Floodplain Management Services
Rockhampton Regional Council
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Frenchmans and Thozets Creek Local Catchment Study

Baseline Flooding and Hazard Assessment - Volume 2

Frenchmans and Thozets Creek Local Catchment Study

Baseline Flooding and Hazard Assessment - Volume 2

Client: Rockhampton Regional Council

ABN: 59 923 523 766

Prepared by

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26-Sep-2017

Job No.: 60534898

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Explanatory Notes and Disclaimer

These maps are to be read in conjunction with the Frenchmans & Thozets Creek Local Catchment Study - Volume 1 (AECOM, 2017). Study methodology and assumptions are outlined in the Volume 1 report.

This mapping has been developed to represent local catchment flood behaviour in the Frenchmans & Thozets Creek catchment area, bounded by the model extents described in the Volume 1 report. It is noted that flooding occurs upstream and downstream of these locations which are outside the extent of the two-dimensional hydraulic models.

Information presented in this mapping may vary, depending upon development within the floodplain over time. It is suggested that the TUFLOW models and these associated maps be updated by Council as development occurs.

The development of the TUFLOW hydraulic model is detailed in the Frenchmans & Thozets Creek Local Catchment Study - Volume 1 (AECOM, 2017). This report outlines input data, modelling assumptions and schematisation parameters adopted.

All information presented in this mapping is expressed in metre Australian Height Datum (AHD).

Hydraulic model results used in this mapping is based on a 3m fixed Cartesian grid hydraulic model. Use of the mapping to determine hydraulic parameters in sub-grid scale applications is not recommended.

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Frenchmans / Thozets Creeks Baseline Mapping

Map Number	Title
FT-01	Peak Flood Depths (1 EY 90min Storm Event)
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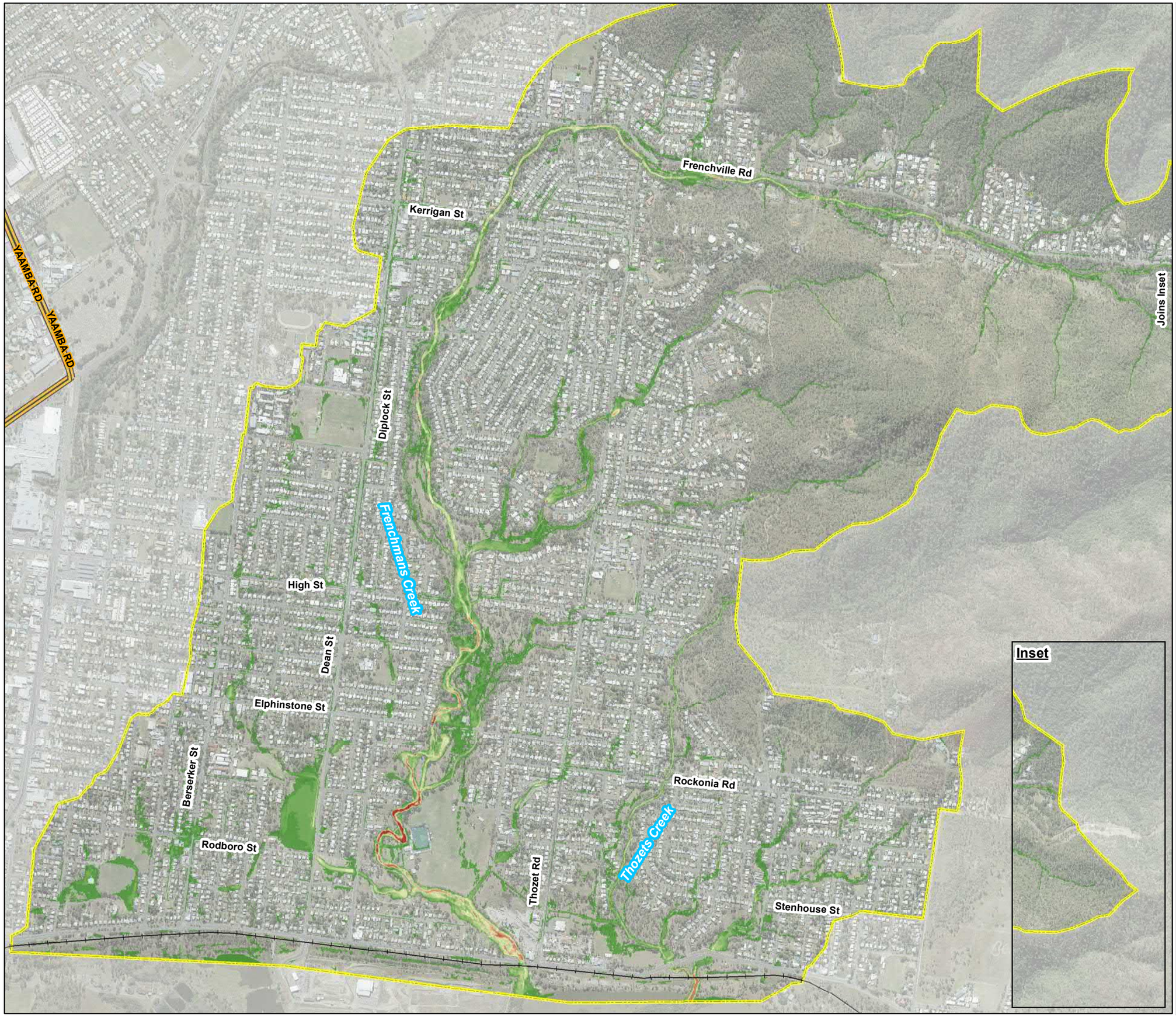
FT-88	Baseline Sewerage Infrastructure Flood Risk (18% AEP 180 min Storm Event and 1% AEP Across Multiple Storm Durations) Area 5



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

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(when printed at A3)

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

1EY 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-01

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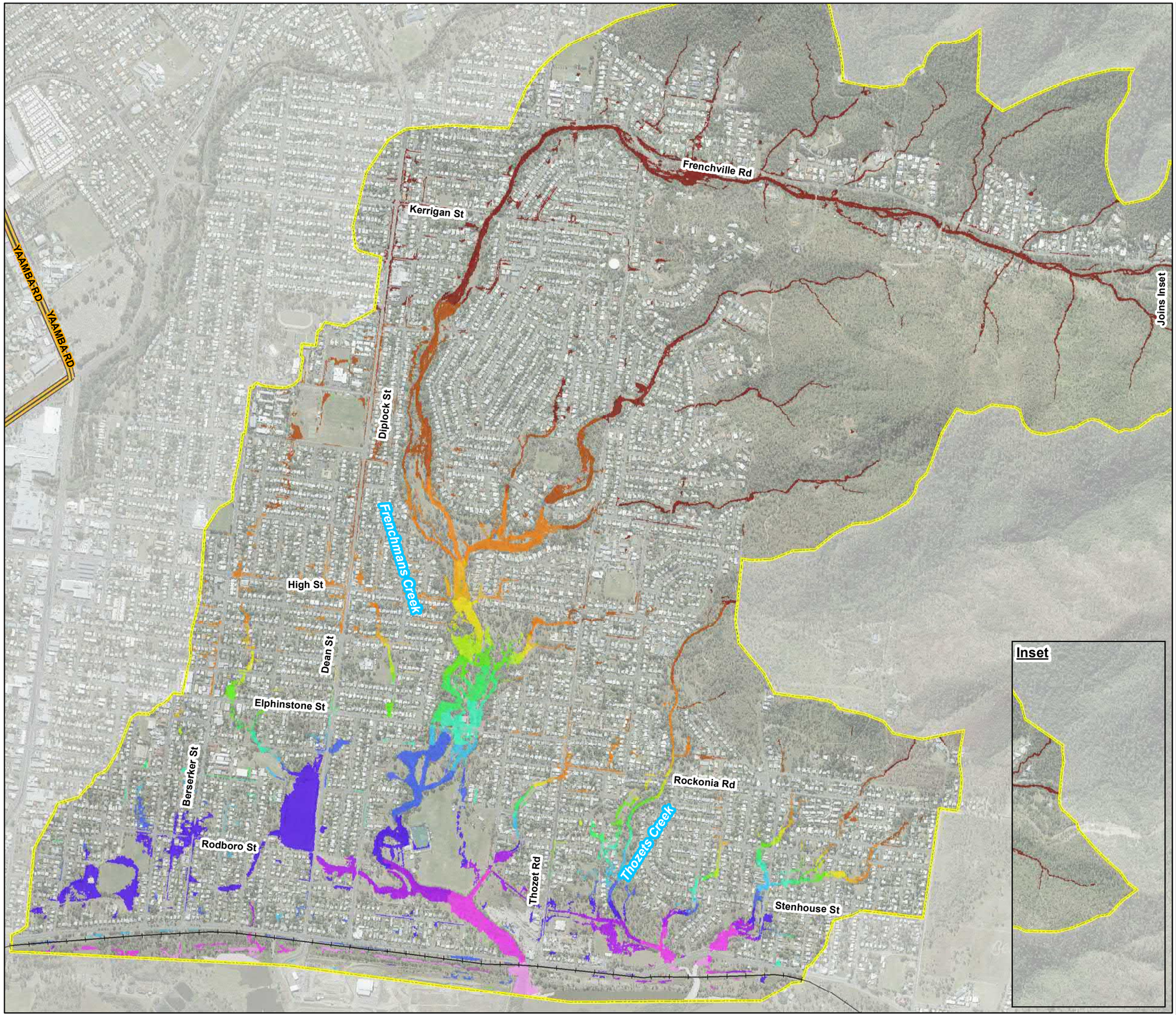

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Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Height

1 EY 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-02

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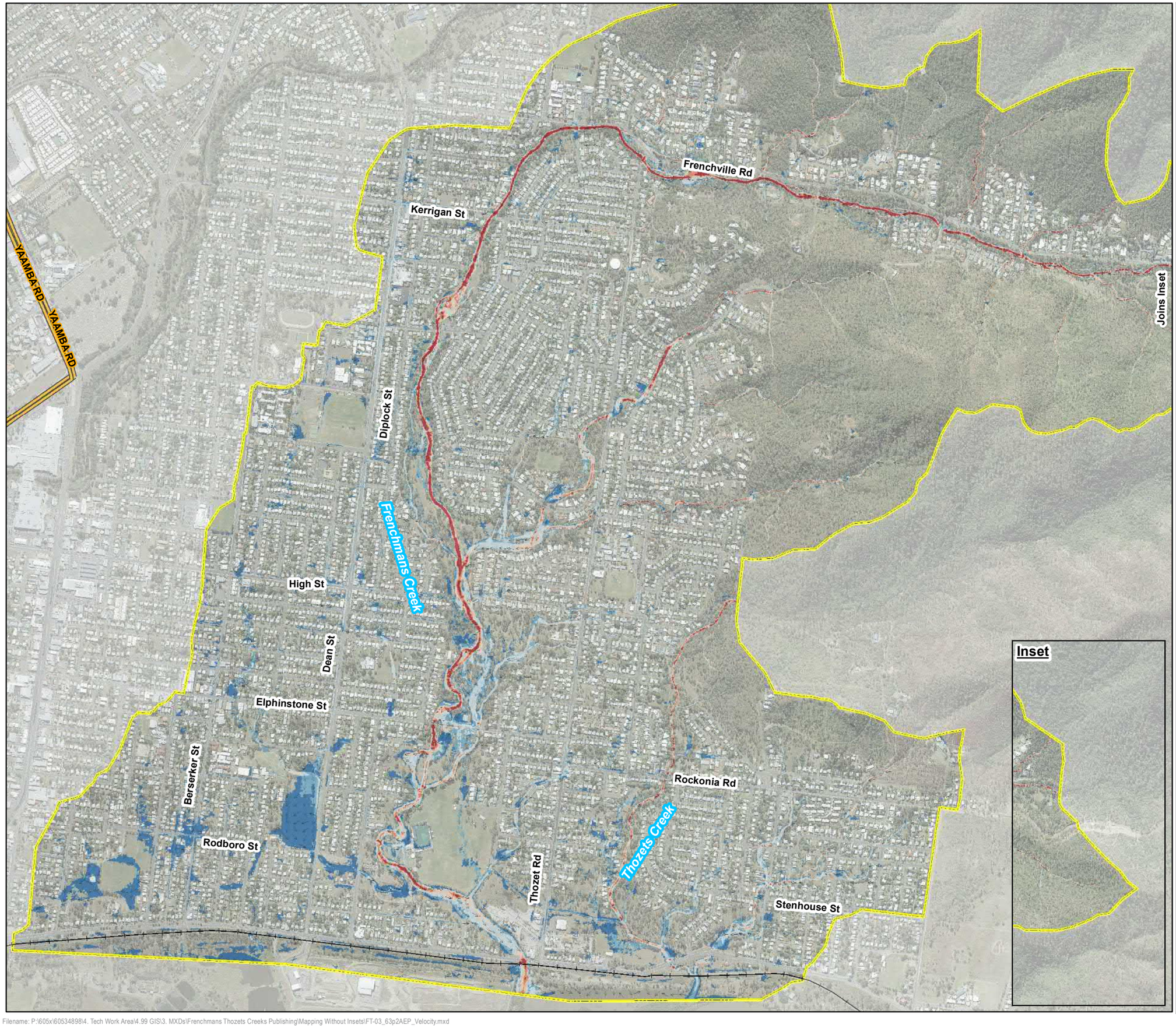

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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

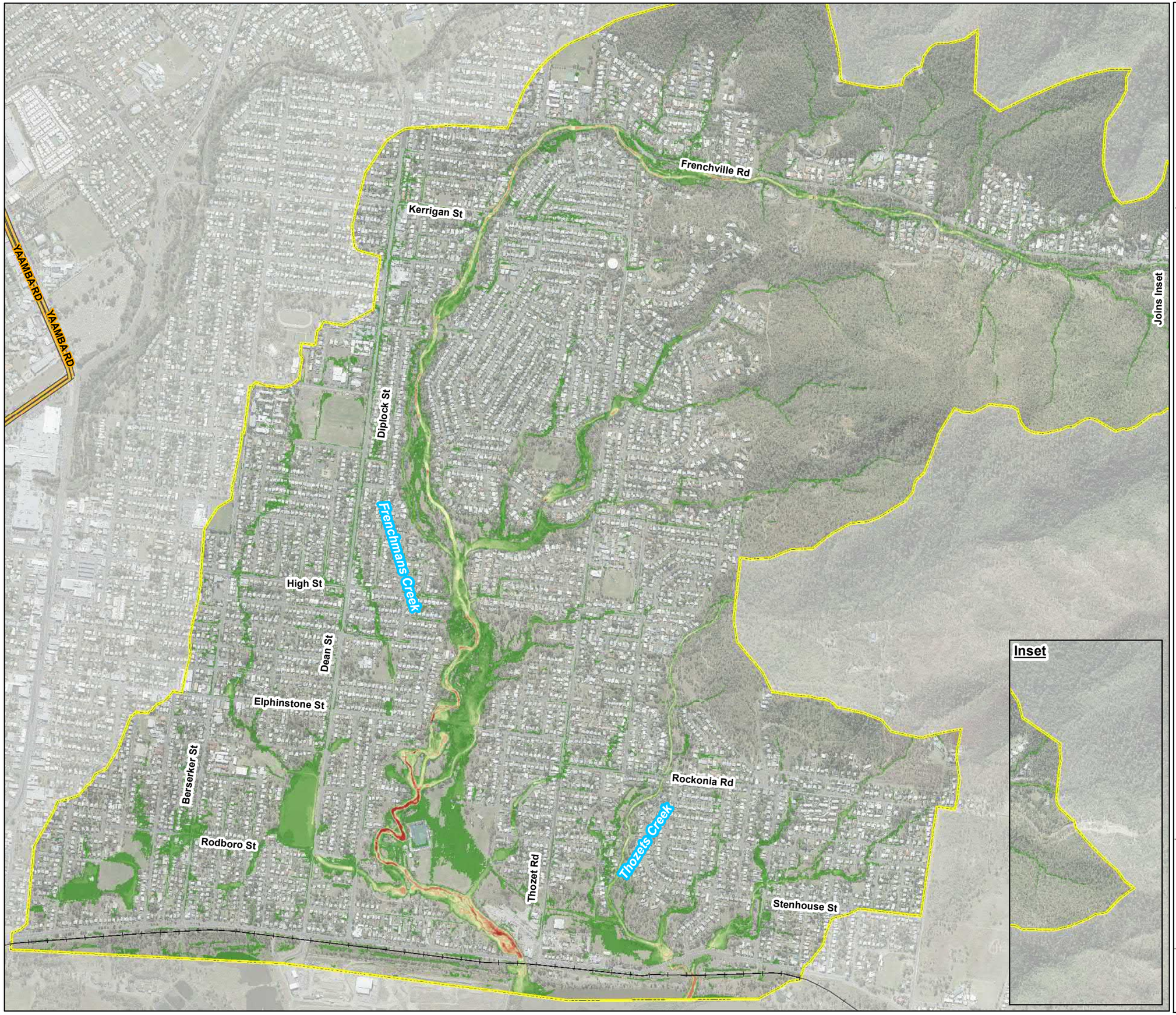
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity

1 EY 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-03

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-03_63p2AEP_Velocity.mxd



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Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

39% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
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VERSION:	1

Map FT-04

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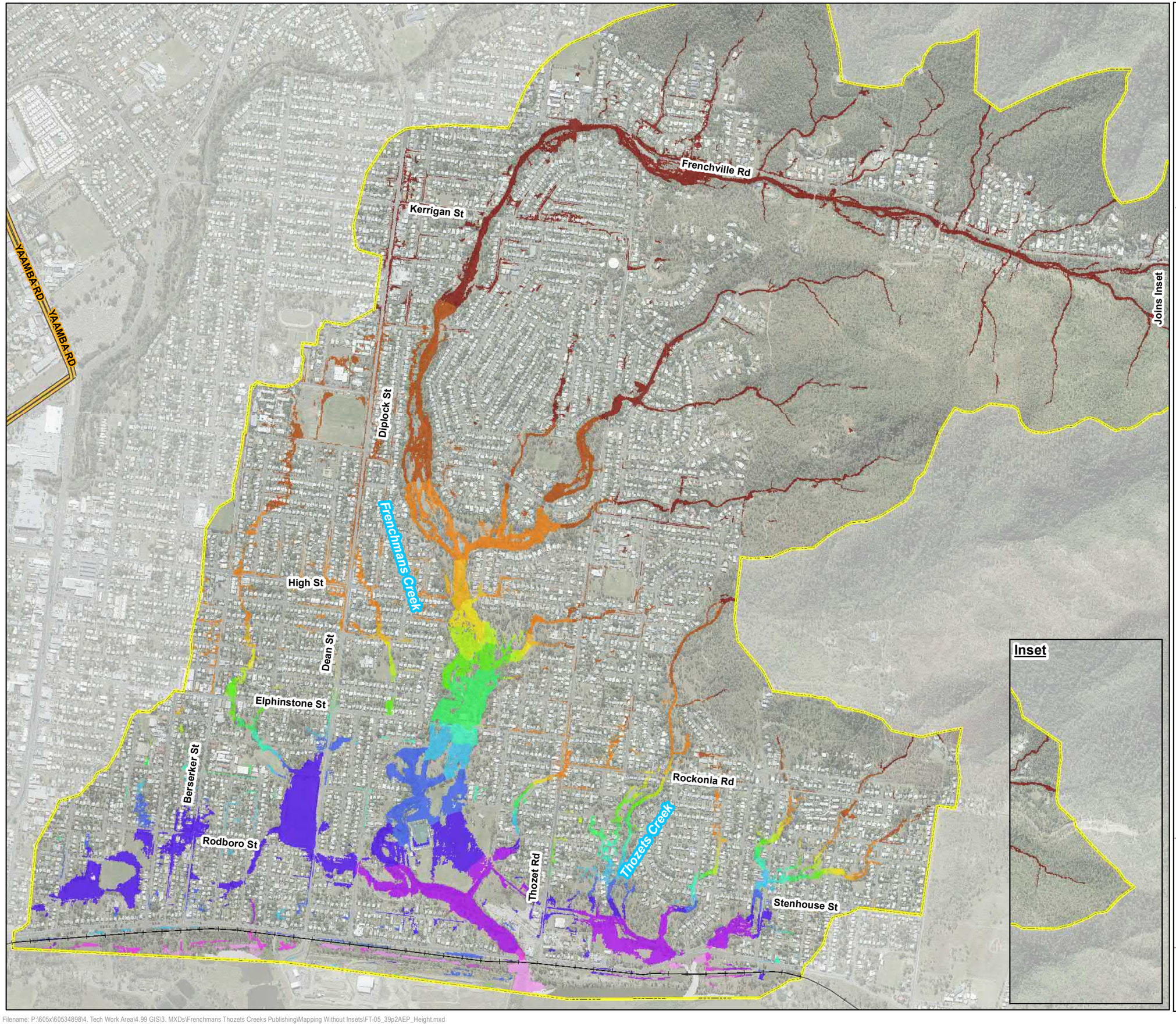

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Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Height

39% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-05

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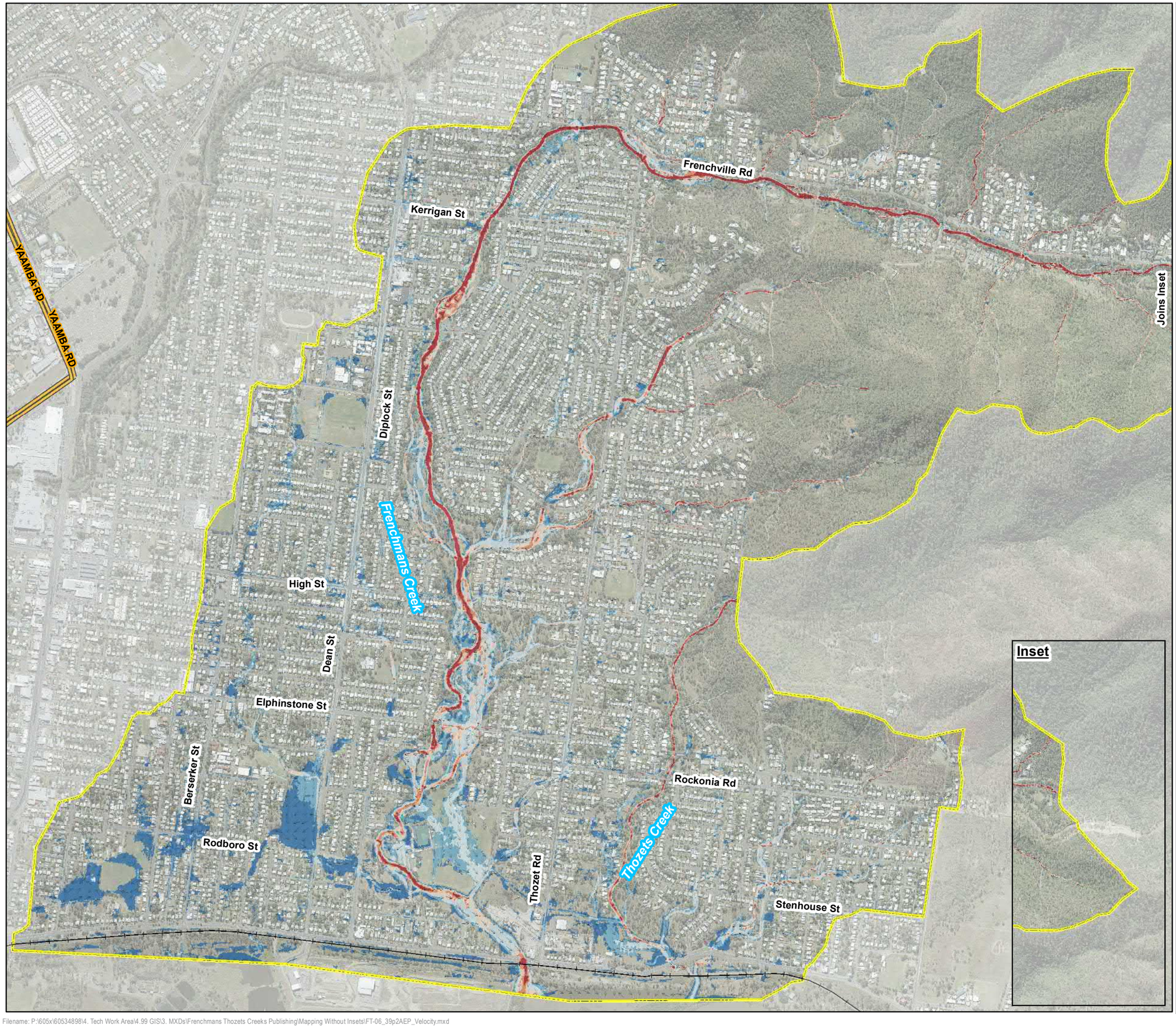

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Metres

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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity

39% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-06

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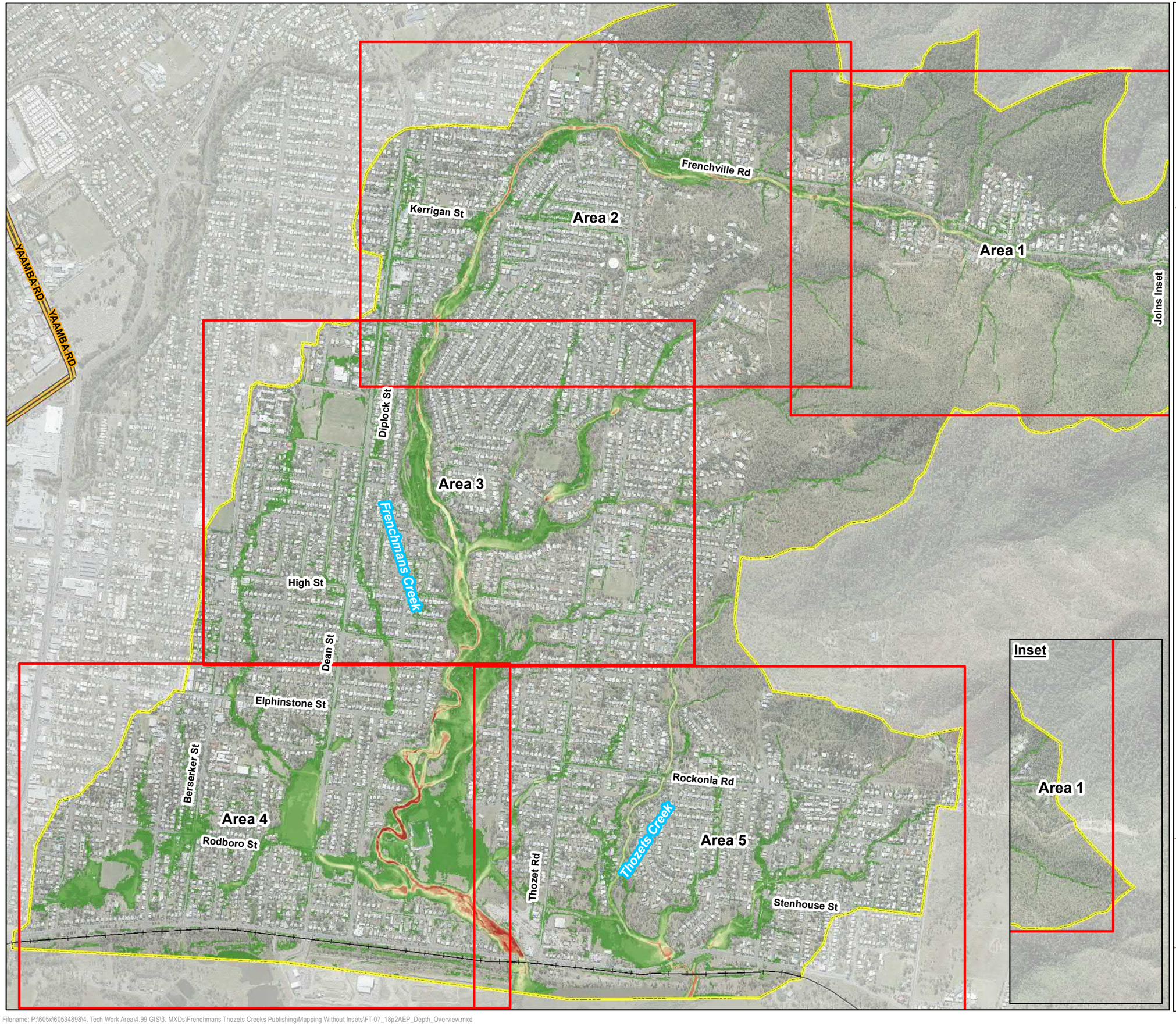

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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

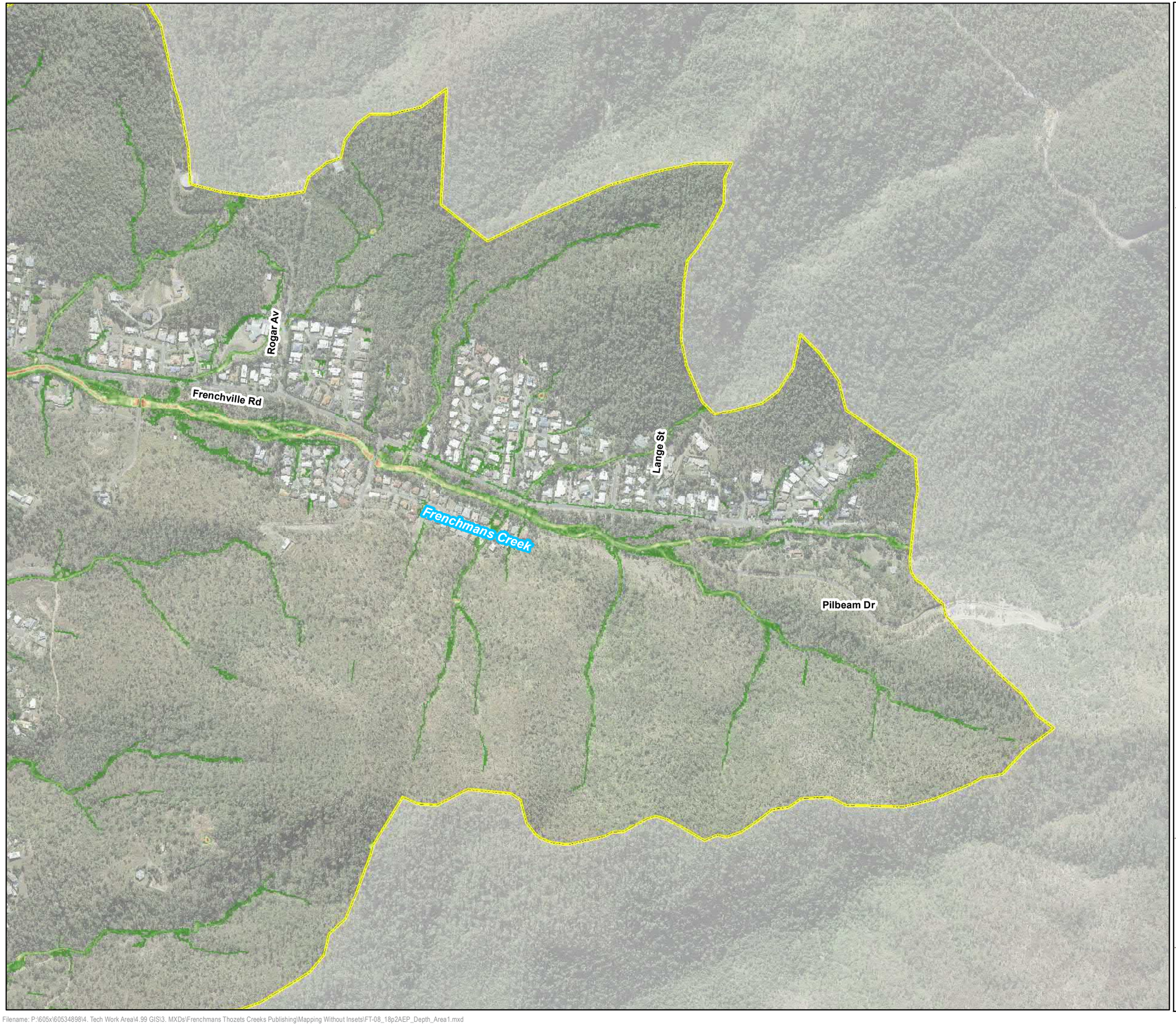
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Catchment Overview

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-07

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-07_18p2AEP_Depth_Overview.mxd



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 1

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-08

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-08_18p2AEP_Depth_Area1.mxd

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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

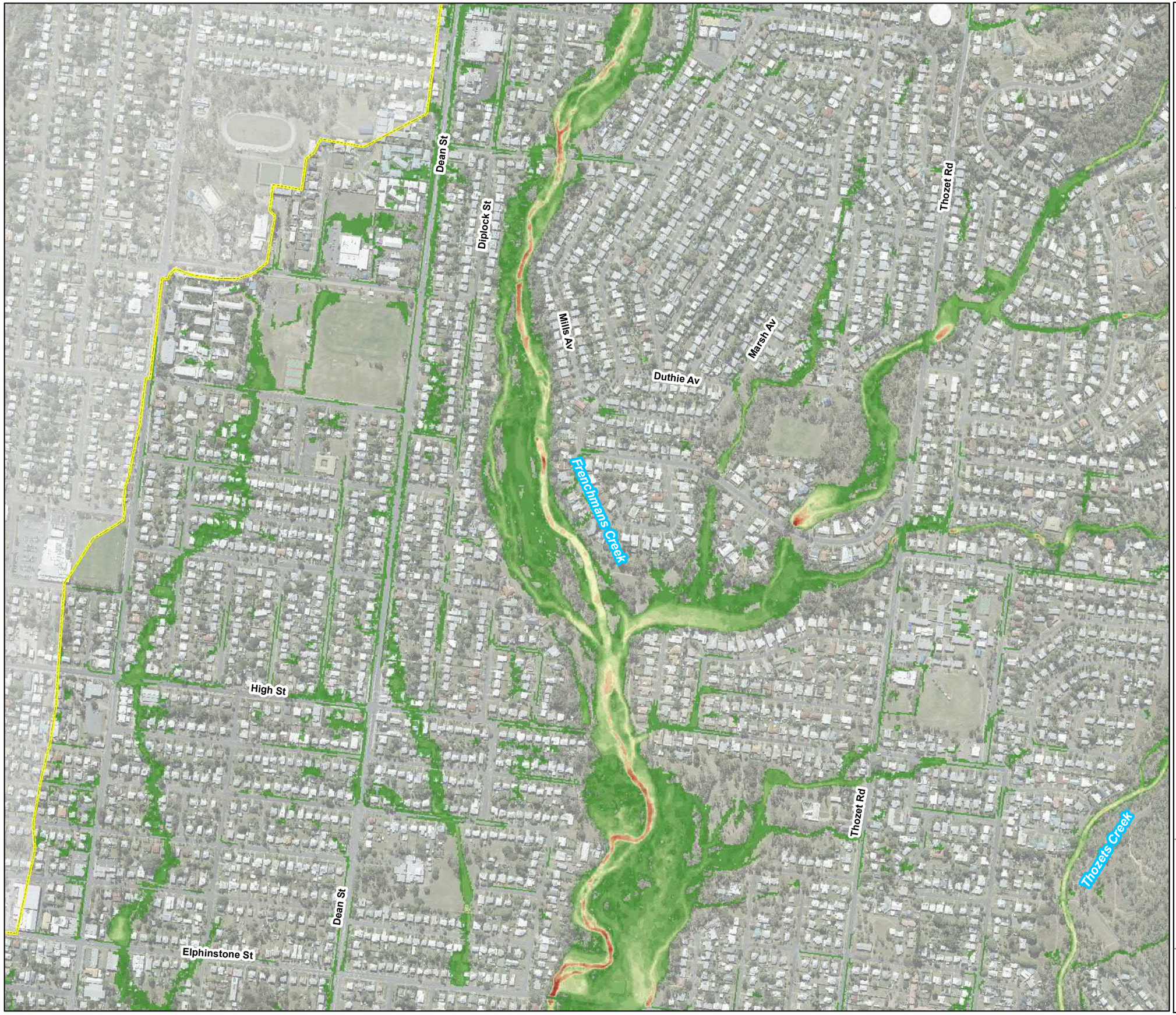
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 2

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-09

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-09_18p2AEP_Depth_Area2.mxd



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Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

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(when printed at A3)

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

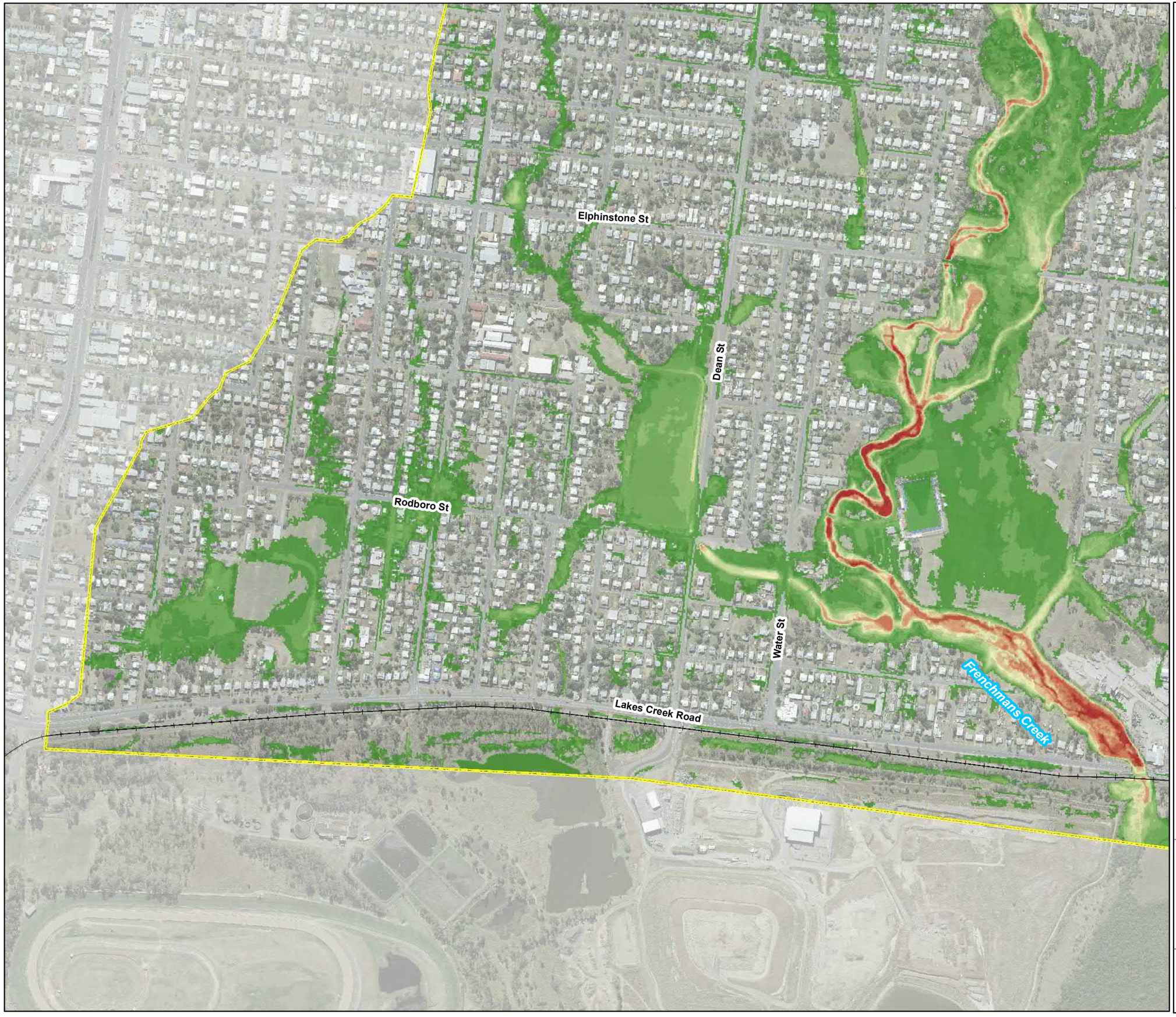
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 3

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-10

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-10_18p2AEP_Depth_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model
Baseline Peak Flood Depth
Area 4

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-11

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-11_18p2AEP_Depth_Area4.mxd

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Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

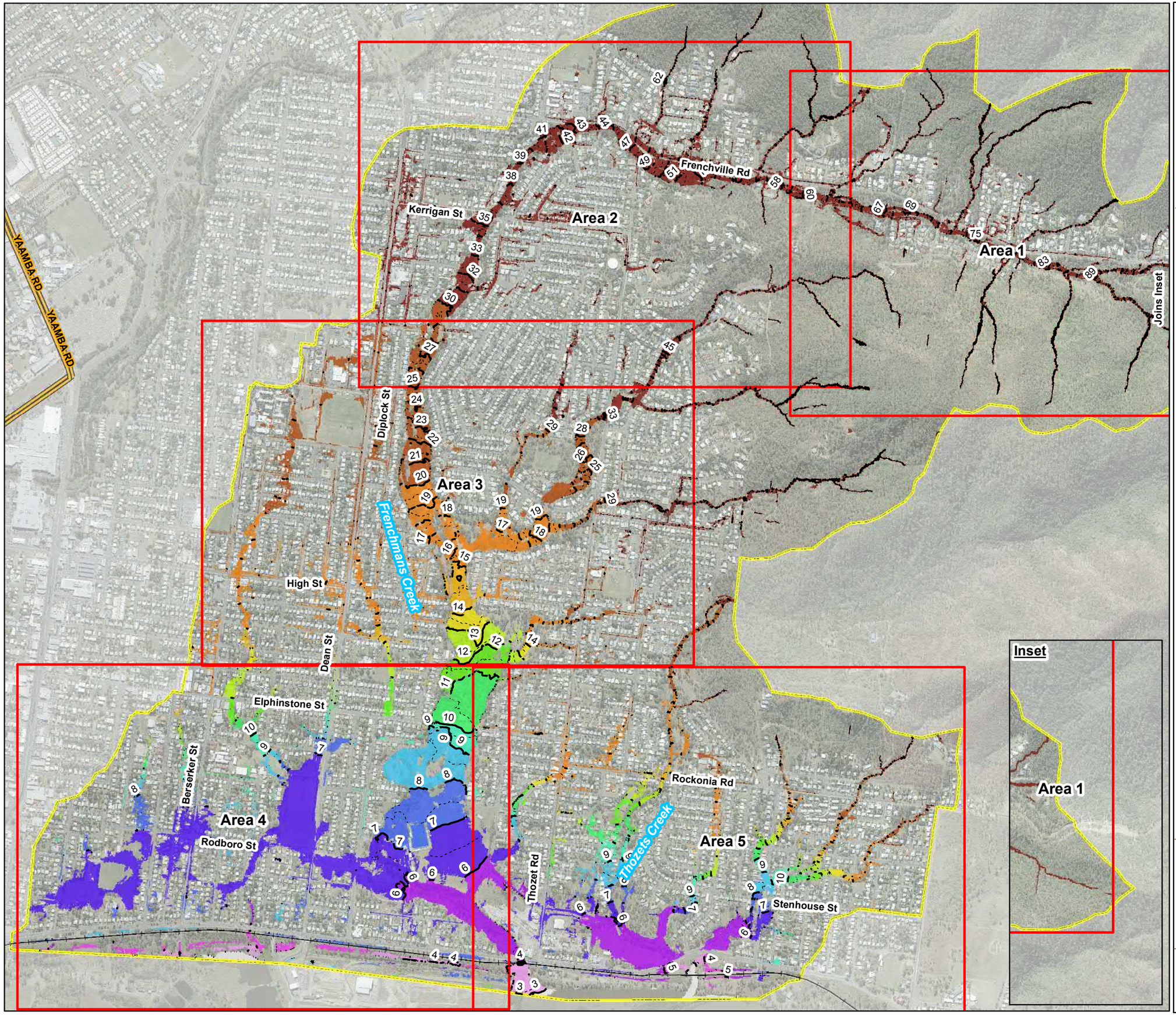
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 5

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-12

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-12_18p2AEP_Depth_Area5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

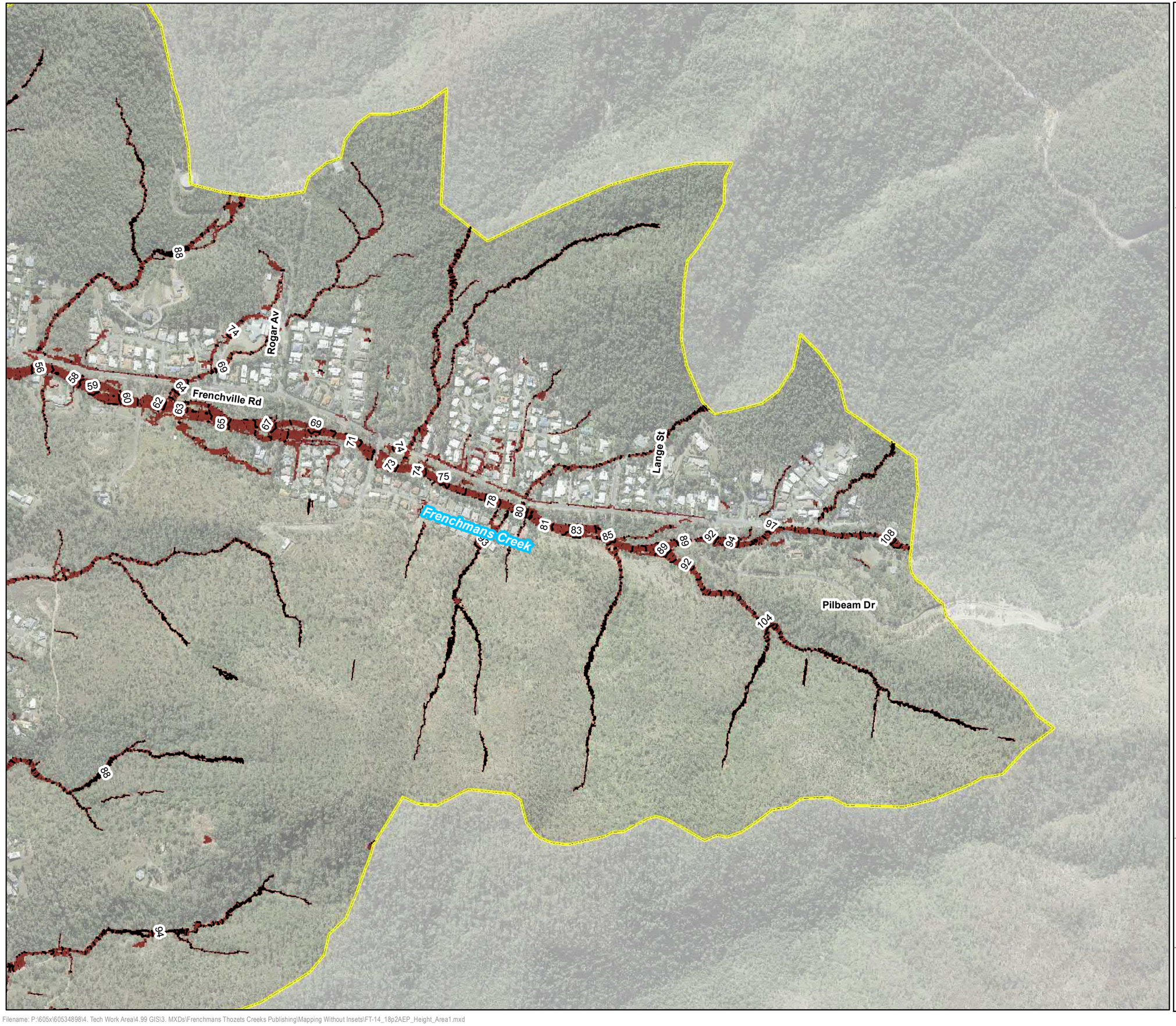
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Catchment Overview

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-13

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-13_18p2AEP_Height_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

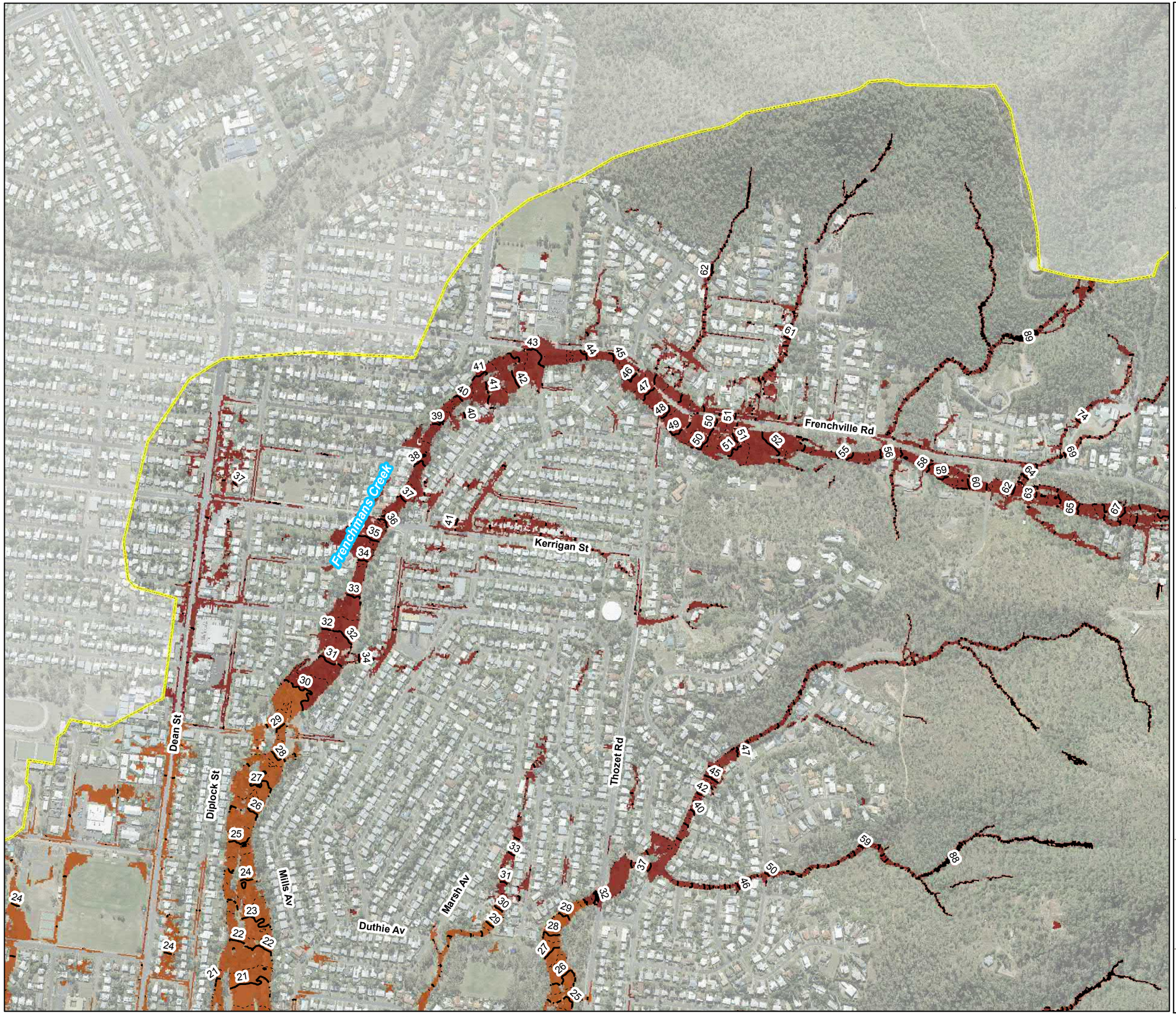
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 1

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-14

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-14_18p2AEP_Height_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

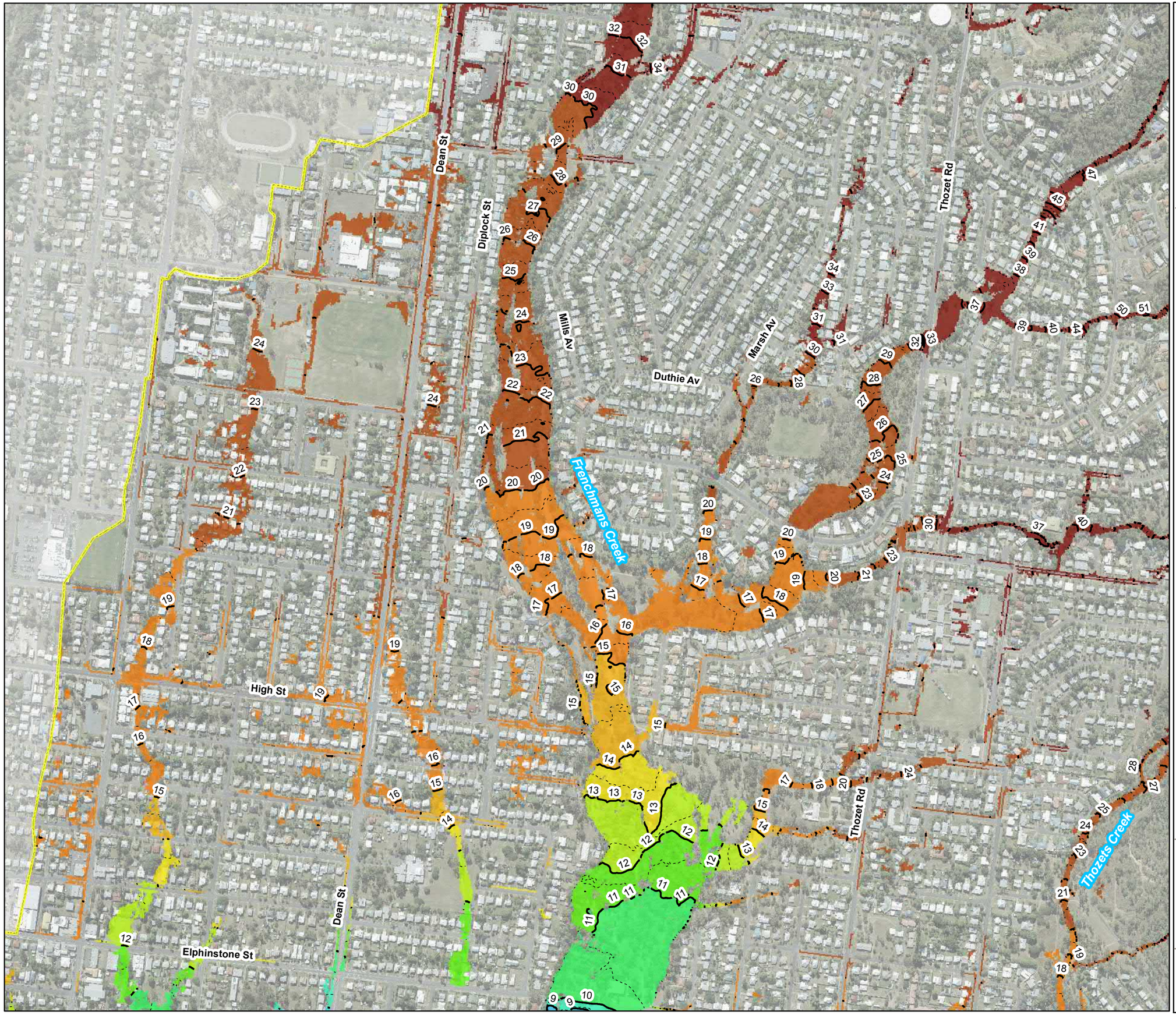
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 2

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-15

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-15_18p2AEP_Height_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

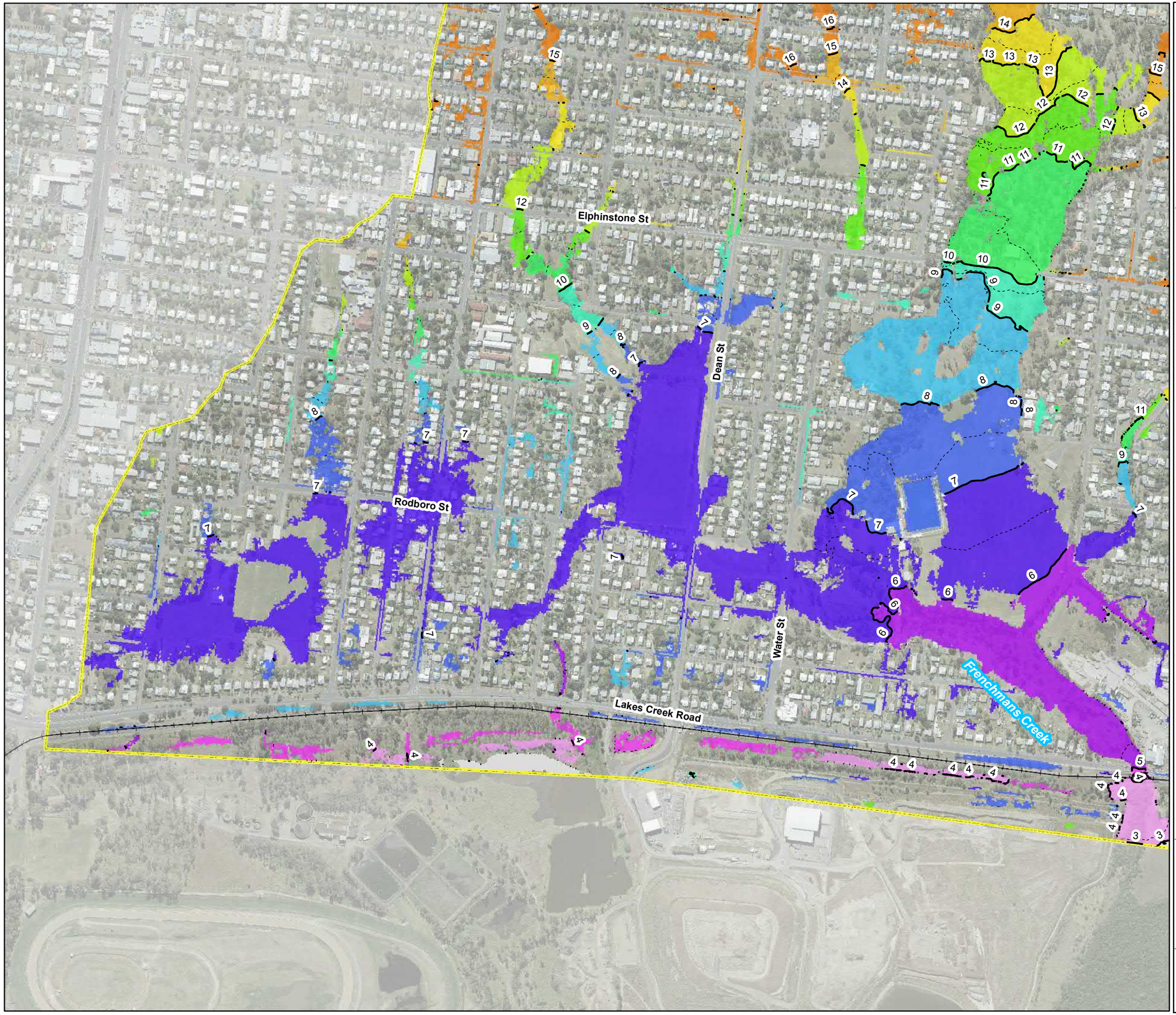
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 3

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-16

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-16_18p2AEP_Height_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

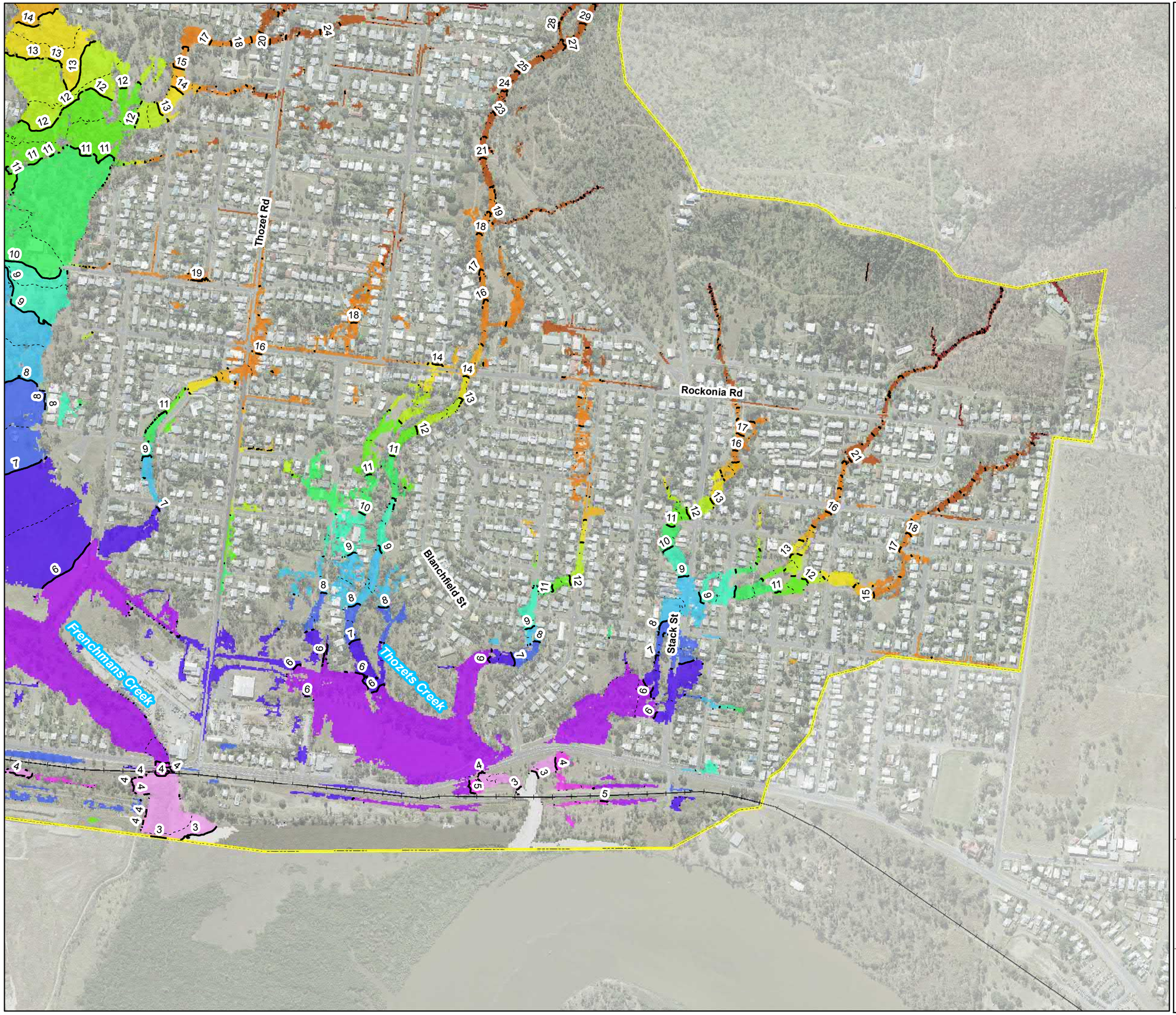
Frenchmans / Thozets Creek Model
Baseline Peak Flood Height
Area 4

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-17

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-17_18p2AEP_Height_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
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LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

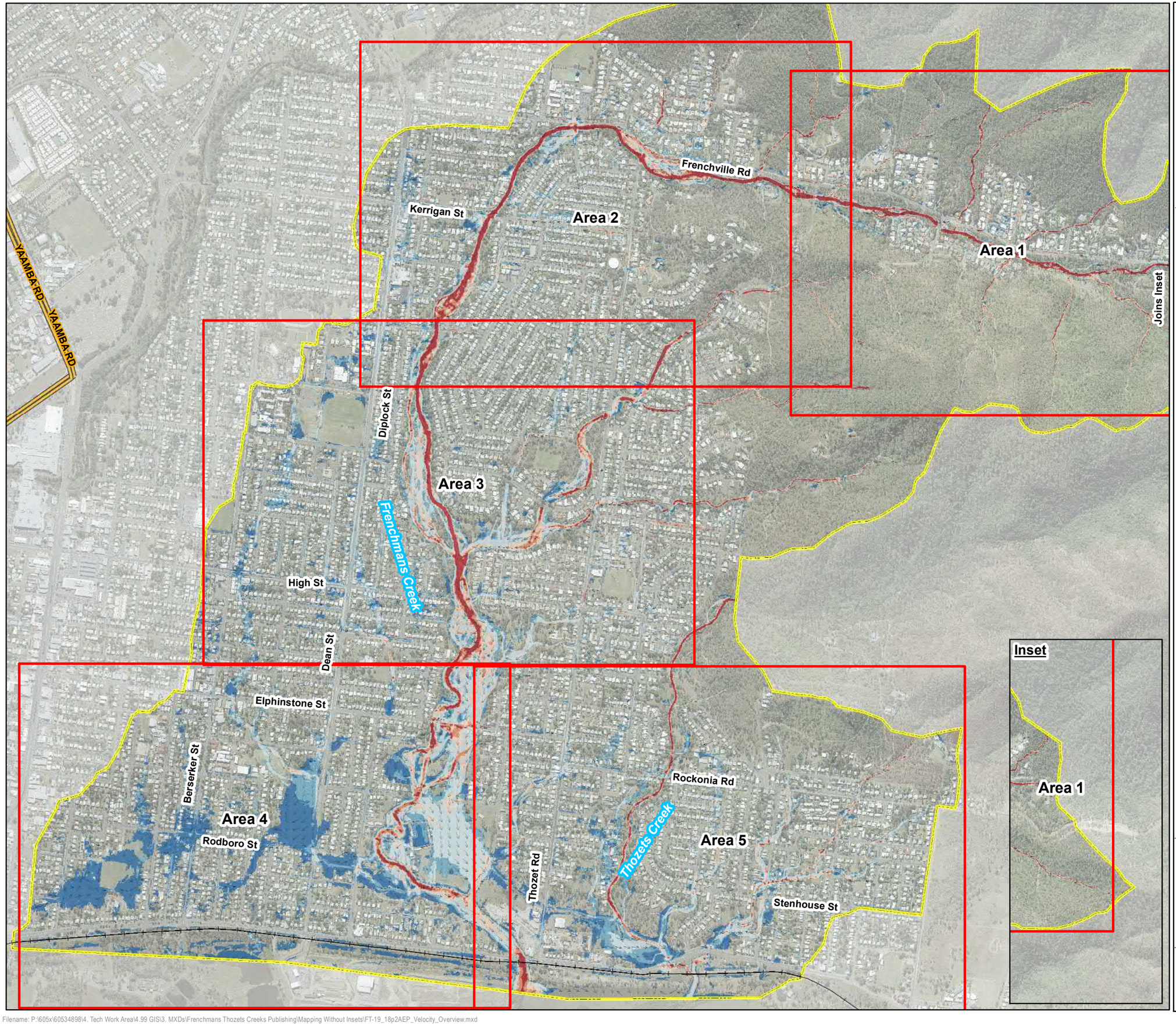
Frenchmans / Thozets Creek Model
Baseline Peak Flood Height
Area 5

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-18

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-18_18p2AEP_Height_Area5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

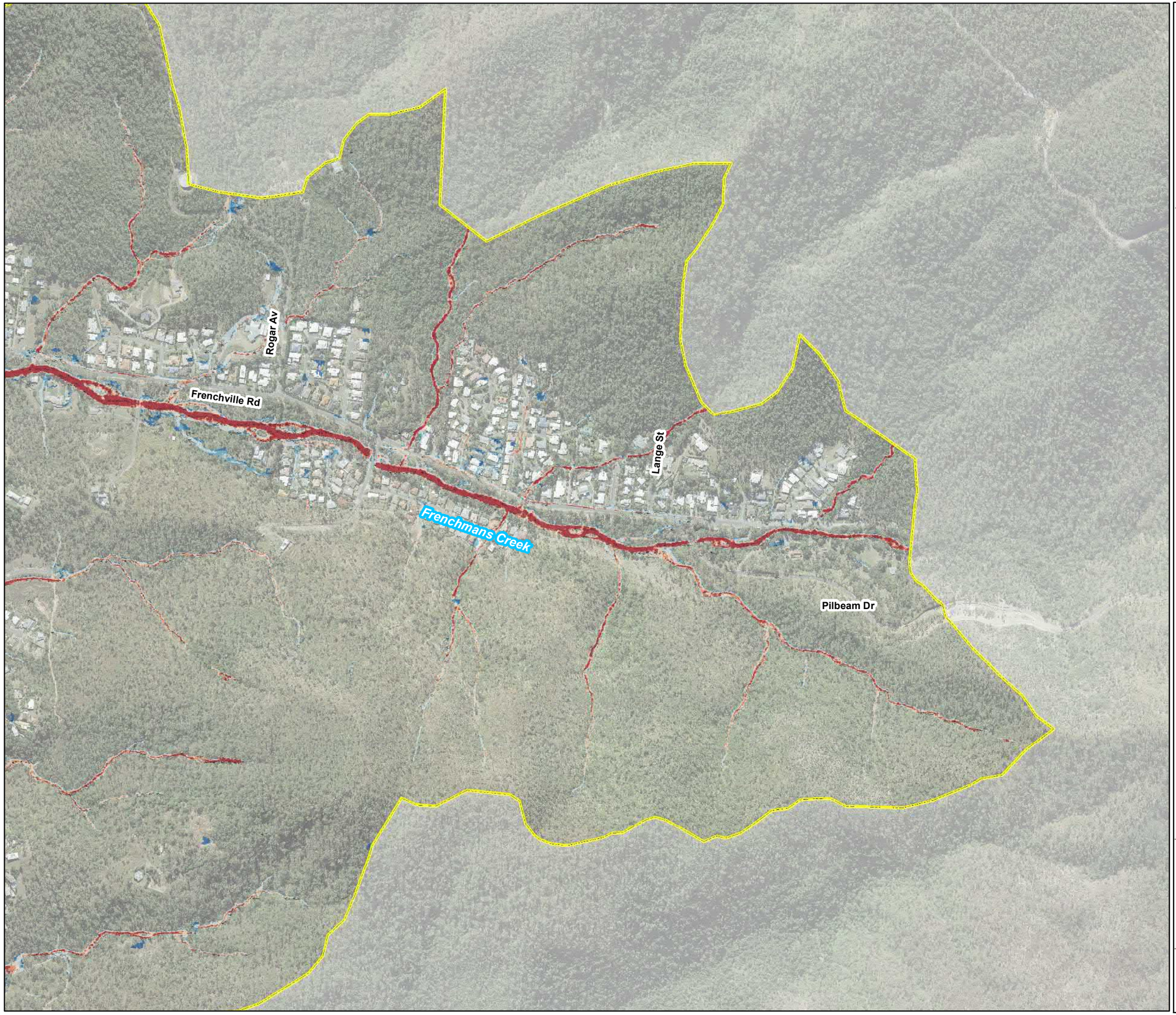
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Catchment Overview

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-19

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-19_18p2AEP_Velocity_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

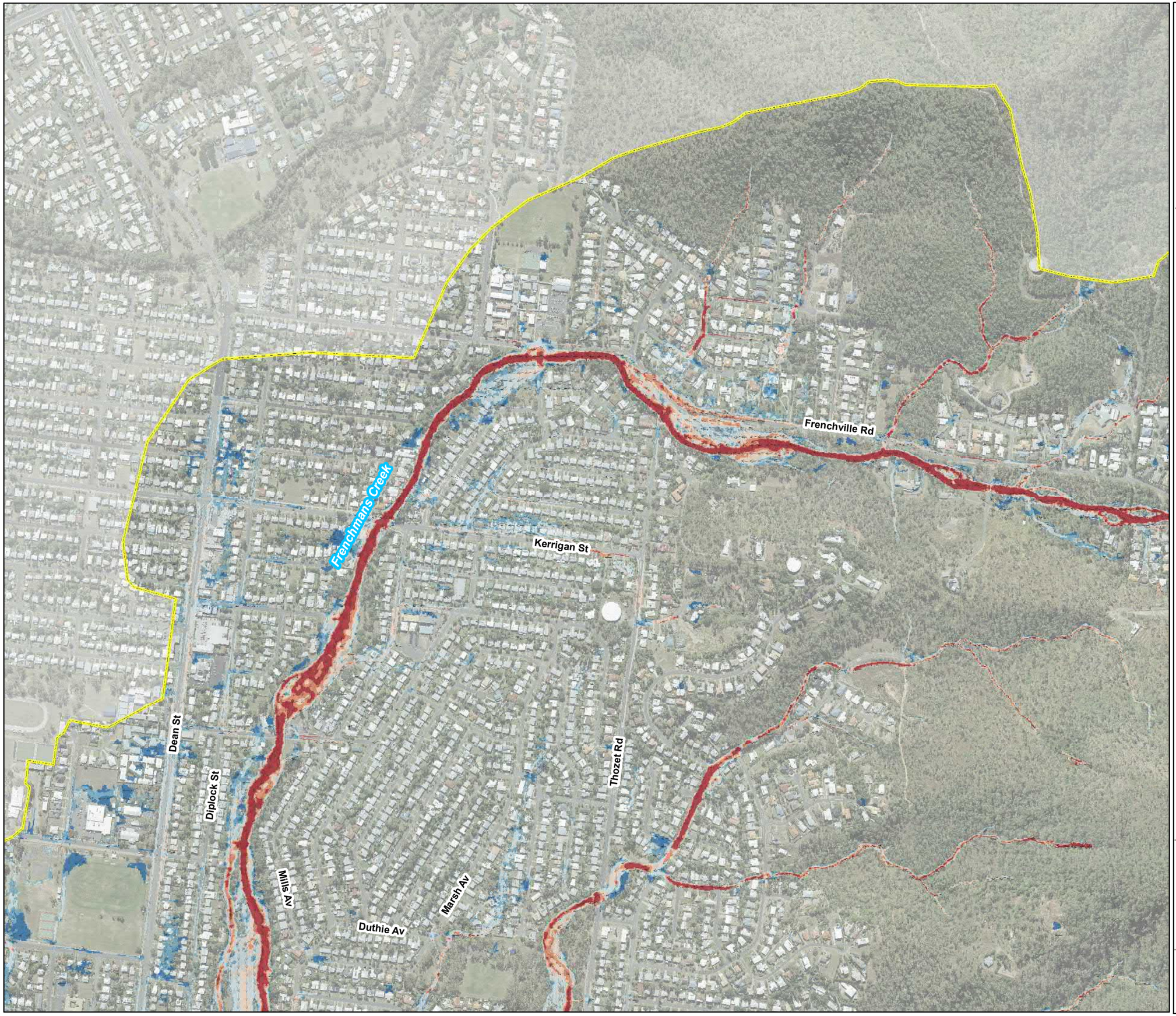
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 1

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-20

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-20_18p2AEP_Velocity_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

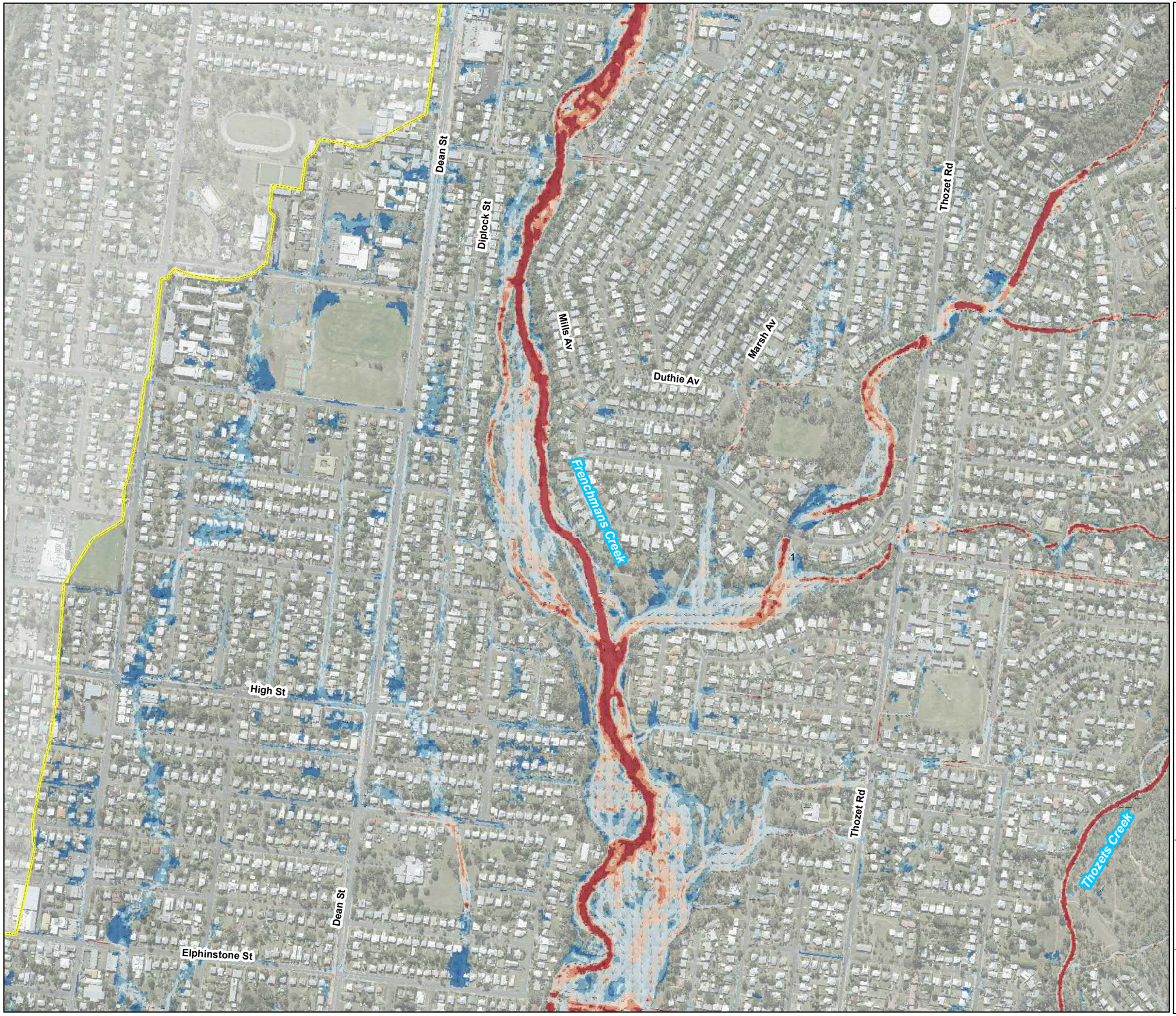
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 2

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-21

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-21_18p2AEP_Velocity_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

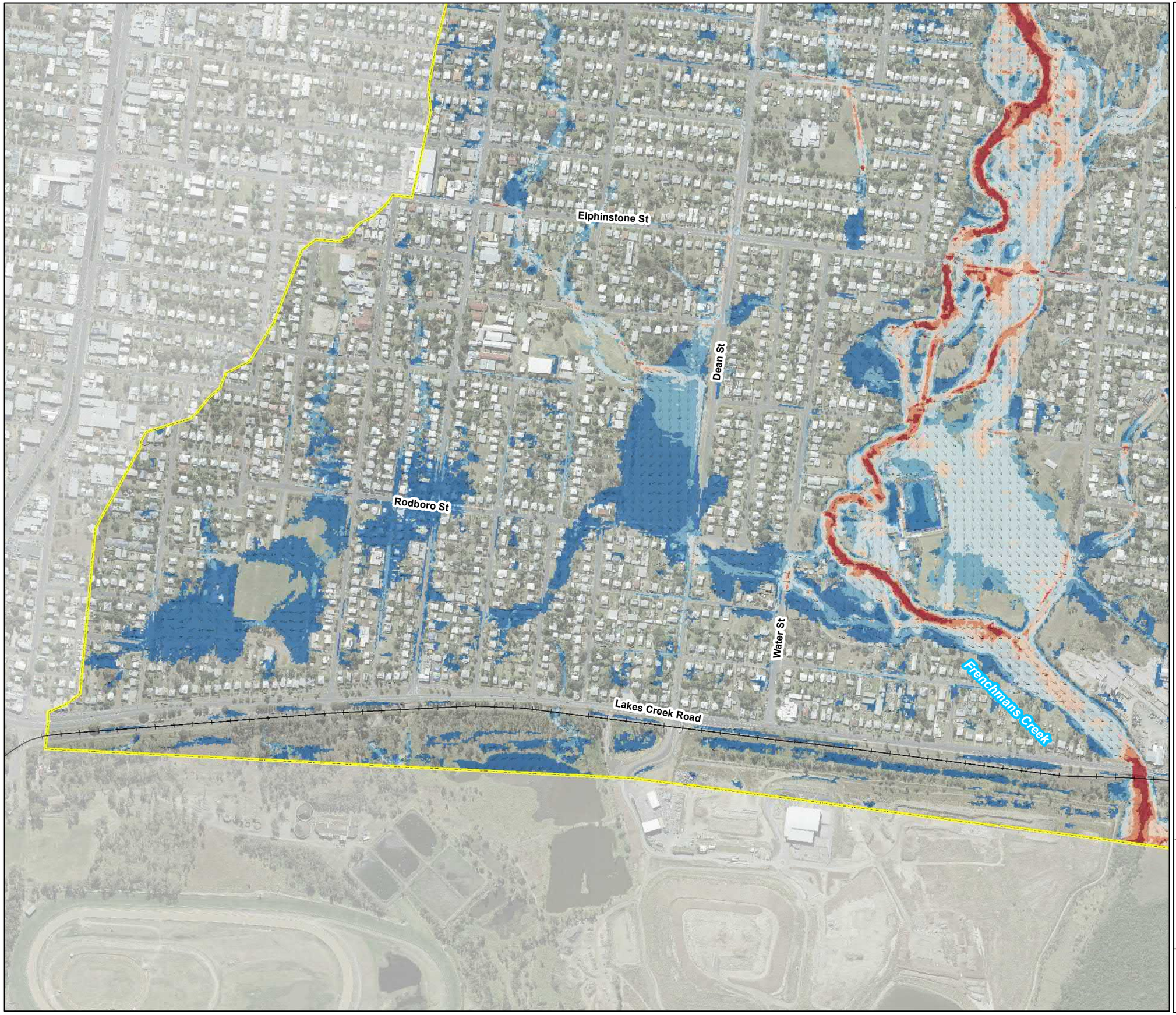
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 3

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-22

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-22_18p2AEP_Velocity_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 4

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-23

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-23_18p2AEP_Velocity_Area4.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 5

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-24

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-24_18p2AEP_Velocity_Area5.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

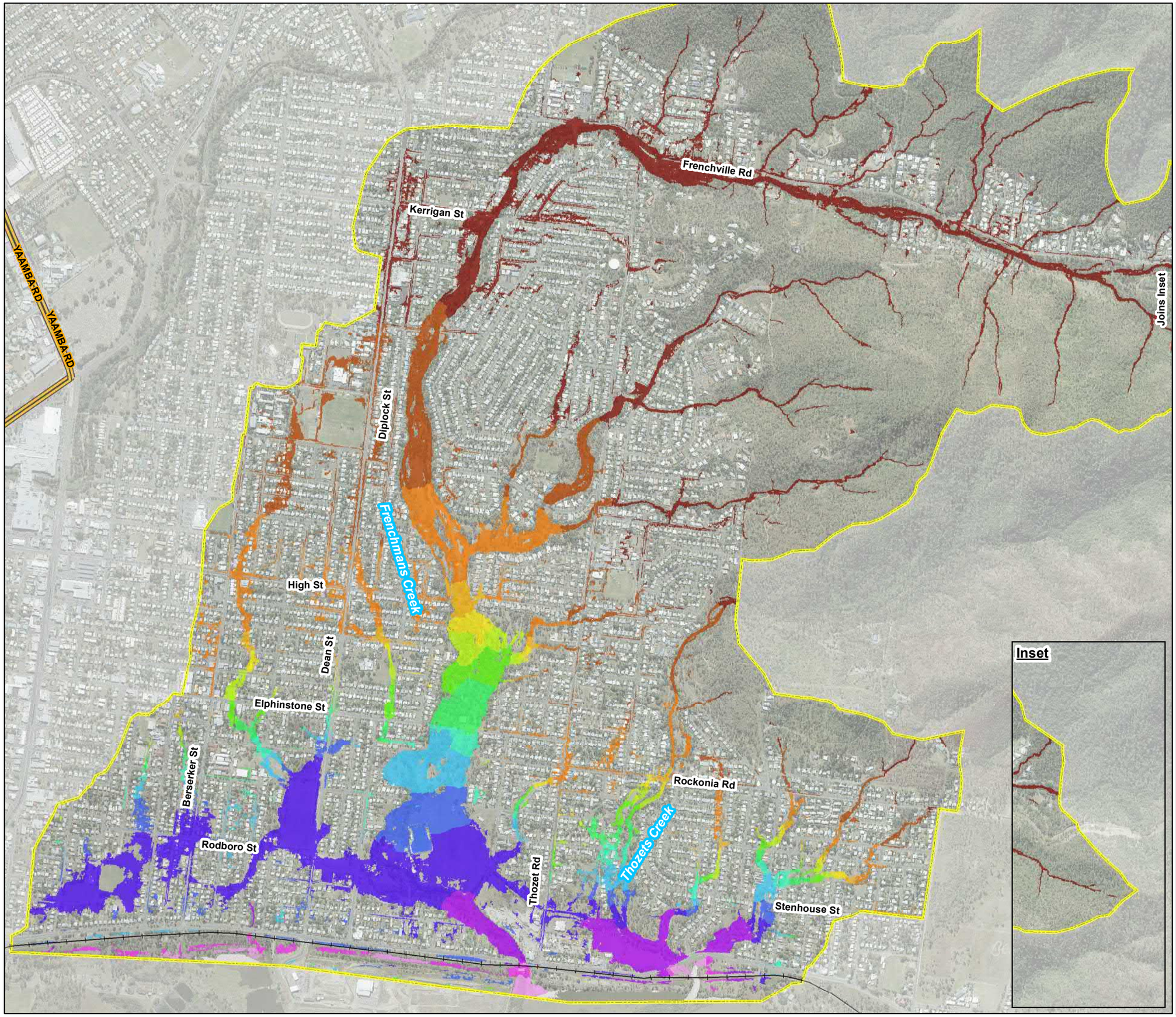
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

10% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-25

Filename: \\aurok1fp001\Projects\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-25_10p2AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

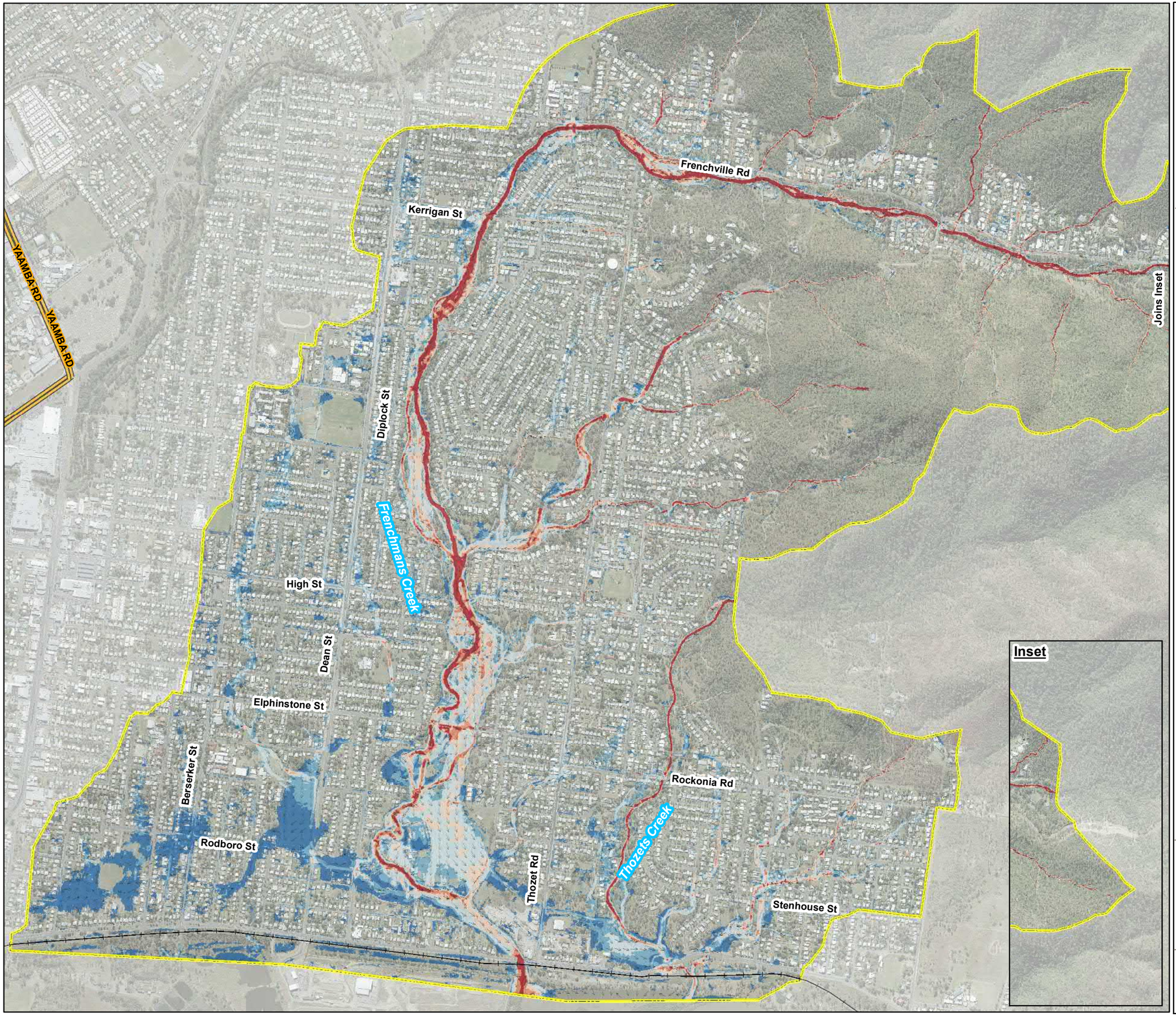
Frenchmans / Thozets Creek Model Baseline Peak Flood Height

10% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-26

Filename: \\aurok1fp001\Projects\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-26_10p2AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Velocity

10% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-27

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-27_10p2AEP_Velocity.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

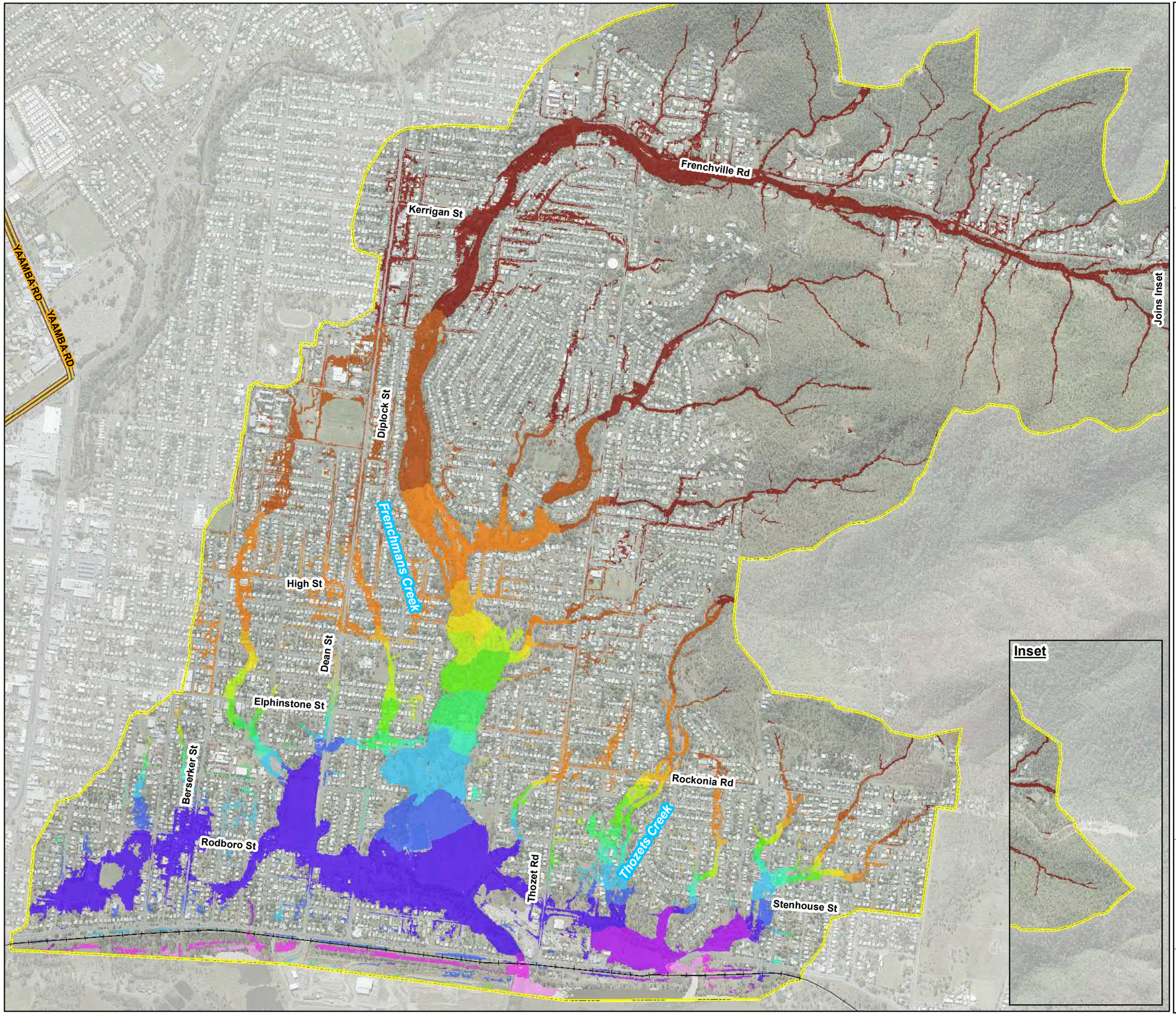
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

5% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-28

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-28_5p2AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

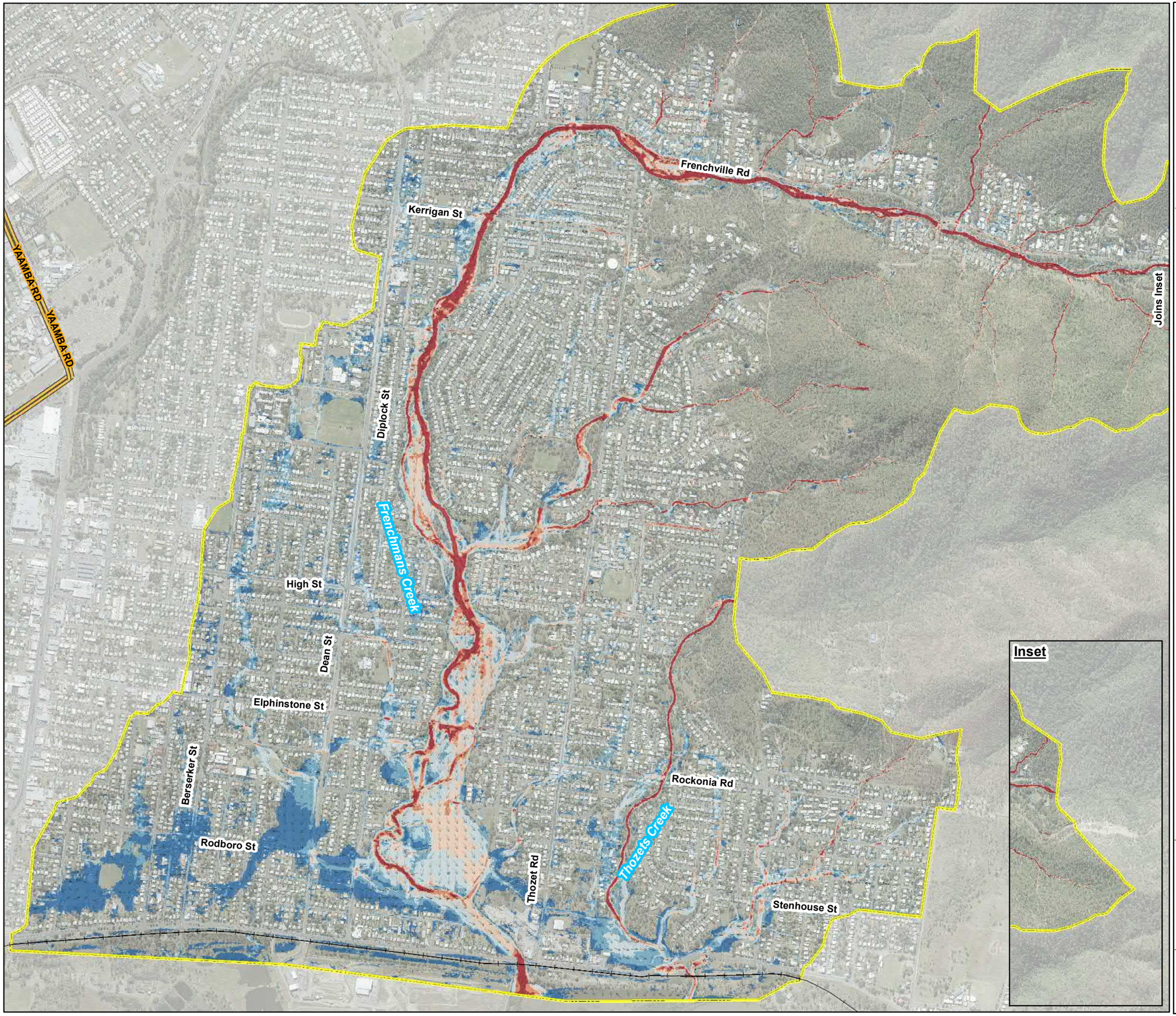
Frenchmans / Thozets Creek Model Baseline Peak Flood Height

5% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-29

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-29_5p2AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

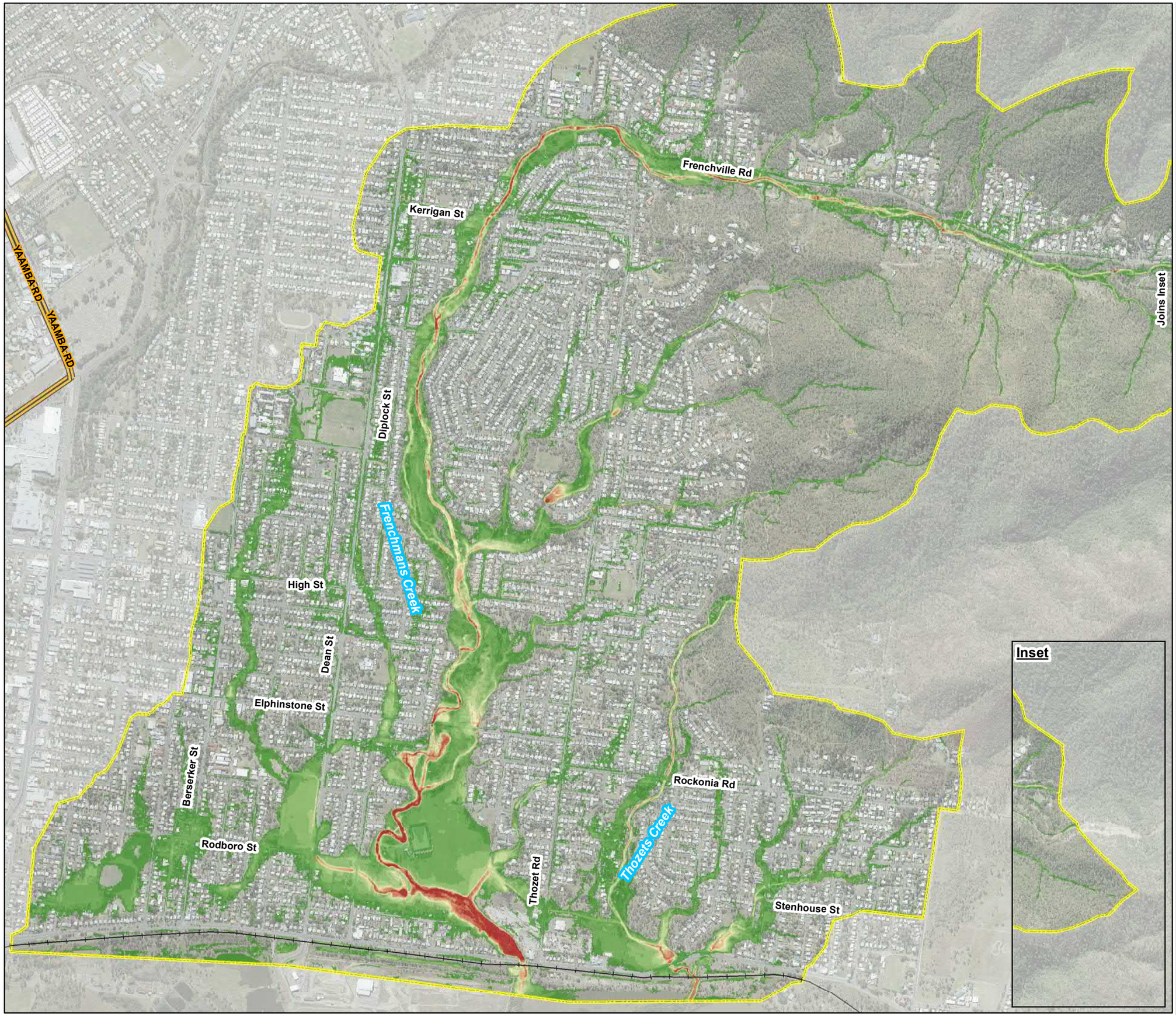
Frenchmans / Thozets Creek Model Baseline Peak Flood Velocity

5% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-30

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-30_5p2AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

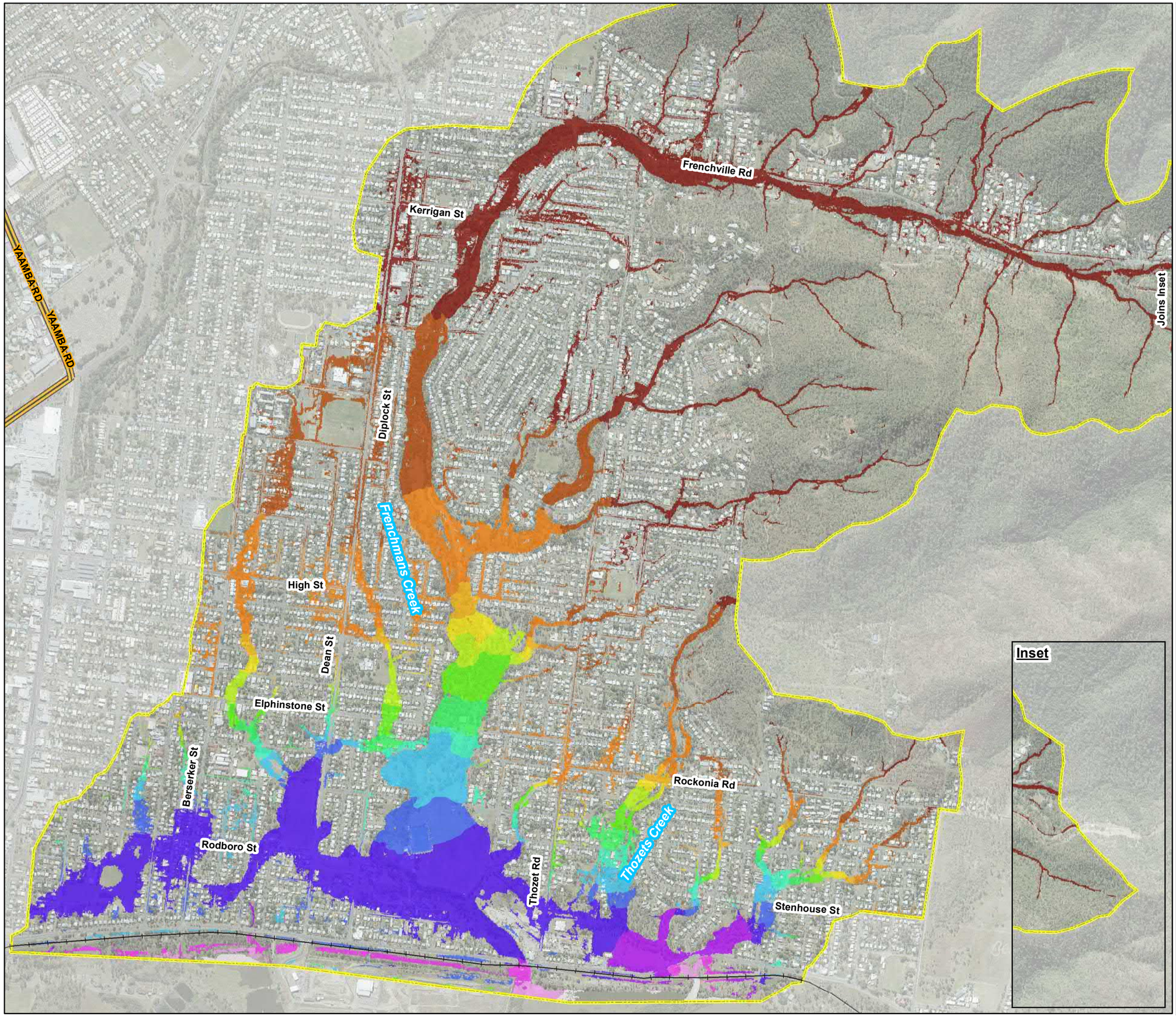
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-31

Filename: \\aurok1fp001\Projects\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-31_2p2AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

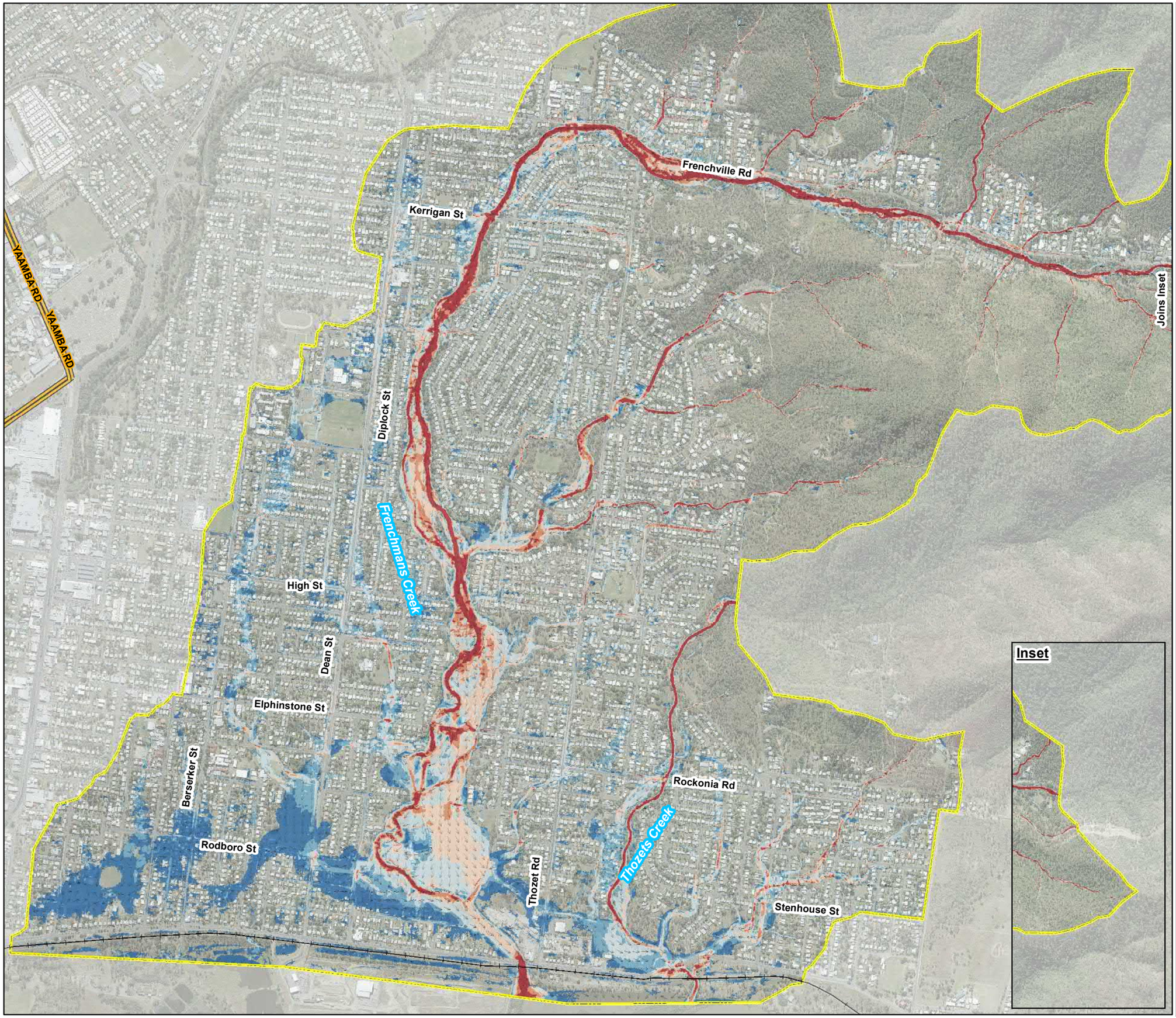
Frenchmans / Thozets Creek Model Baseline Peak Flood Height

2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-32

Filename: \\aurok1fp001\Projects\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-32_2p2AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

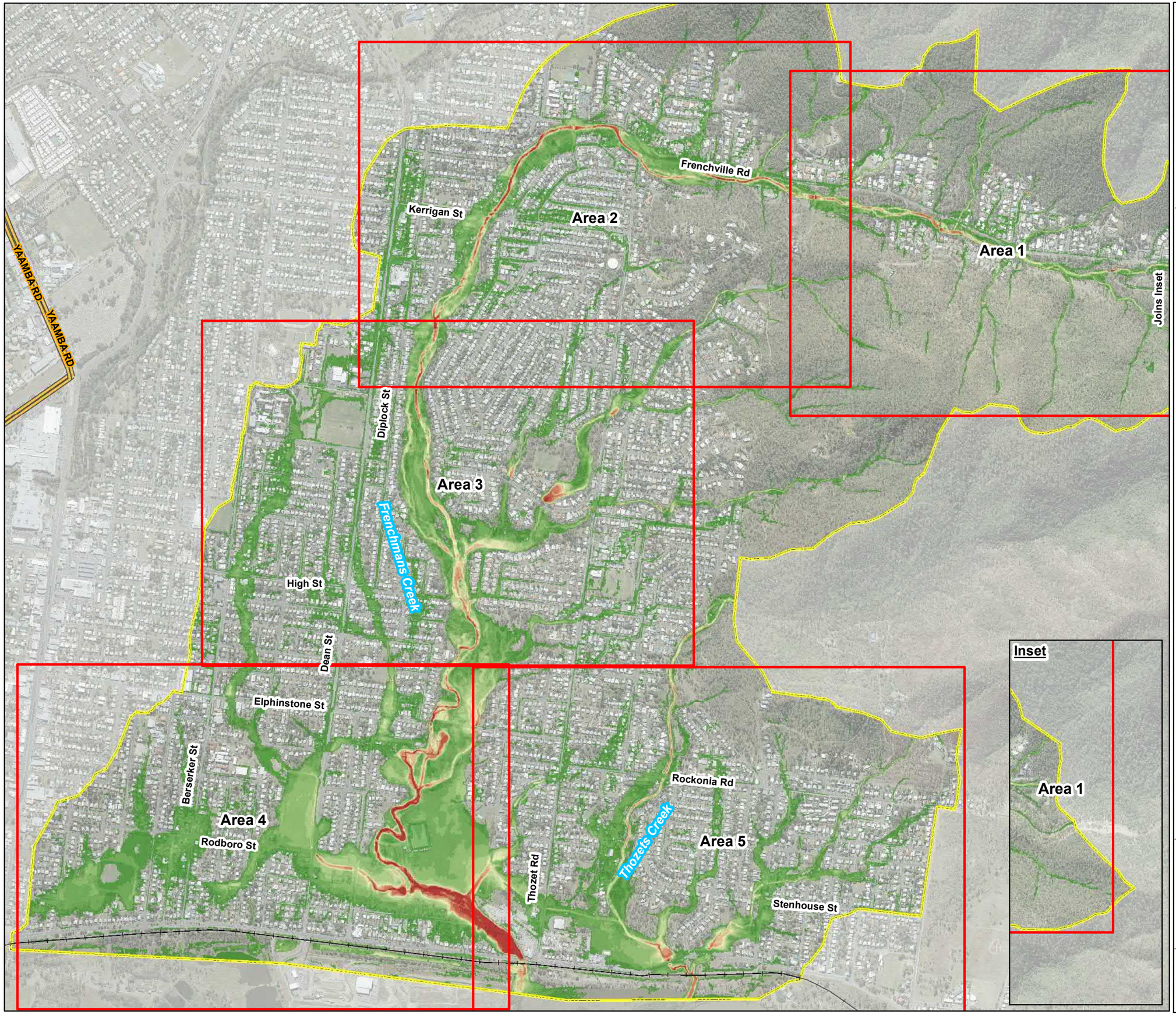
Frenchmans / Thozets Creek Model Baseline Peak Flood Velocity

2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-33

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-33_2p2AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

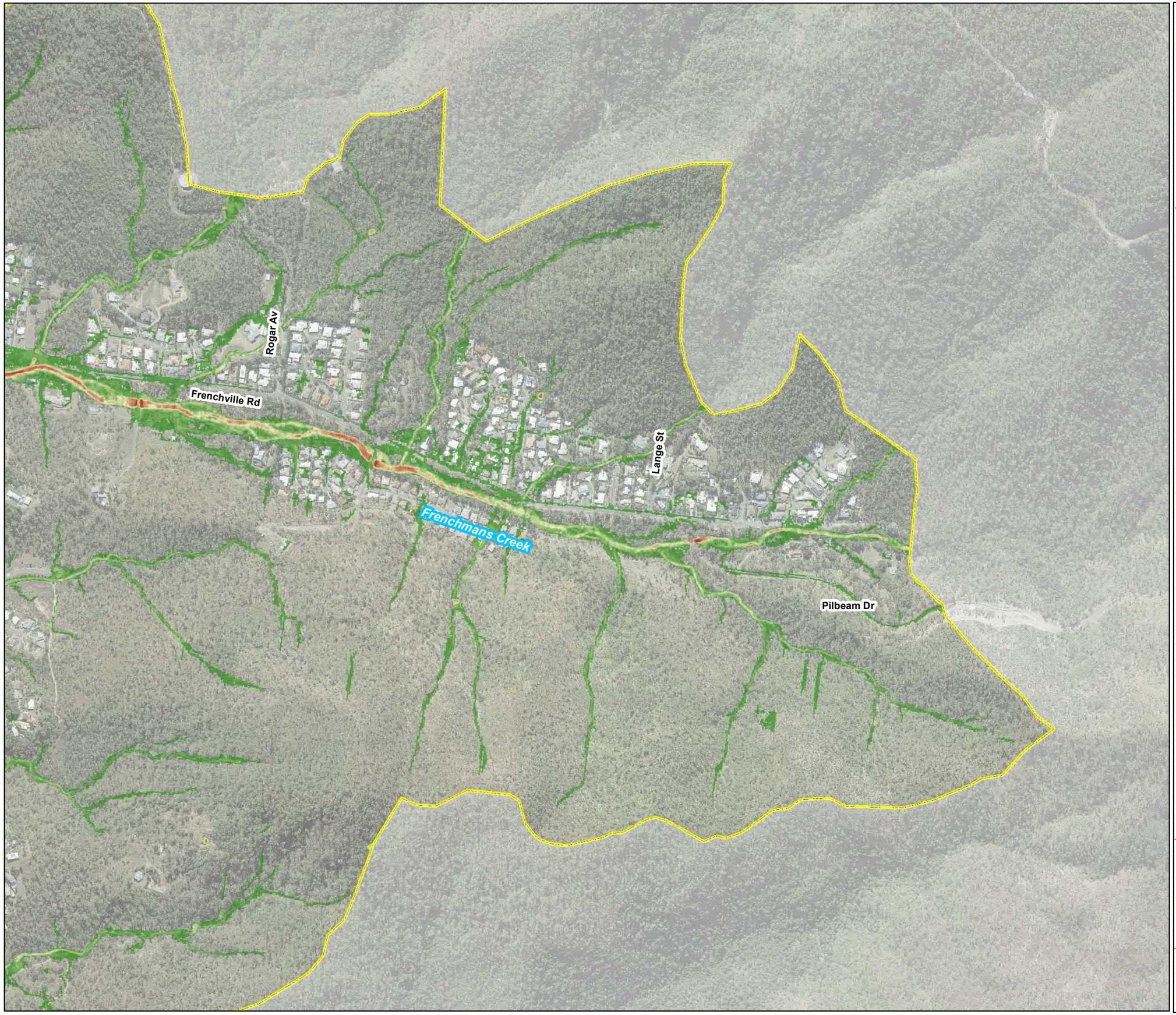
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-34

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-34_1p2AEP_Depth_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-35

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-35_1p2AEP_Depth_Area1.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

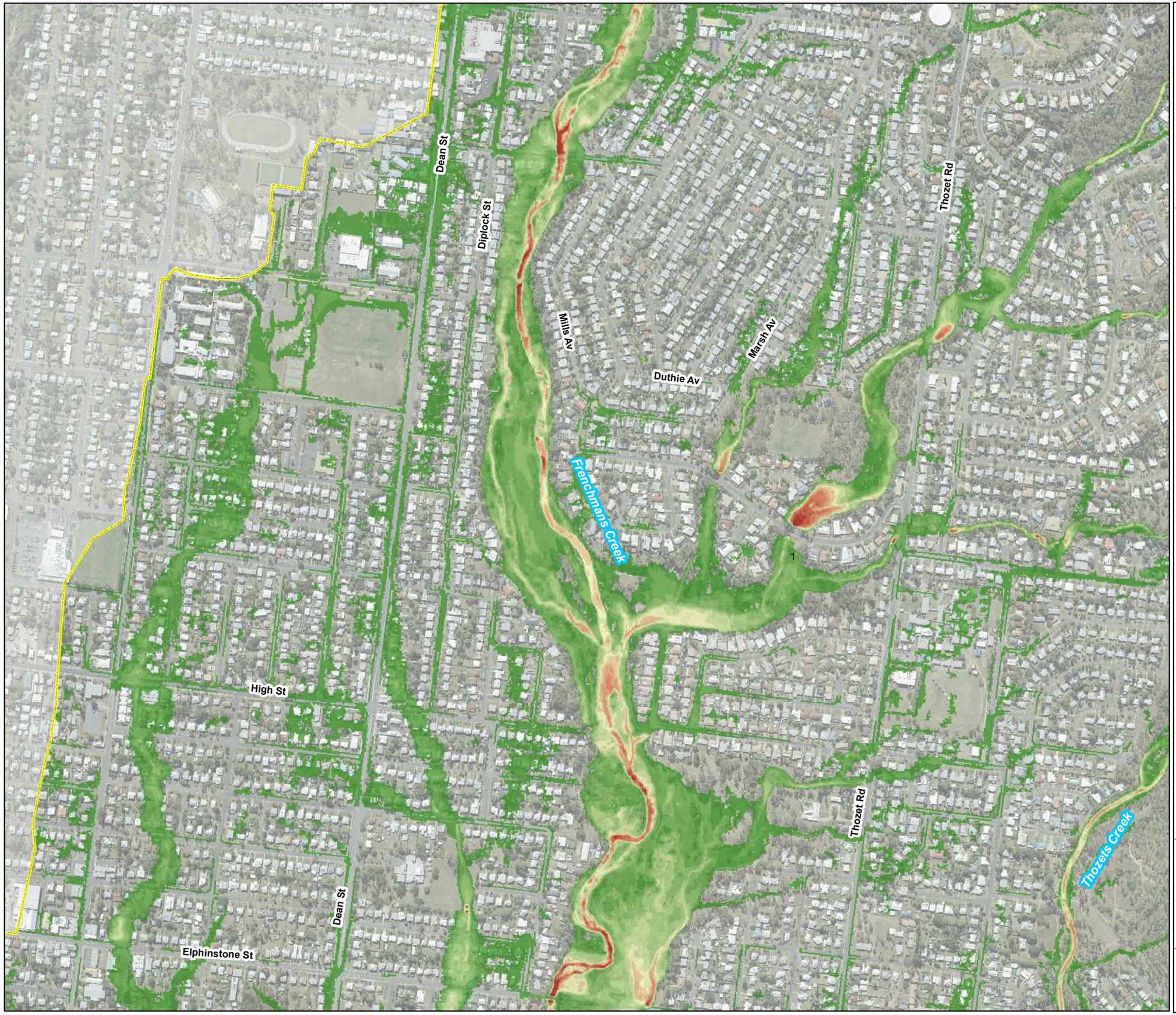
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-36

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-36_1p2AEP_Depth_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

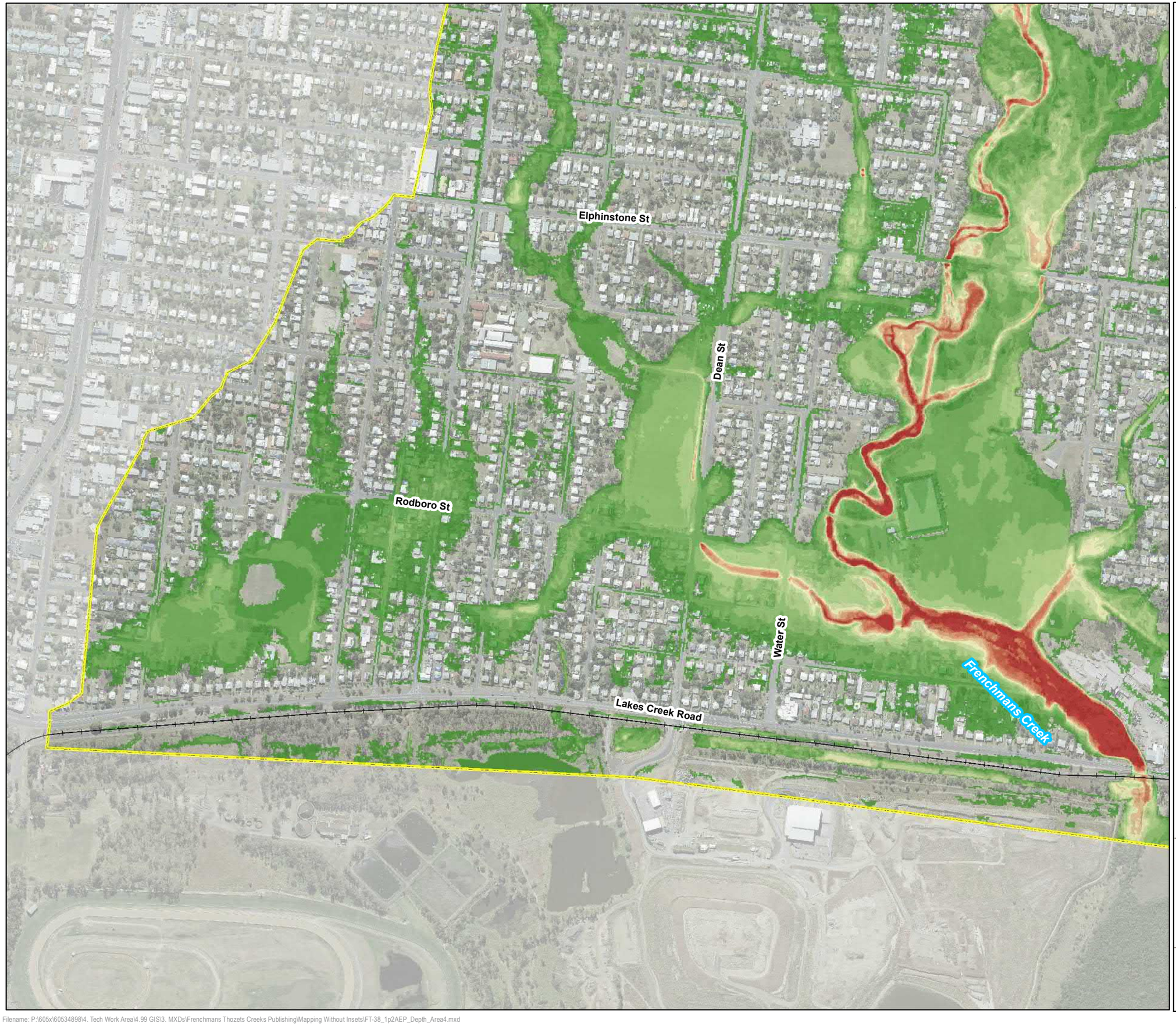
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-37

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-37_1p2AEP_Depth_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-38

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-38_1p2AEP_Depth_Area4.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

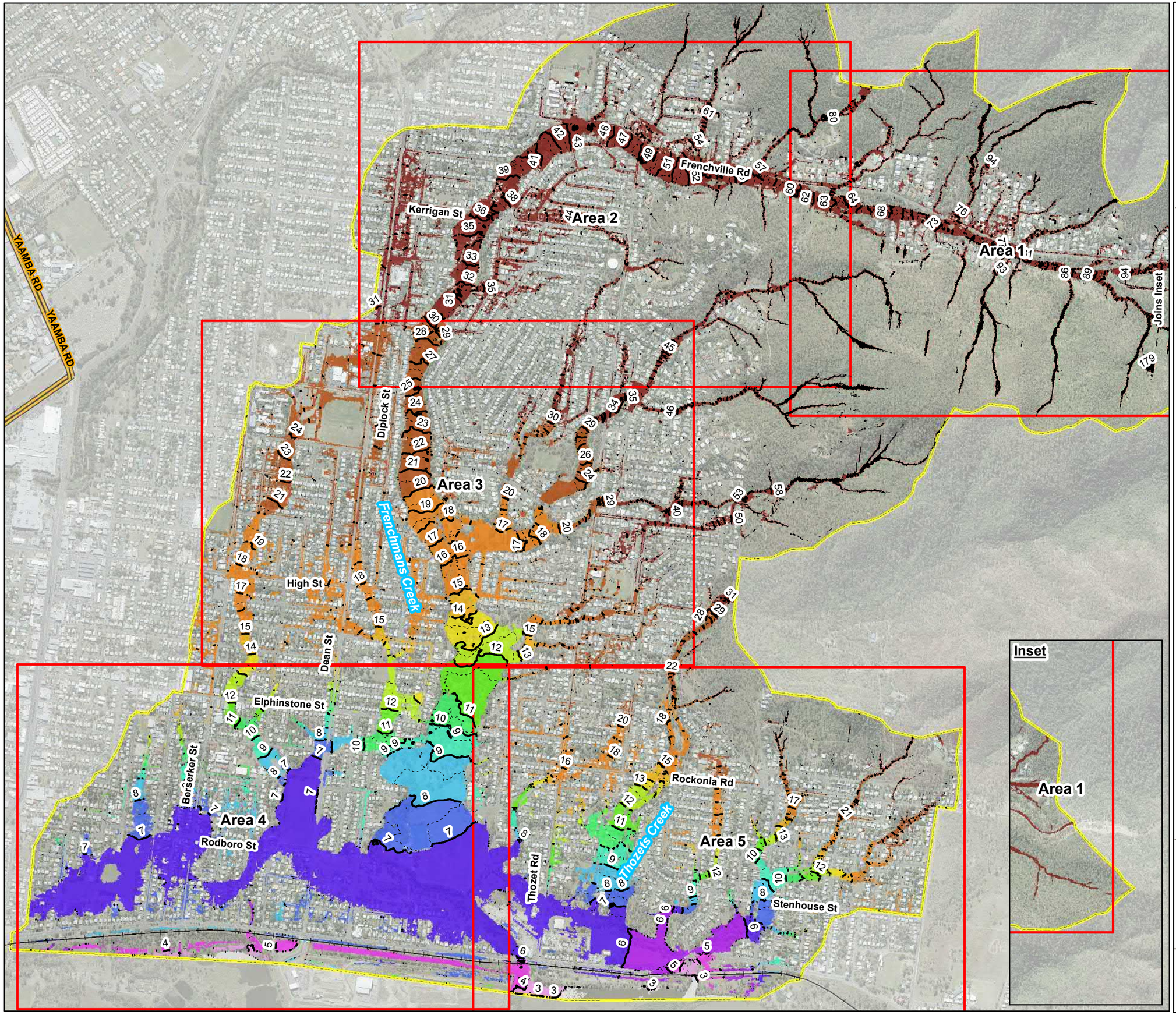
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth Area 5

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-39

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-39_1p2AEP_Depth_Area5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

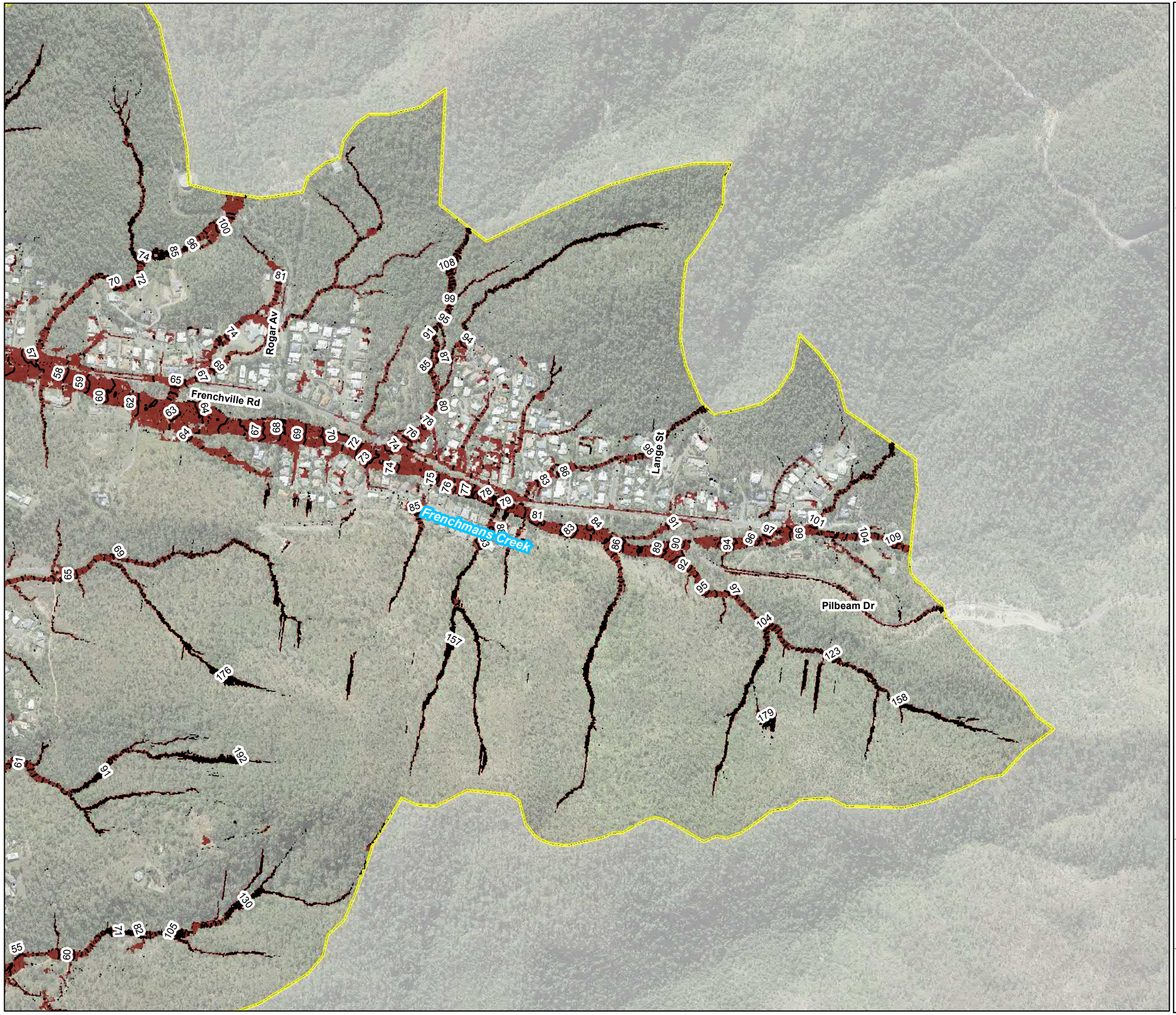
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-40

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-40_1p2AEP_Height_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

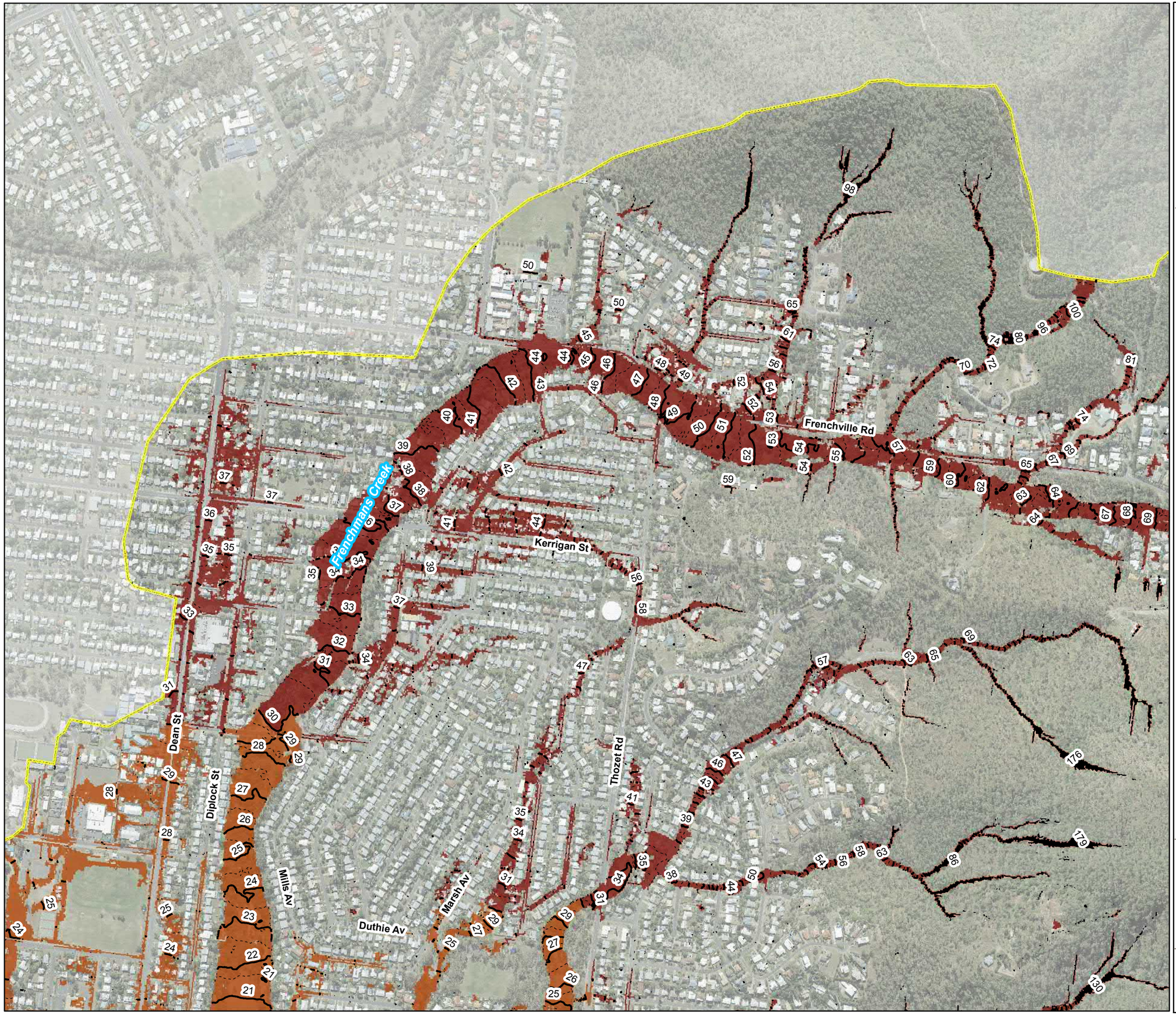
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map
FT-41

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-41_1p2AEP_Height_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

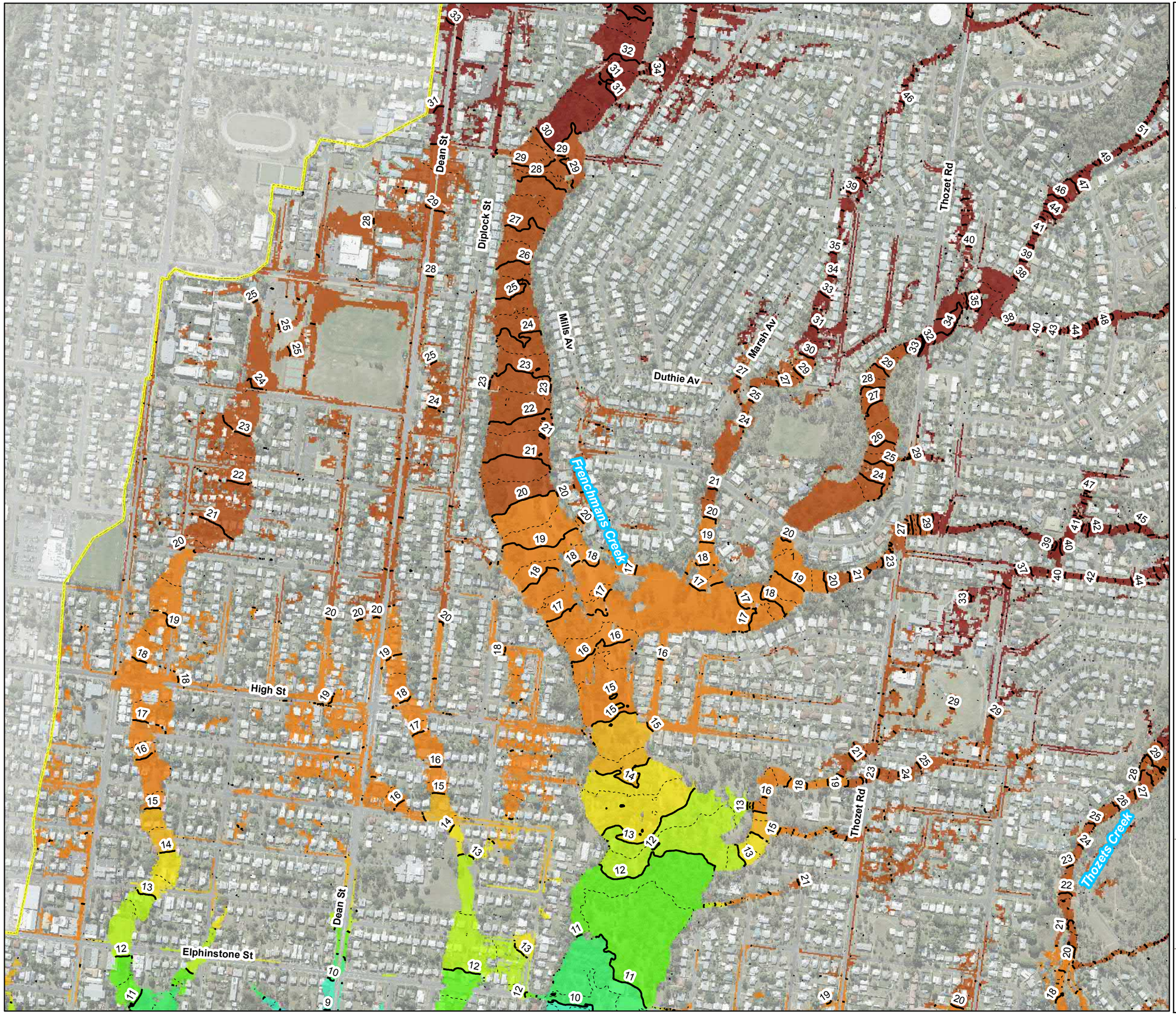
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-42

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-42_1p2AEP_Height_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

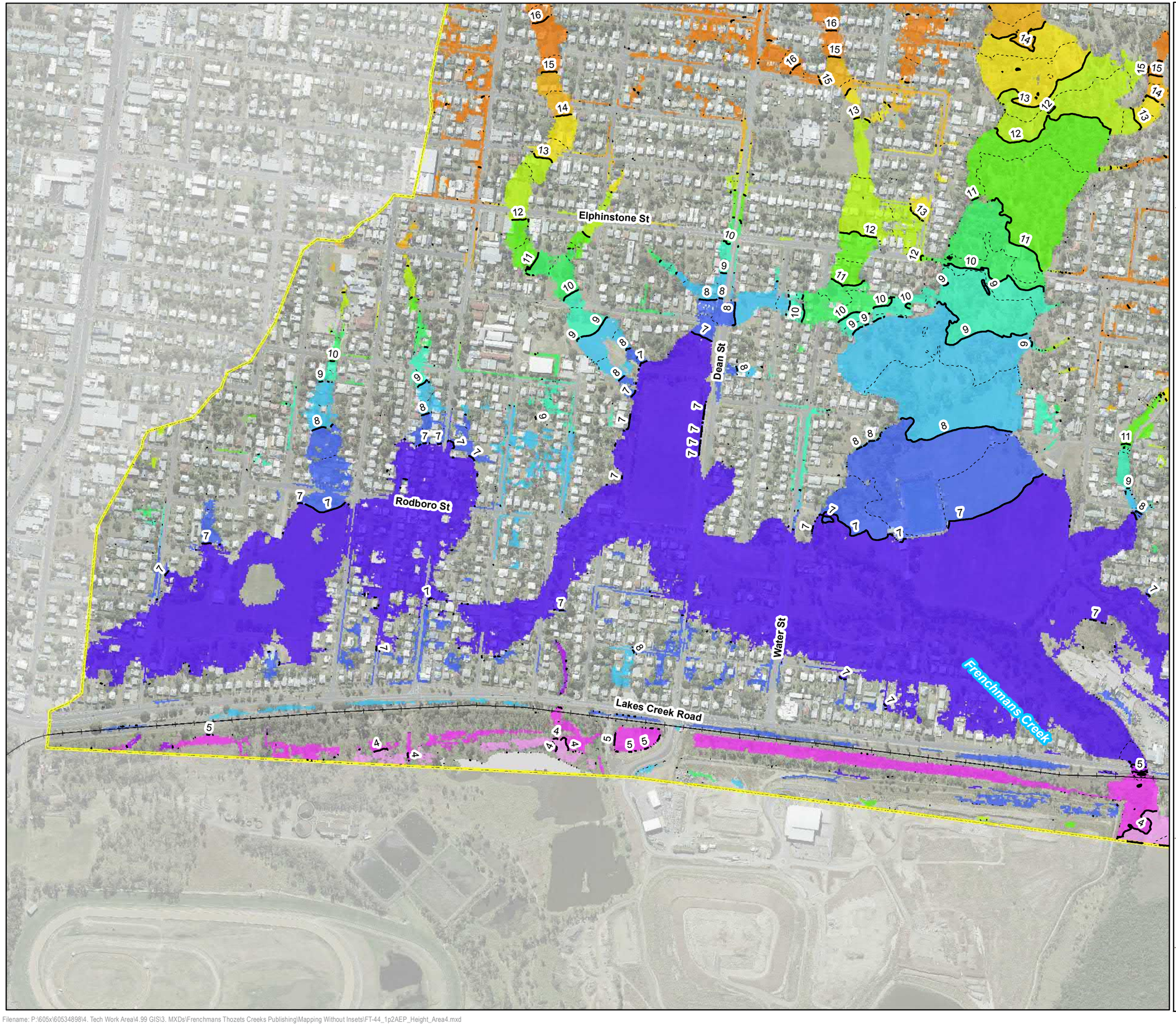
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-43

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-43_1p2AEP_Height_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

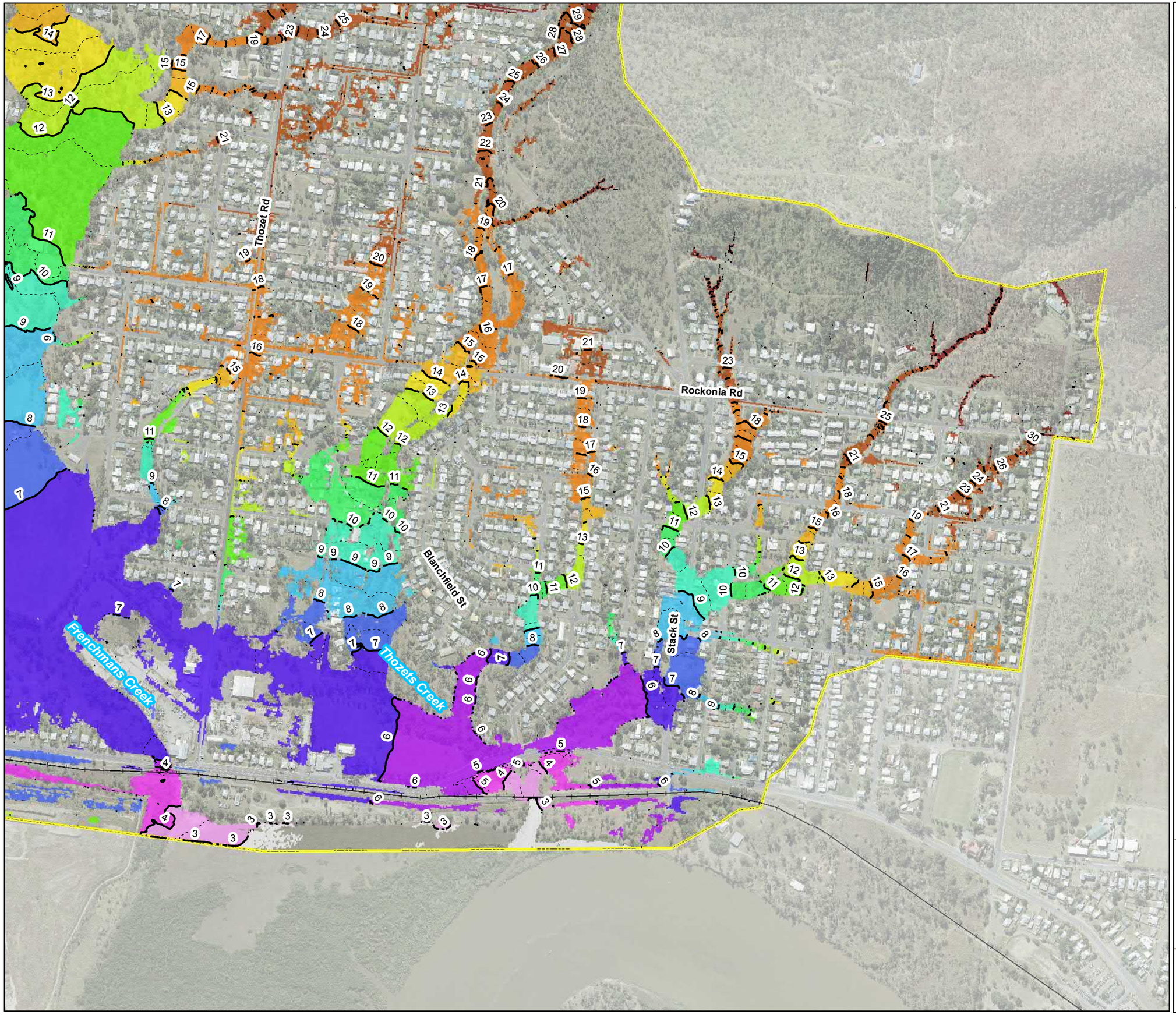
Frenchmans / Thozets Creek Model
Baseline Peak Flood Height
Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-44

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-44_1p2AEP_Height_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

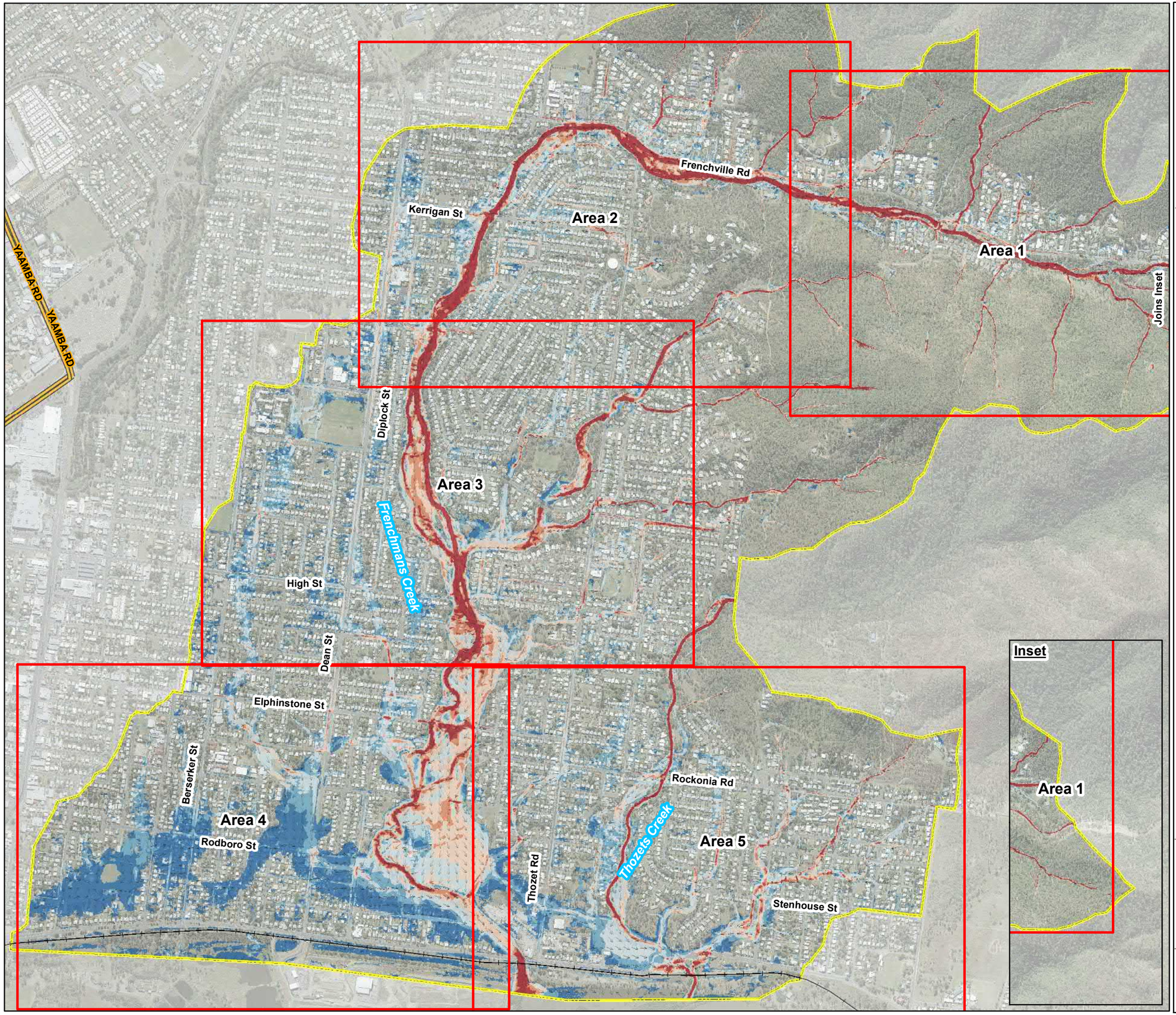
Frenchmans / Thozets Creek Model Baseline Peak Flood Height Area 5

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-45

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-45_1p2AEP_Height_Area5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

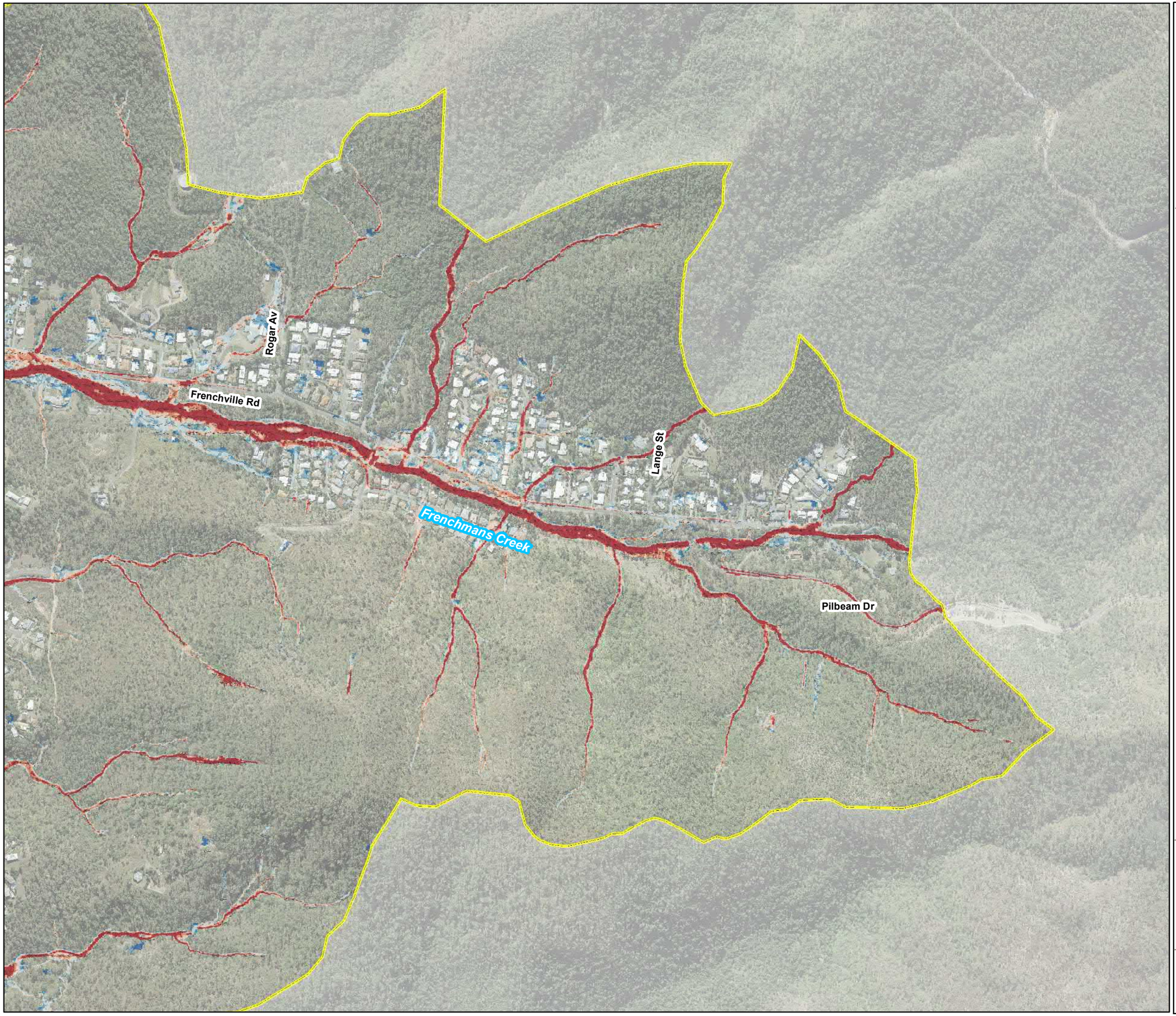
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-46

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-46_1p2AEP_Velocity_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

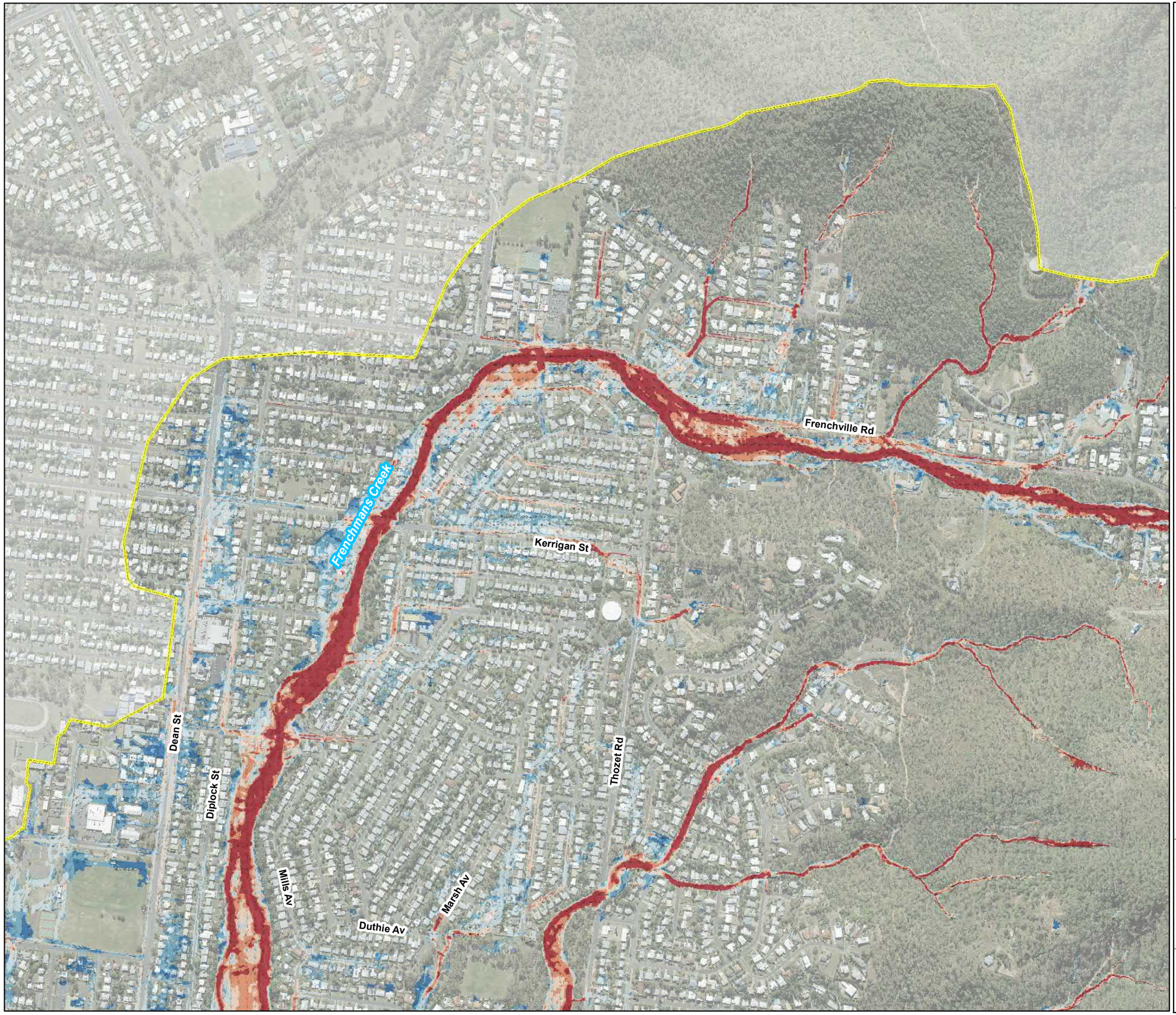
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-47

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-47_1p2AEP_Velocity_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

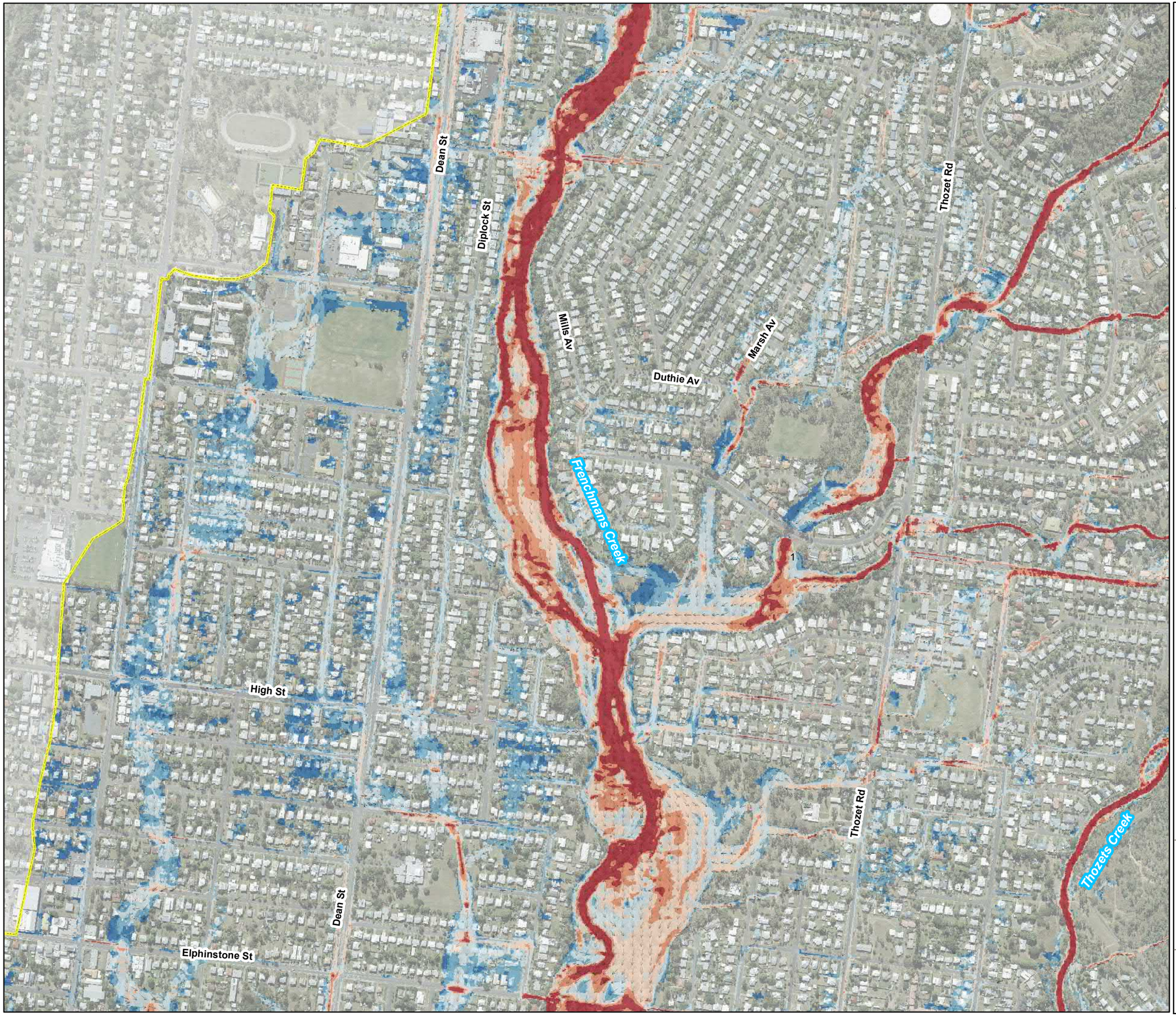
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-48

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-48_1p2AEP_Velocity_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

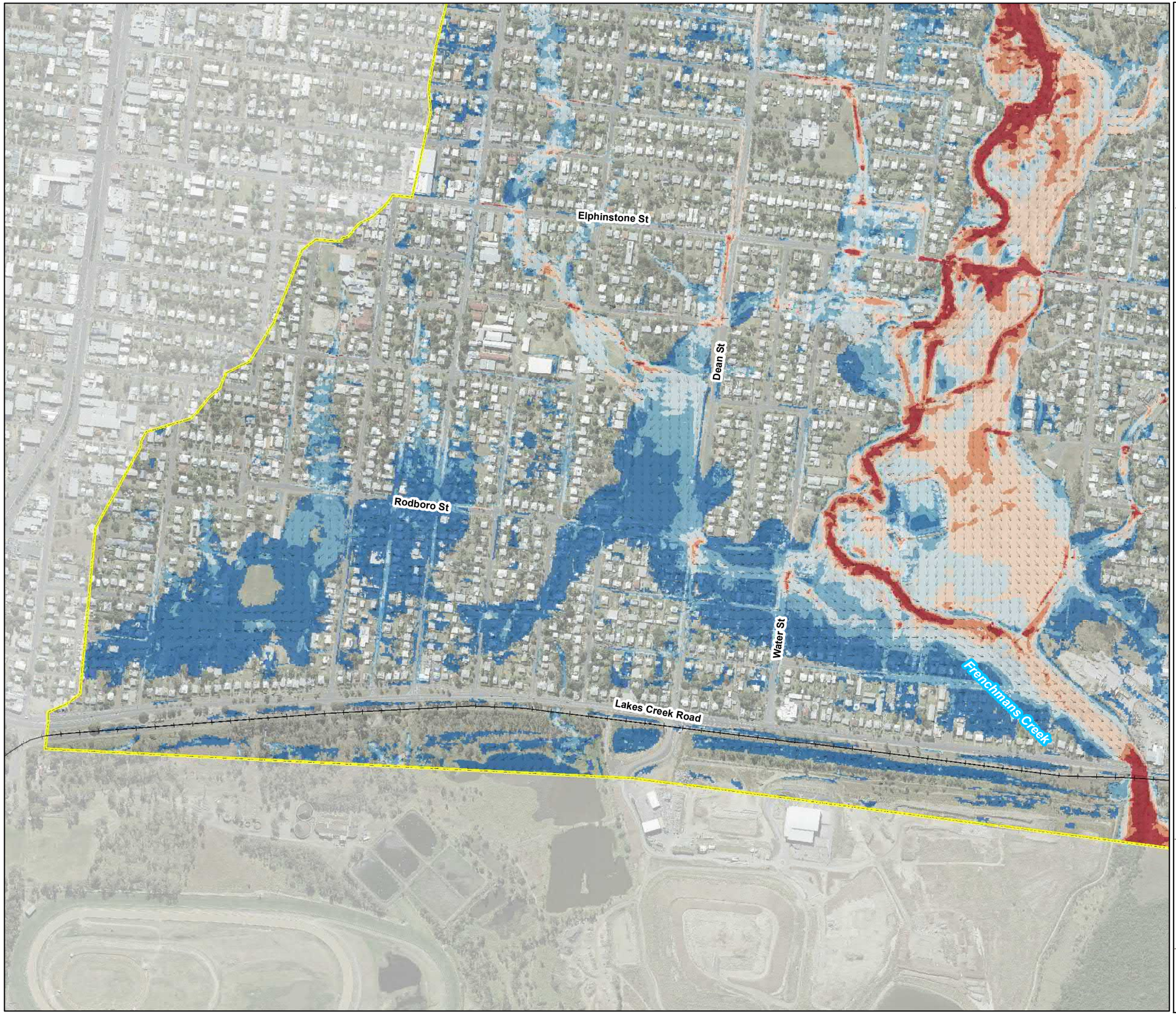
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-49

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-49_1p2AEP_Velocity_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

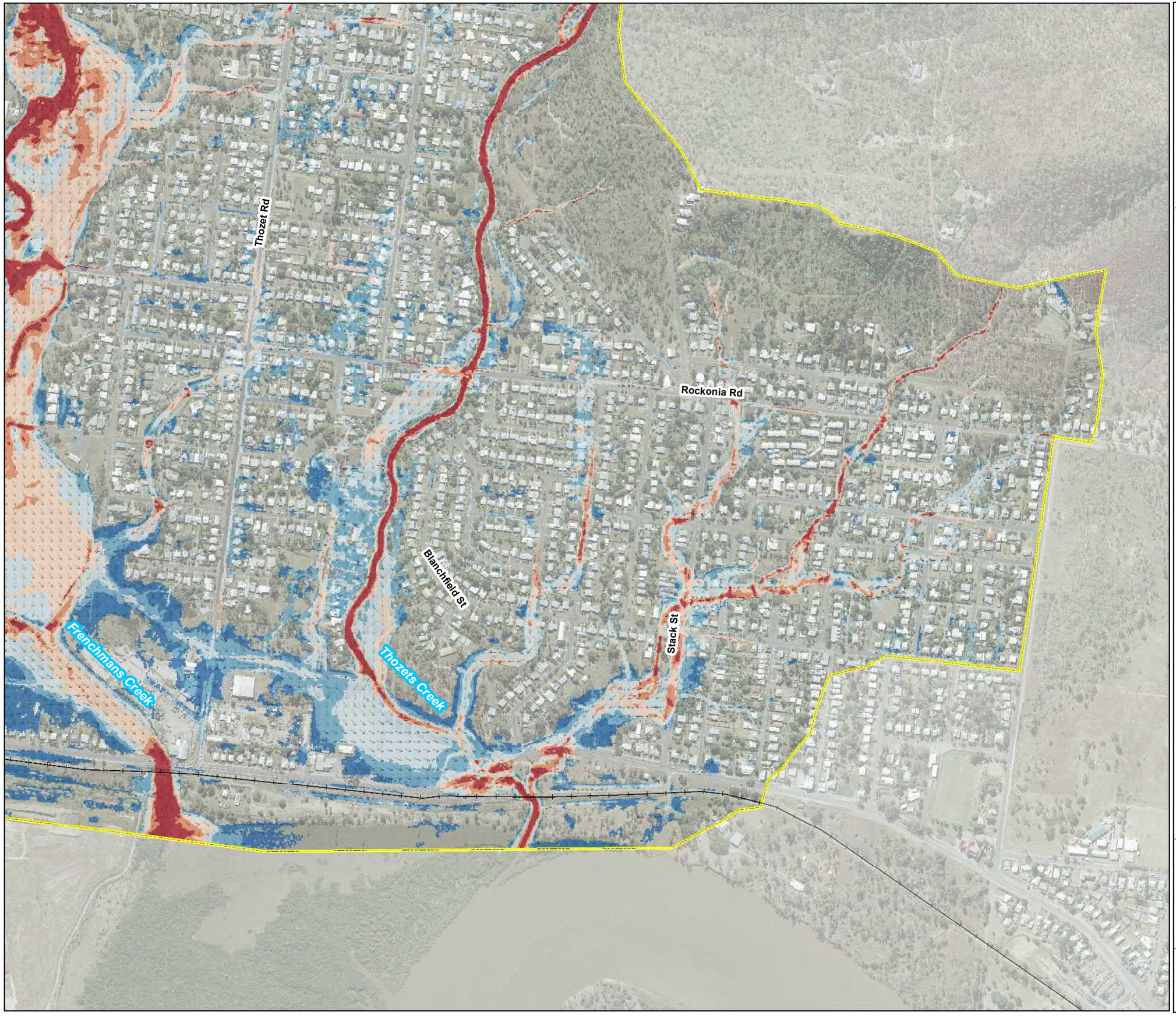
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-50

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-50_1p2AEP_Velocity_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

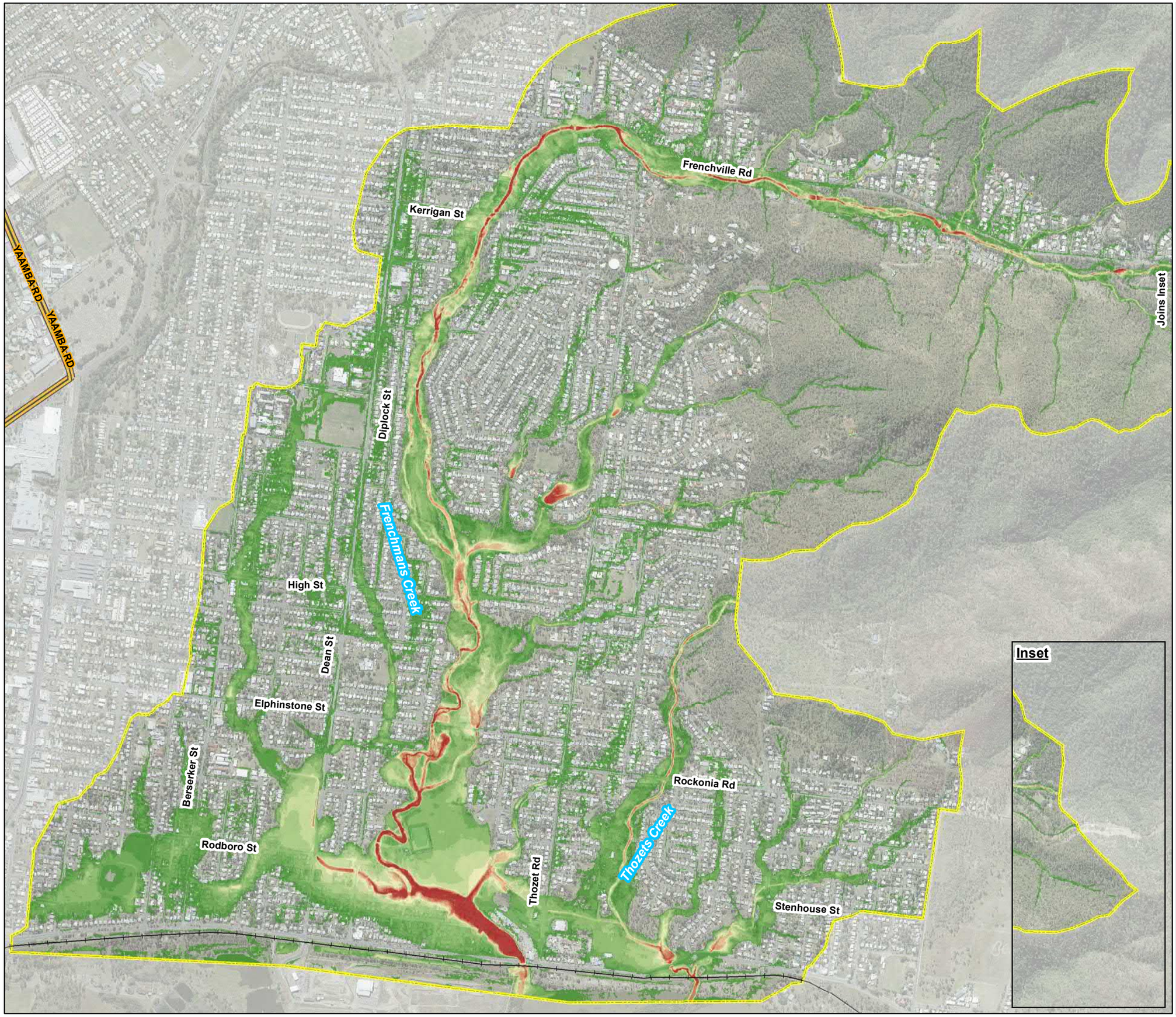
Frenchmans / Thozets Creek Model Baseline Peak Depth Averaged Velocity Area 5

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-51

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-51_1p2AEP_Velocity_Area5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

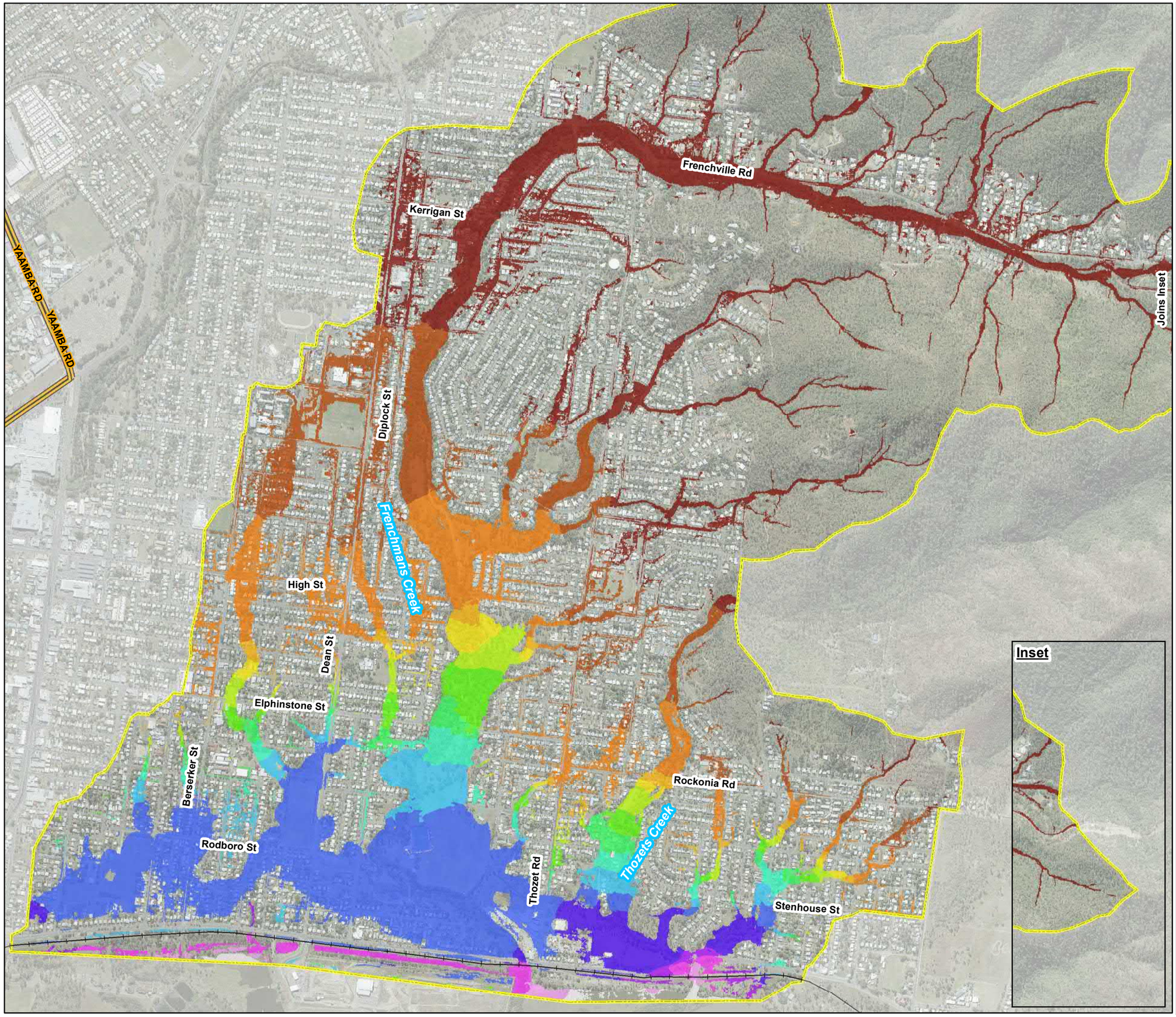
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

0.2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-52

Filename: \\aurok1fp001\Projects\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-52_0p20AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

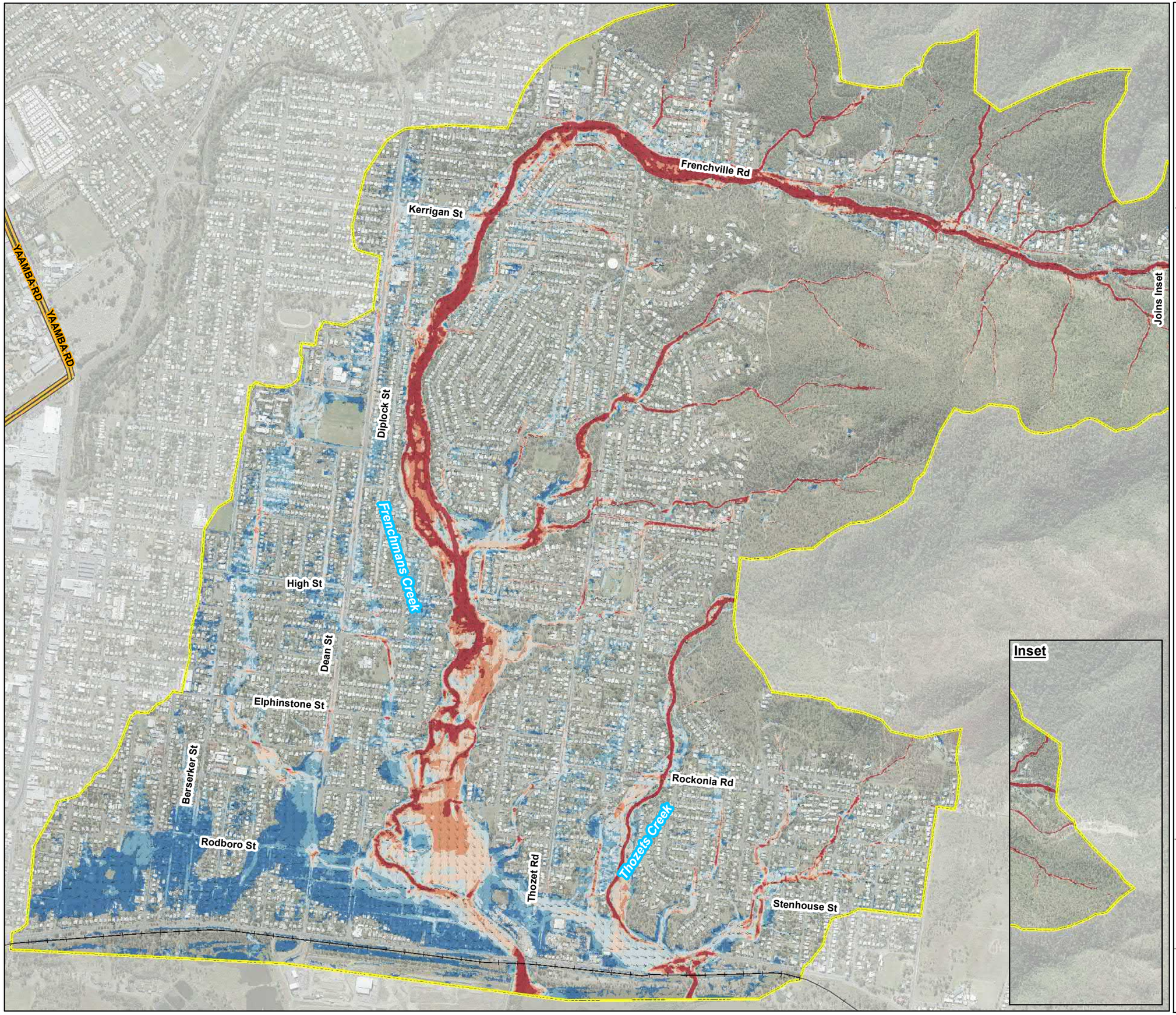
Frenchmans / Thozets Creek Model Baseline Peak Flood Height

0.2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-53

Filename: \\aurok1fp001\Projects\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-53_0p20AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

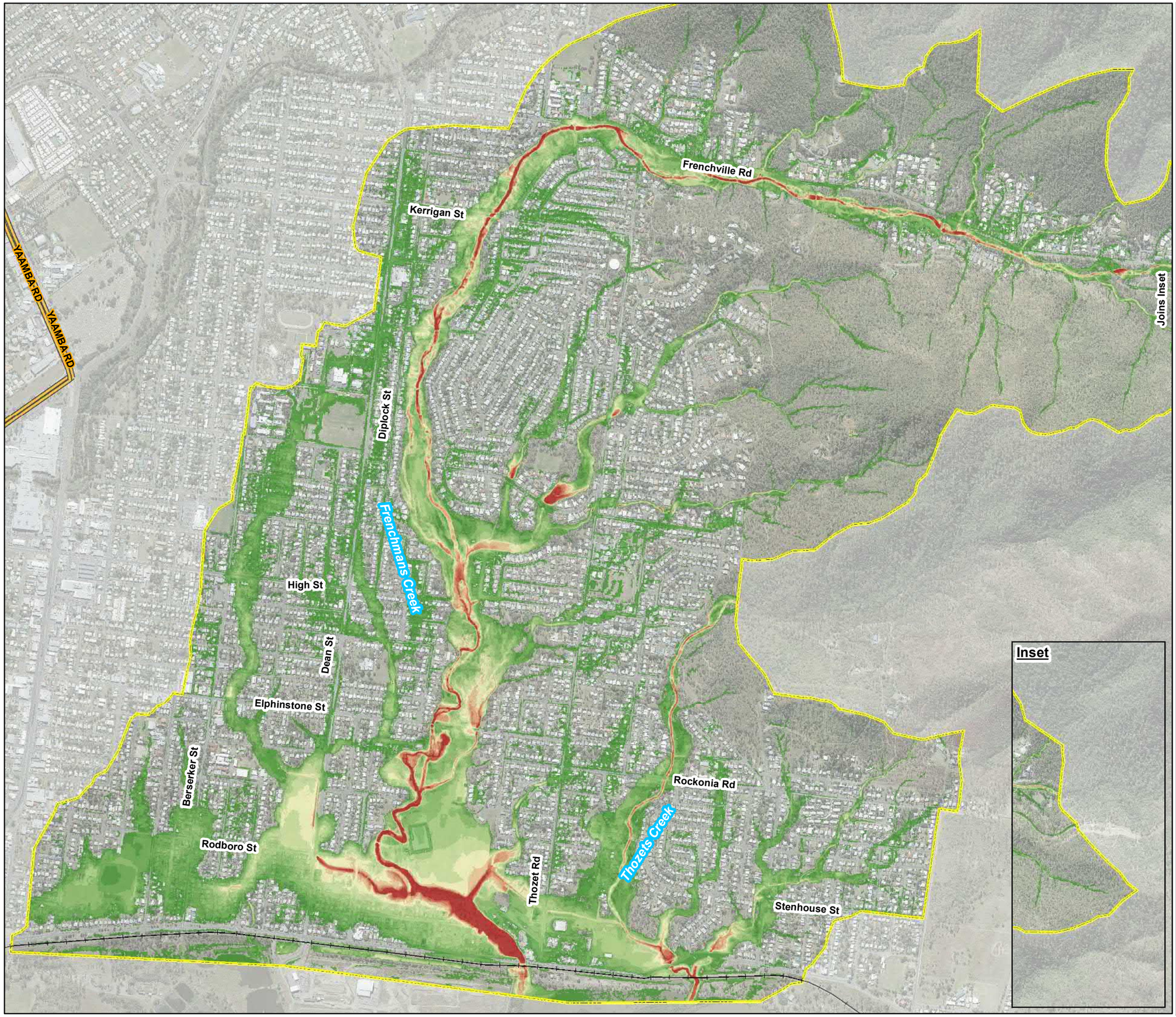
Frenchmans / Thozets Creek Model Baseline Peak Flood Velocity

0.2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-54

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-54_0p20AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

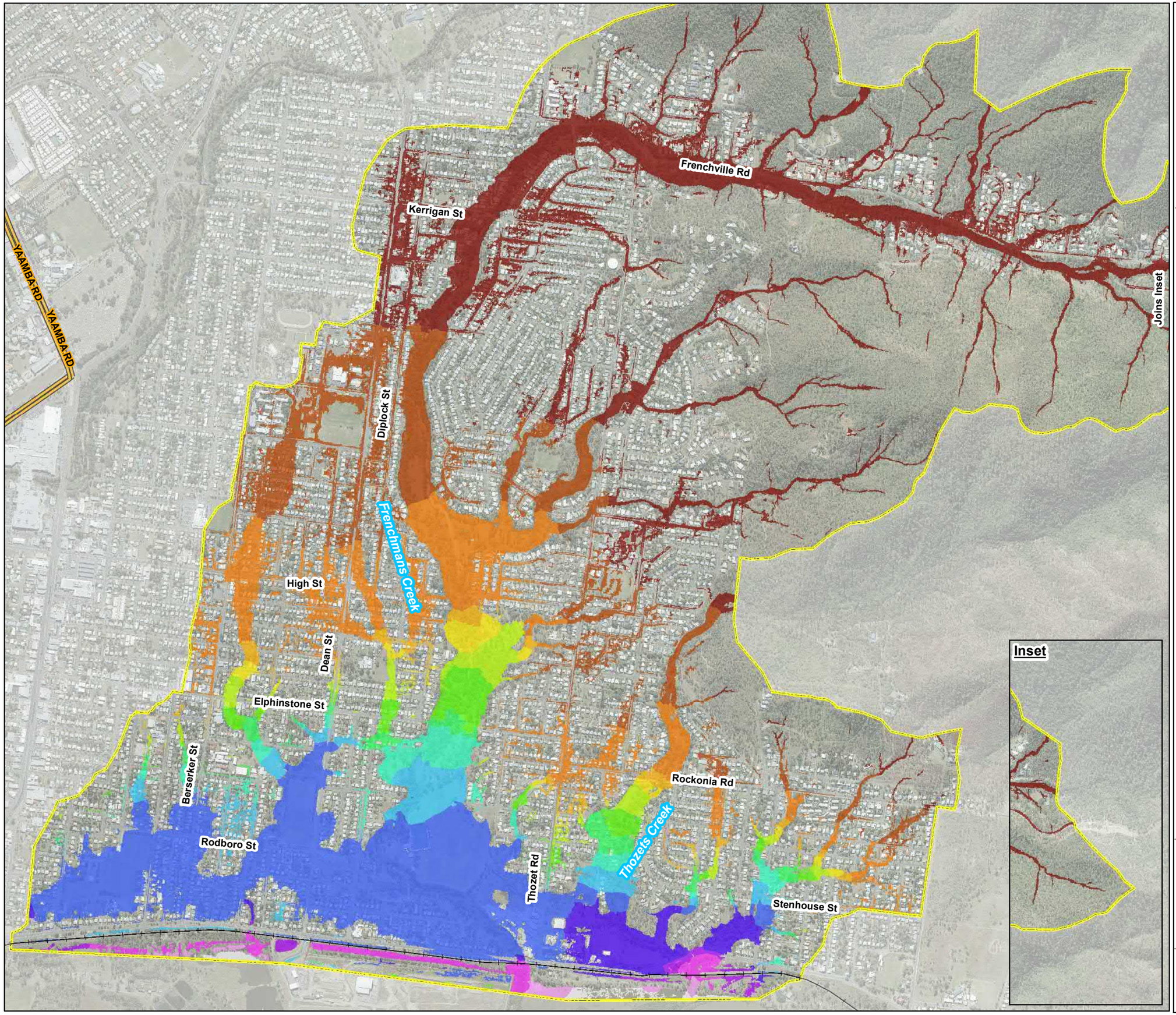
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

0.05% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-55

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-55_0p05AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

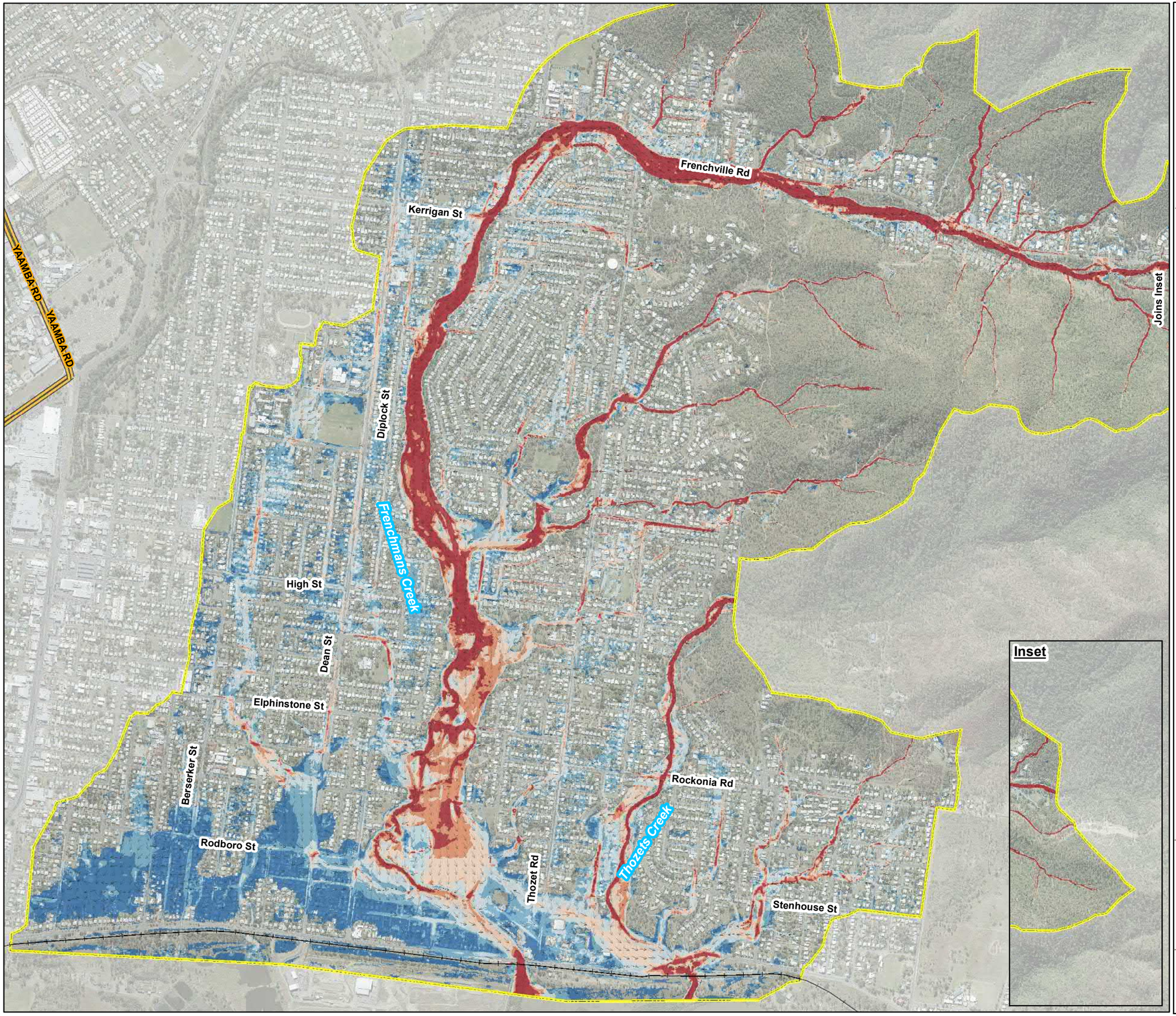
Frenchmans / Thozets Creek Model Baseline Peak Flood Height

0.05% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	18/07/2017
VERSION:	1

Map FT-56

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-56_0p05AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

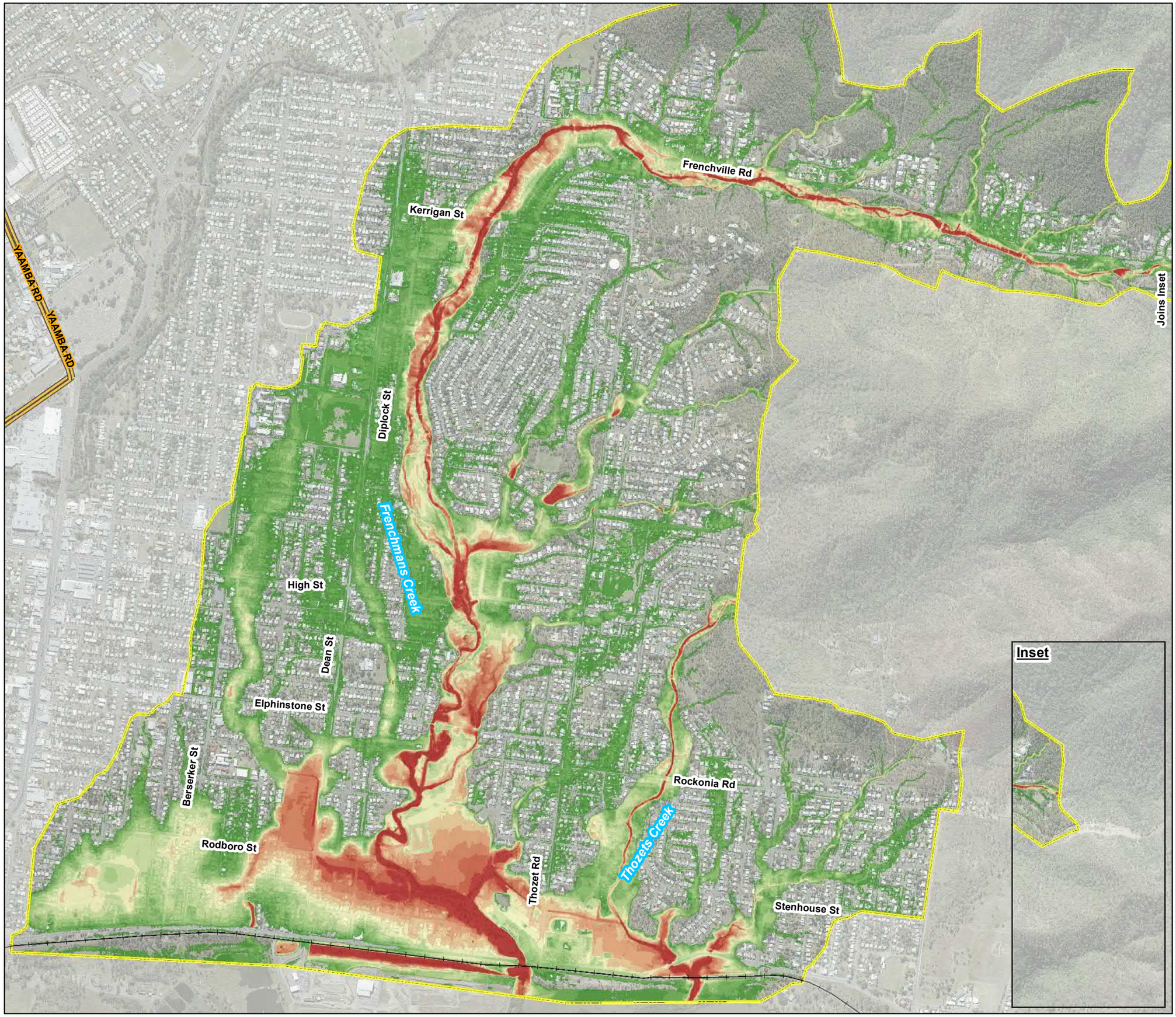
Frenchmans / Thozets Creek Model Baseline Peak Flood Velocity

0.05% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-57

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-57_0p05AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

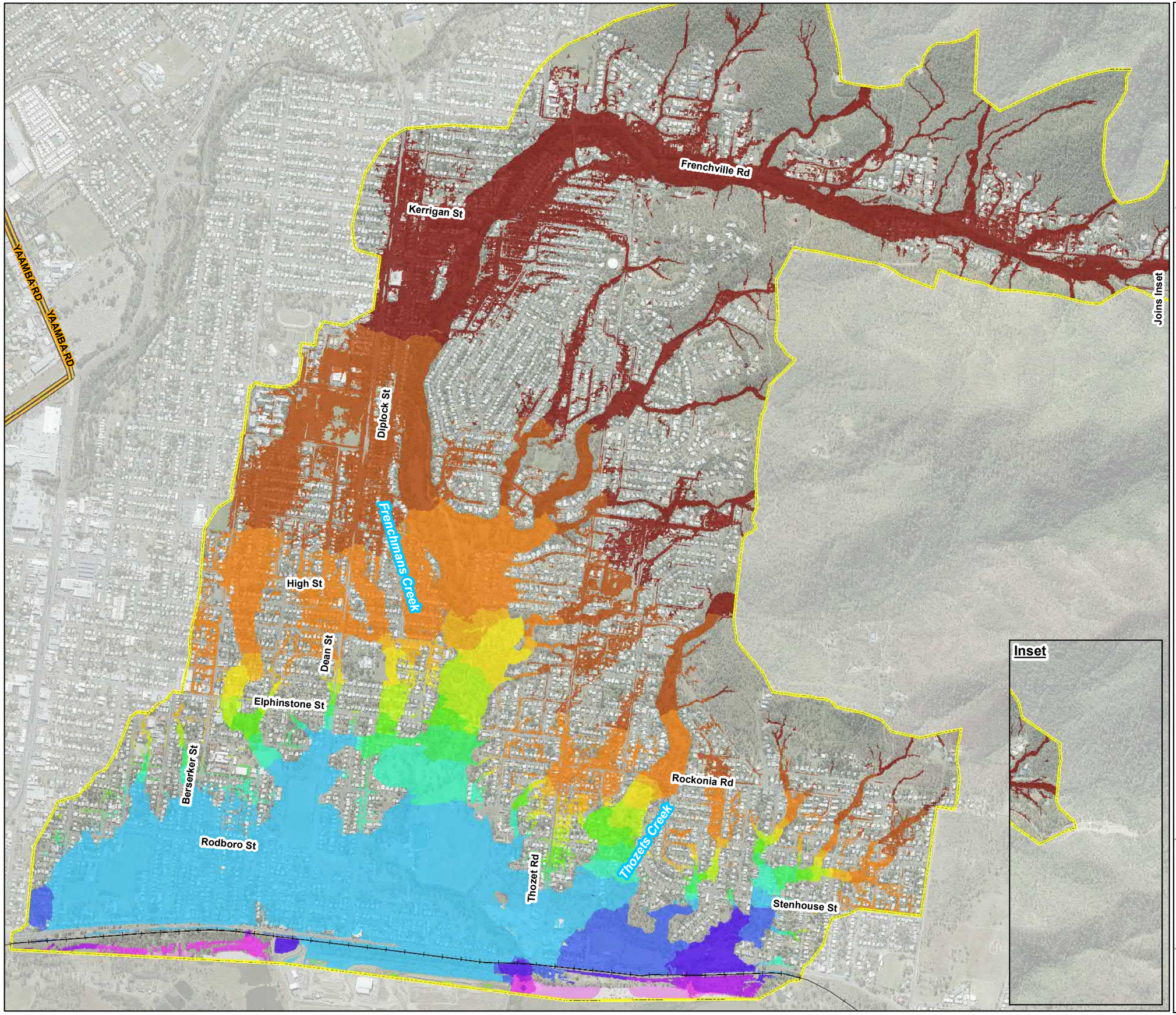
Frenchmans / Thozets Creek Model Baseline Peak Flood Depth

PMF 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-58

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-58_PMF_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

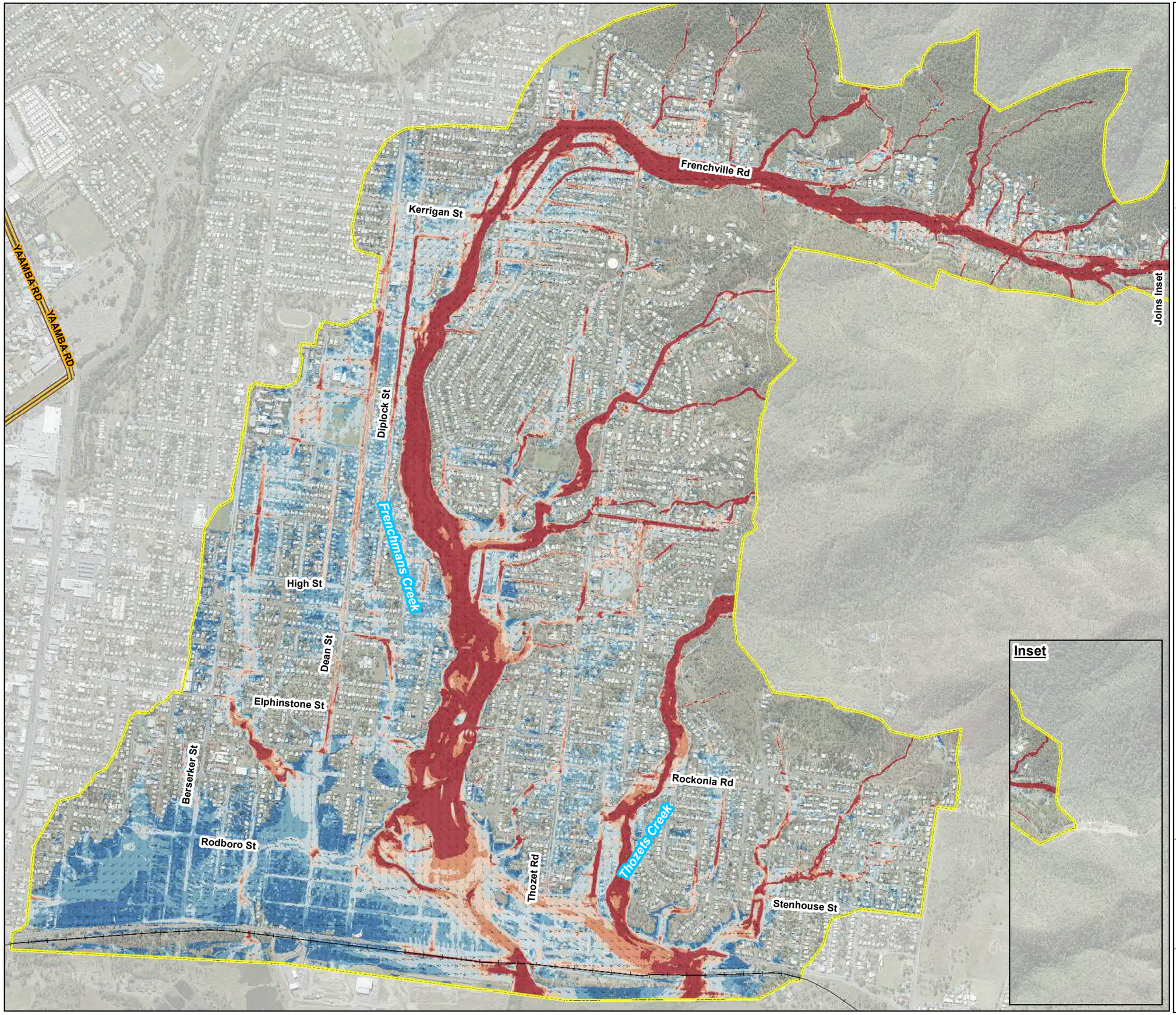
Frenchmans / Thozets Creek Model Baseline Peak Flood Height

PMF 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-59

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-59_PMF_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

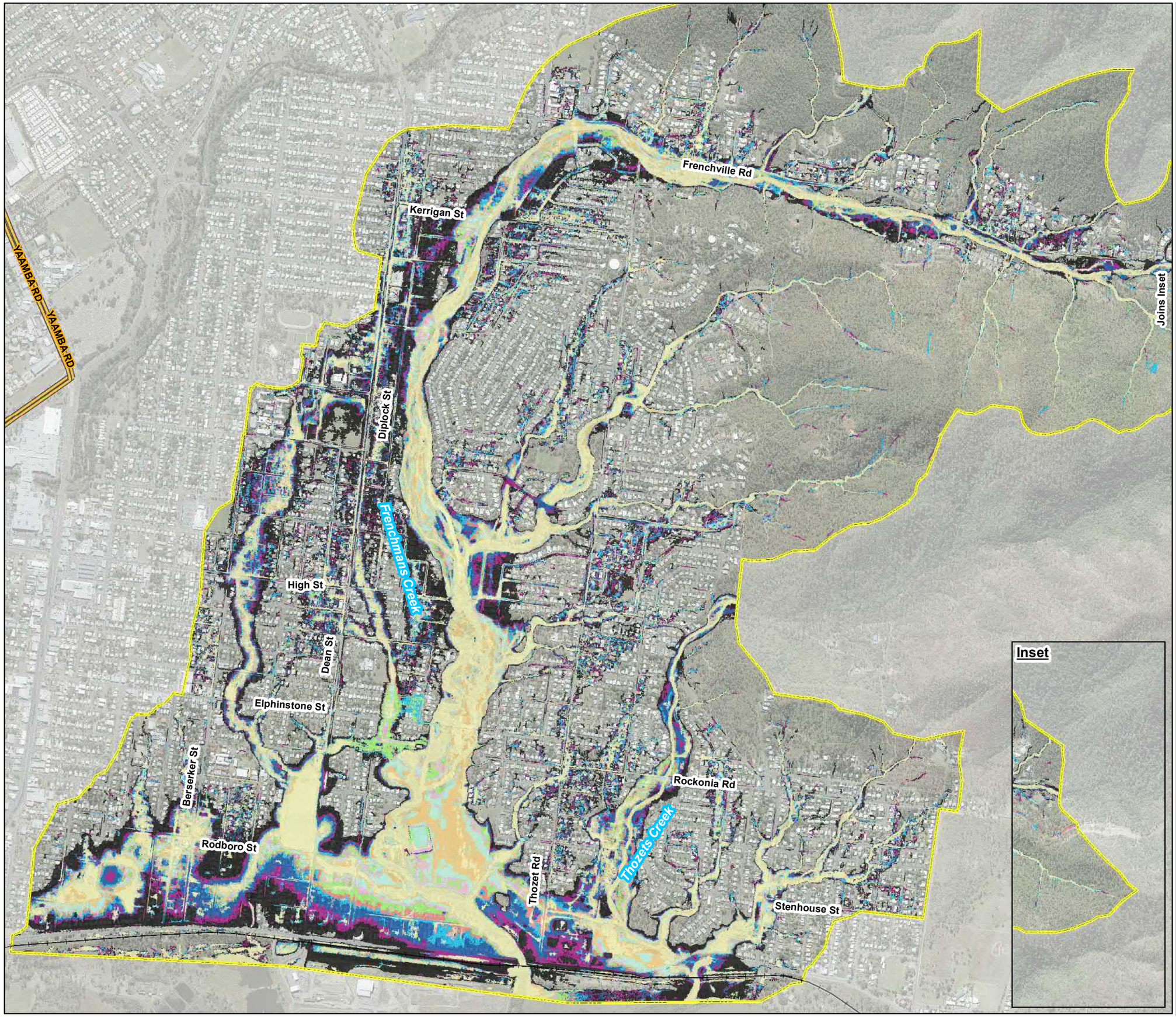
Frenchmans / Thozets Creek Model Baseline Peak Flood Velocity

PMF 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-60

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-60_PMF_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Depth Band

- 1 EY
- 39% AEP
- 18% AEP
- 10% AEP
- 5% AEP
- 2% AEP
- 1% AEP
- 0.2% AEP
- 0.05% AEP
- PMF

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

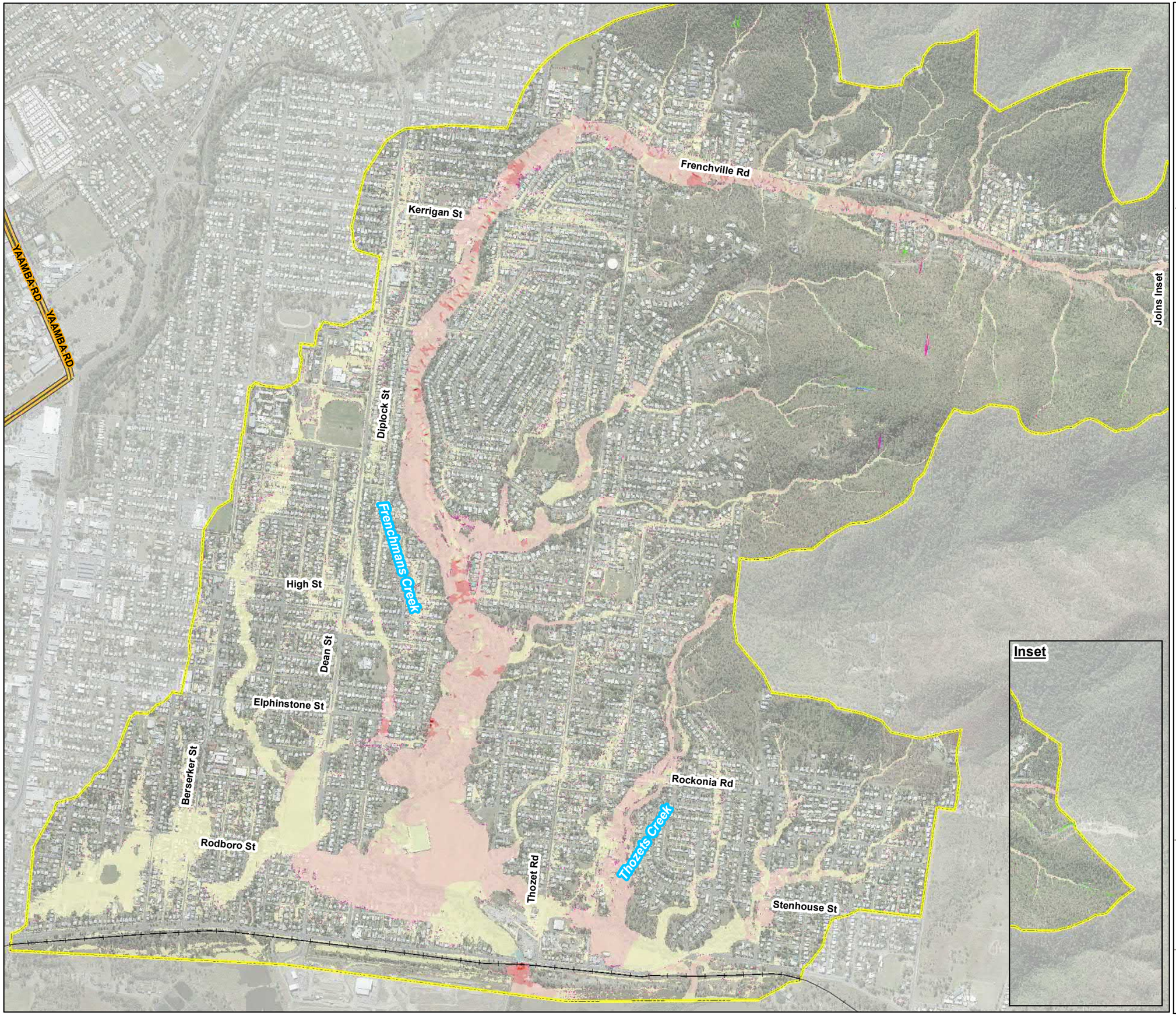
Frenchmans / Thozets Creek Model Baseline Peak Flood Extent

90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-61

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-61_EXTENT.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

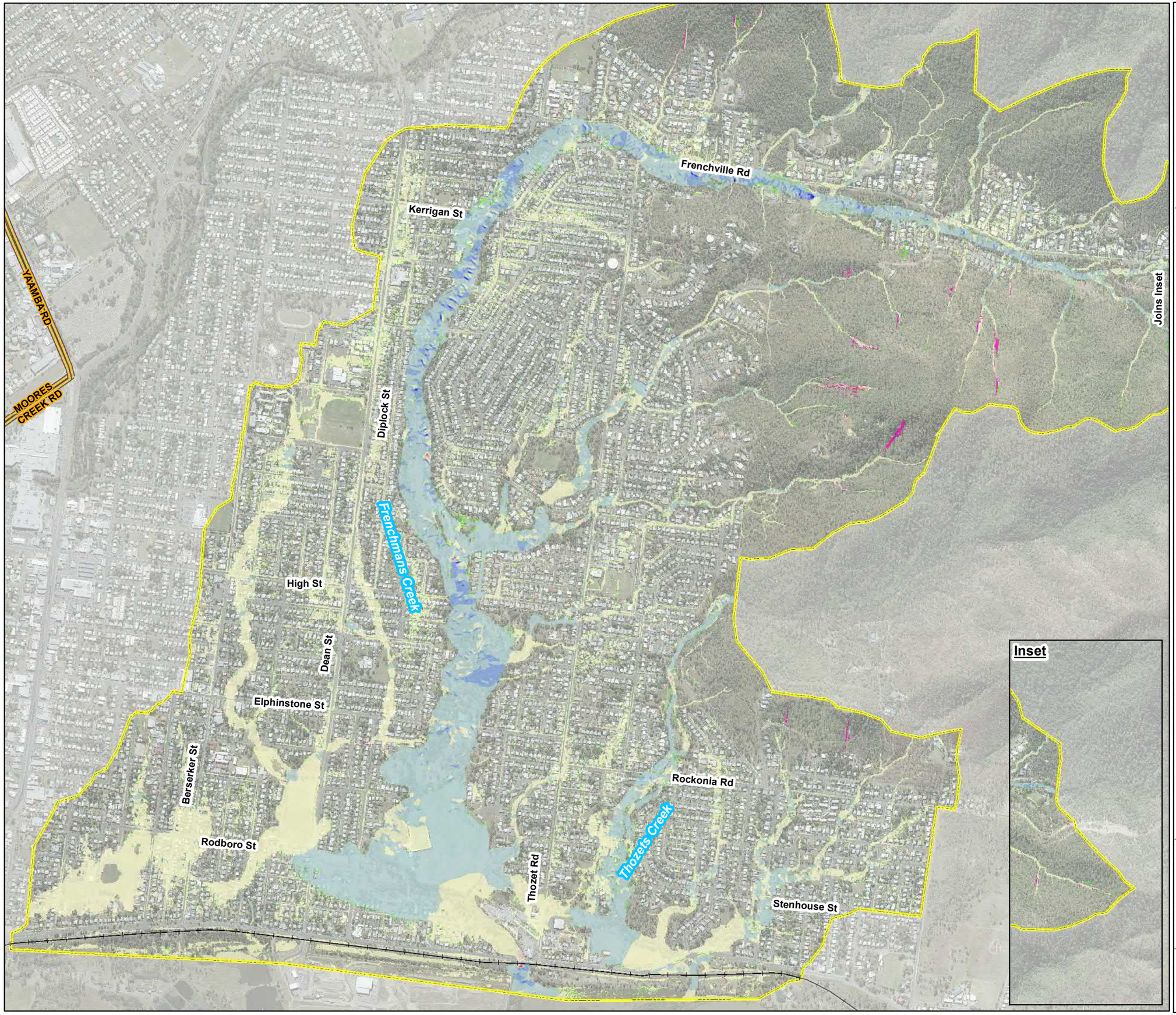
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths 15% Increased Roughness minus Baseline

1% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-62

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-62_S1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

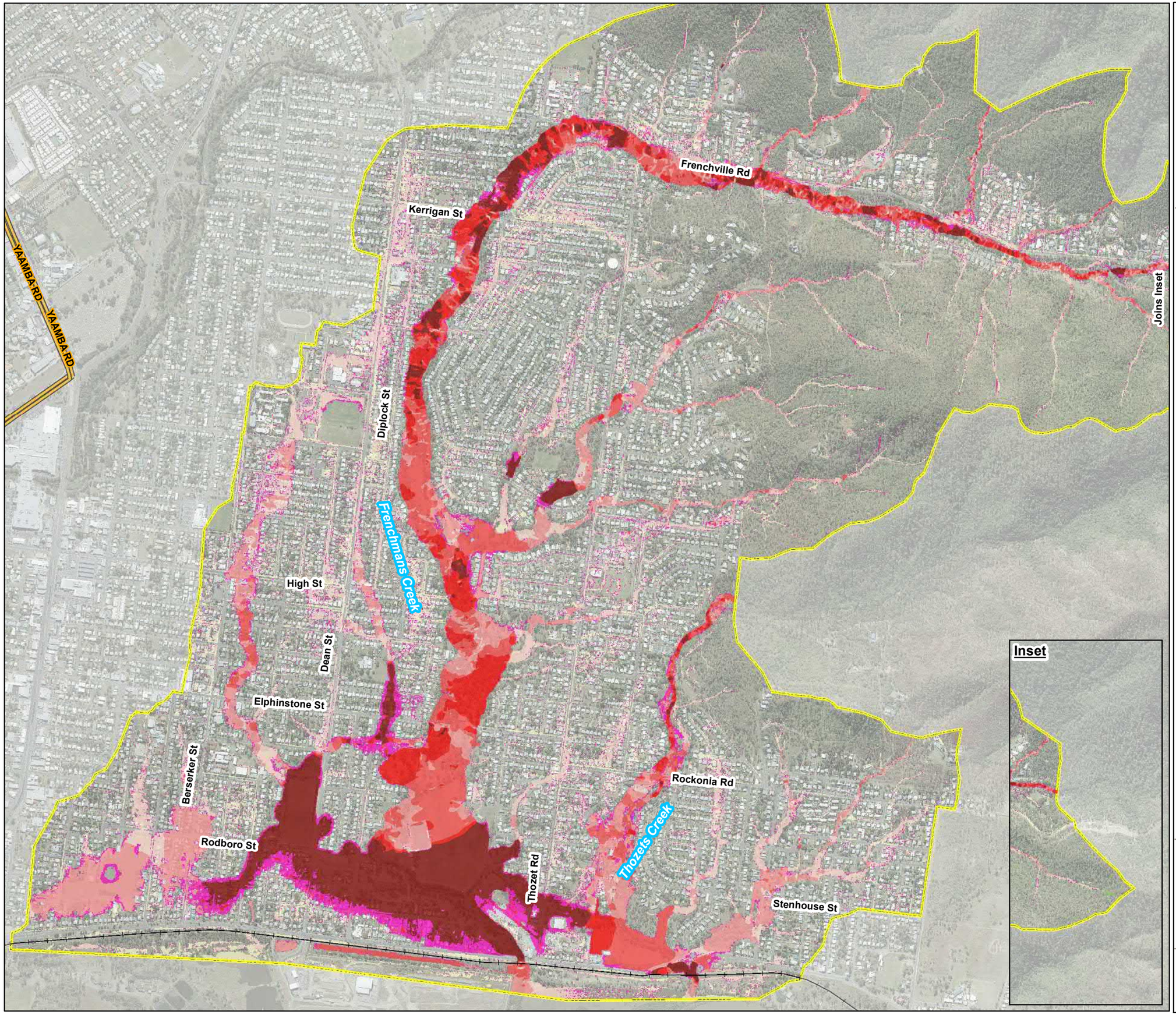
Frenchmans / Thozets Creek Model
Difference in Peak Flood Depths
15% Decreased Roughness minus Baseline

1% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-63

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-63_S2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

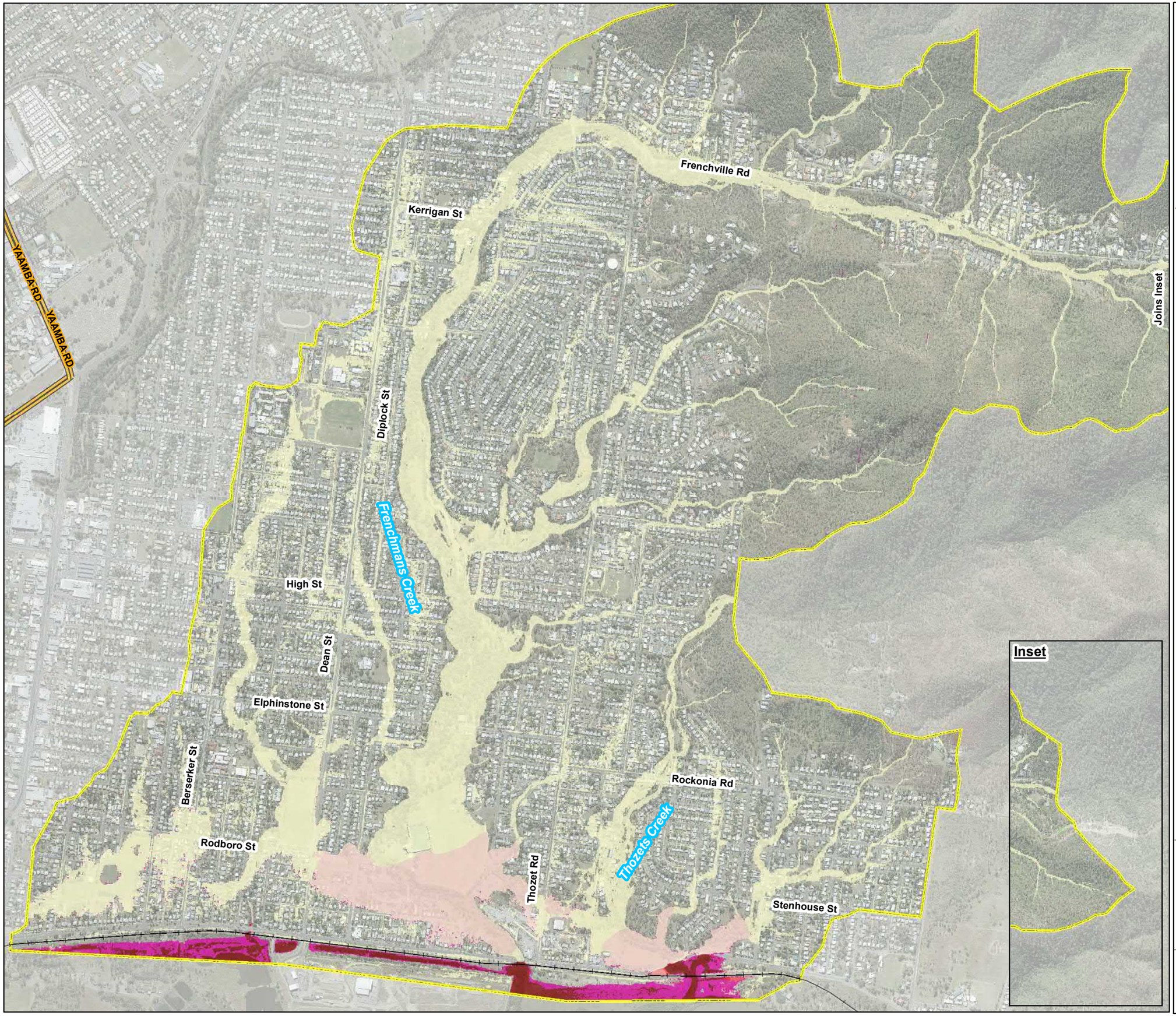
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths Climate Change to 2100 minus Baseline

1% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-64

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-64_S3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

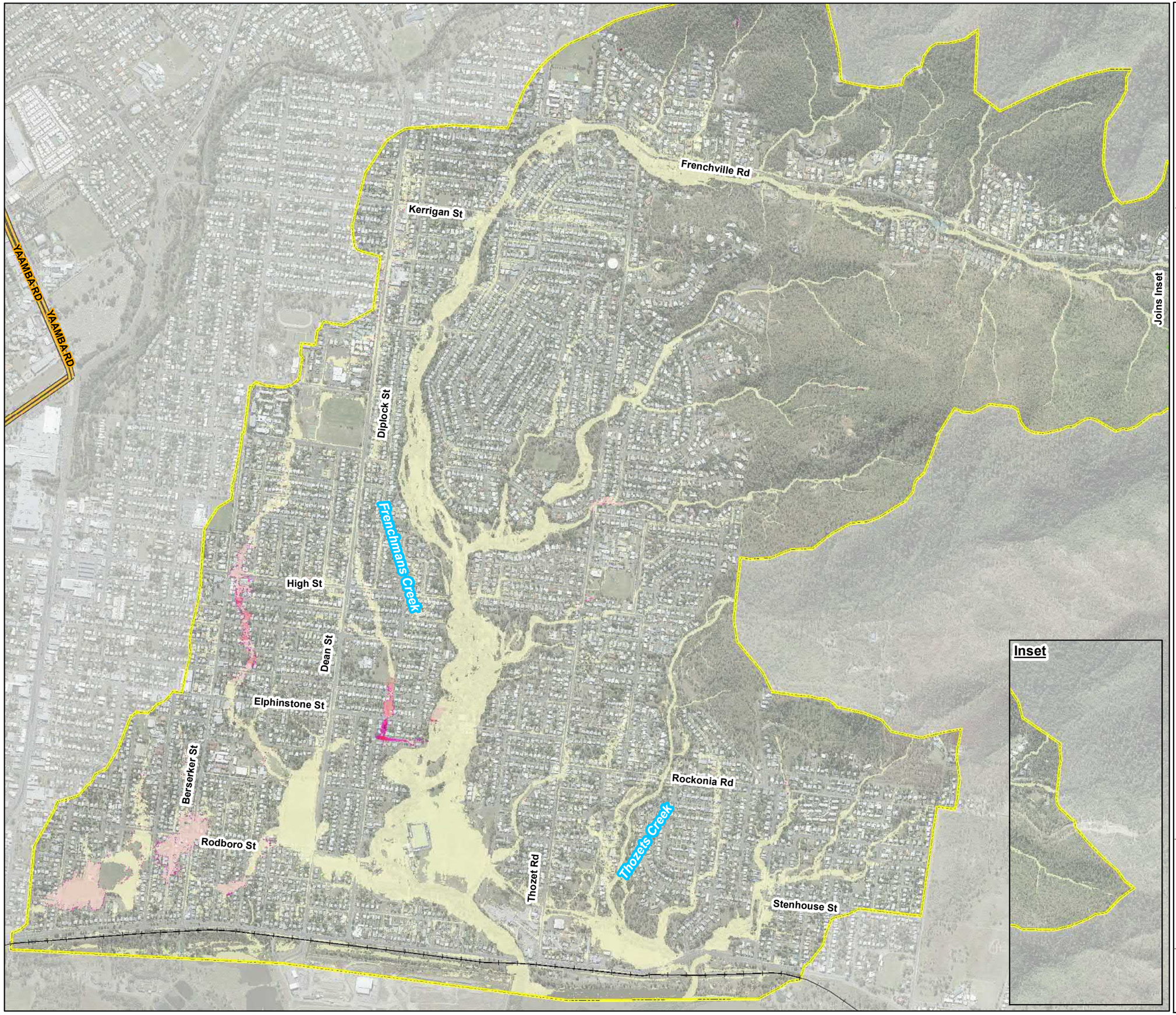
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths 18% AEP Fitzroy River Tailwater Level minus Baseline

1% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-65

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-65_S7.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

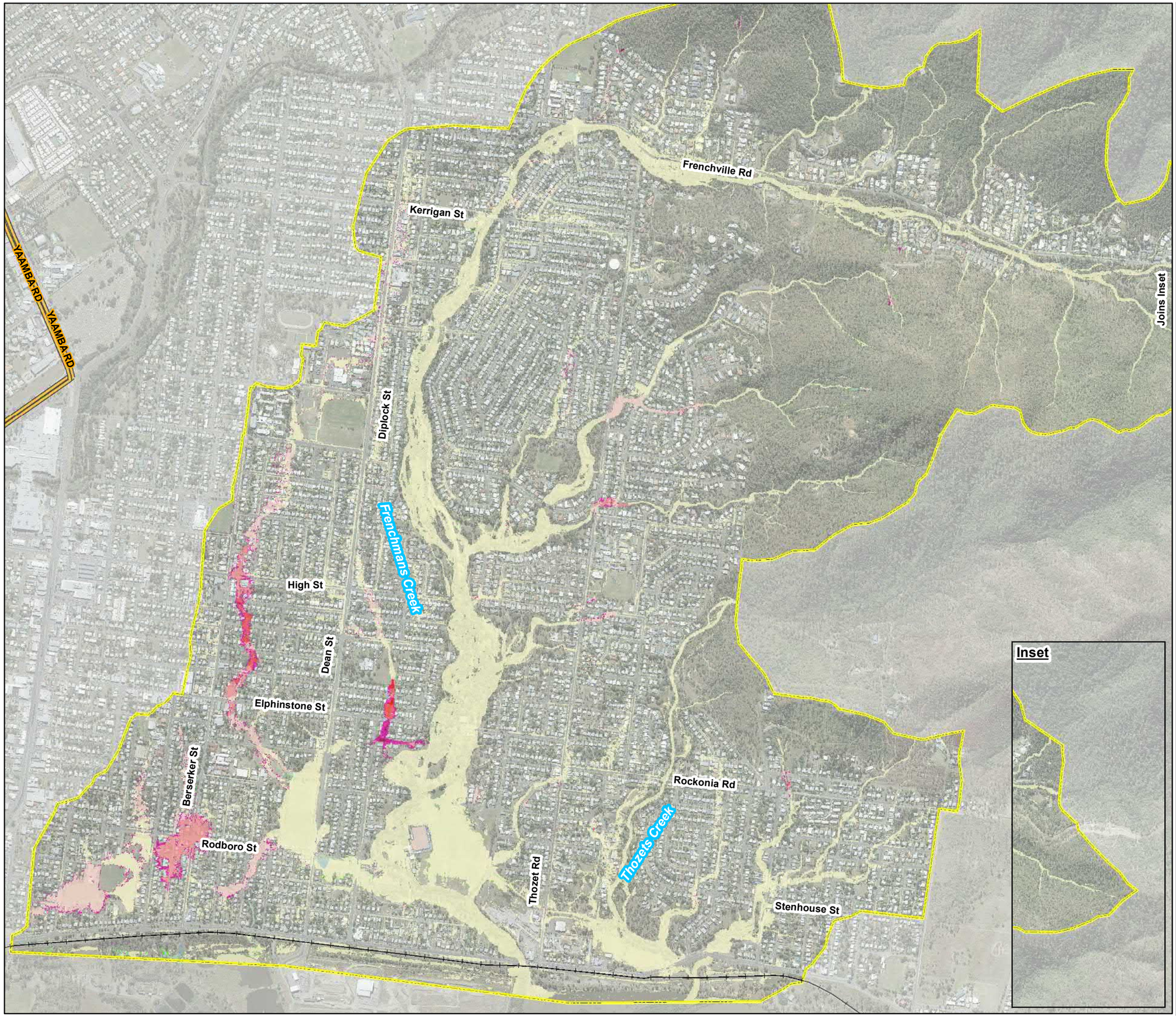
Frenchmans / Thozets Creek Model
Difference in Peak Flood Depths
20% Stormwater Infrastructure Blockage minus Baseline

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-66

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-66_S4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

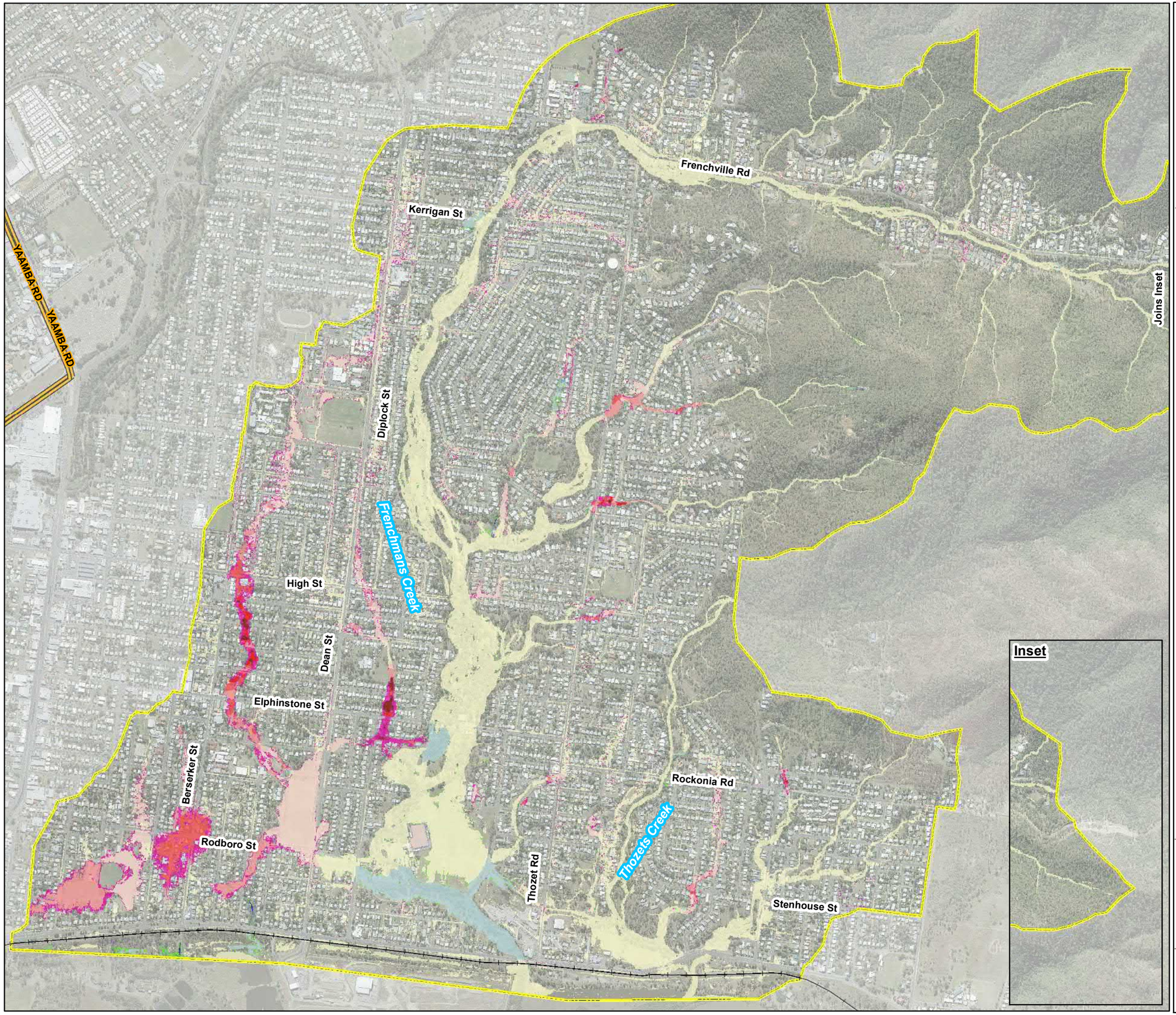
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths 50% Stormwater Infrastructure Blockage minus Baseline

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-67

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-67_S5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

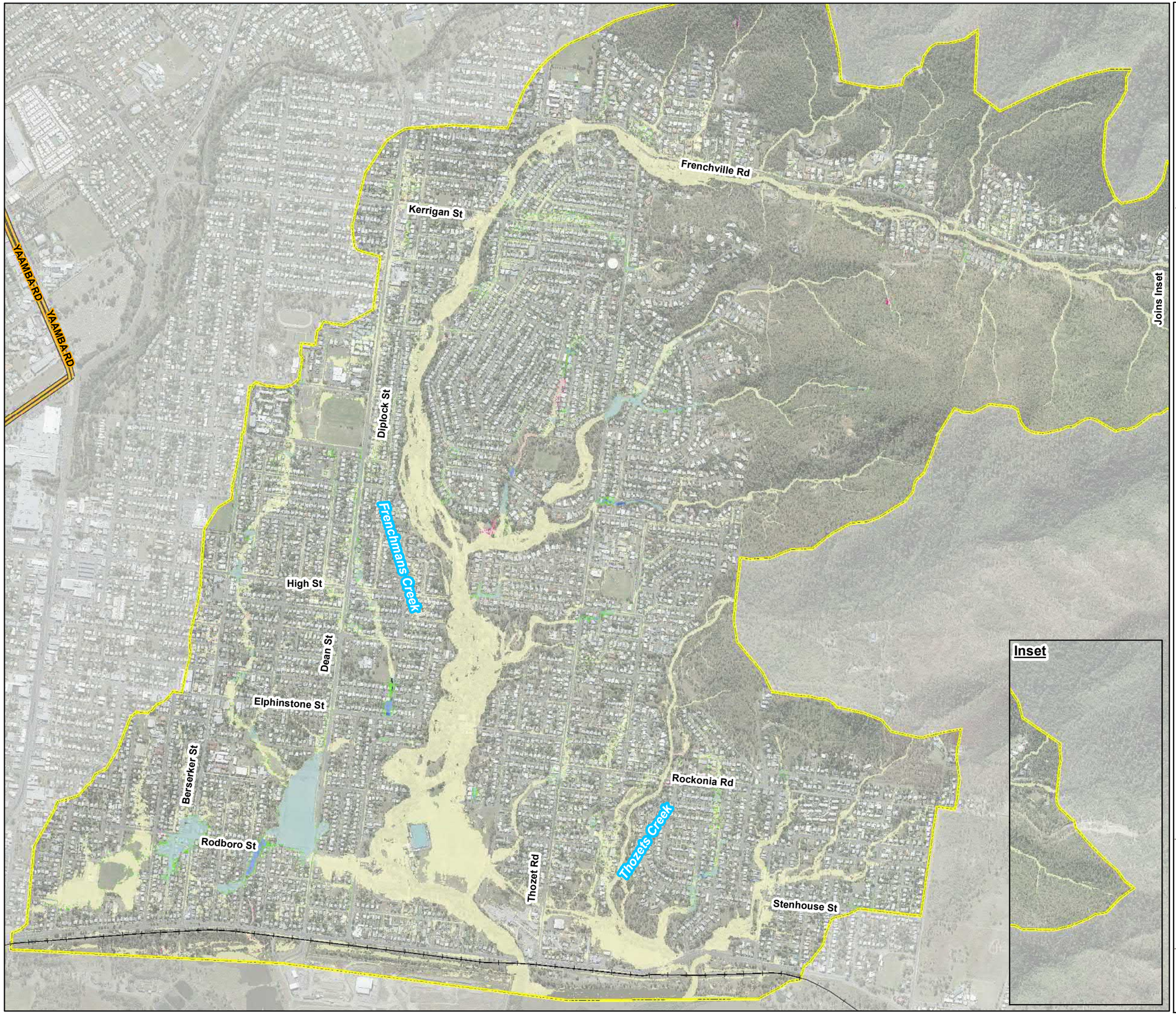
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths 100% Stormwater Infrastructure Blockage minus Baseline

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-68

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-68_S6.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

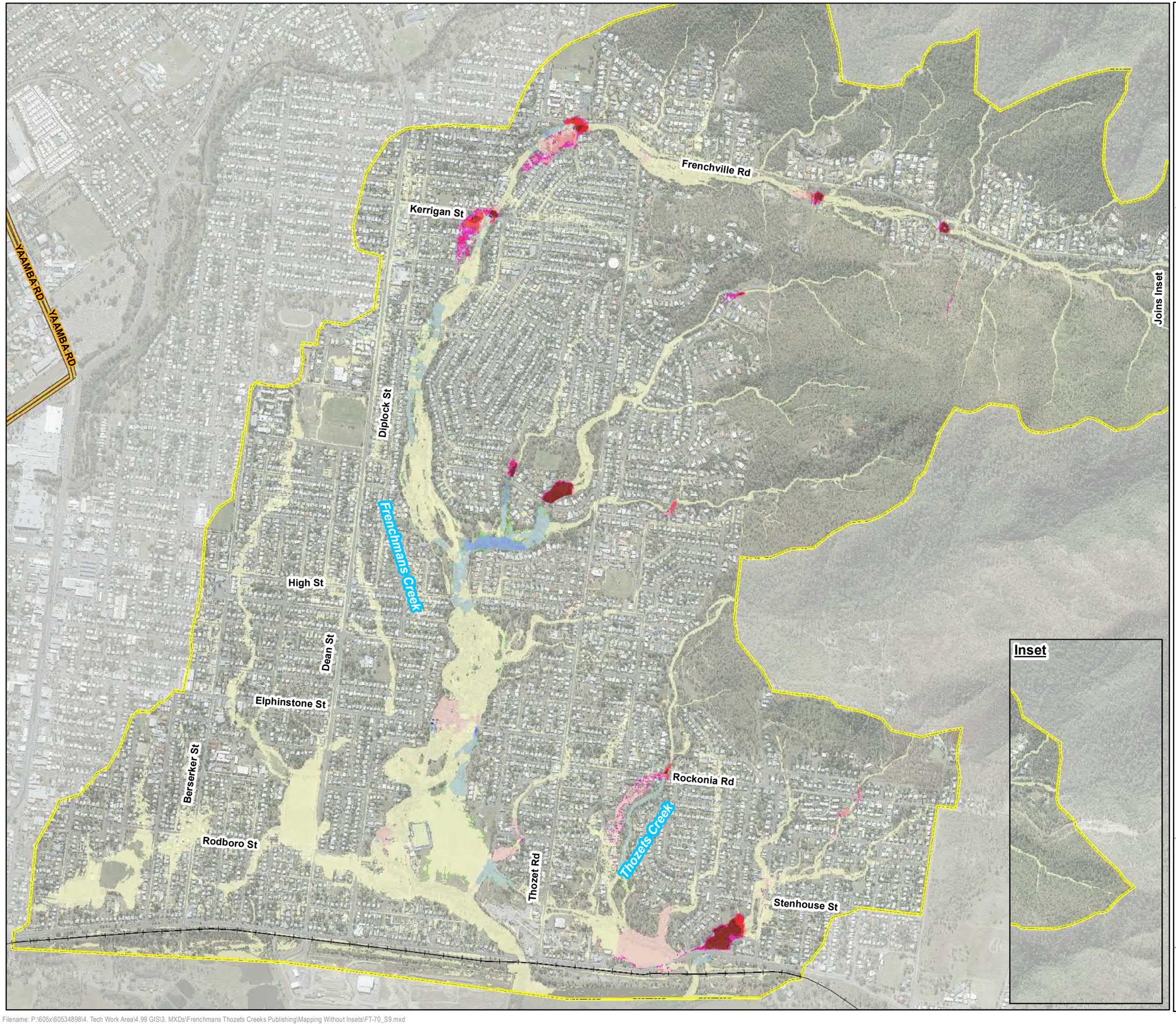
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths Increased Inlet Structure Dimensions minus Baseline

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-69

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-69_S8.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Peak Flood Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet*
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

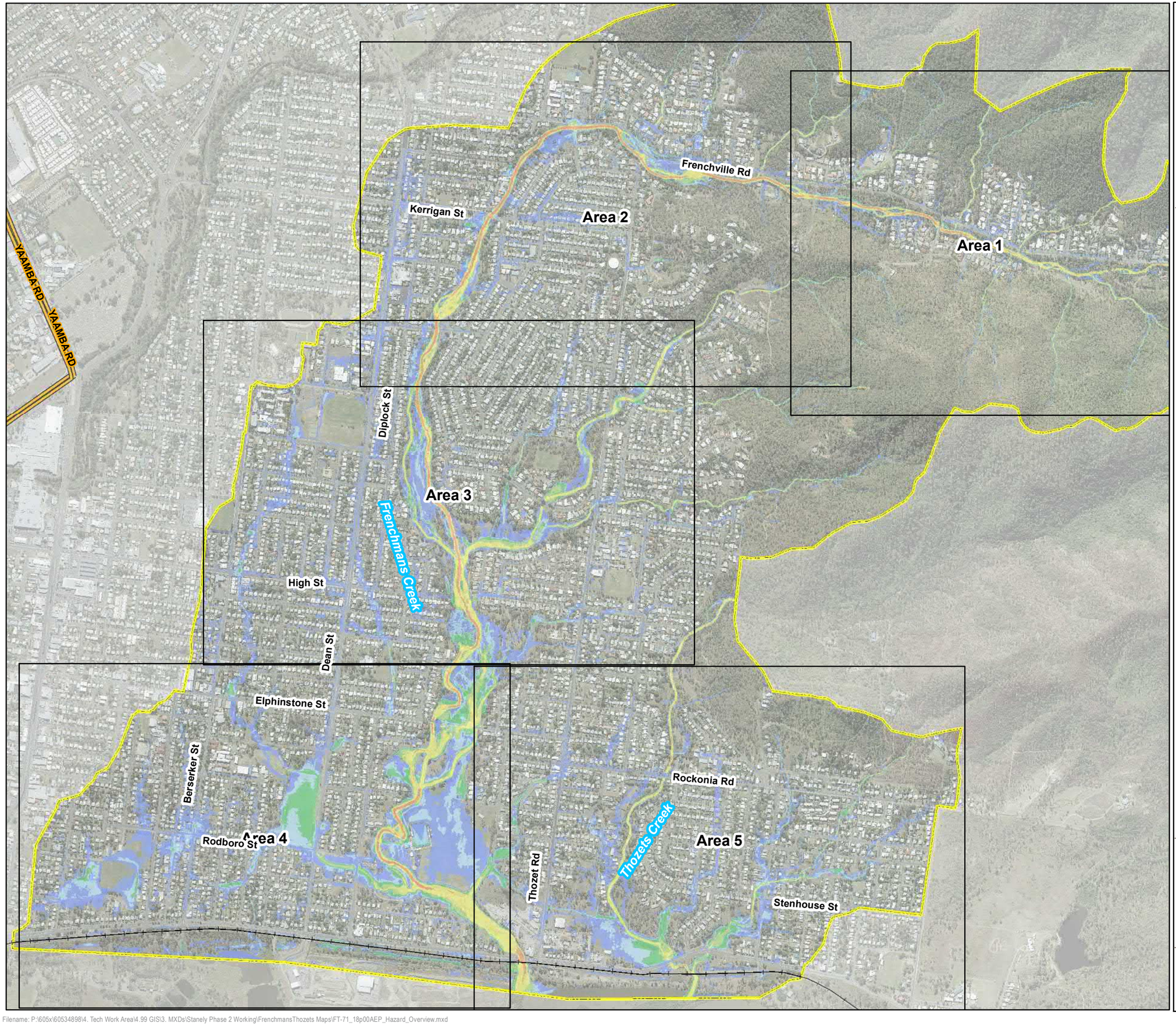
Frenchmans / Thozets Creek Model Difference in Peak Flood Depths Key Cross Drainage Culvert Blockage minus Baseline

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/07/2017
VERSION:	1

Map FT-70

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-70_S9.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

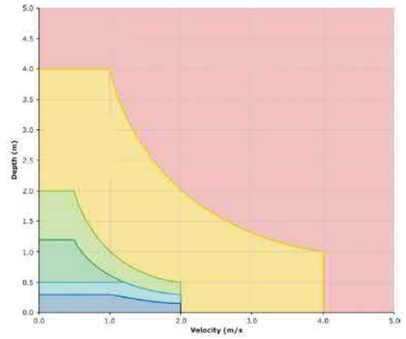
1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class	Description
H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
H4	Unsafe for all people and all vehicles.
H3	Unsafe for all vehicles, children and the elderly.
H2	Unsafe for small vehicles.
H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Flood Hazard - Catchment Overview

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-71

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-71_18p00AEP_Hazard_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

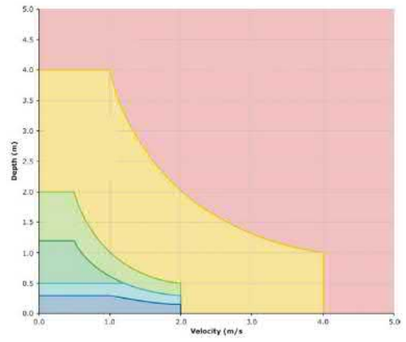
1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 1

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-72

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-72_18p00AEP_Hazard_Area1.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

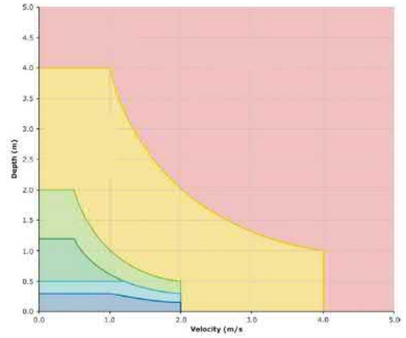
1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

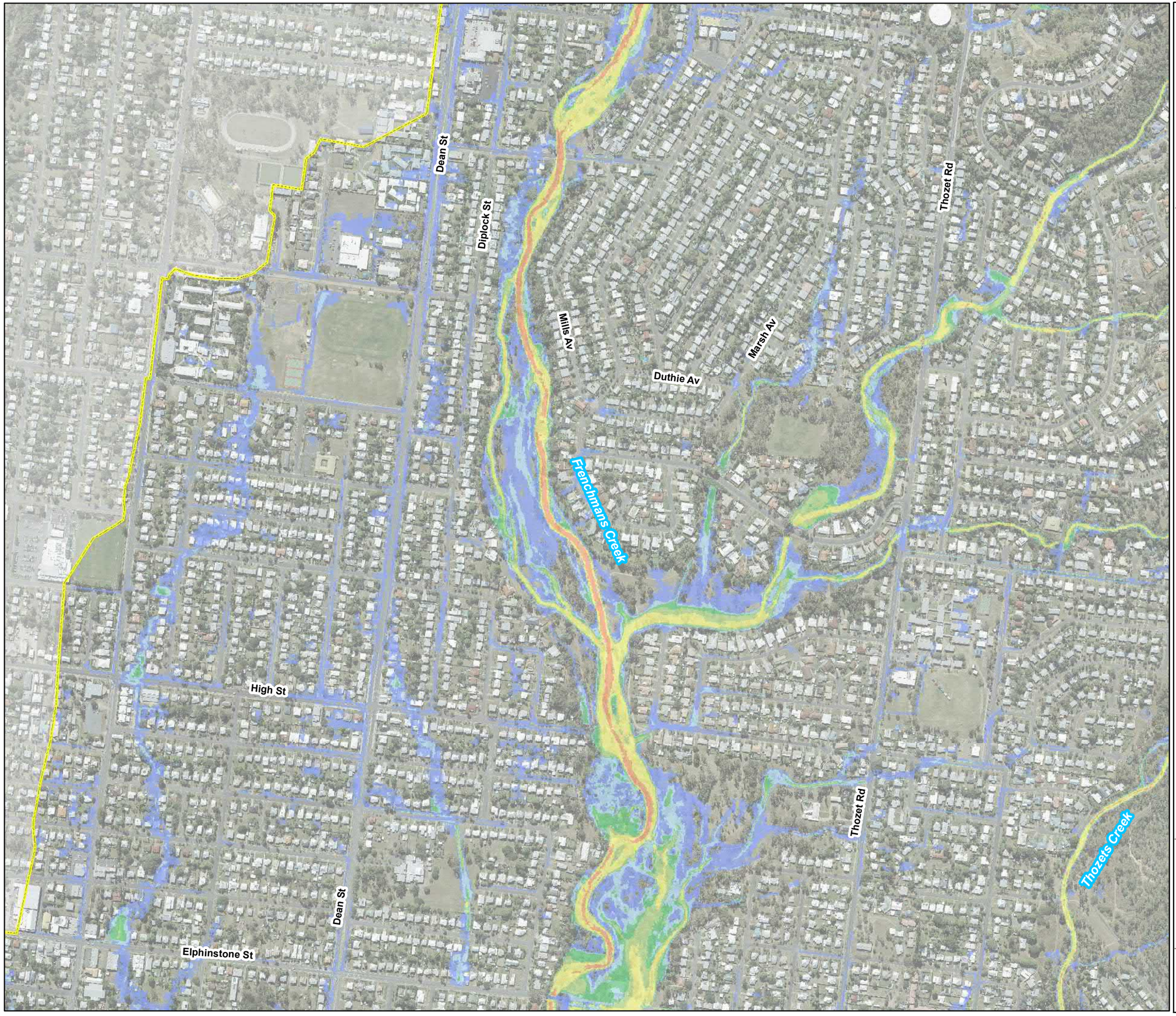
Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 2

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-73

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-73_18p00AEP_Hazard_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

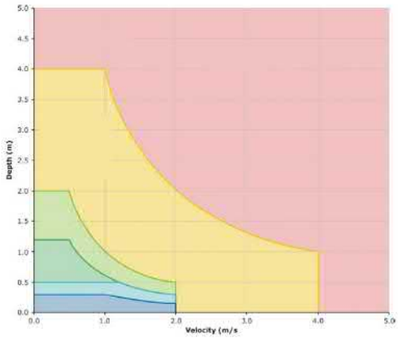
1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

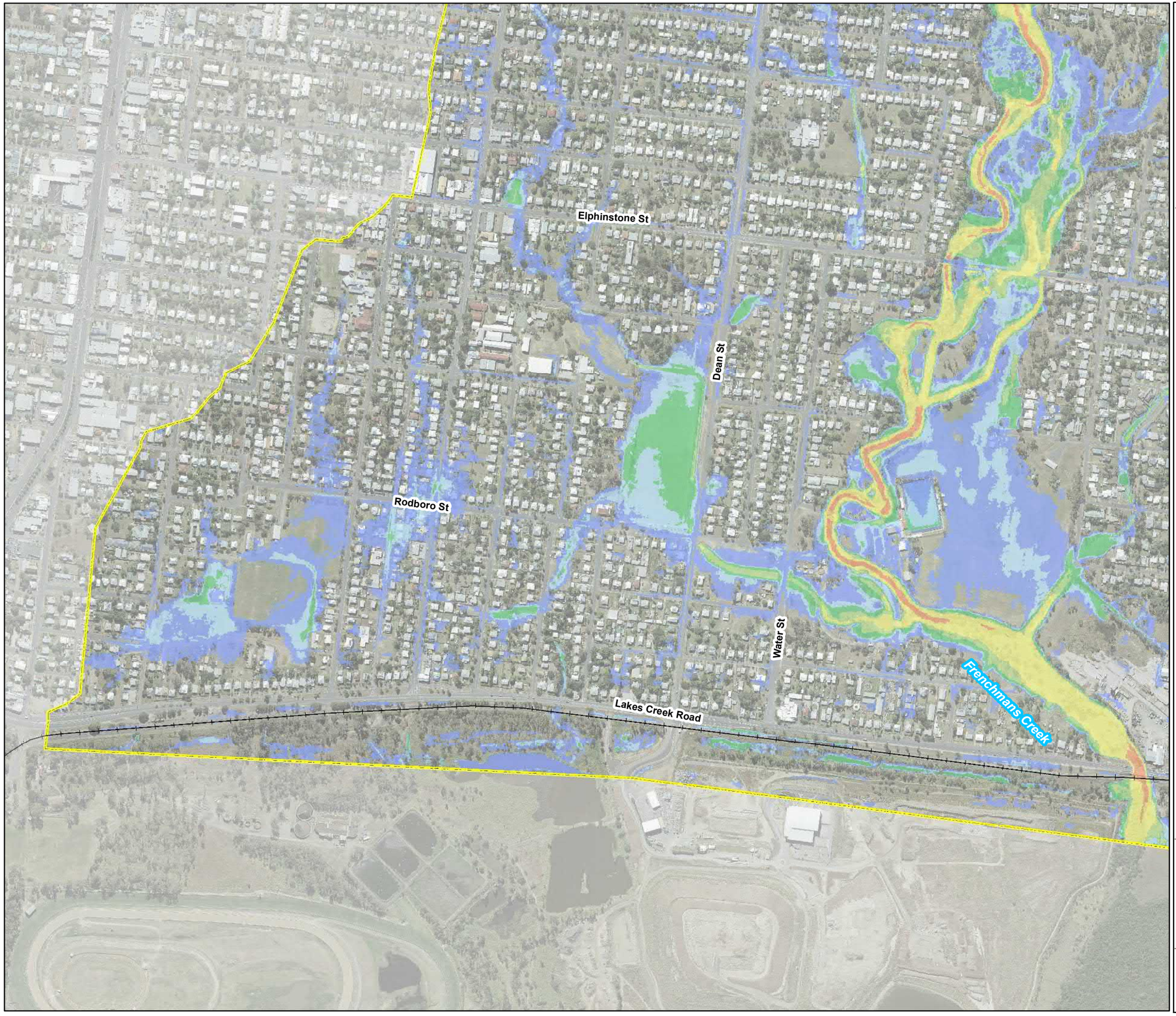
Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 3

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-74

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-74_18p00AEP_Hazard_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

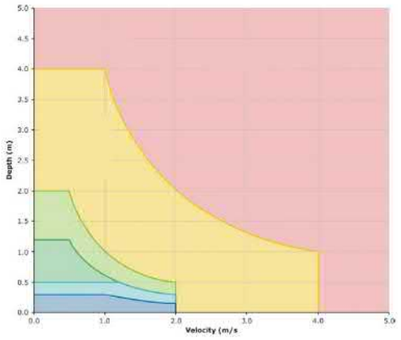
1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class	Description
H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
H4	Unsafe for all people and all vehicles.
H3	Unsafe for all vehicles, children and the elderly.
H2	Unsafe for small vehicles.
H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

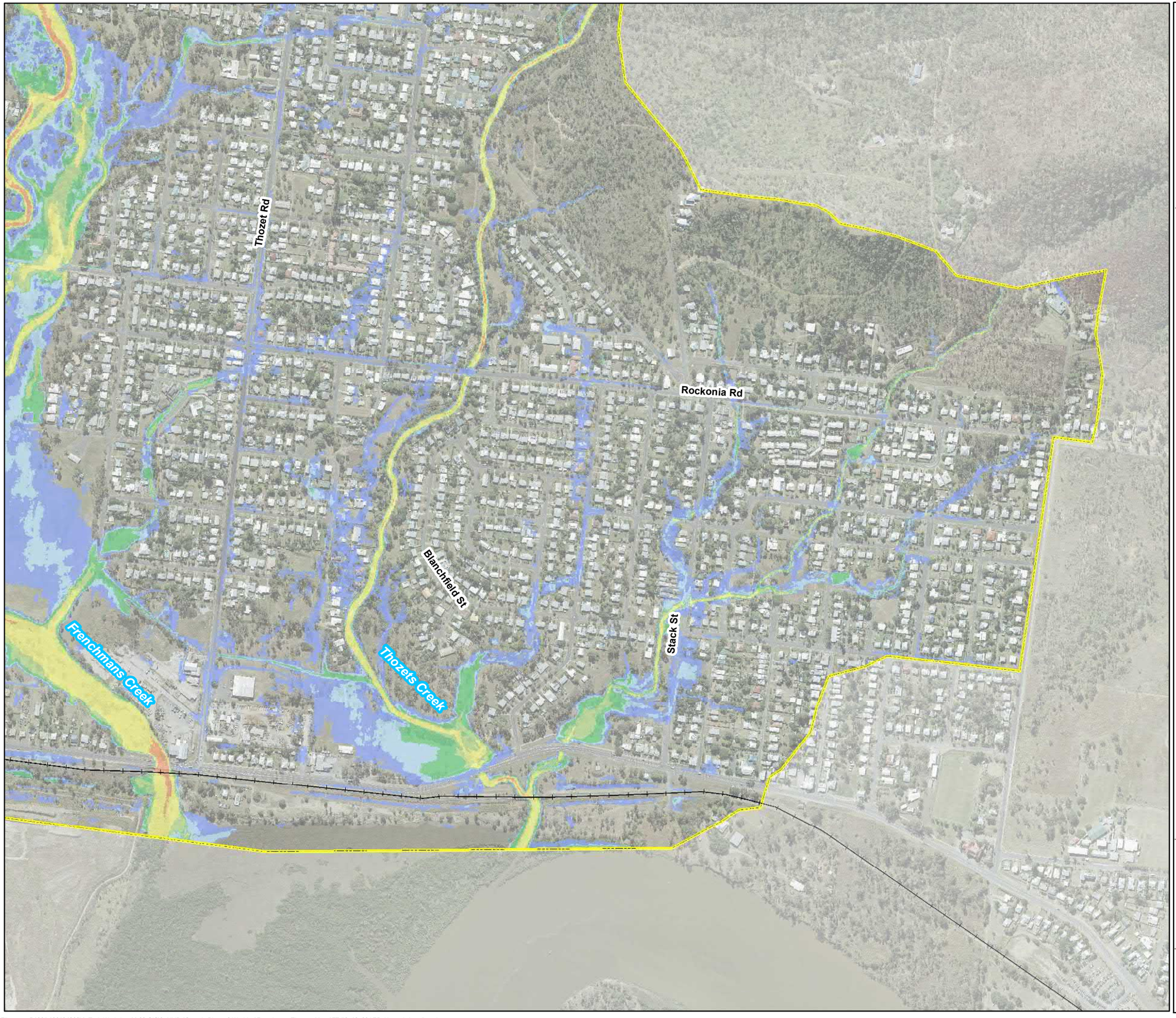
Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 4

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-75

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-75_18p00AEP_Hazard_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

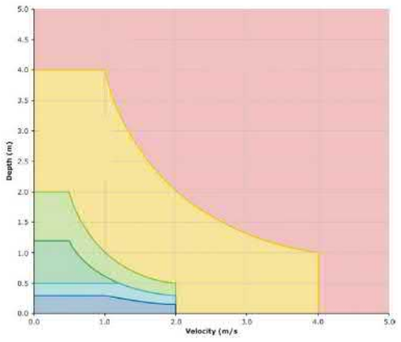
1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

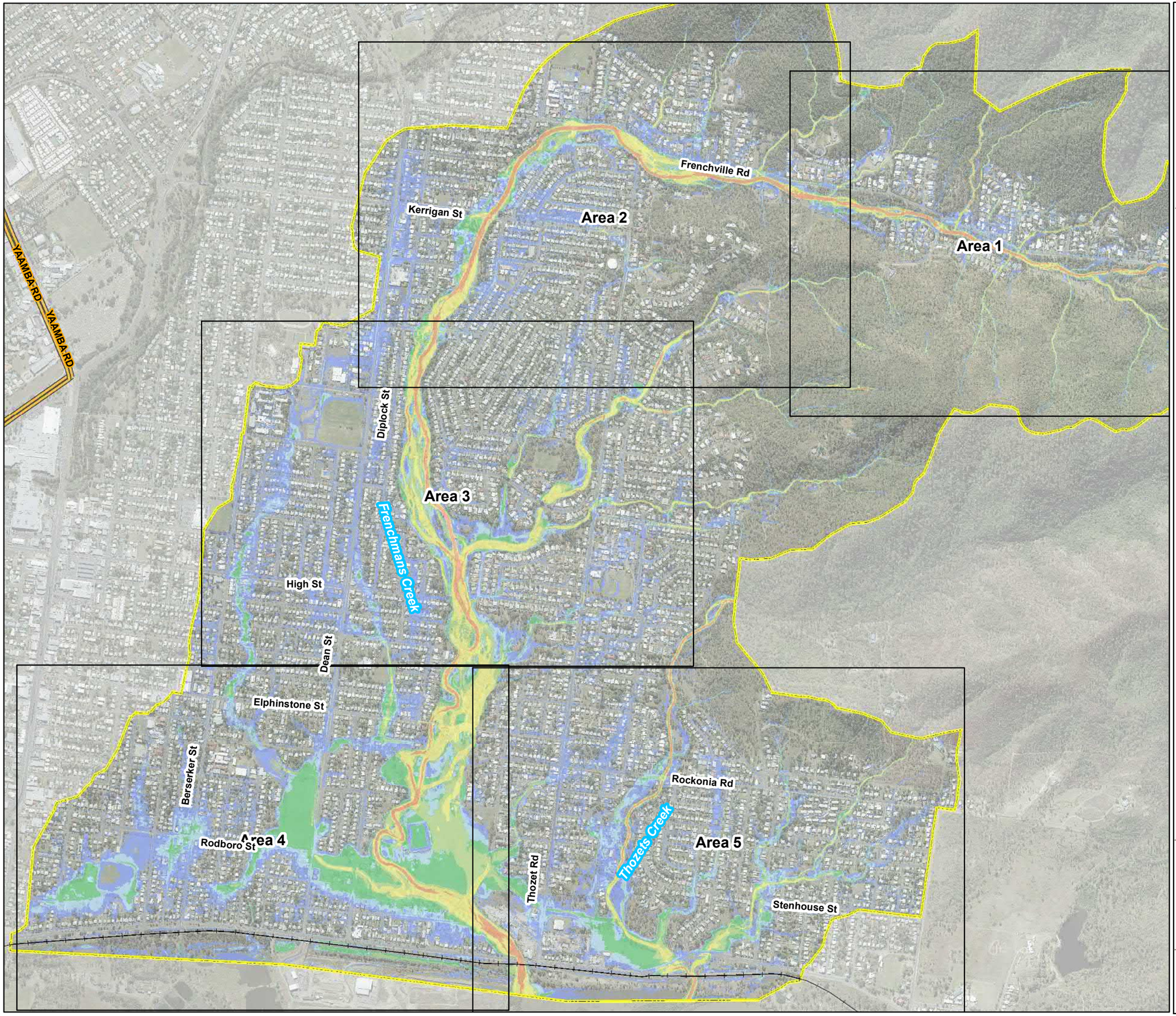
Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 5

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-76

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-76_18p00AEP_Hazard_Area5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

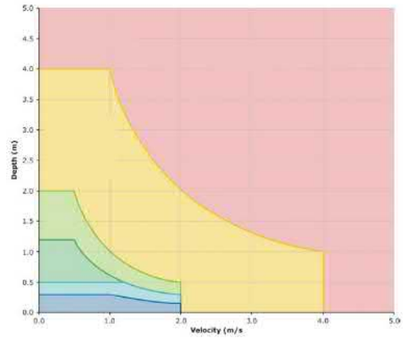
1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Flood Hazard - Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-77

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-77_1p00AEP_Hazard_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

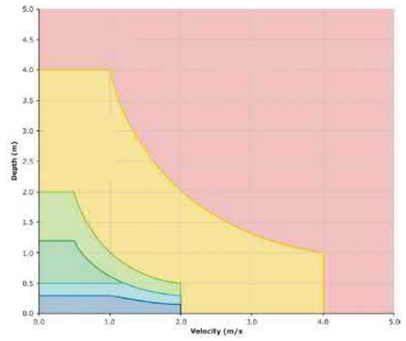
1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-78

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-78_1p00AEP_Hazard_Area1.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

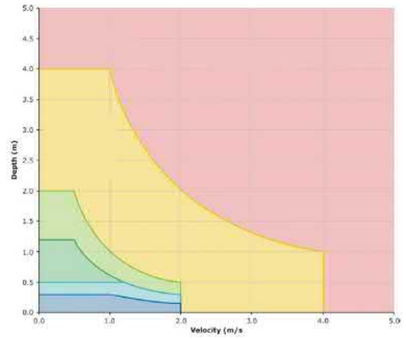
1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

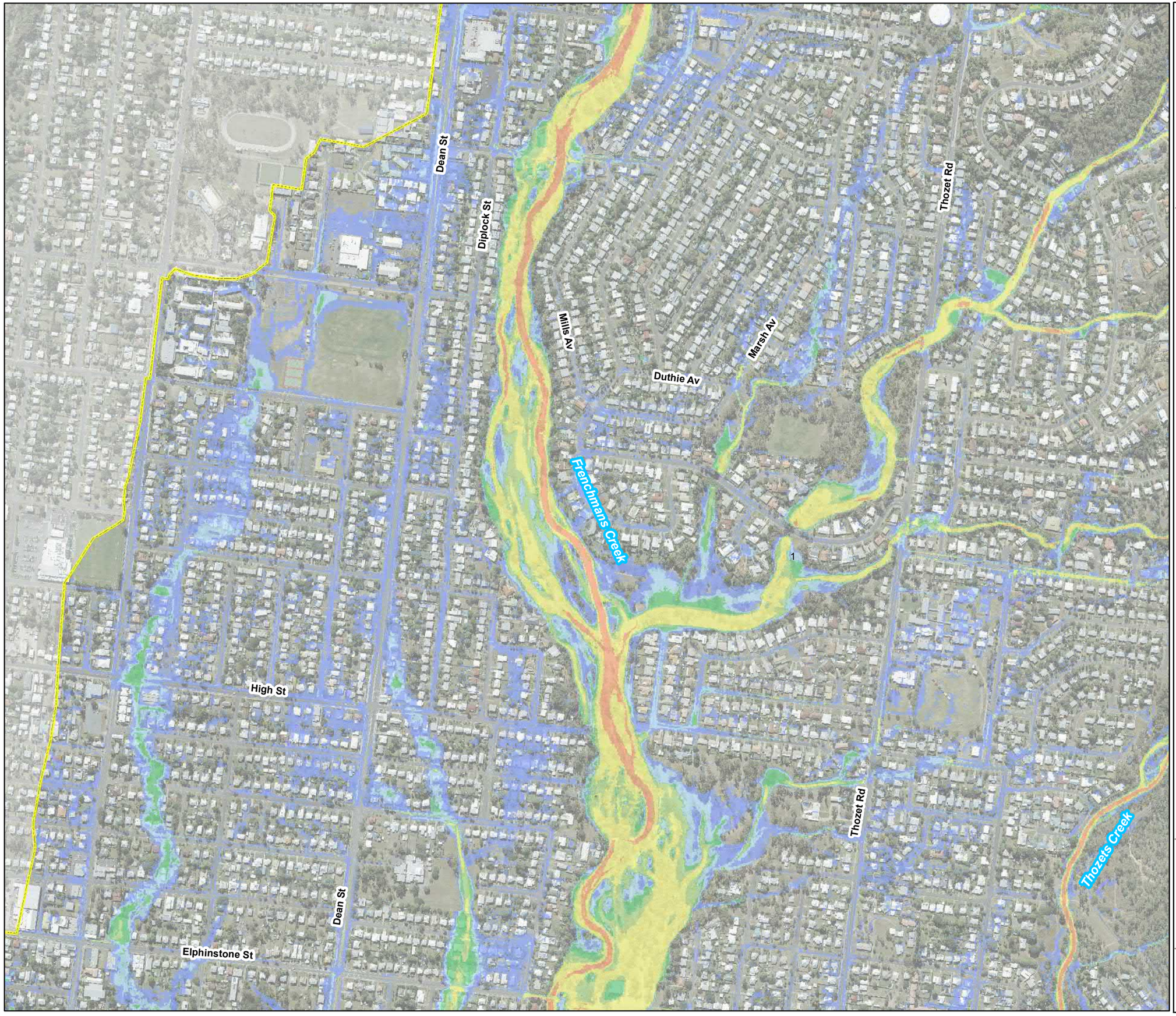
Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-79

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-79_1p00AEP_Hazard_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

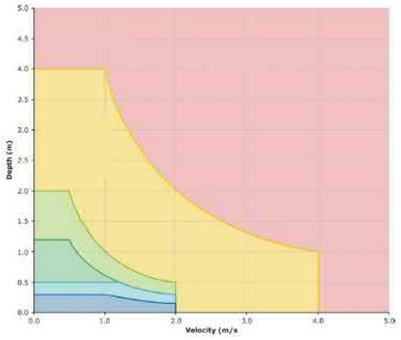
1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

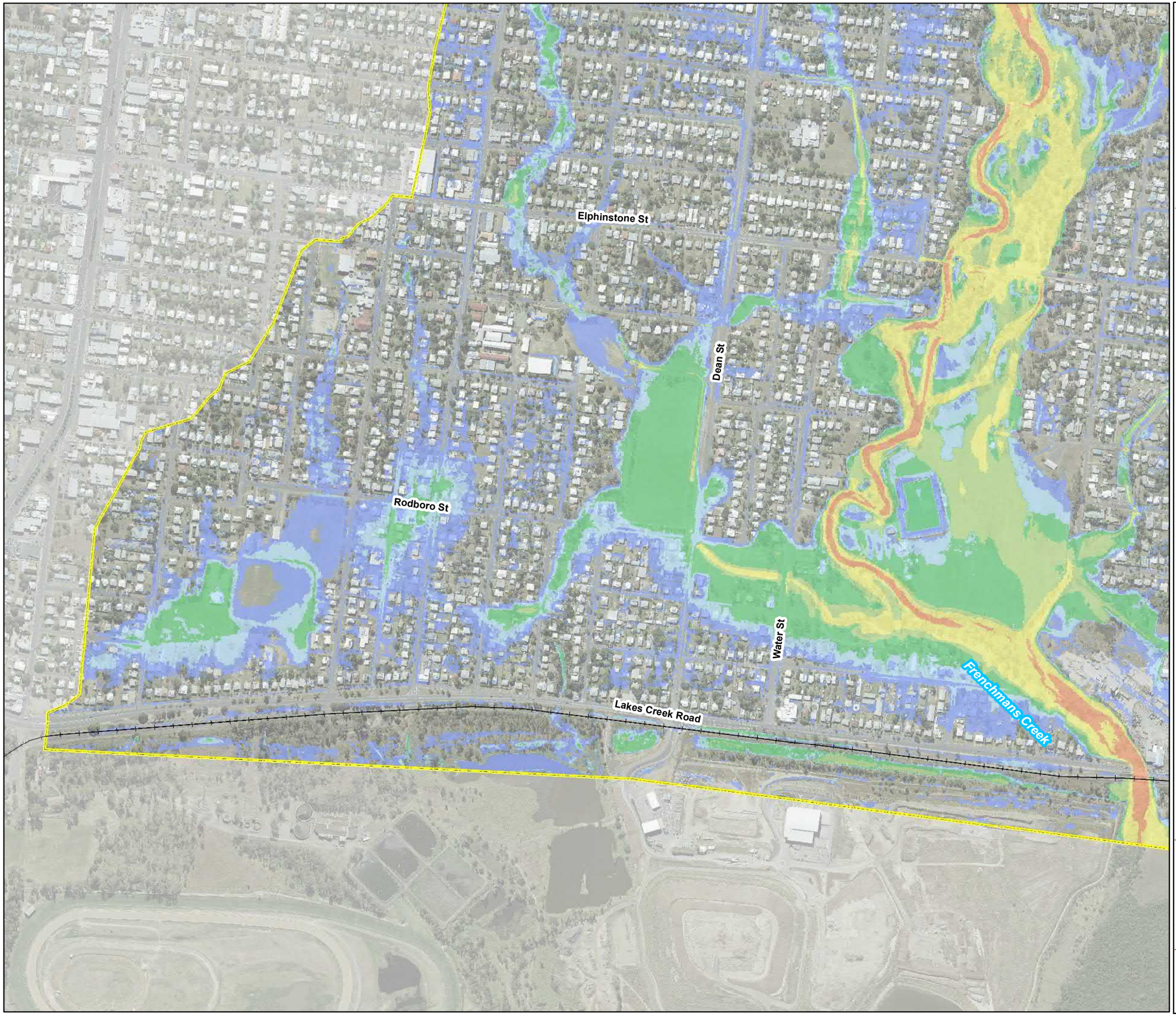
Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-80

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-80_1p00AEP_Hazard_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

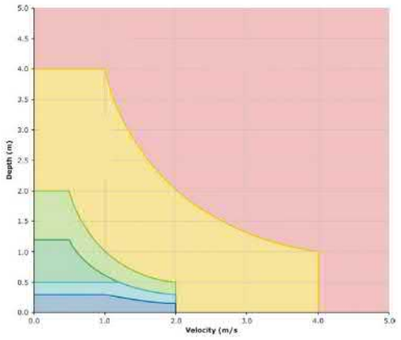
1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class	Description
H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
H4	Unsafe for all people and all vehicles.
H3	Unsafe for all vehicles, children and the elderly.
H2	Unsafe for small vehicles.
H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-81

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working\FrenchmansThozets Maps\FT-81_1p00AEP_Hazard_Area4.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

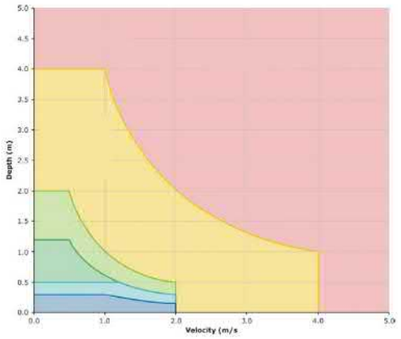
1:7,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Flood Hazard



Hazard Class	Description
H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
H4	Unsafe for all people and all vehicles.
H3	Unsafe for all vehicles, children and the elderly.
H2	Unsafe for small vehicles.
H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

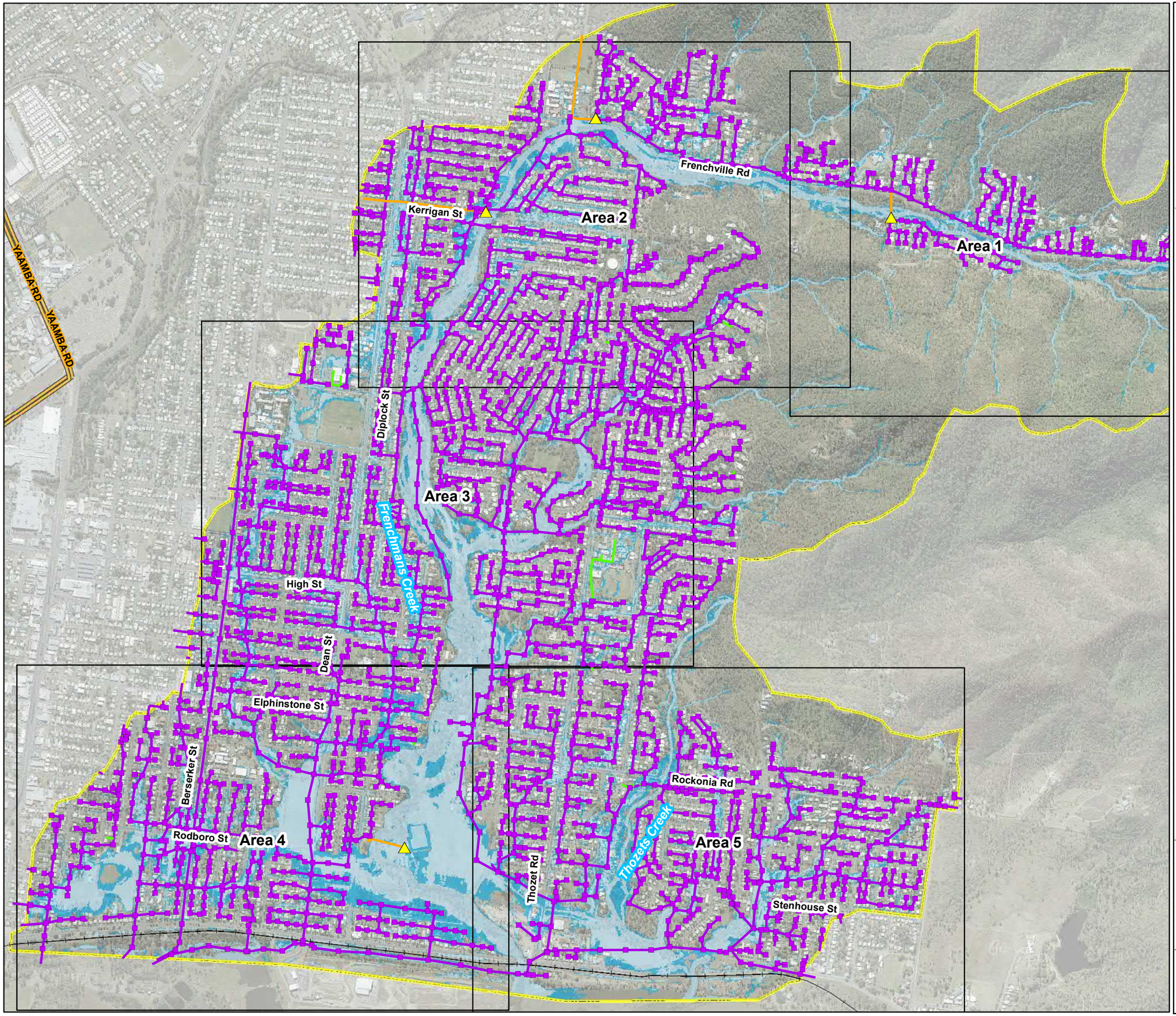
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Creek Model Baseline Flood Hazard - Area 5

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-82



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 150 300 450 600 750

Metres

1:15,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

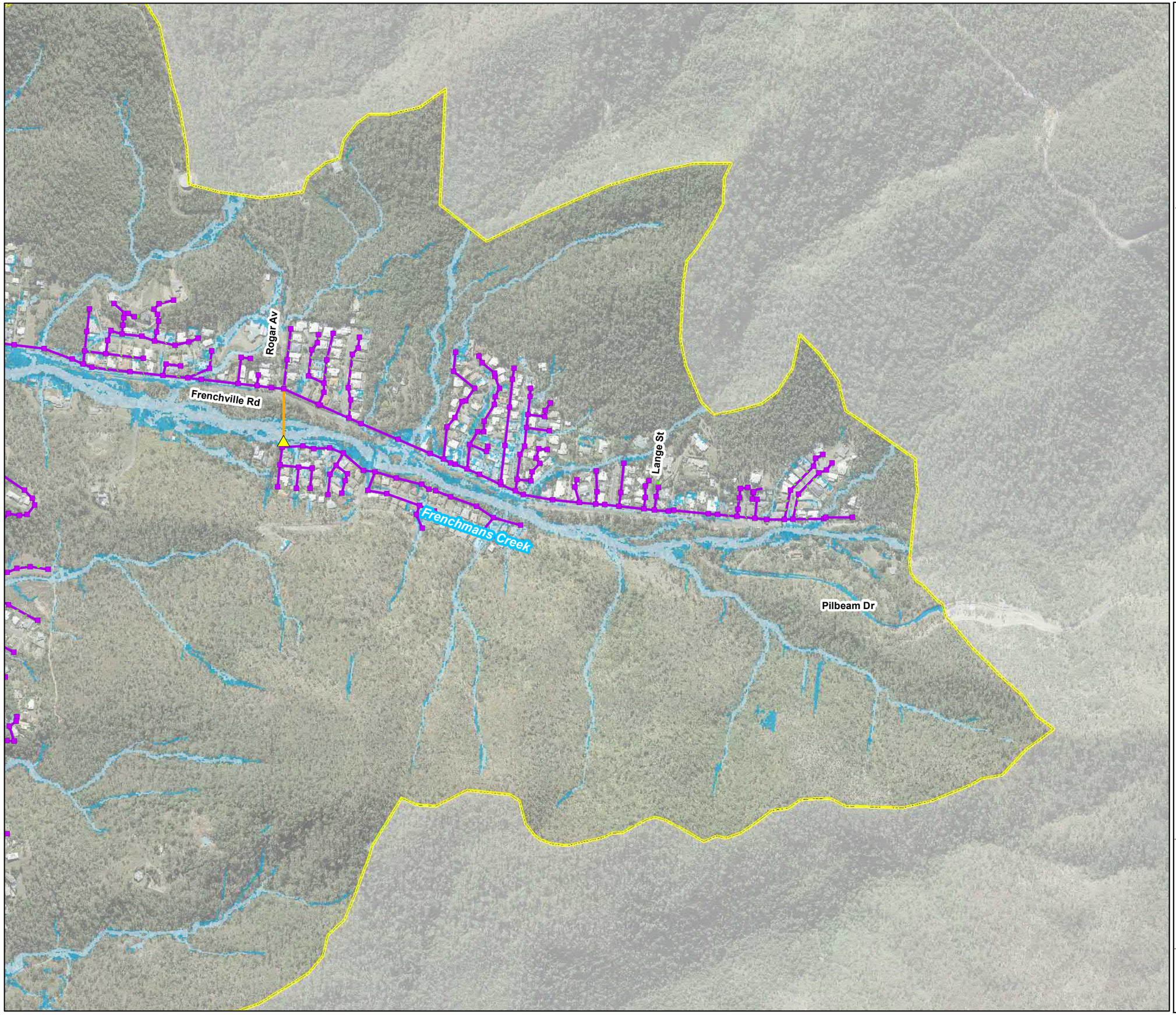
75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Model Sewerage Infrastructure - Catchment Overview

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-83

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-83_18p00AEP_Sewerage_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

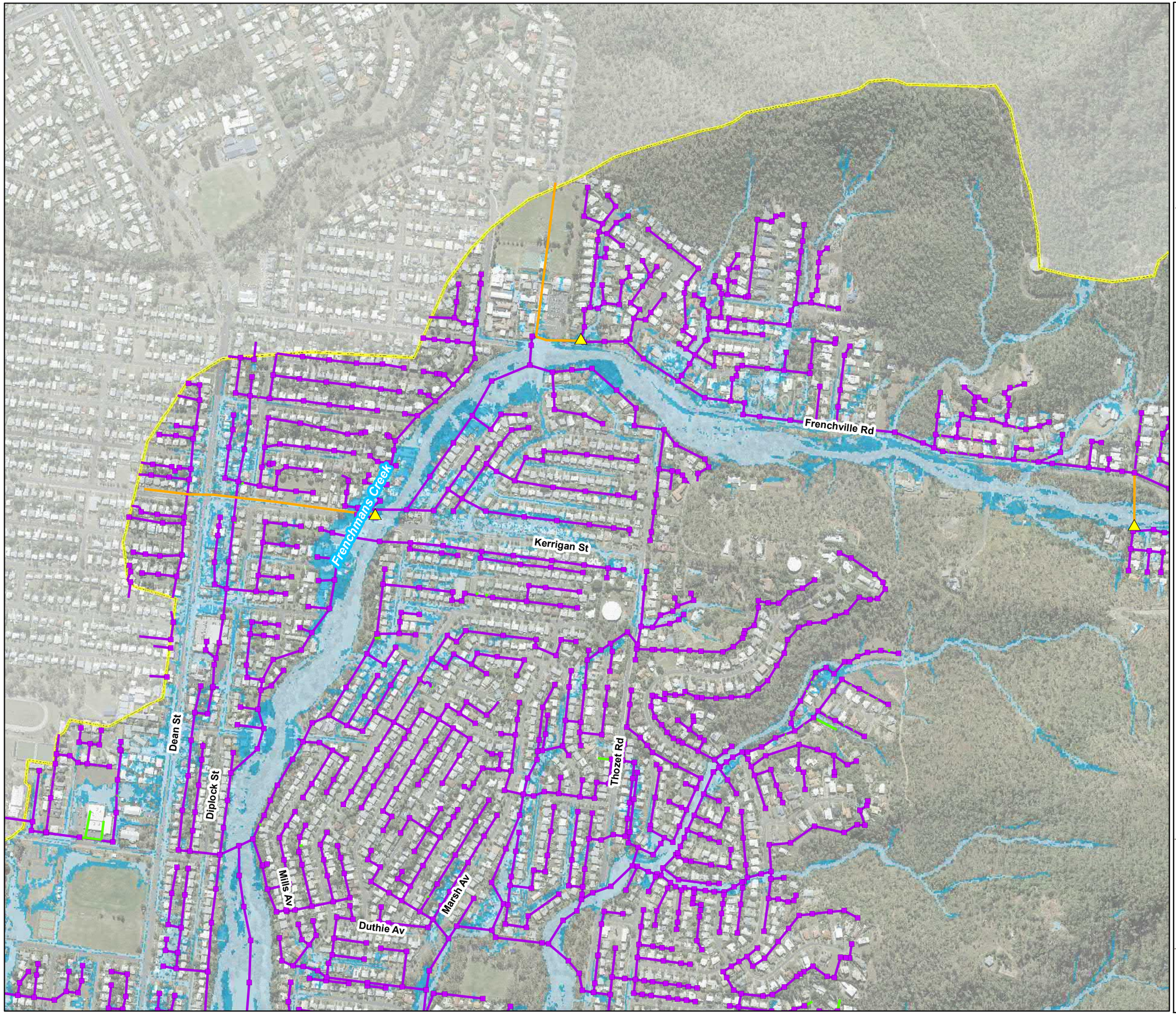
75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Model Sewerage Infrastructure - Area 1

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-84

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-84_18p00AEP_Sewerage_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:8,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

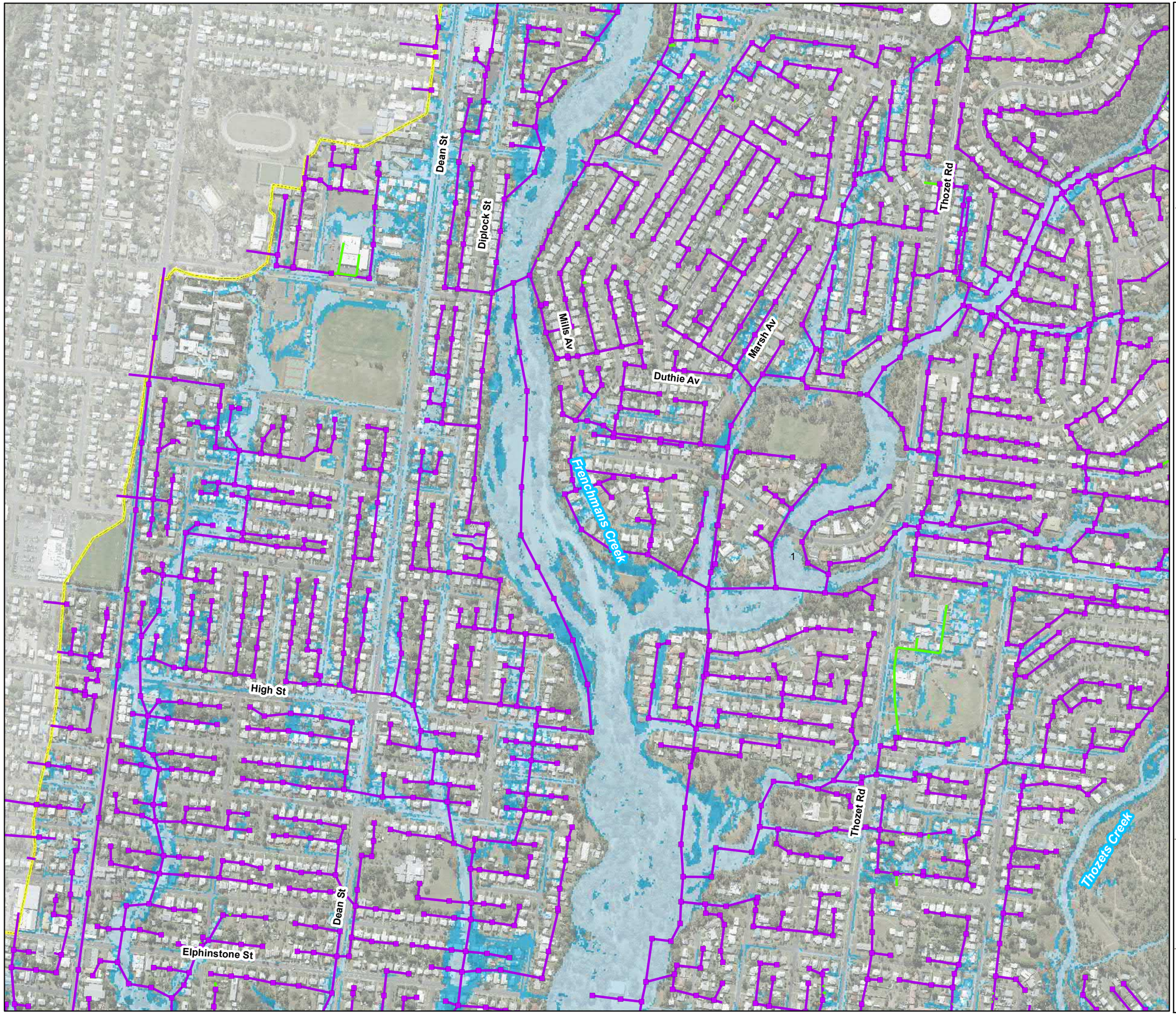
Results Filtering:
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Model Sewerage Infrastructure - Area 2

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-85

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-85_18p00AEP_Sewerage_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

AECOM
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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

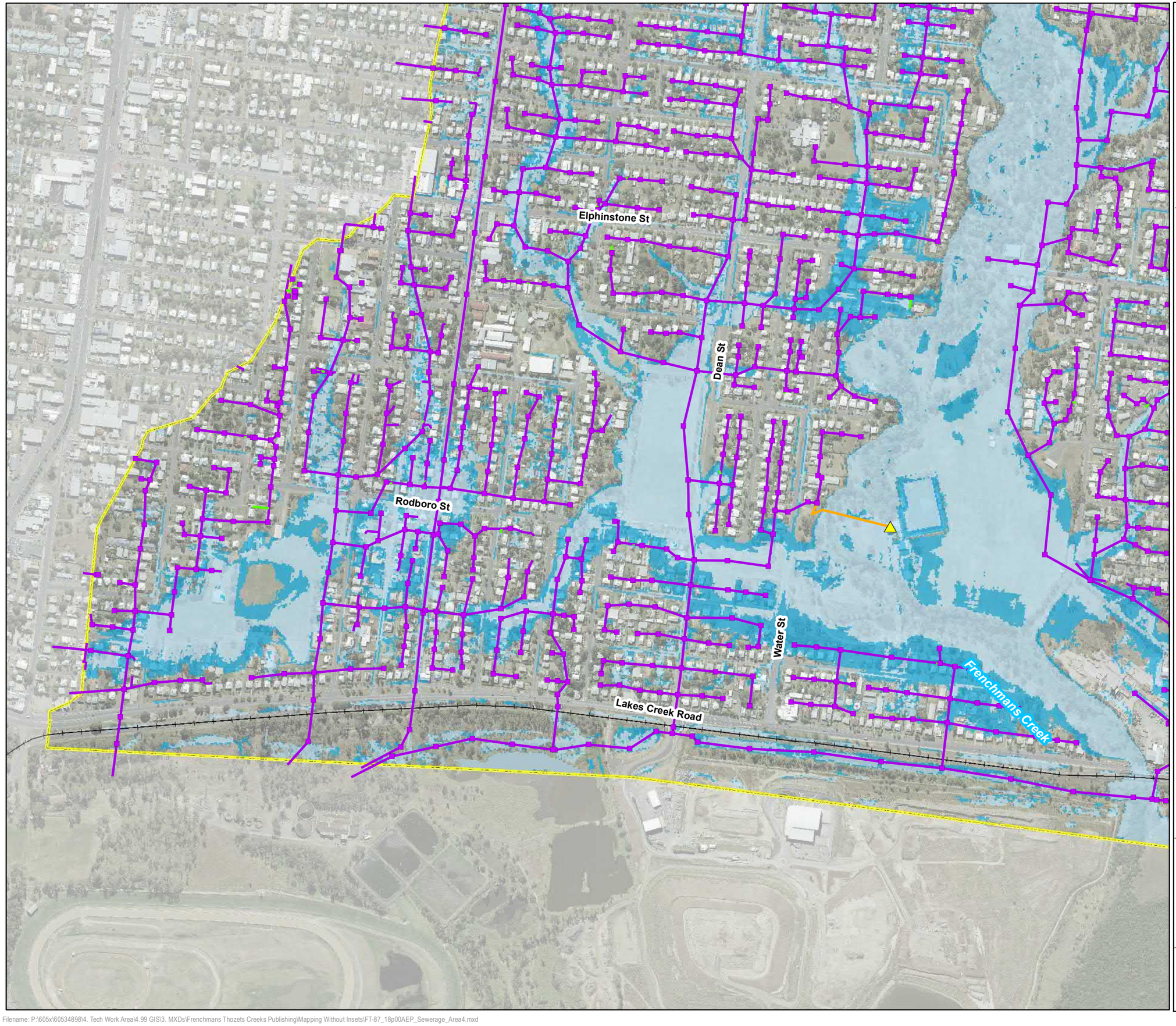
75mm Min. Depth
100m² Min. Area

Frenchmans / Thozets Model Sewerage Infrastructure - Area 3

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-86

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-86_18p00AEP_Sewerage_Area3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

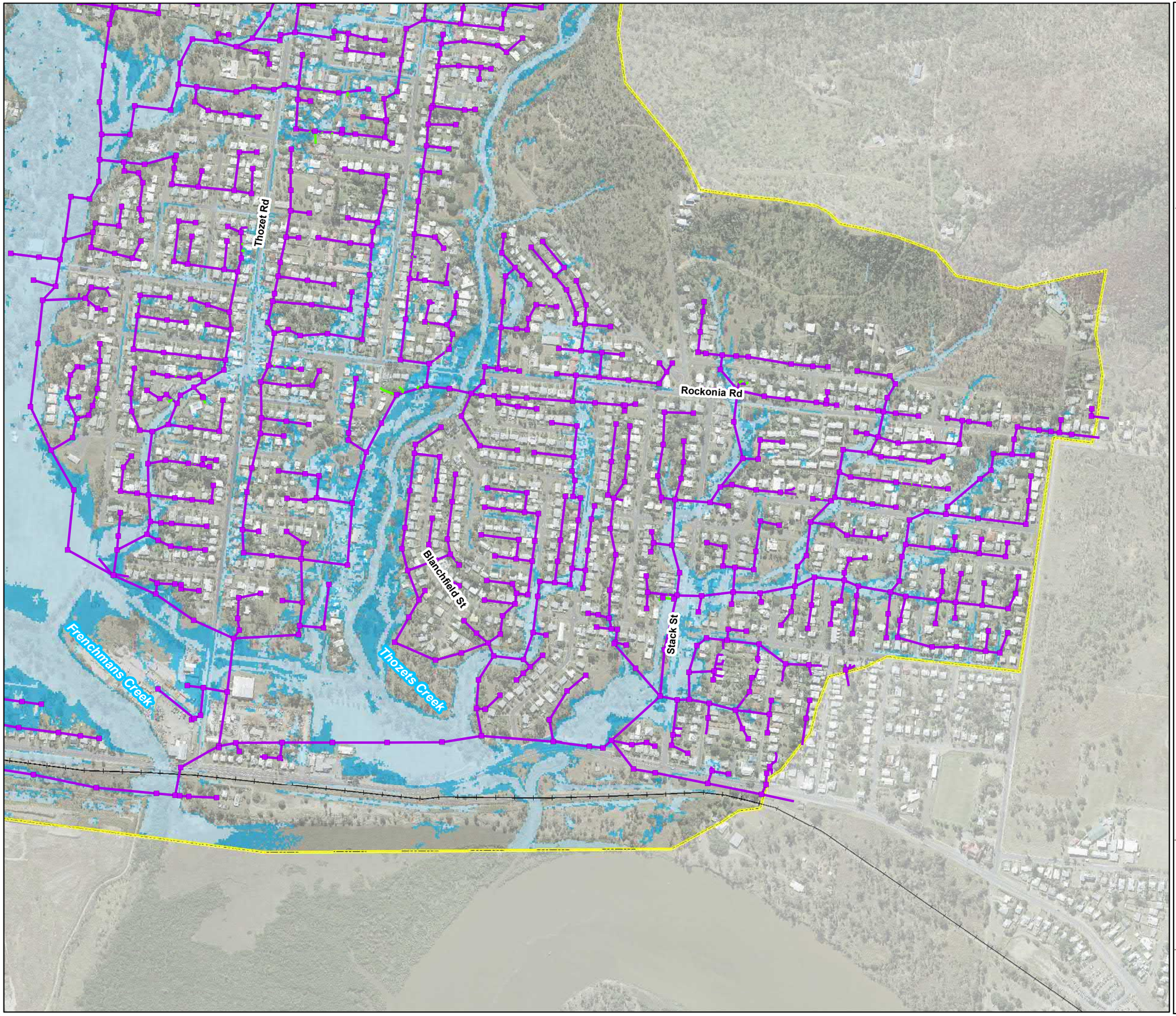
75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Model Sewerage Infrastructure - Area 4

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-87

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-87_18p00AEP_Sewerage_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:7,000
(when printed at A3)

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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Frenchmans / Thozets Model Sewerage Infrastructure - Area 5

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	29/08/2017
VERSION:	1

Map FT-88

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Frenchmans Thozets Creeks Publishing\Mapping Without Insets\FT-88_18p00AEP_Sewerage_Area5.mxd