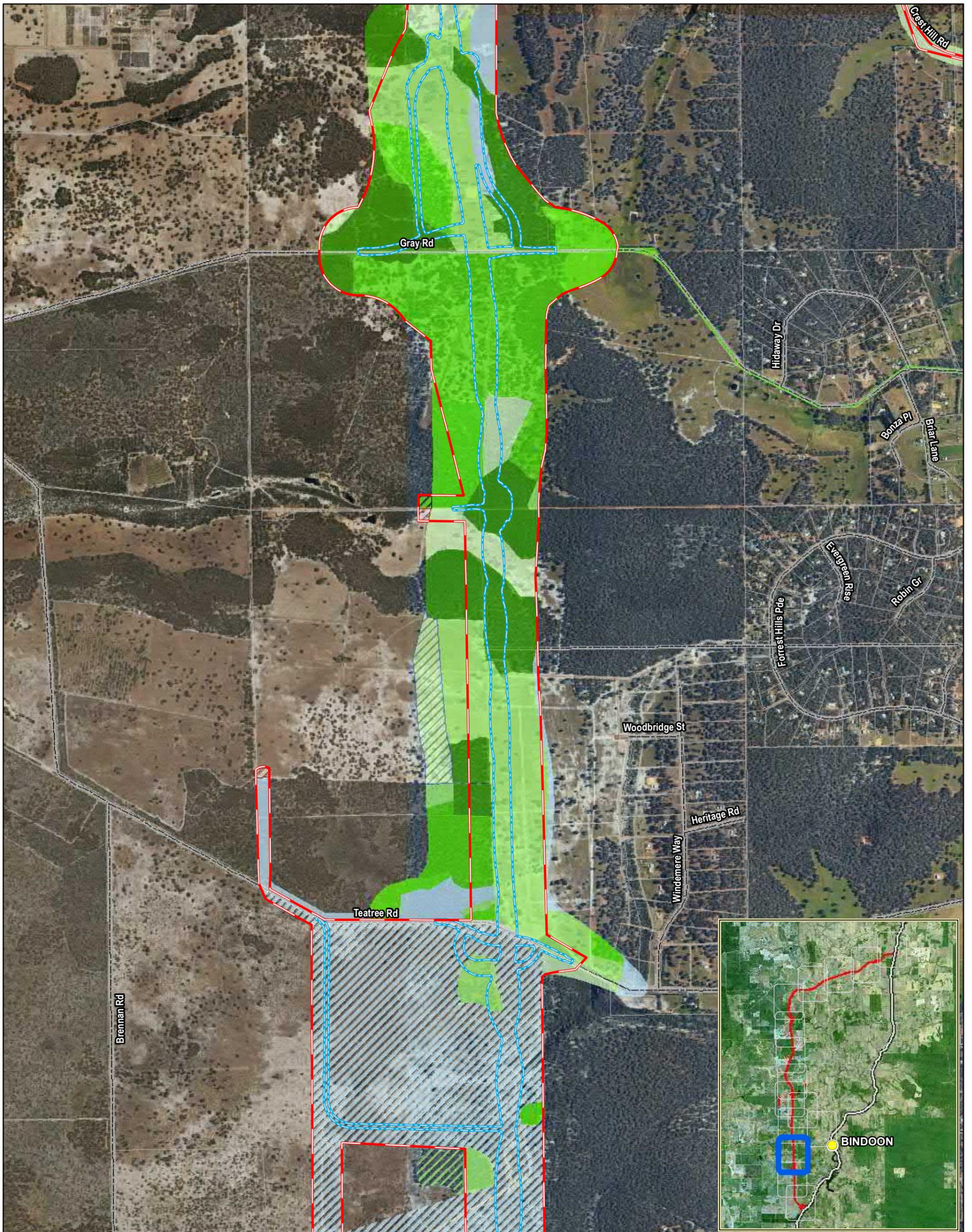
Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
 Page 1 of 15

Drawing No GNH-CN12-EA-PER-00001 - F4-14	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 13/08/2019	By BG	Chkd LB	Appd TJ



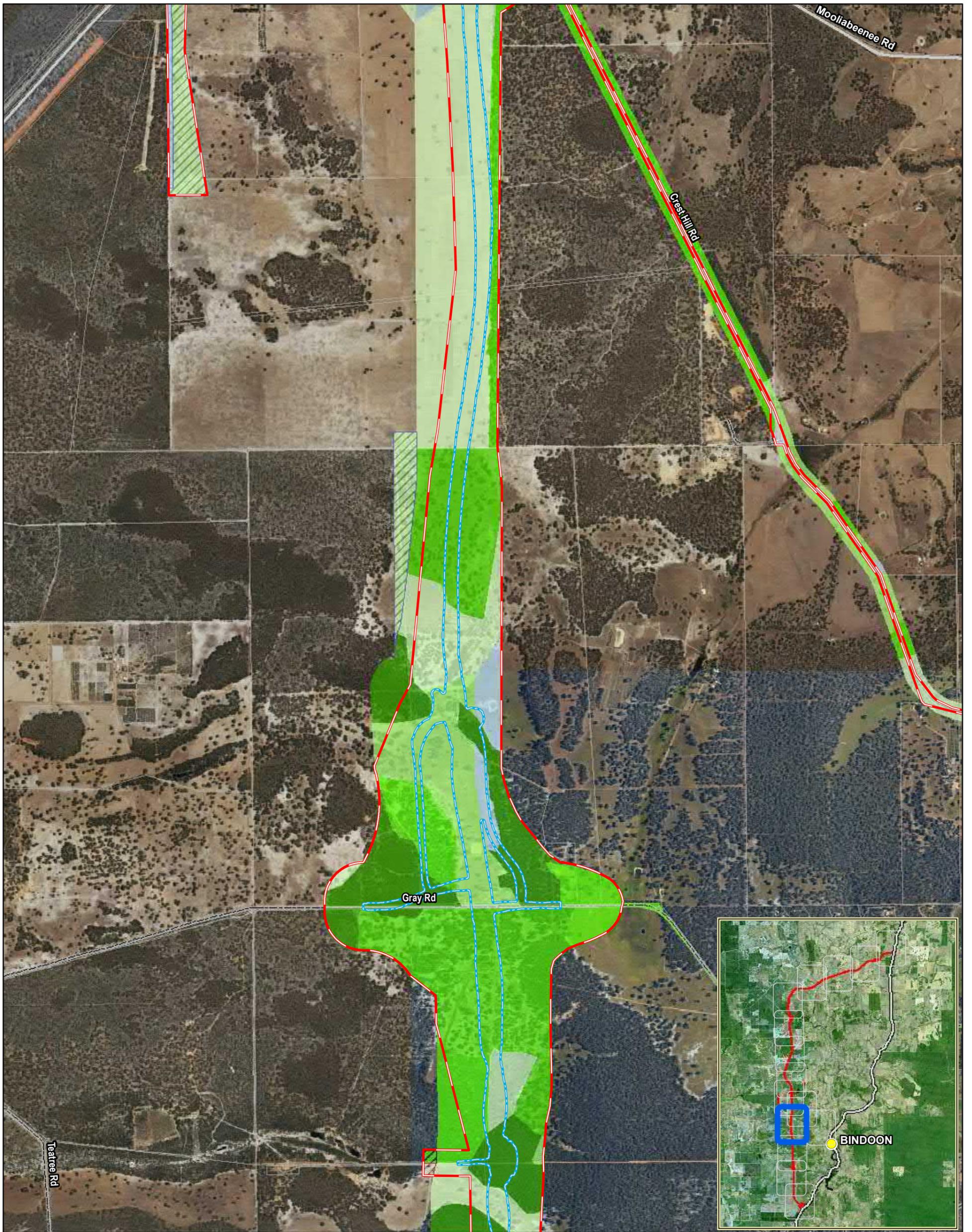
Legend Development Envelope Development Footprint Highway Minor Road Cadastral Boundary		CBC Habitat (FVC) Foraging Vales 0 - Nil 0 - Nil (Extrapolated) 1 - Negligible 1 - Negligible (Extrapolated) 2 - Low 2 - Low (Extrapolated) 3 - Low-Moderate 3 - Low-Moderate (Extrapolated) 4 - Moderate 5 - Moderate - High 6 - High	 Joint Venture Partners: Anup Pty Ltd Level 14 Exchange Tower 2 The Esplanade Perth WA 6000 Tel +61 8 9327 8300 Fax +61 8 9481 1334 www.anup.com Jacobs Group (Australia) Pty Ltd Durack Centre, 263 Adelaide Terrace, Perth WA 6000 Tel +61 8 9469 4400 Fax +61 8 9469 4488 www.jacobs.com © Main Roads Western Australia	 Main Roads Western Australia Client Project Great Northern Highway Bindoon Bypass Environmental Review Document	Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value Page 2 of 15 Drawing No GNH-CN12-EA-PER-00001 - F4-14 Issue 1 Task No ERD Drawing Status / Other Draft <table border="1"> <tr> <td>Date</td> <td>By</td> <td>Chkd</td> <td>Appd</td> </tr> <tr> <td>13/08/2019</td> <td>BG</td> <td>LB</td> <td>TJ</td> </tr> </table>	Date	By	Chkd	Appd	13/08/2019	BG	LB	TJ
Date	By	Chkd	Appd										
13/08/2019	BG	LB	TJ										

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Legend Development Envelope Development Footprint Minor Road Cadastral Boundary		CBC Habitat (FVC) Foraging Values 0 - Nil 0 - Nil (Extrapolated) 1 - Negligible 1 - Negligible (Extrapolated) 2 - Low 2 - Low (Extrapolated) 3 - Low-Moderate 3 - Low-Moderate (Extrapolated) 4 - Moderate 4 - Moderate (Extrapolated) 5 - Moderate - High 6 - High	Joint Venture Partners: Anup Pty Ltd Level 14 Exchange Tower 2 The Esplanade Perth WA 6000 Tel +61 8 9327 8300 Fax +61 8 9481 1334 www.anup.com Jacobs Group (Australia) Pty Ltd Durack Centre, 263 Adelaide Terrace, Perth WA 6000 Tel +61 8 9469 4400 Fax +61 8 9469 4488 www.jacobs.com © Main Roads Western Australia	 Main Roads Western Australia Client Project Great Northern Highway Bindoon Bypass Environmental Review Document	Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value Page 3 of 15 Drawing No: GNH-CN12-EA-PER-00001 - F4-14 Issue: 1 Task No: ERD Drawing Status / Other: Draft <table border="1"> <tr> <td>Date</td> <td>By</td> <td>Chkd</td> <td>Appd</td> </tr> <tr> <td>13/08/2019</td> <td>BG</td> <td>LB</td> <td>TJ</td> </tr> </table>	Date	By	Chkd	Appd	13/08/2019	BG	LB	TJ
Date	By	Chkd	Appd										
13/08/2019	BG	LB	TJ										

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Legend

- | | | |
|-----------------------|--------------------------|-----------------------------|
| Development Envelope | CBC Habitat (FVC) | 2 - Low (Extrapolated) |
| Development Footprint | Foraging Vales | 3 - Low-Moderate |
| Major Road | 0 - Nil | 4 - Moderate |
| Minor Road | 0 - Nil (Extrapolated) | 4 - Moderate (Extrapolated) |
| Cadastral Boundary | 1 - Negligible | 5 - Moderate - High |
| | 2 - Low | 6 - High |

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Coordinate System: GDA 1994 MGA Zone 50

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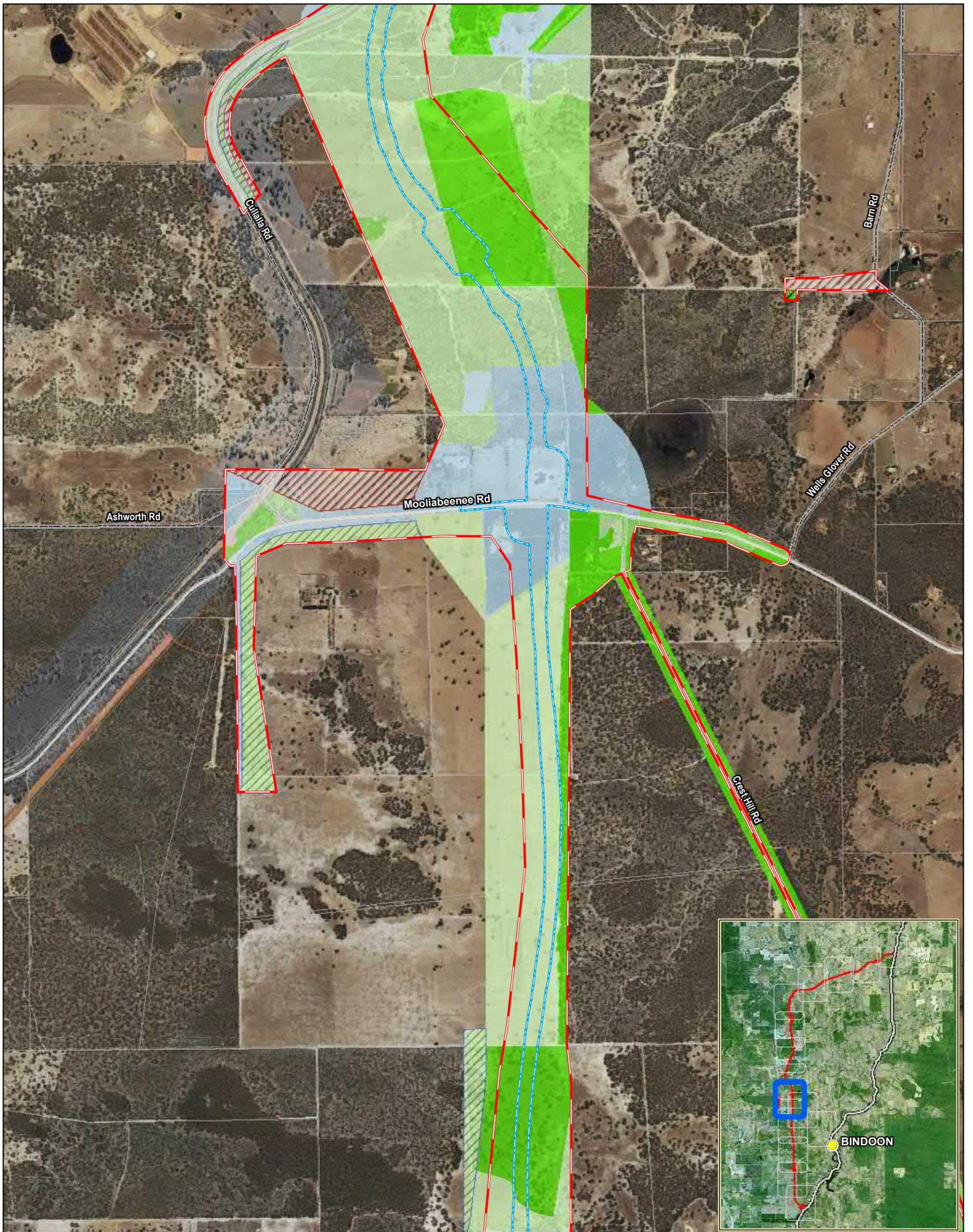
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Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
Page 4 of 15

Drawing No GNH-CN12-EA-PER-00001 - F4-14	Issue 1		
Task No ERD	Drawing Status / Other Draft		
Date 13/08/2019	By BG	Chkd LB	Appd TJ

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Legend

- | | | |
|-----------------------|--------------------------|-----------------------------|
| Development Envelope | CBC Habitat (FVC) | 2 - Low (Extrapolated) |
| Development Footprint | Foraging Vales | 3 - Low-Moderate |
| Major Road | 0 - Nil | 4 - Moderate |
| Minor Road | 0 - Nil (Extrapolated) | 4 - Moderate (Extrapolated) |
| Cadastral Boundary | 1 - Negligible | 5 - Moderate - High |
| | 2 - Low | 6 - High |

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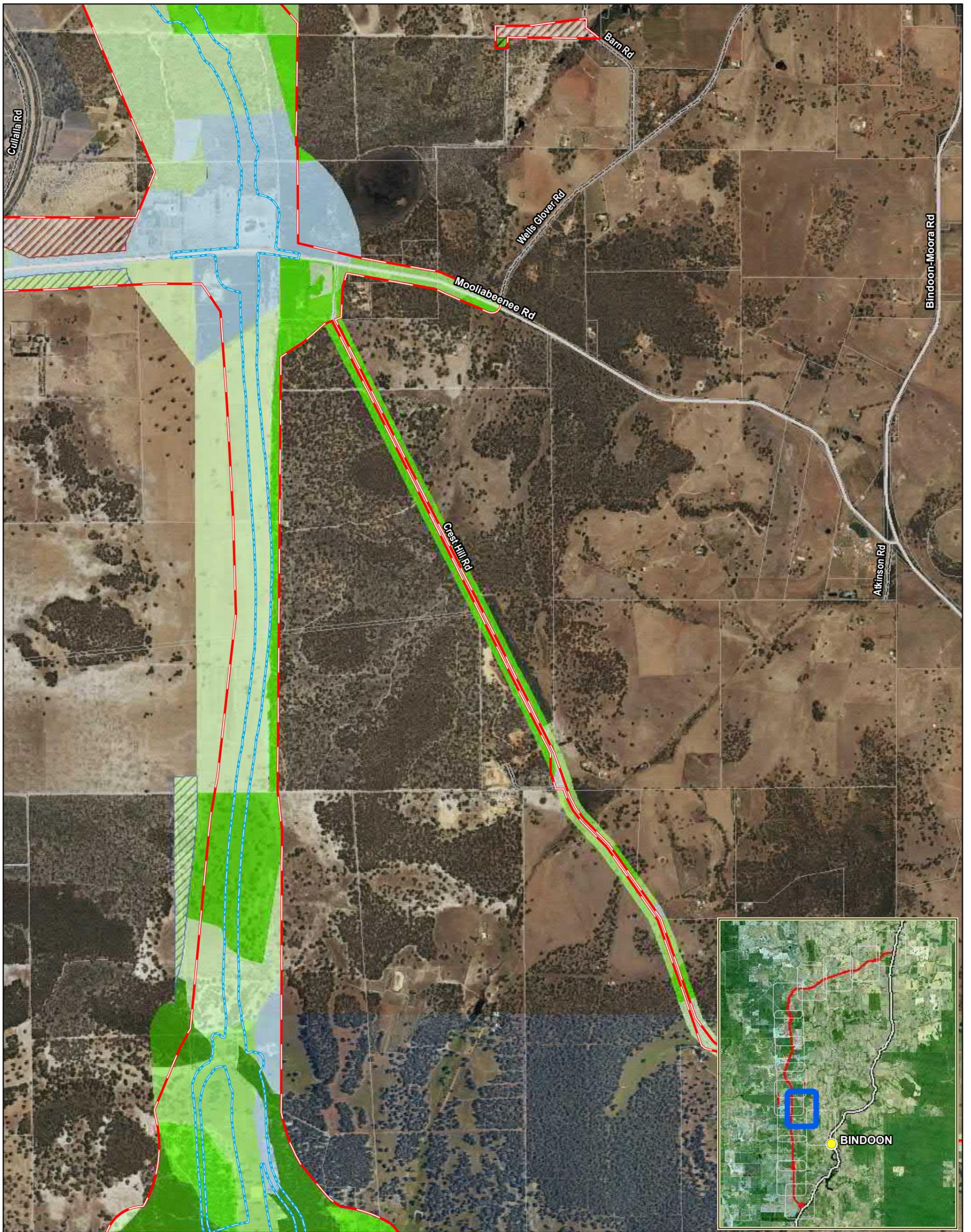
Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
Page 5 of 15

Drawing No: **GNH-CN12-EA-PER-00001 - F4-14** | Issue: **1**

Task No: **ERD** | Drawing Status / Other: **Draft**

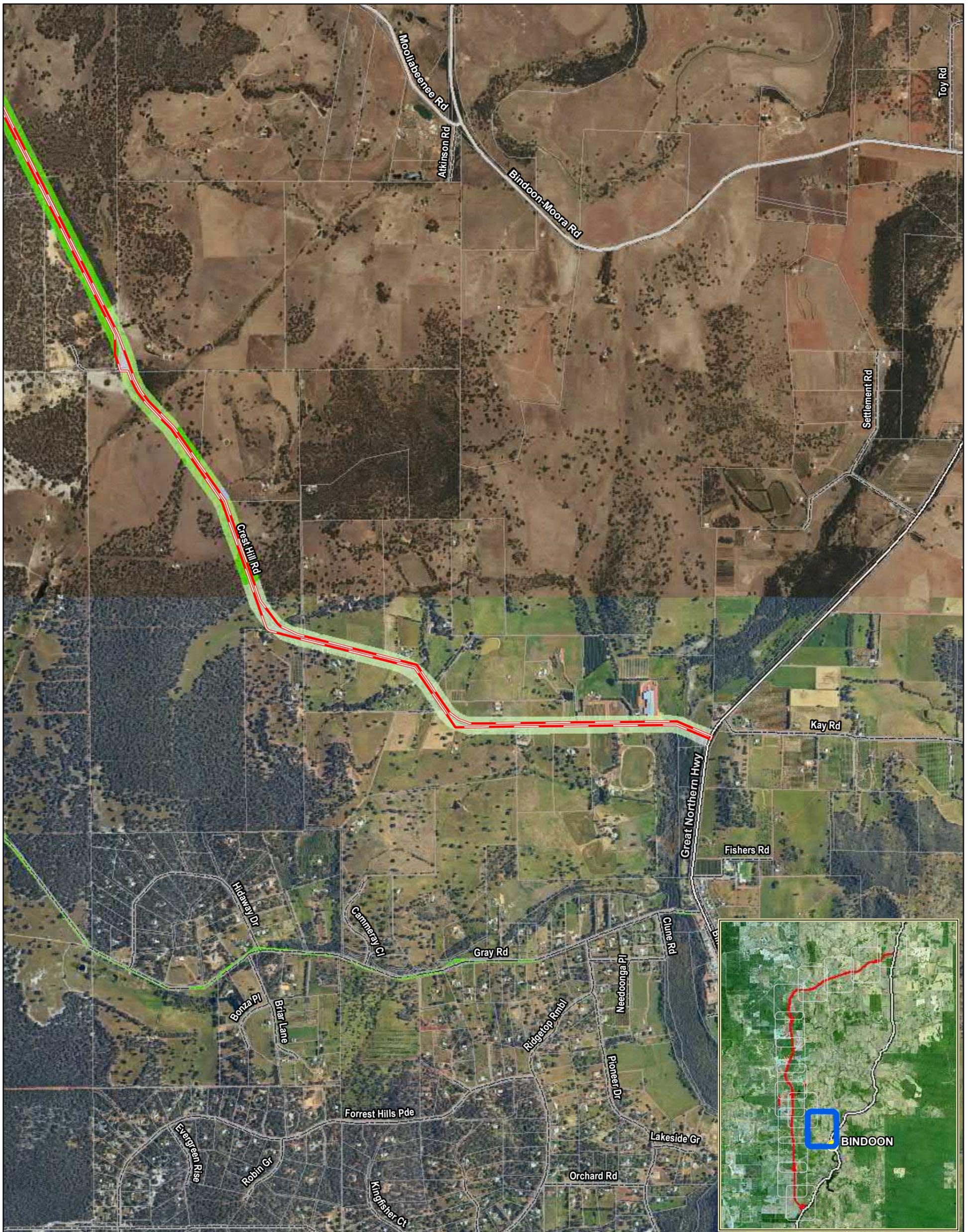
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Legend Development Envelope Development Footprint Major Road Minor Road Cadastral Boundary		CBC Habitat (FVC) Foraging Values 0 - Nil 0 - Nil (Extrapolated) 1 - Negligible 2 - Low 2 - Low (Extrapolated) 3 - Low-Moderate 4 - Moderate 4 - Moderate (Extrapolated) 5 - Moderate - High 6 - High		 Joint Venture Partners: Anup Pty Ltd Level 14 Exchange Tower 2 The Esplanade Perth WA 6000 Tel +61 8 9327 8300 Fax +61 8 9481 1334 www.arup.com Jacobs Group (Australia) Pty Ltd Durack Centre, 263 Adelaide Terrace, Perth WA 6000 Tel +61 8 9469 4400 Fax +61 8 9469 4488 www.jacobs.com © Main Roads Western Australia		 Main Roads Western Australia Client Project Great Northern Highway Bindoon Bypass Environmental Review Document		Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value Page 6 of 15 Drawing No: GNH-CN12-EA-PER-00001 - F4-14 Issue: 1 Task No: ERD Drawing Status / Other: Draft <table border="1"> <tr> <td>Date</td> <td>By</td> <td>Chkd</td> <td>Appd</td> </tr> <tr> <td>13/08/2019</td> <td>BG</td> <td>LB</td> <td>TJ</td> </tr> </table>		Date	By	Chkd	Appd	13/08/2019	BG	LB	TJ
Date	By	Chkd	Appd														
13/08/2019	BG	LB	TJ														

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- Legend**
- Development Envelope
 - Highway
 - Major Road
 - Minor Road
 - Cadastral Boundary

- CBC Habitat (FVC)**
- 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
- Foraging Vales**
- 0 - Nil
 - 1 - Negligible

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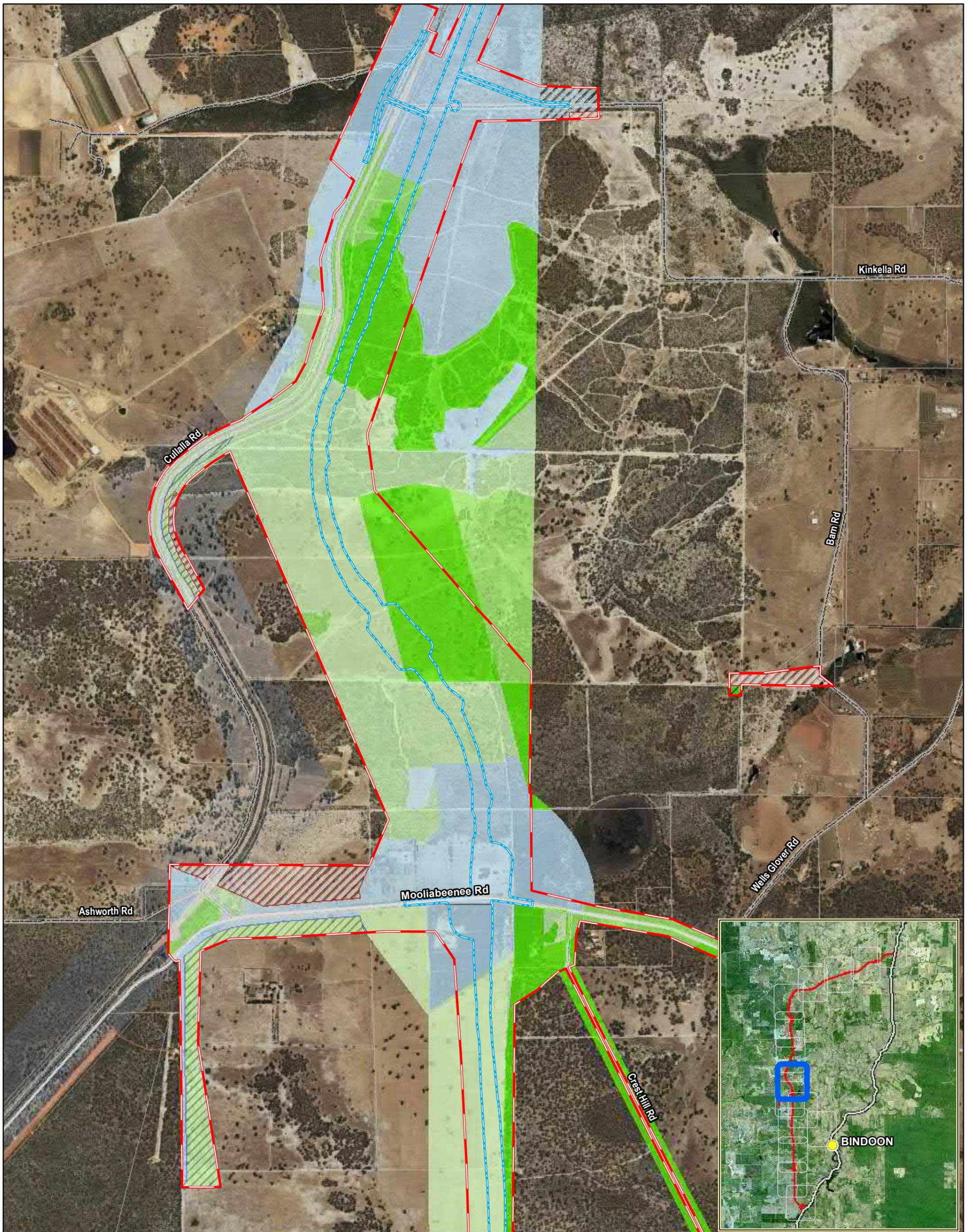
Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
Page 7 of 15

Drawing No: **GNH-CN12-EA-PER-00001 - F4-14** | Issue: **1**

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Legend

- Development Envelope
- Development Footprint
- Major Road
- Minor Road
- Cadastral Boundary

CBC Habitat (FVC)

Foraging Vales

- 0 - Nil
- 0 - Nil (Extrapolated)
- 1 - Negligible
- 1 - Negligible (Extrapolated)

- 2 - Low
- 2 - Low (Extrapolated)
- 3 - Low-Moderate
- 4 - Moderate
- 4 - Moderate (Extrapolated)



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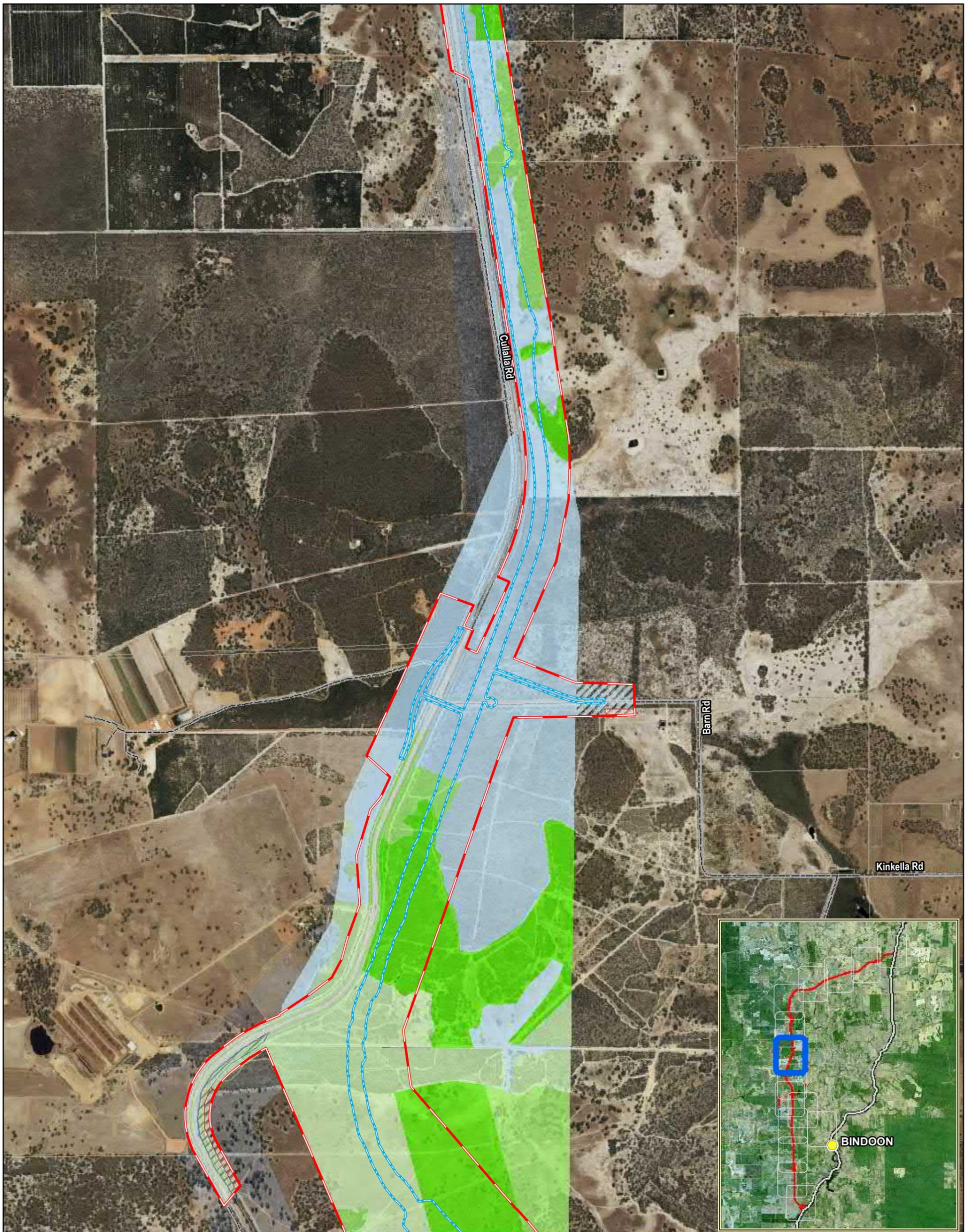
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Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
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Drawing No GNH-CN12-EA-PER-00001 - F4-14	Issue 1		
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Legend

- | | | |
|-----------------------|--------------------------|-------------------------------|
| Development Envelope | CBC Habitat (FVC) | 1 - Negligible (Extrapolated) |
| Development Footprint | Foraging Vales | 2 - Low |
| Minor Road | 0 - Nil | 2 - Low (Extrapolated) |
| Cadastral Boundary | 0 - Nil (Extrapolated) | 3 - Low-Moderate |
| | 1 - Negligible | 4 - Moderate |

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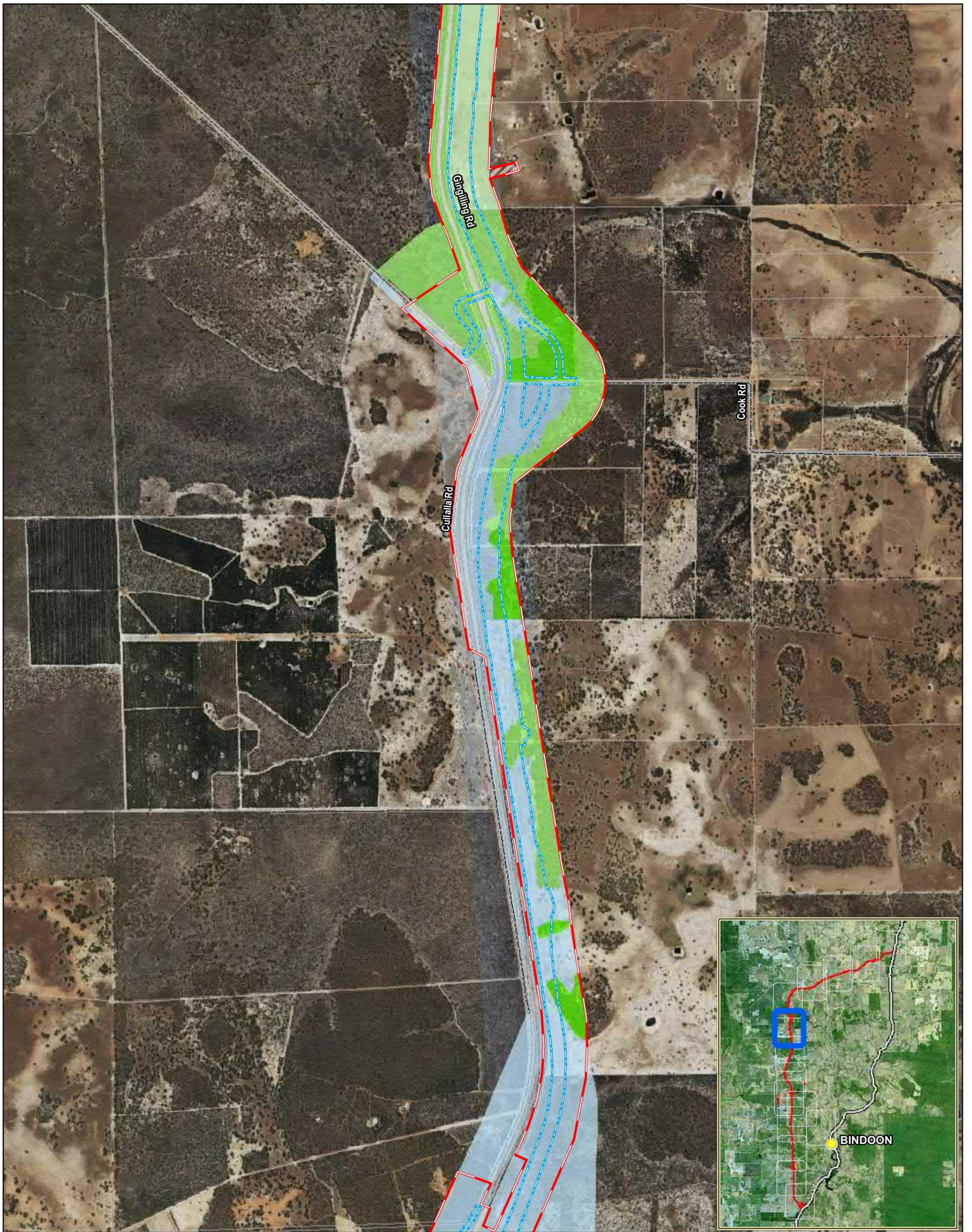
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Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
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- Legend**
- Development Envelope
 - Development Footprint
 - Minor Road
 - Cadastral Boundary

- CBC Habitat (FVC)**
- 0 - Nil
 - 0 - Nil (Extrapolated)
- Foraging Values**
- 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate

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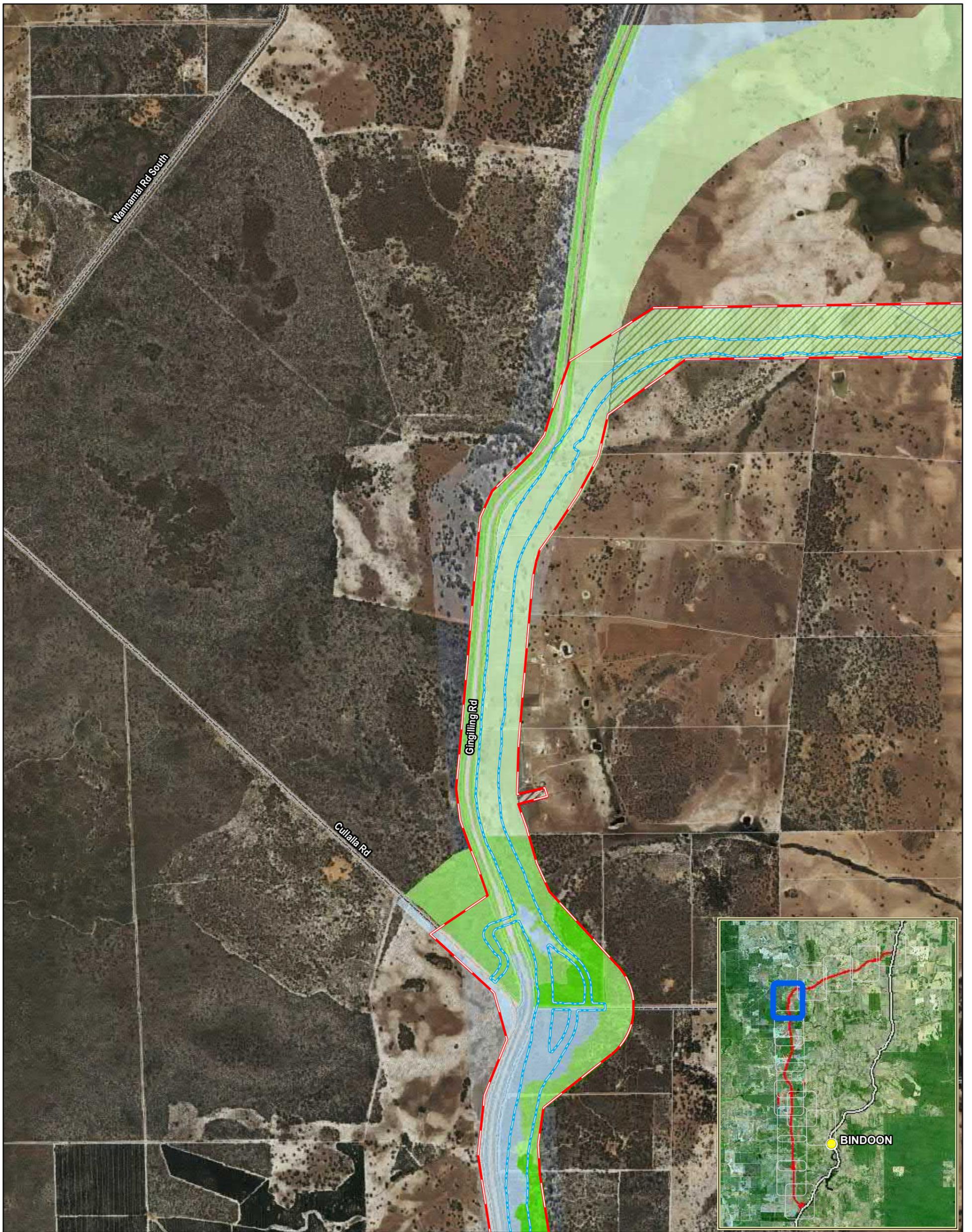
Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
Page 10 of 15

Drawing No: **GNH-CN12-EA-PER-00001 - F4-14** | Issue: **1**

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Legend

- Development Envelope
 - Development Footprint
 - Minor Road
 - Cadastral Boundary
-
- CBC Habitat (FVC)**
 - 0 - Nil
 - 0 - Nil (Extrapolated)
 - 1 - Negligible
 - 2 - Low
 - 2 - Low (Extrapolated)
 - 3 - Low-Moderate
 - 4 - Moderate

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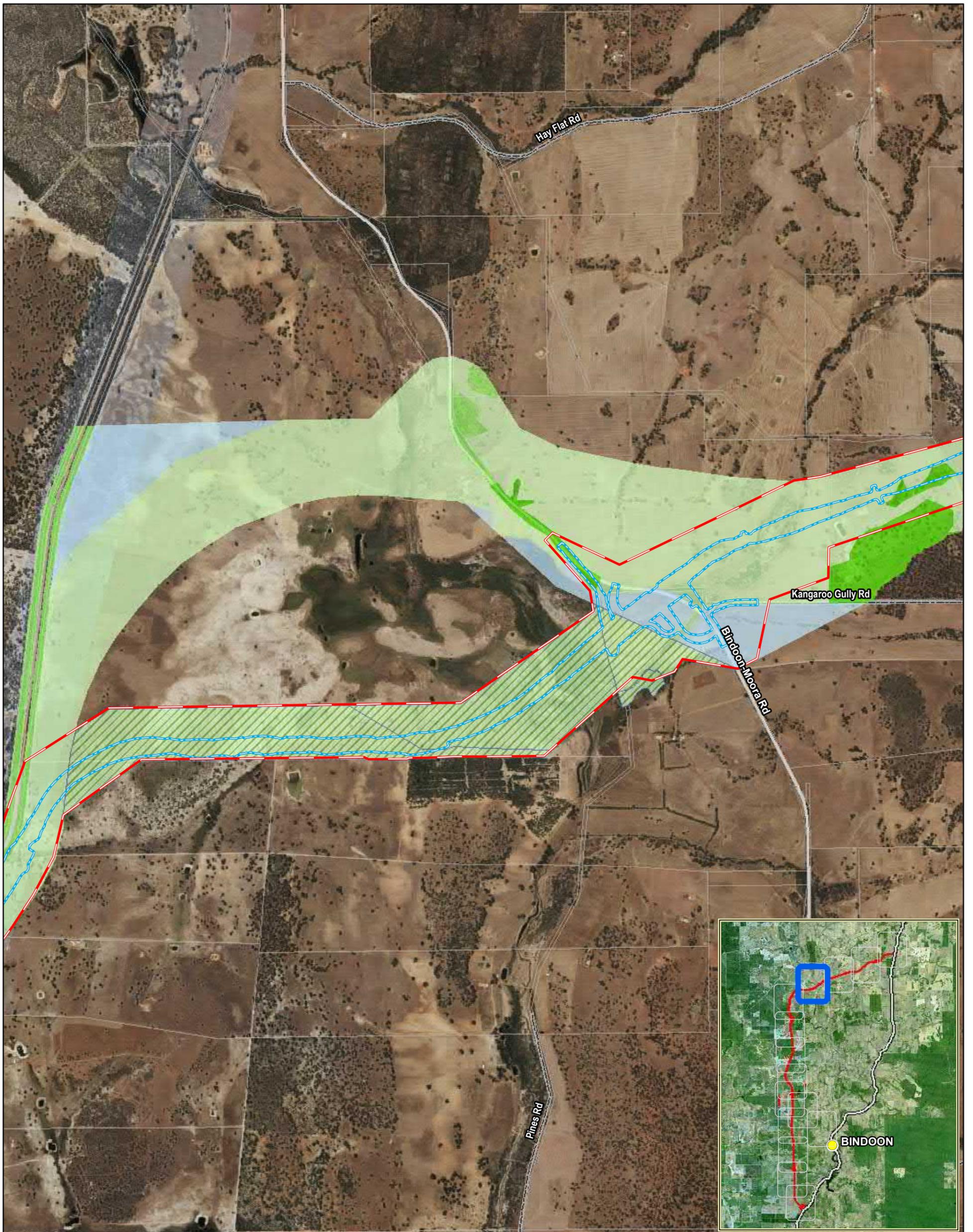
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Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
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- Legend**
- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary

- CBC Habitat (FVC)**
- 2 - Low
 - 2 - Low (Extrapolated)
 - 3 - Low-Moderate
 - 5 - Moderate - High
- Foraging Vales**
- 0 - Nil
 - 1 - Negligible



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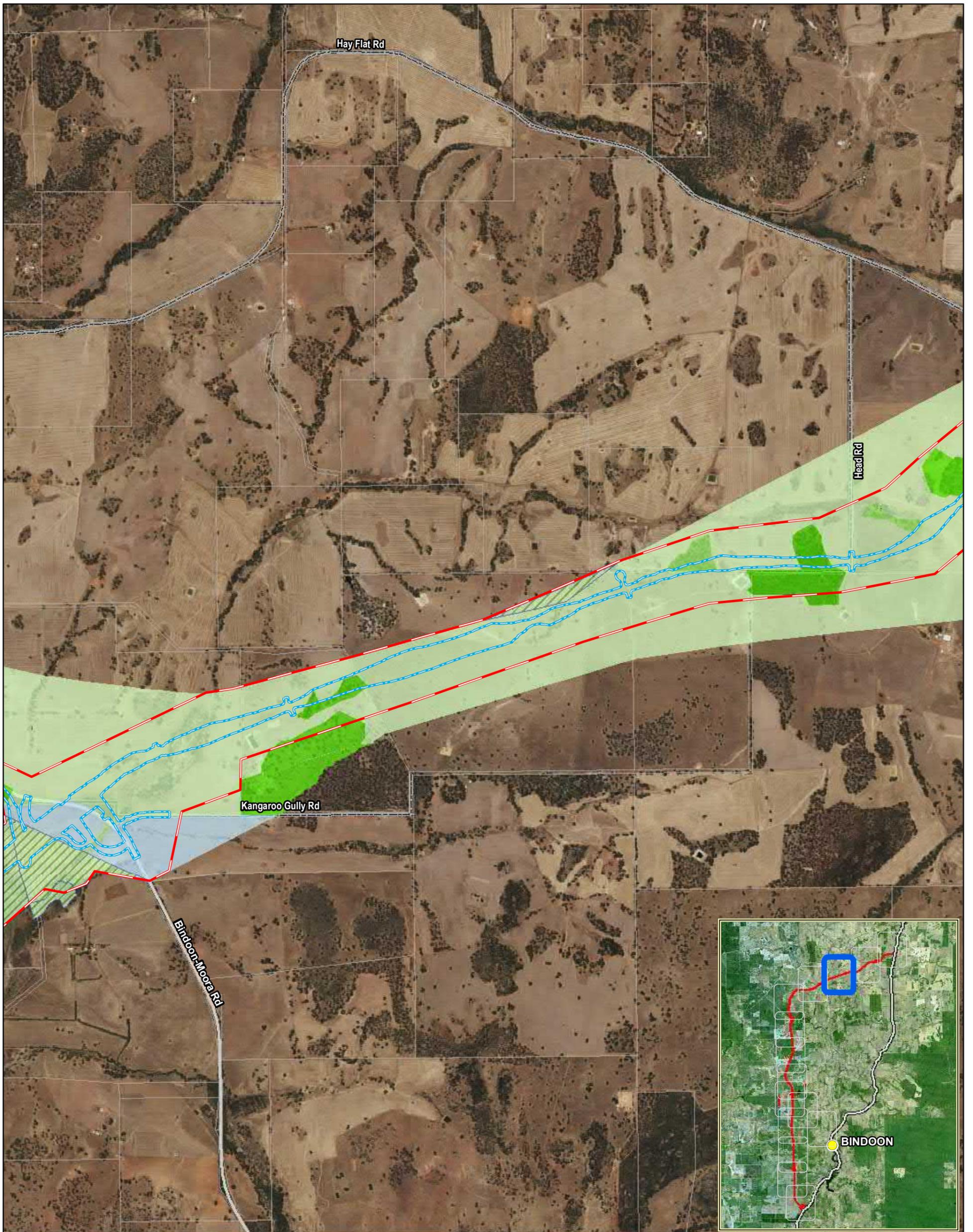
Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
Page 12 of 15

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- Legend**
- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary

- CBC Habitat (FVC)**
- 2 - Low (Extrapolated)
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High
- Foraging Vales**
- 1 - Negligible
 - 2 - Low

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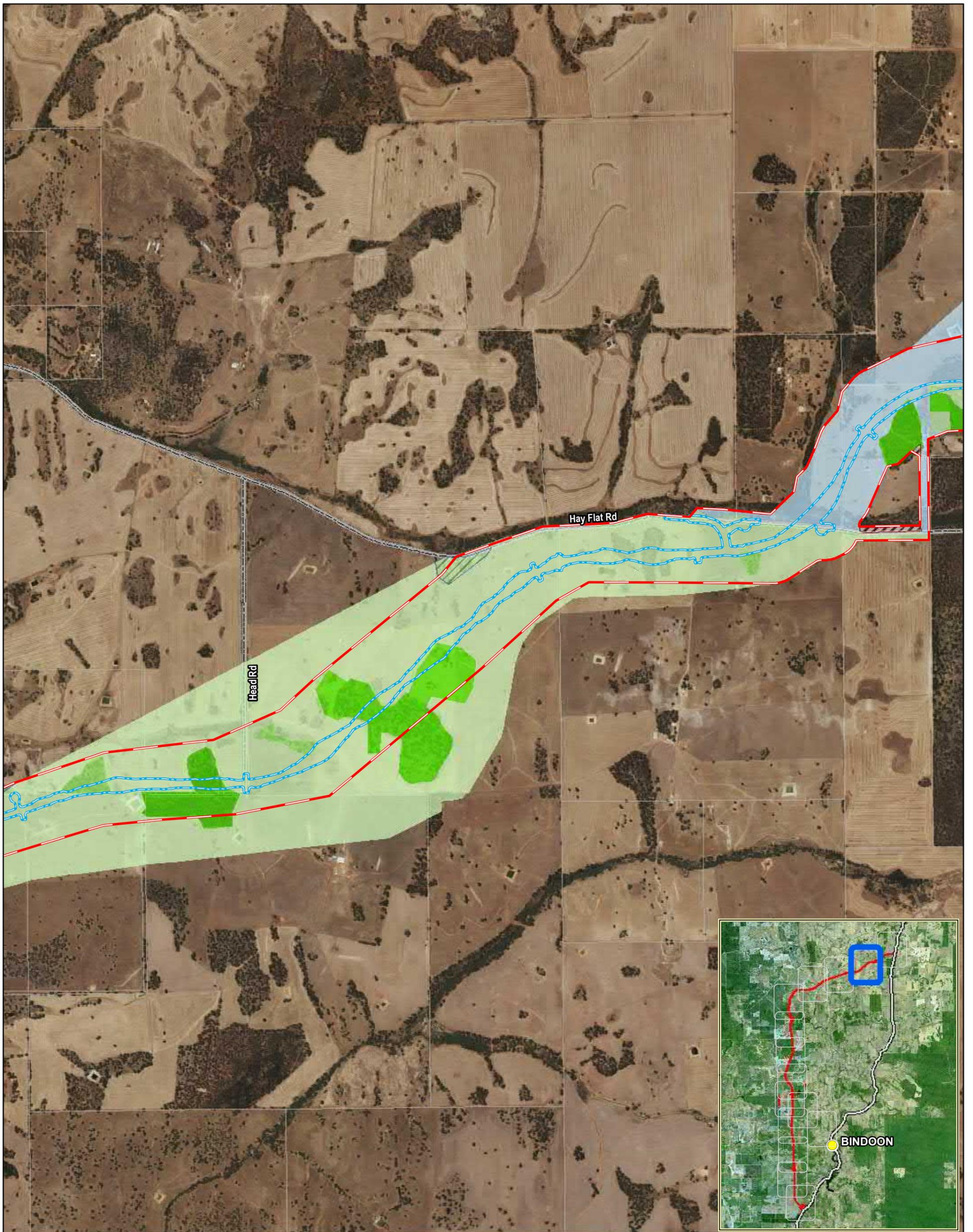
Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value
Page 13 of 15

Drawing No: **GNH-CN12-EA-PER-00001 - F4-14** | Issue: **1**

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Legend

- Development Envelope
 - Development Footprint
 - Minor Road
 - Cadastral Boundary
-
- CBC Habitat (FVC)**
- 0 - Nil
 - 0 - Nil (Extrapolated)
 - 1 - Negligible
- Foraging Vales**
- 2 - Low
 - 2 - Low (Extrapolated)
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High

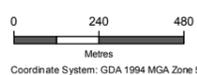


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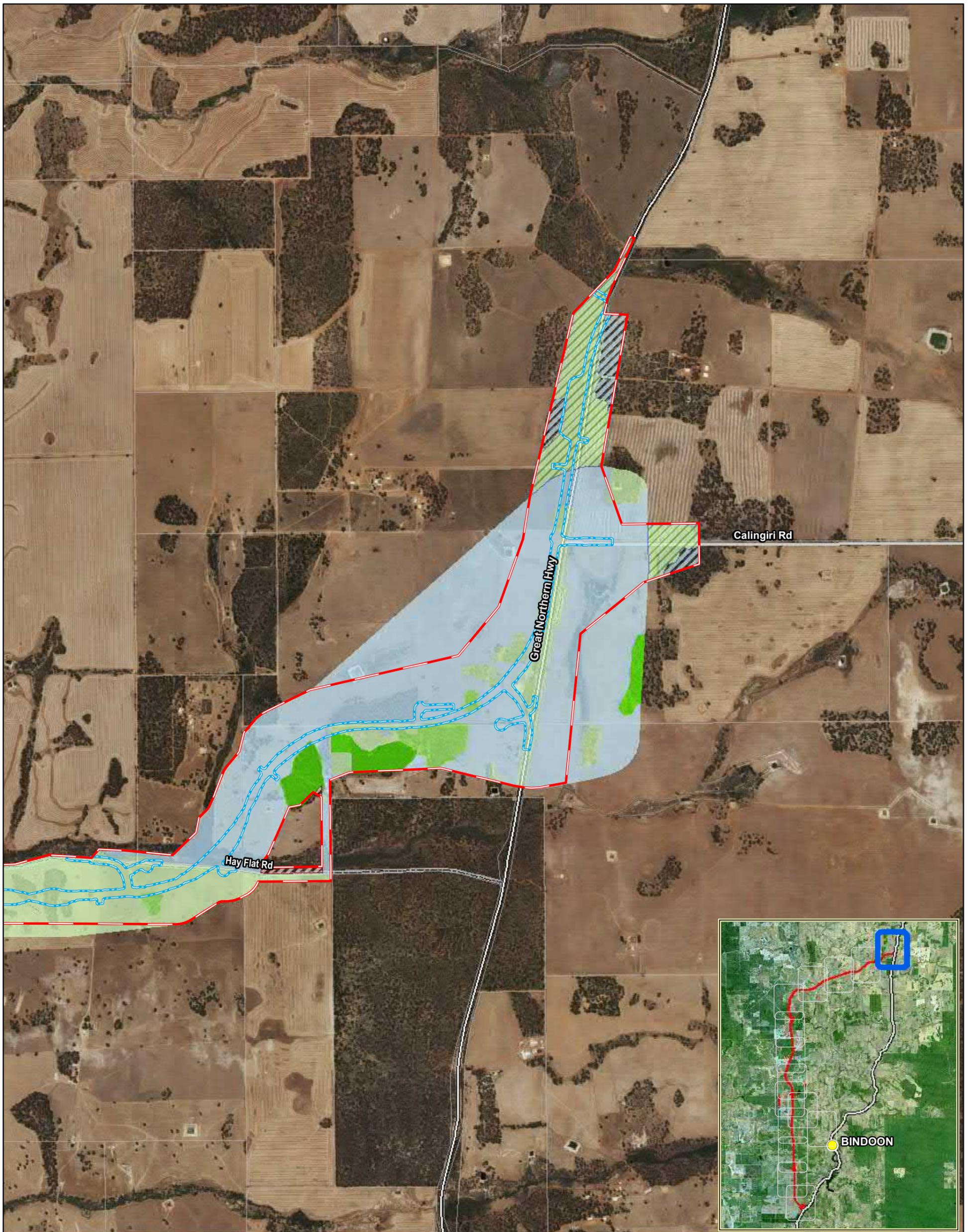
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Figure 4: Carnaby's Black Cockatoo Habitat Foraging Value Page 14 of 15

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Legend

- | | | |
|-----------------------|-------------------------------|------------------------|
| Development Envelope | CBC Habitat (FVC) | 2 - Low |
| Development Footprint | Foraging Vales | 2 - Low (Extrapolated) |
| Highway | 0 - Nil | 3 - Low-Moderate |
| Major Road | 0 - Nil (Extrapolated) | 4 - Moderate |
| Minor Road | 1 - Negligible | 5 - Moderate - High |
| Cadastral Boundary | 1 - Negligible (Extrapolated) | |

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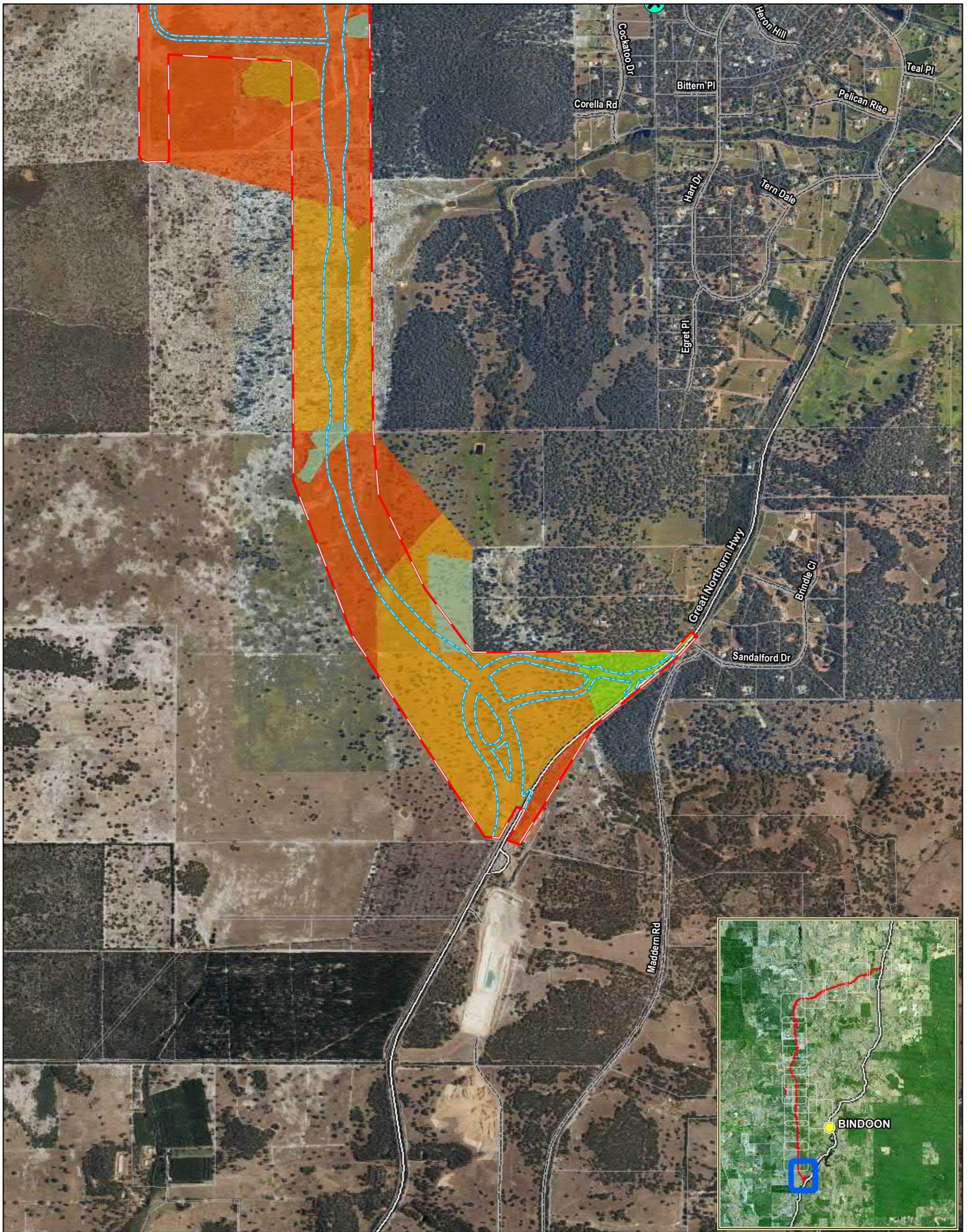
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**Figure 4: Carnaby's Black
Cockatoo Habitat Foraging
Value** Page 15 of 15

Drawing No GNH-CN12-EA-PER-00001 - F4-14	Issue 1		
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- Legend**
- Development Envelope
 - Development Footprint
 - Highway
 - Major Road
 - Minor Road
 - Cadastral Boundary
 - RTBC Roost Sites

RTBC Habitat (FVC) Foraging Vales

- 1 - Negligible
- 3 - Low-Moderate
- 4 - Moderate
- 5 - Moderate - High

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Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

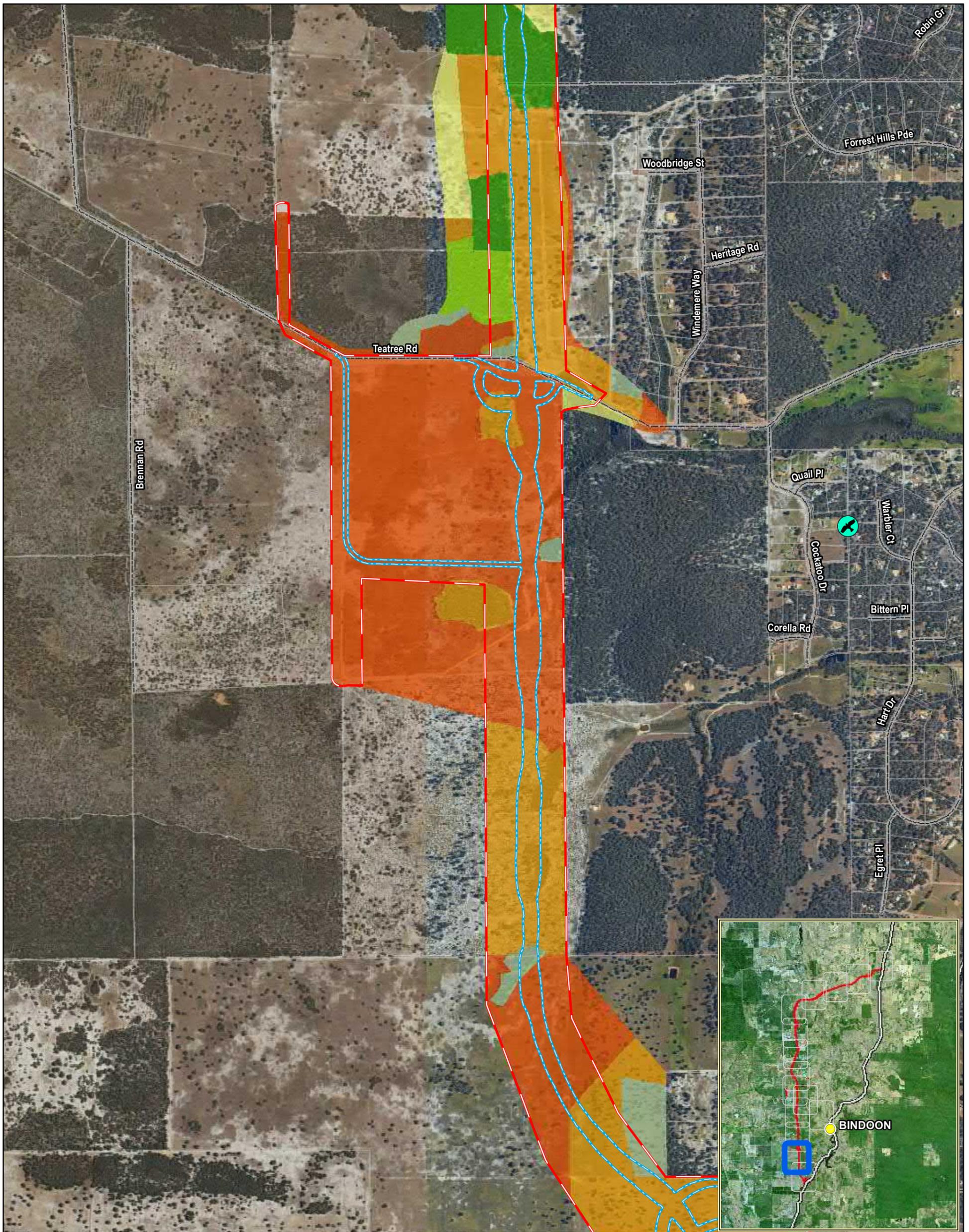
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- Legend**
- Development Envelope
 - Development Footprint
 - Highway
 - Minor Road
 - Cadastral Boundary
 - 🦘 RTBC Roost Sites
- RTBC Habitat (FVC)**
- 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High
 - 6 - High
- Foraging Vales**
- 0 - Nil
 - 1 - Negligible
 - 2 - Low

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Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

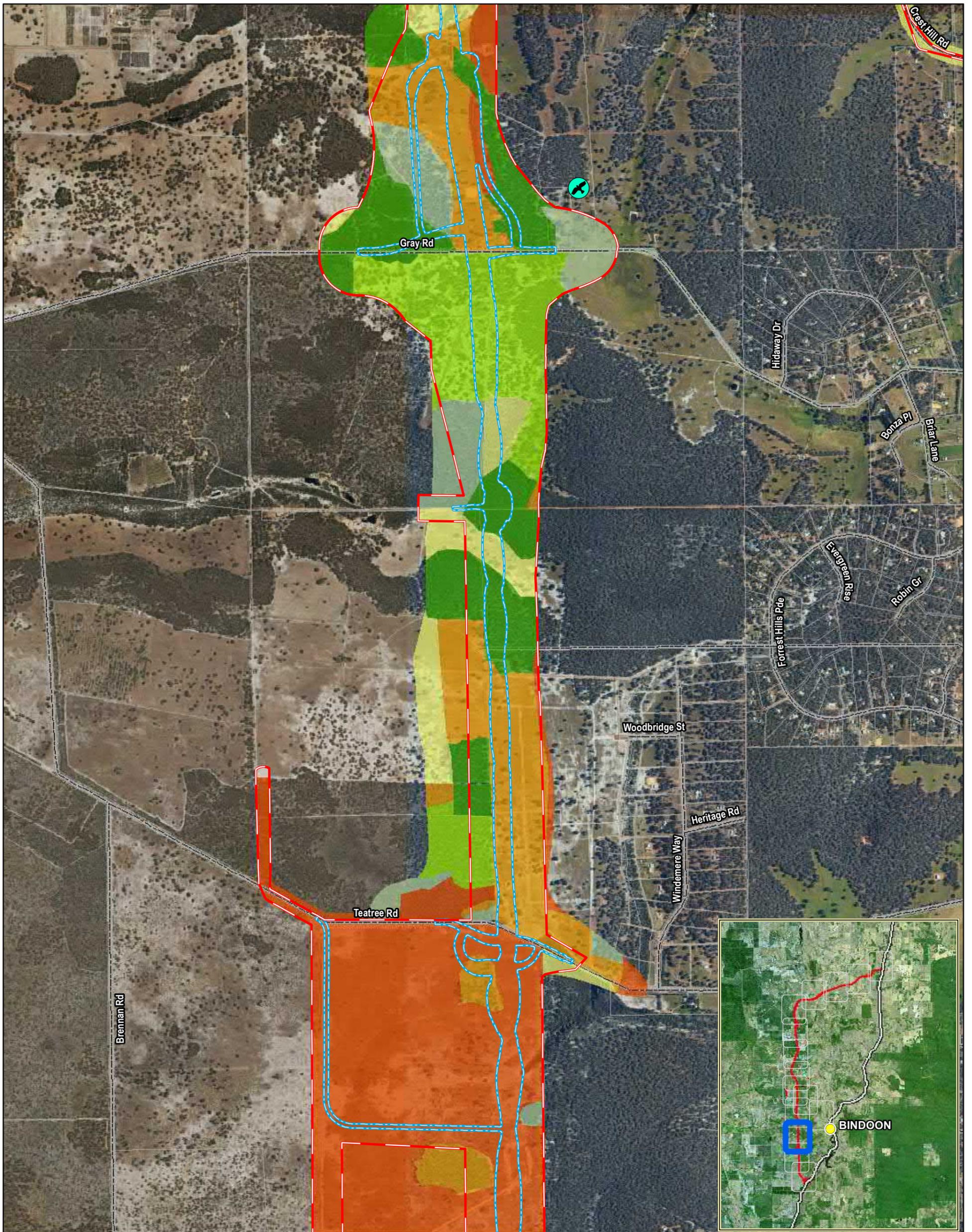
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Legend

- Development Envelope
- Development Footprint
- Minor Road
- Cadastral Boundary
- 🌳 RTBC Roost Sites
- RTBC Habitat (FVC)**
- Foraging Vales**
- 0 - Nil
- 1 - Negligible
- 2 - Low
- 3 - Low-Moderate
- 4 - Moderate
- 5 - Moderate - High
- 6 - High

North Arrow

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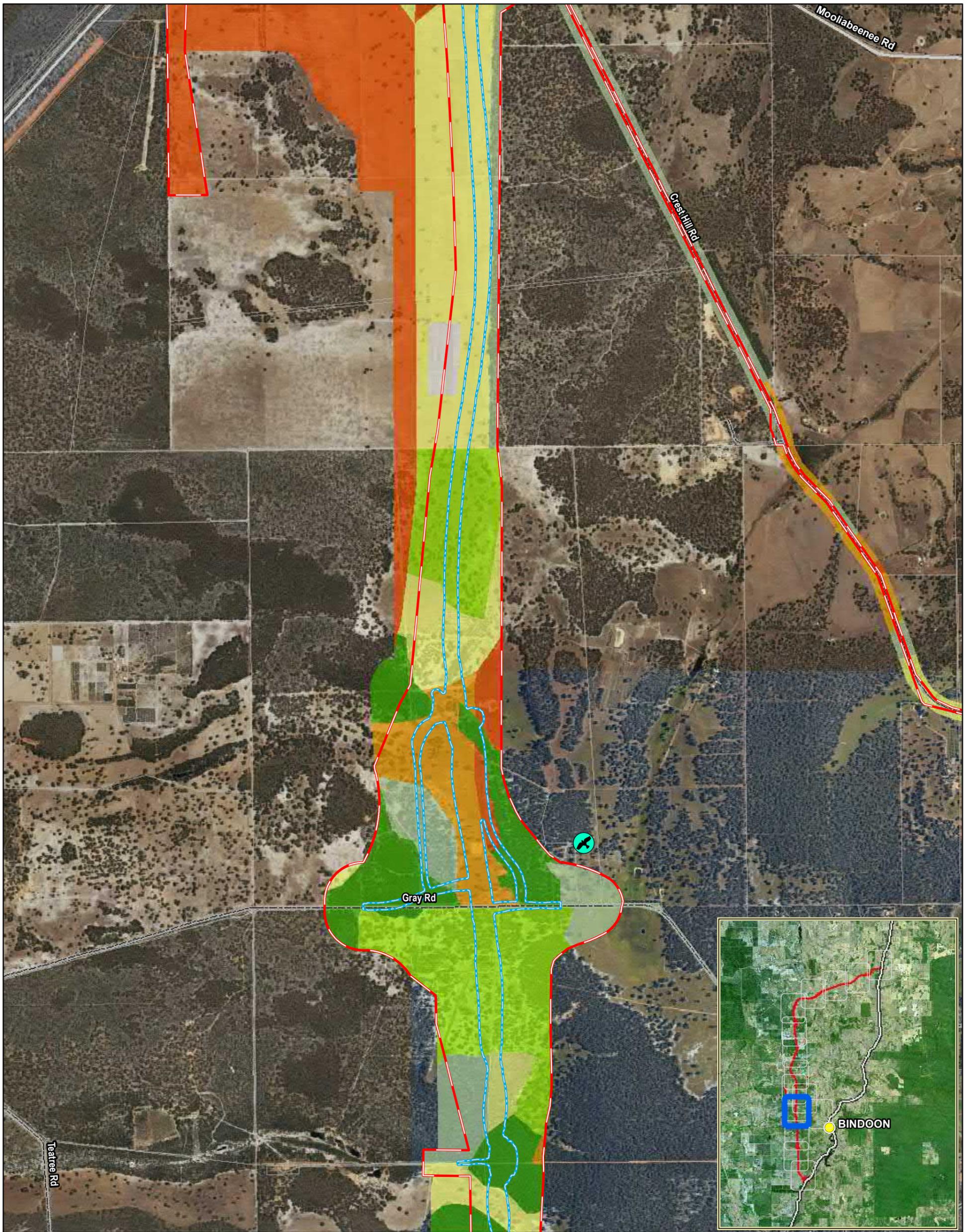
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Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

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- Legend**
- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary
 - RTBC Roost Sites

- RTBC Habitat (FVC)**
- 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High
 - 6 - High
- Foraging Vales**
- 0 - Nil

North Arrow

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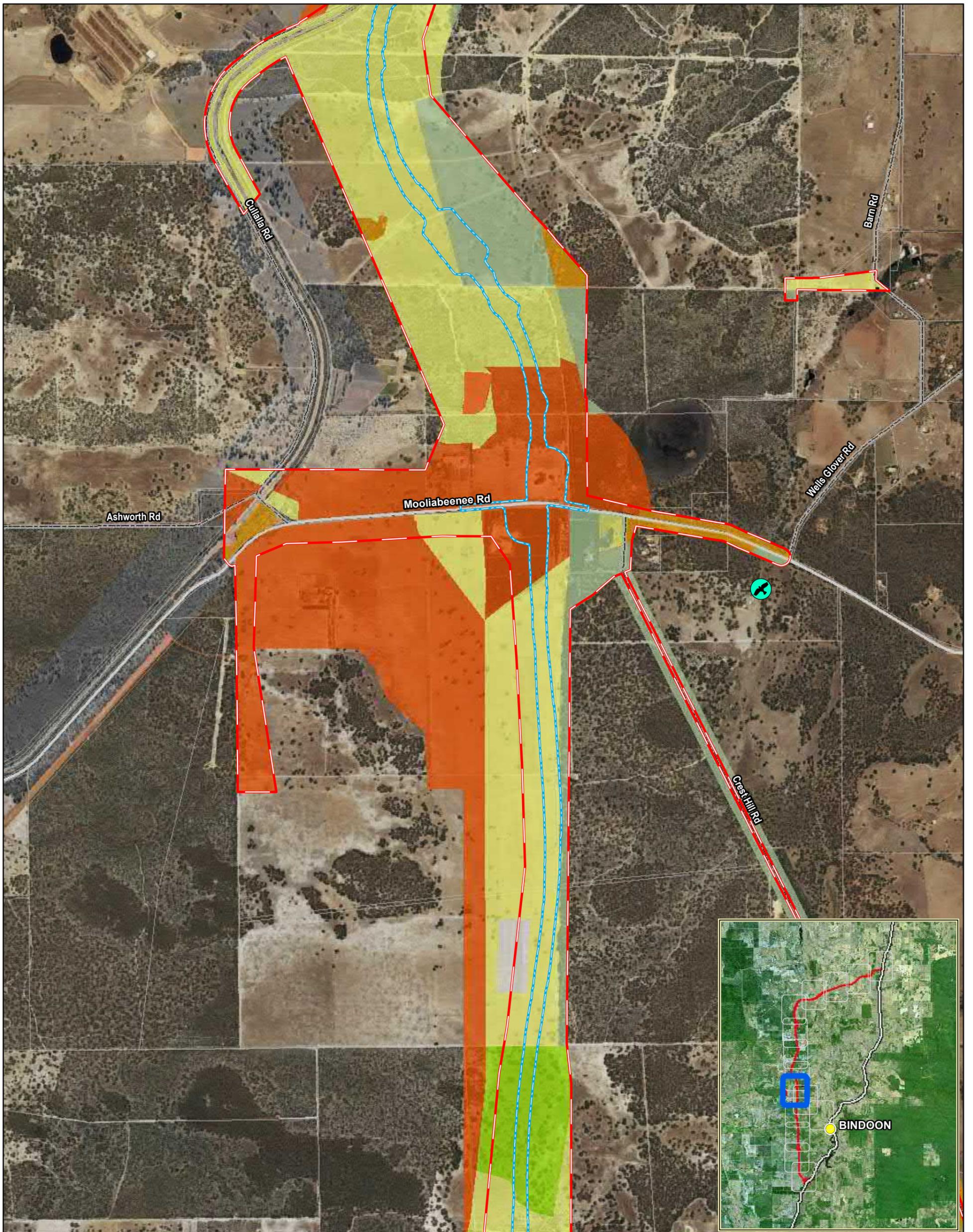
Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

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- Legend**
- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary
 - 🐦 RTBC Roost Sites

- RTBC Habitat (FVC)**
- 0 - Nil
 - 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High
 - 6 - High
- Foraging Vales**

Joint Venture Partners:

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0 240 480
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Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

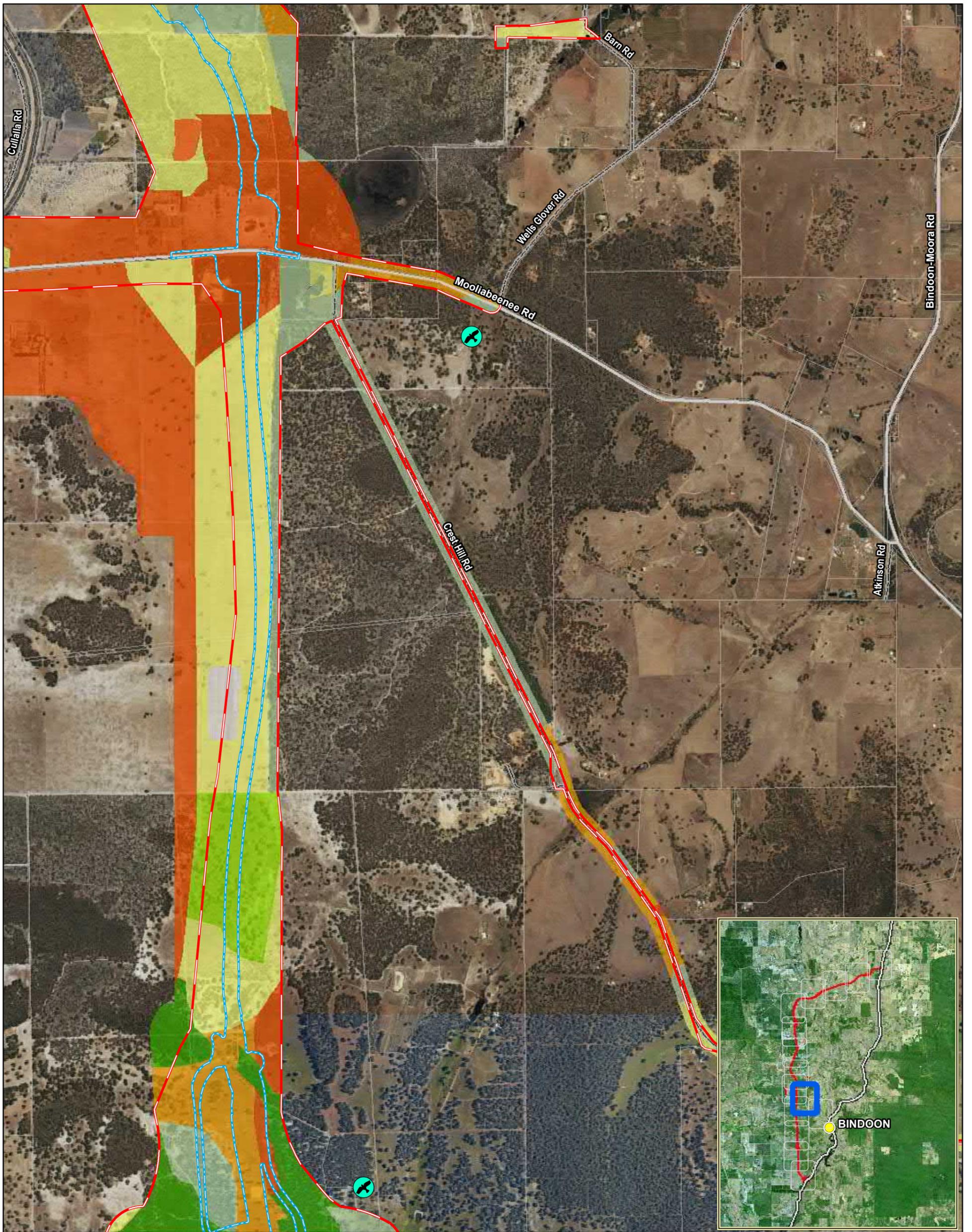
Page 5 of 15

Drawing No: GNH-CN12-EA-PER-00001 - F4-15 | Issue: 1

Task No: ERD | Drawing Status / Other: Draft

Date	By	Chkd	Appd
30/05/2019	BG	LB	TJ

MXD Location: \\auy00-app023\ArcGIS\Server\WA_P850732_GNH\ERD\Figures\GNH-CN12-EA-PER-0001-F4-15.mxd



Legend

- Development Envelope
- Development Footprint
- Major Road
- Minor Road
- Cadastral Boundary
- 🐦 RTBC Roost Sites

- RTBC Habitat (FVC)**
- Foraging Values**
- 0 - Nil
 - 1 - Negligible
 - 2 - Low

- 3 - Low-Moderate
- 4 - Moderate
- 5 - Moderate - High
- 6 - High



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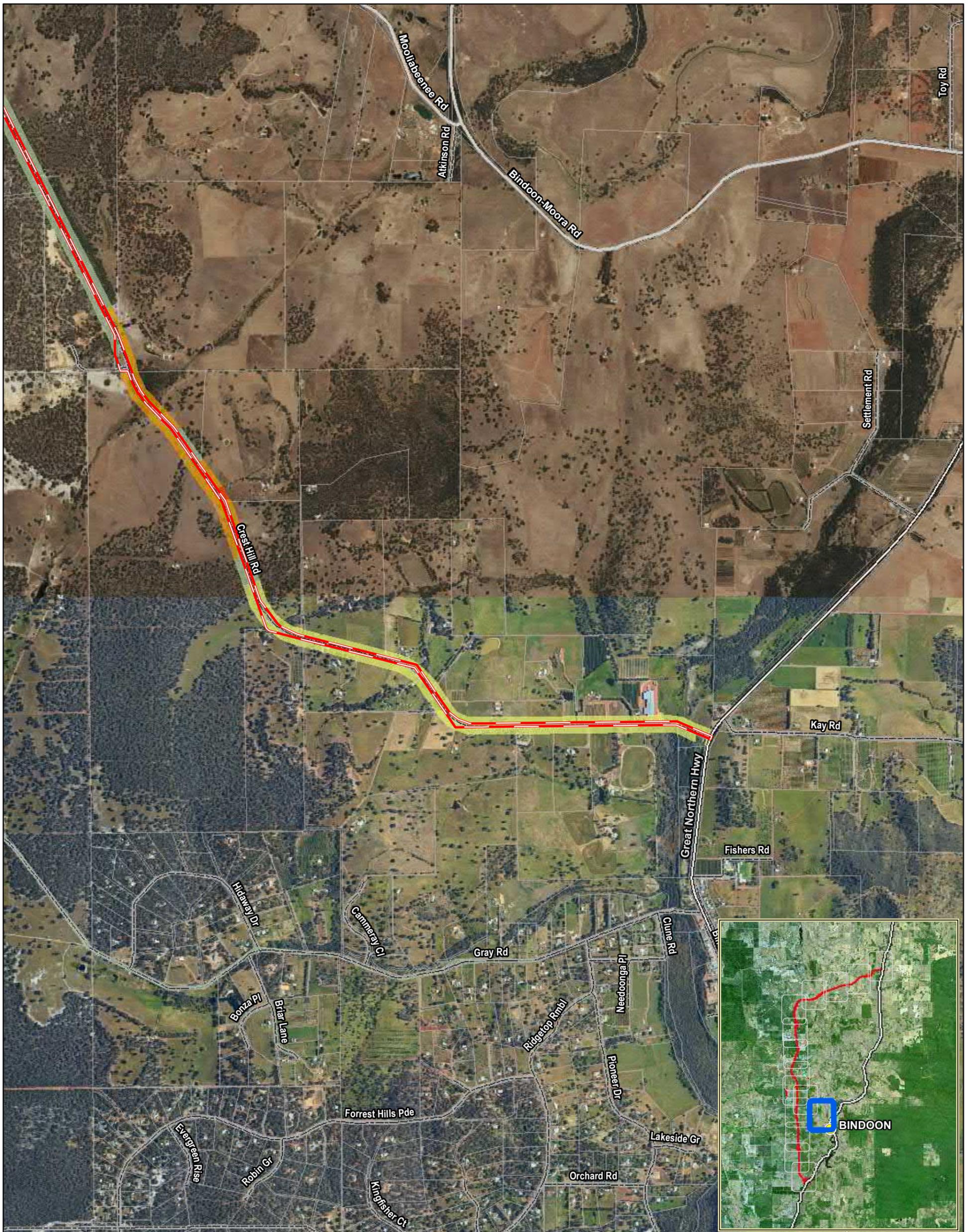
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Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

Drawing No: **GNH-CN12-EA-PER-00001 - F4-15** Issue: **1**

Task No: ERD	Drawing Status / Other: Draft		
Date: 30/05/2019	By: BG	Chkd: LB	Appd: TJ

MXD Location: \\auy00-app023\ArcGIS\Server\WA_P850732_GNH\ERD\Figures\GNH-CN12-EA-PER-0001-F4-15.mxd



- Legend**
- Development Envelope
 - Highway
 - Major Road
 - Minor Road
 - Cadastral Boundary

- RTBC Habitat (FVC) Foraging Values**
- 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate

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Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

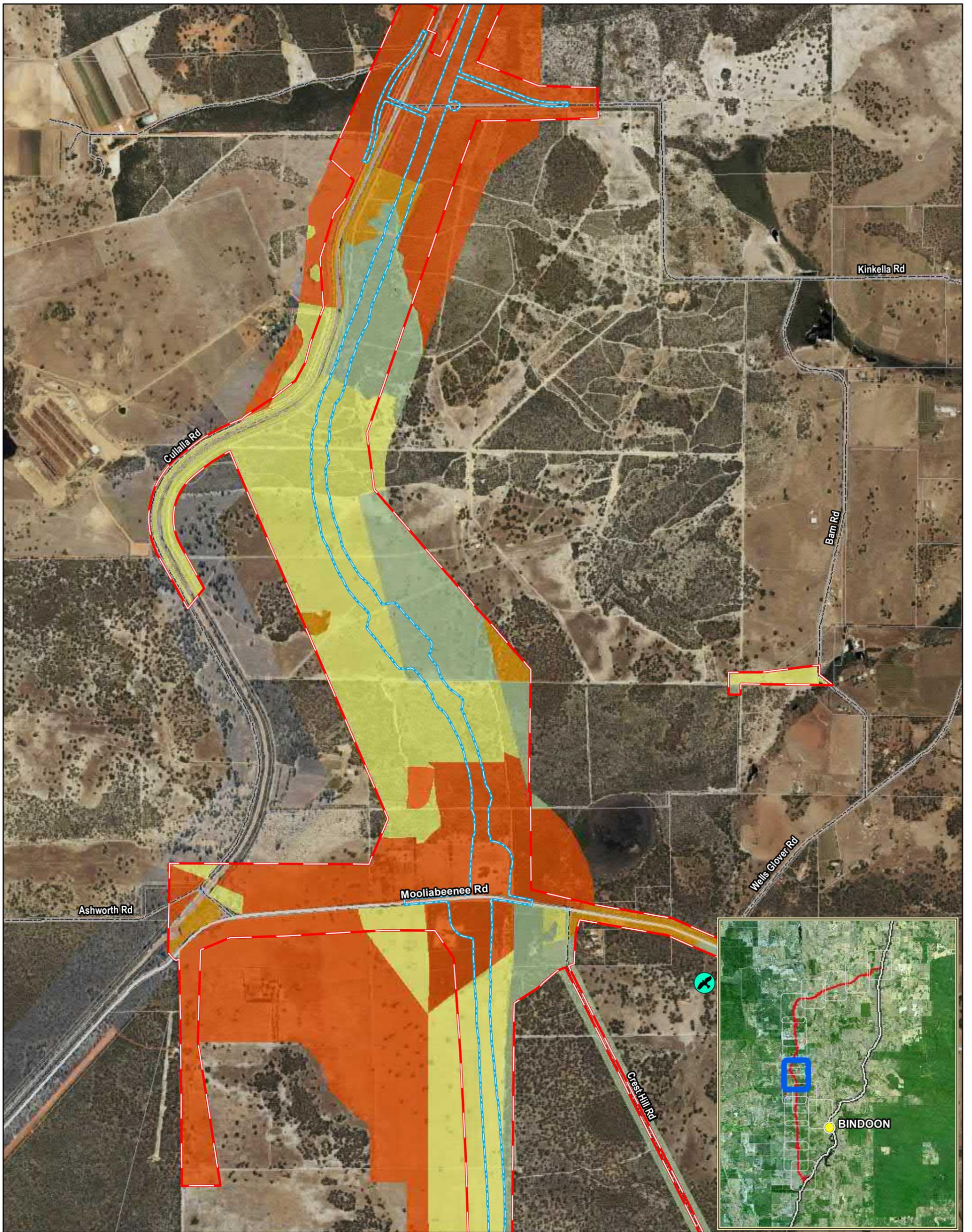
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Drawing No: GNH-CN12-EA-PER-00001 - F4-15 Issue: 1

Task No: ERD Drawing Status / Other: Draft

Date	By	Chkd	Appd
30/05/2019	BG	LB	TJ

MXD Location: \\auy01-app023\ArcGIS\Server\WA_P850732_GNH\ERD Figures\GNH-CN12-EA-PER-0001-F4-15.mxd



Legend

- Development Envelope
- Development Footprint
- Major Road
- Minor Road
- Cadastral Boundary
- RTBC Roost Sites

- RTBC Habitat (FVC) Foraging Vales**
- 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate

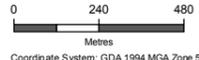


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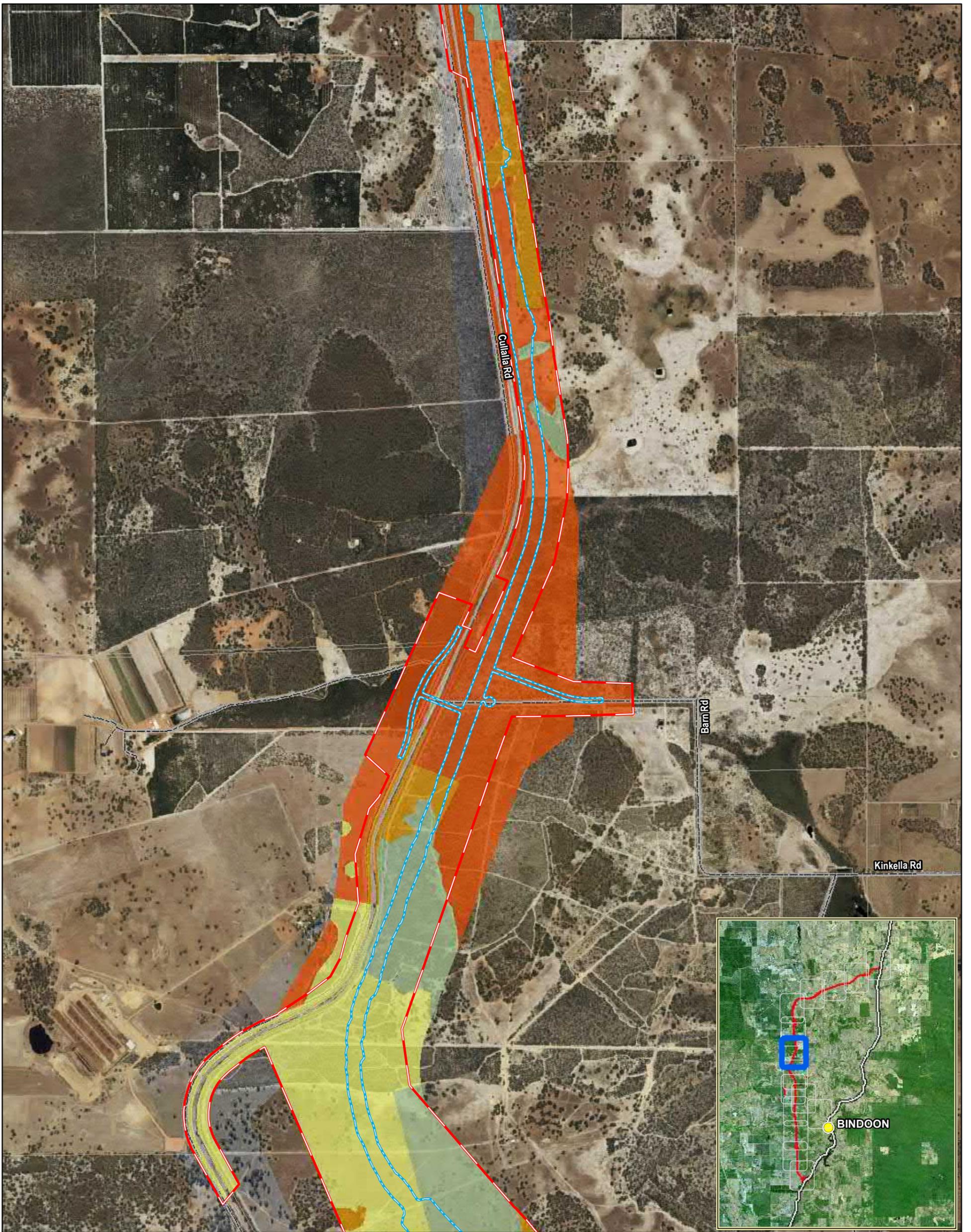
Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

Drawing No: **GNH-CN12-EA-PER-00001 - F4-15** Issue: **1**

Task No: **ERD** Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
30/05/2019	BG	LB	TJ

MXD Location: \\auy01-app023\ArcGIS\Server\WA_P850732_GNH\ERD\Figures\GNH-CN12-EA-PER-0001-F4-15.mxd



- Legend**
- Development Envelope
 - Development Footprint
 - Minor Road
 - Cadastral Boundary
 - RTBC Habitat (FVC)**
 - Foraging Vales**
 - 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate

North Arrow

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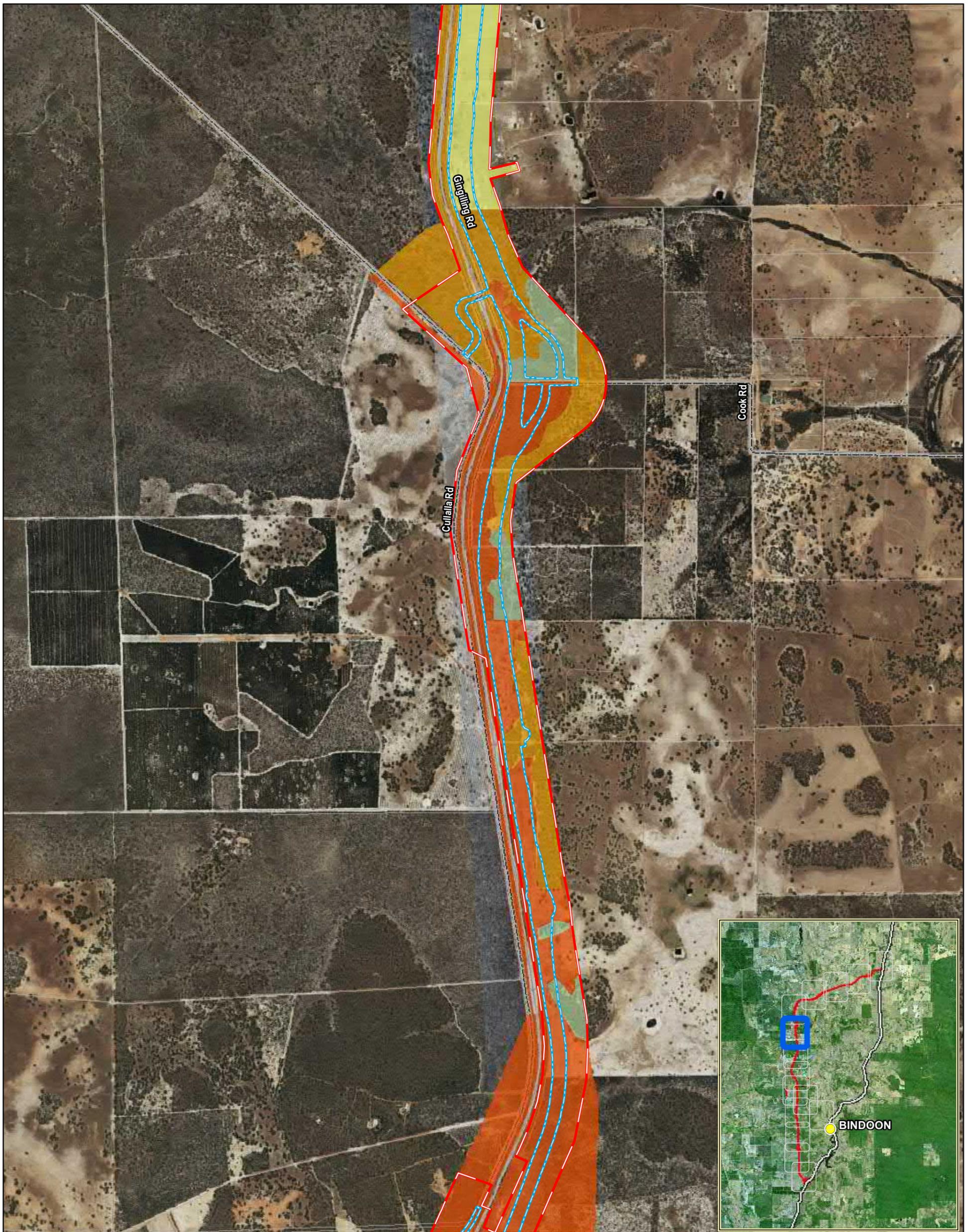
Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

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Drawing No: **GNH-CN12-EA-PER-00001 - F4-15** Issue: **1**

Task No: **ERD** Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
30/05/2019	BG	LB	TJ



Legend

- Development Envelope
- Development Footprint
- Minor Road
- Cadastral Boundary
- RTBC Habitat (FVC)**
- Foraging Vales**
- 1 - Negligible
- 2 - Low
- 3 - Low-Moderate
- 4 - Moderate

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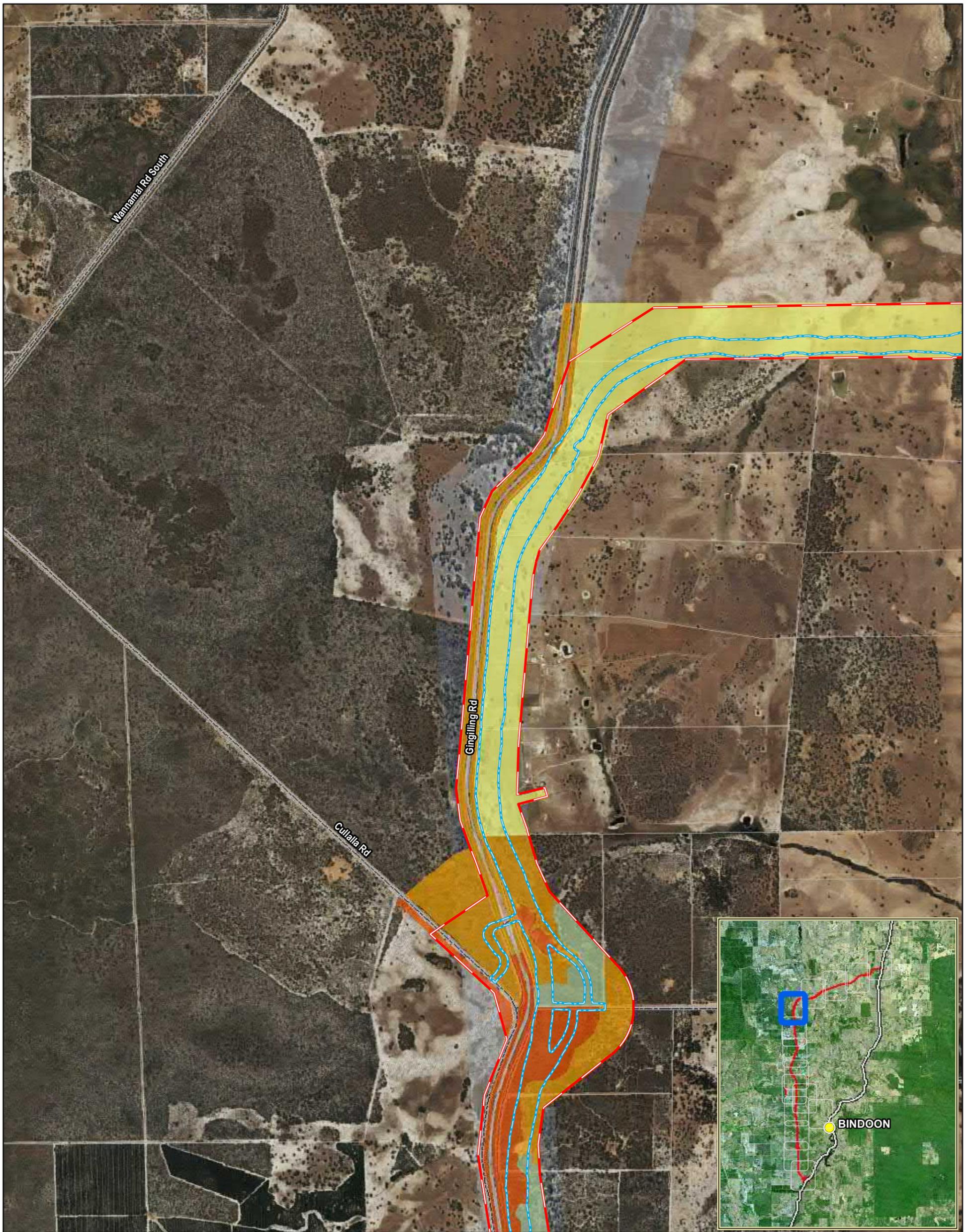
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Figure 5: Forest Red-tailed Black
 Cockatoo Habitat Foraging Value

Page 10 of 15

Drawing No GNH-CN12-EA-PER-00001 - F4-15		Issue 1	
Task No ERD	Drawing Status / Other Draft		
Date 30/05/2019	By BG	Chkd LB	Appd TJ

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Legend

- Development Envelope
- Development Footprint
- Minor Road
- Cadastral Boundary
- RTBC Habitat (FVC) Foraging Vales**
- 1 - Negligible
- 2 - Low
- 3 - Low-Moderate
- 4 - Moderate

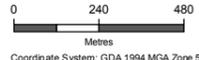


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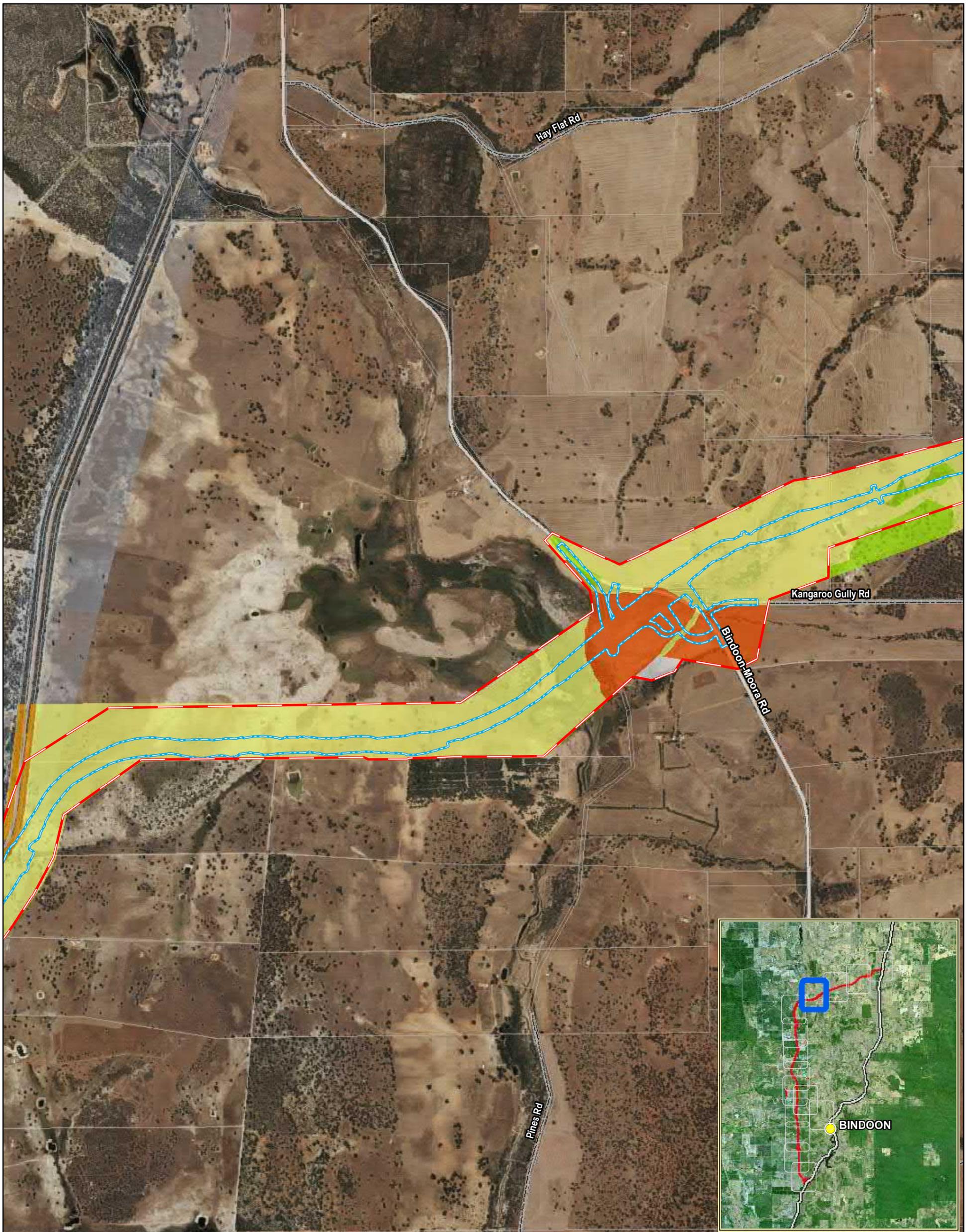
Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

Drawing No: **GNH-CN12-EA-PER-00001 - F4-15** Issue: **1**

Task No: **ERD** Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
30/05/2019	BG	LB	TJ

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- Legend**
- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary

- RTBC Habitat (FVC) Foraging Vales**
- 0 - Nil
 - 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High

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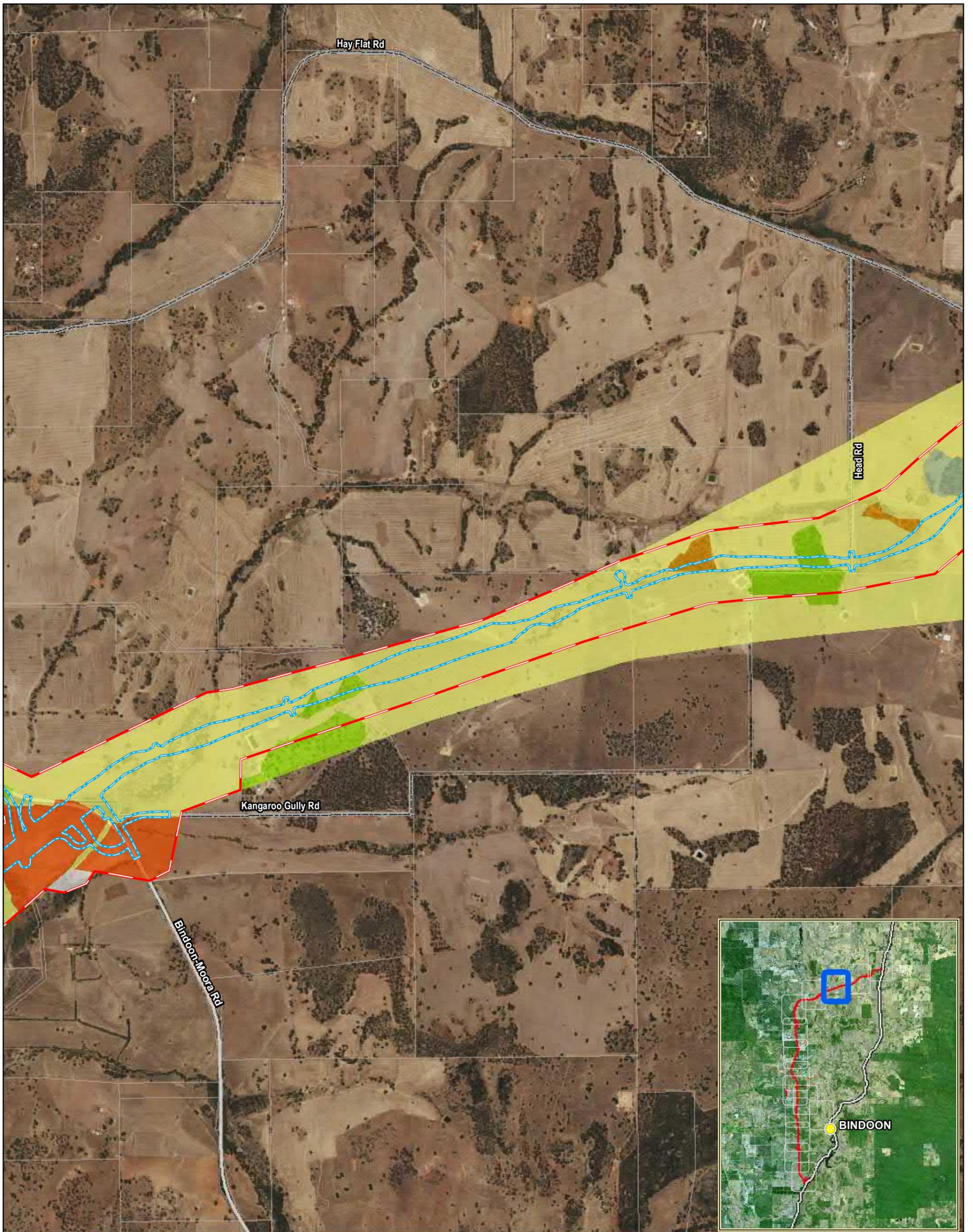
Figure 5: Forest Red-tailed Black
Cockatoo Habitat Foraging Value

Page 12 of 15

Drawing No: GNH-CN12-EA-PER-00001 - F4-15
Issue: 1

Task No: ERD	Drawing Status / Other: Draft		
Date: 30/05/2019	By: BG	Chkd: LB	Appd: TJ

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- Legend**
- Development Envelope
 - Development Footprint
 - Major Road
 - Minor Road
 - Cadastral Boundary

- RTBC Habitat (FVC)**
- 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High
- Foraging Vales**
- 0 - Nil
 - 1 - Negligible

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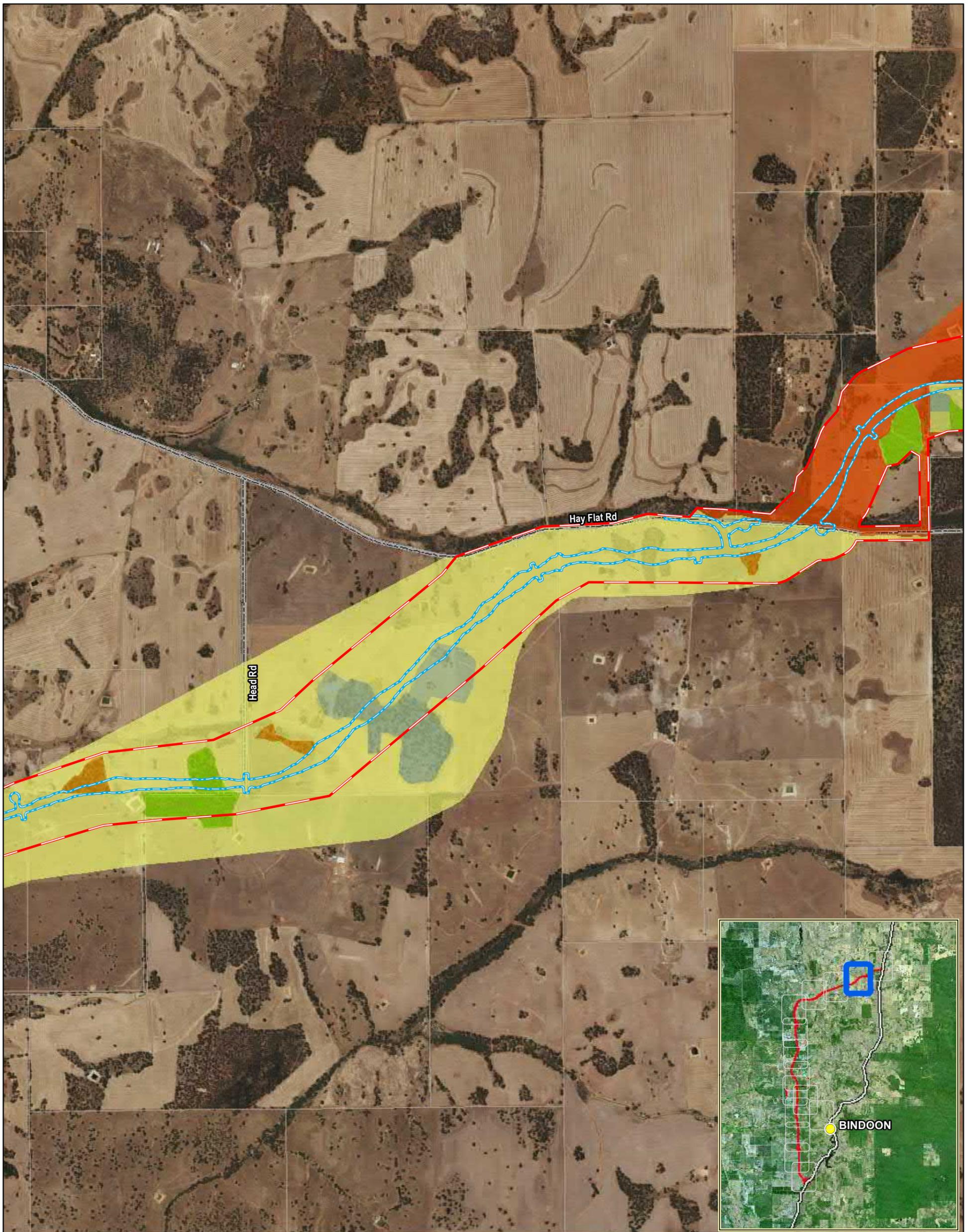
Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

Page 13 of 15

Drawing No: GNH-CN12-EA-PER-00001 - F4-15 Issue: 1

Task No: ERD	Drawing Status / Other: Draft		
Date: 30/05/2019	By: BG	Chkd: LB	Appd: TJ

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- Legend**
- Development Envelope
 - Development Footprint
 - Minor Road
 - Cadastral Boundary
 - RTBC Habitat (FVC)**
 - Foraging Vales**
 - 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High

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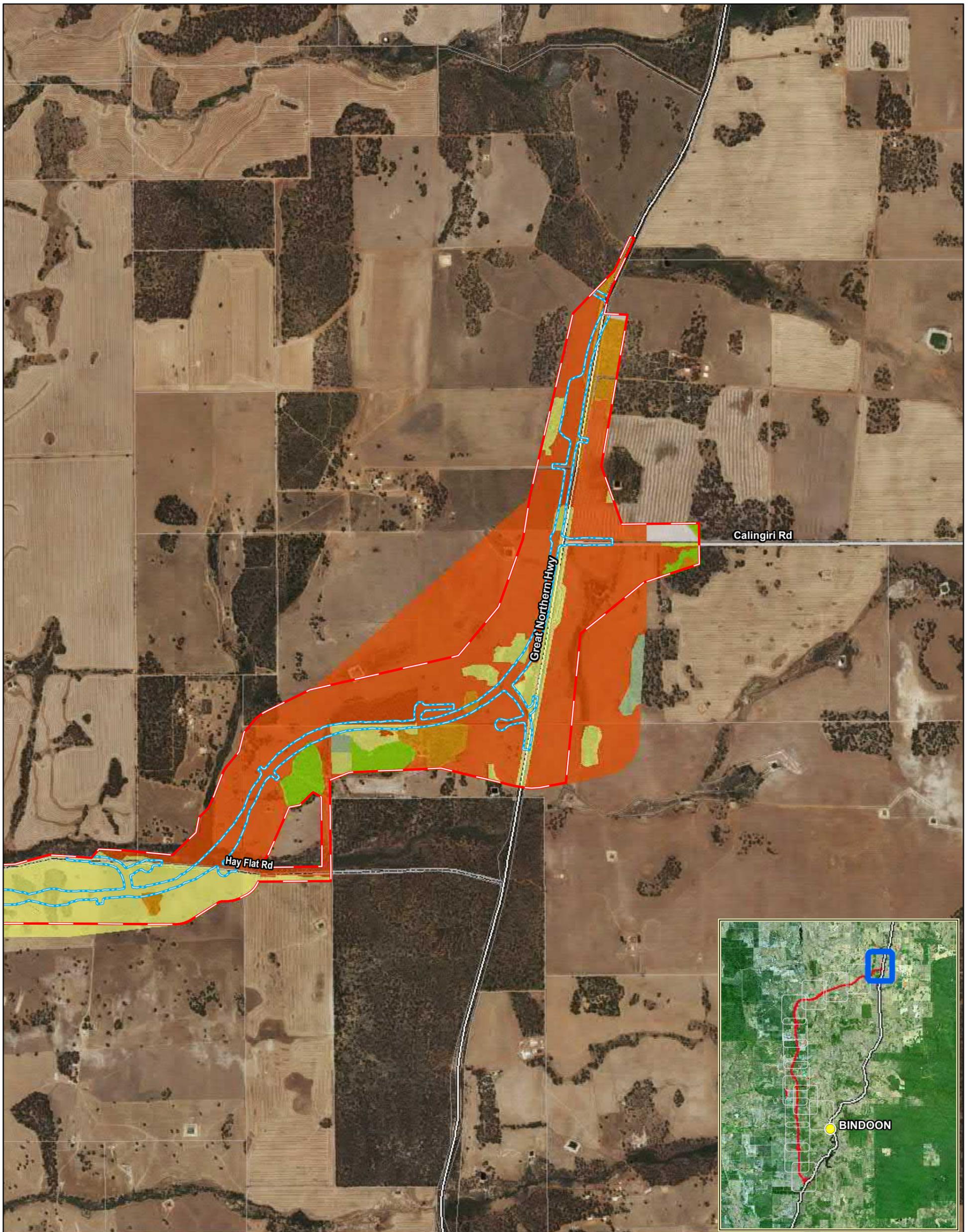
Figure 5: Forest Red-tailed Black
Cockatoo Habitat Foraging Value

Page 14 of 15

Drawing No: GNH-CN12-EA-PER-00001 - F4-15 Issue: 1

Task No: ERD	Drawing Status / Other: Draft		
Date: 30/05/2019	By: BG	Chkd: LB	Appd: TJ

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- Legend**
- Development Envelope
 - Development Footprint
 - Highway
 - Major Road
 - Minor Road
 - Cadastral Boundary

- RTBC Habitat (FVC)**
- Foraging Vales**
- 0 - Nil
 - 1 - Negligible
 - 2 - Low
 - 3 - Low-Moderate
 - 4 - Moderate
 - 5 - Moderate - High

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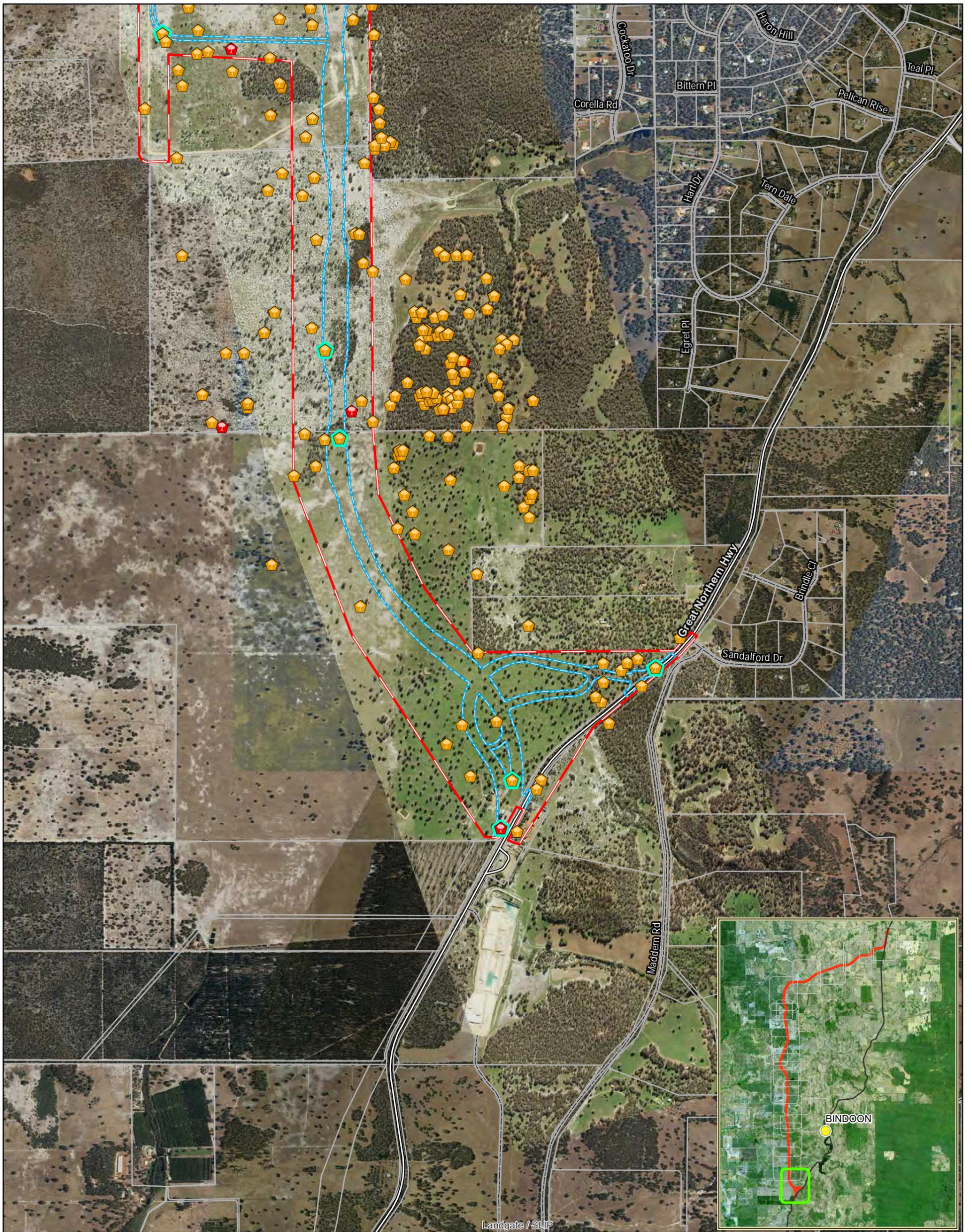
Figure 5: Forest Red-tailed Black Cockatoo Habitat Foraging Value

Page 15 of 15

Drawing No: **GNH-CN12-EA-PER-00001 - F4-15** Issue: **1**

Task No: ERD	Drawing Status / Other: Draft		
Date: 30/05/2019	By: BG	Chkd: LB	Appd: TJ

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Landgate / SLP

Black Cockatoo Trees (FVC) - Outside Development Footprint

- Hollow currently in Use
- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

Black Cockatoo Trees (FVC) - Within Development Footprint

- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

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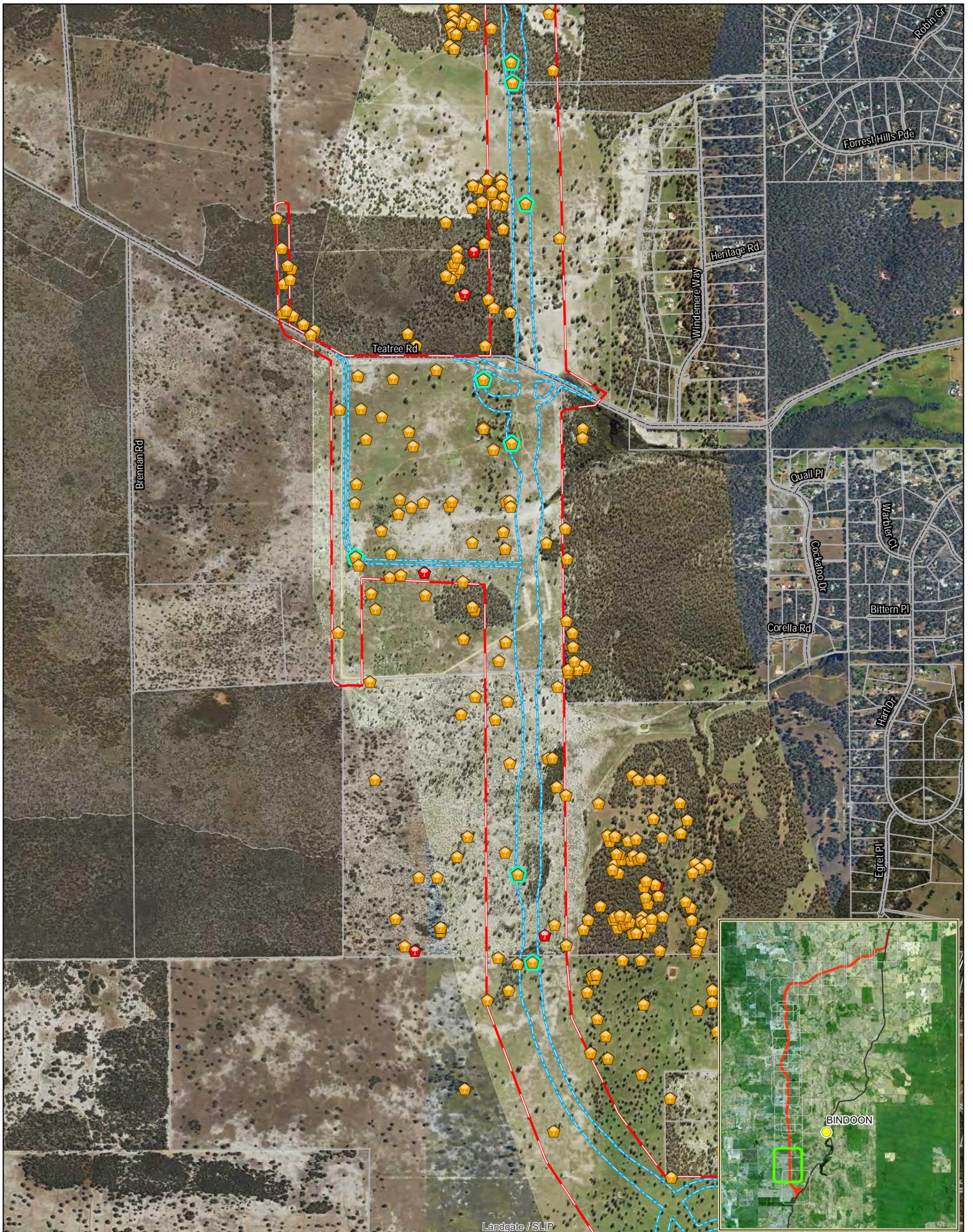
Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 1 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue 2

Task No	Drawing Status / Other
ERD	Final

Date	By	Chkd	Appd
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MXD Location: \\jacobson.com\PER\Projects\BIP\Projects\B80732\Technical\GIS\ArcMap\Environmental\CN12\ERD Figures\GNH-CN12-EA-PER-0001-F4-13a.mxd



Black Cockatoo Trees (FVC) - Outside Development Footprint

- Hollow currently in Use
- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

Black Cockatoo Trees (FVC) - Within Development Footprint

- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

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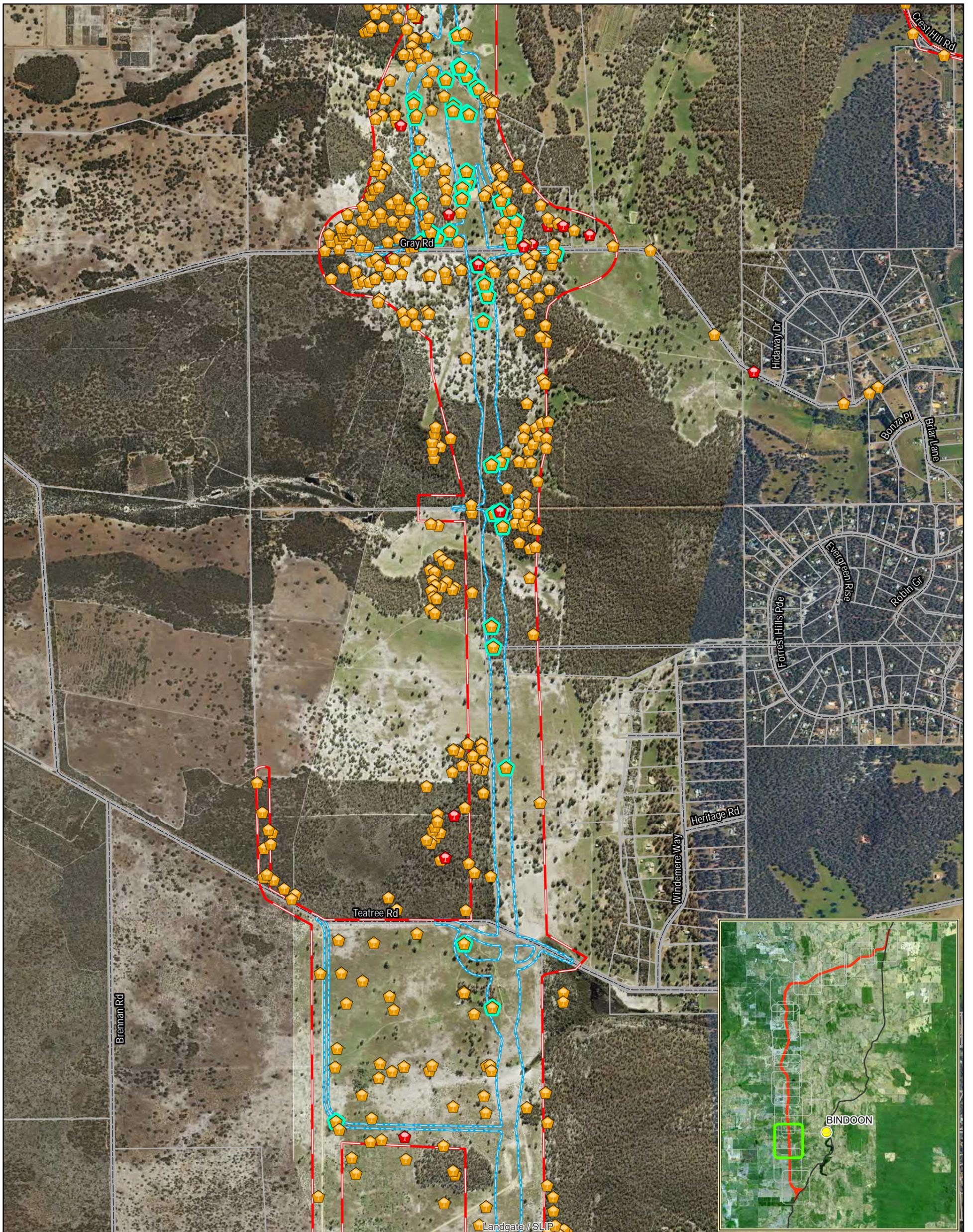
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Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 2 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue 2

Task No: ERD	Drawing Status / Other: Final		
Date: 30/10/2020	By: JR	Chkd: -	Appd: -

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Black Cockatoo Trees (FVC) - Outside Development Footprint

- Hollow currently in Use
- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

Black Cockatoo Trees (FVC) - Within Development Footprint

- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

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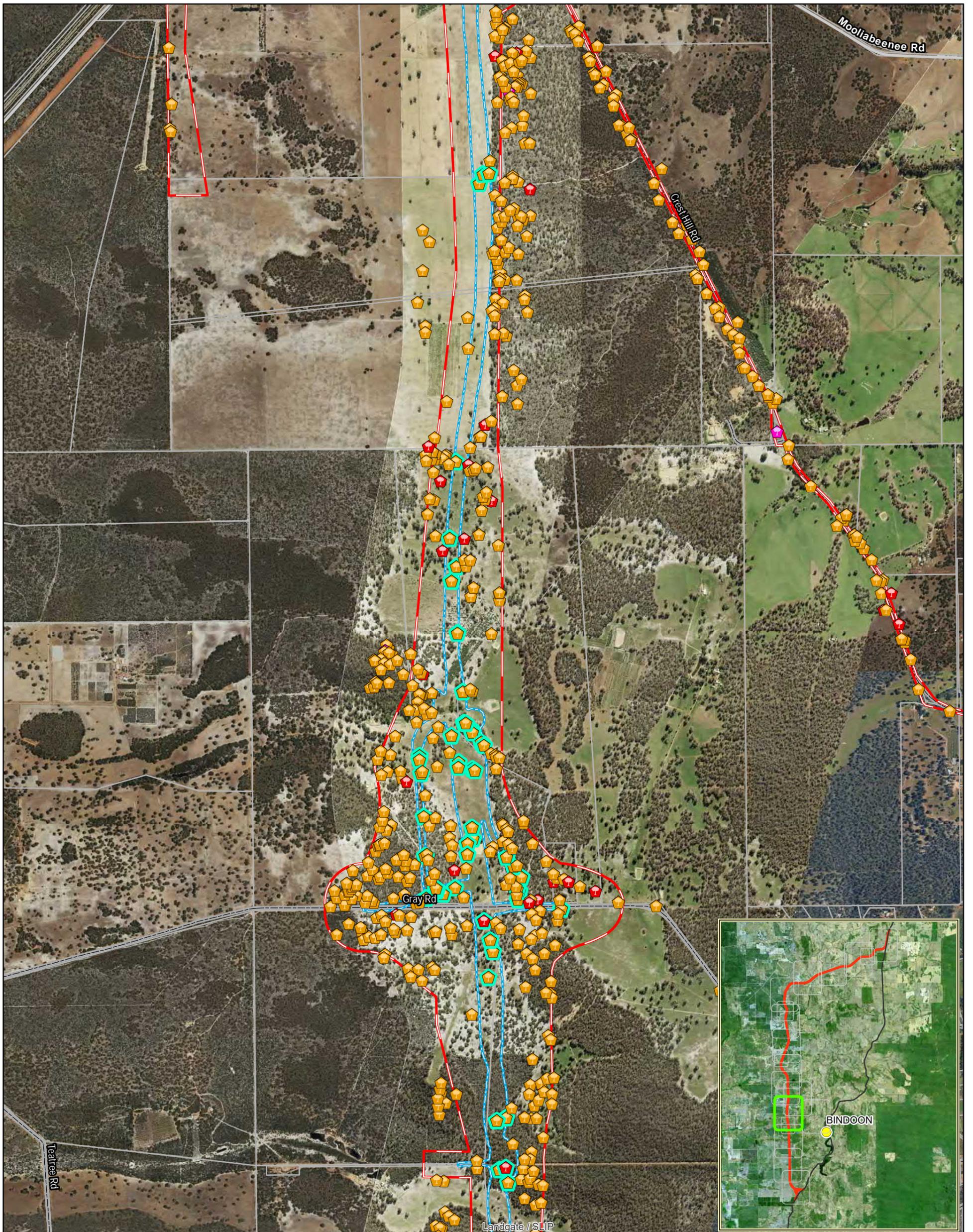
Black Cockatoo Habitat – Trees with Suitable or Used Hollows

Figure: 6 Page 3 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue 2

Task No: ERD	Drawing Status / Other: Final		
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Black Cockatoo Trees (FVC) - Outside Development Footprint

- Hollow currently in Use
- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

Black Cockatoo Trees (FVC) - Within Development Footprint

- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

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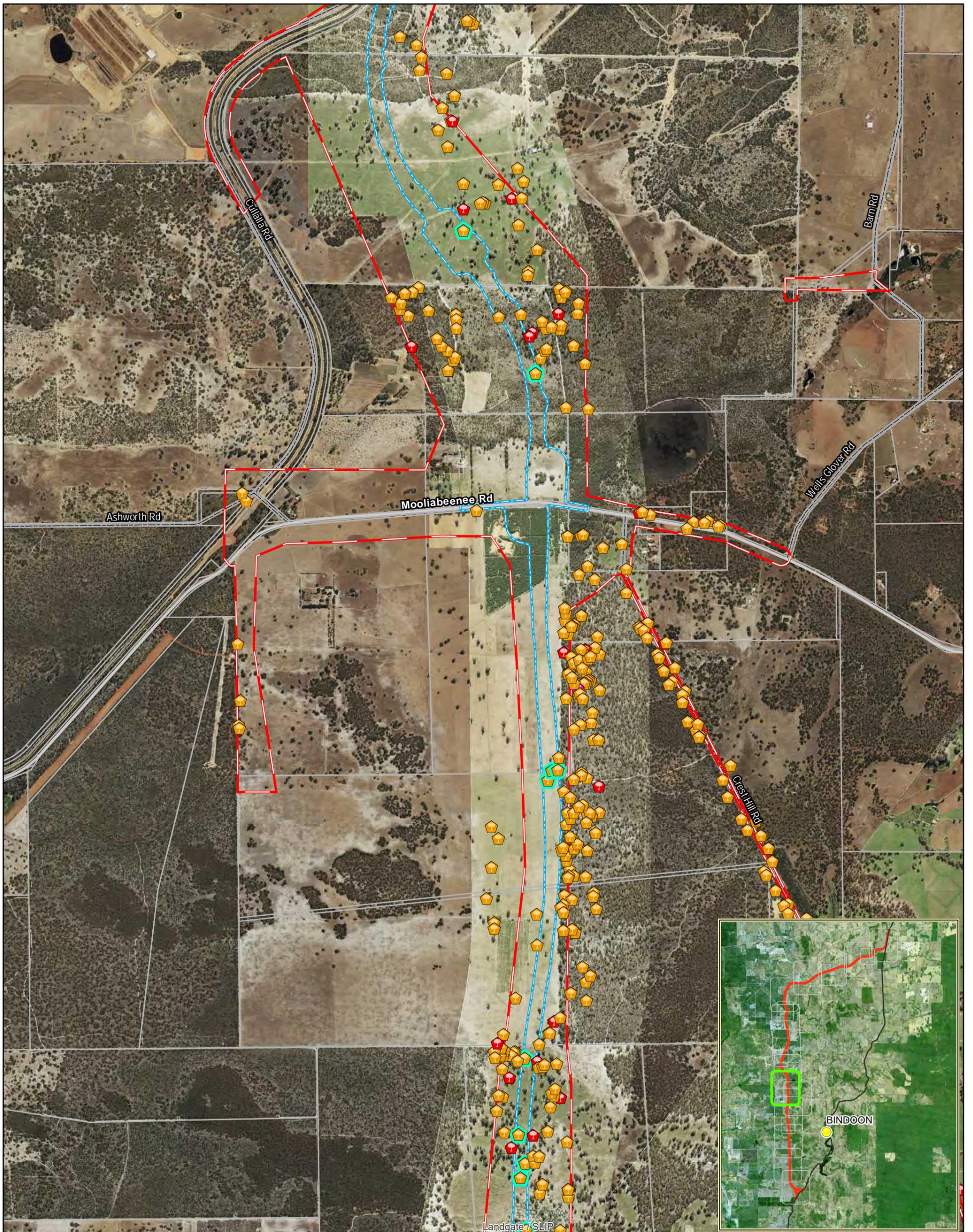
Black Cockatoo Habitat – Trees
with Suitable or Used Hollows

Figure: 6 Page 4 of 16

Drawing No: GNH-CN12-EA-PER-00001 Issue 2
- F4-13

Task No: ERD	Drawing Status / Other: Final		
Date: 30/10/2020	By: JR	Chkd: -	Appd: -

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Black Cockatoo Trees (FVC) - Outside Development Footprint

- Hollow currently in Use
- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

Black Cockatoo Trees (FVC) - Within Development Footprint

- Hollow with Evidence of Use (Previously Used Hollow)
- Suitable Hollow

- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
- Cadastral Boundary

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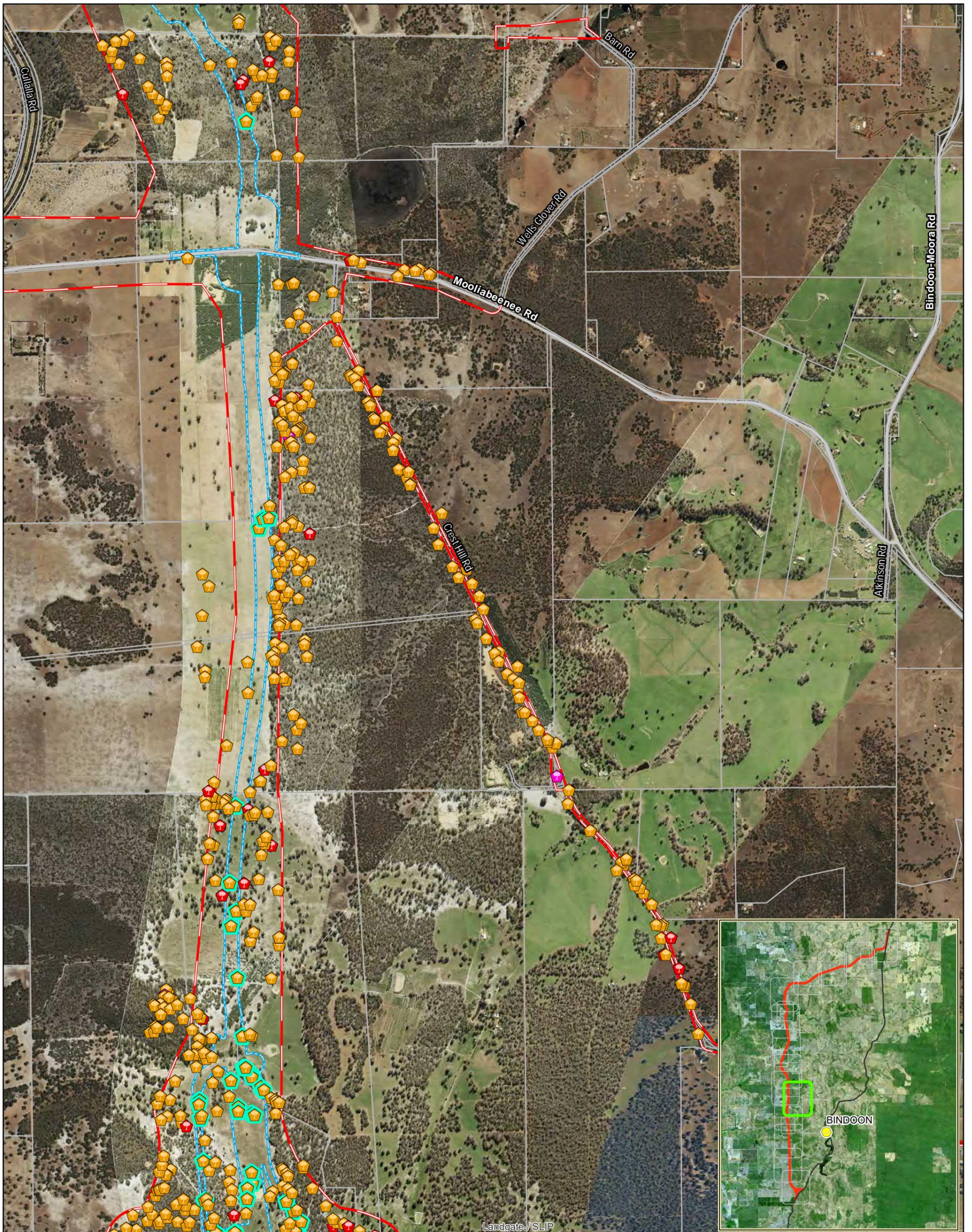
Black Cockatoo Habitat – Trees with Suitable or Used Hollows

Figure: 6 Page 5 of 16

Drawing No: **GNH-CN12-EA-PER-00001 - F4-13** Issue: **2**

Task No: ERD	Drawing Status / Other: Final		
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Landgate / SLIP

Black Cockatoo Trees (FVC) - Outside Development Footprint

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- Suitable Hollow

Black Cockatoo Trees (FVC) - Within Development Footprint

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- Development Envelope
- Development Footprint
- Highway
- Major Road
- Minor Road
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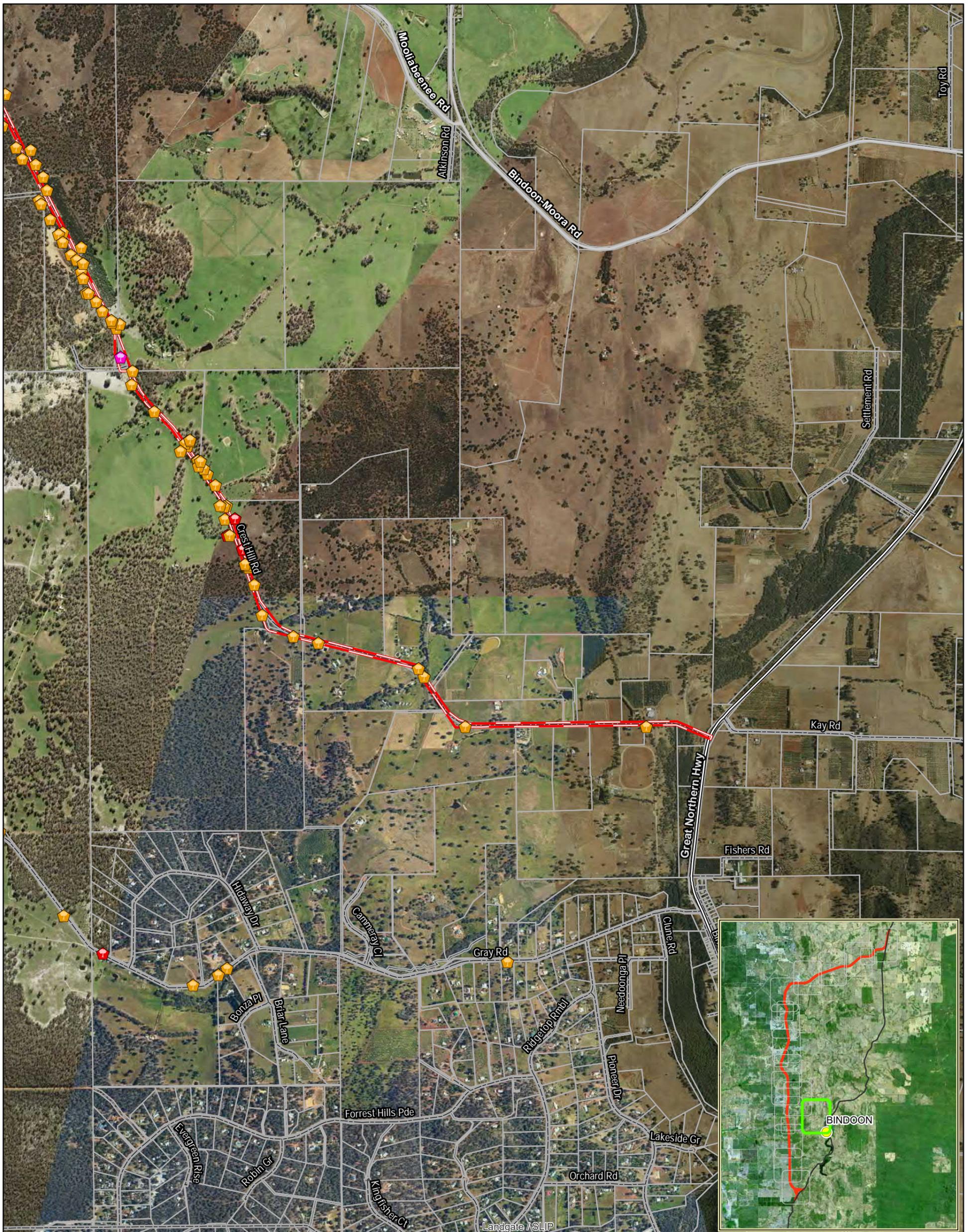
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Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 6 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue: 2

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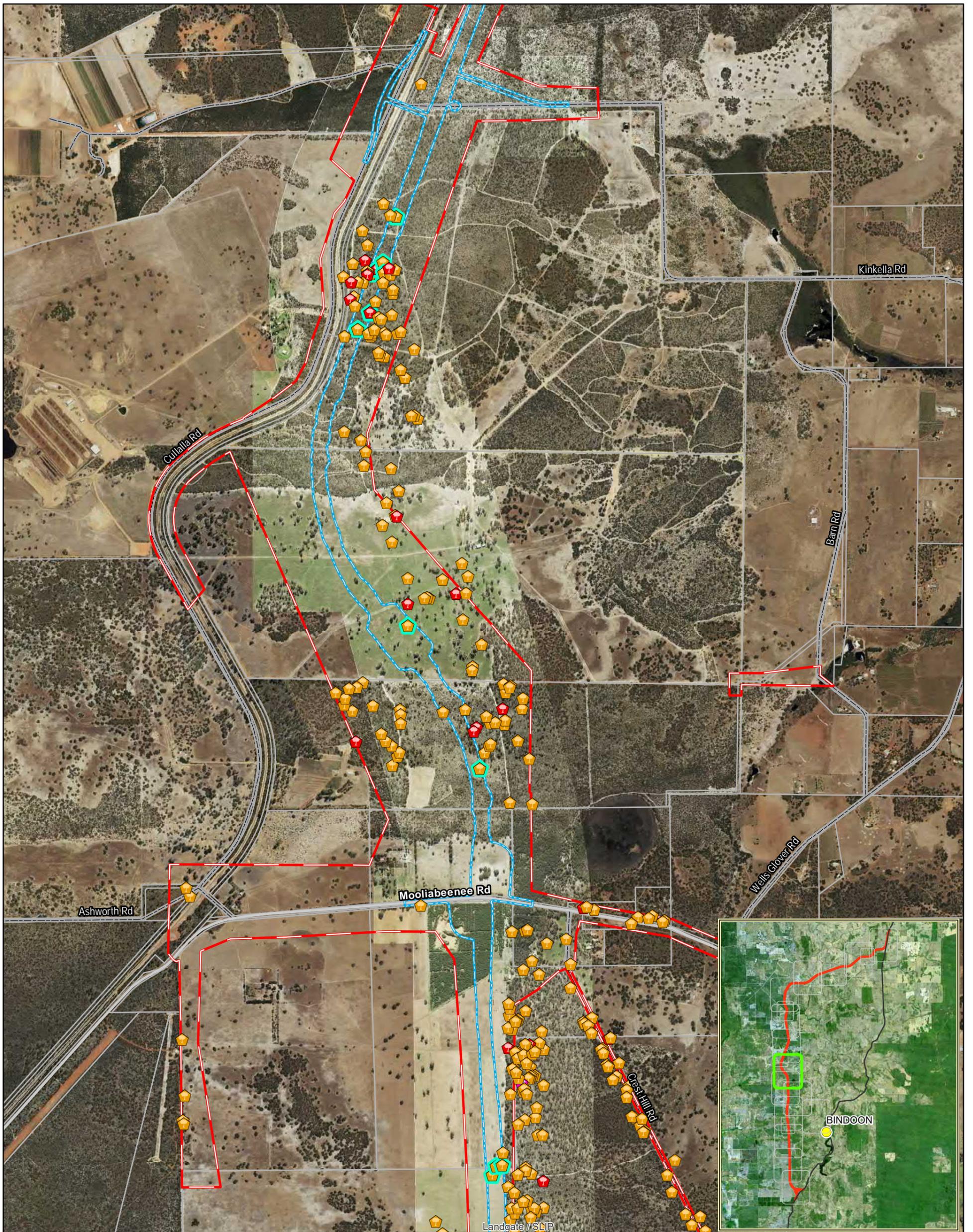
Black Cockatoo Habitat – Trees
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 Figure: 6 Page 7 of 16

Drawing No
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Drawing Status / Other
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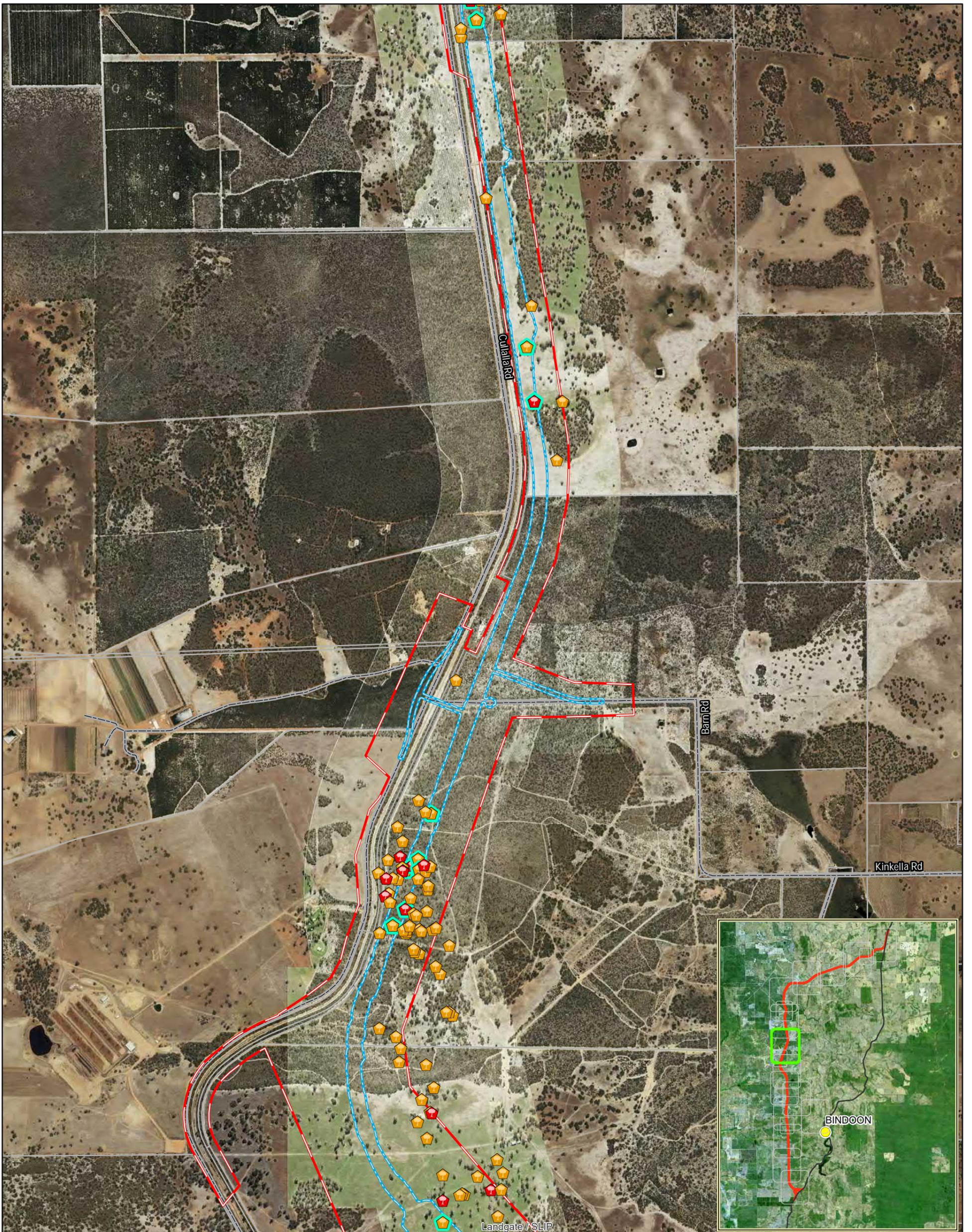
Black Cockatoo Habitat – Trees with Suitable or Used Hollows
 Figure: 6 Page 8 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue: 2

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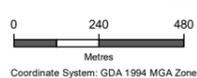


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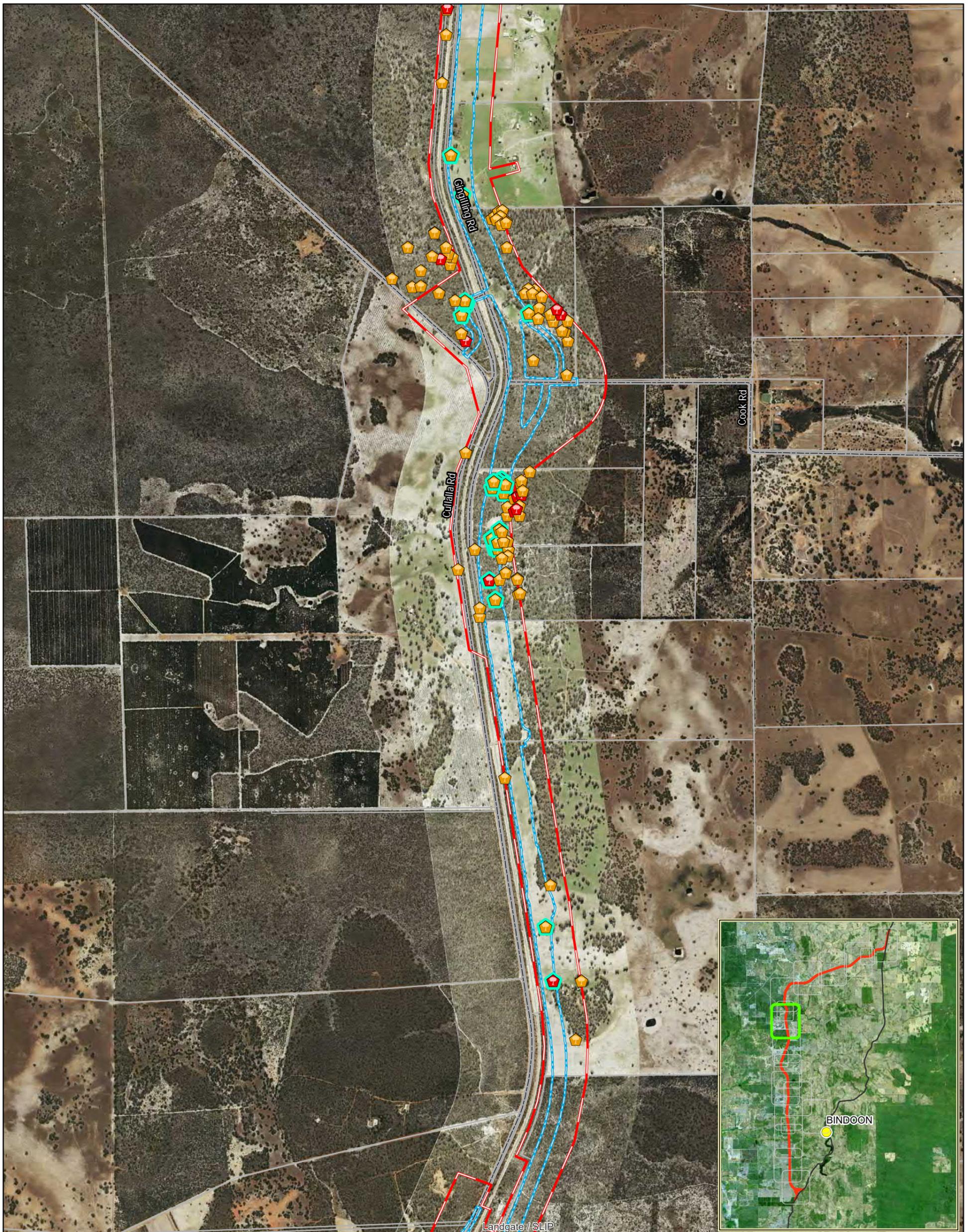
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Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 9 of 16

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North Arrow

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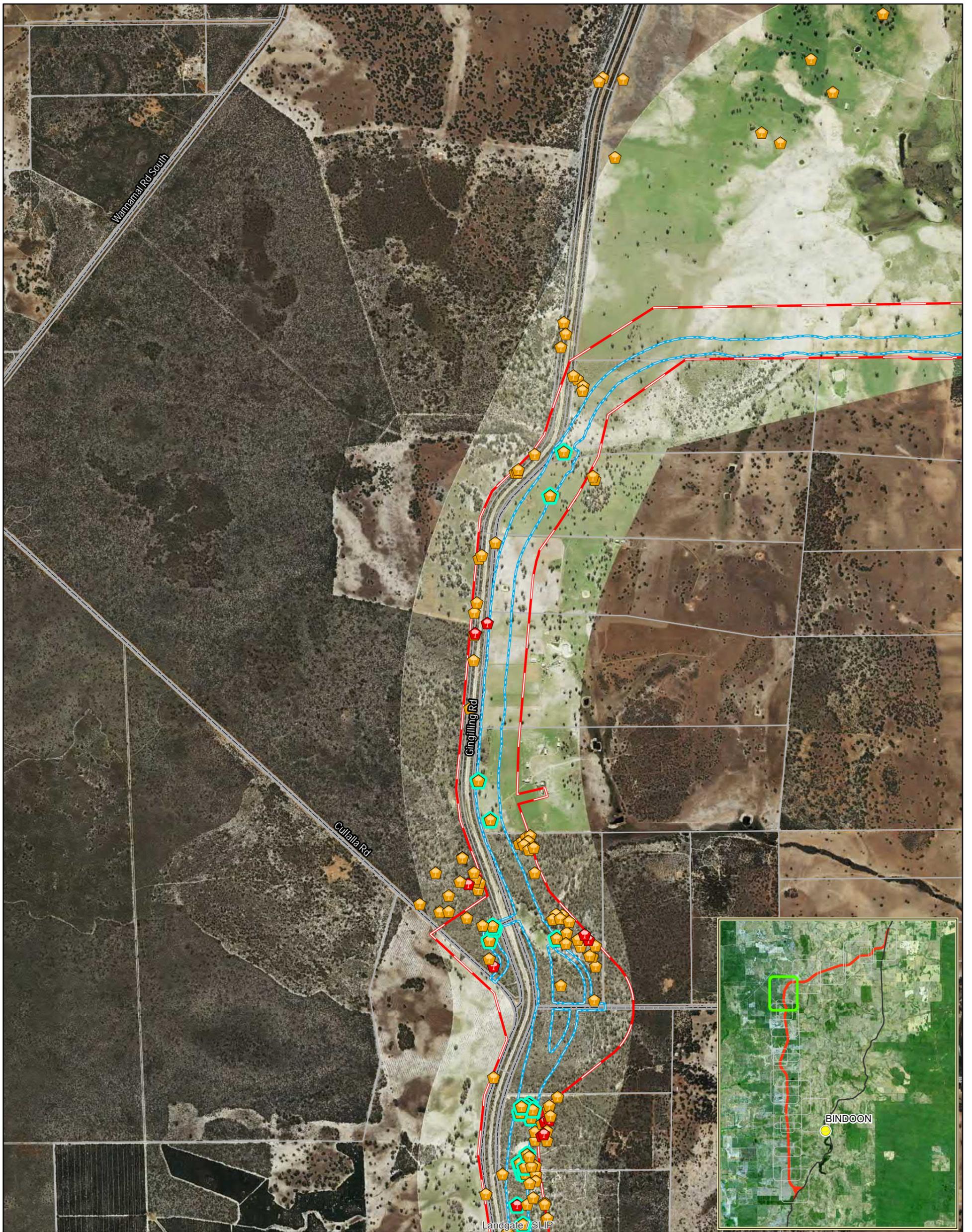
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Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 10 of 16

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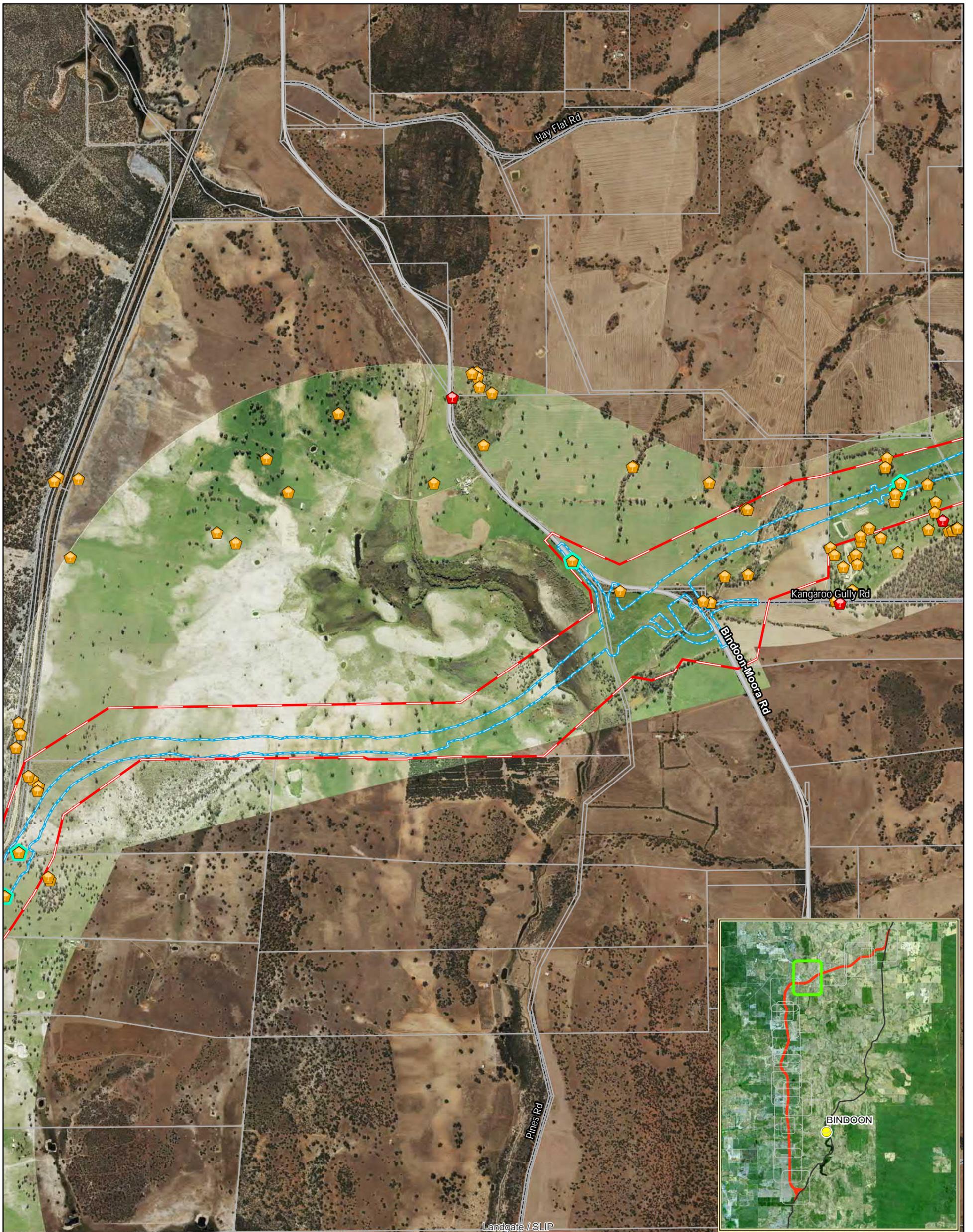
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Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 11 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue: 2

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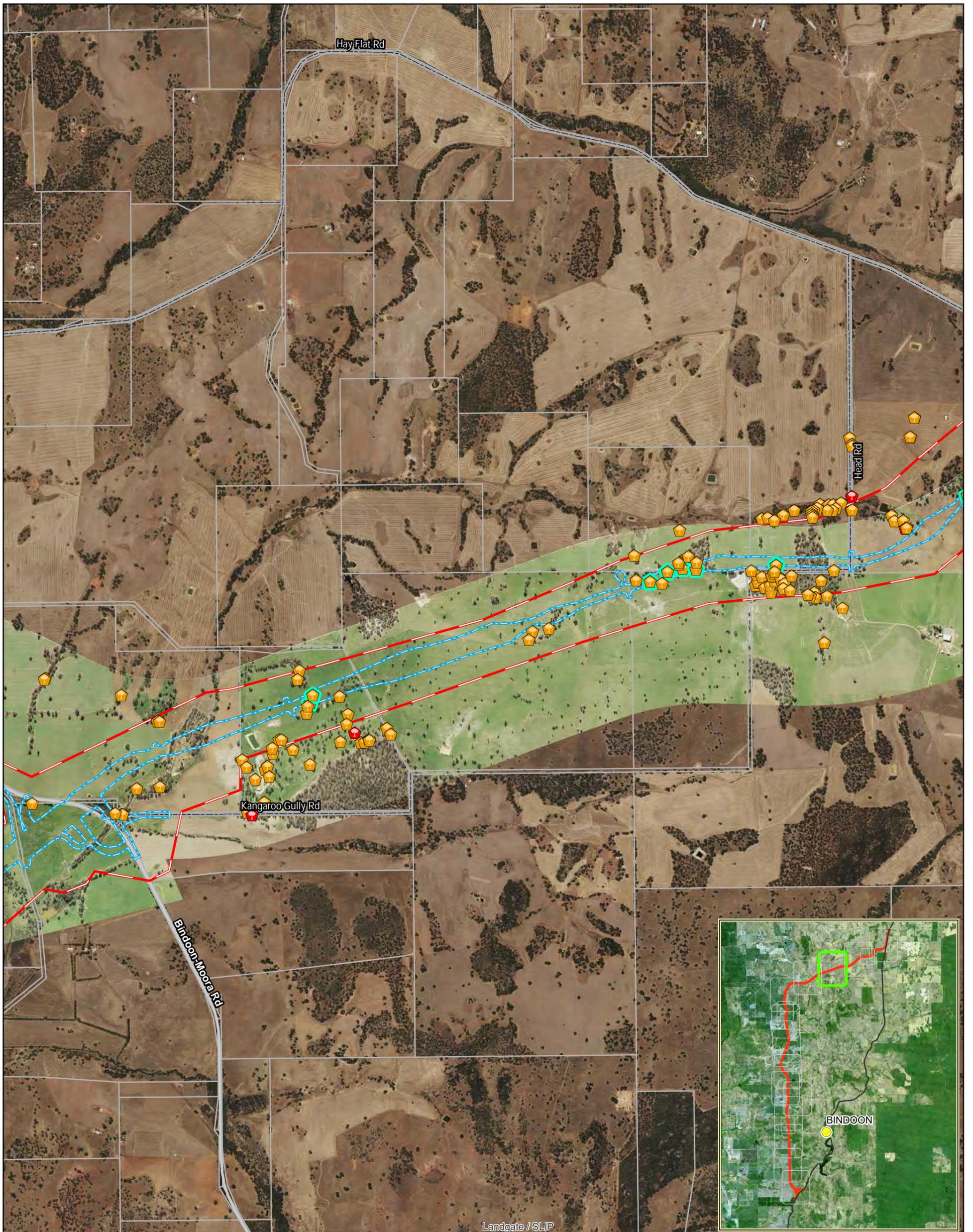
**Black Cockatoo Habitat – Trees
with Suitable or Used Hollows**

Figure: 6 Page 12 of 16

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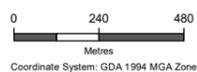


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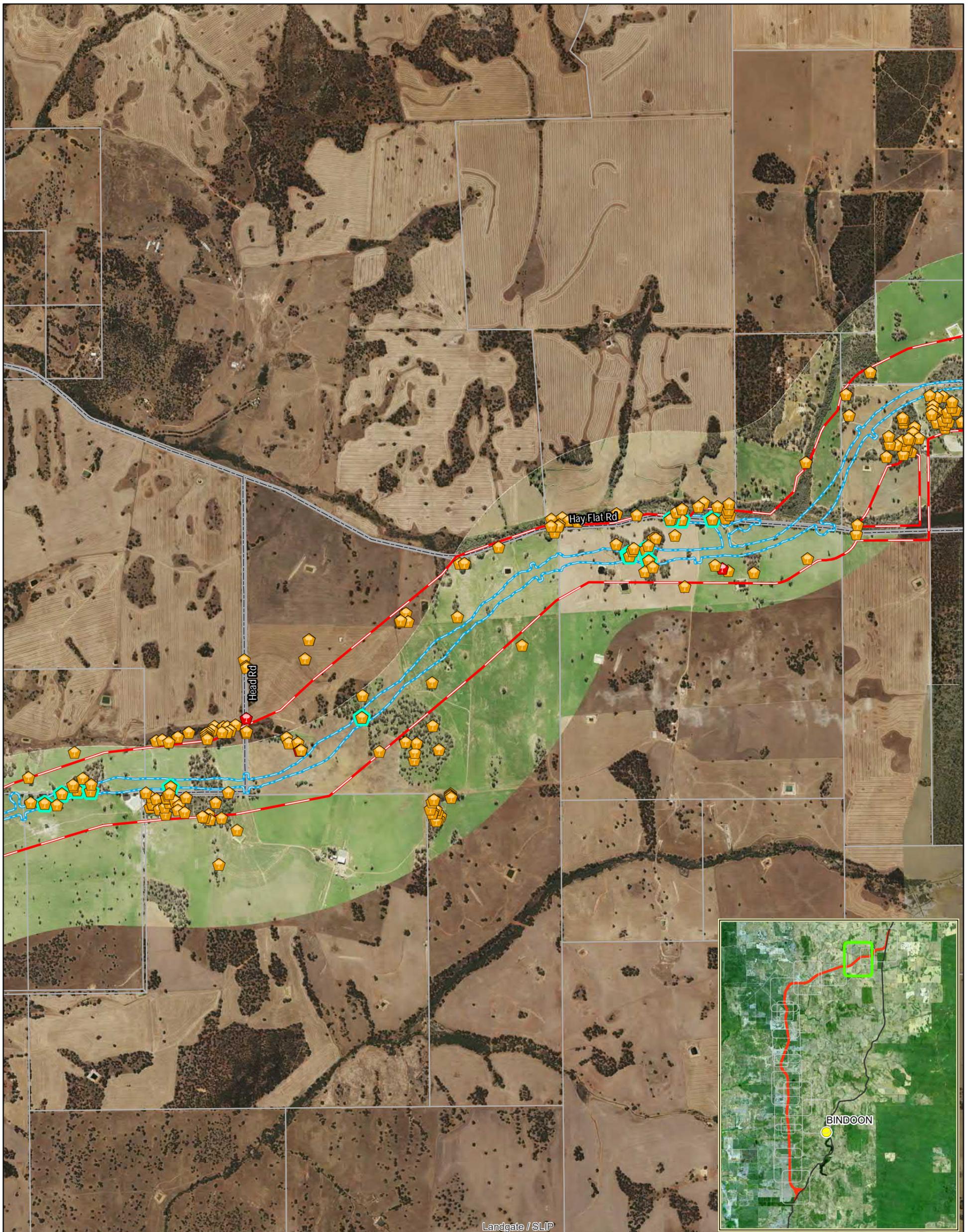
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Black Cockatoo Habitat – Trees with Suitable or Used Hollows
Figure: 6 Page 13 of 16

Drawing No: GNH-CN12-EA-PER-00001 - F4-13 Issue: 2

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Black Cockatoo Habitat – Trees
 with Suitable or Used Hollows
 Figure: 6 Page 14 of 16

Drawing No
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Black Cockatoo Habitat – Trees
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 Figure: 6 Page 15 of 16

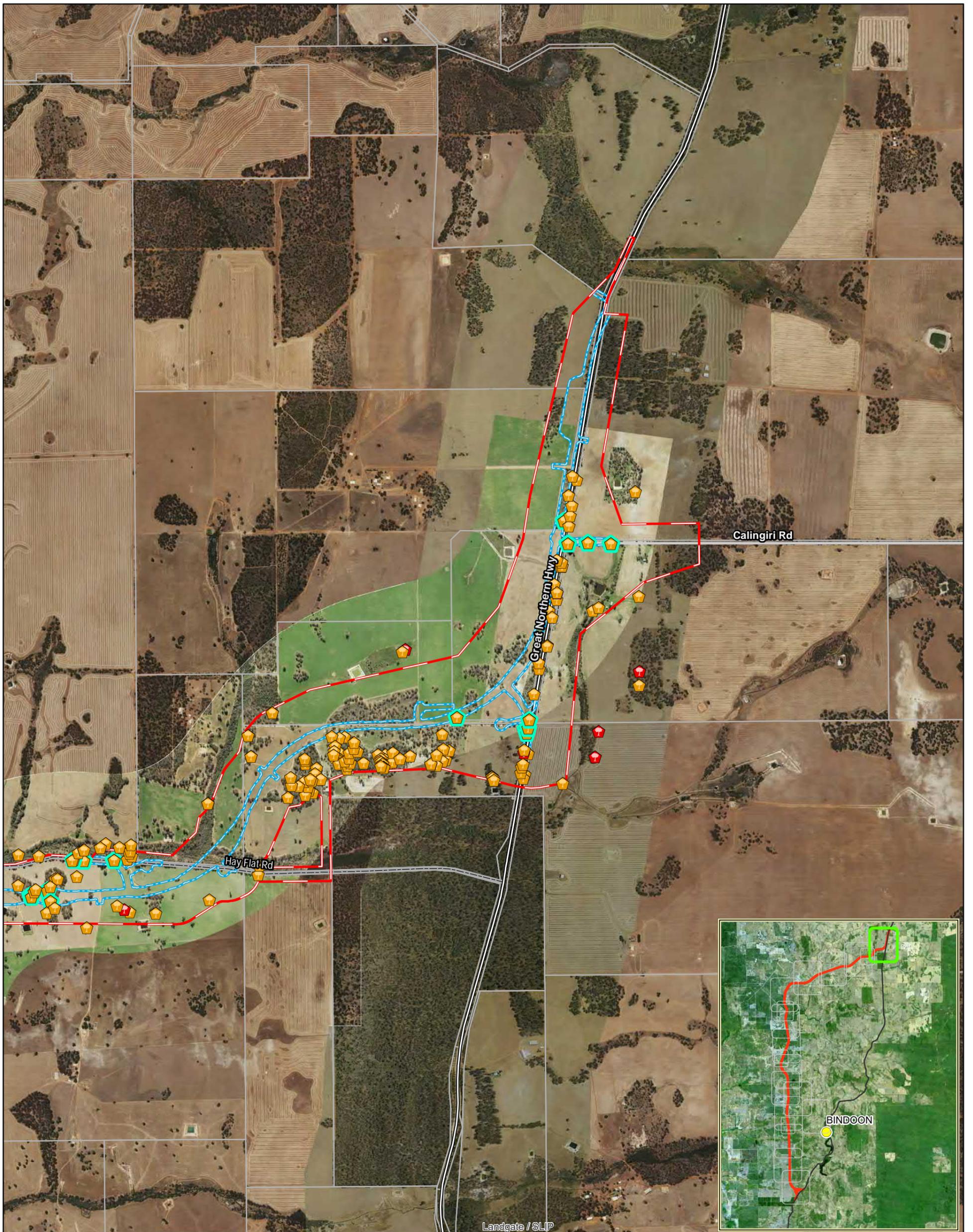
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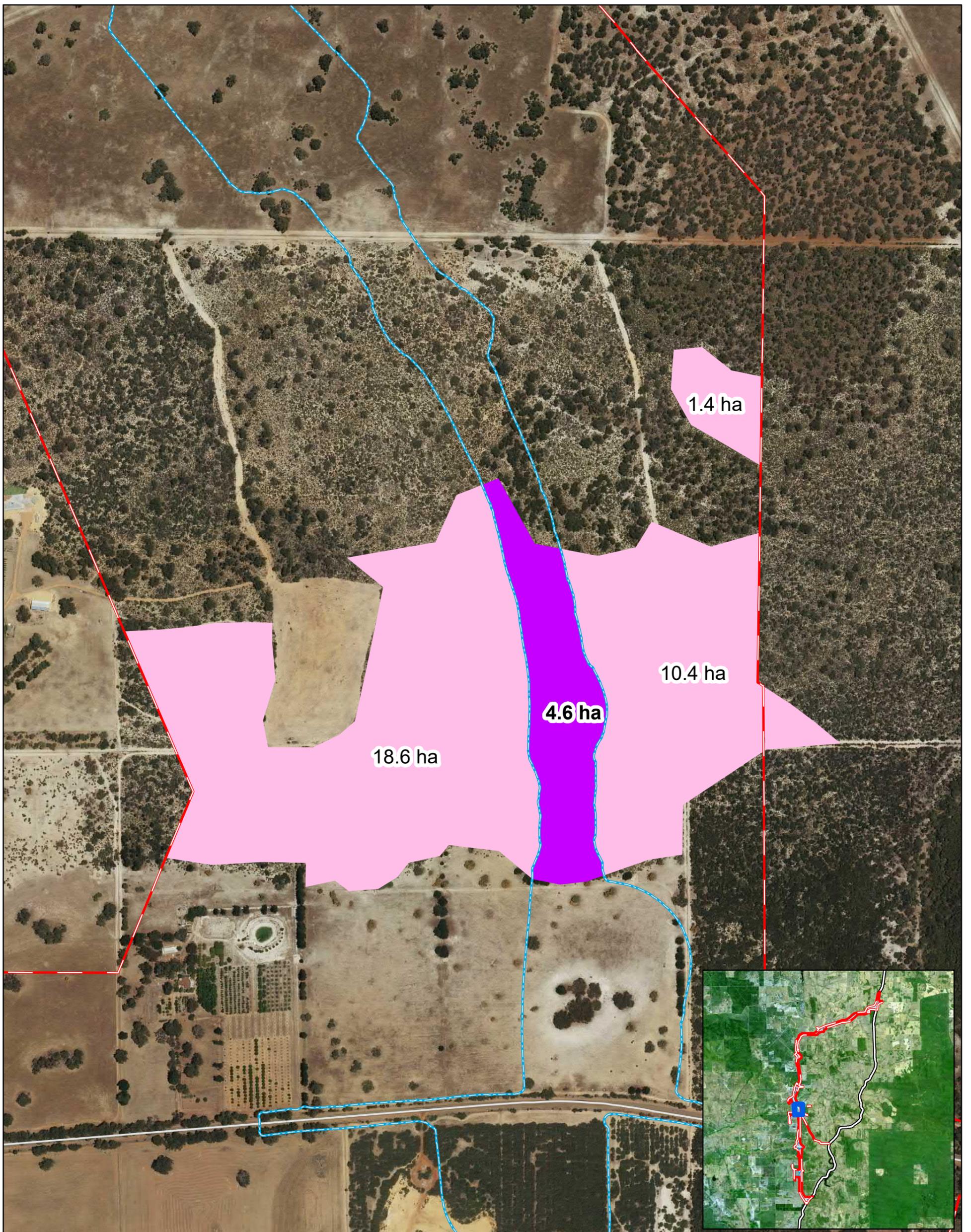
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 Figure: 6 Page 16 of 16

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Legend
 Development Envelope
 Disturbance Footprint

Gingin-Wax Suitable Habitat: Extent of Clearing
 Gingin-Wax Suitable Habitat

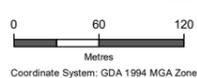
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Figure 7: Potential Habitat for Gingin Wax

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Task No: **GNH-XXXX** Drawing Status / Other: **Draft / Other Info**

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