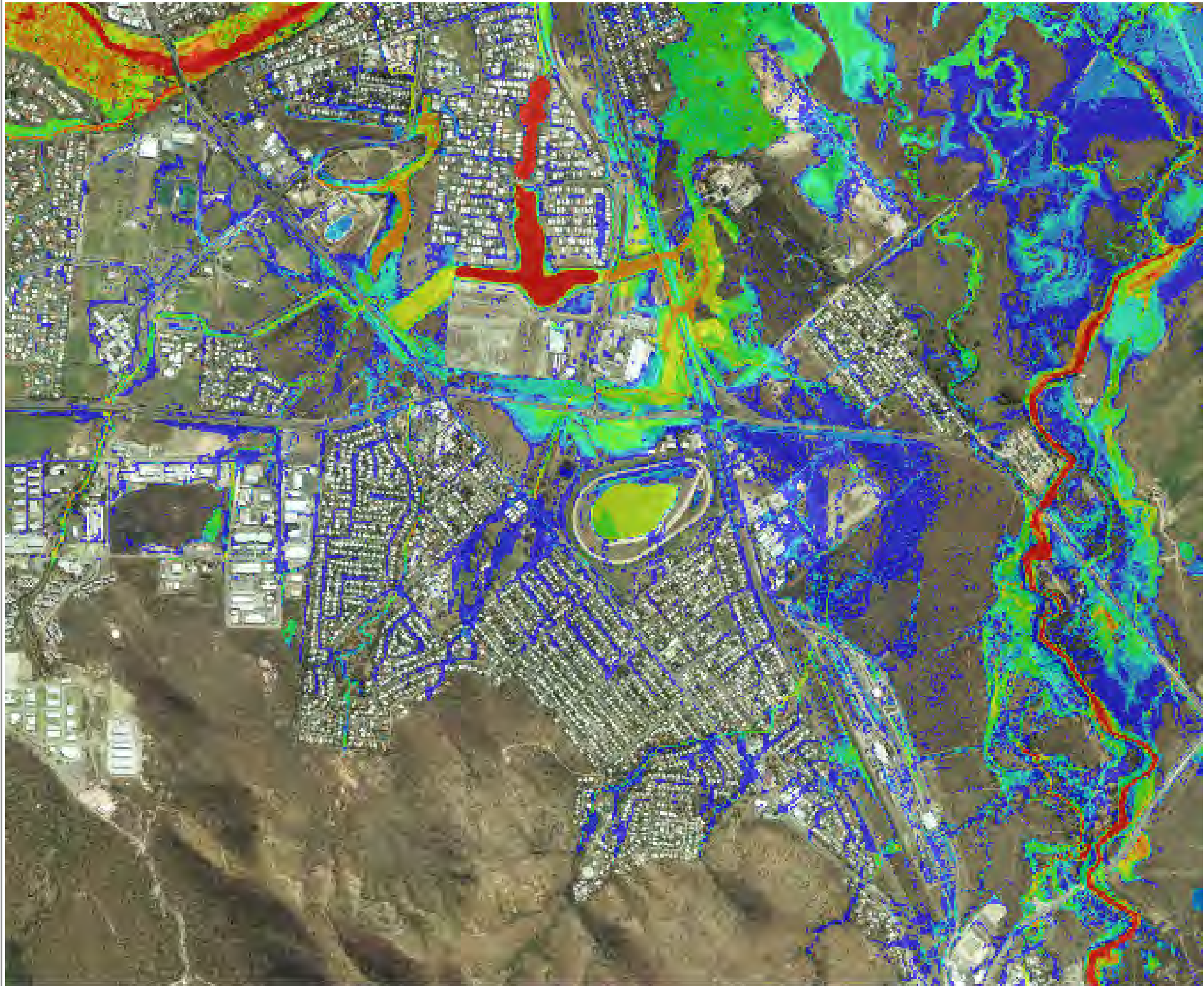




GORDON CREEK FLOOD STUDY BASE-LINE FLOODING ASSESSMENT

Volume 2
MARCH 2014





**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**
Upper Study Area

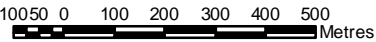
FIGURE D1.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

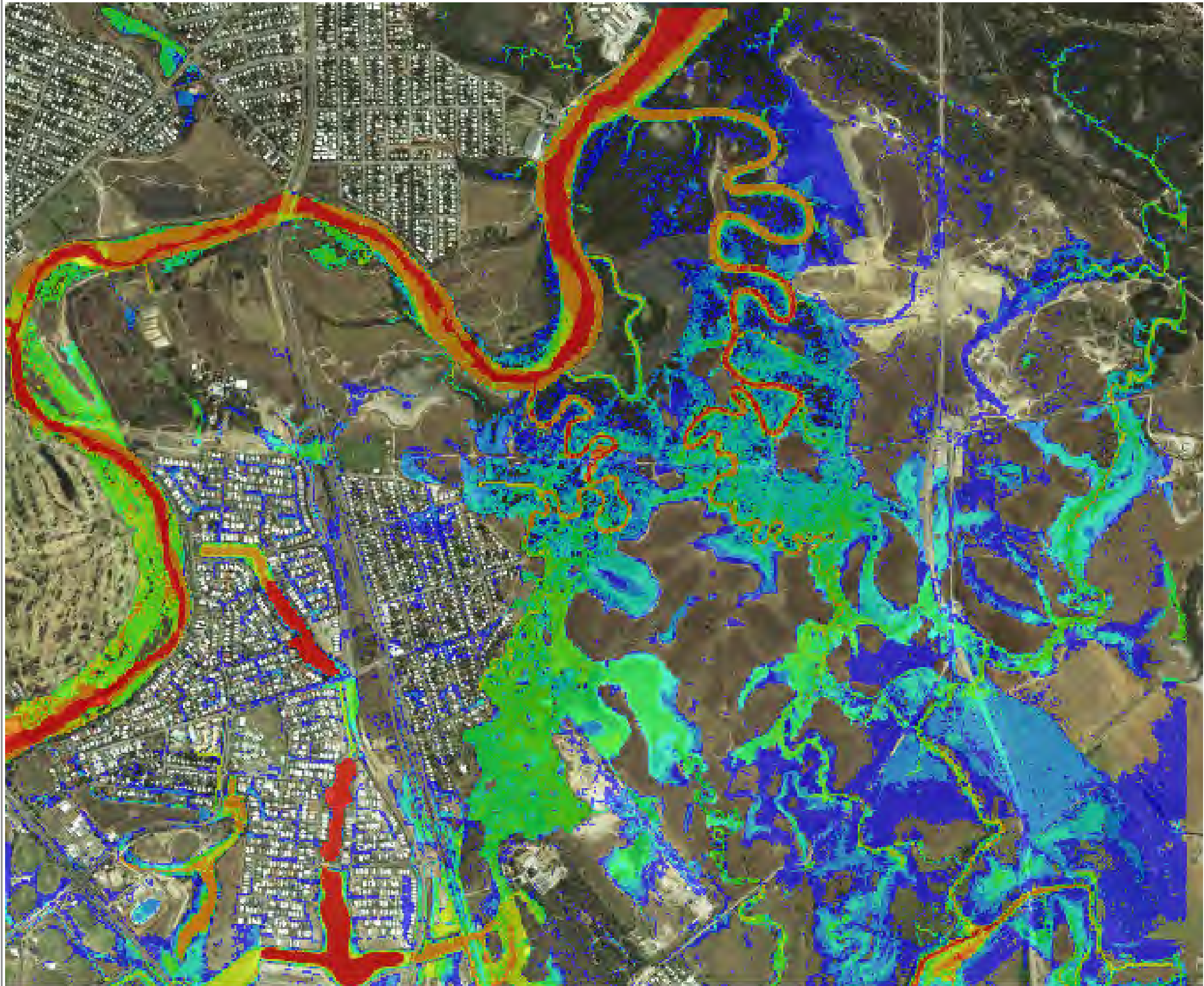


SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D1.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Lower Study Area

FIGURE D1.2

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

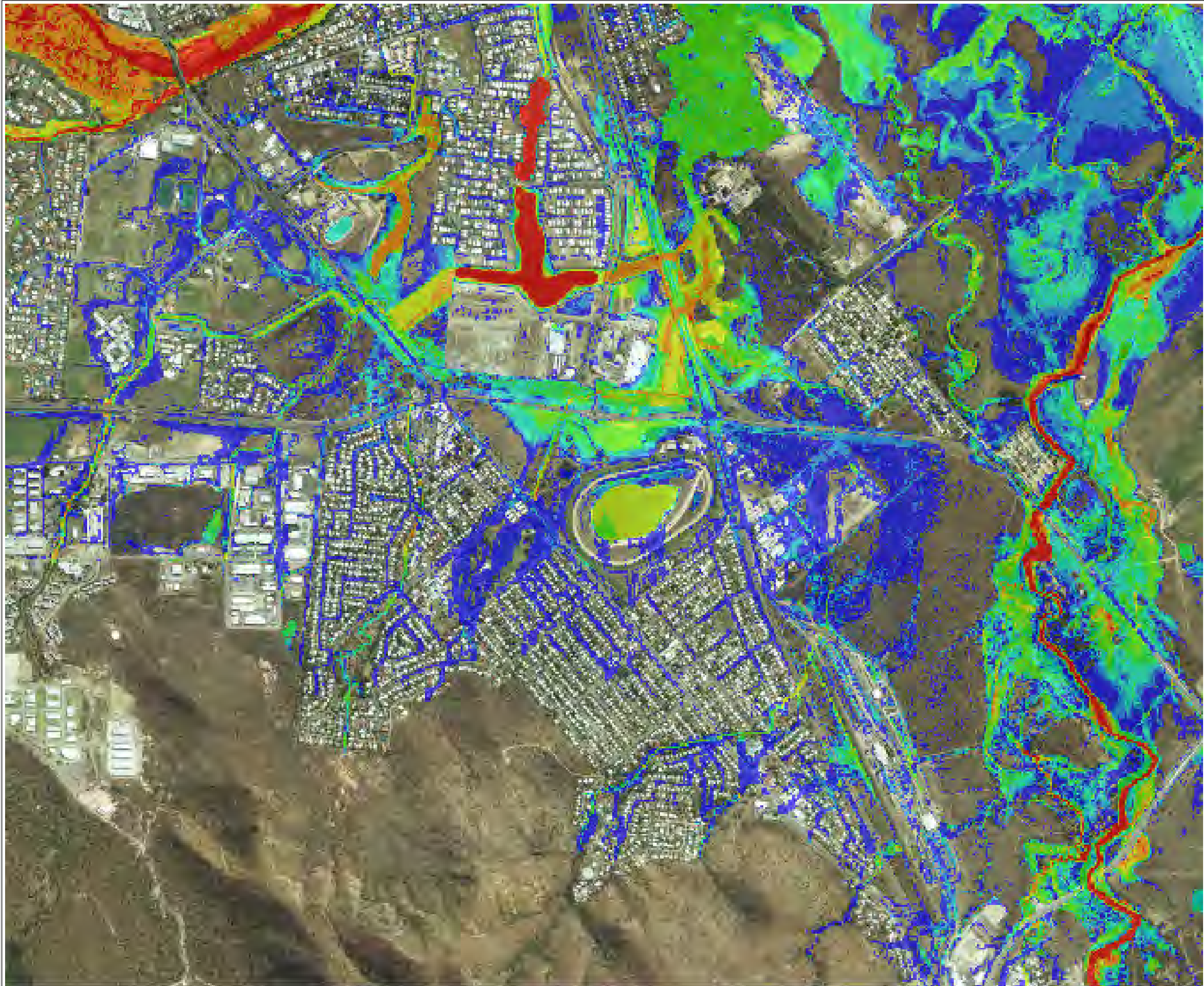


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D1.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Upper Study Area

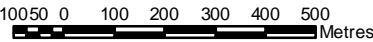
FIGURE D2.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D2.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
5 YEAR ARI

Lower Study Area

FIGURE D2.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

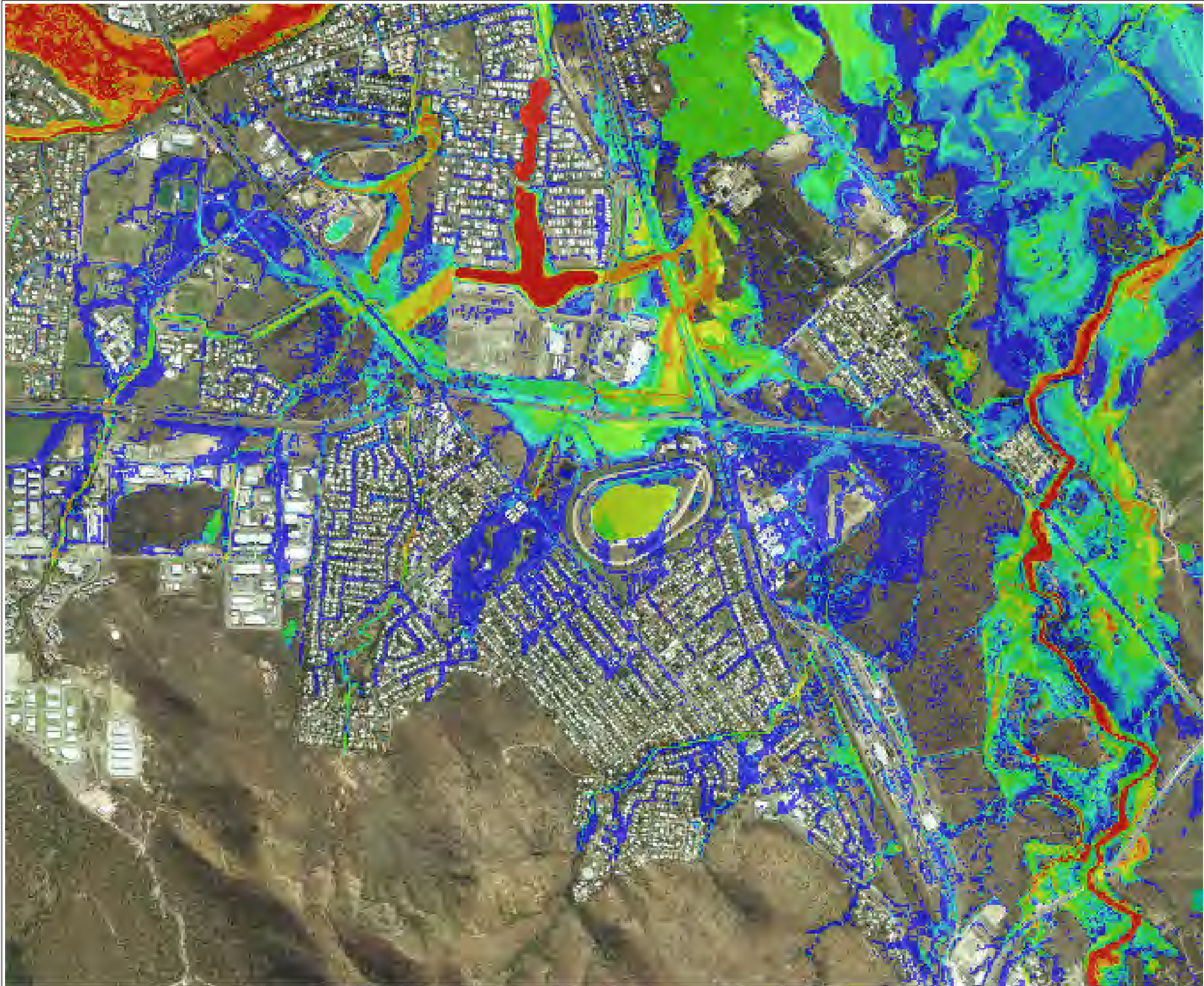


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D2.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
10 YEAR ARI**
Upper Study Area

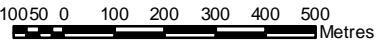
FIGURE D3.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D3.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
10 YEAR ARI

Lower Study Area

FIGURE D3.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D3.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
20 YEAR ARI

Upper Study Area

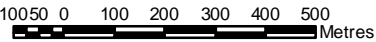
FIGURE D4.1

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D4.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
20 YEAR ARI

Lower Study Area

FIGURE D4.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

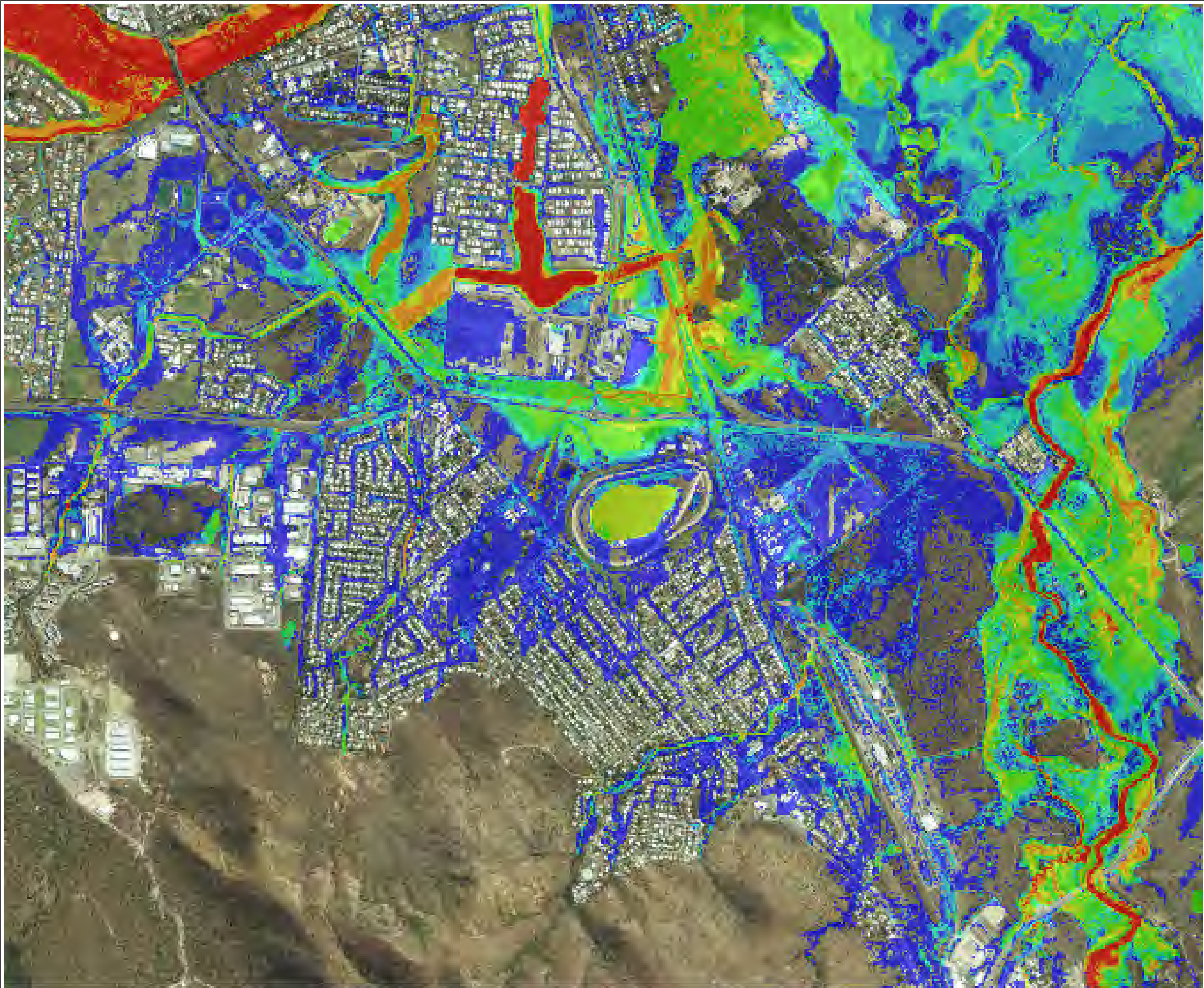


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D4.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
50 YEAR ARI**

Upper Study Area

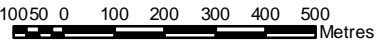
FIGURE D5.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D5.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
50 YEAR ARI

Lower Study Area

FIGURE D5.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

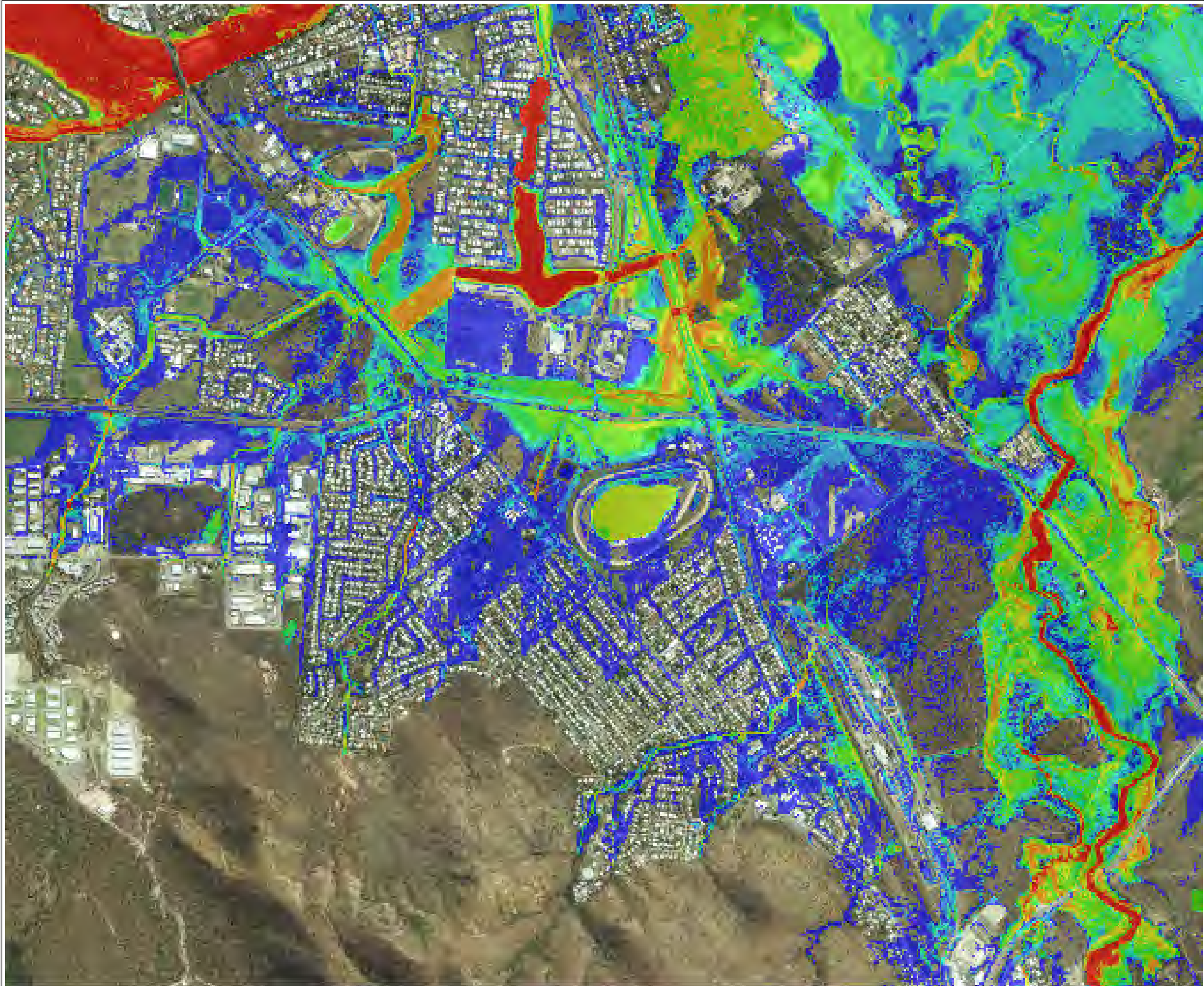


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D5.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
100 YEAR ARI**

Upper Study Area

FIGURE D6.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.








Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D6.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
100 YEAR ARI

Lower Study Area

FIGURE D6.2

Legend
Water Depth (m)

	0 - 0.3
	0.3 - 0.5
	0.5 - 0.75
	0.75 - 1
	1 - 1.5
	1.5 - 2
	2 - 3
	> 3

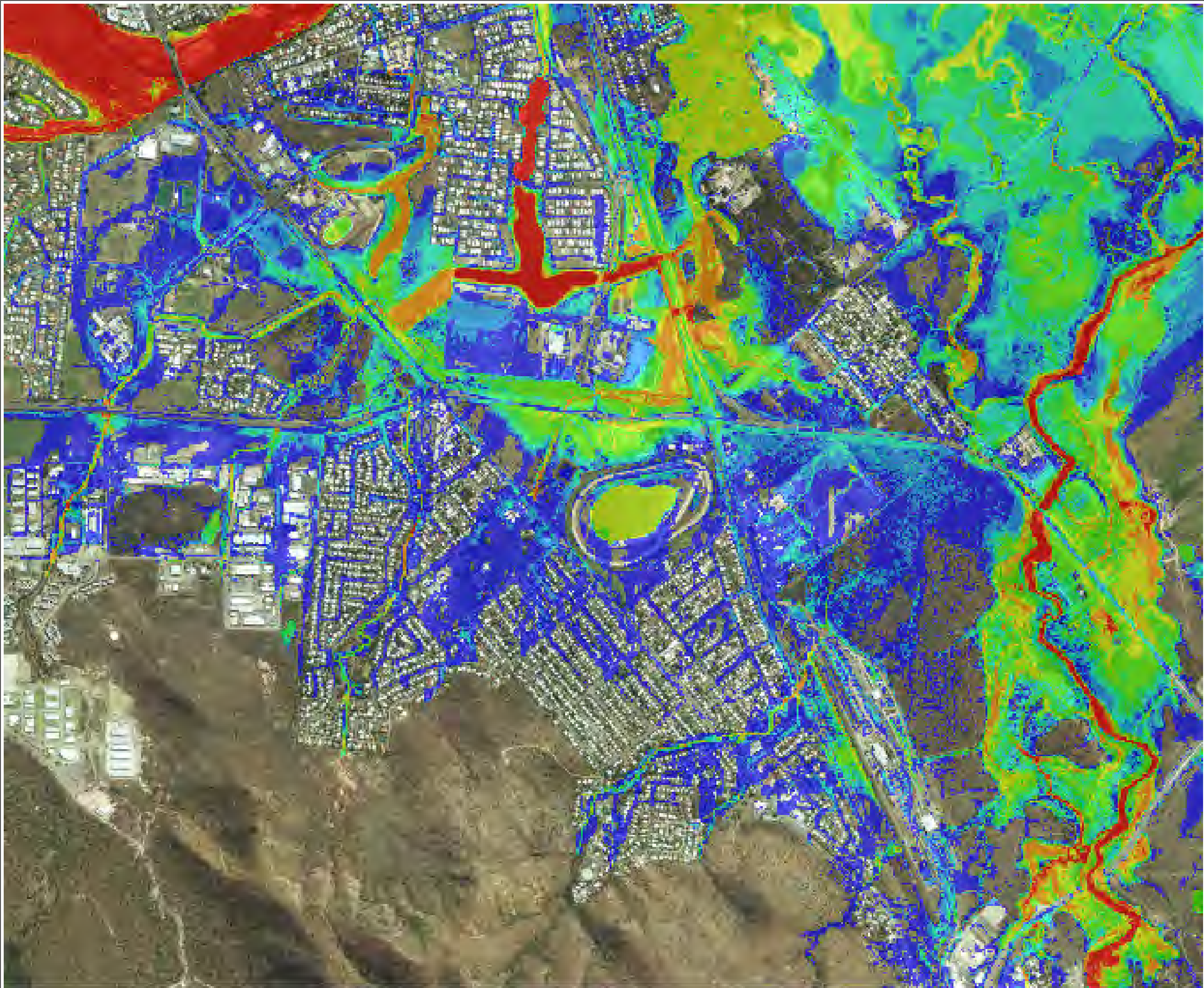


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D6.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
200 YEAR ARI**

Upper Study Area

FIGURE D7.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D7.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
200 YEAR ARI

Lower Study Area

FIGURE D7.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

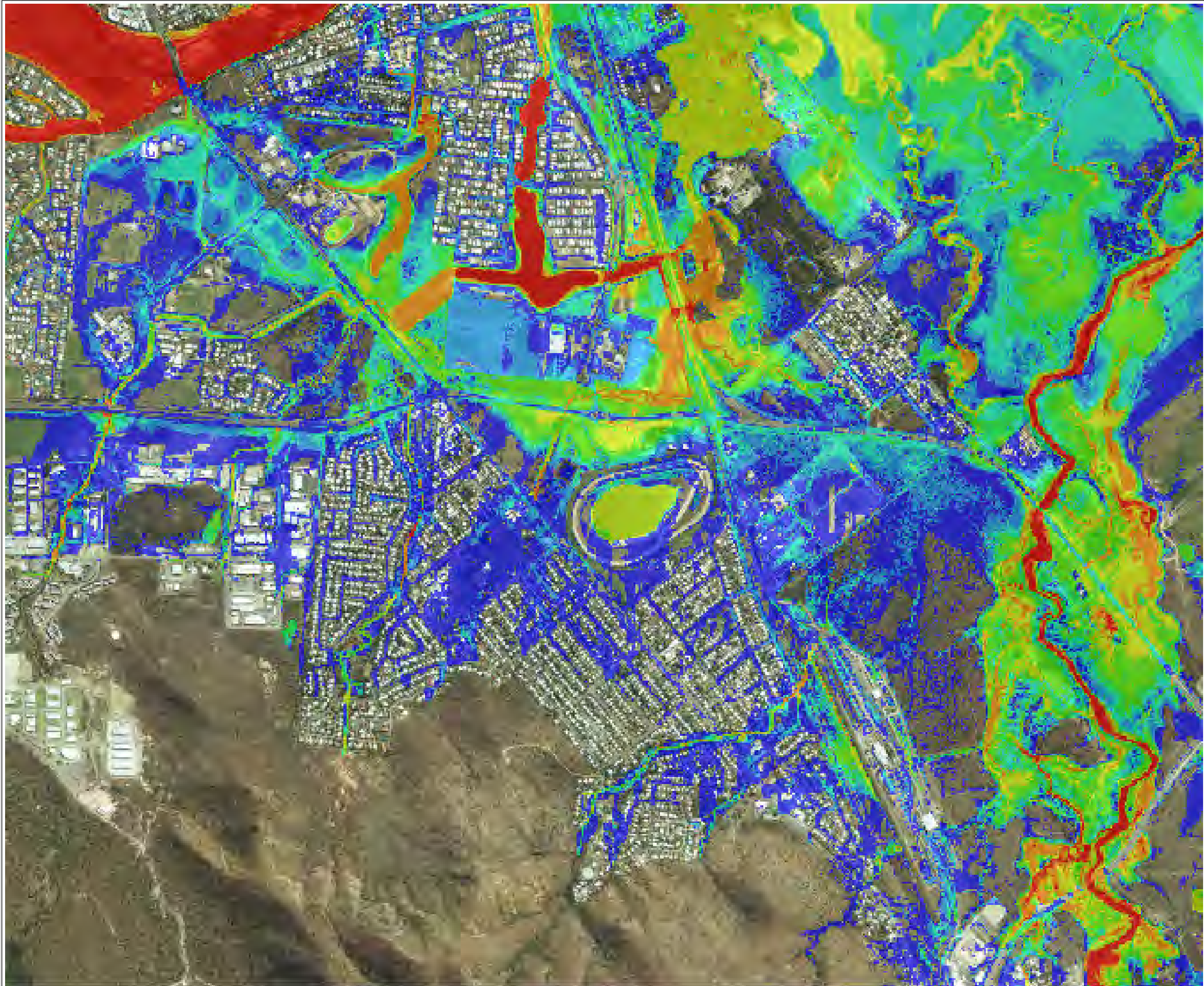


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D7.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Upper Study Area

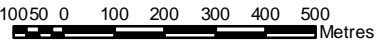
FIGURE D8.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D8.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
500 YEAR ARI

Lower Study Area

FIGURE D8.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3

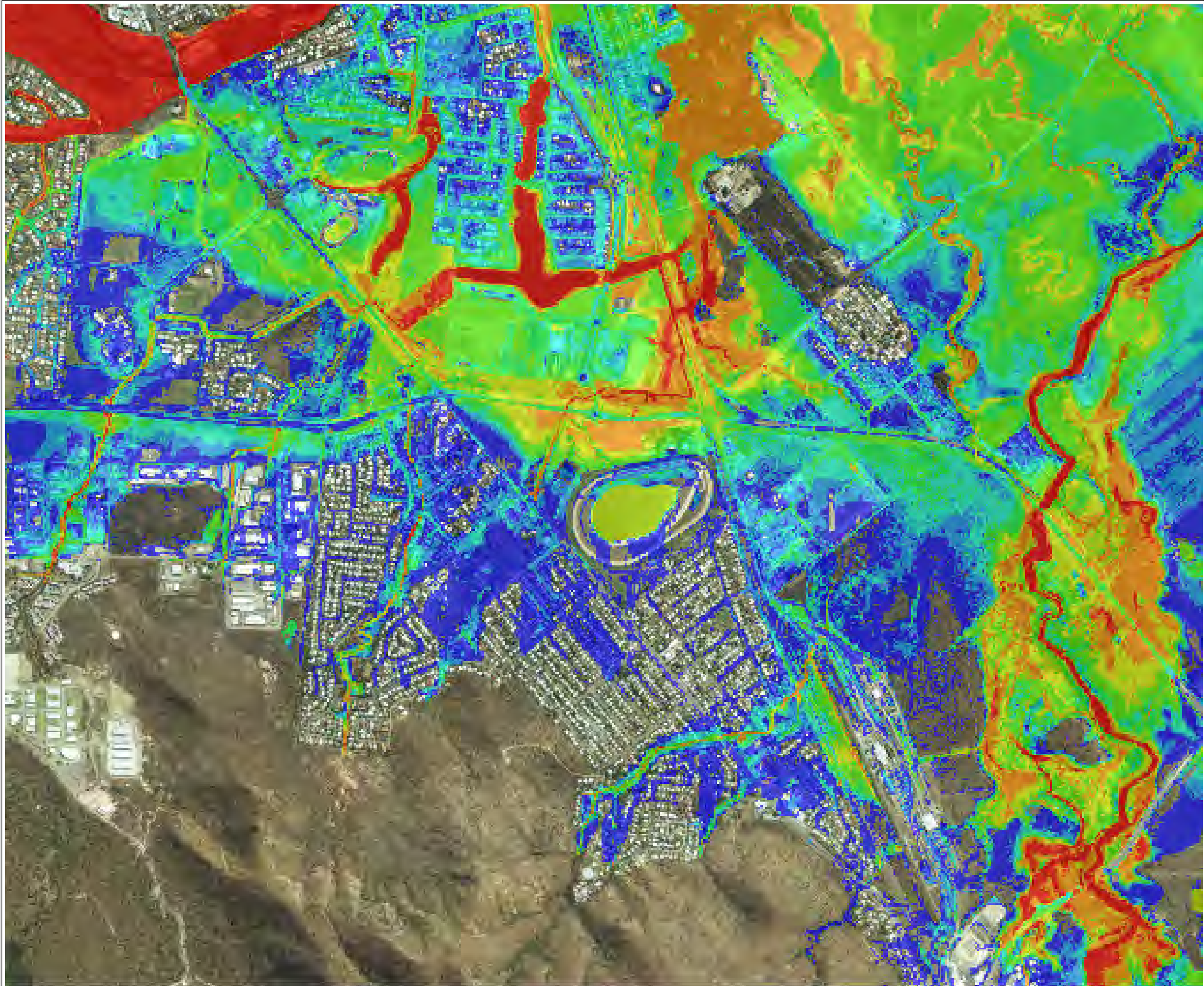


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D8.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
PMF**

Upper Study Area

FIGURE D9.1

**Legend
Water Depth (m)**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D9.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
PMF

Lower Study Area

FIGURE D9.2

Legend
Water Depth (m)

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D9.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Upper Study Area

FIGURE D10.1

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

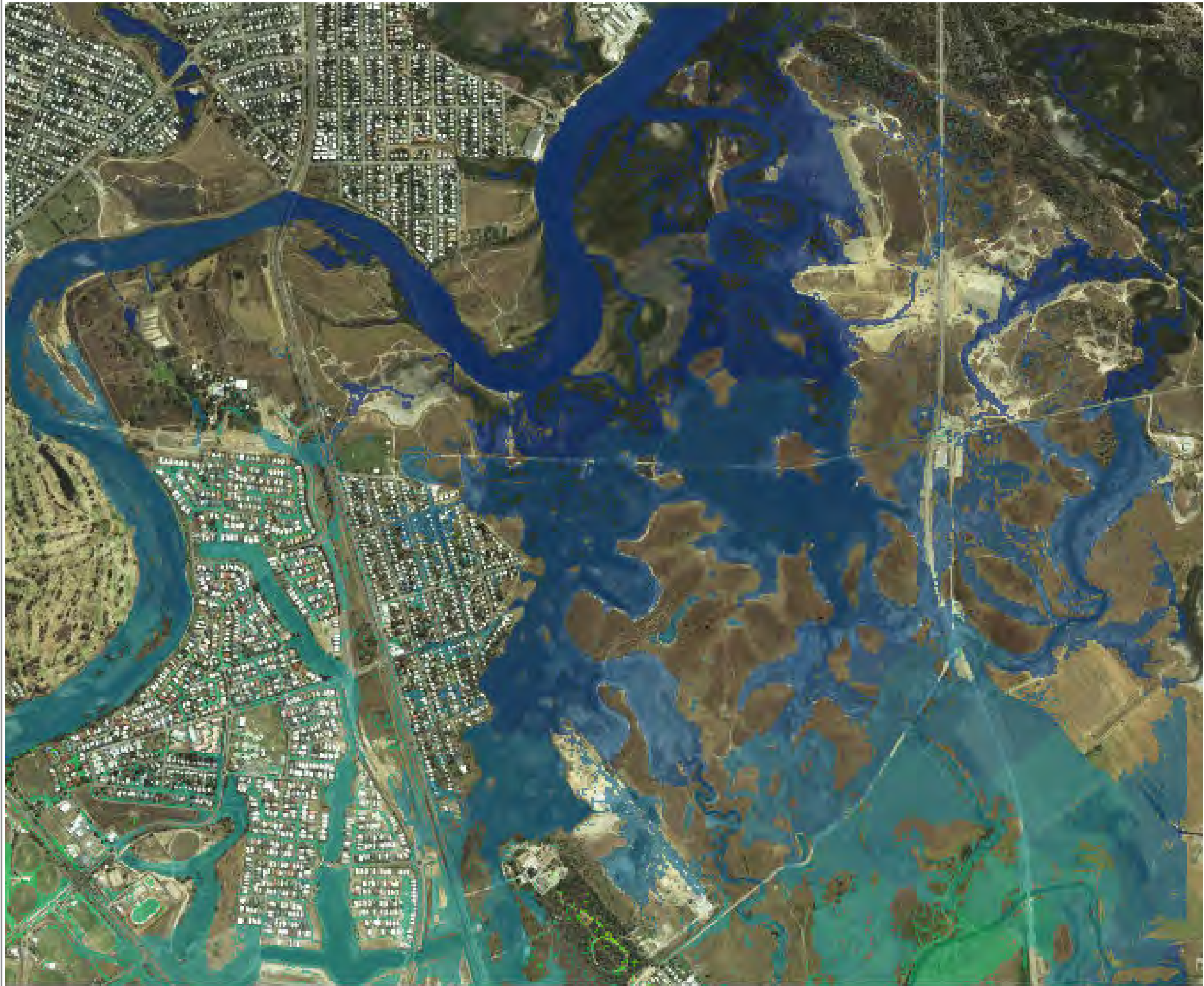
DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D10.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Lower Study Area

FIGURE D10.2

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D10.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Upper Study Area

FIGURE D11.1

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

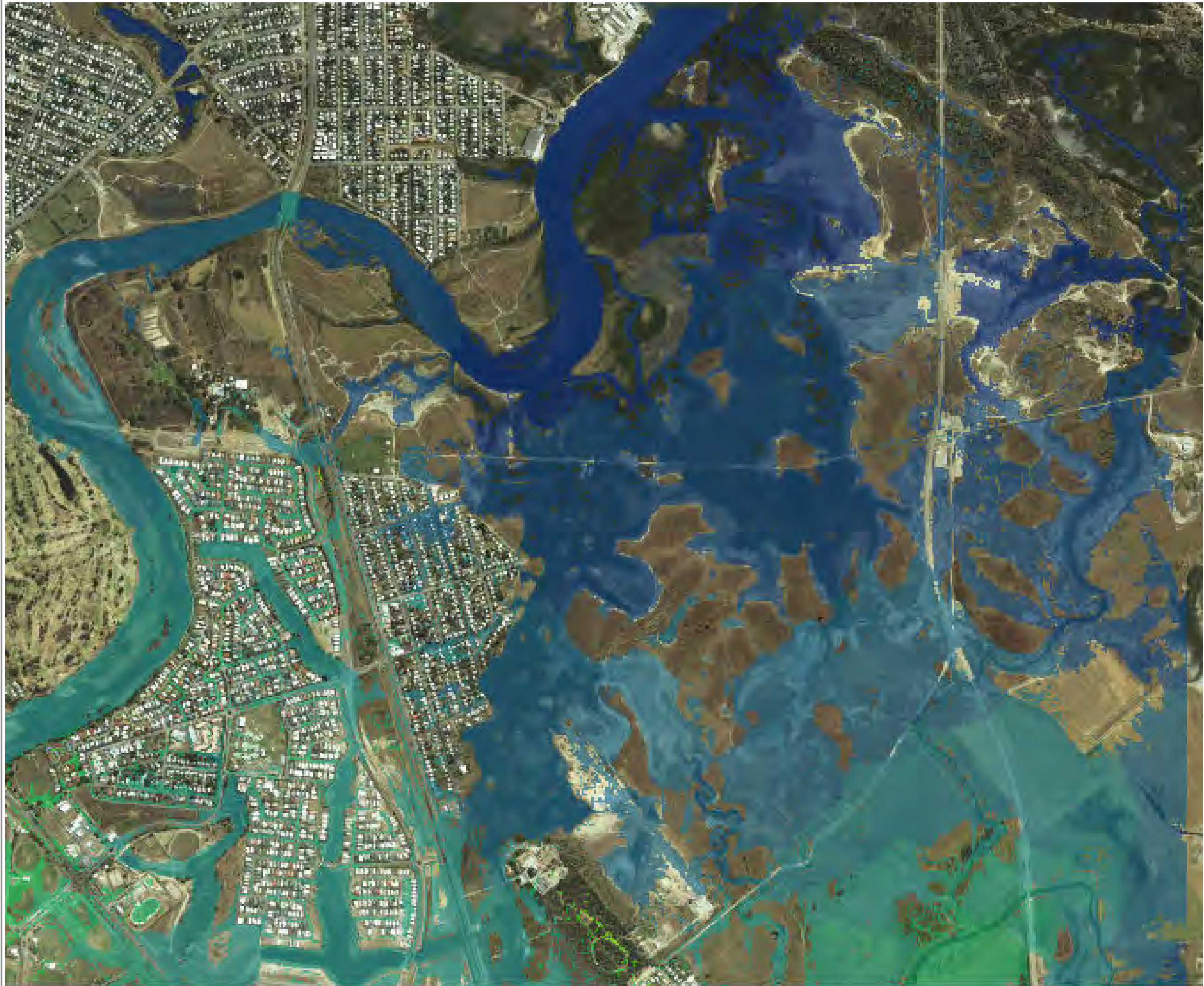
DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D11.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Lower Study Area

FIGURE D11.2

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D11.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
10 YEAR ARI**

Upper Study Area

FIGURE D12.1

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D12.mxd
© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
10 YEAR ARI

Lower Study Area

FIGURE D12.2

Legend

Flood Level (m AHD)

< 2	7.5 - 8
2 - 2.5	8 - 8.5
2.5 - 3	8.5 - 9
3 - 3.5	9 - 9.5
3.5 - 4	9.5 - 10
4 - 4.5	10 - 10.5
4.5 - 5	10.5 - 11
5 - 5.5	11 - 11.5
5.5 - 6	11.5 - 12
6 - 6.5	12 - 12.5
6.5 - 7	> 12.5
7 - 7.5	



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D12.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
20 YEAR ARI**

Upper Study Area

FIGURE D13.1

Legend

Flood Level (m AHD)

< 2	7.5 - 8
2 - 2.5	8 - 8.5
2.5 - 3	8.5 - 9
3 - 3.5	9 - 9.5
3.5 - 4	9.5 - 10
4 - 4.5	10 - 10.5
4.5 - 5	10.5 - 11
5 - 5.5	11 - 11.5
5.5 - 6	11.5 - 12
6 - 6.5	12 - 12.5
6.5 - 7	> 12.5
7 - 7.5	



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

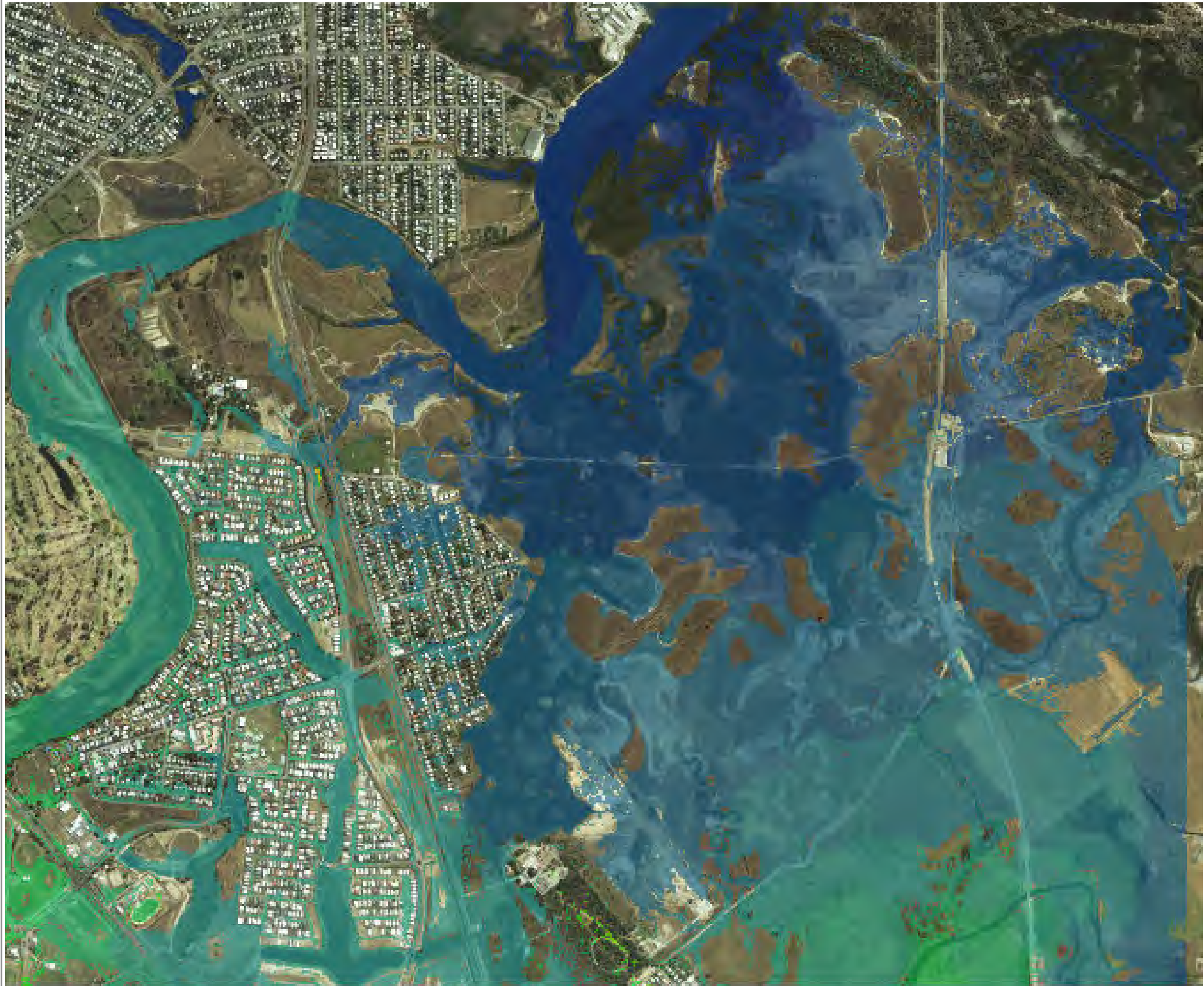
DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D13.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
20 YEAR ARI**

Lower Study Area

FIGURE D13.2

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D13.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
50 YEAR ARI**

Upper Study Area

FIGURE D14.1

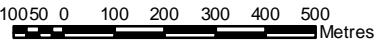
Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @A3



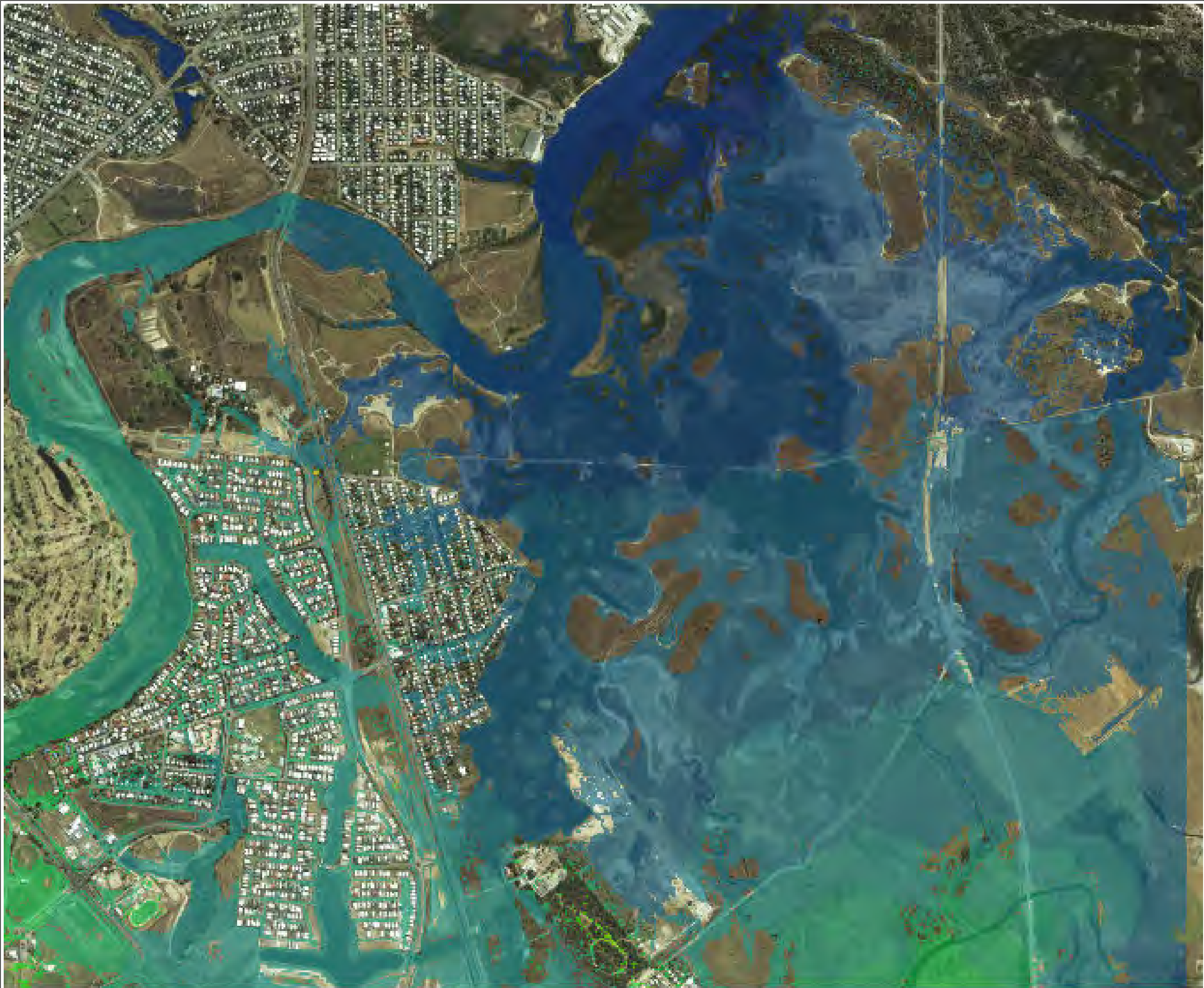
DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D14.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
50 YEAR ARI**

Lower Study Area

FIGURE D14.2

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D14.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
100 YEAR ARI**

Upper Study Area

FIGURE D15.1

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D15.mxd
© Townsville City Council 2014
























GORDON CREEK
FLOOD STUDY
100 YEAR ARI

Lower Study Area

FIGURE D15.2

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D15.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
200 YEAR ARI**

Upper Study Area

FIGURE D16.1

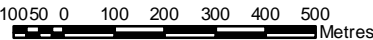
Legend

Flood Level (m AHD)

 < 2	 7.5 - 8
 2 - 2.5	 8 - 8.5
 2.5 - 3	 8.5 - 9
 3 - 3.5	 9 - 9.5
 3.5 - 4	 9.5 - 10
 4 - 4.5	 10 - 10.5
 4.5 - 5	 10.5 - 11
 5 - 5.5	 11 - 11.5
 5.5 - 6	 11.5 - 12
 6 - 6.5	 12 - 12.5
 6.5 - 7	 > 12.5
 7 - 7.5	



SCALE: 1:15,000 @A3



DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy

DATE PRINTED: 23/07/2014

DRAWN BY: MW4

DIGITAL FILE: Figure D16.mxd

© Townsville City Council 2014

GORDON CREEK
FLOOD STUDY
200 YEAR ARI

Lower Study Area

FIGURE D16.2

Legend

Flood Level (m AHD)

< 2	7.5 - 8
2 - 2.5	8 - 8.5
2.5 - 3	8.5 - 9
3 - 3.5	9 - 9.5
3.5 - 4	9.5 - 10
4 - 4.5	10 - 10.5
4.5 - 5	10.5 - 11
5 - 5.5	11 - 11.5
5.5 - 6	11.5 - 12
6 - 6.5	12 - 12.5
6.5 - 7	> 12.5
7 - 7.5	



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D16.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Upper Study Area

FIGURE D17.1

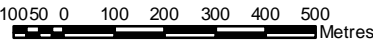
Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @A3

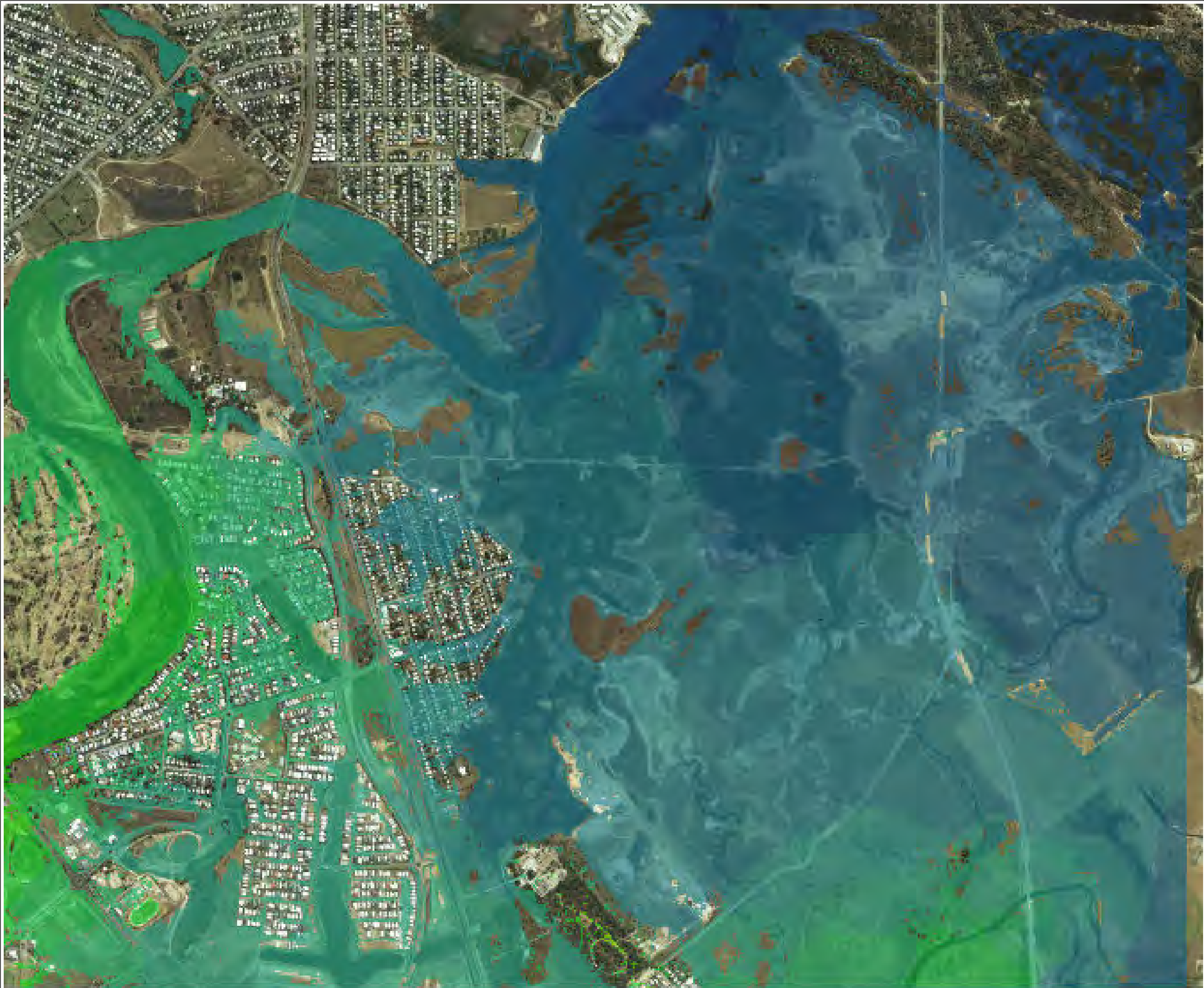


DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D17.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Lower Study Area

FIGURE D17.2

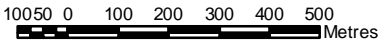
Legend

Flood Level (m AHD)

 < 2	 7.5 - 8
 2 - 2.5	 8 - 8.5
 2.5 - 3	 8.5 - 9
 3 - 3.5	 9 - 9.5
 3.5 - 4	 9.5 - 10
 4 - 4.5	 10 - 10.5
 4.5 - 5	 10.5 - 11
 5 - 5.5	 11 - 11.5
 5.5 - 6	 11.5 - 12
 6 - 6.5	 12 - 12.5
 6.5 - 7	 > 12.5
 7 - 7.5	



SCALE: 1:15,000 @A3



DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D17.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
PMF**

Upper Study Area

FIGURE D18.1

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

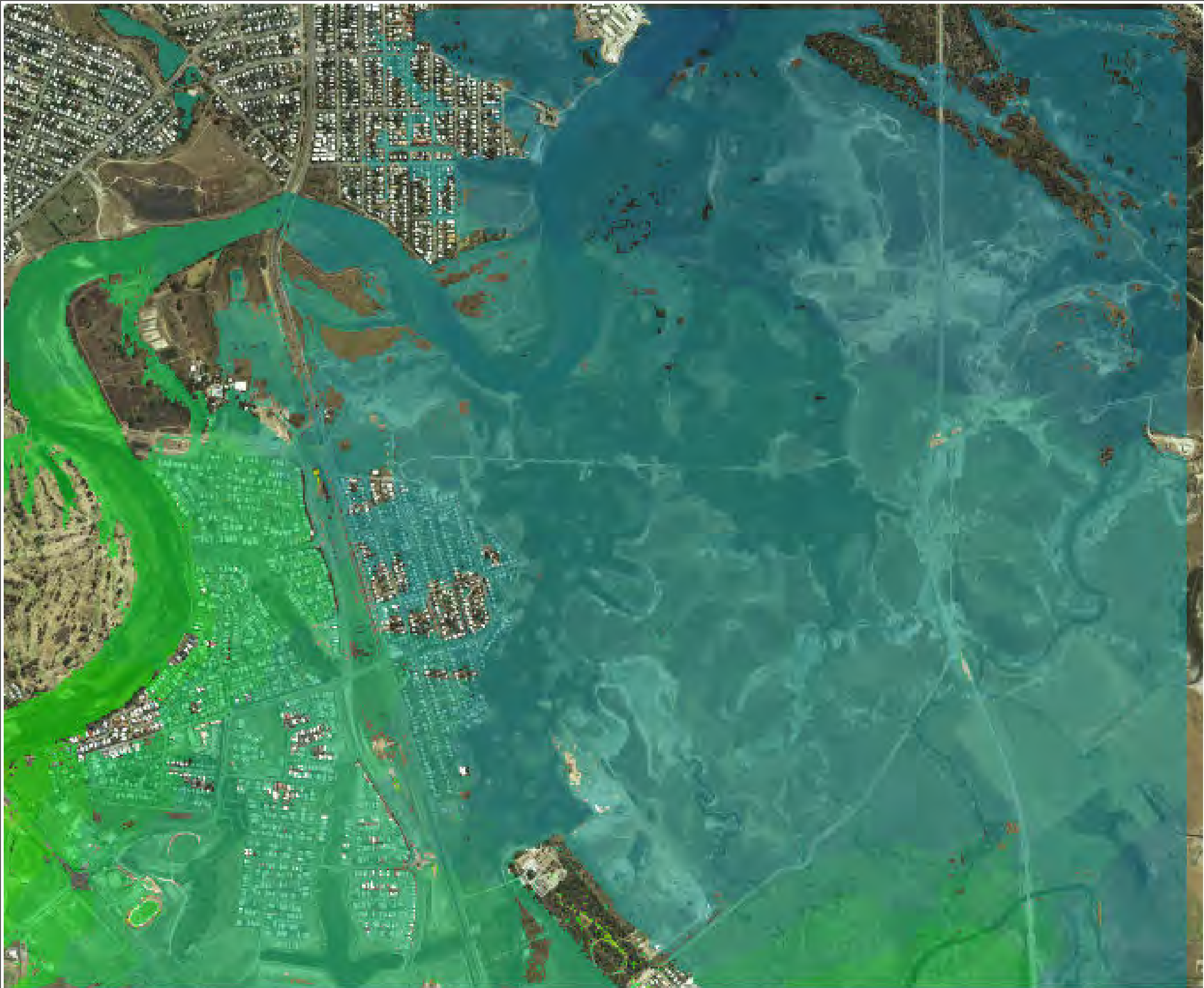
DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D18.mxd
© Townsville City Council 2014


























**GORDON CREEK
FLOOD STUDY
PMF**

Lower Study Area

FIGURE D18.2

Legend

Flood Level (m AHD)

	< 2		7.5 - 8
	2 - 2.5		8 - 8.5
	2.5 - 3		8.5 - 9
	3 - 3.5		9 - 9.5
	3.5 - 4		9.5 - 10
	4 - 4.5		10 - 10.5
	4.5 - 5		10.5 - 11
	5 - 5.5		11 - 11.5
	5.5 - 6		11.5 - 12
	6 - 6.5		12 - 12.5
	6.5 - 7		> 12.5
	7 - 7.5		



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.

This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D18.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Upper Study Area

FIGURE D19.1

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D19.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Lower Study Area

FIGURE D19.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D19.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Upper Study Area

FIGURE D20.1

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D20.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Lower Study Area

FIGURE D20.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D20.mxd
© Townsville City Council 2014













**GORDON CREEK
FLOOD STUDY
10 YEAR ARI**

Upper Study Area

FIGURE D21.1


Legend

Flow Velocity (m/s)

-  < 0.25
-  0.25 - 0.5
-  0.5 - 0.75
-  0.75 - 1
-  1 - 1.25
-  1.25 - 1.5
-  1.5 - 1.75
-  1.75 - 2
-  2 - 3
-  > 3

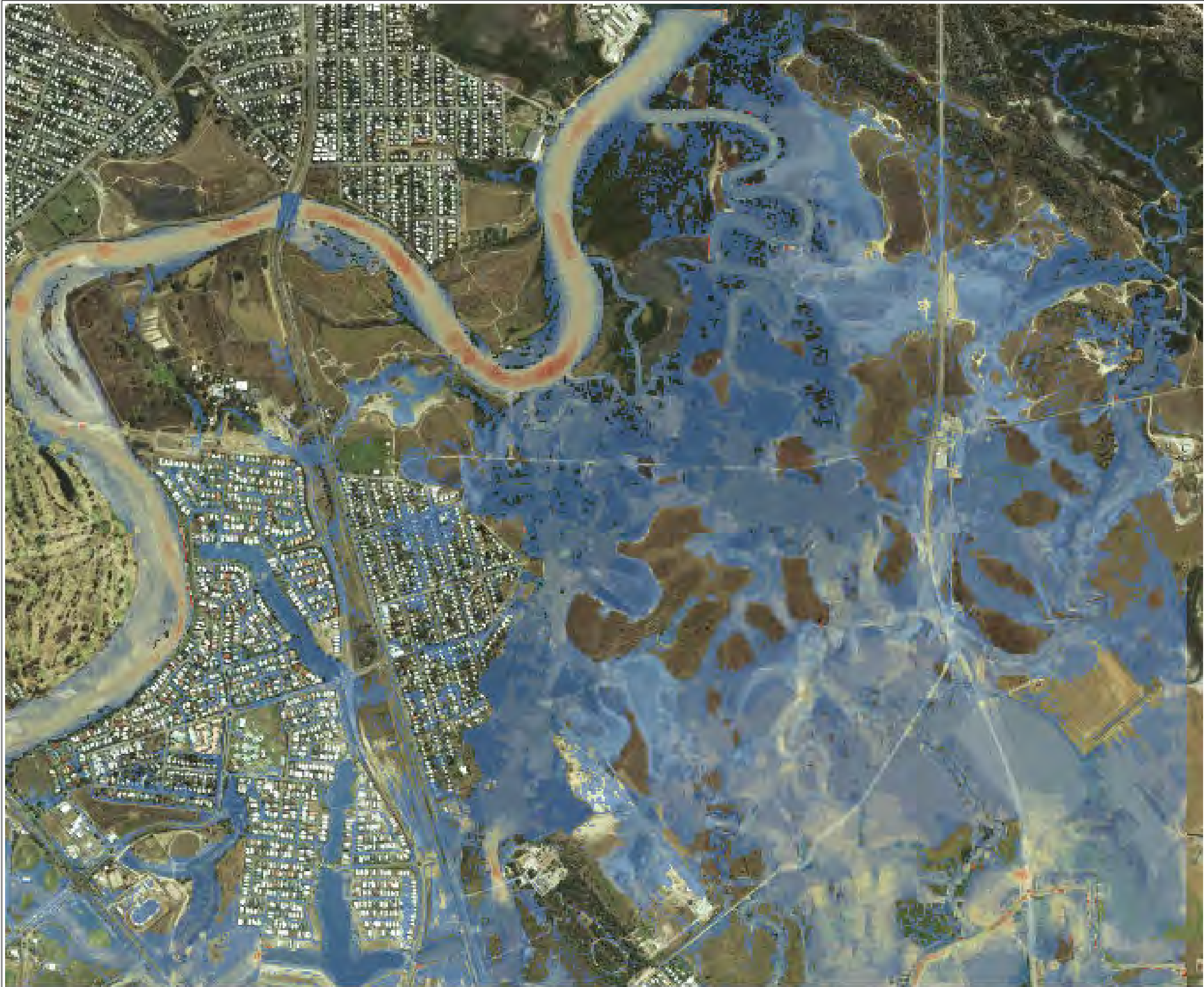


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D21.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
10 YEAR ARI**

Lower Study Area

FIGURE D21.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D21.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
20 YEAR ARI**

Upper Study Area

FIGURE D22.1

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3

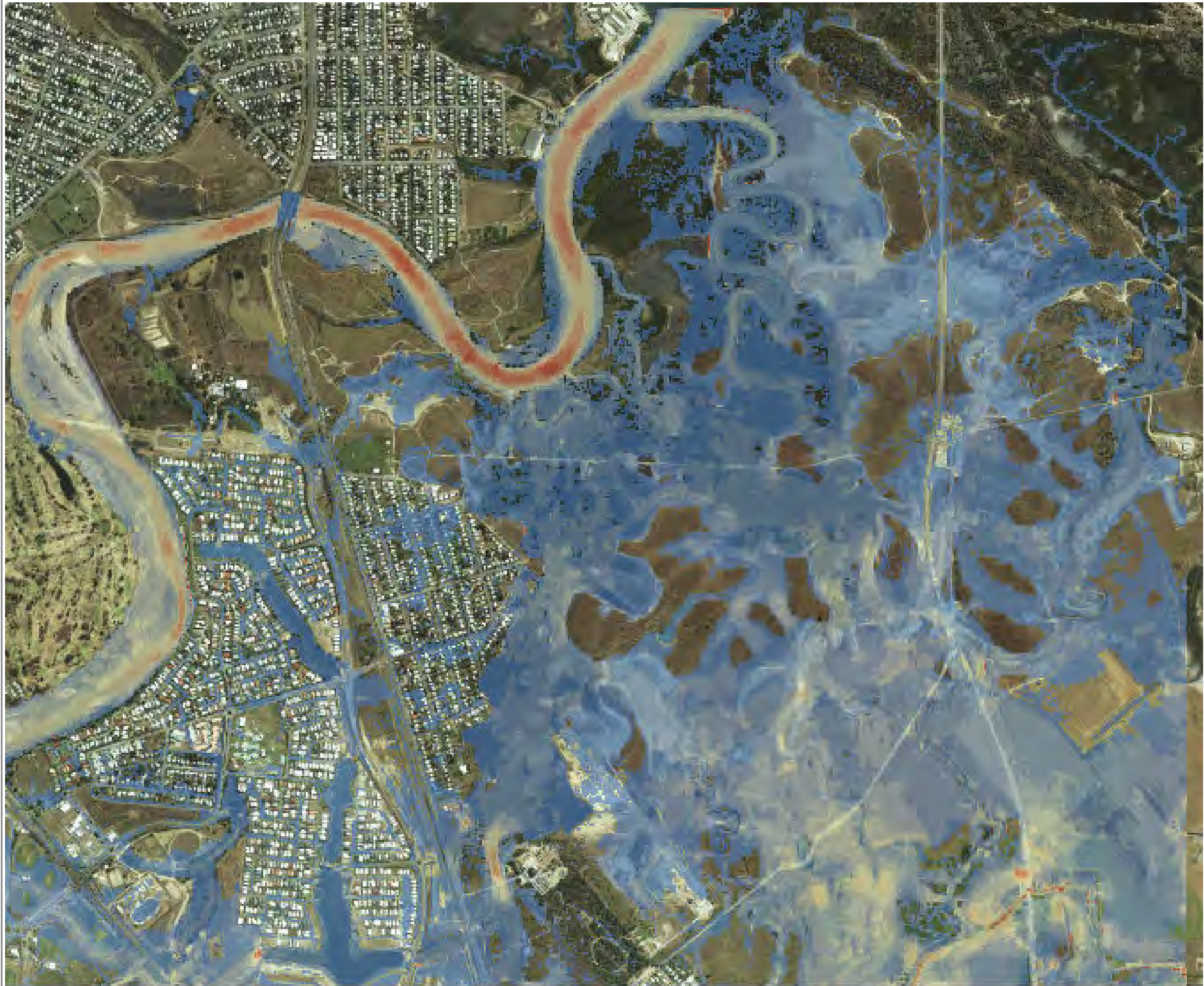


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D22.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
20 YEAR ARI**

Lower Study Area

FIGURE D22.2

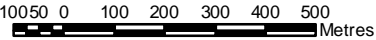
Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 23/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D22.mxd
© Townsville City Council 2014













**GORDON CREEK
FLOOD STUDY
50 YEAR ARI**

Upper Study Area

FIGURE D23.1


Legend

Flow Velocity (m/s)

-  < 0.25
-  0.25 - 0.5
-  0.5 - 0.75
-  0.75 - 1
-  1 - 1.25
-  1.25 - 1.5
-  1.5 - 1.75
-  1.75 - 2
-  2 - 3
-  > 3



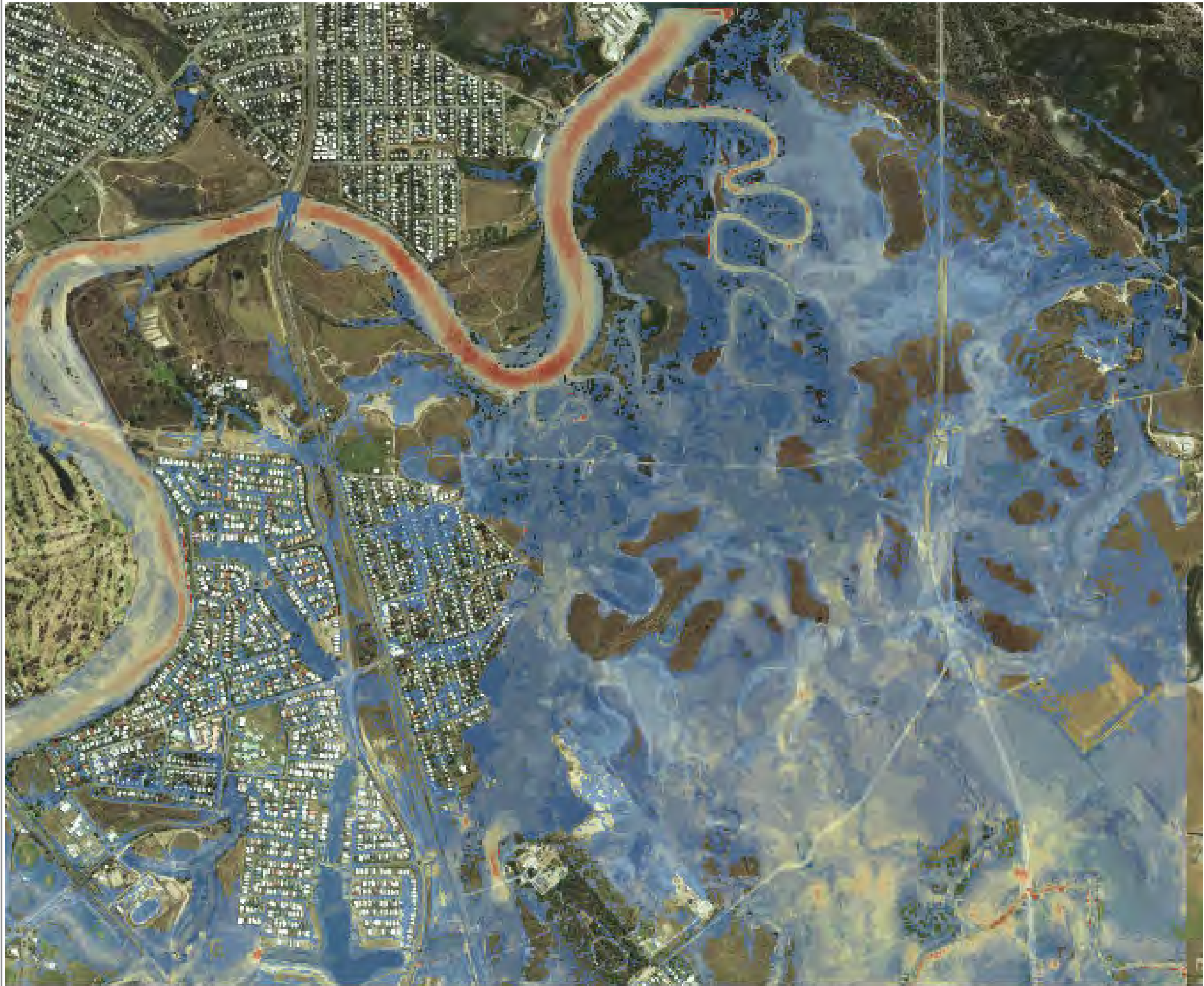
SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D23.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
50 YEAR ARI**

Lower Study Area

FIGURE D23.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D23.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
100 YEAR ARI**

Upper Study Area

FIGURE D24.1

**Legend
Flow Velocity (m/s)**

- Pits_Manholes
 - msm_Node
 - UnderGroundPipes
- | | |
|--|------------|
| | < 0.25 |
| | 0.25 - 0.5 |
| | 0.5 - 0.75 |
| | 0.75 - 1 |
| | 1 - 1.25 |
| | 1.25 - 1.5 |
| | 1.5 - 1.75 |
| | 1.75 - 2 |
| | 2 - 3 |
| | > 3 |



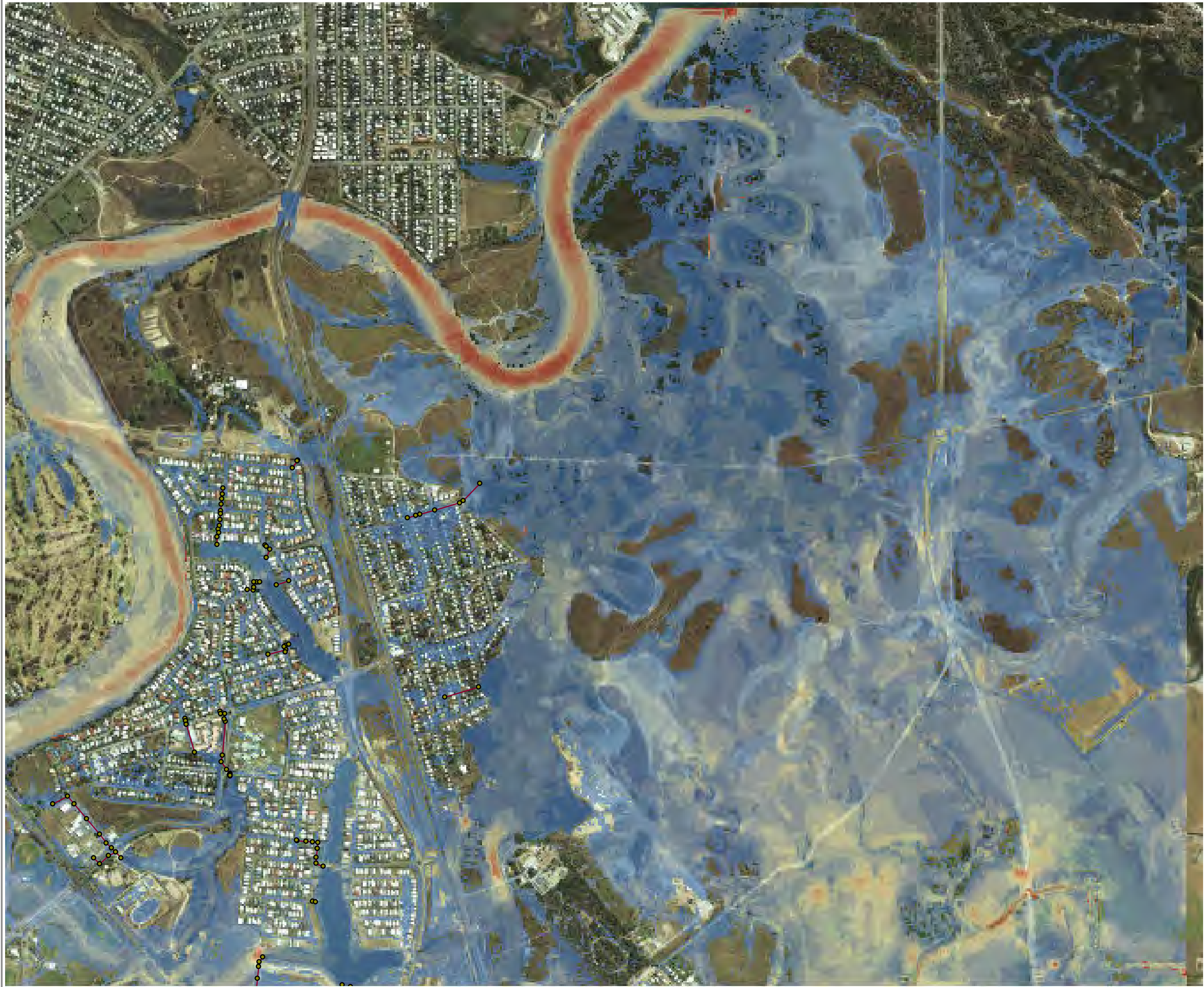
SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D24.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
100 YEAR ARI**

Lower Study Area

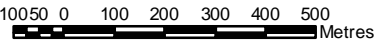
FIGURE D24.2

**Legend
Flow Velocity (m/s)**

- Pits_Manholes
 - msm_Node
 - UnderGroundPipes
- | | |
|--|------------|
| | < 0.25 |
| | 0.25 - 0.5 |
| | 0.5 - 0.75 |
| | 0.75 - 1 |
| | 1 - 1.25 |
| | 1.25 - 1.5 |
| | 1.5 - 1.75 |
| | 1.75 - 2 |
| | 2 - 3 |
| | > 3 |



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D24.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
200 YEAR ARI**

Upper Study Area

FIGURE D25.1

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3

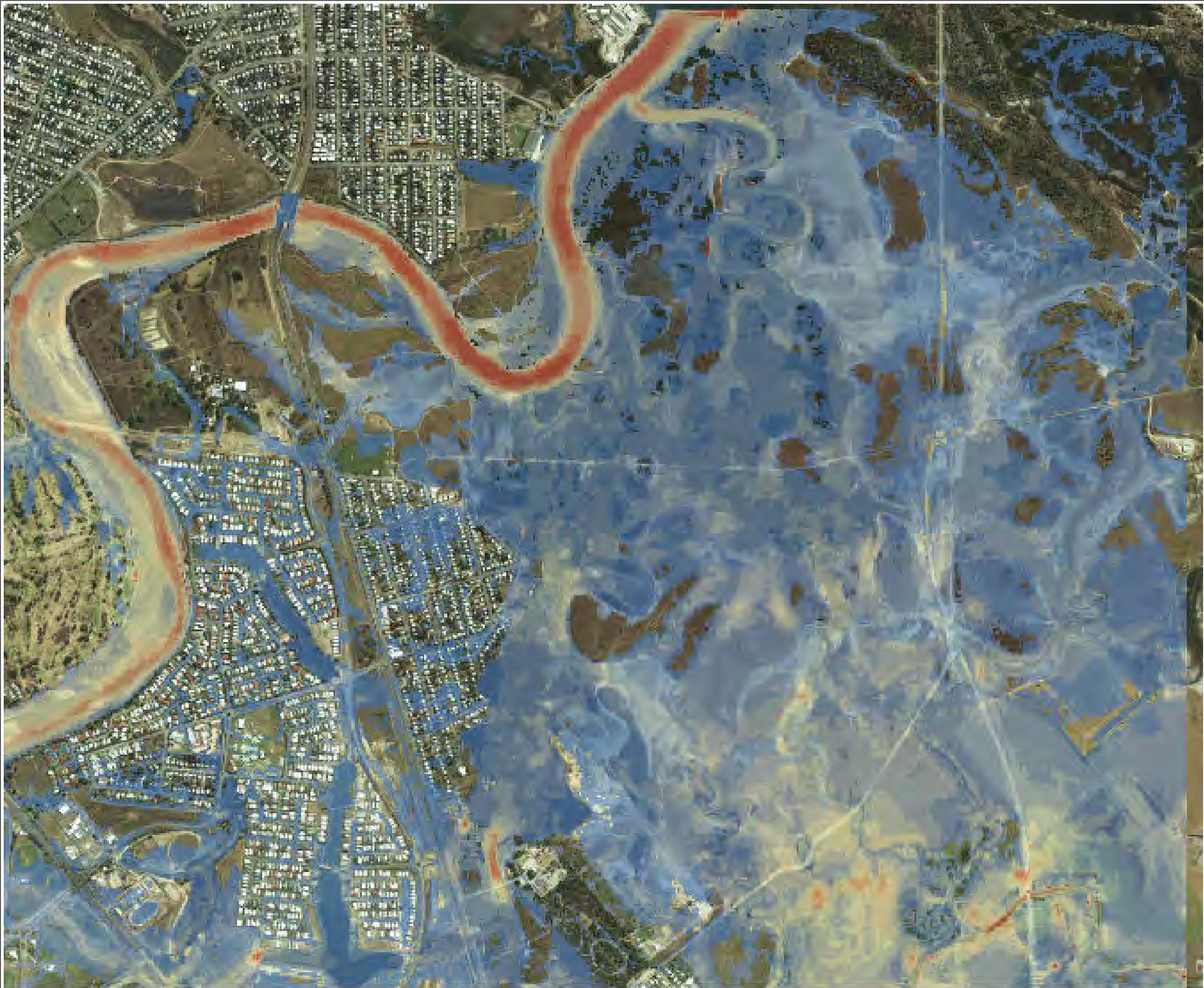


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D25.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
200 YEAR ARI**

Lower Study Area

FIGURE D25.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D25.mxd
© Townsville City Council 2014













**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Upper Study Area

FIGURE D26.1

Legend

Flow Velocity (m/s)

-  < 0.25
-  0.25 - 0.5
-  0.5 - 0.75
-  0.75 - 1
-  1 - 1.25
-  1.25 - 1.5
-  1.5 - 1.75
-  1.75 - 2
-  2 - 3
-  > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D26.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Lower Study Area

FIGURE D26.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D26.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
PMF ARI**

Upper Study Area

FIGURE D27.1

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D27.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
PMF ARI**

Lower Study Area

FIGURE D27.2

Legend

Flow Velocity (m/s)

- < 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75
- 1.75 - 2
- 2 - 3
- > 3



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D27.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Upper Study Area

FIGURE D28.1

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

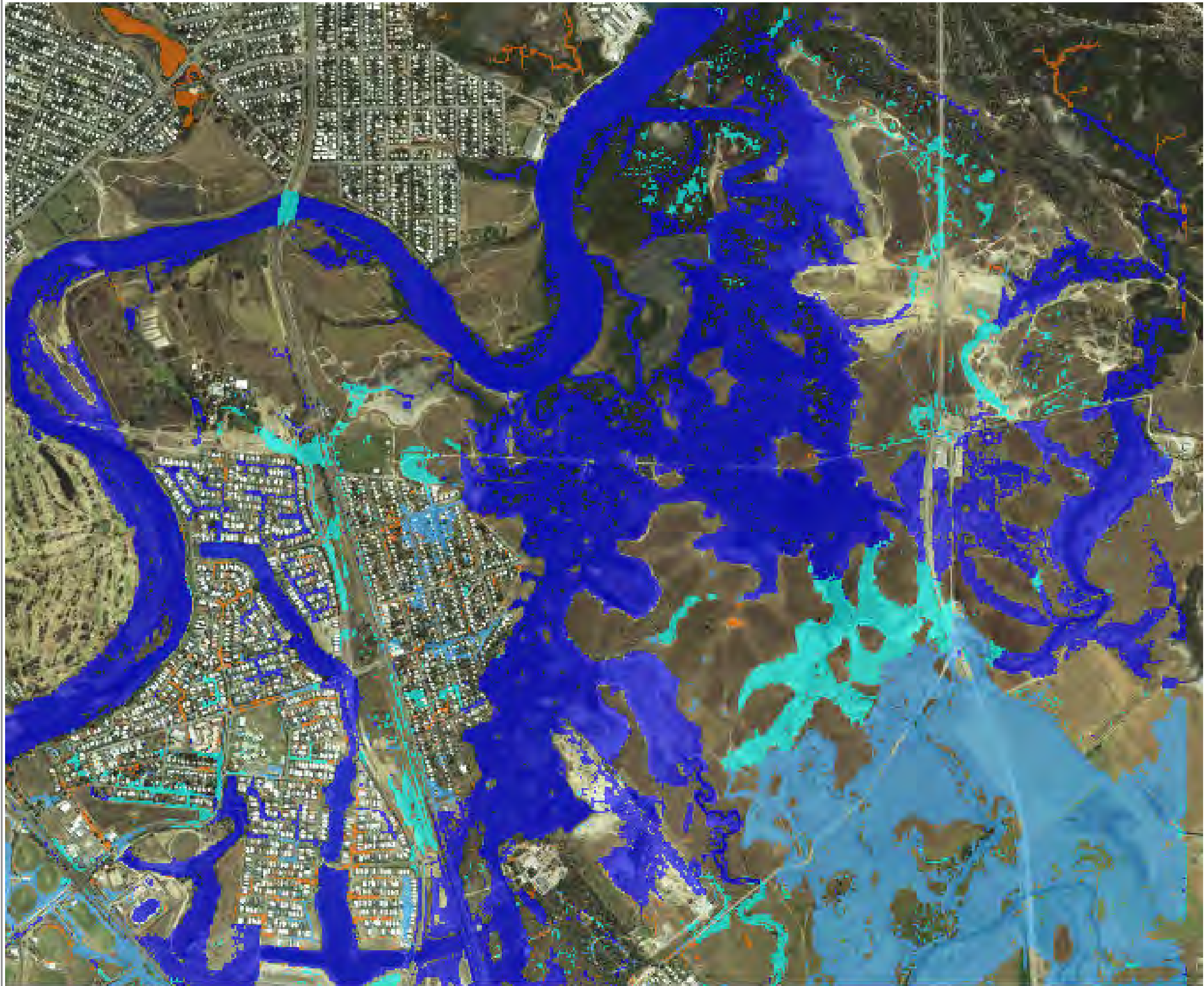


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D28.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
2 YEAR ARI**

Lower Study Area

FIGURE D28.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D28.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Upper Study Area

FIGURE D29.1

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

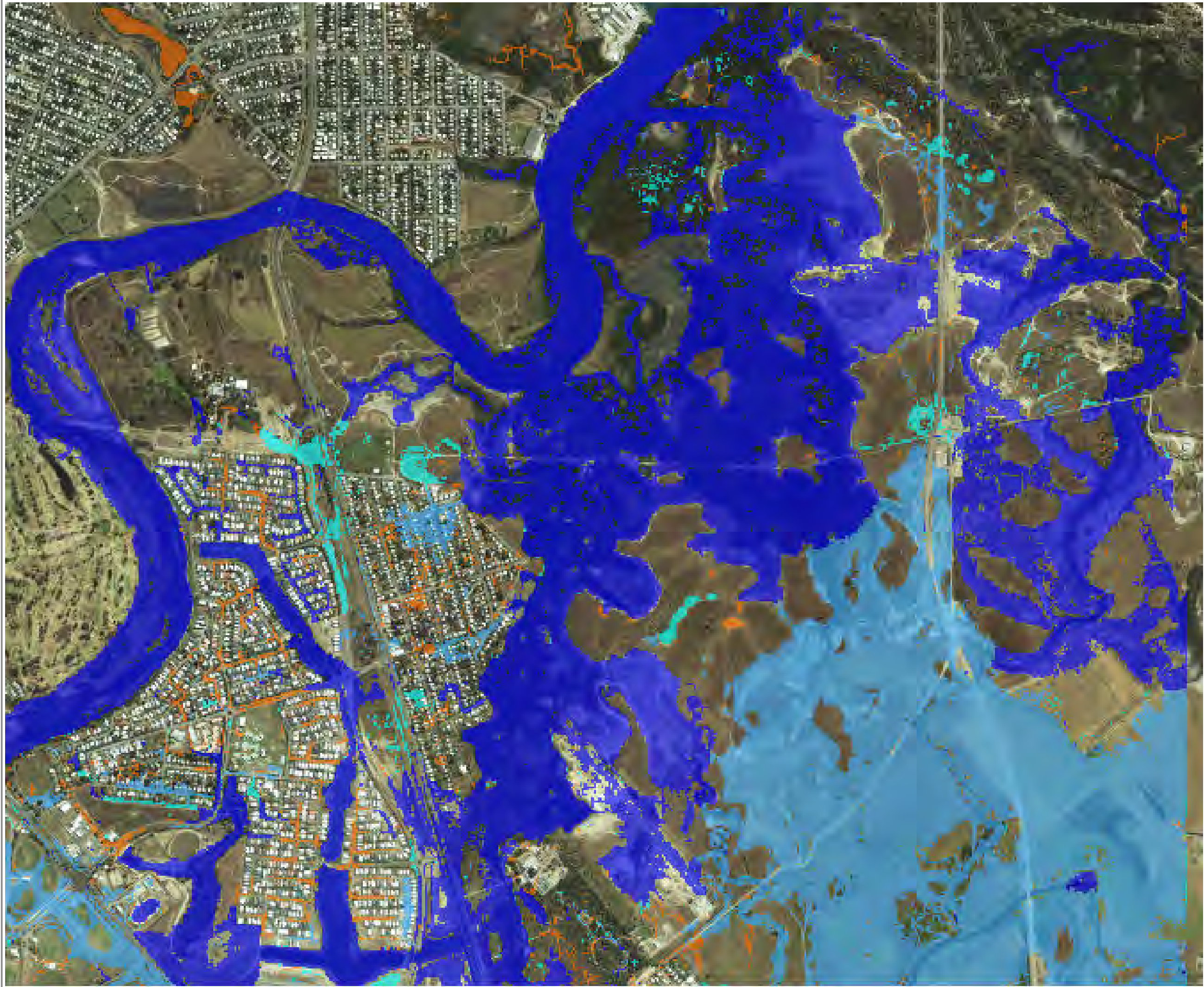


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D29.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
5 YEAR ARI**

Lower Study Area

FIGURE D29.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D29.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
10 YEAR ARI**

Upper Study Area

FIGURE D30.1

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



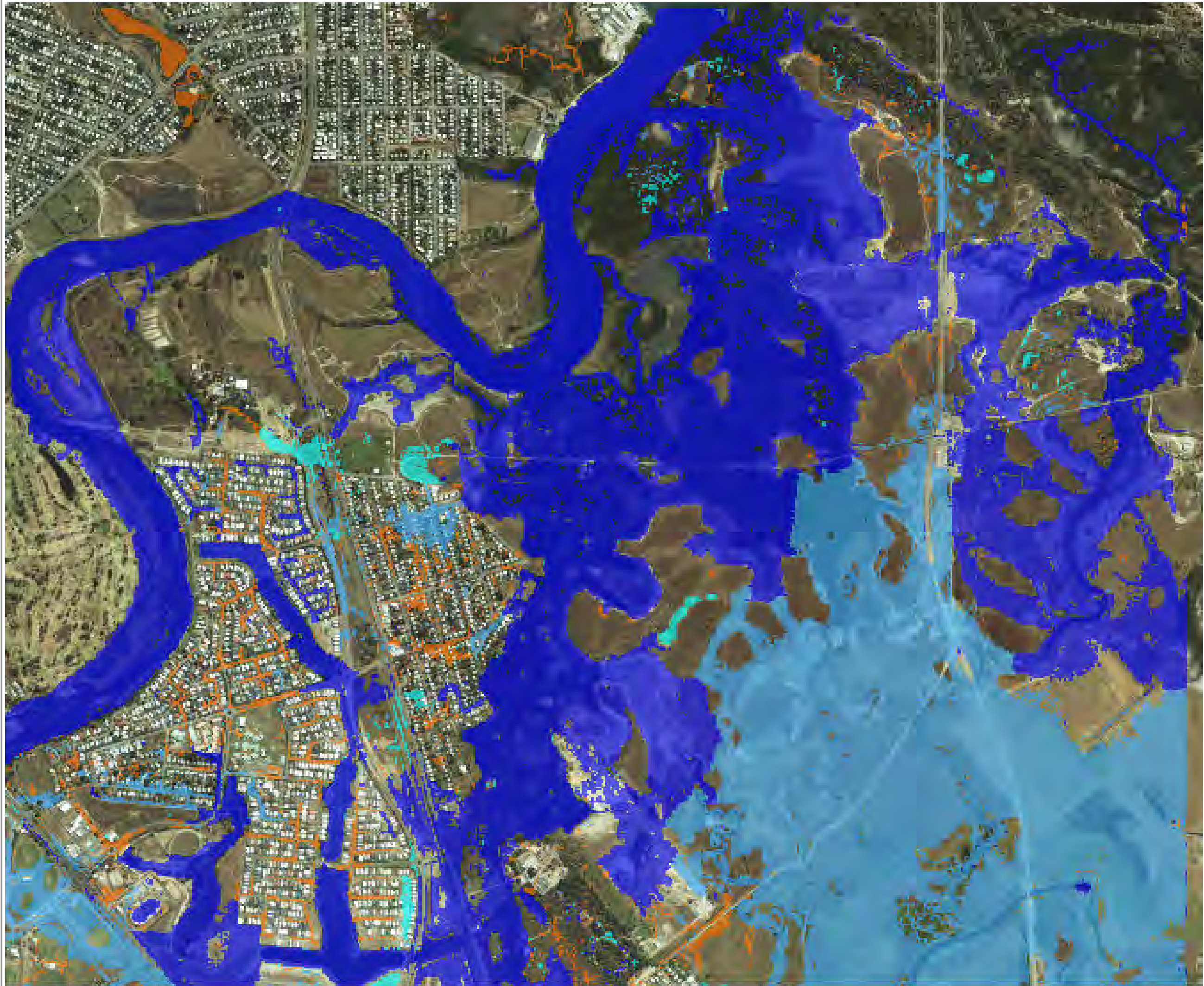
SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D30.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
10 YEAR ARI**

Lower Study Area

FIGURE D30.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D30.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
20 YEAR ARI**

Upper Study Area

FIGURE D31.1

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

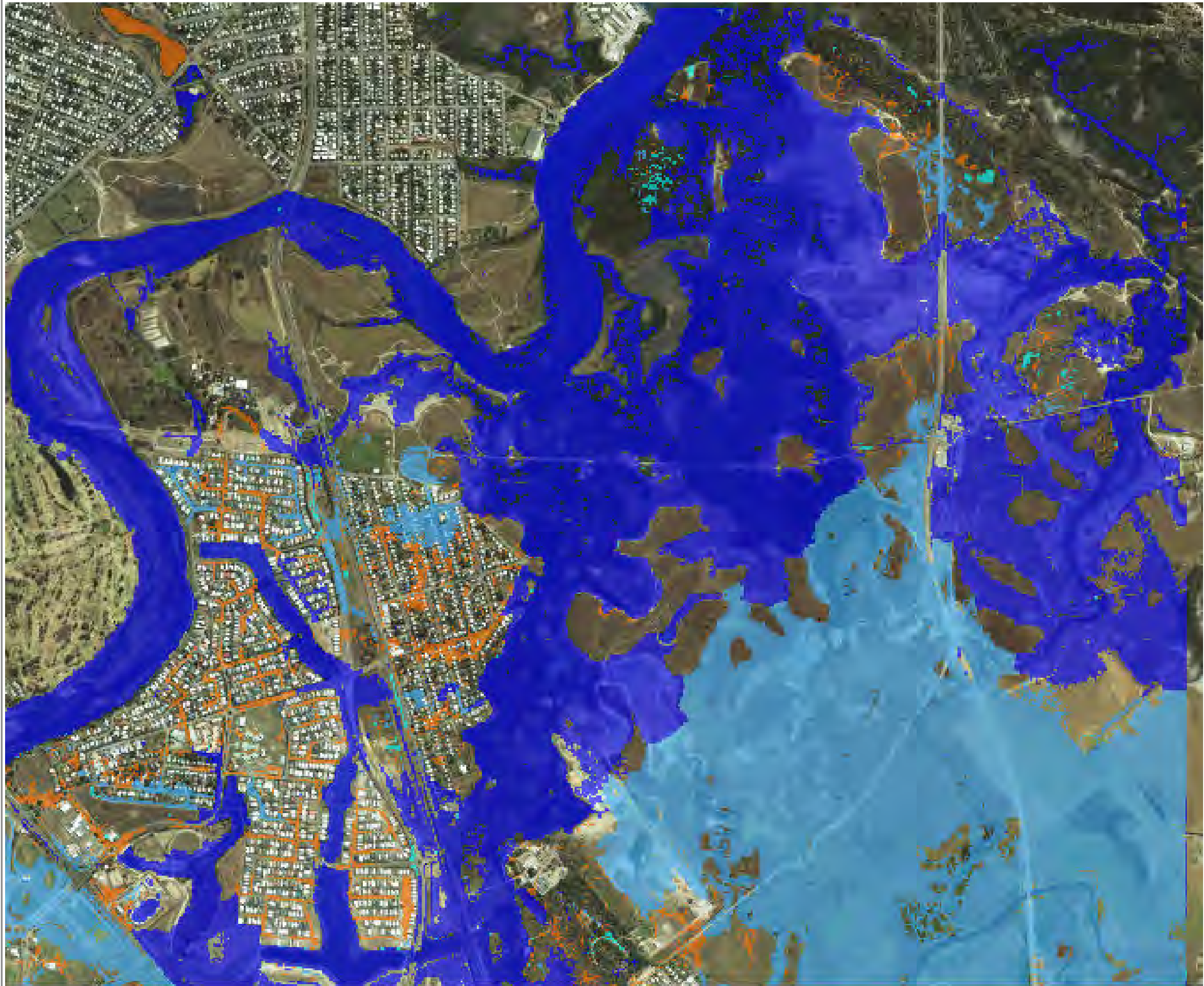


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D31.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
20 YEAR ARI**

Lower Study Area

FIGURE D31.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

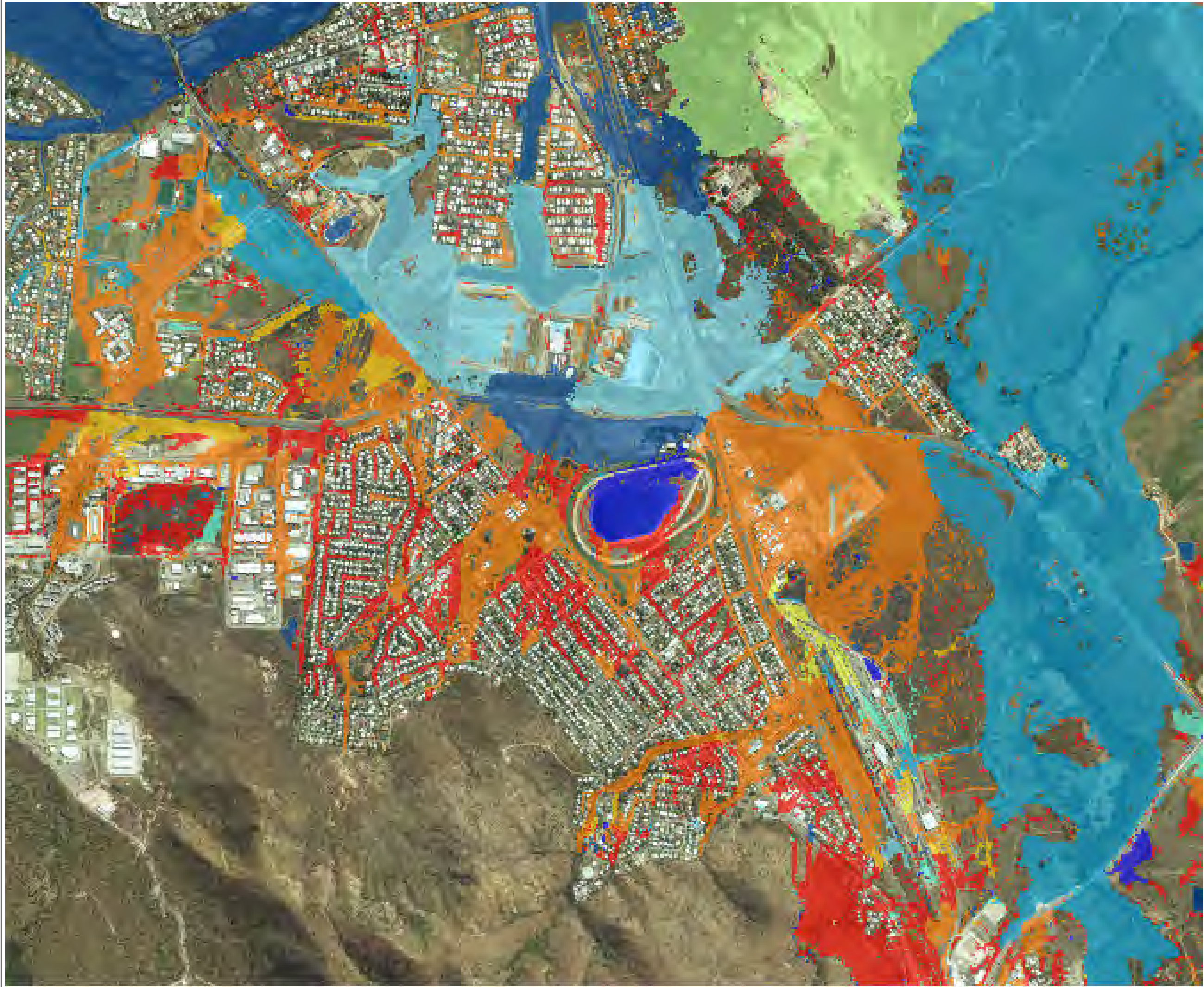


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D31.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
50 YEAR ARI
Upper Study Area**

FIGURE D32.1

Legend

Critical Duration

50 Y ARI

- 1 h
- 1.5 h
- 2 h
- 3 h
- 6 h
- 12 h
- 18 h
- 24 h
- 48h
- 72h



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D32.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
50 YEAR ARI**
Lower Study Area

FIGURE D32.2

Legend

Critical Duration

50 Y ARI

- 1 h
- 1.5 h
- 2 h
- 3 h
- 6 h
- 12 h
- 18 h
- 24 h
- 48h
- 72h

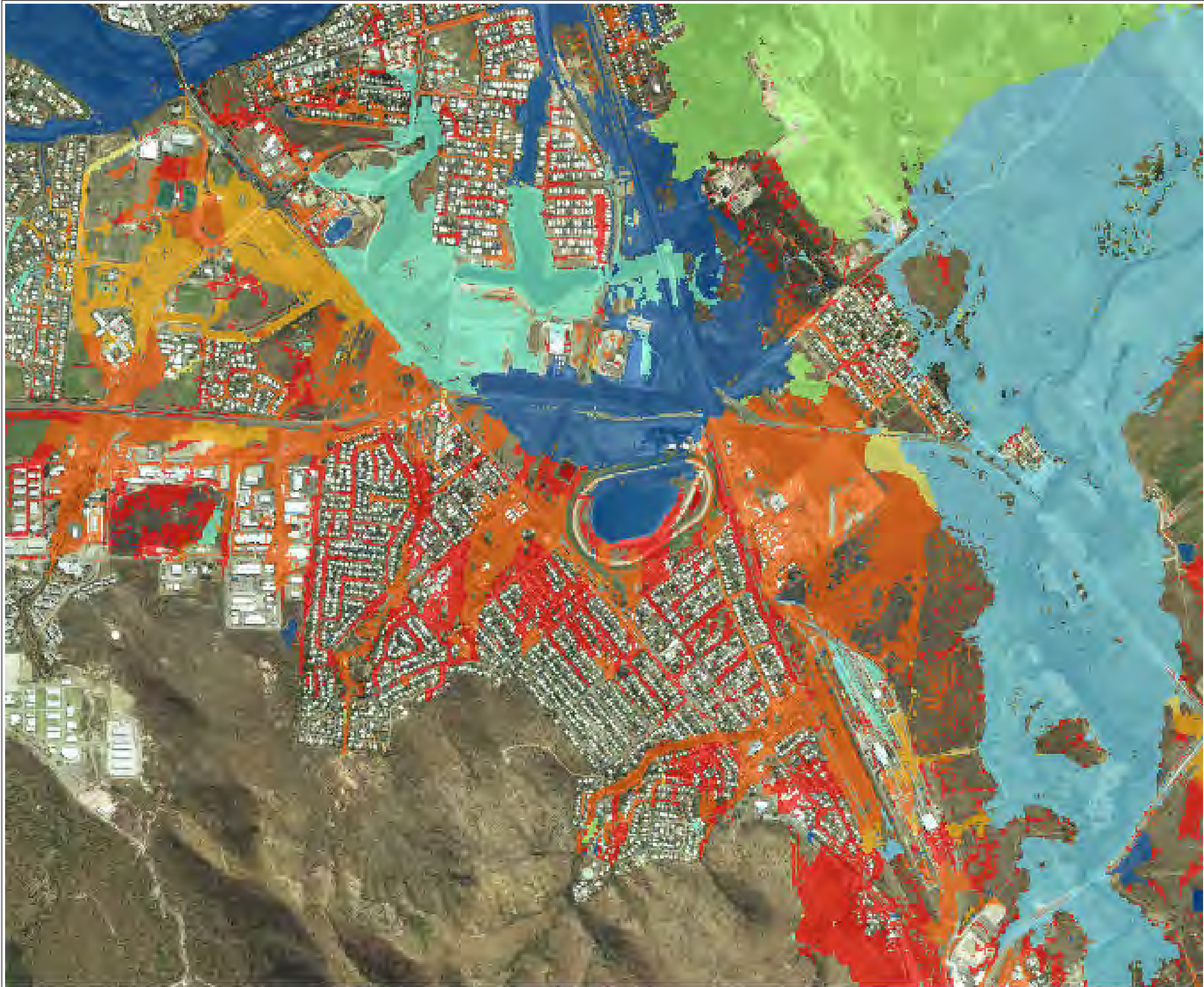


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500
Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D32.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
100 YEAR ARI**
Upper Study Area

FIGURE D33.1

Legend

**Critical Duration
(100 Y ARI)**

- 1 h
- 1.5 h
- 2 h
- 3 h
- 6 h
- 18 h
- 24 h
- 72 h

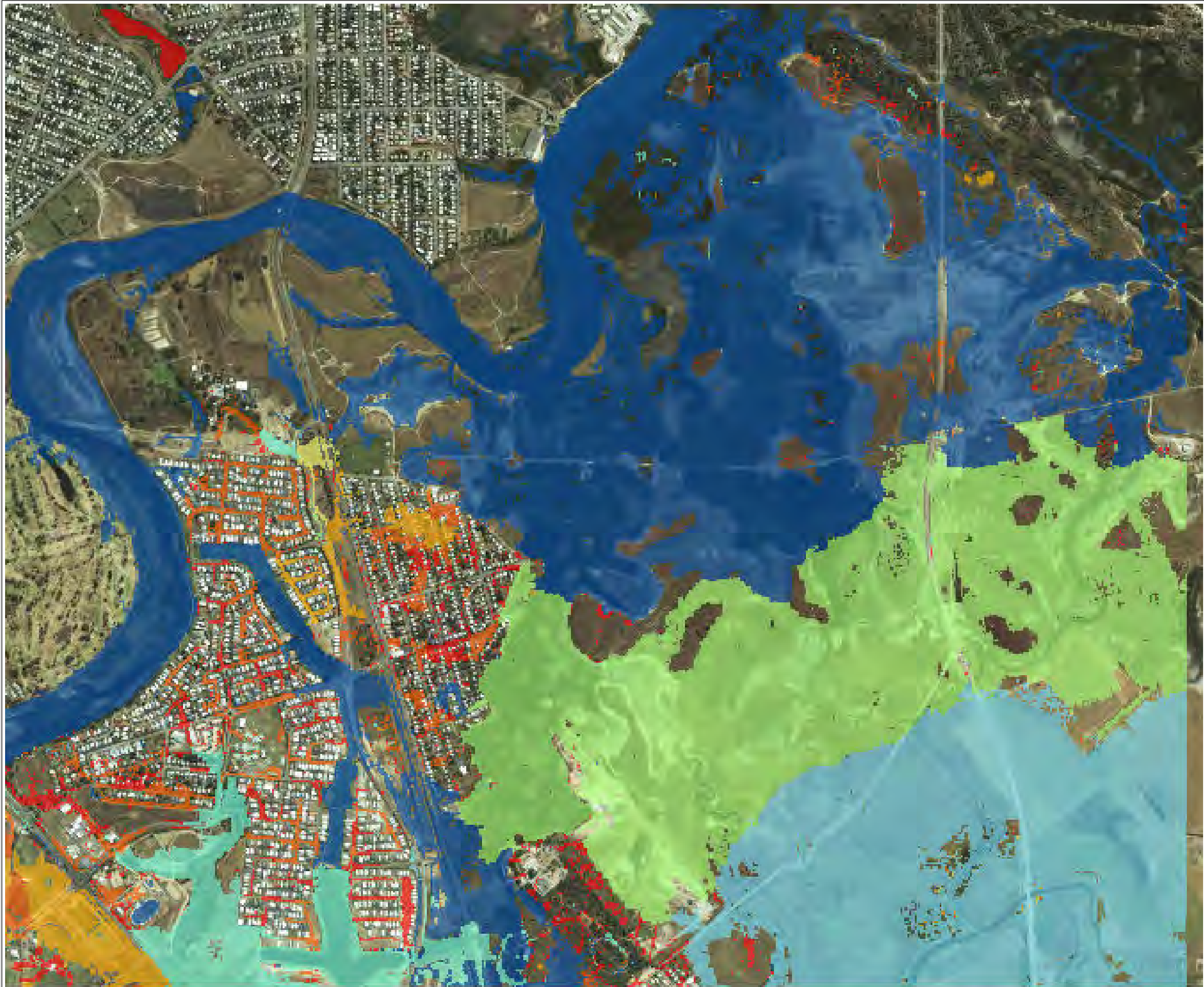


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D33_100yARI.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
100 YEAR ARI**
Lower Study Area

FIGURE D33.2

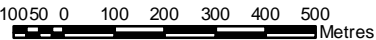
Legend

**Critical Duration
(100 Y ARI)**

- 1 h
- 1.5 h
- 2 h
- 3 h
- 6 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D33_100yARI.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
200 YEAR ARI**

Upper Study Area

FIGURE D34.1

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

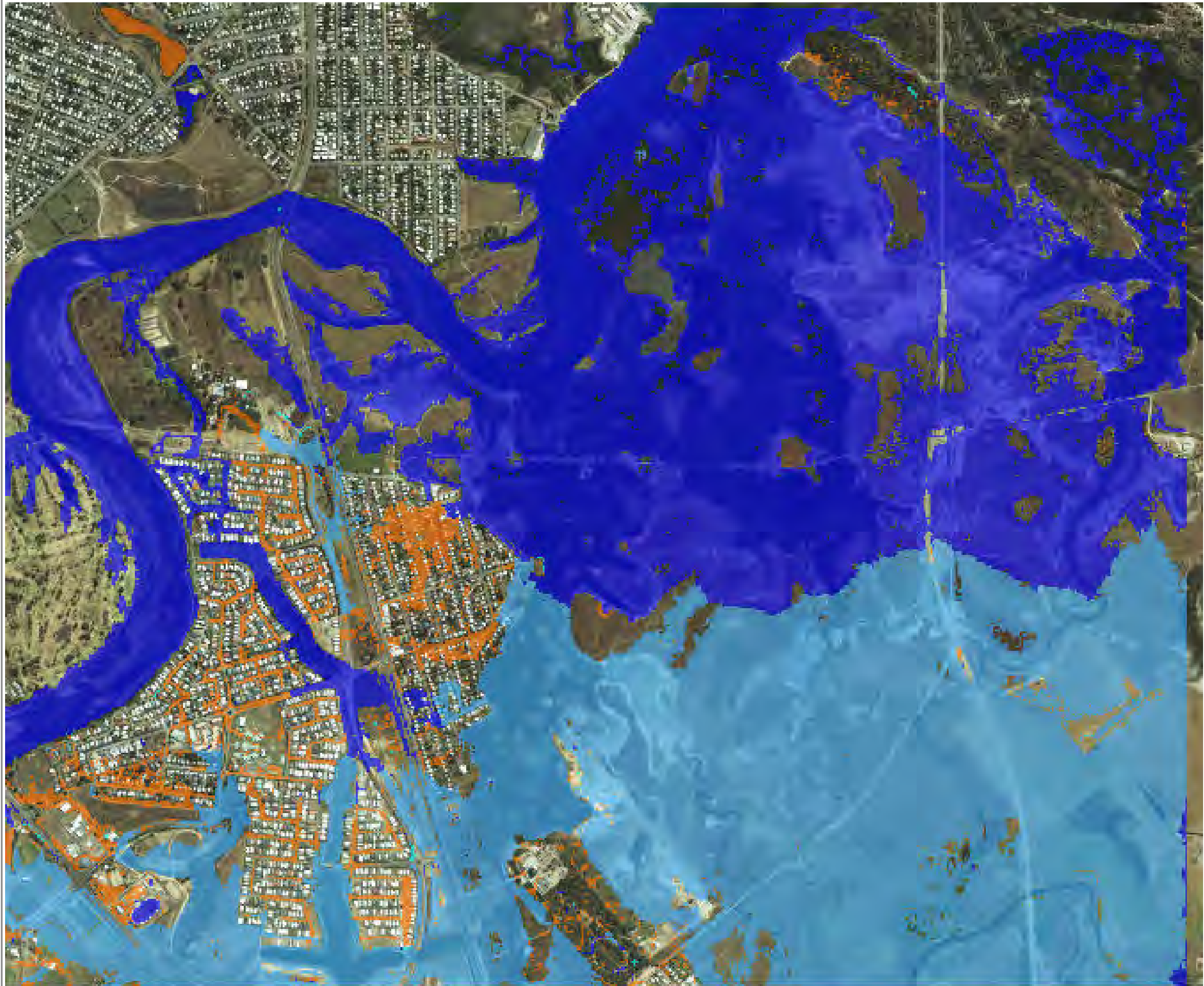


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D34.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
200 YEAR ARI**

Lower Study Area

FIGURE D34.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D34.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Upper Study Area

FIGURE D35.1

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3

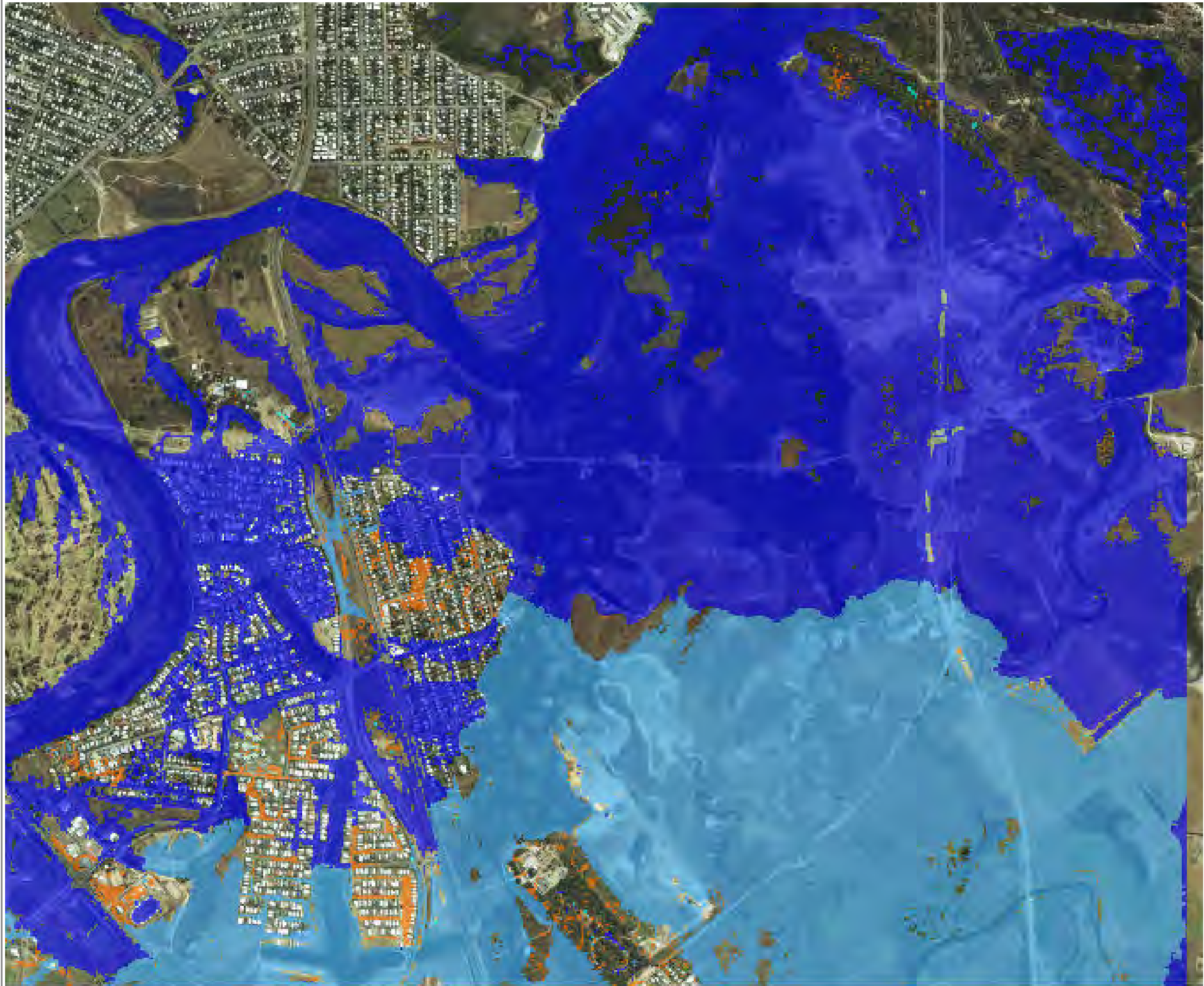
10050 0 100 200 300 400 500
Metres

DISCLAIMER

The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services

DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D35.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
500 YEAR ARI**

Lower Study Area

FIGURE D35.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

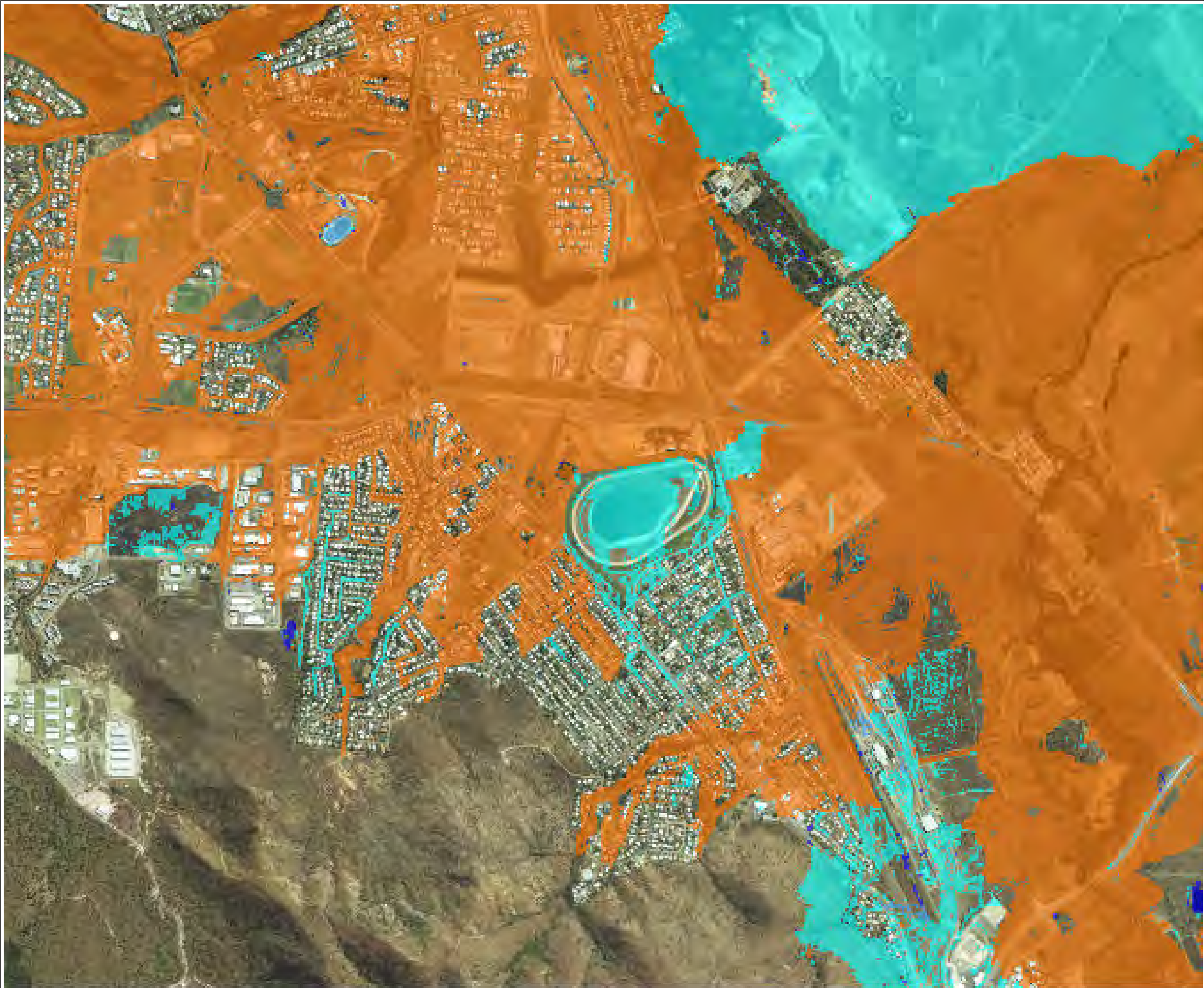


SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D35.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
PMF**

Upper Study Area

FIGURE D36.1

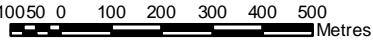
Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h

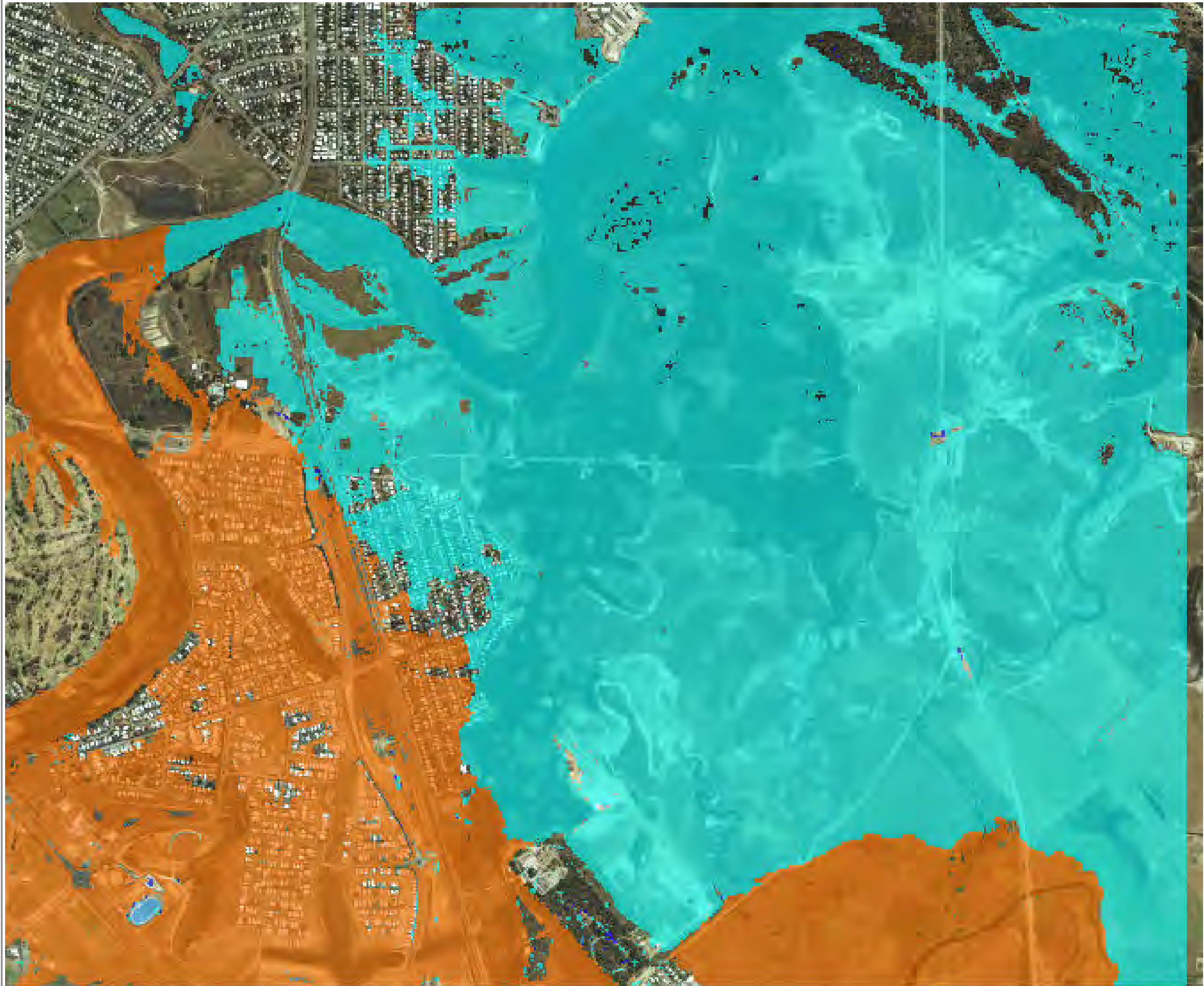


SCALE: 1:15,000 @ A3



DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D36.mxd
© Townsville City Council 2014



**GORDON CREEK
FLOOD STUDY
PMF**

Lower Study Area

FIGURE D36.2

Legend

Critical Duration

- 1.5 h
- 18 h
- 24 h
- 72 h



SCALE: 1:15,000 @ A3

10050 0 100 200 300 400 500 Metres

DISCLAIMER
The information shown on this map has been produced from the Townsville City Council's digital database. There is no warranty implied or expressed regarding the accuracy or completeness of the data. The data has been compiled for information and convenience only, and it is the responsibility of the user to verify all information before placing reliance on it. For accurate service locations please contact the Customer Services Centre on 1300 878 001.
This is not a legal document and is published for information and convenience only. The Townsville City Council takes no responsibility for any errors or omissions herein or for any acts that may occur due to its use.

Produced by:
GEOSPATIAL SOLUTIONS
Corporate Services
DATE: dd/mm/yyyy
DATE PRINTED: 24/07/2014
DRAWN BY: MW4
DIGITAL FILE: Figure D36.mxd
© Townsville City Council 2014