

Legend

- Stopbank
- 1D River channel
- Base Extent
- Peak water depth (m)**
- 0 - 0.01
- 0.01 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- 3 - 3.5
- 3.5 +



LANDRIVERSEA
CONSULTING

THE WEST COAST
REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

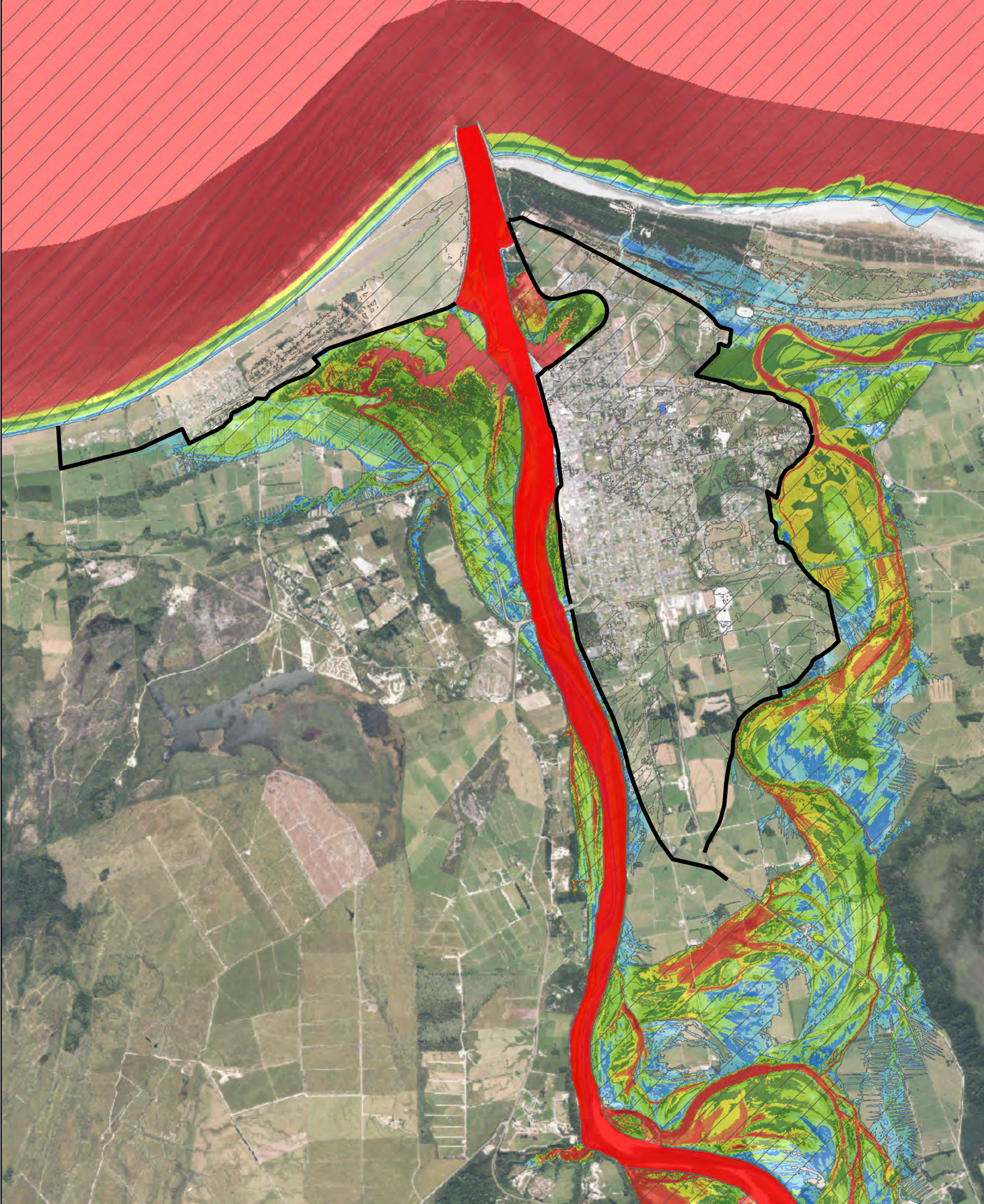
PEAK DEPTH MAP

OPTION A - 20yr ARI (Historic Climate)
Inland Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	20/05/2022		

Model Information
Coordinate System: New Zealand Transverse Mercator
Vertical Datum: NZVD2016
Model Completed: March 2022

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REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

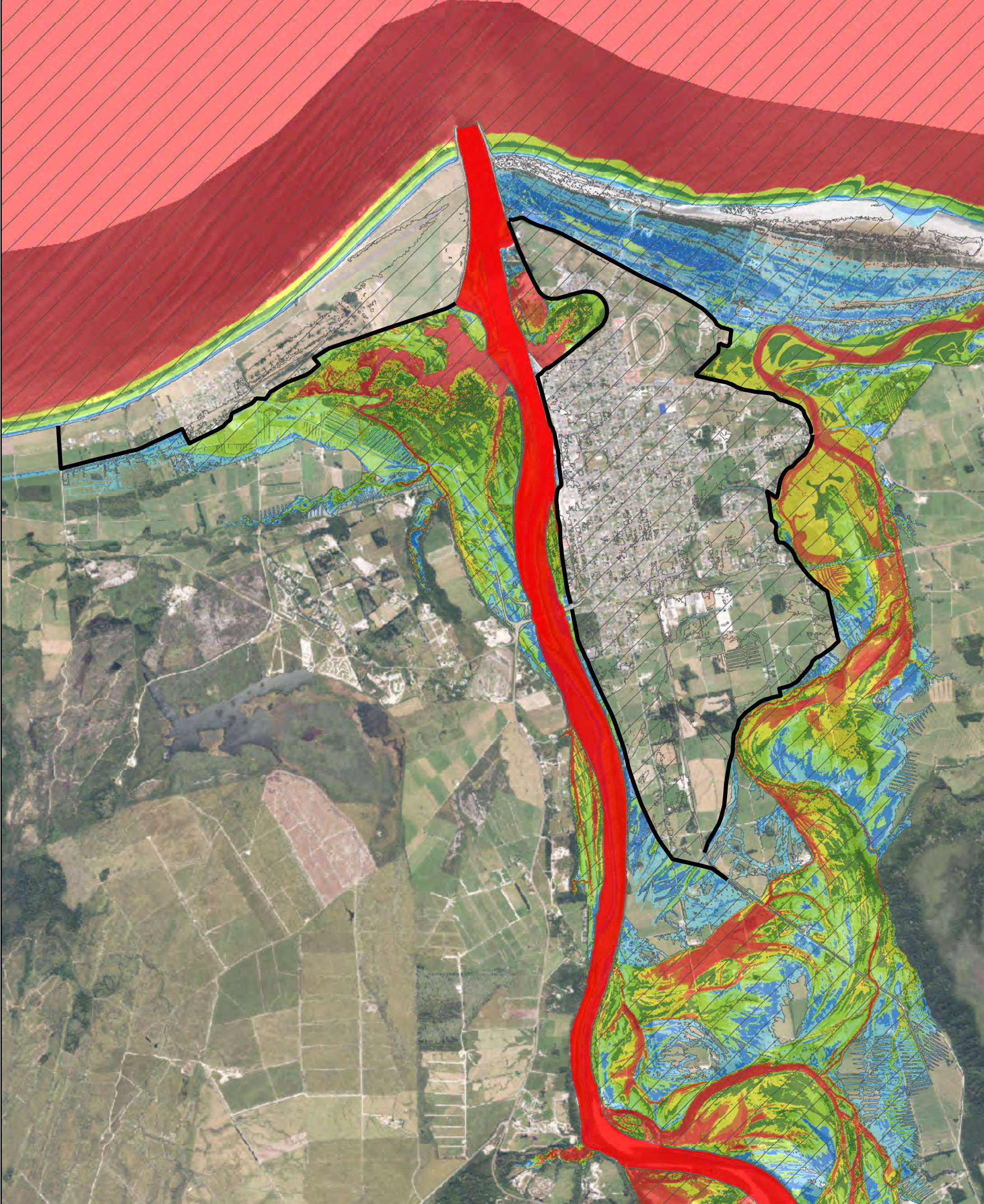
PEAK DEPTH MAP

OPTION A - 50yr ARI (Historic Climate)
Inland Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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MAP (1 of 1)

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Buller River Flood Modelling

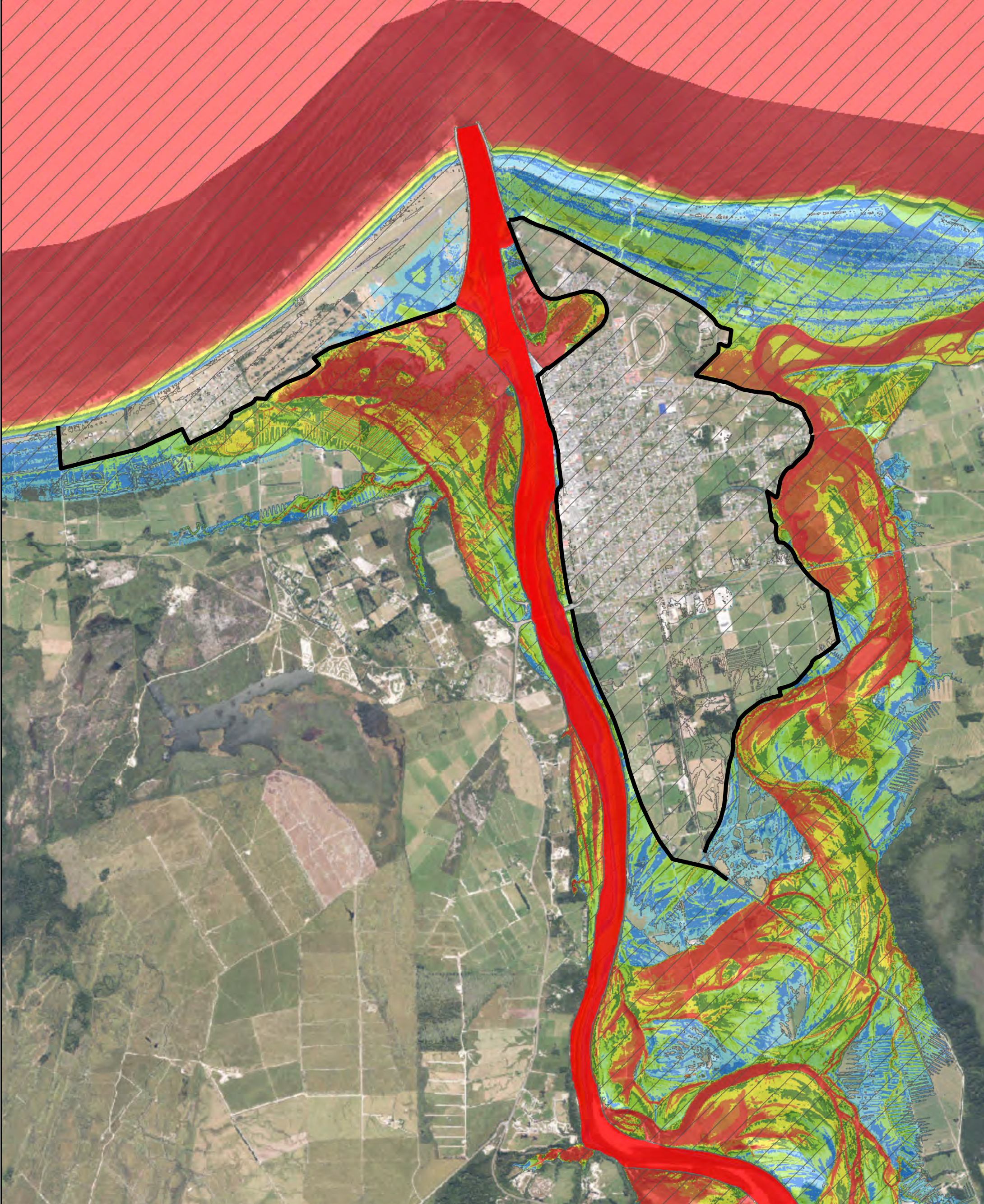
PEAK SPEED MAP

OPTION A - 100yr ARI (Historic Climate)
Inland Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

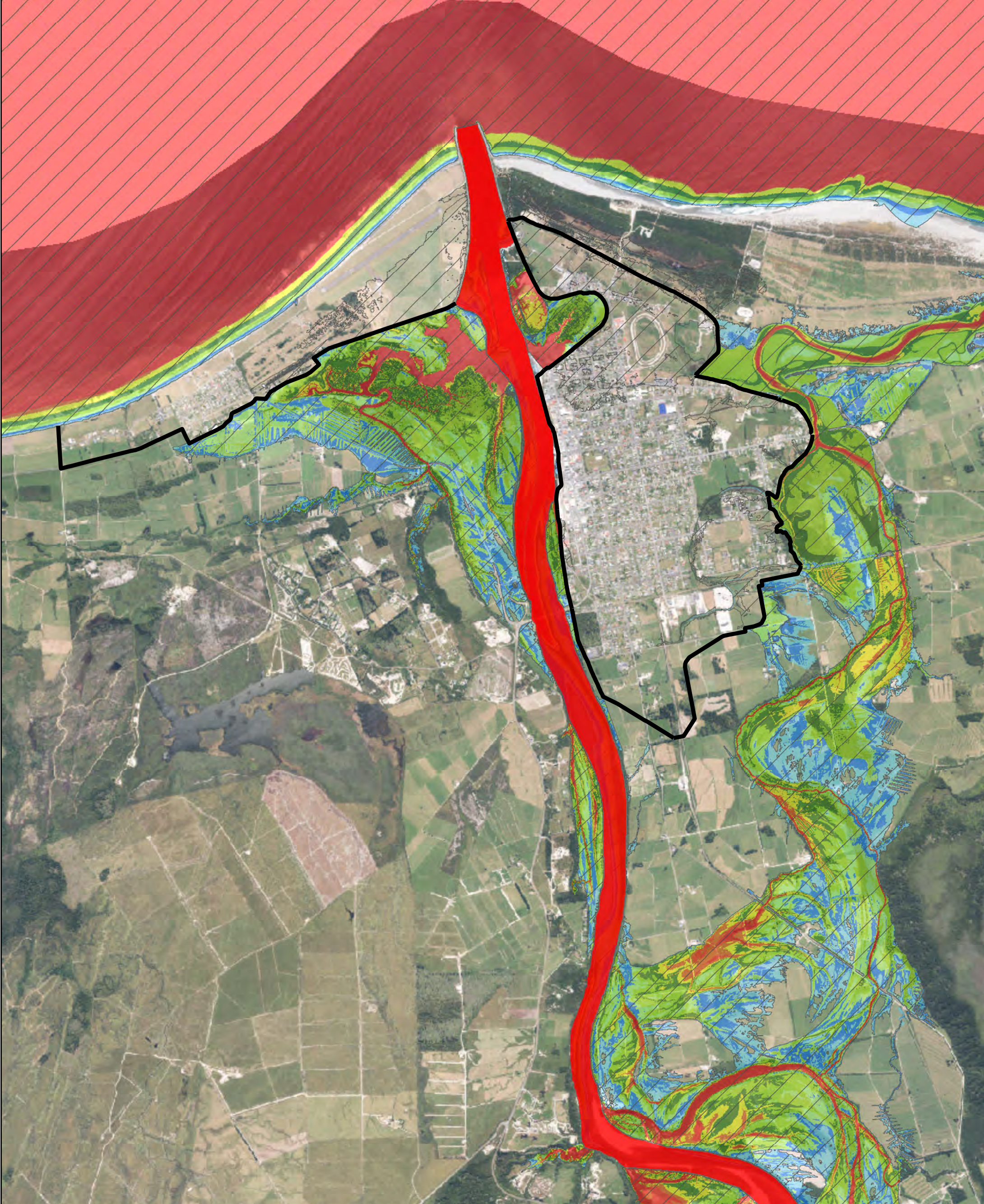
PEAK DEPTH MAP

OPTION A - 100yr ARI RCP6 (Future Climate)
Inland Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	20/05/2022		

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REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

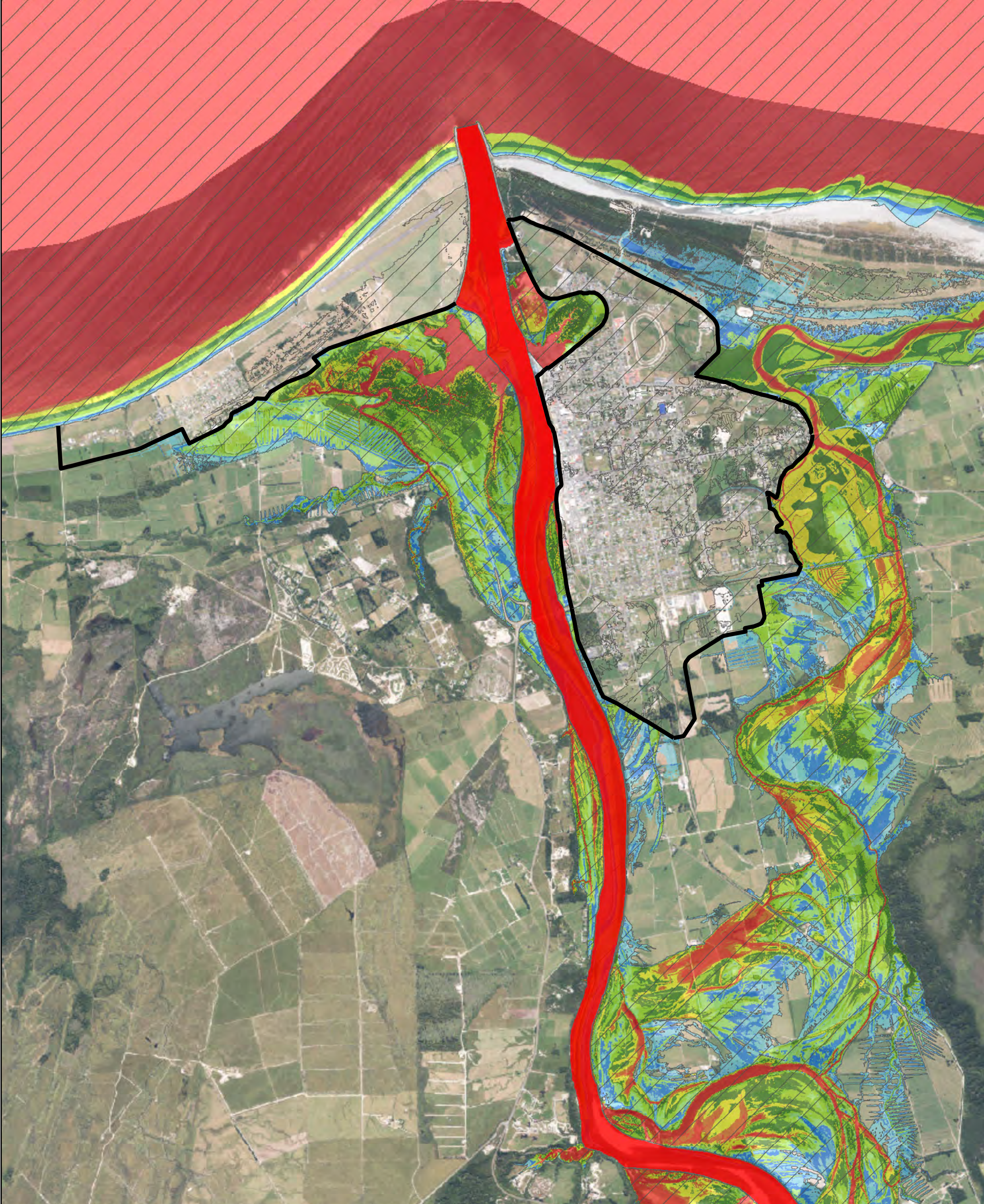
PROJECT
Buller River Flood Modelling

PEAK DEPTH MAP
OPTION B - 20yr ARI (Historic Climate)
Inland Ringbank (reduced area) including
Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	19/05/2022		

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THE WEST COAST
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Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

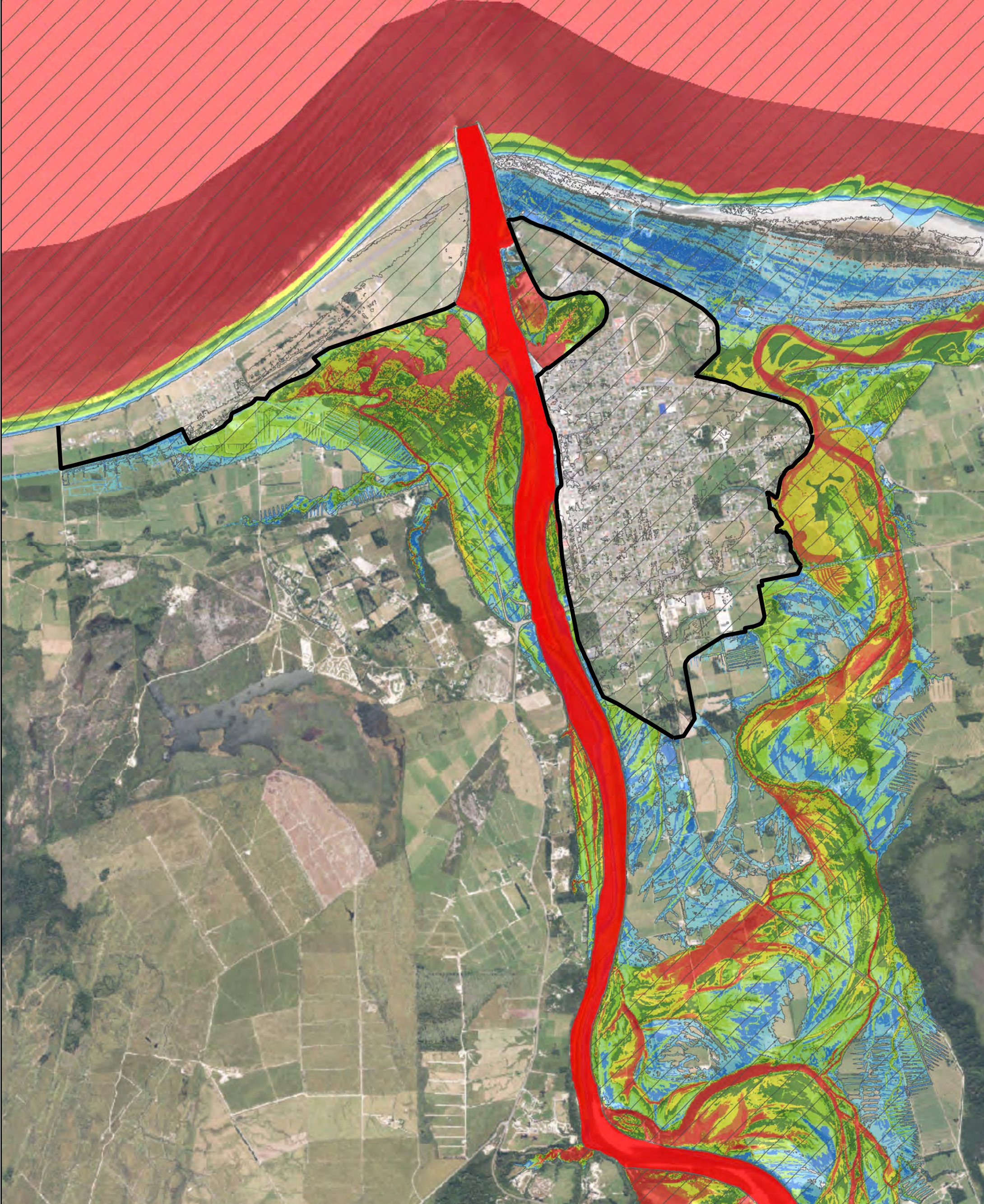
PROJECT
Buller River Flood Modelling

PEAK DEPTH MAP
OPTION B - 50yr ARI (Historic Climate)
Inland Ringbank (reduced area) including
Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	 N
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REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

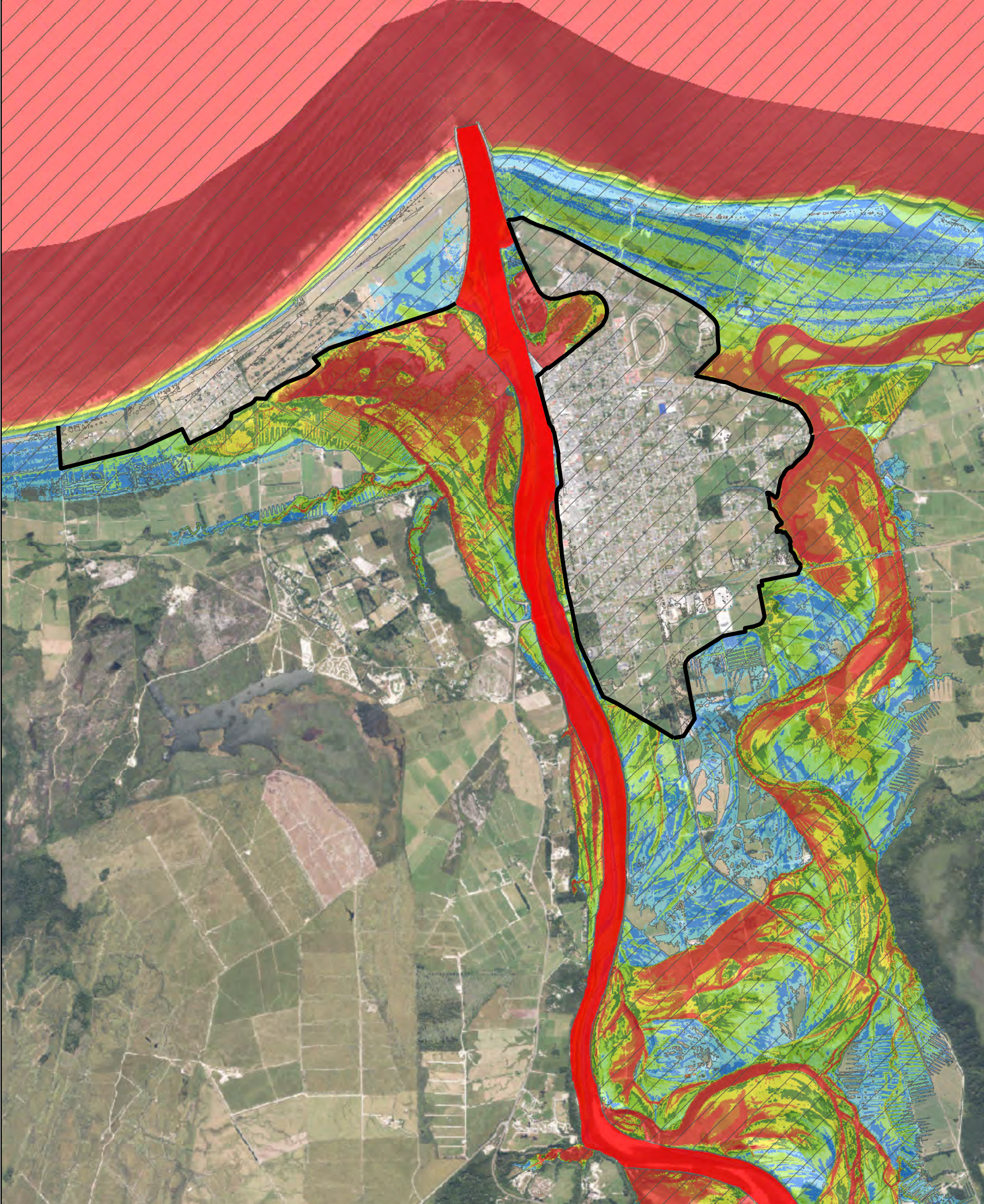
PROJECT
Buller River Flood Modelling

PEAK DEPTH MAP
OPTION B - 100yr ARI (Historic Climate)
Inland Ringbank (reduced area) including
Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

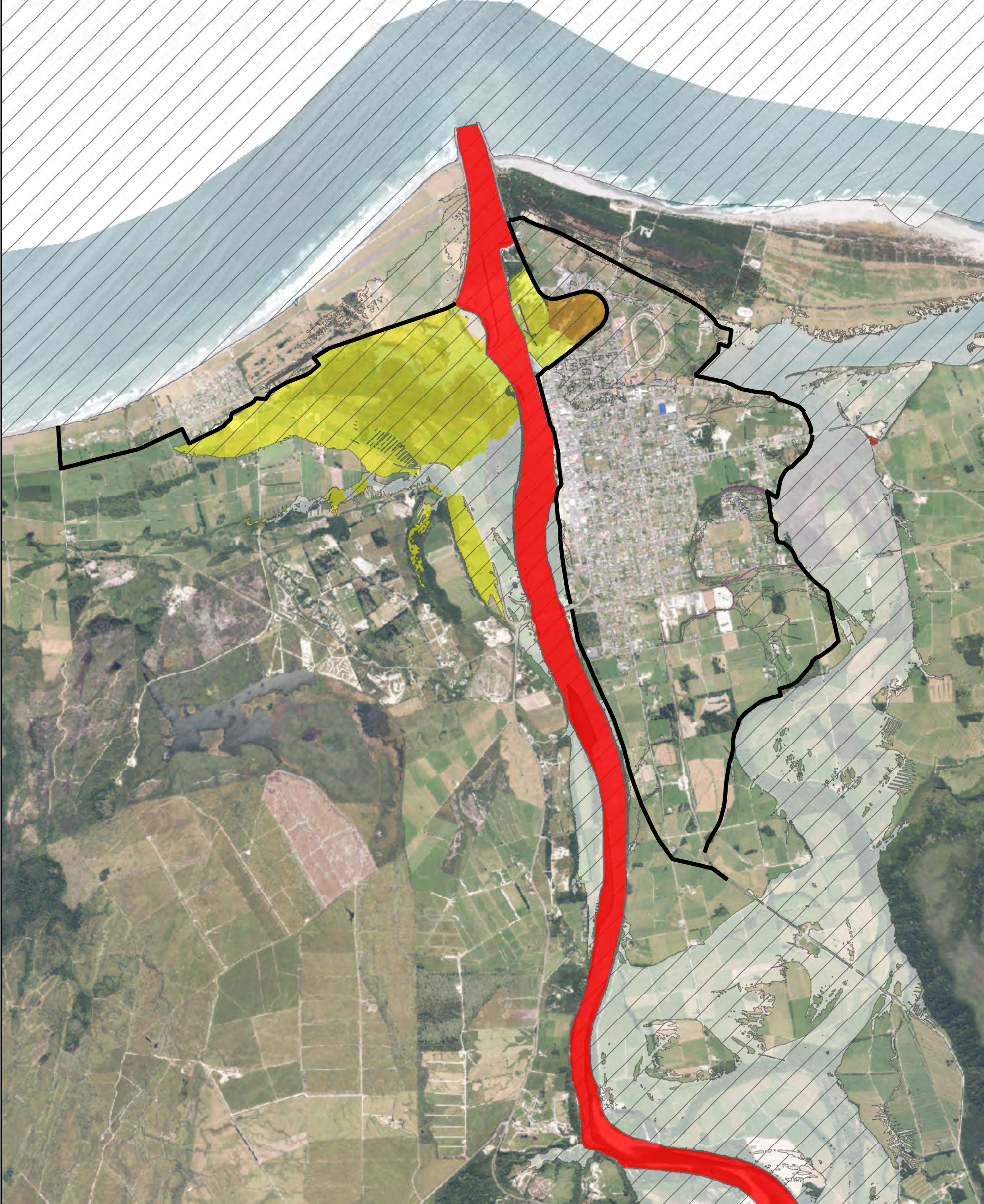
PROJECT
Buller River Flood Modelling

PEAK DEPTH MAP
OPTION B - 100yr ARI RCP6 (Future Climate) Inland Ringbank (reduced area) including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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Legend

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Change in Peak Depth (m)

- <-0.5
- 0.5 to -0.1
- 0.1 to -0.05
- 0.05 to 0.05
- 0.05 to 0.1
- 0.1 to 0.5
- >0.5



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THE WEST COAST
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0 375 750 1,500
Meters

A3 SCALE 1:30,000

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

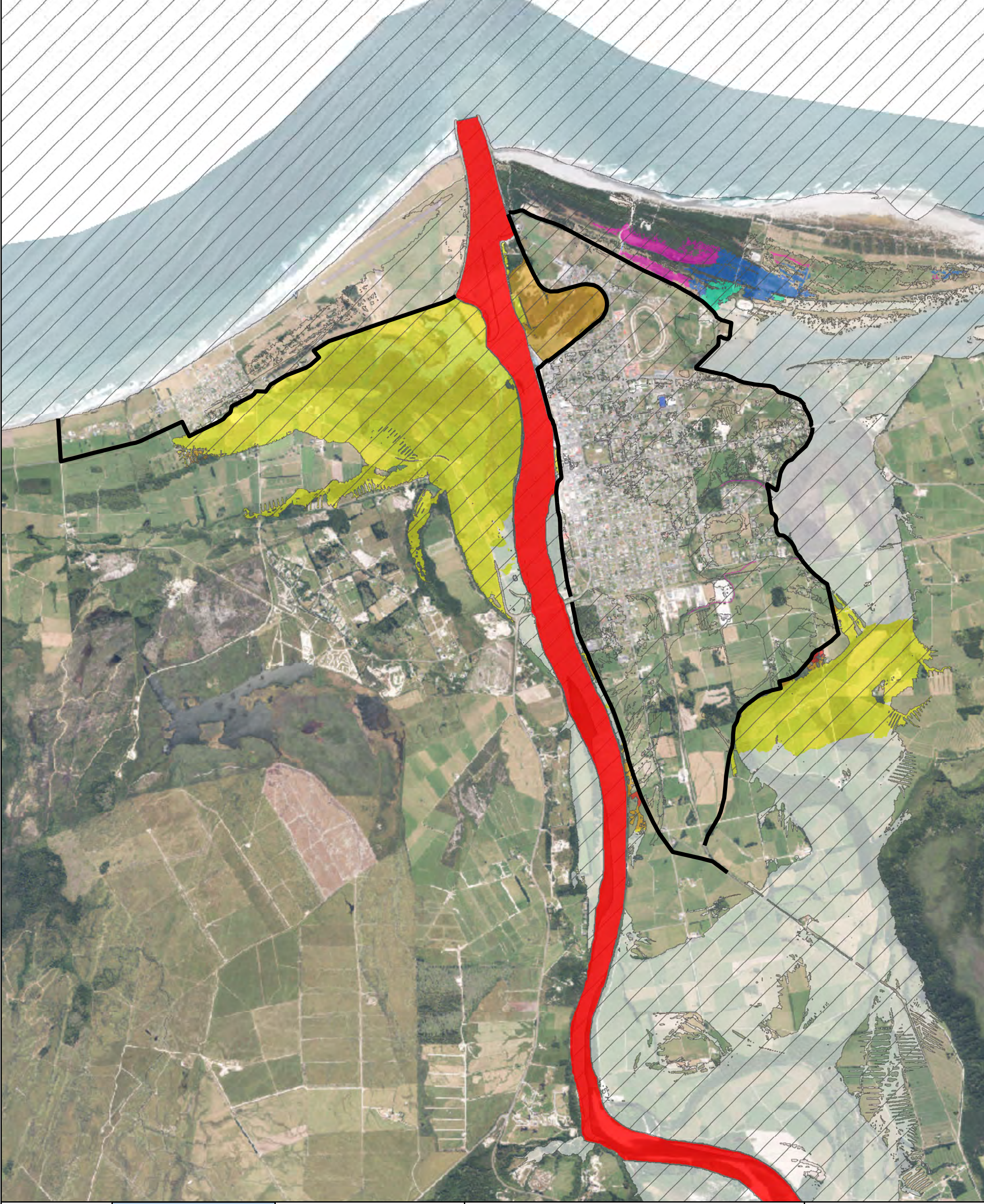
DEPTH DIFFERENCE MAP

OPTION A - 20yr ARI (Historic Climate)
Inland Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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Legend

- Stopbank
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Change in Peak Depth (m)

- <math><-0.5</math>
- 0.5 to -0.1
- 0.1 to -0.05
- 0.05 to 0.05
- 0.05 to 0.1
- 0.1 to 0.5
- >0.5



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0 375 750 1,500
Meters

A3 SCALE 1:30,000

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

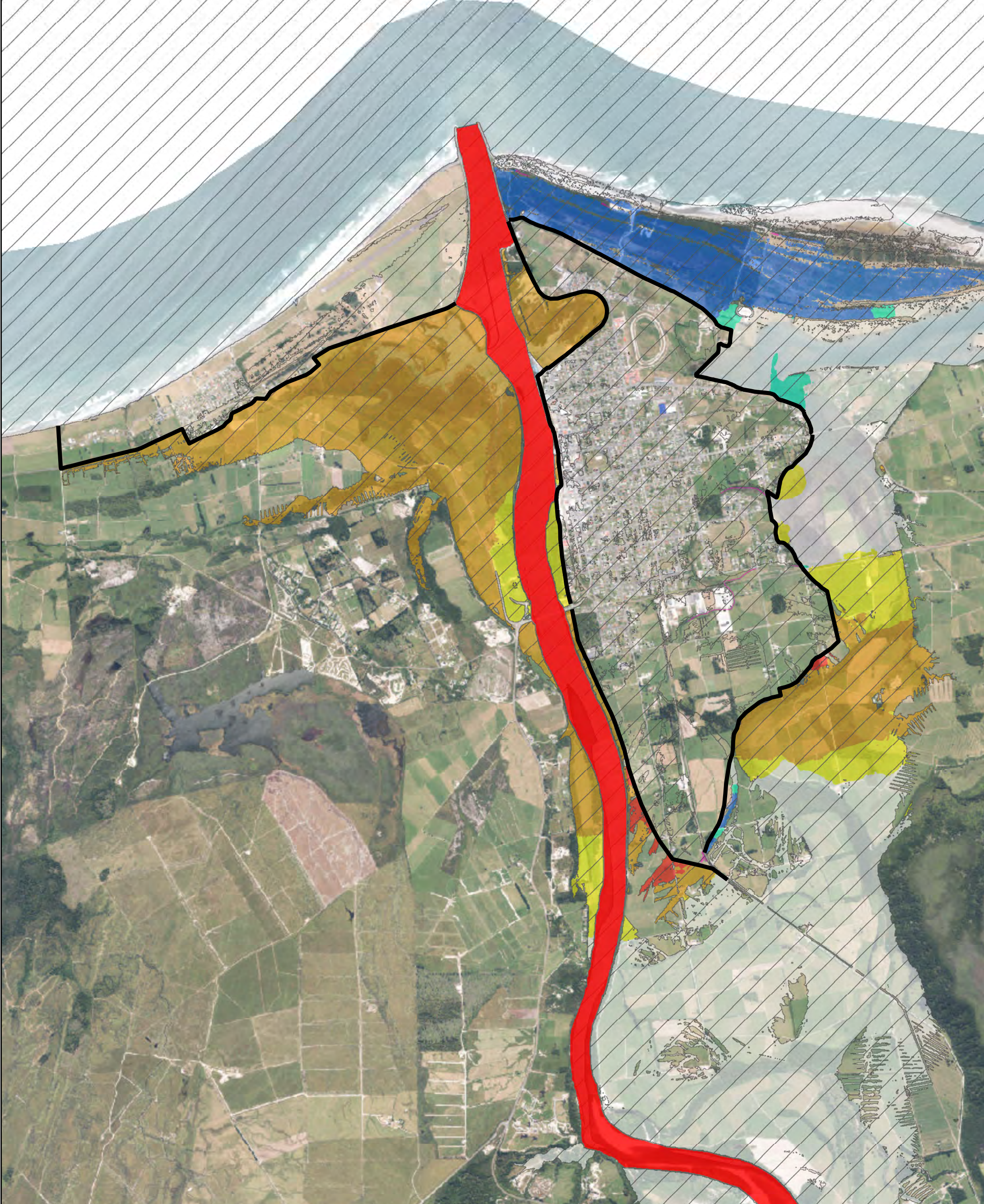
DEPTH DIFFERENCE MAP

OPTION A - 50yr ARI (Historic Climate)
Inland Ringbank including Carter's beach

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Legend

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- <-0.5
- 0.5 to -0.1
- 0.1 to -0.05
- 0.05 to 0.05
- 0.05 to 0.1
- 0.1 to 0.5
- >0.5



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THE WEST COAST
REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

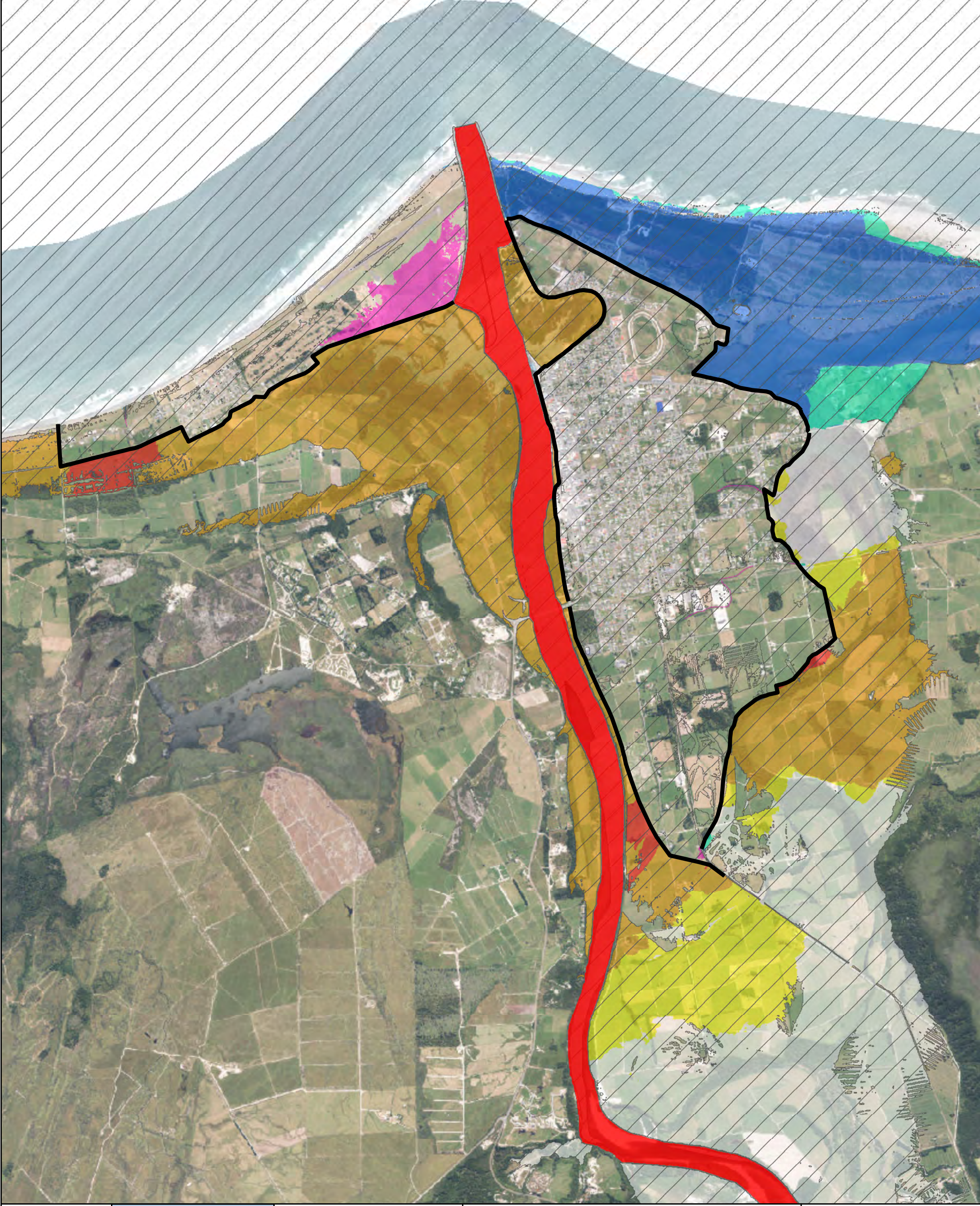
DEPTH DIFFERENCE MAP

OPTION A - 100yr ARI (Historic Climate)
Inland Ringbank including Carter's beach

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0 375 750 1,500
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MAP (1 of 1)

PROJECT
Buller River Flood Modelling

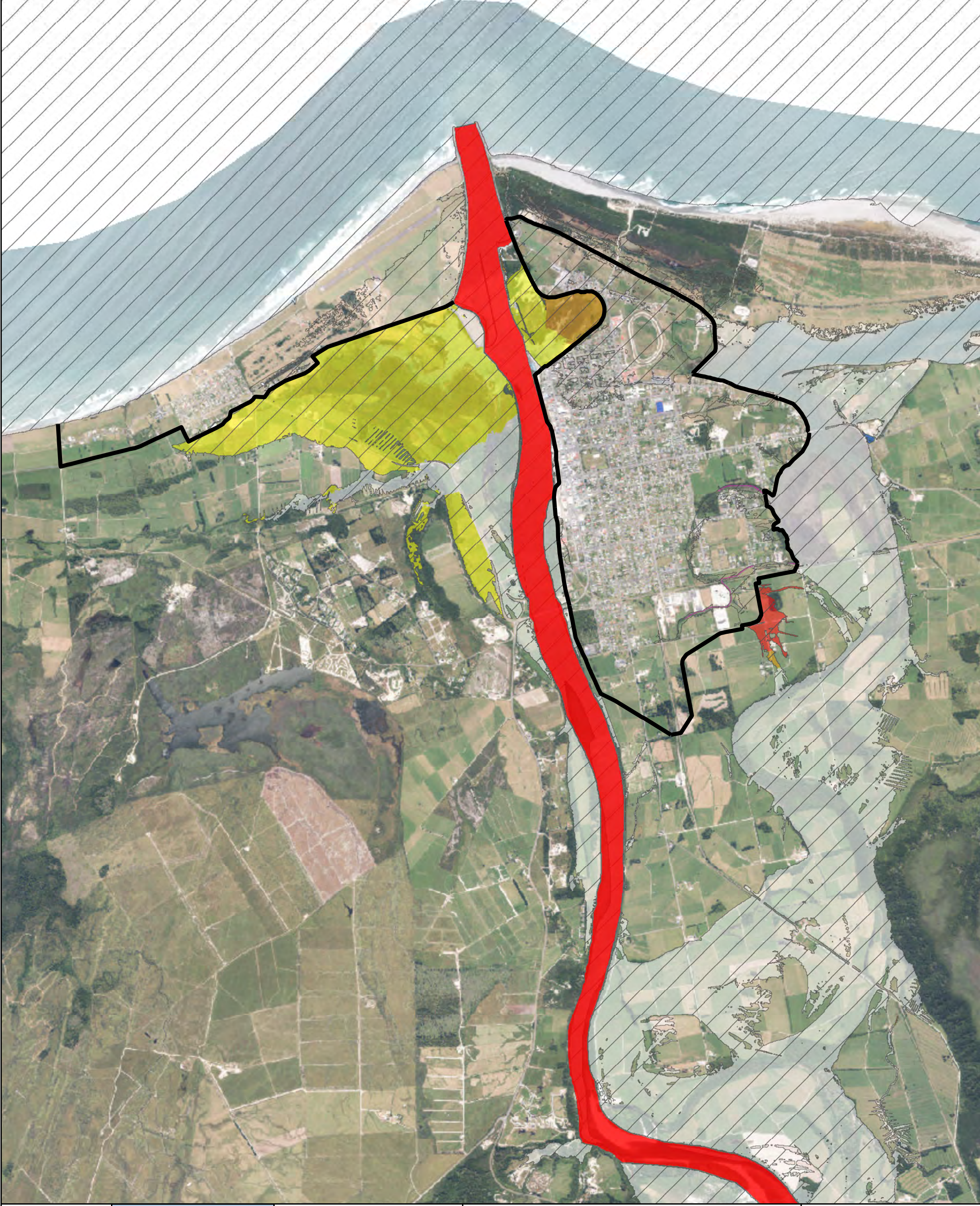
DEPTH DIFFERENCE MAP

OPTION A - 100yr ARI RCP6 (Future Climate)
Inland Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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MAP (1 of 1)

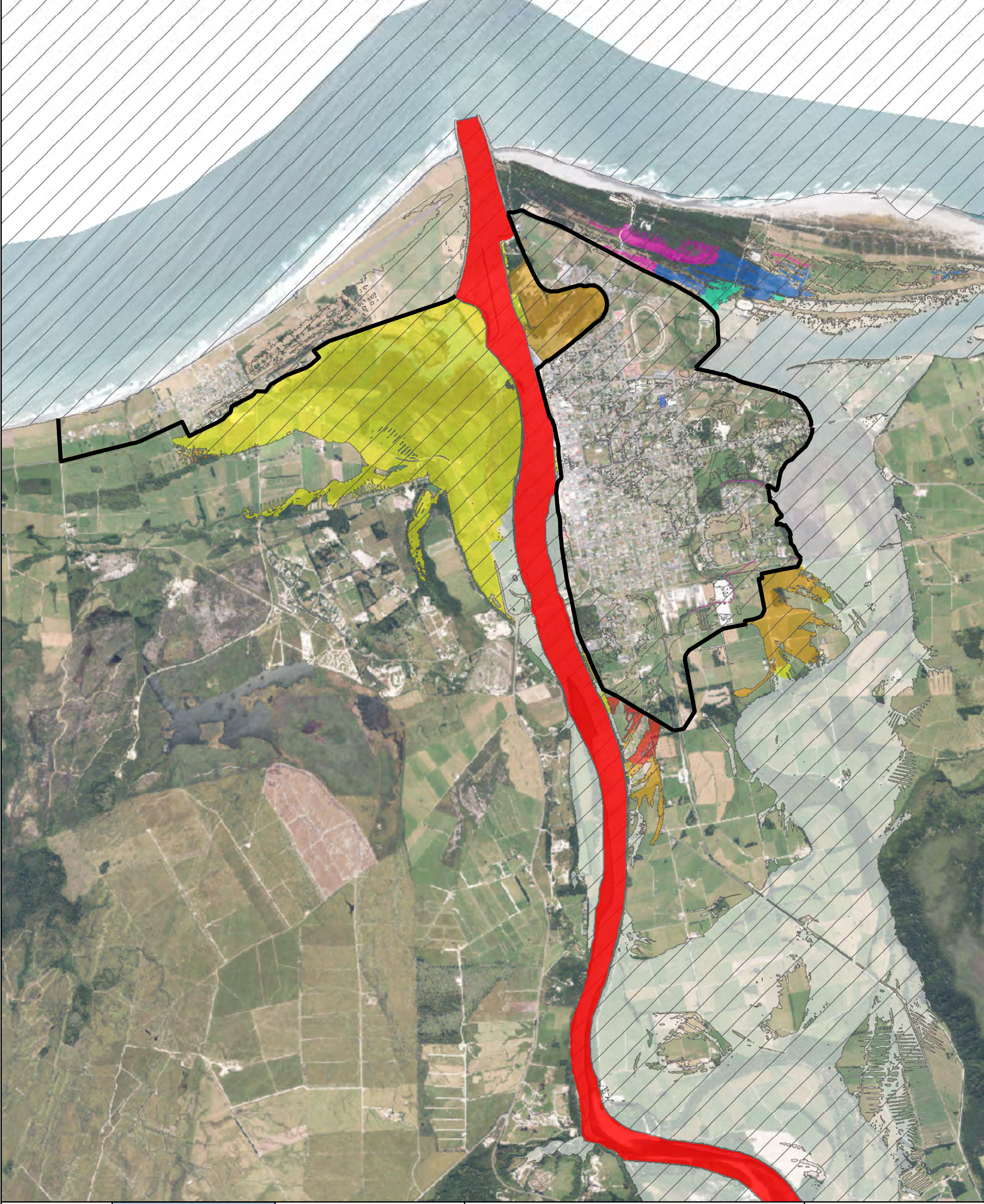
PROJECT
Buller River Flood Modelling

DEPTH DIFFERENCE MAP
OPTION B - 20yr ARI (Historic Climate)
Inland Ringbank (reduced area) including
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MAP (1 of 1)

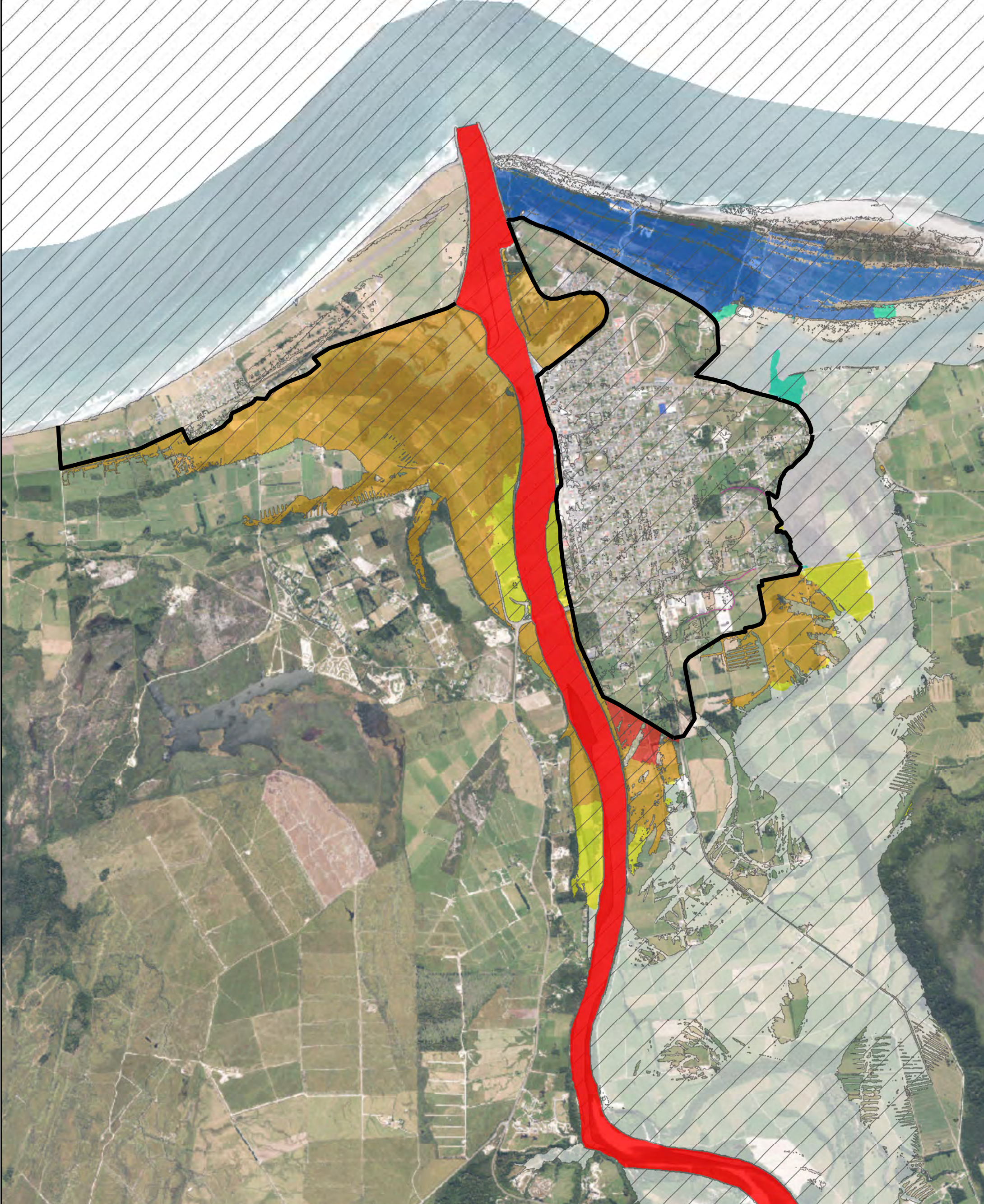
PROJECT
Buller River Flood Modelling

DEPTH DIFFERENCE MAP
OPTION B - 50yr ARI (Historic Climate)
Inland Ringbank (reduced area) including
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A3 SCALE **1:30,000**

MAP (1 of 1)

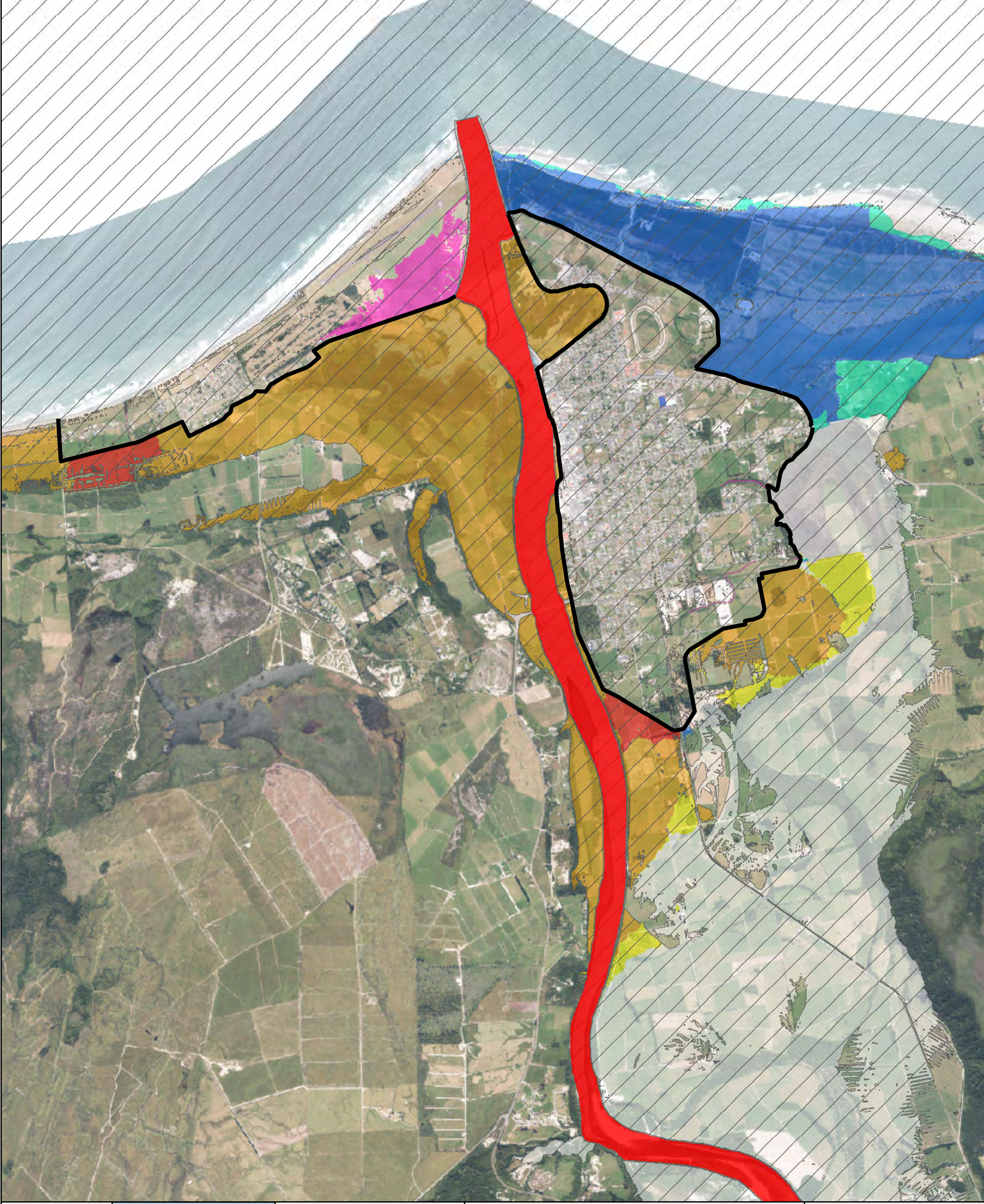
PROJECT
Buller River Flood Modelling

DEPTH DIFFERENCE MAP
OPTION B - 100yr ARI (Historic Climate)
Inland Ringbank (reduced area) including
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REVISION	01	Created By	BS	Reviewed By	MG	
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A3 SCALE **1:30,000**

MAP (1 of 1)

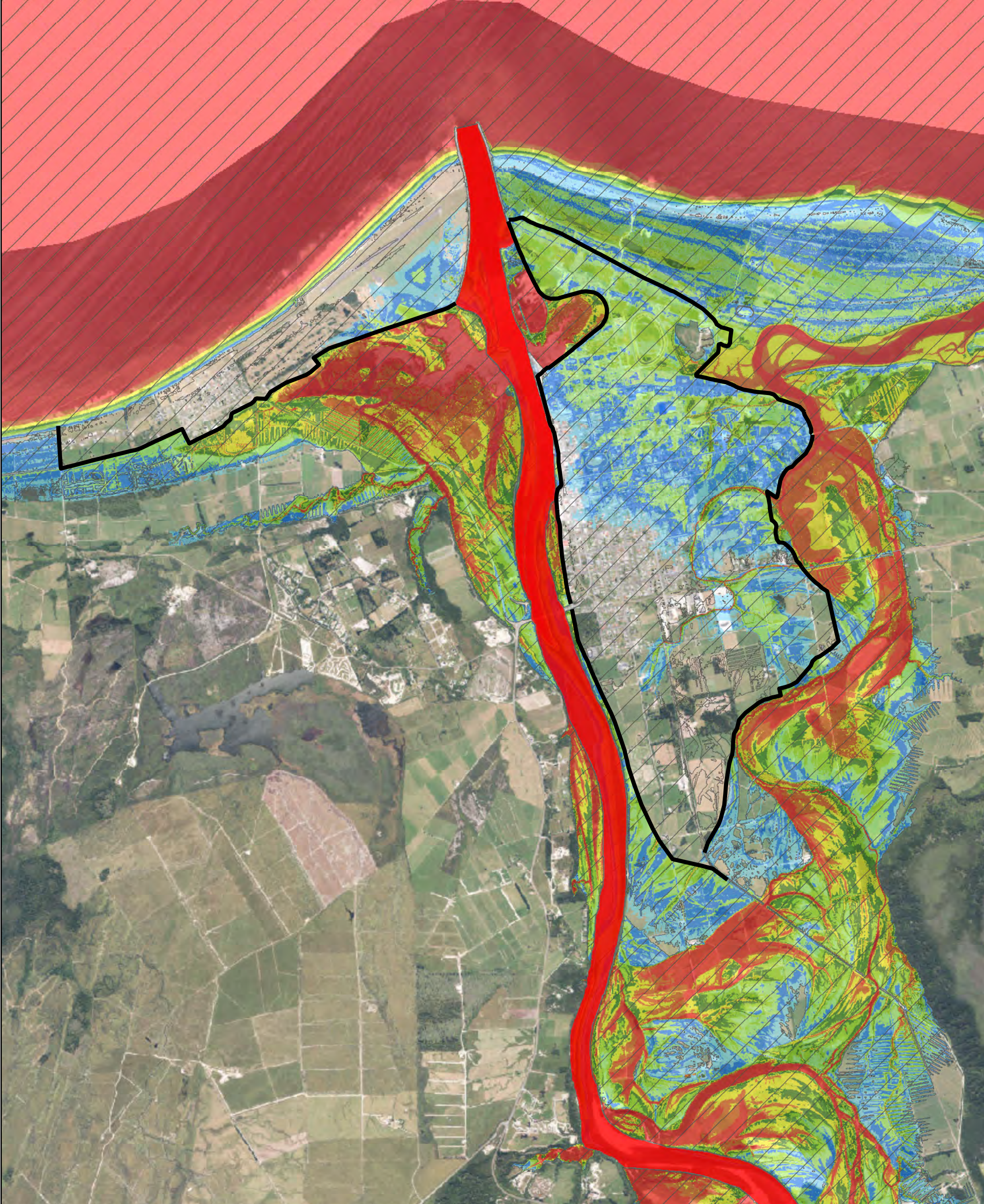
PROJECT
Buller River Flood Modelling

DEPTH DIFFERENCE MAP
OPTION B - 100yr ARI RCP6 (Future Climate) Inland Ringbank (reduced area) including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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THE WEST COAST
REGIONAL COUNCIL

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A3 SCALE **1:30,000**

MAP (1 of 1)

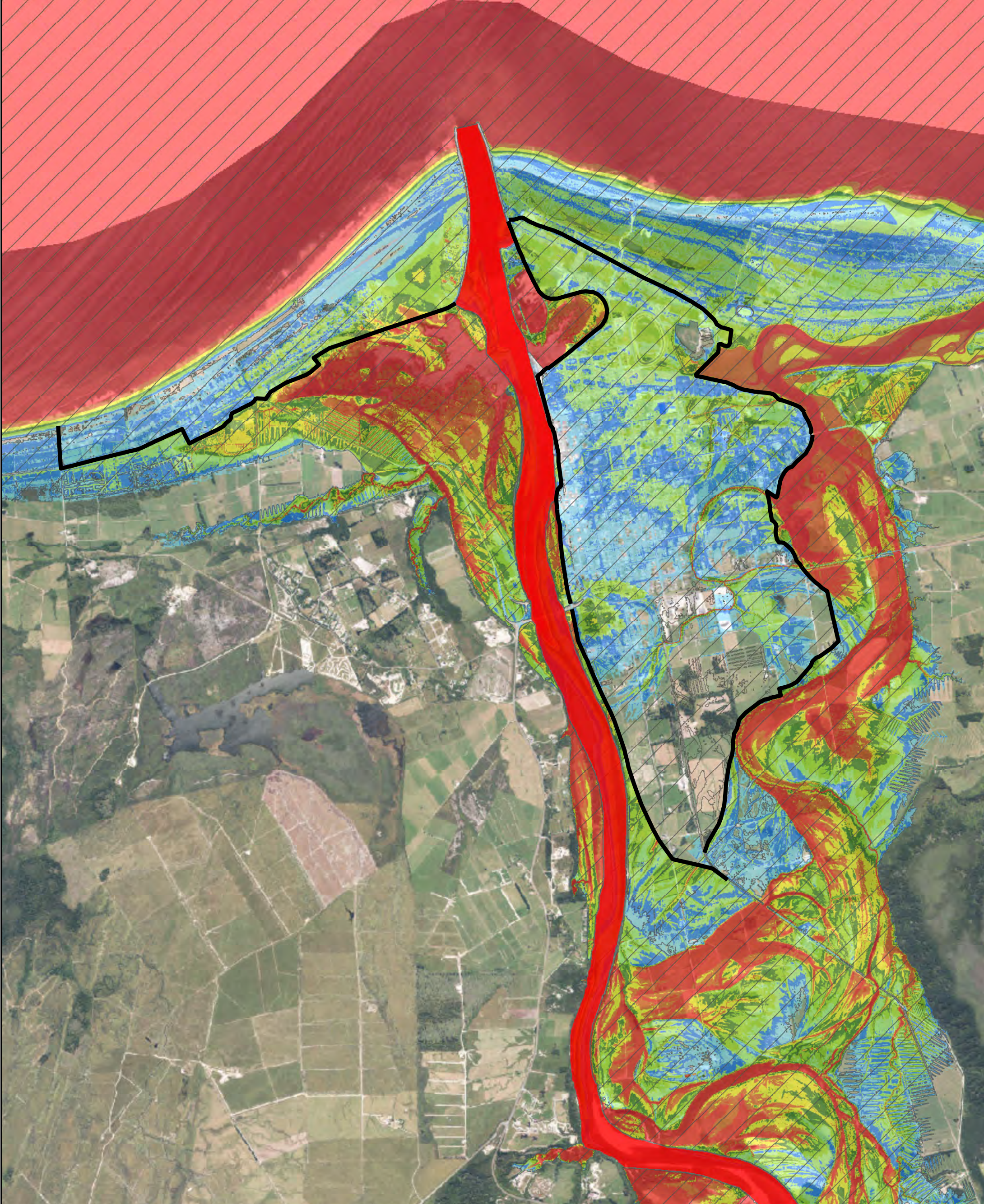
PROJECT
Buller River Flood Modelling

PEAK DEPTH MAP
OPTION A
100yr ARI RCP6 (Future Climate) Overdesign
Partial Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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THE WEST COAST
REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE 1:30,000

MAP (1 of 1)

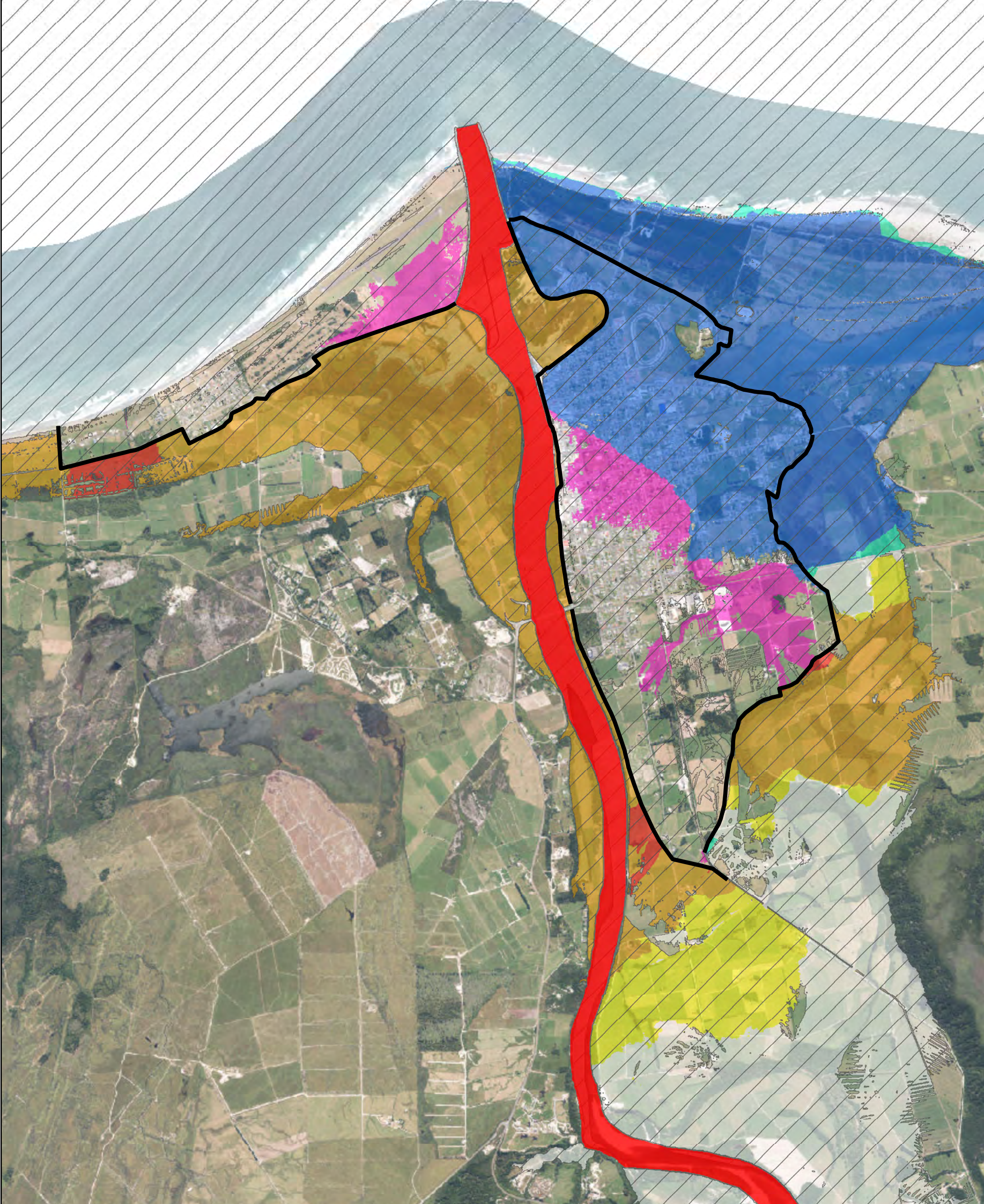
PROJECT
Buller River Flood Modelling

PEAK DEPTH MAP
OPTION A
100yr ARI RCP8.5 (Future Climate) Overdesign
Partial Ringbank including Carter's beach

REVISION	01	Created By	BS	Reviewed By	MG	
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Legend

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- Base Extent

Change in Peak Depth (m)

- <-0.5
- 0.5 to -0.1
- 0.1 to -0.05
- 0.05 to 0.05
- 0.05 to 0.1
- 0.1 to 0.5
- >0.5



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THE WEST COAST
REGIONAL COUNCIL

0 375 750 1,500
Meters

A3 SCALE **1:30,000**

MAP (1 of 1)

PROJECT
Buller River Flood Modelling

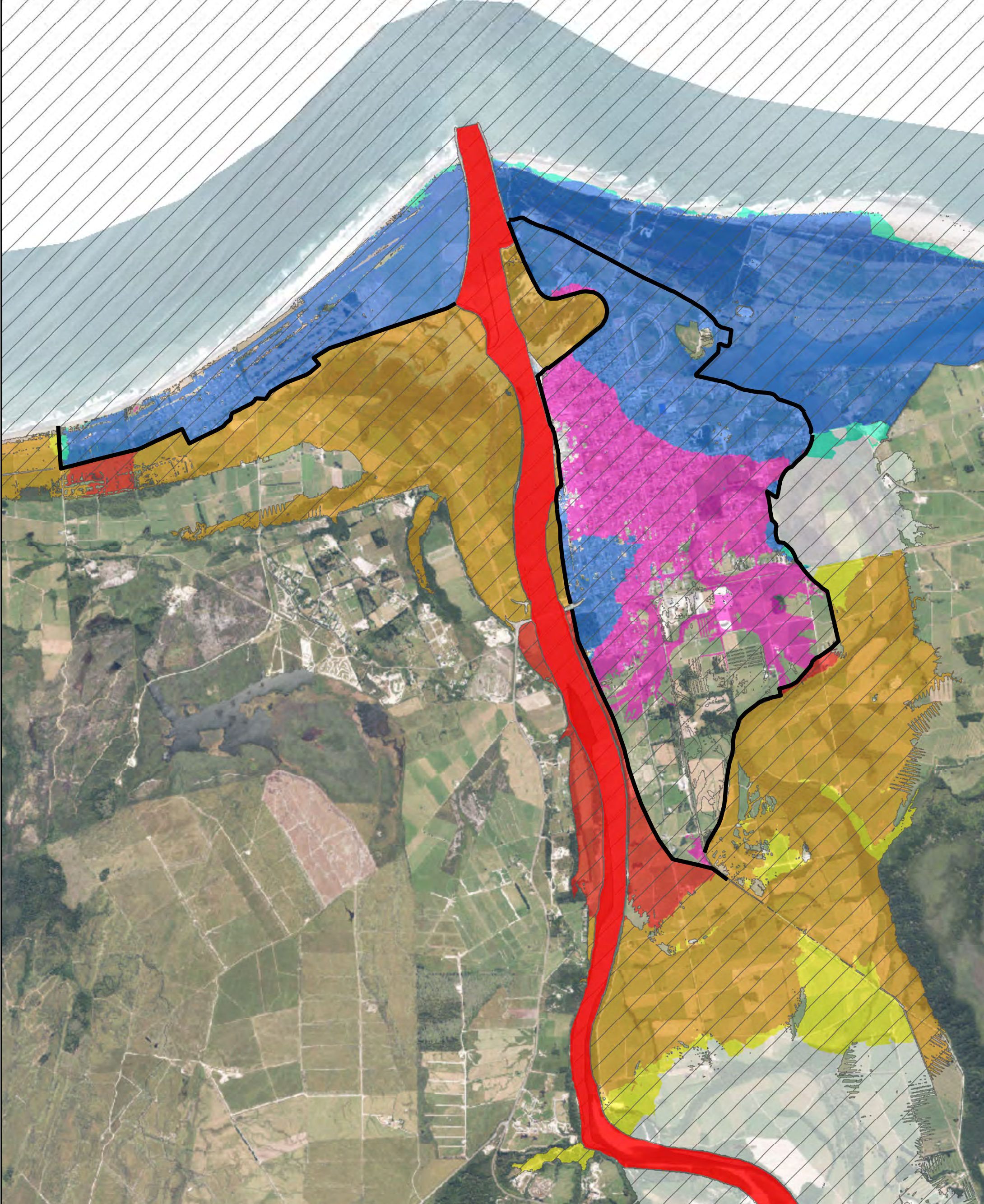
DEPTH DIFFERENCE MAP

OPTION A
**100yr ARI RCP6 (Future Climate) Overdesign
Partial Ringbank including Carter's beach**

REVISION	01	Created By	BS	Reviewed By	MG	
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- Legend**
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 - 0.5 to -0.1
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 - 0.05 to 0.1
 - 0.1 to 0.5
 - >0.5



0 375 750 1,500
Meters

A3 SCALE 1:30,000
MAP (1 of 1)

PROJECT
Buller River Flood Modelling

DEPTH DIFFERENCE MAP

OPTION A
**100yr ARI RCP8.5 (Future Climate) Overdesign
Partial Ringbank including Carter's beach**

REVISION	01	Created By	BS	Reviewed By	MG	 N
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Model Information
 Coordinate System: New Zealand Transverse Mercator
 Vertical Datum: NZVD2016
 Model Completed: March 2022

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