

PRELIMINARY PLAN ONLY

- Legend**
- Straight Line Kilometre Marker (1km)
 - Town
 - Muchea North Alignment
 - Existing GNH Alignment
 - Freeway / Highway
 - Minor Road

- NVCP Application Area
- Banksia Woodland TEC (Muchea North, 18/01/2017)
- TEC Boundary
- TEC Boundary - 50m buffer



0 125 250
Metres

Scale at A3
1:10,500

Coordinate System: GDA 1994 MGA Zone 50

Joint Venture Partners:

Arup Pty Ltd
Level 14 Exchange Tower
2 The Esplanade
Perth WA 6000
Tel +61 8 9327 8300 Fax +61 8 9481 1334
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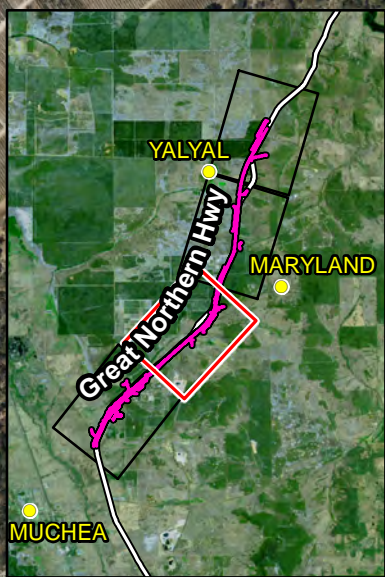
**Great Northern Highway
Muchea to Wubin Upgrade Stage 2**

**Threatened Ecological
Communities
Map 2 of 4**

Drawing No GNH-CN03-EN01-GIS-0043		Issue B	
Task No GNH-1329	Drawing Status / Other Draft		
Date 11/04/2017	By SR	Chkd CG	Appd XX

Data Source: Main Roads WA, Landgate

MXD Location: \\jacobs.com\PER\Projects\BIP\Projects\BIP0732\Technical\GIS\EnvMap\Environmental\CN03\GNH-CN03-EN01-GIS-0043-B.mxd

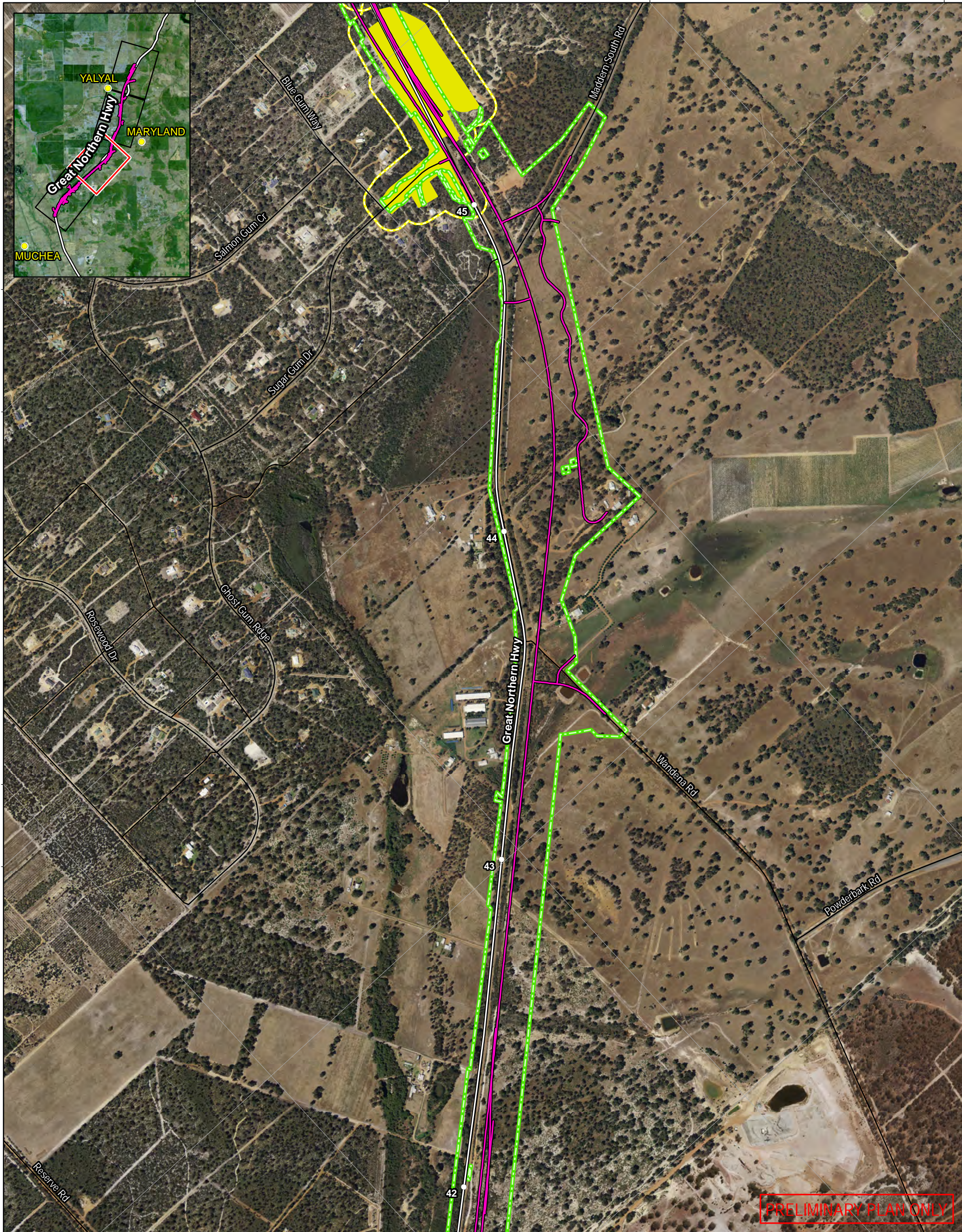


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Client Project
**Great Northern Highway
Muchea to Wubin Upgrade Stage 2**

**Threatened Ecological
Communities
Map 3 of 4**

Drawing No
GNH-CN03-EN01-GIS-0043

Issue
B

Task No
GNH-1329

Drawing Status / Other
Draft

Date	By	Chkd	Appd
11/04/2017	SR	CG	XX



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Data Source: Main Roads WA, Landgate

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**Great Northern Highway
Muchea to Wubin Upgrade Stage 2**

**Threatened Ecological Communities
Map 4 of 4**

Drawing No: **GNH-CN03-EN01-GIS-0043** Issue: **B**

Task No: **GNH-1329** Drawing Status / Other: **Draft**

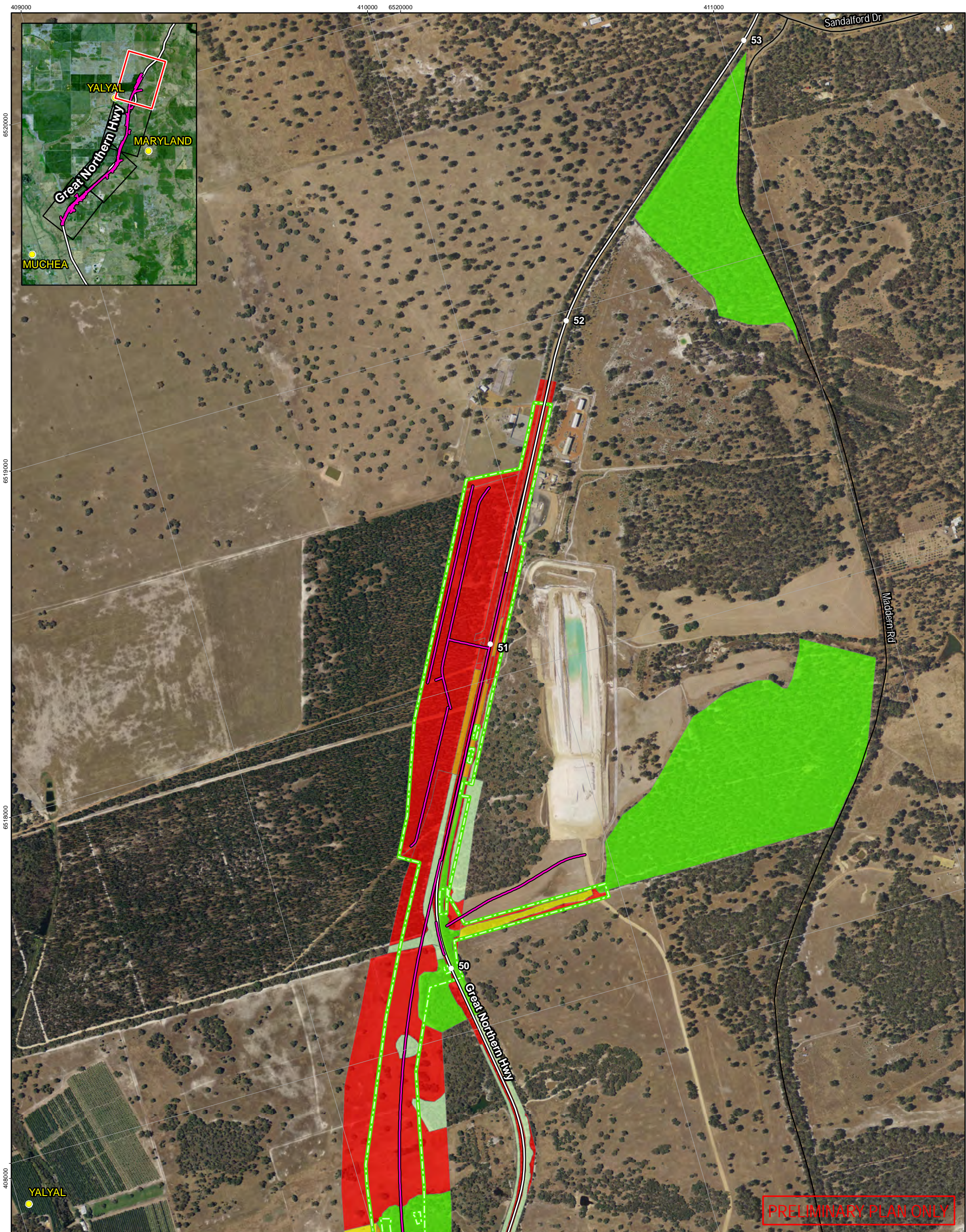
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Figure 5 : Vegetation Condition

[refer to GNH-CN03-EN01-GIS-0041]

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- Legend**
- Straight Line Kilometre Marker (1km)
 - Town
 - Muchea North Alignment
 - Existing GNH Alignment
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 - Minor Road

- NVCP Application Area**
- Vegetation Condition (Phoenix, 15/02/2017)**
- Completely Degraded
 - Degraded
 - Good
 - Very Good
 - Excellent

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2 The Esplanade
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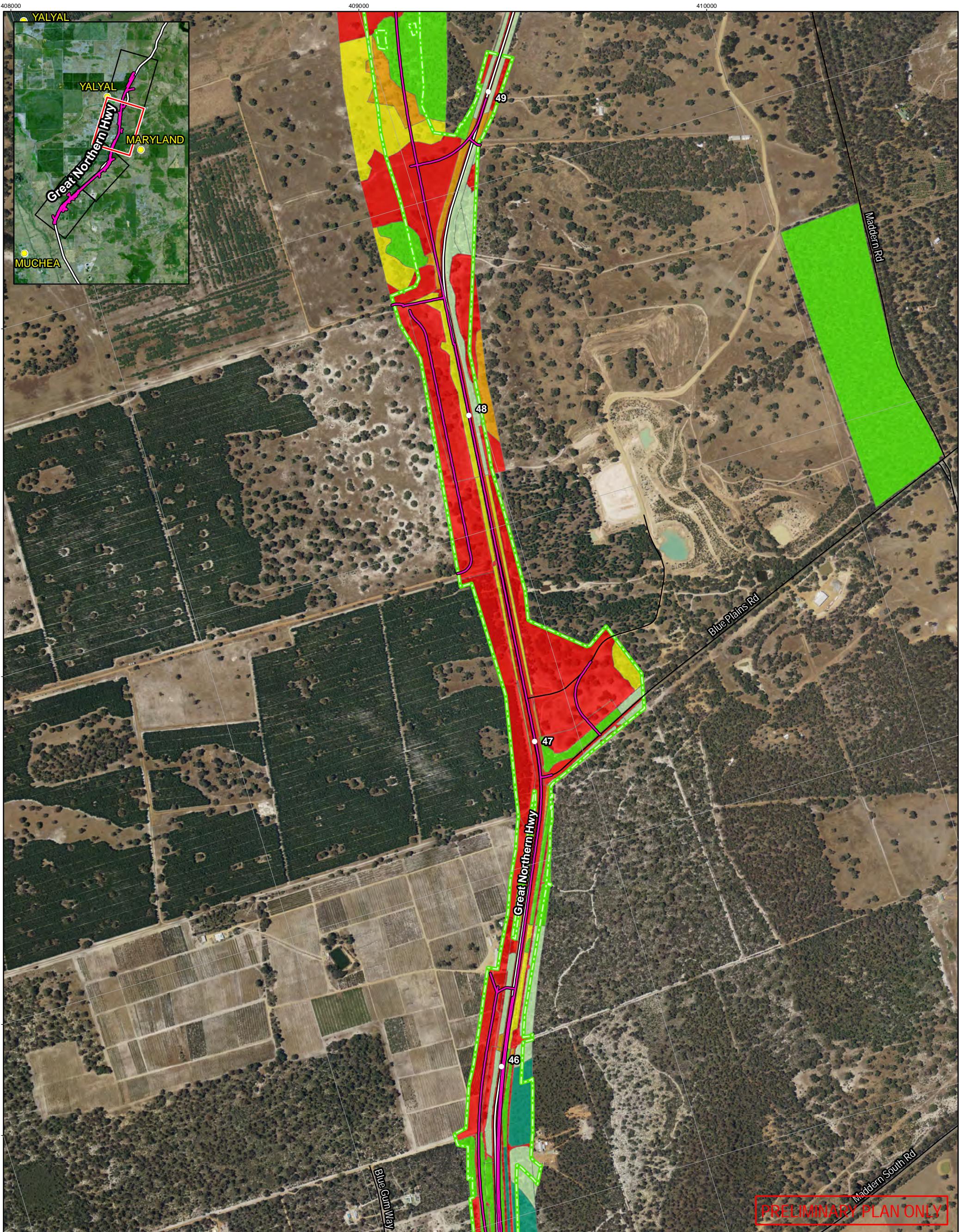
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Project

**Great Northern Highway
Muchea to Wubin Upgrade Stage 2**

**Vegetation Condition
Map 1 of 4**

Drawing No GNH-CN03-EN01-GIS-0041	Issue B		
Task No GNH-1329	Drawing Status / Other Draft		
Date 11/04/2017	By SR	Chkd CG	Appd XX

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 - Freeway / Highway
 - Minor Road
 - ▭ NVCP Application Area
 - Vegetation Condition (Phoenix, 15/02/2017)
 - Completely Degraded
 - Degraded
 - Good
 - Very Good
 - Excellent
 - Pristine

Data Source: Main Roads WA, Landgate

North Arrow

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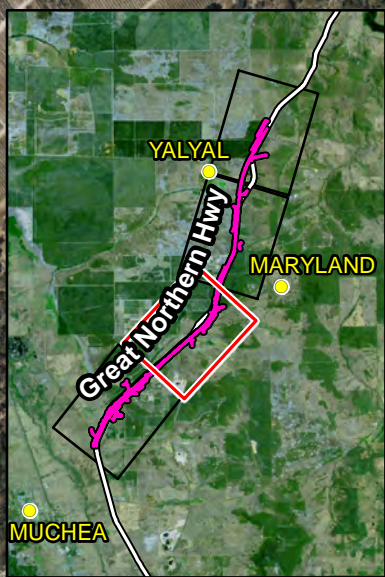
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Client: **Great Northern Highway Muchea to Wubin Upgrade Stage 2**

Vegetation Condition Map 2 of 4

Drawing No GNH-CN03-EN01-GIS-0041		Issue B	
Task No GNH-1329	Drawing Status / Other Draft		
Date 11/04/2017	By SR	Chkd CG	Appd XX

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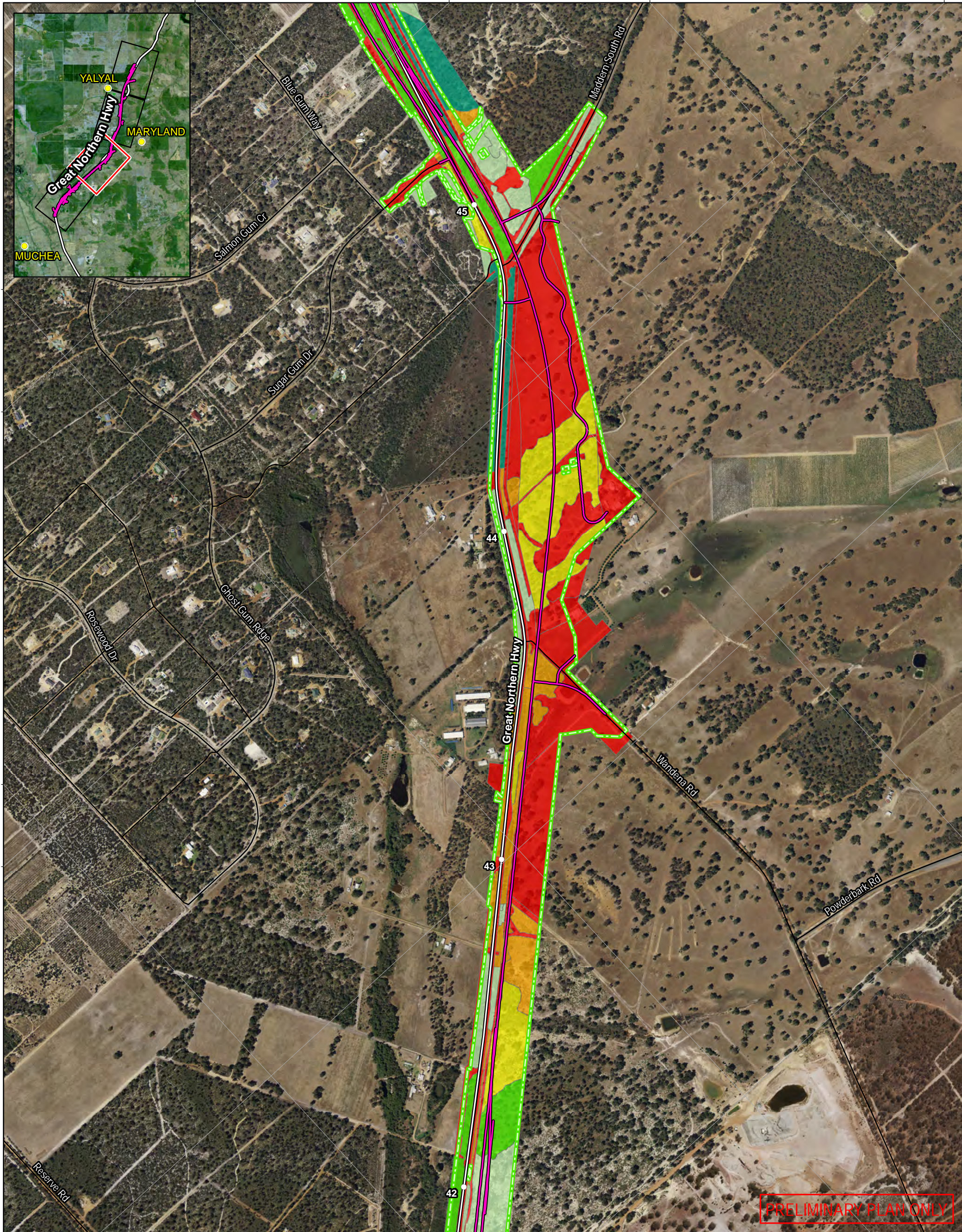


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 - Minor Road

- NVCP Application Area
- Vegetation Condition (Phoenix, 15/02/2017)
- Completely Degraded
- Degraded
- Good
- Very Good
- Excellent
- Pristine

Data Source: Main Roads WA, Landgate

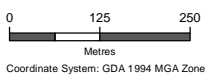


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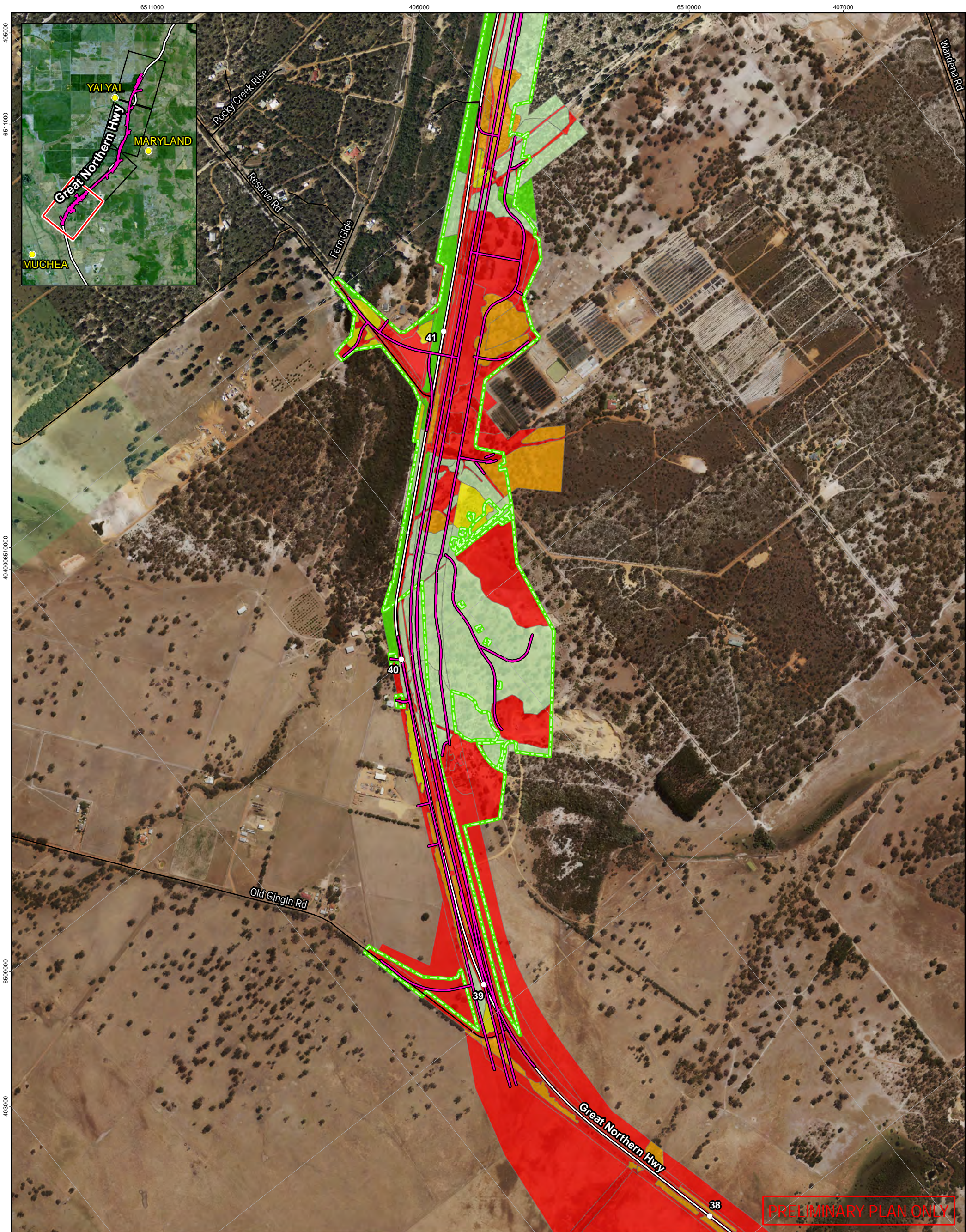
Client Project
**Great Northern Highway
Muchea to Wubin Upgrade Stage 2**

**Vegetation Condition
Map 3 of 4**

Drawing No: **GNH-CN03-EN01-GIS-0041** Issue: **B**

Task No: **GNH-1329** Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
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- Legend**
- Straight Line Kilometre Marker (1km)
 - Town
 - Muchea North Alignment
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 - Freeway / Highway
 - Minor Road
 - ▭ NVCP Application Area
 - Vegetation Condition (Phoenix, 15/02/2017)
 - Red: Completely Degraded
 - Orange: Degraded
 - Yellow: Good
 - Light Green: Very Good
 - Dark Green: Excellent

Data Source: Main Roads WA, Landgate

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Great Northern Highway
Muchea to Wubin Upgrade Stage 2

Vegetation Condition Map 4 of 4

Drawing No GNH-CN03-EN01-GIS-0041	Issue B		
Task No GNH-1329	Drawing Status / Other Draft		
Date 11/04/2017	By SR	Chkd CG	Appd XX

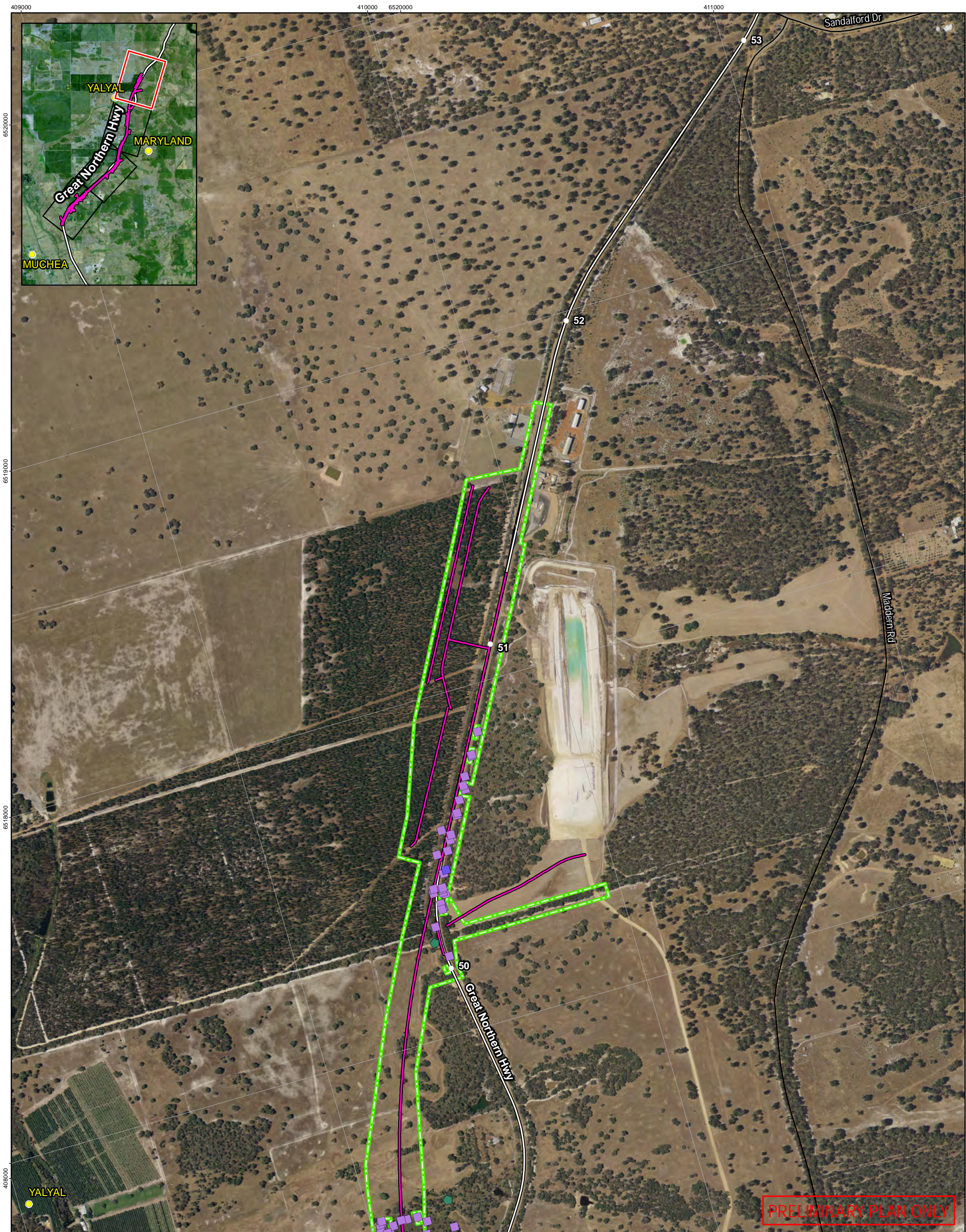
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Figure 6 : Conservation Significant Flora and Weed Locations

[refer to GNH-CN03-EN01-GIS-0044]

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- Legend**
- Straight Line Kilometre Marker (1km)
 - Town
 - Weed (Phoenix, 5/04/2017)
 - ◆ *Moraea miniata*

- Significant Flora (Phoenix, 5/04/2017)**
- P3, *Acacia drummondii* subsp. *affinis*
 - P3, *Haemodorum loratum*

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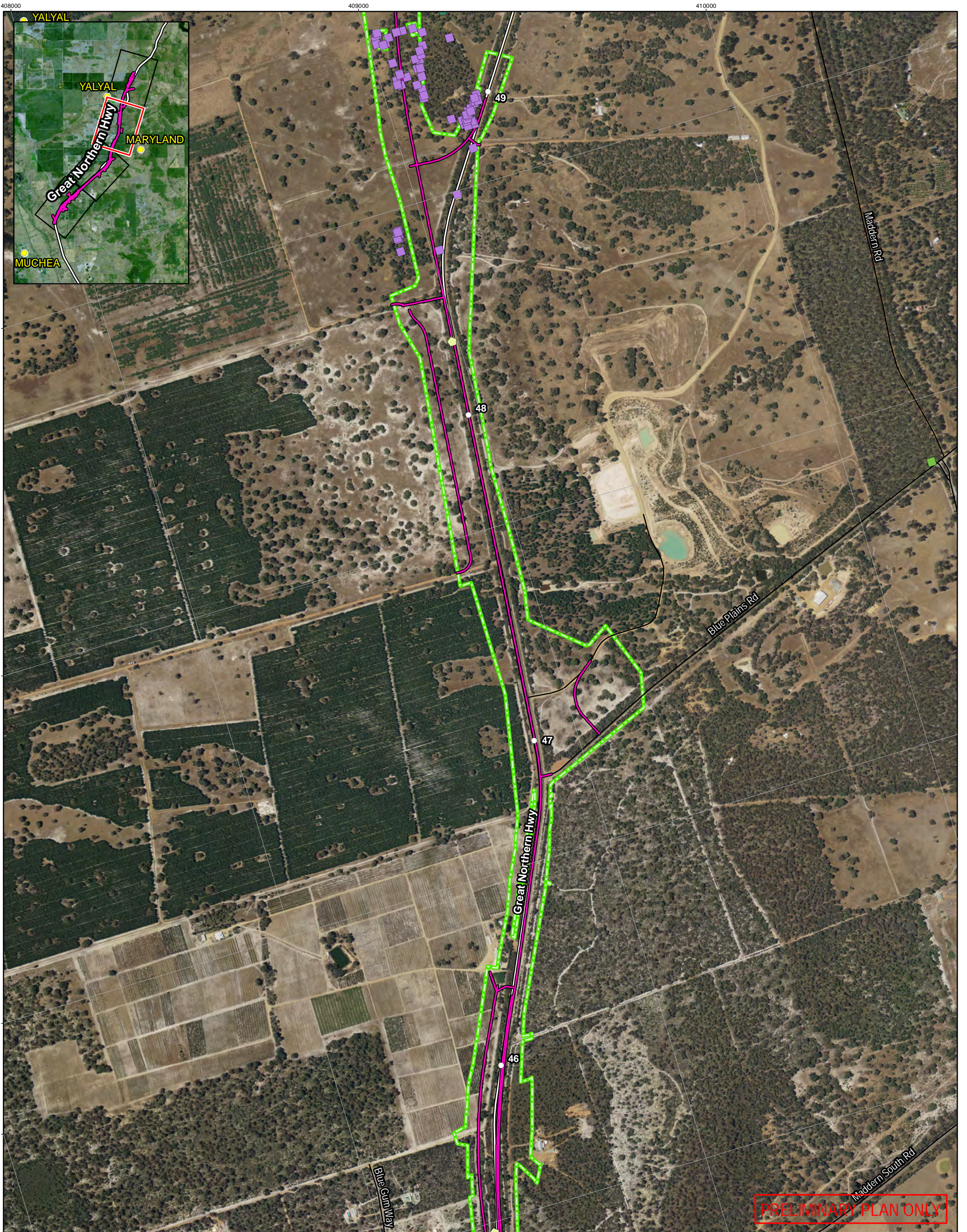
Great Northern Highway
Muchea to Wubin Upgrade Stage 2

Conservation Significant Flora and Weeds
Map 1 of 4

Drawing No GNH-CN03-EN01-GIS-0044	Issue B		
Task No GNH-1329	Drawing Status / Other Draft		
Date 11/04/2017	By SP	Chkd CG	Appd XX

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- Legend**
- Straight Line Kilometre Marker (1km)
 - Town
 - Weed (Phoenix, 5/04/2017)
 - ◆ *Echium plantagineum*
 - ◆ *Moraea miniata*

- Significant Flora (Phoenix, 5/04/2017)**
- *EN, Thelymitra stellata*
 - *P3, Acacia drummondii subsp. affinis*

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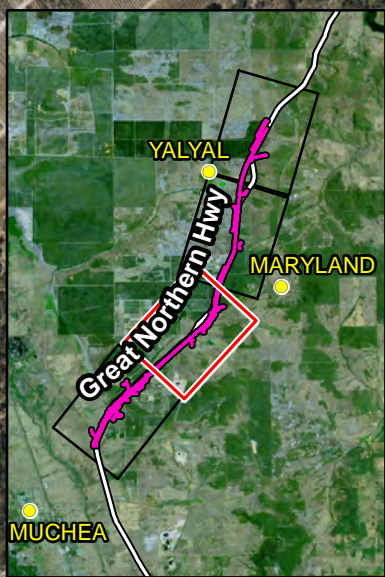
Great Northern Highway
Muchea to Wubin Upgrade Stage 2

**Conservation Significant
Flora and Weeds
Map 2 of 4**

Drawing No: **GNH-CN03-EN01-GIS-0044** Issue: **B**

Task No: **GNH-1329** Drawing Status / Other: **Draft**

Date	By	Chkd	Appd
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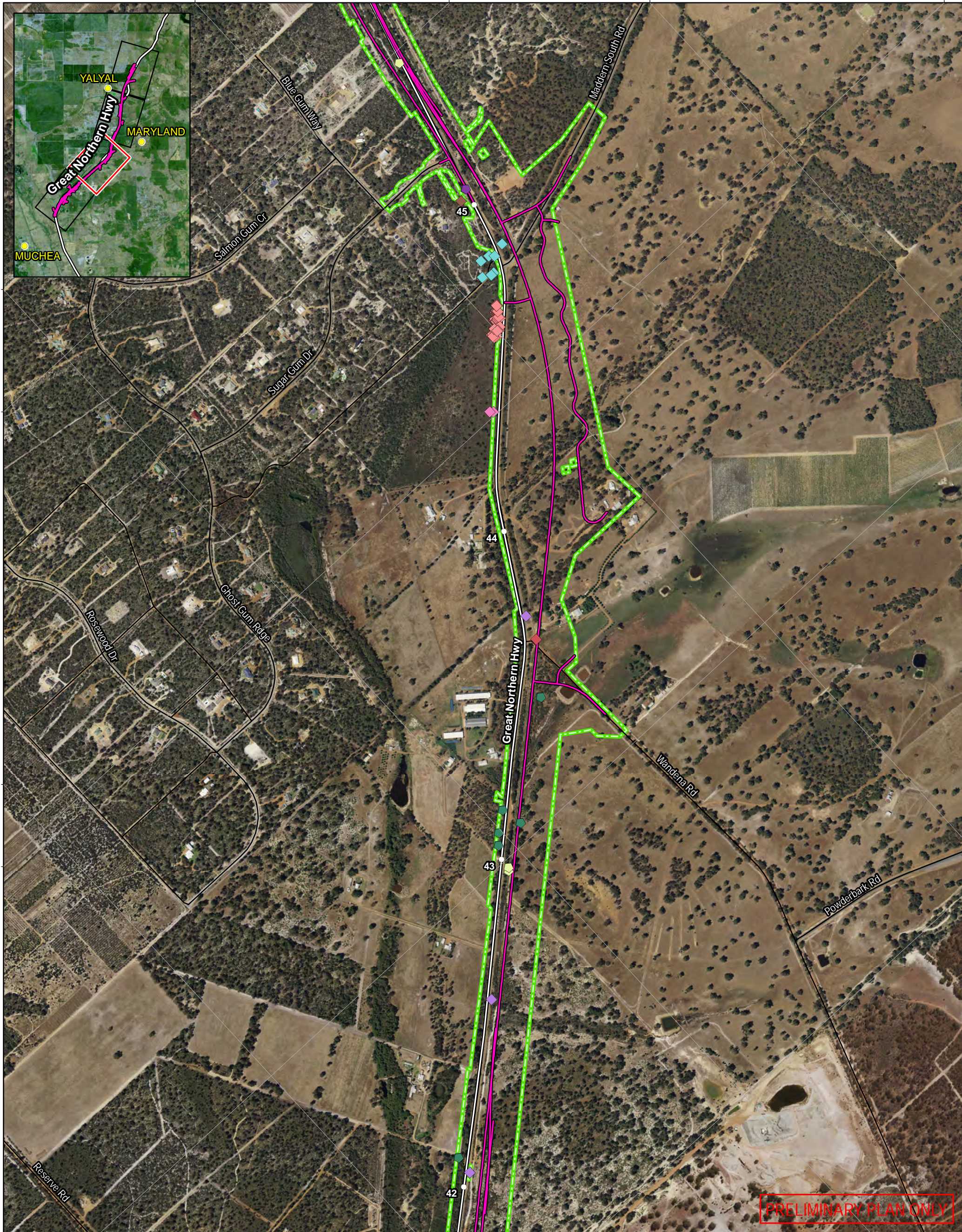


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 - ◆ *Asparagus asparagoides*
 - ◇ *Echium plantagineum*
 - ◇ *Moraea miniata*

- Significant Flora (Phoenix, 5/04/2017)**
- P2, *Stylidium squamellosum*
 - P3, *Acacia drummondii* subsp. *affinis*
 - P3, *Verticordia serrata* var. *linearis*
 - P4, *Anigozanthos humilis* subsp. *chrysanthos*
 - P4, *Eucalyptus caesia*
 - P4, *Verticordia lindleyi* subsp. *lindleyi*

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Great Northern Highway
Muchea to Wubin Upgrade Stage 2

**Conservation Significant
Flora and Weeds
Map 3 of 4**

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GNH-CN03-EN01-GIS-0044

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