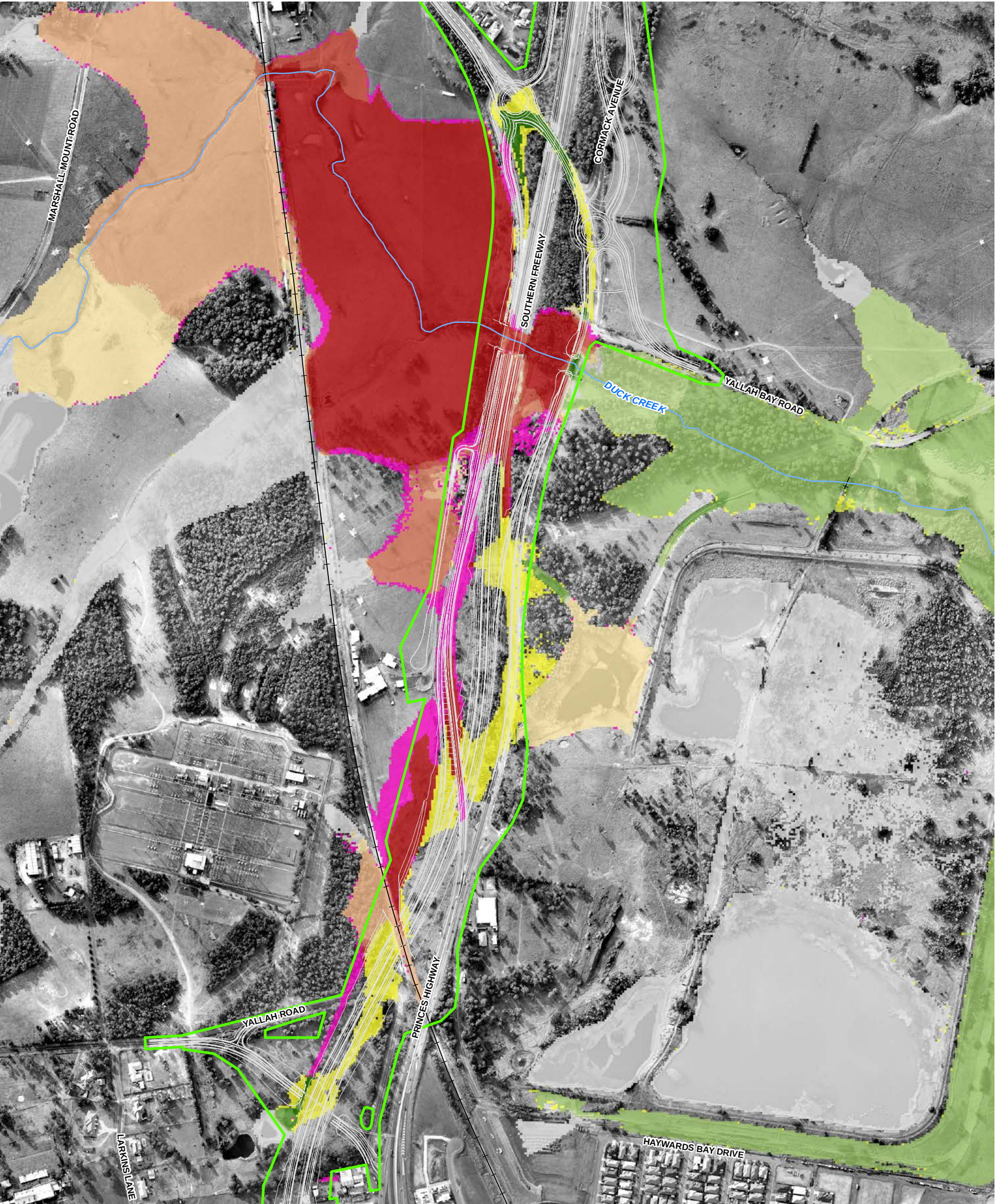




LEGEND

- Site Boundary
- Concept Design
- Major Watercourses
- Railway
- Change in Water Level (m)
- Newly Flooded

|               |                   |
|---------------|-------------------|
| > 0.4         | -0.05 to -0.02    |
| 0.25 to 0.4   | -0.1 to -0.05     |
| 0.1 to 0.25   | -0.25 to -0.1     |
| 0.05 to 0.1   | -0.4 to -0.25     |
| 0.02 to 0.05  | < -0.4            |
| -0.02 to 0.02 | No Longer Flooded |

DUCK CREEK 500 YEAR CHANGE IN WATER LEVEL

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:7,000 @ A3

0 50 100 200  
Metres

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

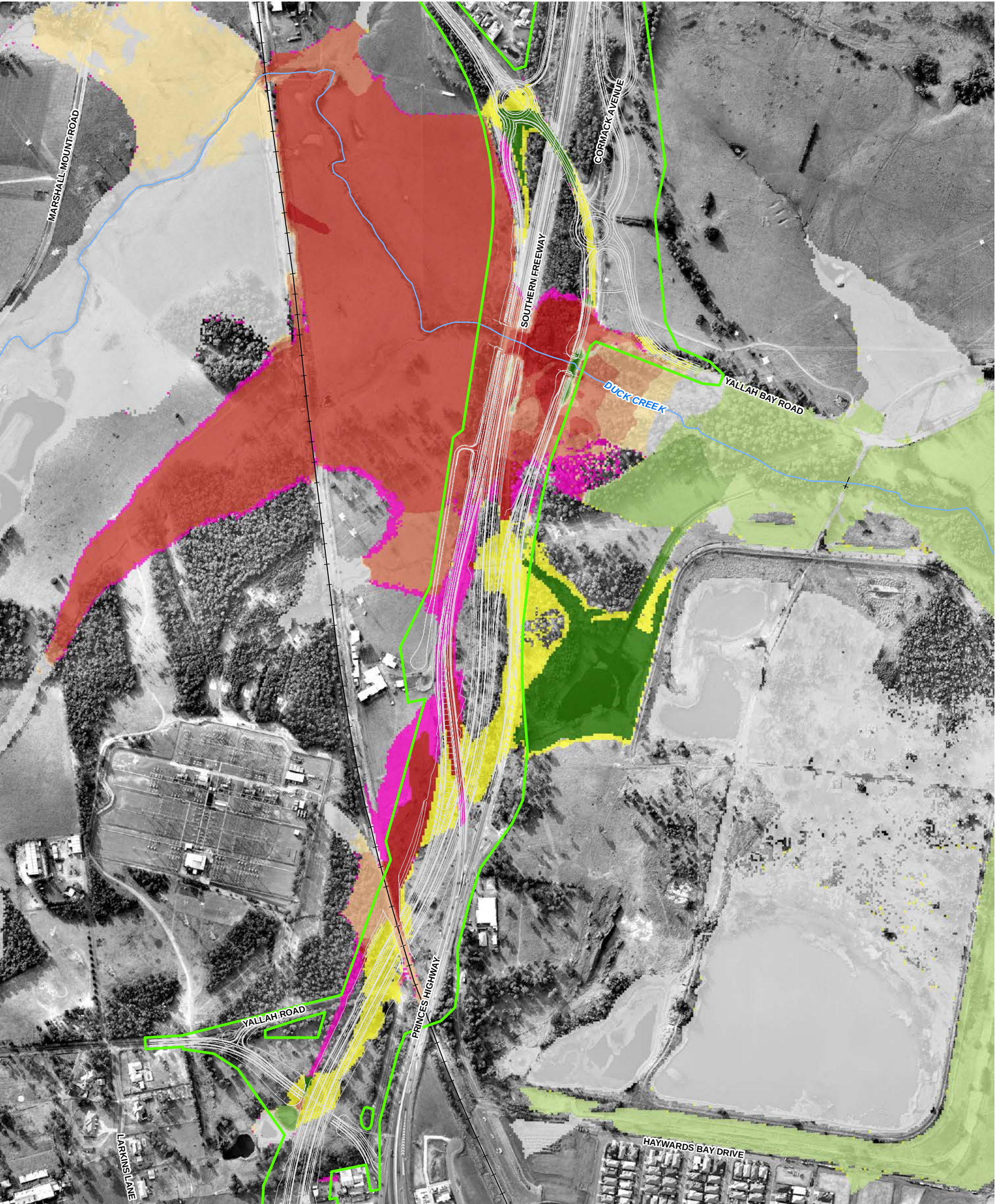
REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 4, 2015

NSW GOVERNMENT

Transport  
Roads & Maritime  
Services

Hyder Cardno  
JOINT VENTURE



LEGEND

- Site Boundary
- Concept Design
- Major Watercourses
- Railway
- Change in Water Level (m)
- Newly Flooded

|               |                   |
|---------------|-------------------|
| > 0.4         | -0.05 to -0.02    |
| 0.25 to 0.4   | -0.1 to -0.05     |
| 0.1 to 0.25   | -0.25 to -0.1     |
| 0.05 to 0.1   | -0.4 to -0.25     |
| 0.02 to 0.05  | < -0.4            |
| -0.02 to 0.02 | No Longer Flooded |

DUCK CREEK PMF CHANGE IN WATER LEVEL

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:7,000 @ A3

0 50 100 200  
Metres

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

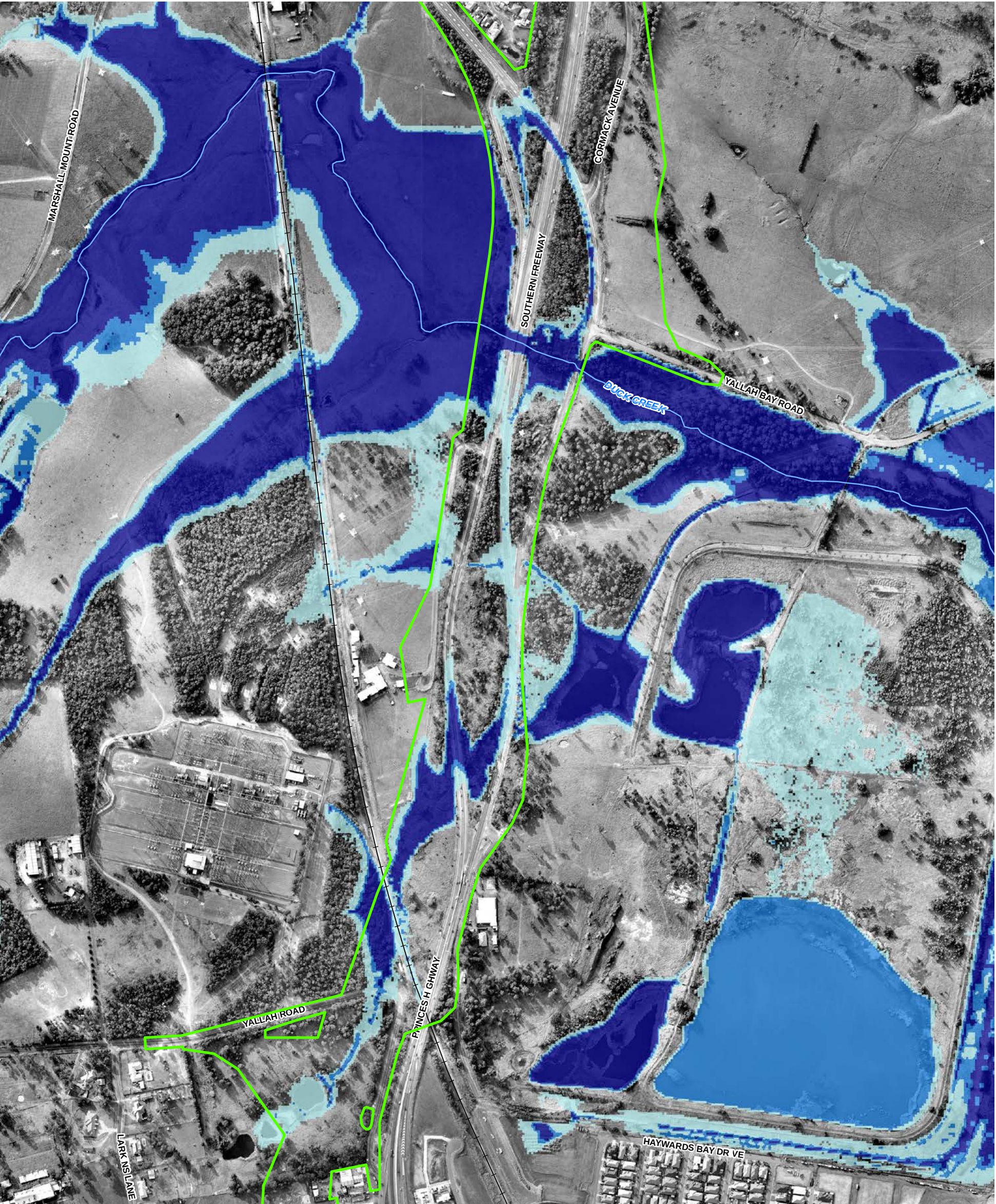
DATE: AUGUST 4, 2015

NSW  
GOVERNMENT

Transport  
Roads & Maritime  
Services

Hyder  
JOINT VENTURE

Cardno



**LEGEND**

Site Boundary

Major Watercourses

Railway

**Flood Hazard**

Low

Medium

High

DUCK CREEK 100 YEAR ARI FLOOD HAZARD – EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:7,000 @ A3

050100200

Metres

NSW GOVERNMENT

Transport Roads & Maritime Services

Hyder

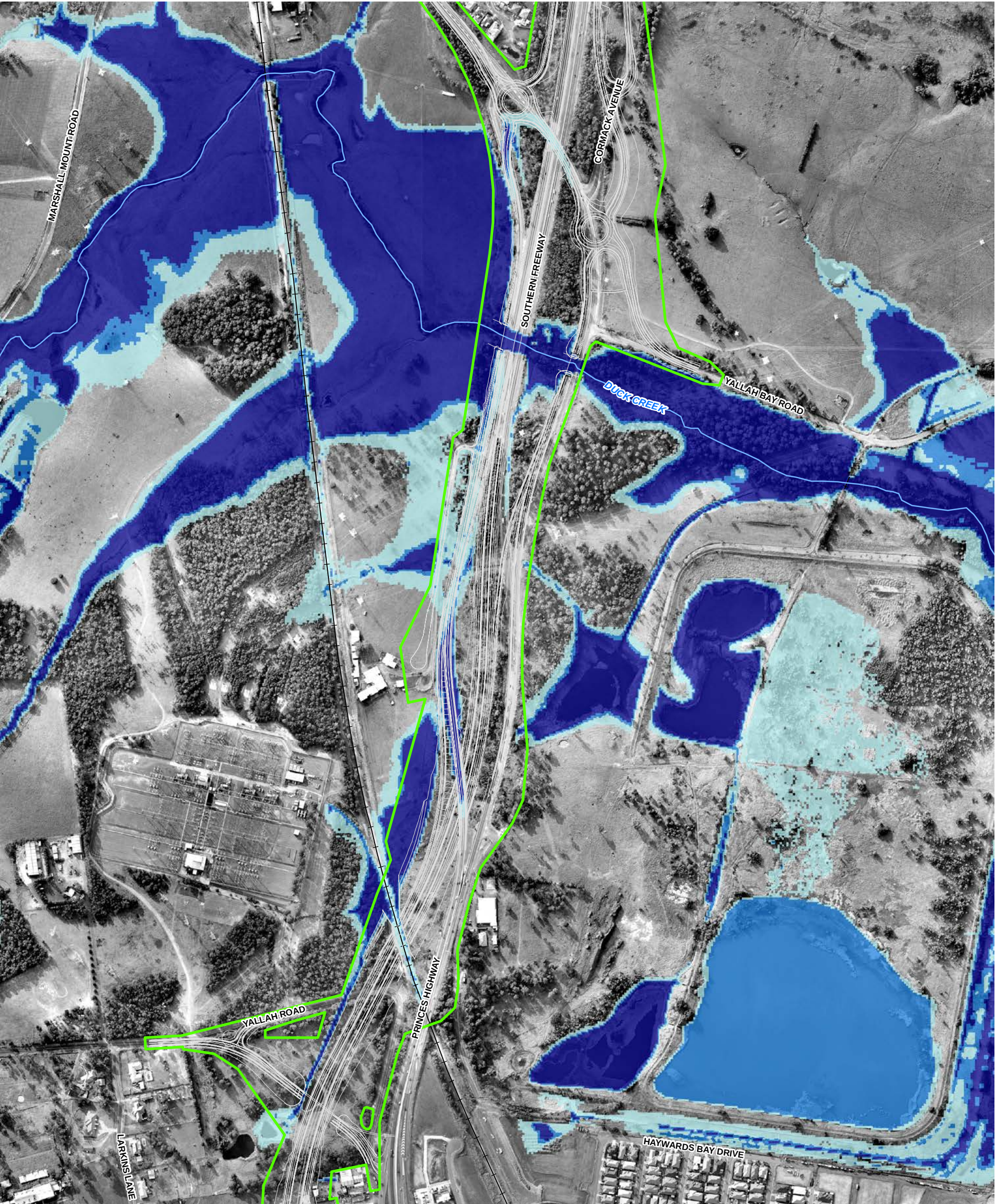
Cardno

JOINT VENTURE

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 4, 2015



**LEGEND**

Site Boundary

Medium

Concept Design

High

Major Watercourses

Railway

**Flood Hazard**

Low

**DUCK CREEK 100 YEAR ARI FLOOD HAZARD – WITH PROPOSED BYPASS**

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

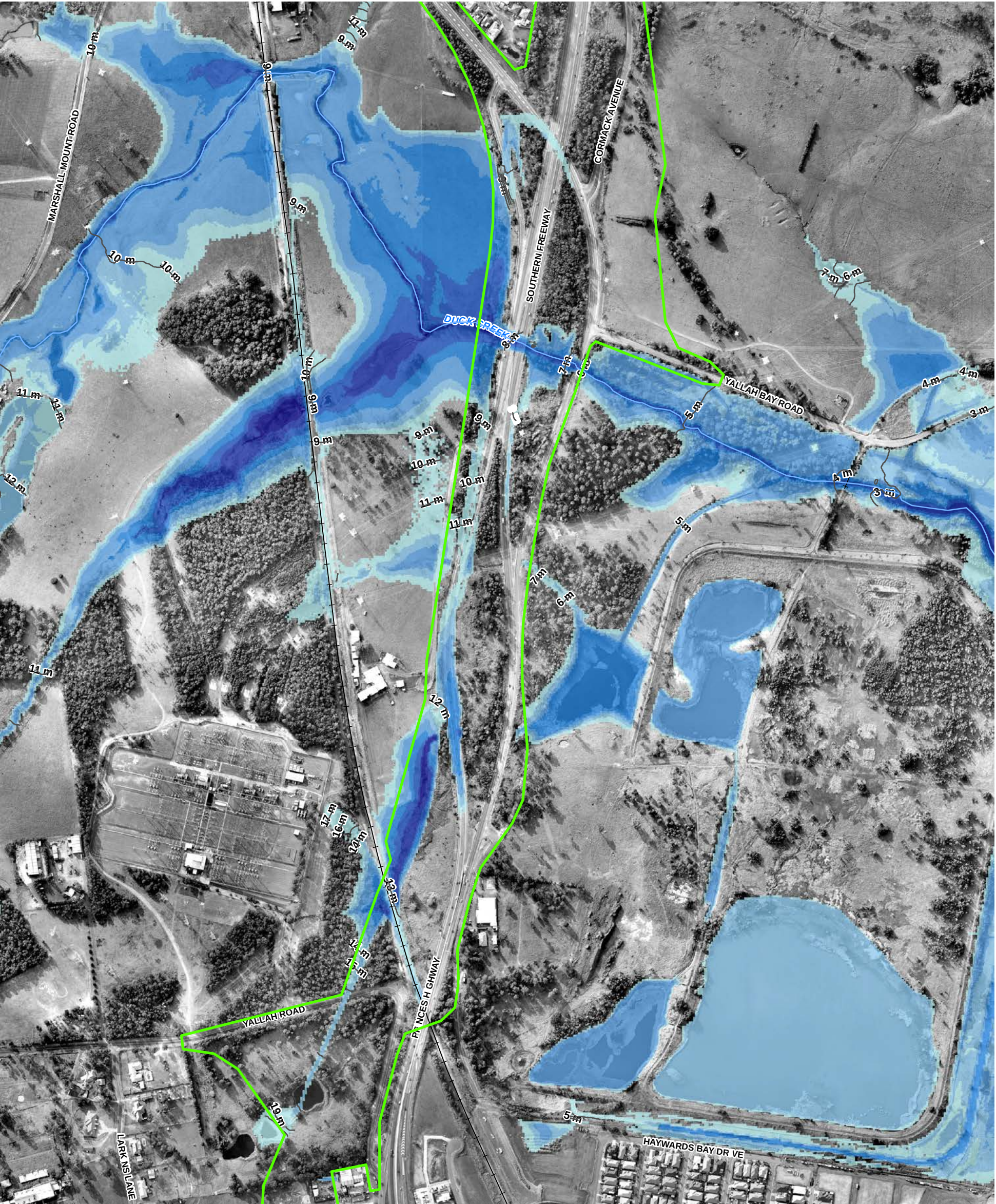
REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 6, 2015

1:7,000 @ A3

Transport  
Roads & Maritime  
Services

JOINT VENTURE



LEGEND

- Road Labels

Site Boundary

Major Watercourses

Railway

1m Flood Contours
- Climate and Land Use Change Depth**

0 - 0.5

0.5 - 1

1 - 2

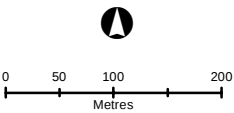
2 - 3

3 - 4

4 - 5

>5

1:7,000 @ A3

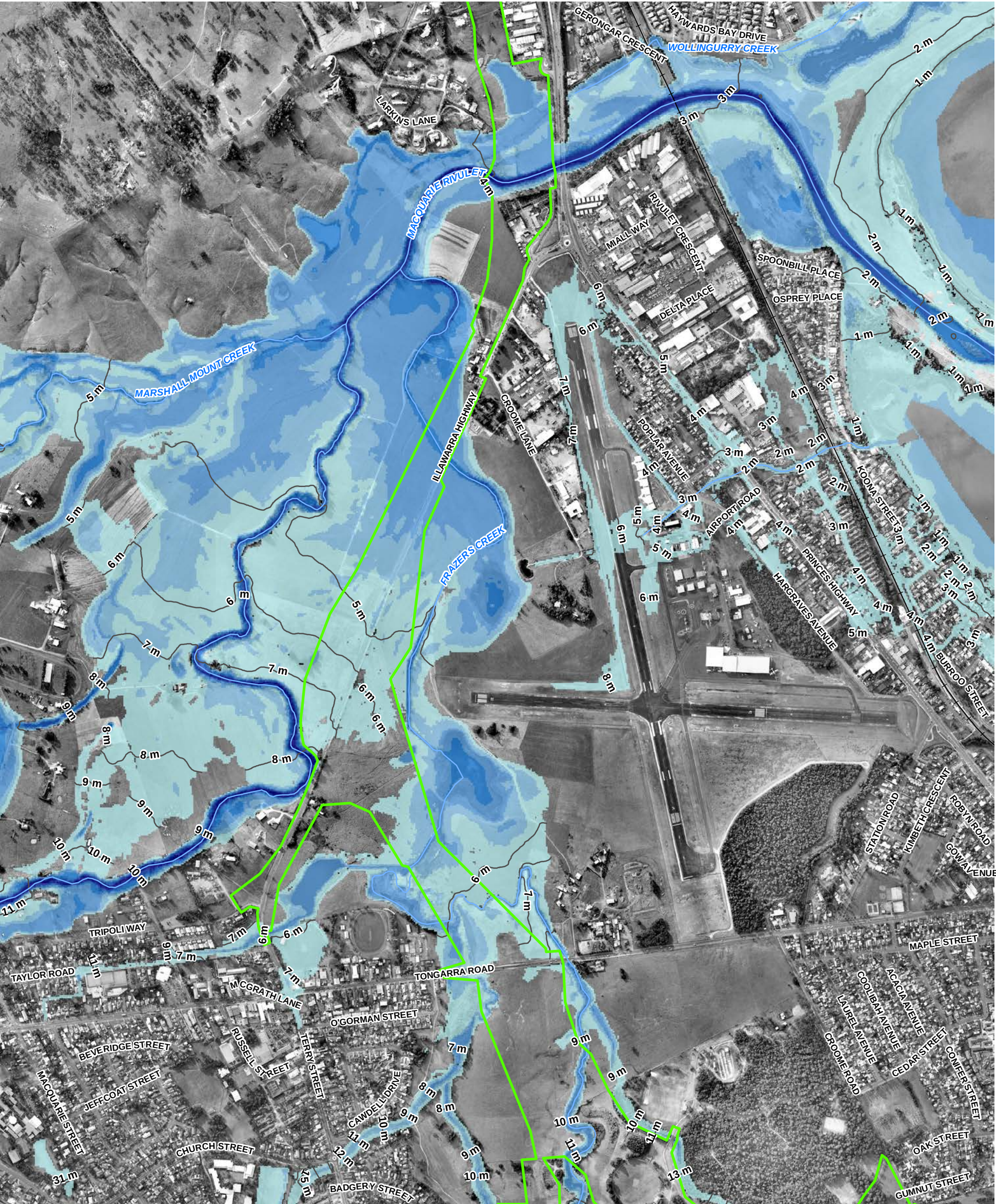


DUCK CREEK 20 YEAR ARI CLIMATE AND LAND USE CHANGE

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56  
REVISION NUMBER: 01  
AUTHOR: RNB  
DATE: AUGUST 5, 2015





**LEGEND**

Site Boundary

Major Watercourses

Railway

1m Flood Contours

**Flood Depth (m)**

0 - 0.5

0.5 - 1

1 - 2

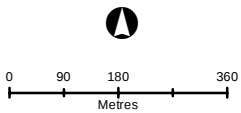
2 - 3

3 - 4

4 - 5

>5

1:12,500 @ A3

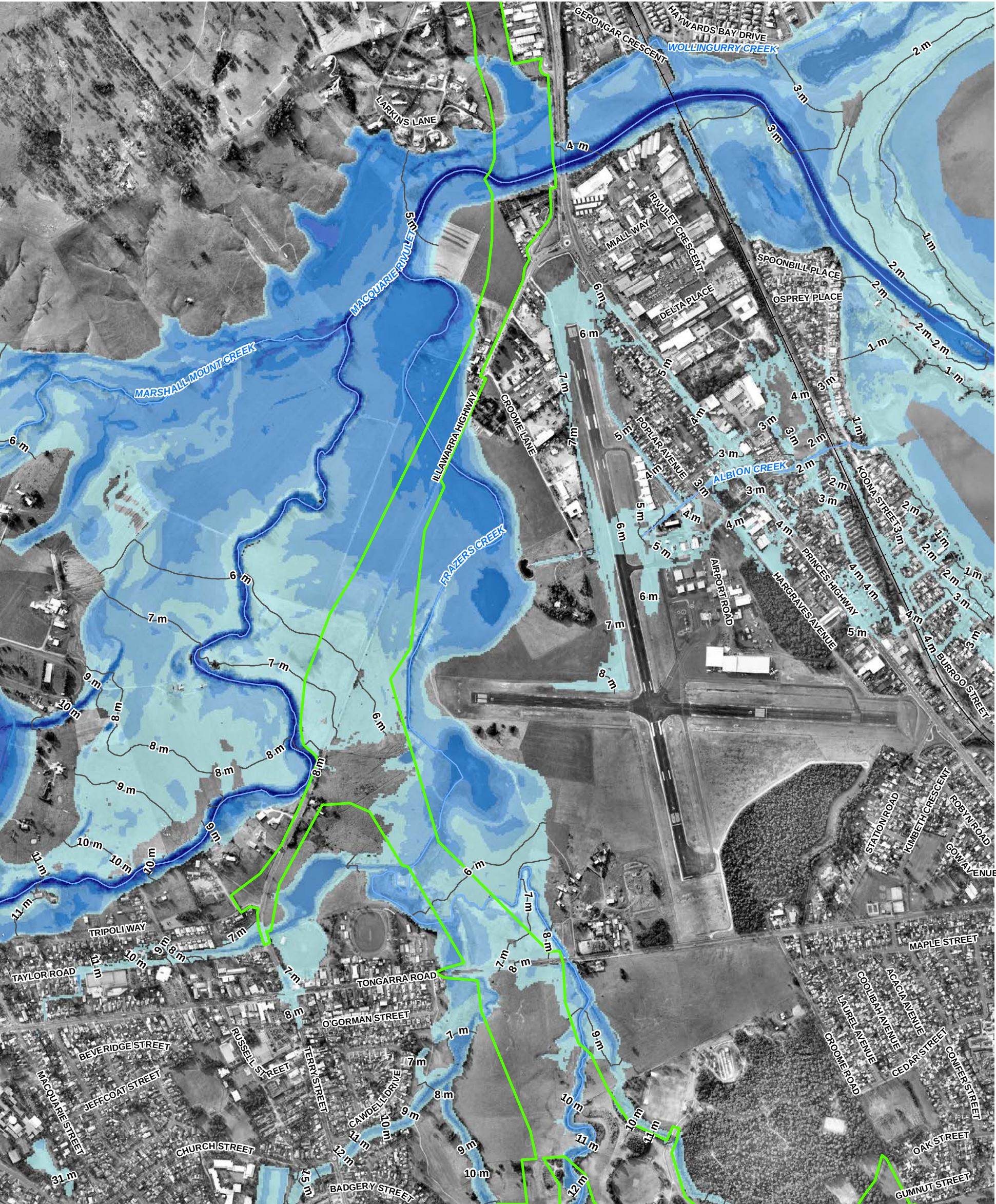


**MACQUARIE RIVULET 2 YEAR ARI FLOOD DEPTH – EXISTING CONDITIONS**

**ALBION PARK RAIL BYPASS**  
NSW ROADS AND MARITIME SERVICES

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56  
  
REVISION NUMBER: 02  
AUTHOR: RNB  
  
DATE: AUGUST 5, 2015





**LEGEND**

|                        |         |
|------------------------|---------|
| Site Boundary          | 0.5 - 1 |
| Major Watercourses     | 1 - 2   |
| Railway                | 2 - 3   |
| 1m Flood Contours      | 3 - 4   |
| <b>Flood Depth (m)</b> | 4 - 5   |
| 0 - 0.5                | >5      |

**MACQUARIE RIVULET 5 YEAR ARI FLOOD DEPTH – EXISTING CONDITIONS**

**ALBION PARK RAIL BYPASS**  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

0 90 180 360  
Metres

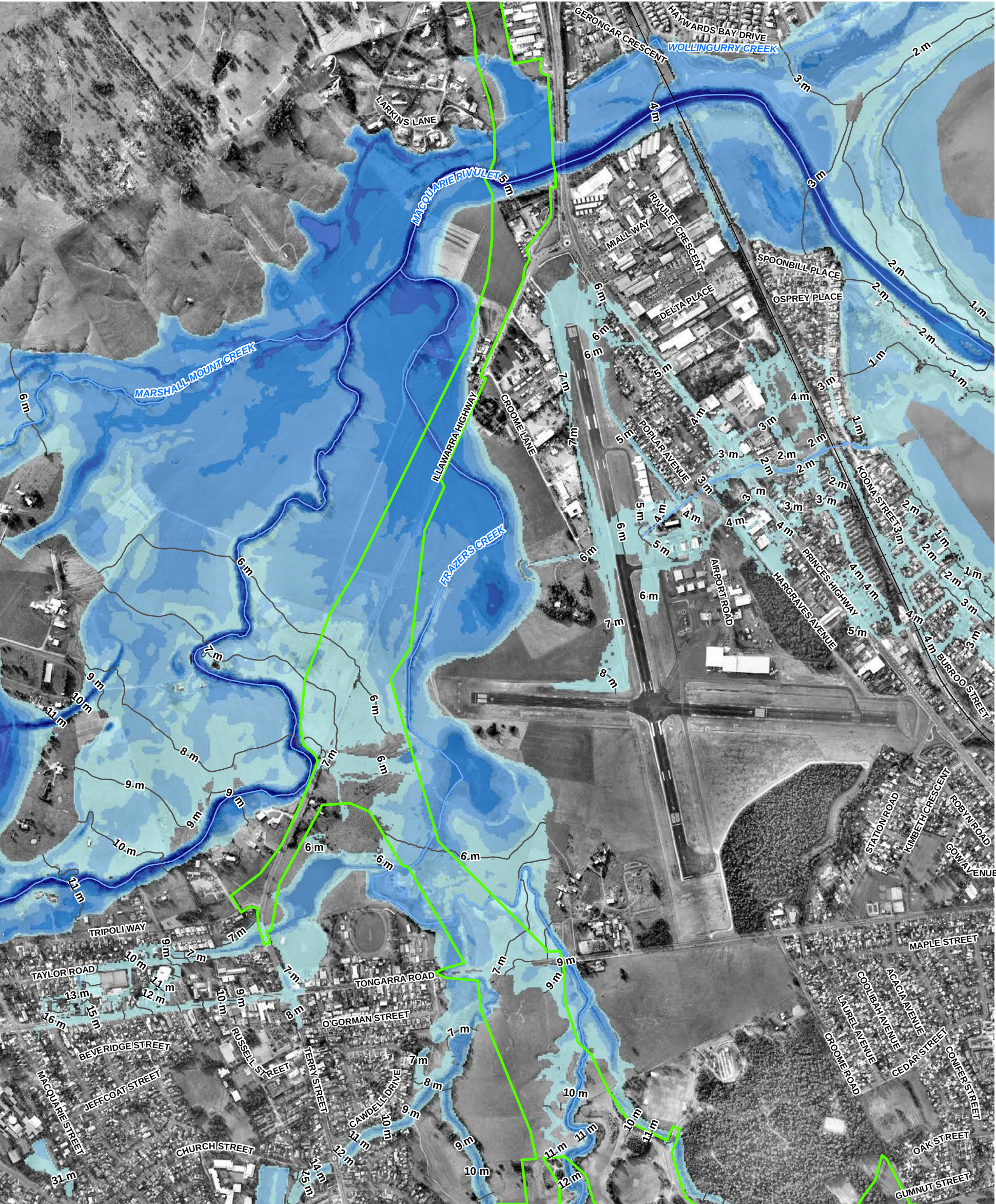
**Transport**  
Roads & Maritime  
Services

**Hyder** **Cardno**  
JOINT VENTURE

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015



**LEGEND**

Site Boundary

Major Watercourses

Railway

1m Flood Contours

**Flood Depth (m)**

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

4 - 5

>5

MACQUARIE RIVULET 10 YEAR ARI FLOOD DEPTH – EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

090180360

Metres

NSW  
GOVERNMENT

Transport  
Roads & Maritime  
Services

Hyder

Cardno

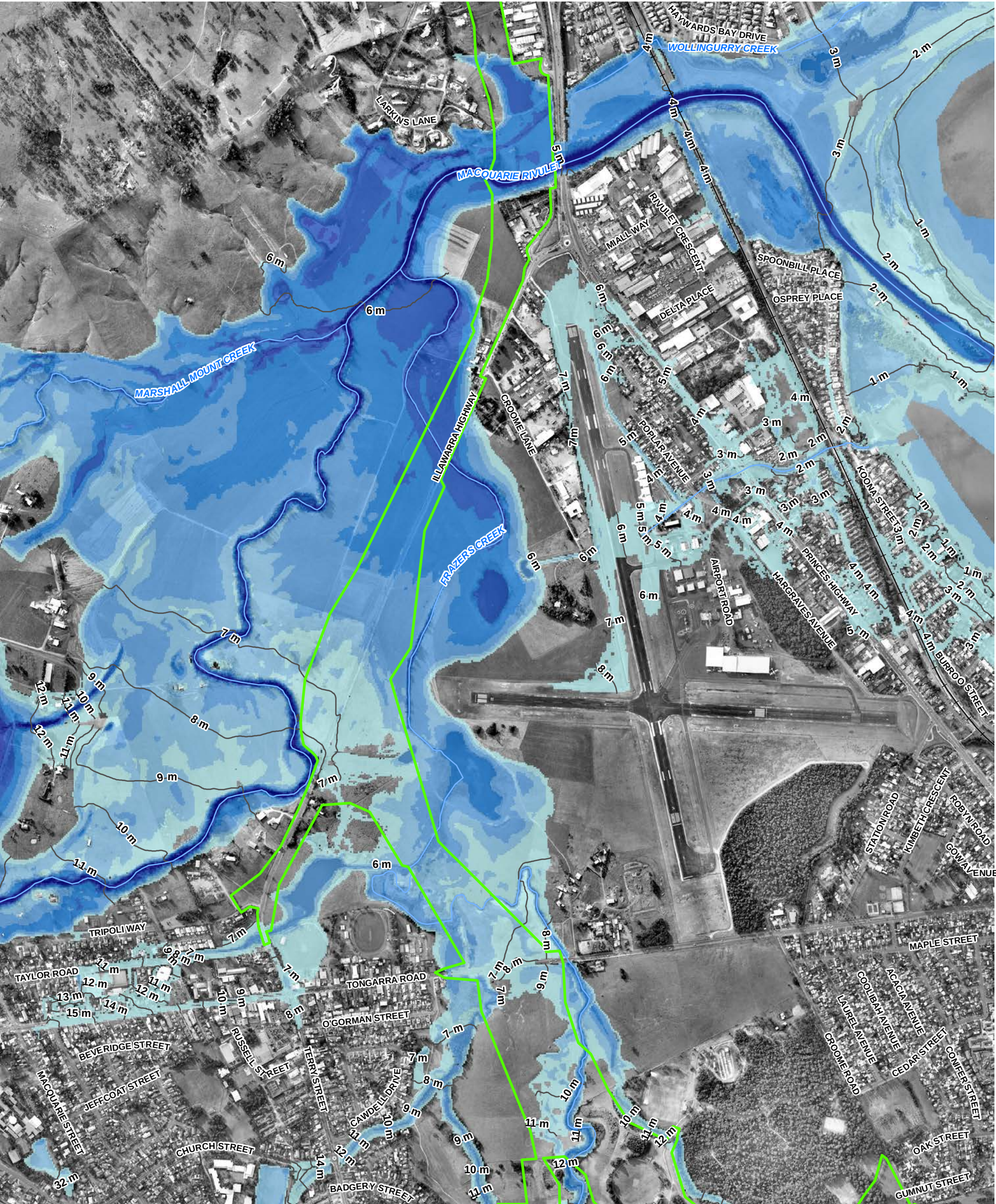
JOINT VENTURE

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015

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**LEGEND**

Site Boundary

Major Watercourses

Railway

1m Flood Contours

**Flood Depth (m)**

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

4 - 5

>5

MACQUARIE RIVULET 20 YEAR ARI FLOOD DEPTH – EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

090180360

Metres

NSW  
GOVERNMENT

Transport  
Roads & Maritime  
Services

Hyder

Cardno

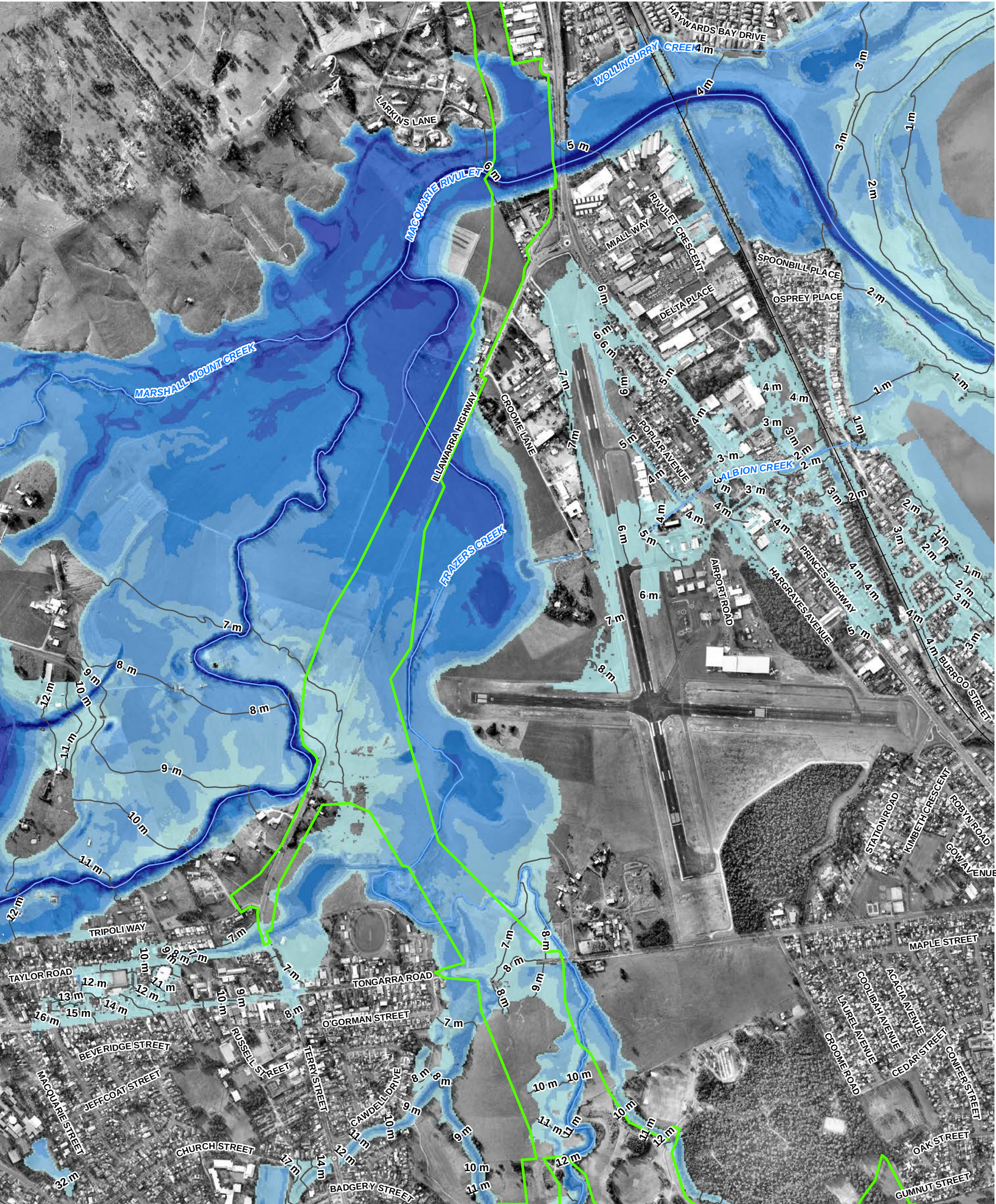
JOINT VENTURE

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015

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**LEGEND**

|                        |         |
|------------------------|---------|
| Site Boundary          | 0.5 - 1 |
| Major Watercourses     | 1 - 2   |
| Railway                | 2 - 3   |
| 1m Flood Contours      | 3 - 4   |
| <b>Flood Depth (m)</b> | 4 - 5   |
| 0 - 0.5                | >5      |

MACQUARIE RIVULET 50 YEAR ARI FLOOD DEPTH – EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

0 90 180 360  
Metres

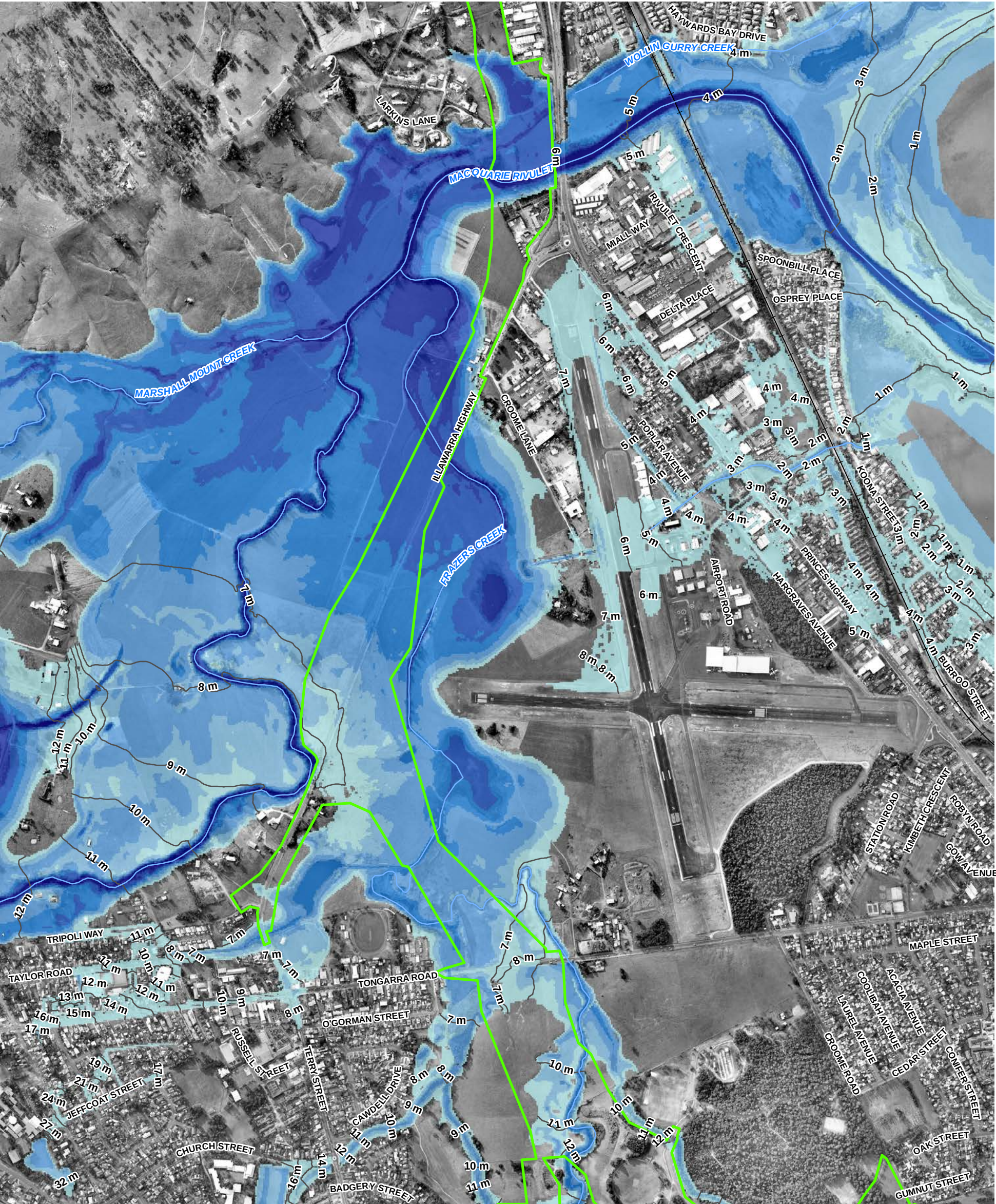
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GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015

Transport  
Roads & Maritime  
Services

JOINT VENTURE



**LEGEND**

Site Boundary

Major Watercourses

Railway

1m Flood Contours

Flood Depth (m)

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

4 - 5

>5

MACQUARIE RIVULET 100 YEAR ARI FLOOD DEPTH - EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

0 90 180 360

Metres

NSW

GOVERNMENT

Transport

Roads & Maritime

Services

Hyder

Cardno

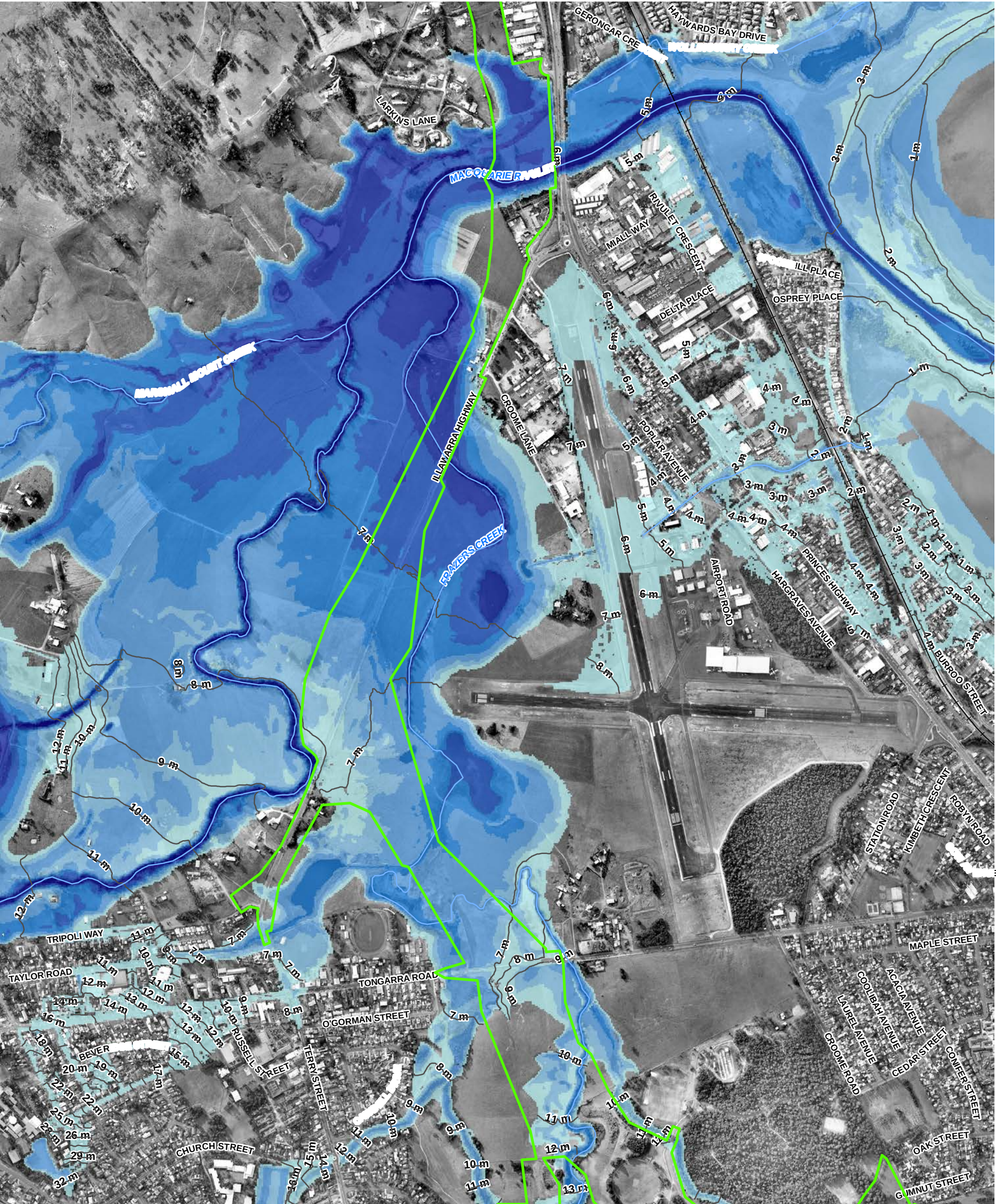
JOINT VENTURE

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015

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Site Boundary

Major Watercourses

Railway

1m Flood Contours

Flood Depth (m)

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

4 - 5

>5

MACQUARIE RIVULET 200 YEAR ARI FLOOD DEPTH - EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

090180360

Metres

NSW GOVERNMENT

Transport Roads & Maritime Services

Hyder

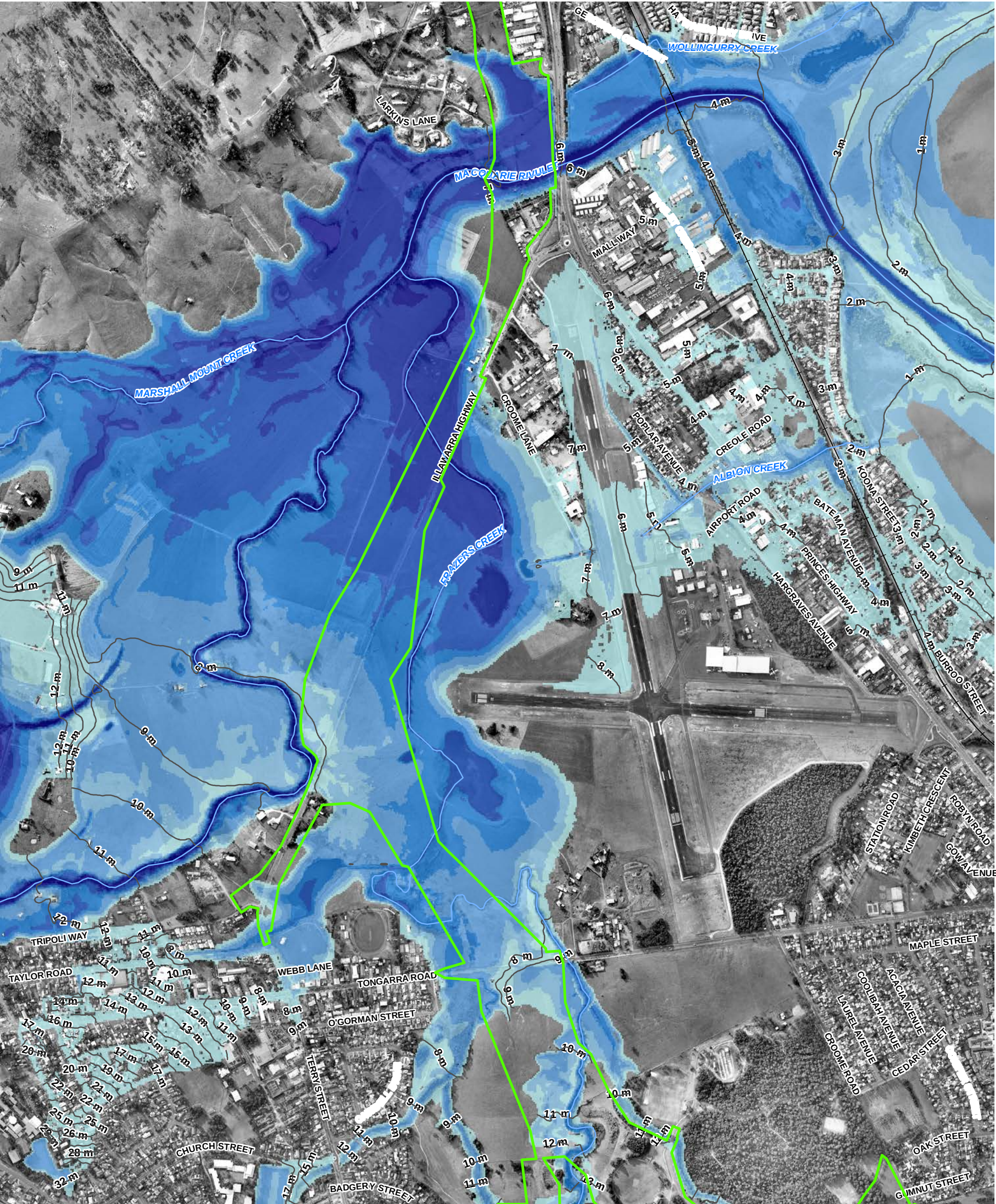
Cardno

JOINT VENTURE

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015



**LEGEND**

Site Boundary

Major Watercourses

Railway

1m Flood Contours

**Flood Depth (m)**

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

4 - 5

>5

MACQUARIE RIVULET 500 YEAR ARI FLOOD DEPTH - EXISTING CONDITIONS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

090180360

Metres

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

DATE: AUGUST 5, 2015

NSW GOVERNMENT

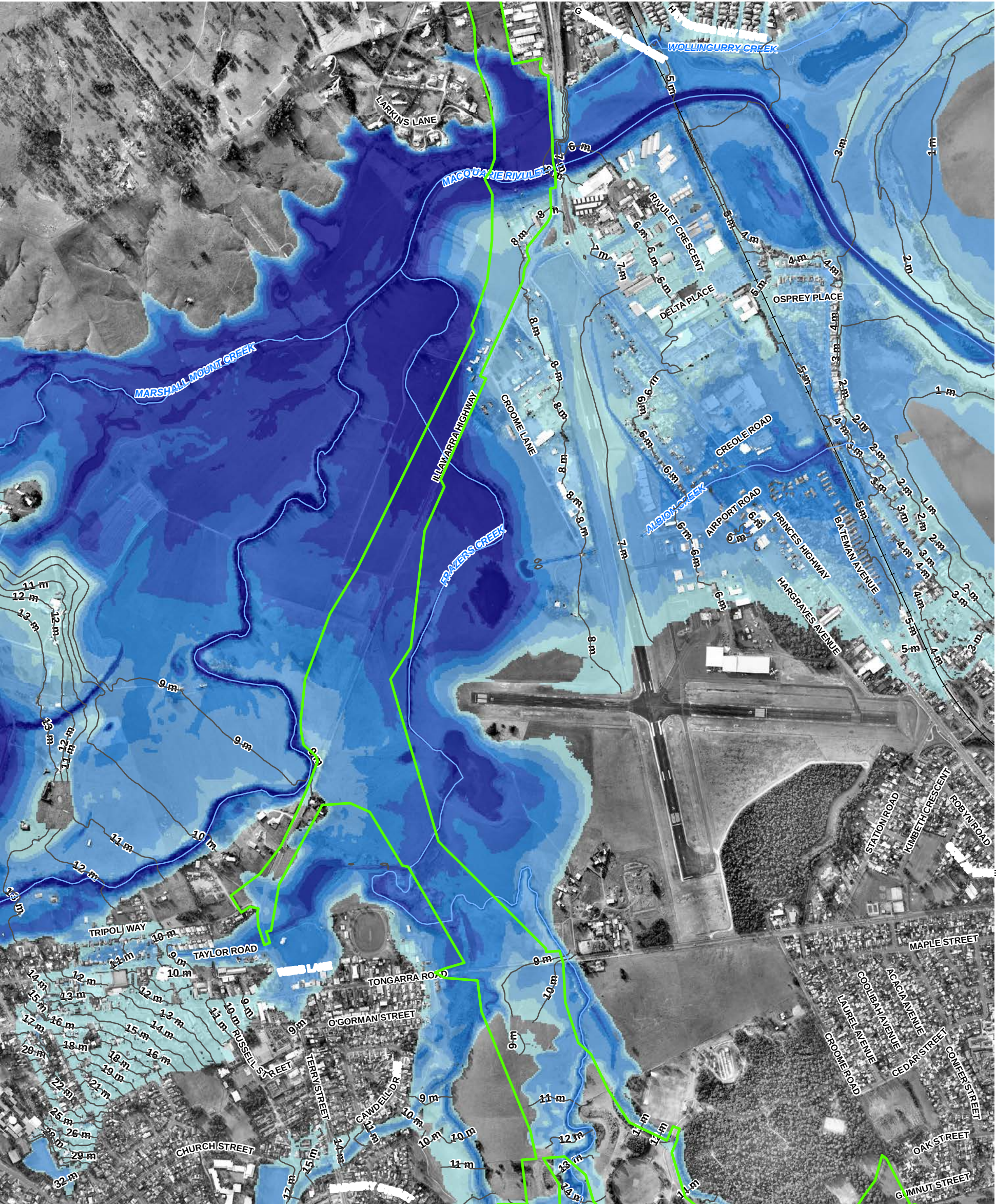
Transport  
Roads & Maritime  
Services

Hyder

Cardno

JOINT VENTURE

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**LEGEND**

|                        |         |
|------------------------|---------|
| Site Boundary          | 0.5 - 1 |
| Major Watercourses     | 1 - 2   |
| Railway                | 2 - 3   |
| 1m Flood Contours      | 3 - 4   |
| <b>Flood Depth (m)</b> | 4 - 5   |
| 0 - 0.5                | >5      |

**MACQUARIE RIVULET PMF FLOOD DEPTH – EXISTING CONDITIONS**

**ALBION PARK RAIL BYPASS**  
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

0 90 180 360  
Metres

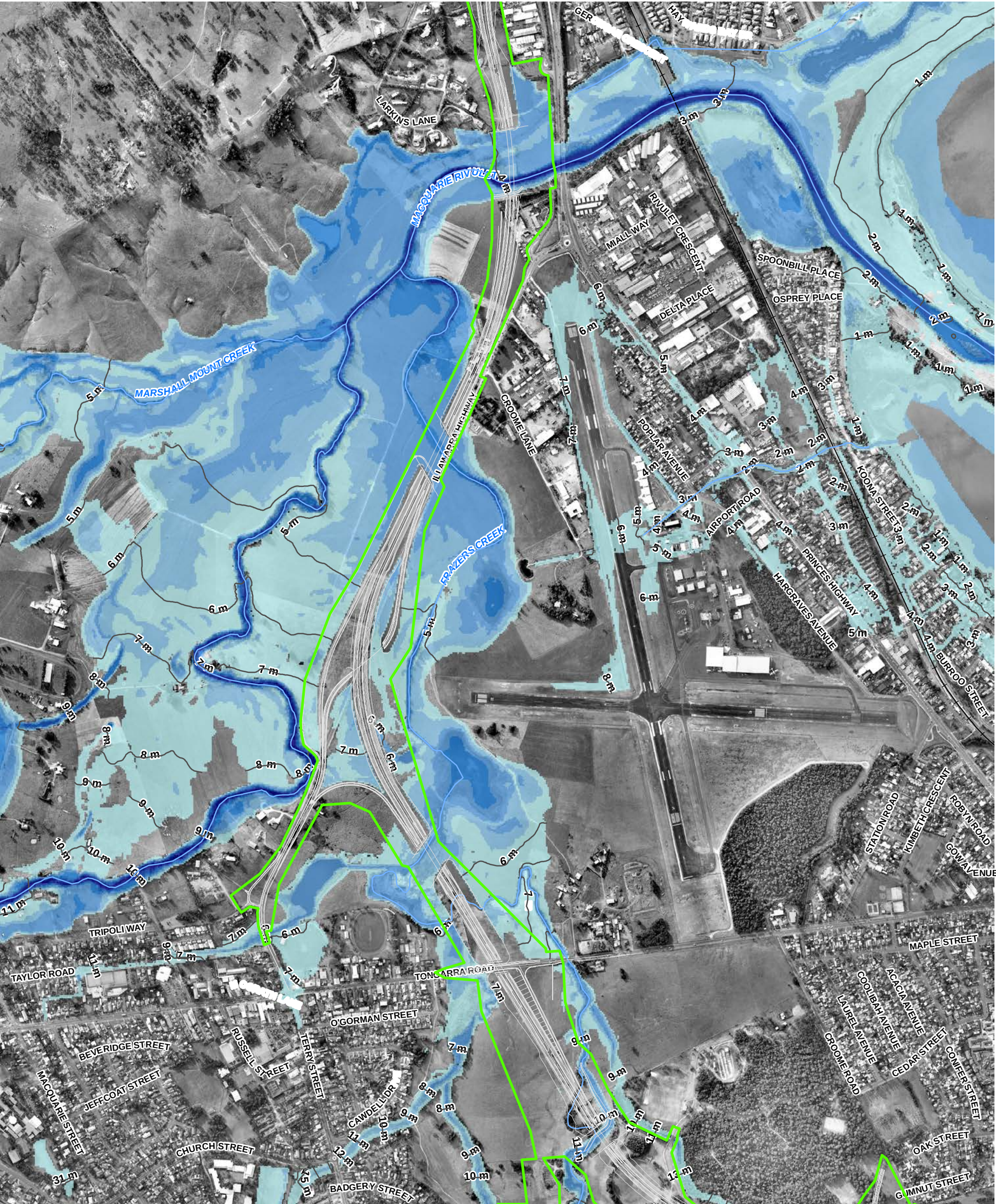
**Transport**  
Roads & Maritime  
Services

**Hyder Cardno**  
JOINT VENTURE

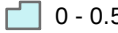
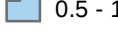
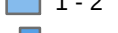
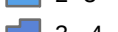
COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56

REVISION NUMBER: 02  
AUTHOR: RNB

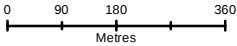
DATE: AUGUST 6, 2015



LEGEND

- |                                                                                                        |                                                                                             |                                                                                           |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|  Site Boundary      | <b>Flood Depth (m)</b>                                                                      |  4 - 5 |
|  Concept Design     |  0 - 0.5 |  >5    |
|  Major Watercourses |  0.5 - 1 |                                                                                           |
|  Railway            |  1 - 2   |                                                                                           |
|  1m Flood Contours  |  2 - 3   |                                                                                           |
|                                                                                                        |  3 - 4   |                                                                                           |

1:12,500 @ A3



MACQUARIE RIVULET 2 YEAR ARI FLOOD DEPTH - WITH PROPOSED BYPASS

ALBION PARK RAIL BYPASS  
NSW ROADS AND MARITIME SERVICES

COORDINATE SYSTEM:  
GDA 1994 MGA ZONE 56  
  
REVISION NUMBER: 02  
AUTHOR: RNB  
  
DATE: AUGUST 5, 2015

