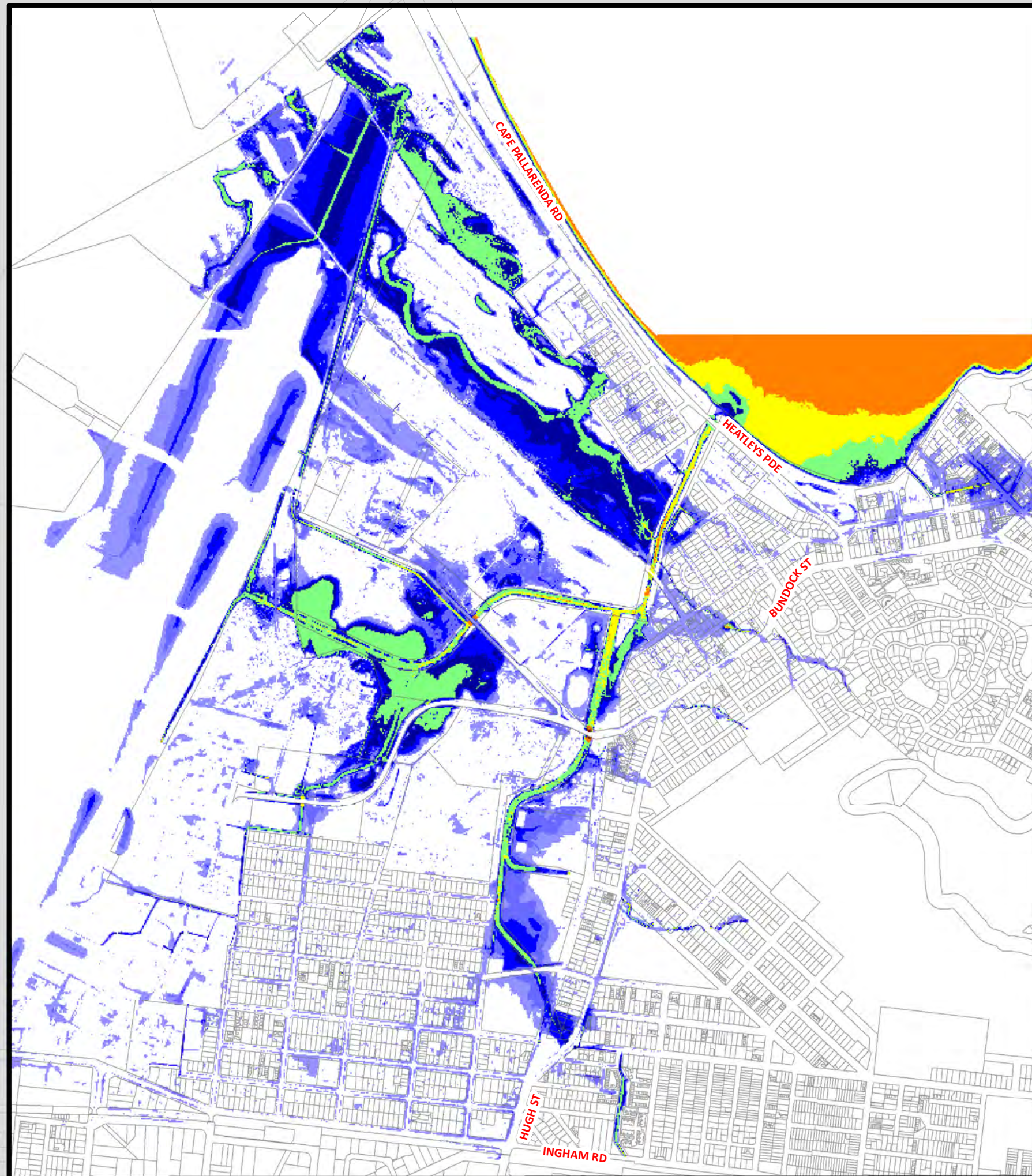


Appendix A

Flood Maps

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CAPTAINS CREEK FLOOD STUDY

2-year ARI Storm Event
Maximum Water Depths
Figure A-1

Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	

0 100 200 400 600
Metres

1:17,000 (when printed at A3)

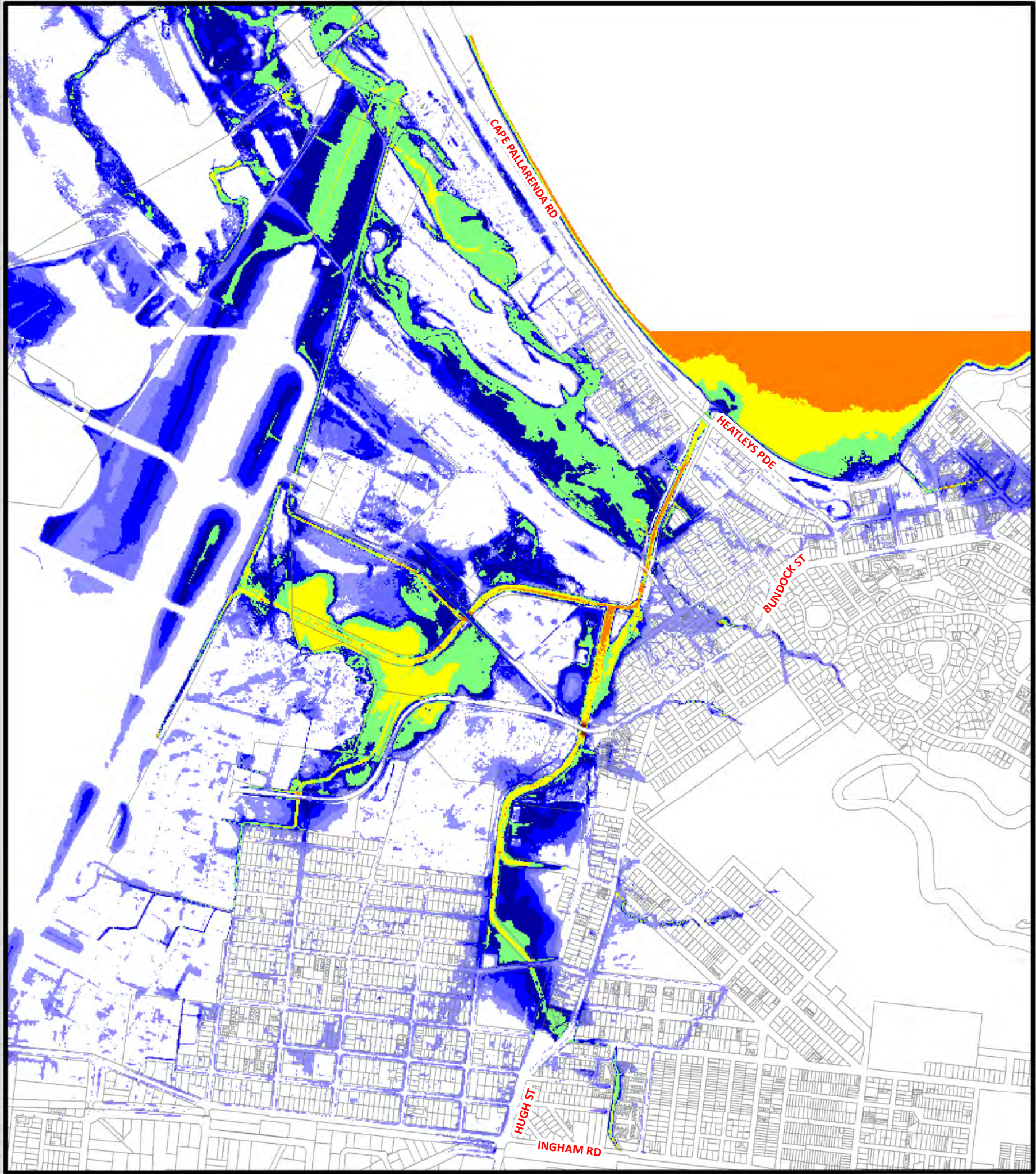


Coordinate System: GDA 1994 MGA Zone 55

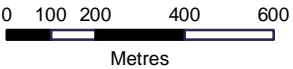
Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

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5-year ARI Storm Event
Maximum Water Depths
Figure A-2



Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	



1:17,000 (when printed at A3)



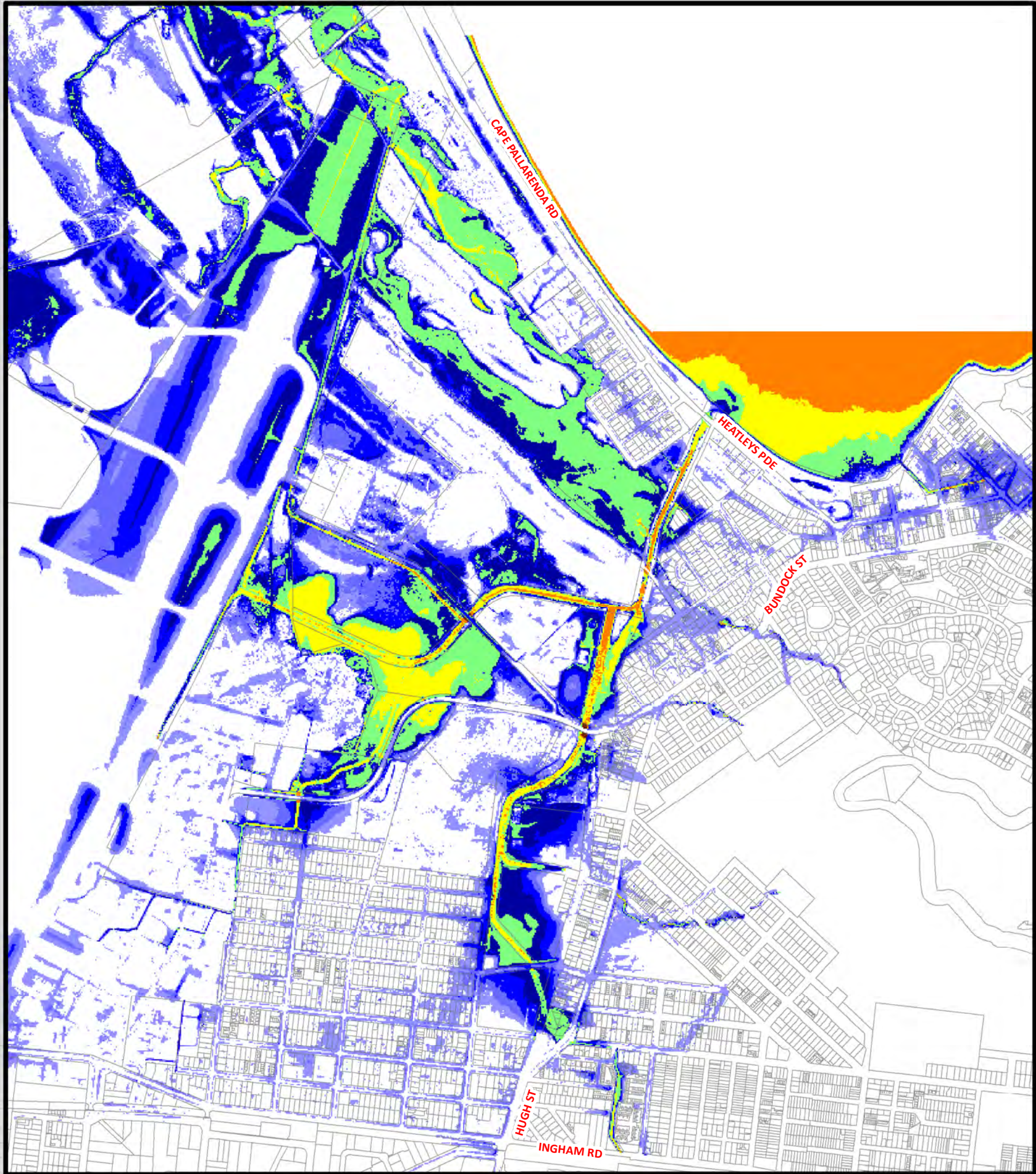
Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

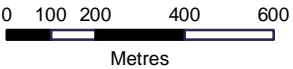


CAPTAINS CREEK FLOOD STUDY

10-year ARI Storm Event
Maximum Water Depths
Figure A-3



Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	



1:17,000 (when printed at A3)



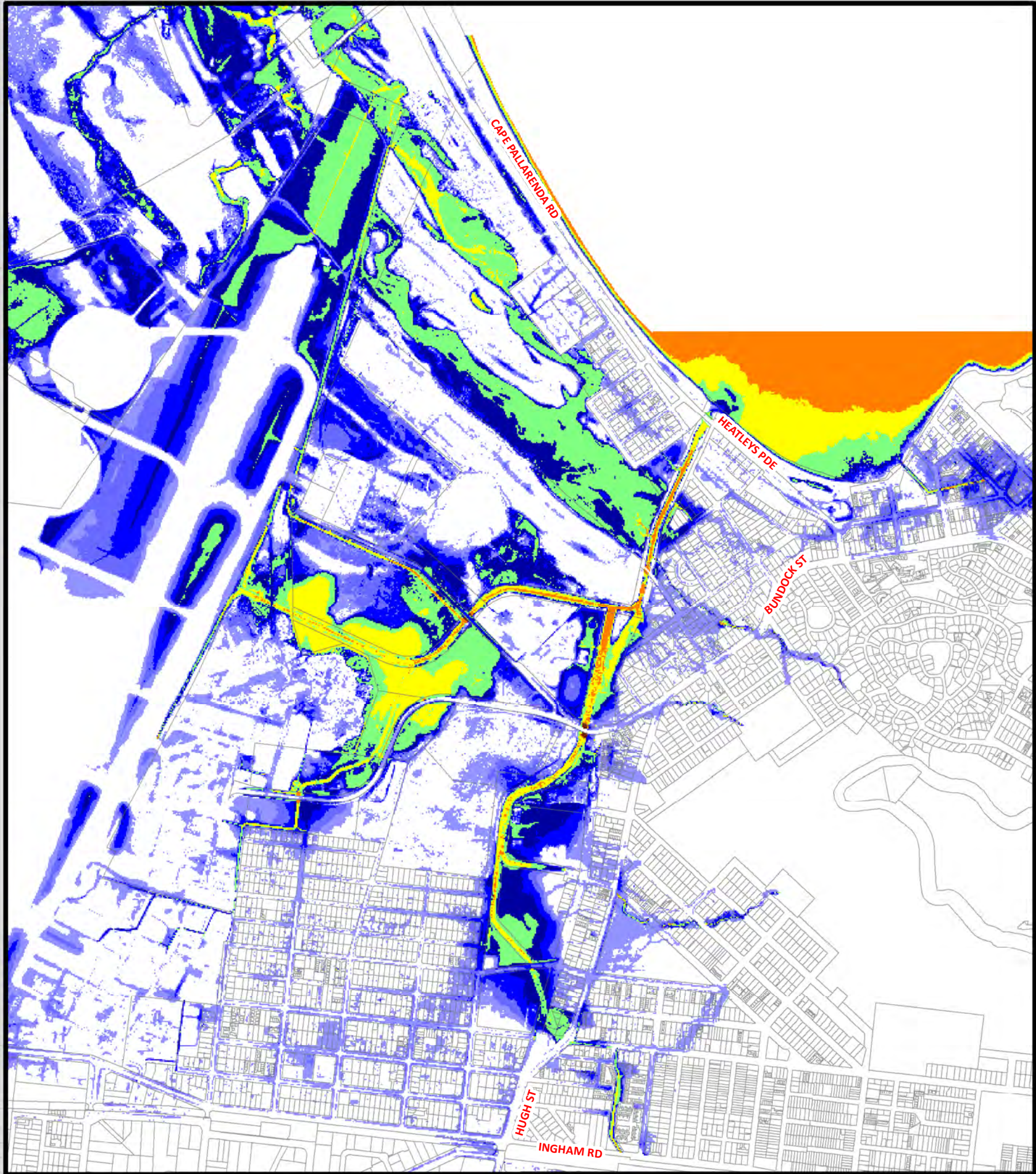
Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

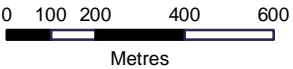


CAPTAINS CREEK FLOOD STUDY

20-year ARI Storm Event
Maximum Water Depths
Figure A-4



Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	



1:17,000 (when printed at A3)



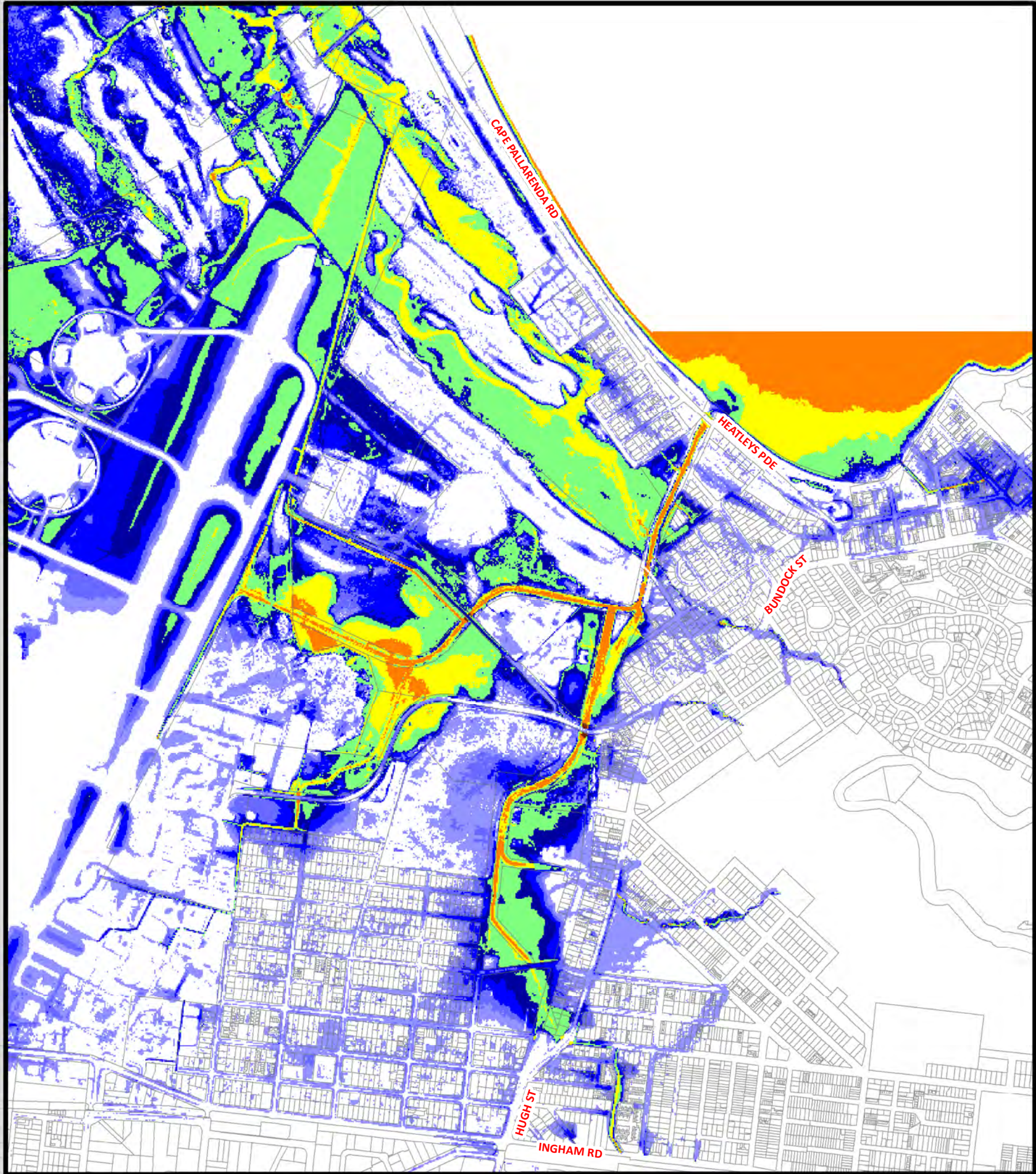
Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

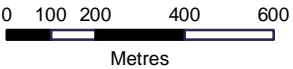


CAPTAINS CREEK FLOOD STUDY

50-year ARI Storm Event
Maximum Water Depths
Figure A-5



Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	



1:17,000 (when printed at A3)



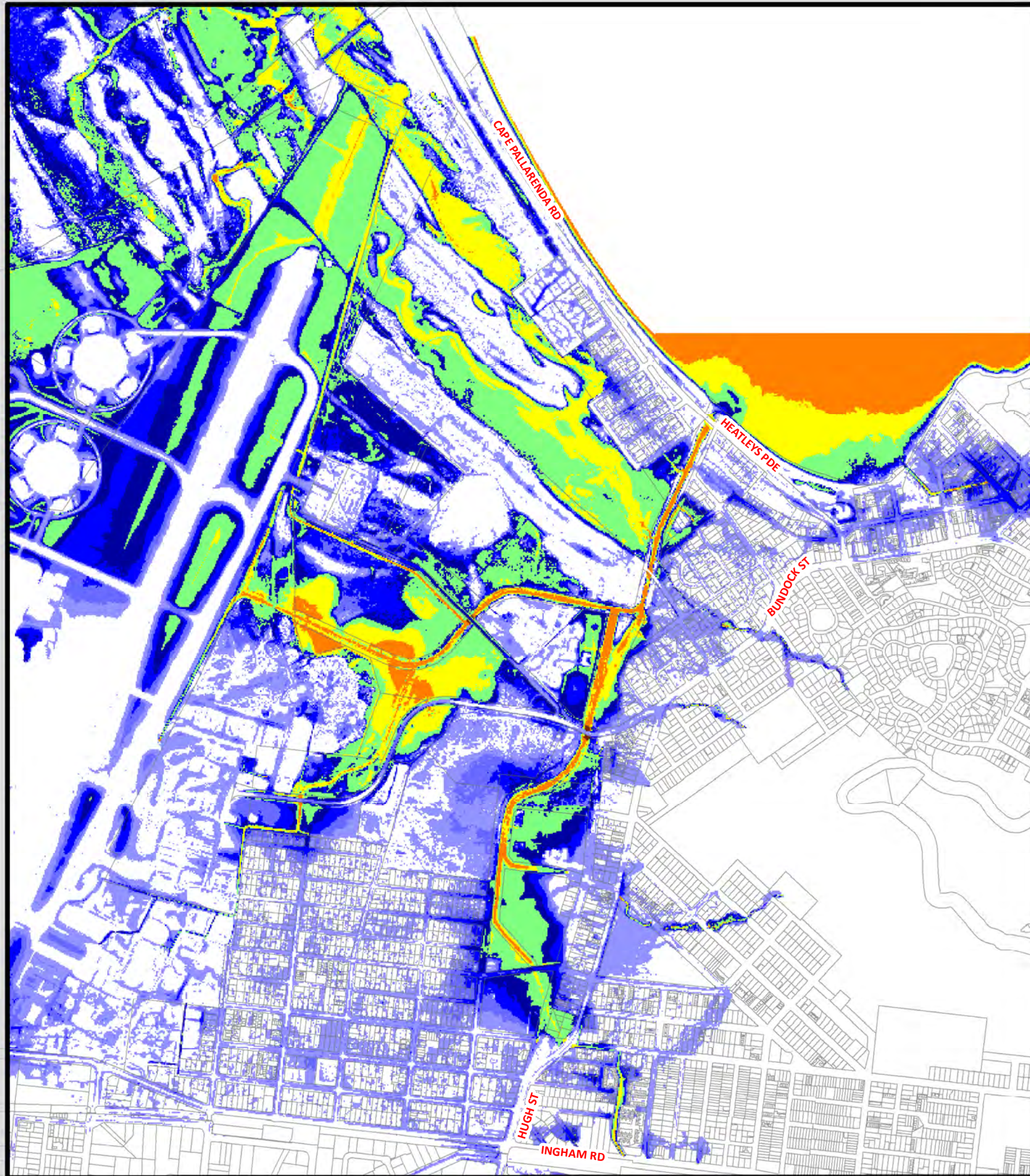
Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013



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CAPTAINS CREEK FLOOD STUDY

100-year ARI Storm Event
Maximum Water Depths
Figure A-6

Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	

0 100 200 400 600
Metres

1:17,000 (when printed at A3)



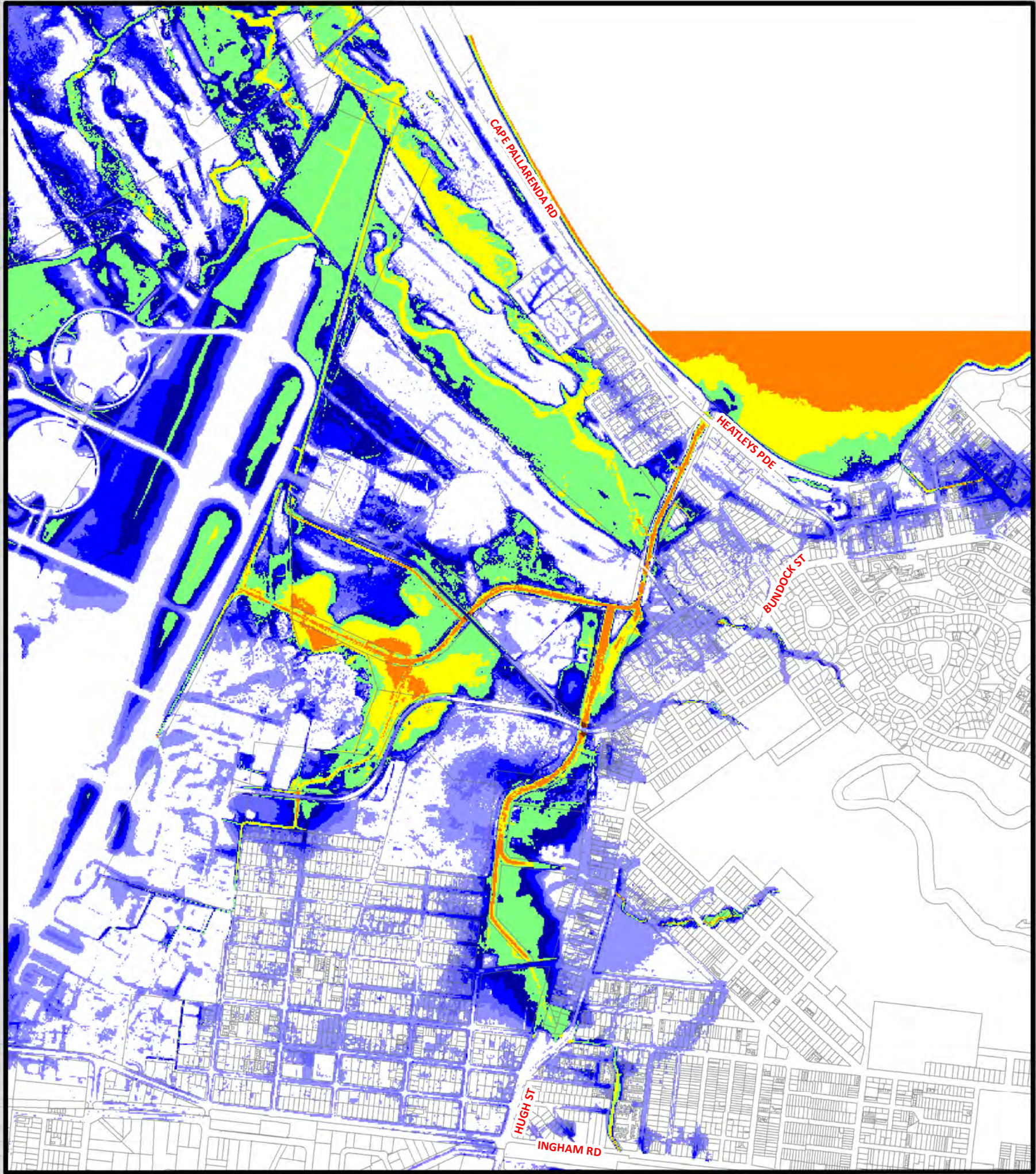
Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

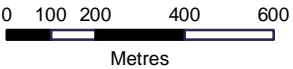
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CAPTAINS CREEK FLOOD STUDY

200-year ARI Storm Event
Maximum Water Depths
Figure A-7



Maximum Water Depth (m)	
0 - 0.3	Blue
0.3 - 0.5	Light Blue
0.5 - 0.75	Dark Blue
0.75 - 1	Dark Blue
1 - 1.5	Green
1.5 - 2	Yellow
2 - 3	Orange
> 3	Red



1:17,000 (when printed at A3)



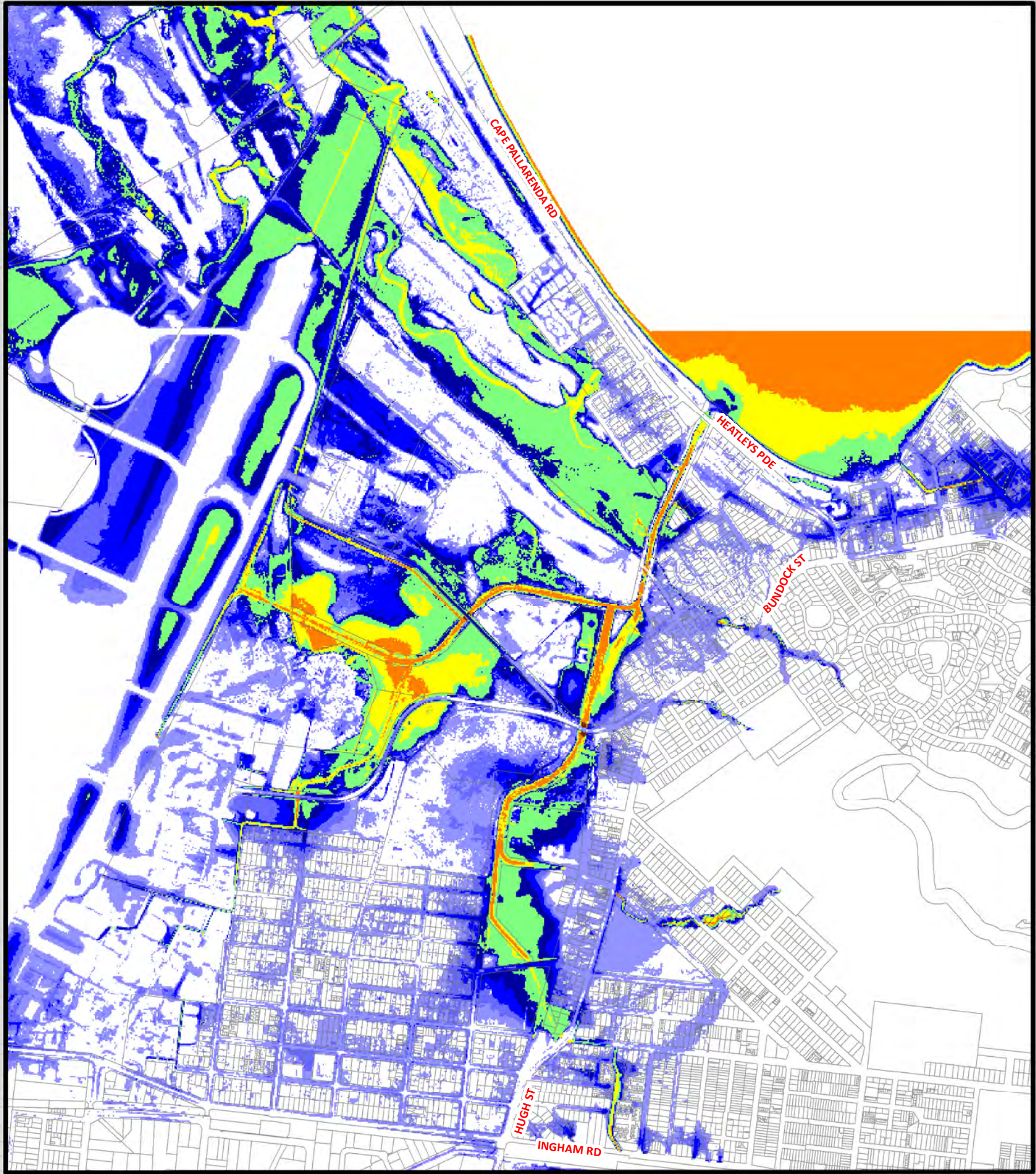
Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

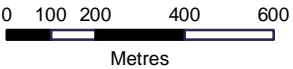


CAPTAINS CREEK FLOOD STUDY

500-year ARI Storm Event
Maximum Water Depths
Figure A-8



Maximum Water Depth (m)	
0 - 0.3	Blue
0.3 - 0.5	Light Blue
0.5 - 0.75	Dark Blue
0.75 - 1	Dark Blue
1 - 1.5	Green
1.5 - 2	Yellow
2 - 3	Orange
> 3	Red



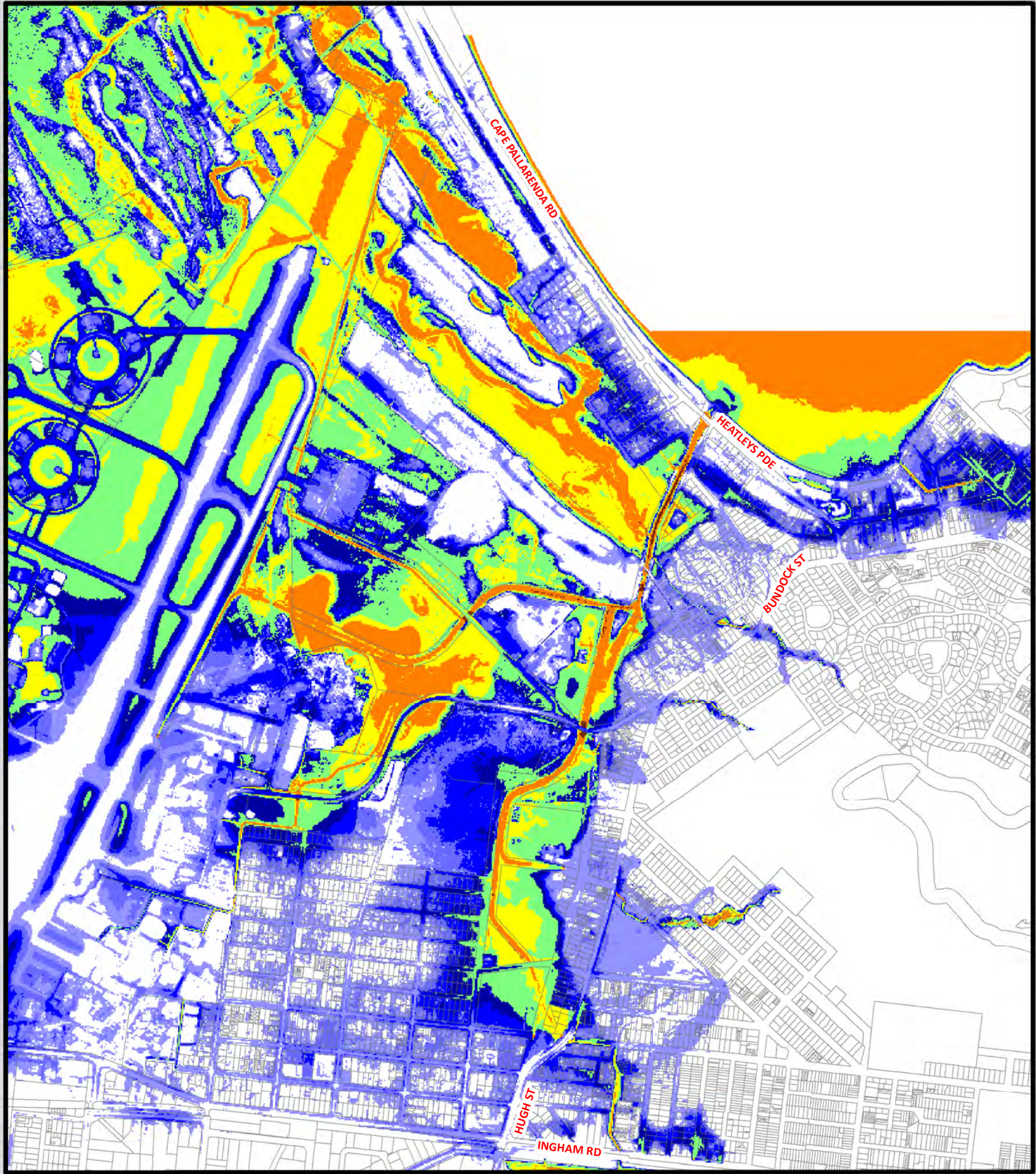
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Coordinate System: GDA 1994 MGA Zone 55

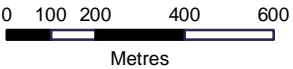
Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013



PMF Storm Event
Maximum Water Depths
Figure A-9



Maximum Water Depth (m)	
0 - 0.3	
0.3 - 0.5	
0.5 - 0.75	
0.75 - 1	
1 - 1.5	
1.5 - 2	
2 - 3	
> 3	



1:17,000 (when printed at A3)

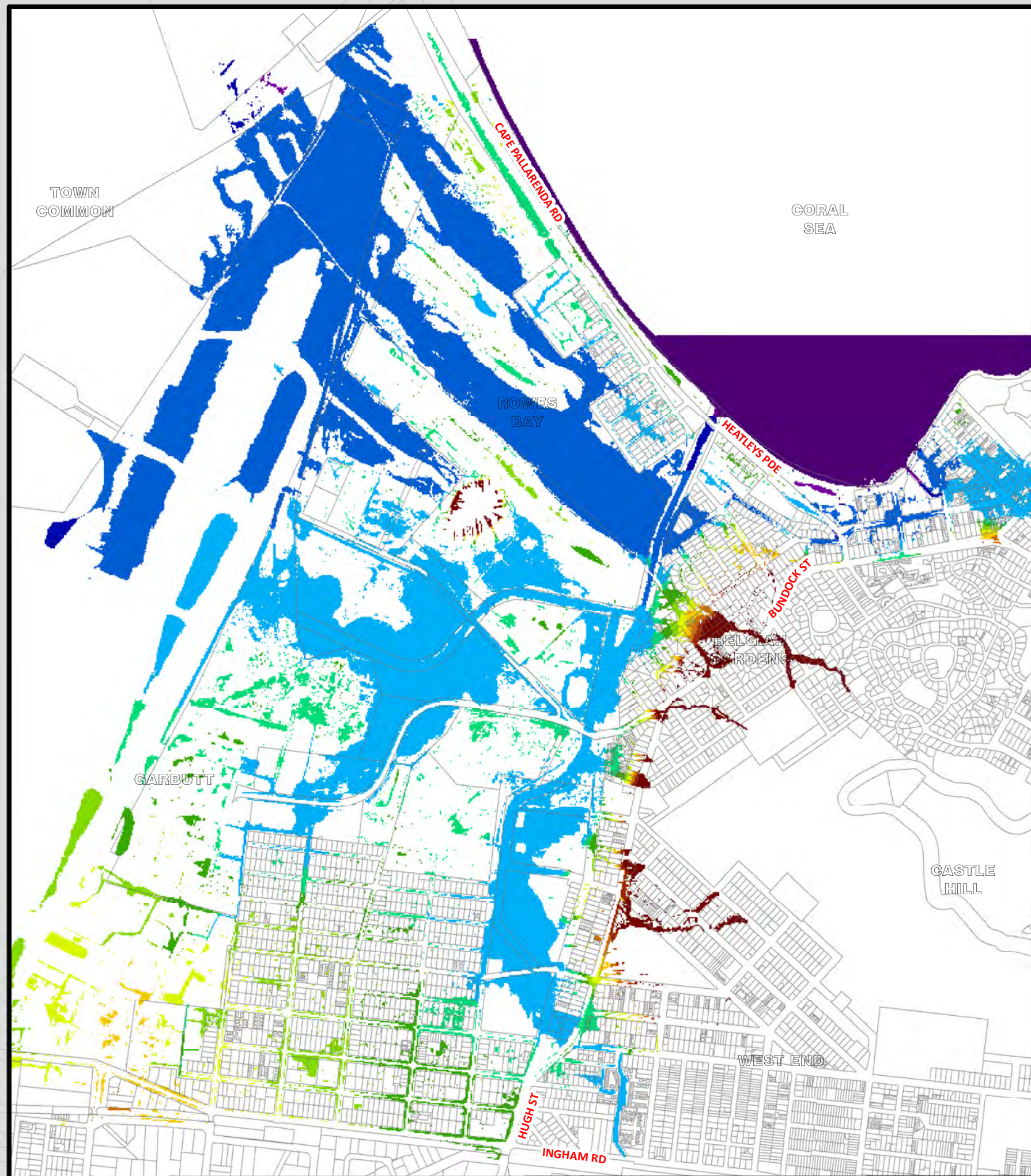


Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

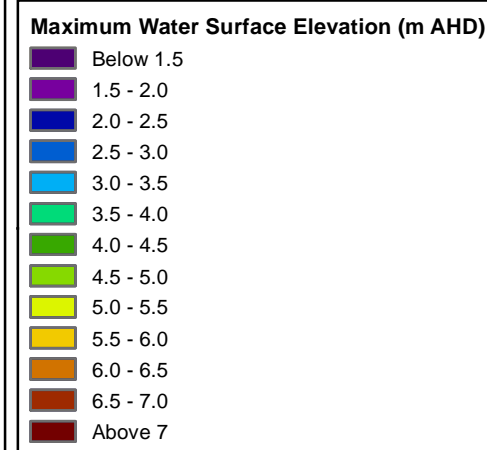


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CAPTAINS CREEK FLOOD STUDY

2-year ARI Storm Event
Maximum Water Surface Elevations
Figure A-10



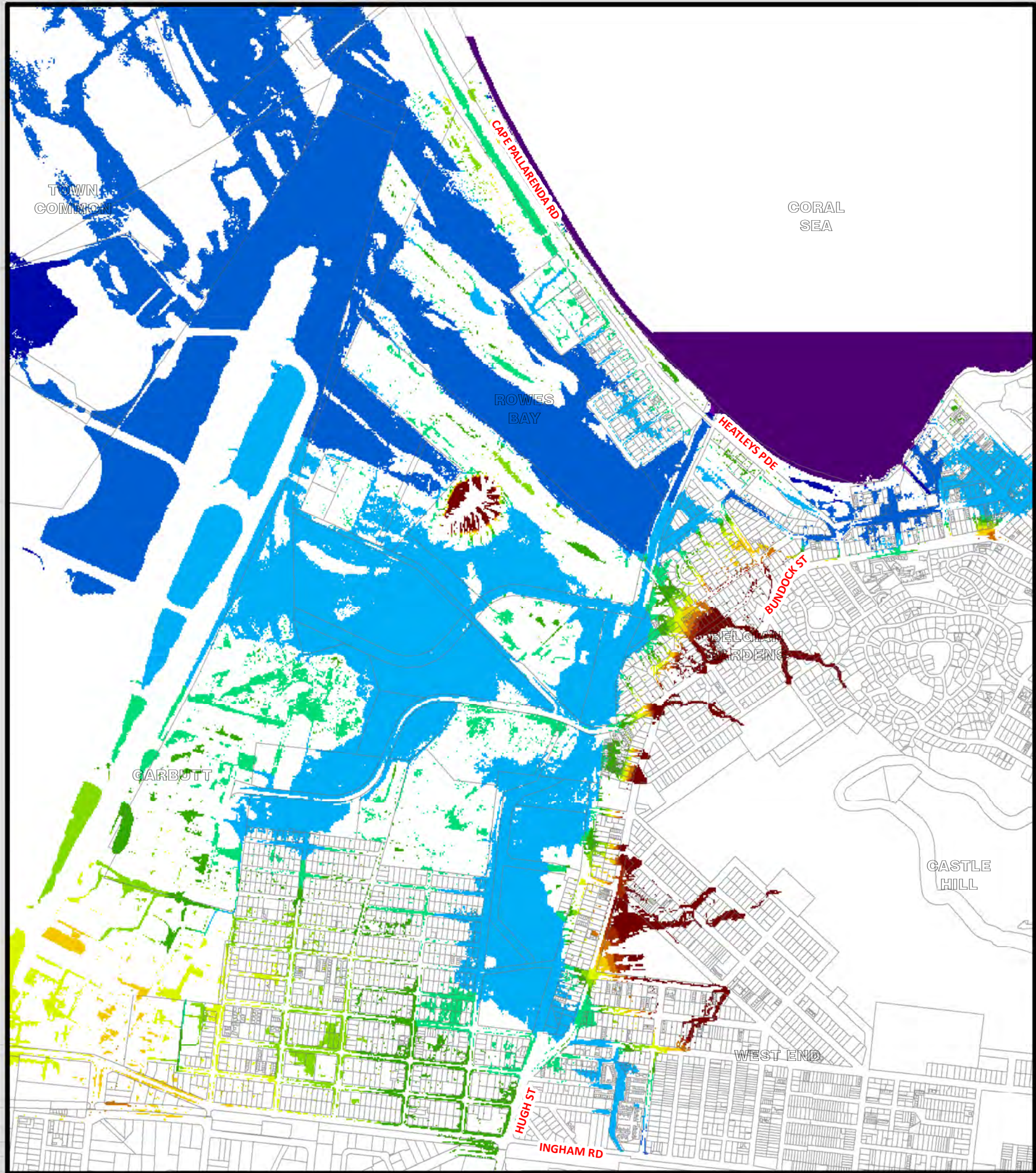
1:17,000 (when printed at A3)

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Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
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CAPTAINS CREEK FLOOD STUDY

5-year ARI Storm Event
Maximum Water Surface Elevations
Figure A-11

Maximum Water Surface Elevation (m AHD)

- Below 1.5
- 1.5 - 2.0
- 2.0 - 2.5
- 2.5 - 3.0
- 3.0 - 3.5
- 3.5 - 4.0
- 4.0 - 4.5
- 4.5 - 5.0
- 5.0 - 5.5
- 5.5 - 6.0
- 6.0 - 6.5
- 6.5 - 7.0
- Above 7

0 100 200 400 600
Metres

1:17,000 (when printed at A3)

Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

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MOUNT
ST JOHN

INGHAM RD

CARBUTT

ROWS
BAY

CAPE PALLARENDA RD

CORAL
SEA

HEATLEYS PDE

BUNDOCK ST

WEST
END

HUGH ST

INGHAM RD

CASTLE
HILL

NORTH
WARD

WARBURTON ST

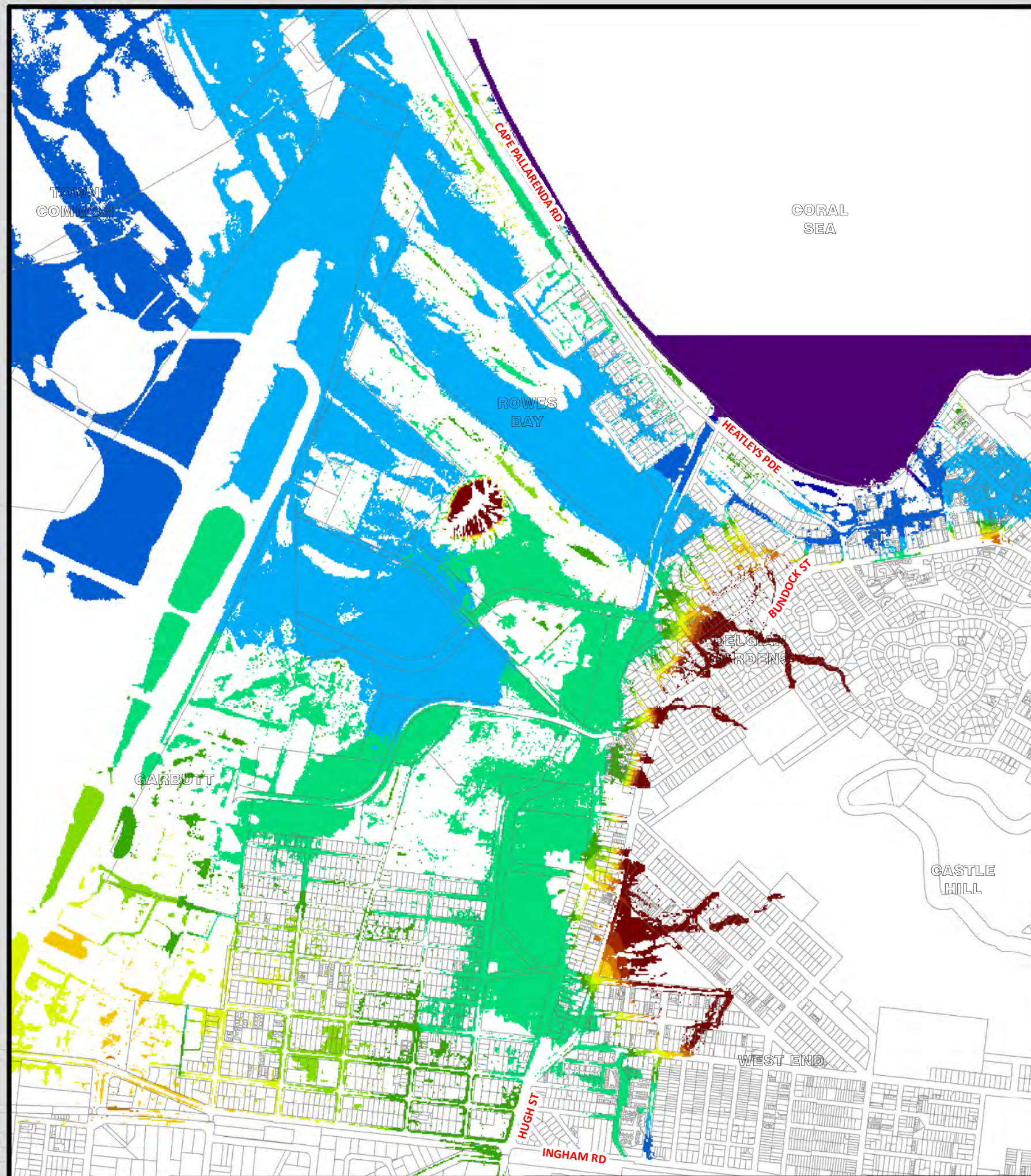
STANLEY ST

TOWNSVILLE
CITY

STURT ST

RAILWAY
ESTATE

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CAPTAINS CREEK FLOOD STUDY

10-year ARI Storm Event
Maximum Water Surface Elevations
Figure A-12

Maximum Water Surface Elevation (m AHD)

- Below 1.5
- 1.5 - 2.0
- 2.0 - 2.5
- 2.5 - 3.0
- 3.0 - 3.5
- 3.5 - 4.0
- 4.0 - 4.5
- 4.5 - 5.0
- 5.0 - 5.5
- 5.5 - 6.0
- 6.0 - 6.5
- 6.5 - 7.0
- Above 7

0 100 200 400 600
Metres

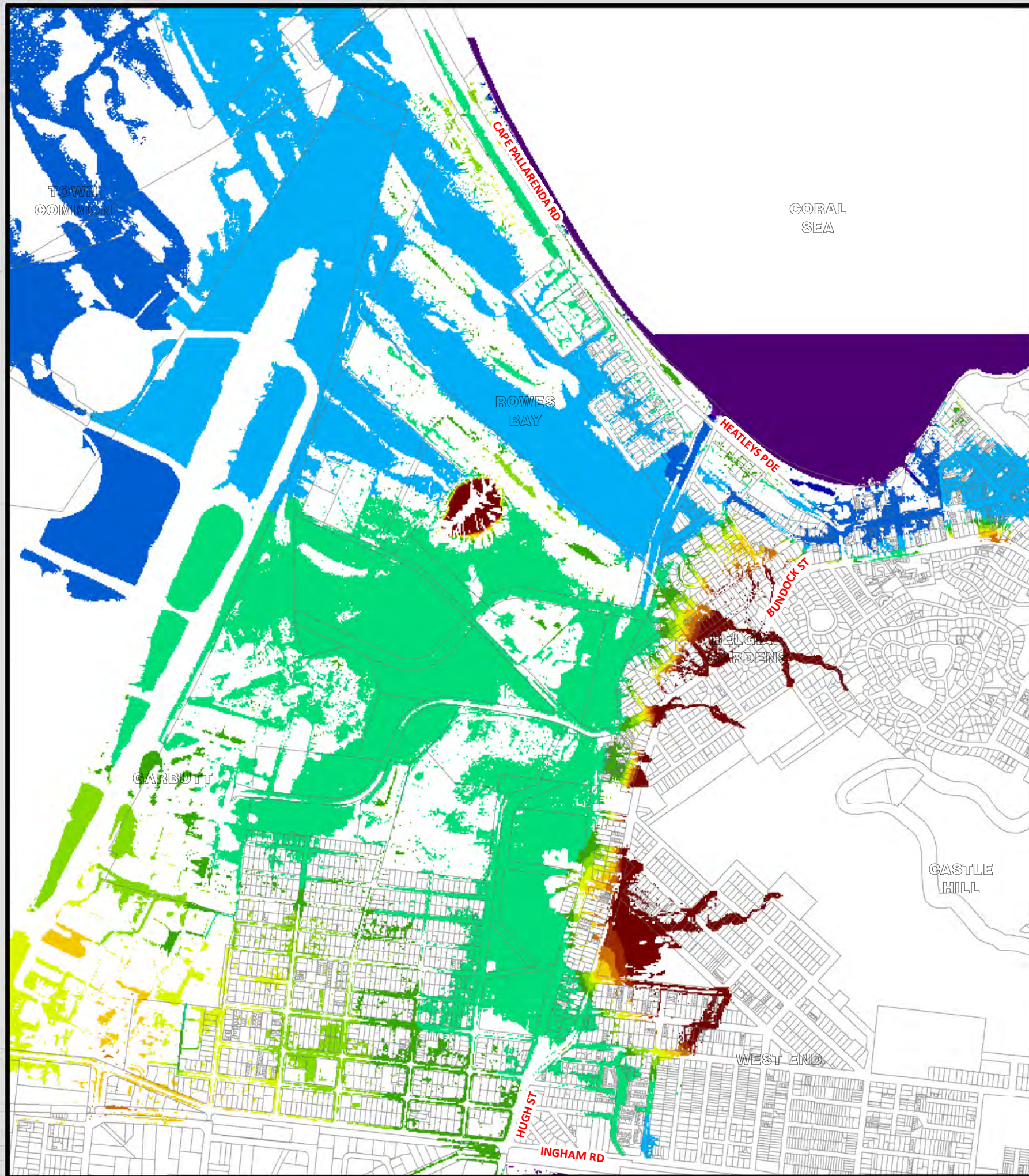
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Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

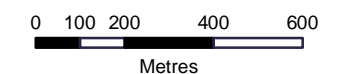
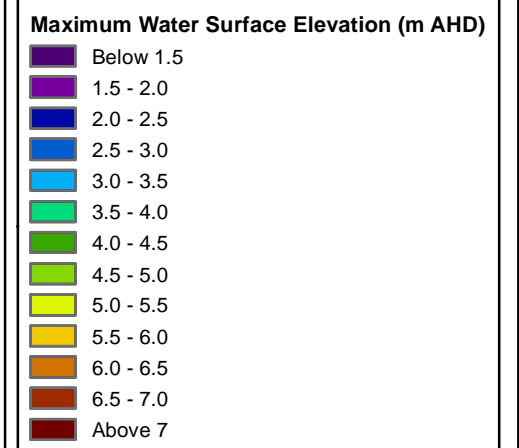
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CAPTAINS CREEK FLOOD STUDY

20-year ARI Storm Event
Maximum Water Surface Elevations
Figure A-13



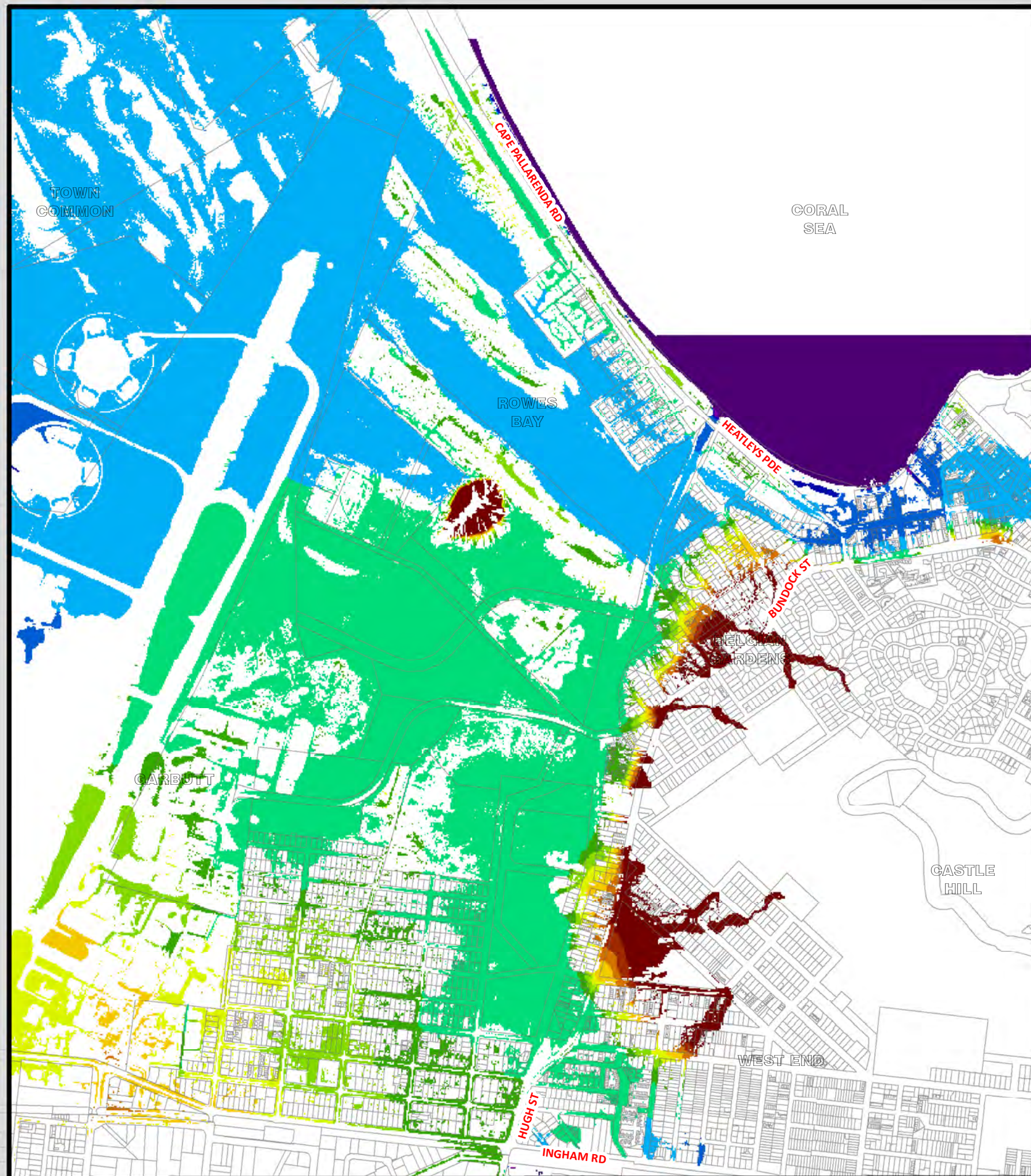
1:17,000 (when printed at A3)

Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

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CAPTAINS CREEK FLOOD STUDY

50-year ARI Storm Event
Maximum Water Surface Elevations
Figure A-14

Maximum Water Surface Elevation (m AHD)

Below 1.5
1.5 - 2.0
2.0 - 2.5
2.5 - 3.0
3.0 - 3.5
3.5 - 4.0
4.0 - 4.5
4.5 - 5.0
5.0 - 5.5
5.5 - 6.0
6.0 - 6.5
6.5 - 7.0
Above 7

0 100 200 400 600
Metres

1:17,000 (when printed at A3)

Coordinate System: GDA 1994 MGA Zone 55

Data sources:
Road, Rail, Localities - StreetPro® 2010
Property Boundary - OLD Gov 2013
Imagery - OLD Gov 2010
Elevation - TCC 2013

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