

**Legend**

- Proposed Bindoon Bypass Centreline
- Noise Sensitive Receivers

**Predicted Day Time Noise Level including Facade Correction**

- <55 dBA
- 55-60 dBA
- >60 dBA

Data Source: Main Roads WA, Landgate

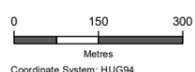


Joint Venture Partners:

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Scale at A3  
1:12,563

Coordinate System: HUG94



Main Roads Western Australia

Great Northern Highway  
Muchea to Wubin Upgrade Stage 2

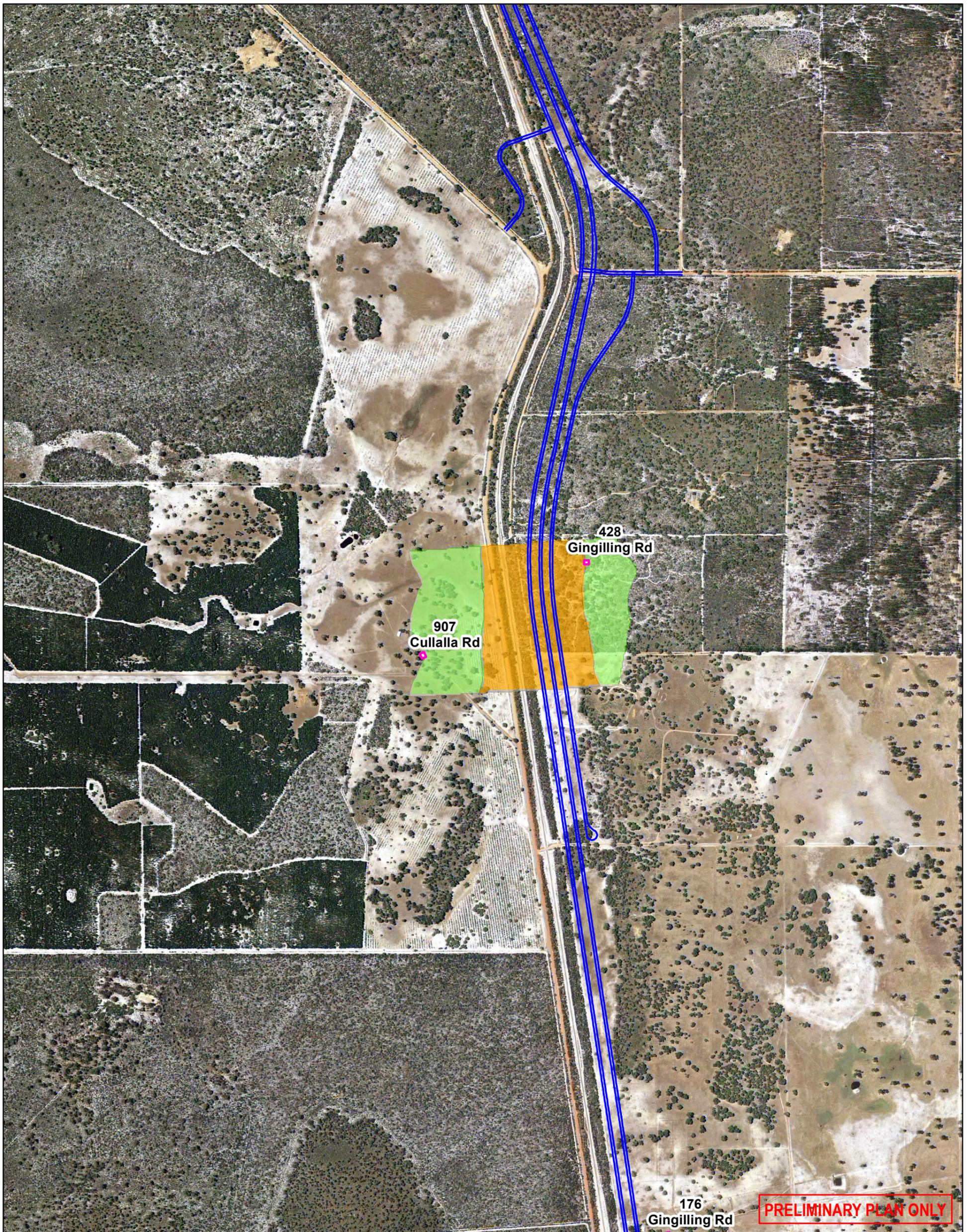
**Predicted Day Time Traffic  
Noise Level along  
Proposed Bindoon Bypass**

Drawing No: GNH-CN12-EN01-DRG-9108 Issue A

Task No: Noise Assessment Drawing Status / Other: Draft / Other Info

Date	By	Chkd	Appd
10/08/2018	MFR	FB	LMB

PRELIMINARY PLAN ONLY



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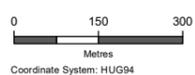
Data Source: Main Roads WA, Landgate



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Main Roads Western Australia

Great Northern Highway  
 Muchea to Wubin Upgrade Stage 2

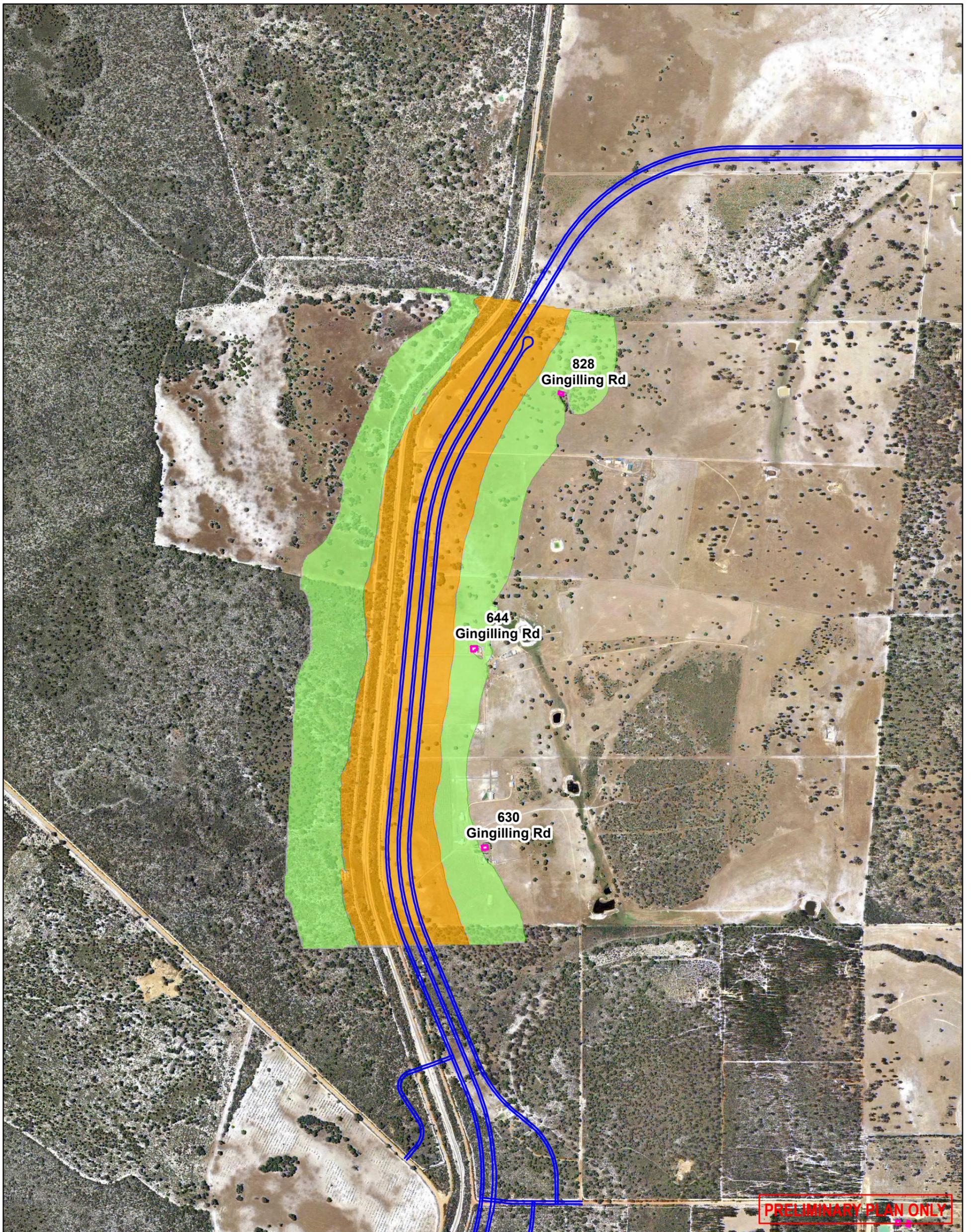
**PRELIMINARY PLAN ONLY**

**Predicted Day Time Traffic Noise Level along Proposed Bindoon Bypass**

Drawing No: GNH-CN12-EN01-DRG-9109 Issue: A

Task No: Noise Assessment Drawing Status / Other: Draft / Other Info

Date	By	Chkd	Appd
10/08/2018	MFR	FB	LMB



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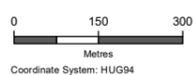


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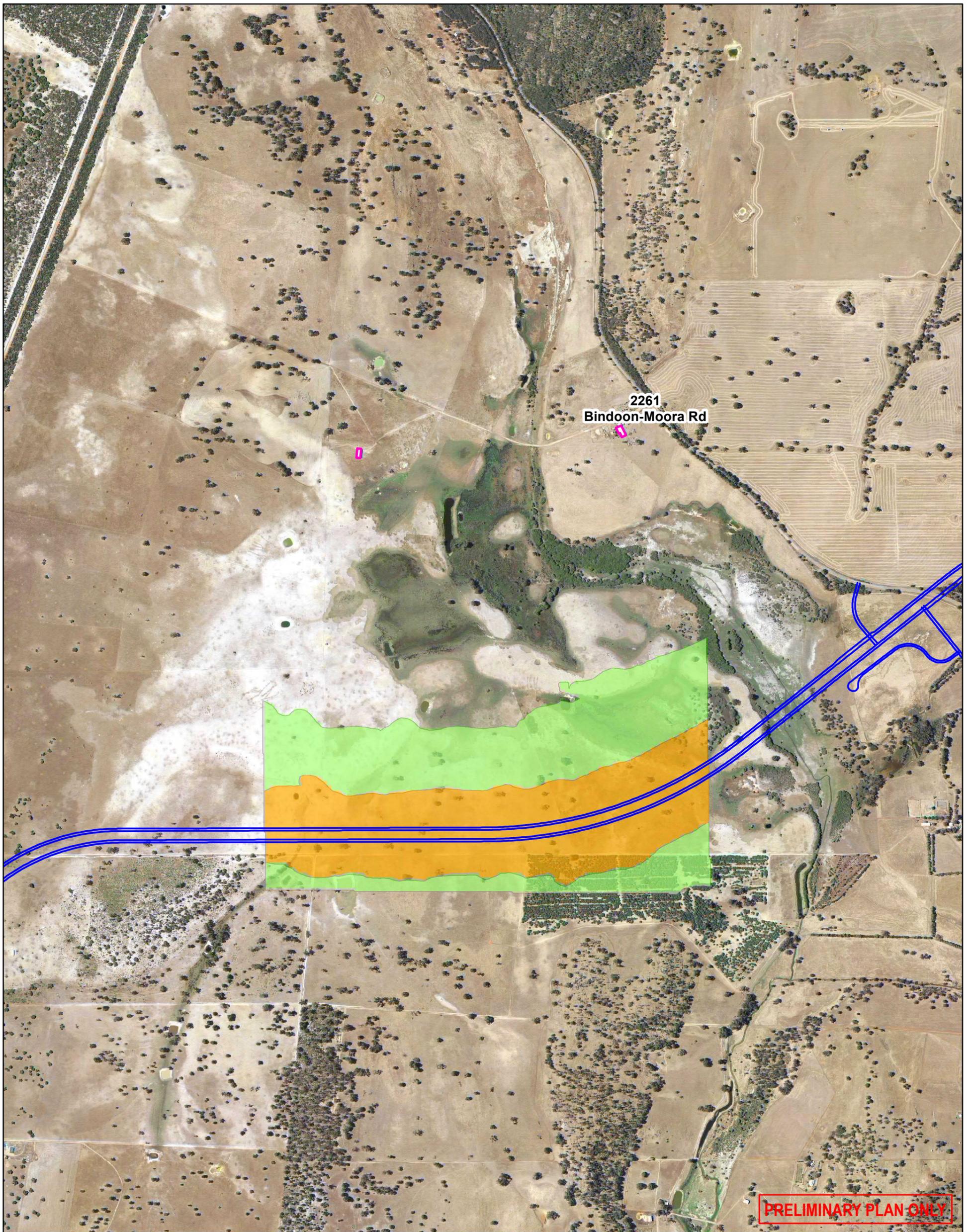
Great Northern Highway  
Muchea to Wubin Upgrade Stage 2

**Predicted Day Time Traffic  
Noise Level along  
Proposed Bindoon Bypass**

Drawing No: GNH-CN12-EN01-DRG-9110 Issue: A

Task No: Noise Assessment Drawing Status / Other: Draft / Other Info

Date	By	Chkd	Appd
10/08/2018	MFR	FB	LMB



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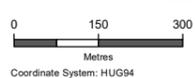


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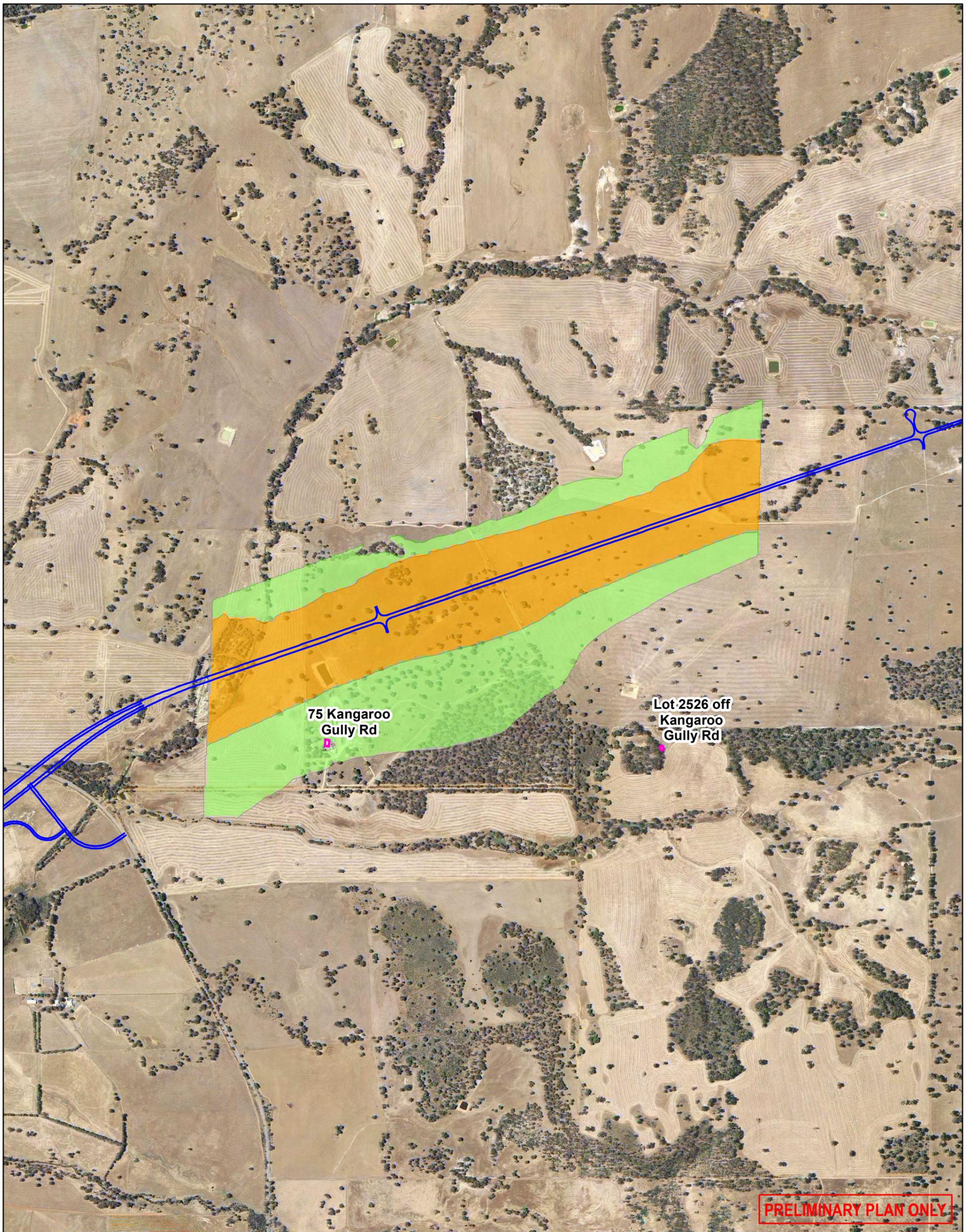
Great Northern Highway  
Muchea to Wubin Upgrade Stage 2

**Predicted Day Time Traffic  
Noise Level along  
Proposed Bindoon Bypass**

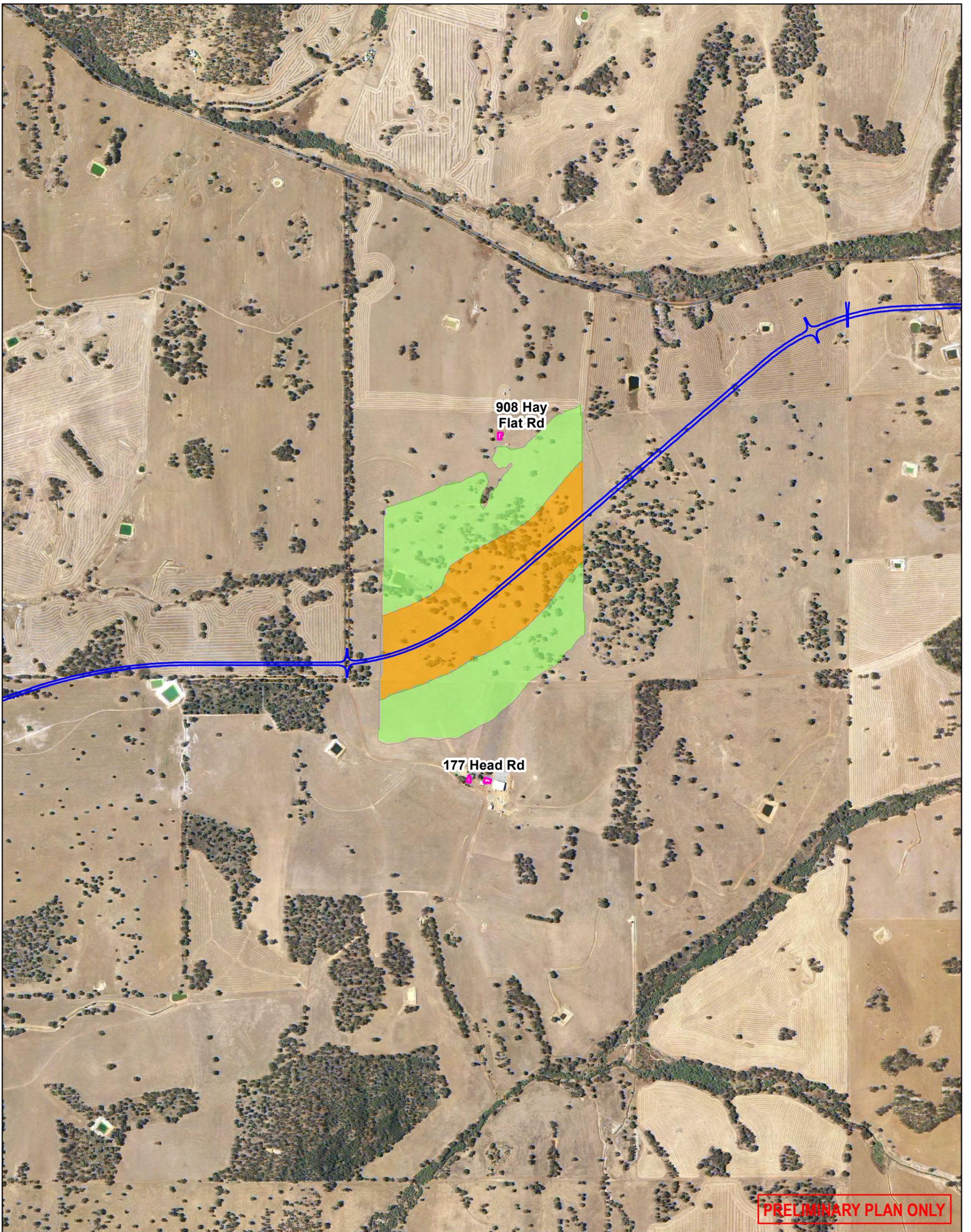
Drawing No: GNH-CN12-EN01-DRG-9111 Issue: A

Task No: Noise Assessment Drawing Status / Other: Draft / Other Info

Date	By	Chkd	Appd
10/08/2018	MFR	FB	LMB



<p><b>Legend</b></p> <p>— Proposed Bindoon Bypass Centreline</p> <p>□ Noise Sensitive Receivers</p> <p><b>Predicted Day Time Noise Level including Facade Correction</b></p> <p>&lt;55 dBA</p> <p>55-60 dBA</p> <p>&gt;60 dBA</p> <p>Data Source: Main Roads WA, Landgate</p>	<p>Joint Venture Partners:</p> <p>Arup 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</p> <p>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</p> <p>© Main Roads Western Australia</p> <p>0 150 300 Metres</p> <p>Scale at A3 1:12,563</p> <p>Coordinate System: HUG94</p>	<p>mainroads WESTERN AUSTRALIA</p> <p>ARUP TRADING AS ASJV JACOBS</p> <p>GNH</p> <p>Main Roads Western Australia</p> <p>Client Project</p> <p>Great Northern Highway Muecha to Wubin Upgrade Stage 2</p>	<p><b>Predicted Day Time Traffic Noise Level along Proposed Bindoon Bypass</b></p> <p>Drawing No: GNH-CN12-EN01-DRG-9112 Issue A</p> <p>Task No: Noise Assessment Drawing Status / Other: Draft / Other Info</p> <table border="1"> <tr> <td>Date</td> <td>By</td> <td>Chkd</td> <td>Appd</td> </tr> <tr> <td>10/08/2018</td> <td>MFR</td> <td>FB</td> <td>LMB</td> </tr> </table>	Date	By	Chkd	Appd	10/08/2018	MFR	FB	LMB
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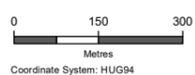


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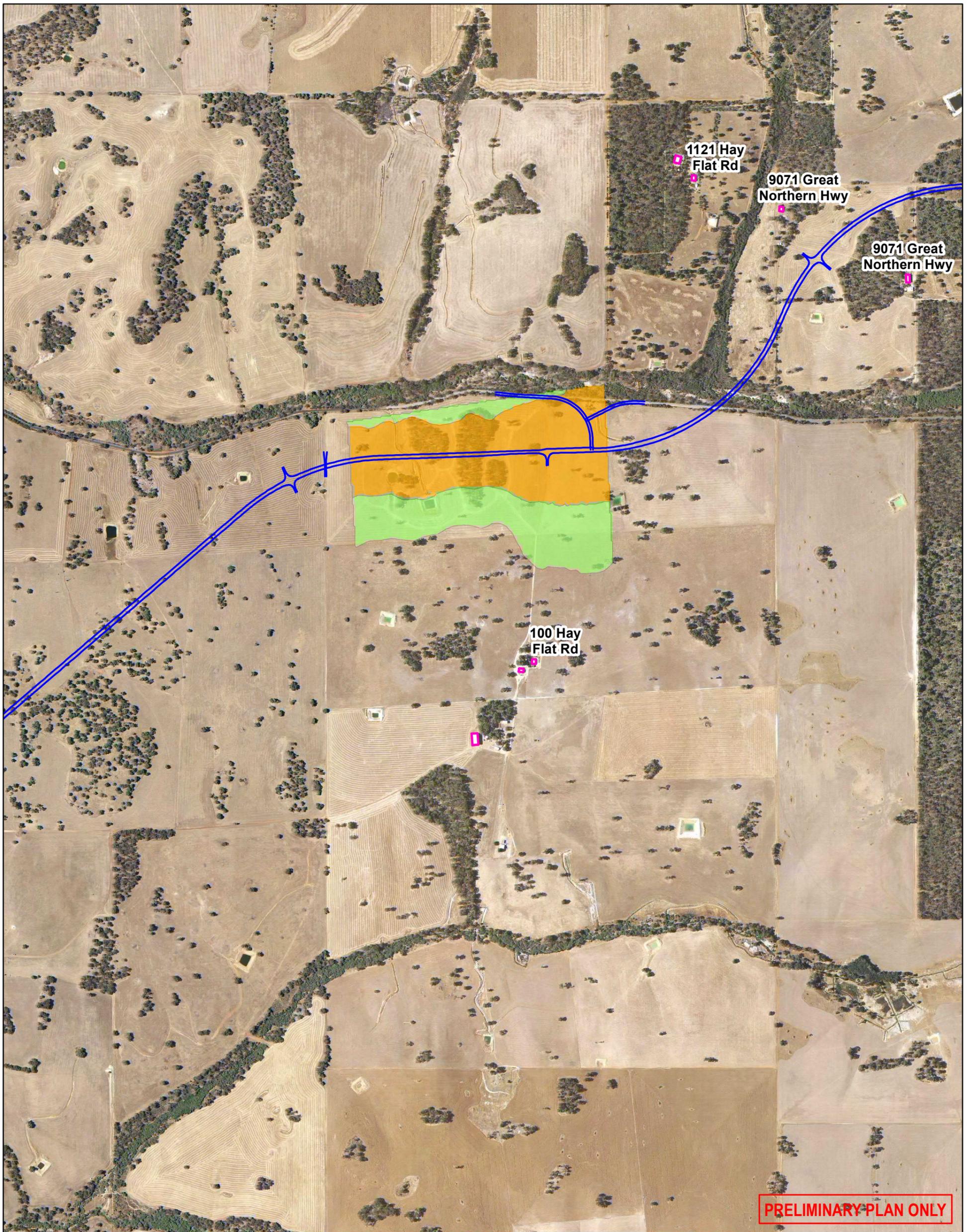
Great Northern Highway  
Muchoa to Wubin Upgrade Stage 2

**Predicted Day Time Traffic Noise Level along Proposed Bindoon Bypass**

Drawing No: GNH-CN12-EN01-DRG-9113 Issue A

Task No: Noise Assessment Drawing Status / Other: Draft / Other Info

Date	By	Chkd	Appd
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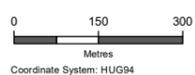


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Main Roads Western Australia

Client Project

Great Northern Highway  
Muchea to Wubin Upgrade Stage 2

**Predicted Day Time Traffic Noise Level along Proposed Bindoon Bypass**

Drawing No: GNH-CN12-EN01-DRG-9114 Issue A

Task No: Noise Assessment Drawing Status / Other: Draft / Other Info

Date	By	Chkd	Appd
10/08/2018	MFR	FB	LMB