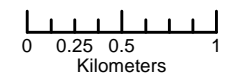






## Legend

 Stop bank



Copyright:  
This work is licensed under  
the Creative Commons Attribution  
-NonCommercial 4.0  
International License.  
To view a copy of this license, visit  
<http://creativecommons.org/>

PROJECT  
**Buller River Flood Modelling**

MAP TITLE  
**Option 1 - Extensive ring bank including Carter's  
beach and Snodgrass banks**

REVISION  
**01**

DATE  
**11/05/ 2022**

A4 SCALE  
**1:40,000**

AUTHOR  
**Matthew Gardner**

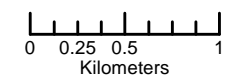






## Legend

 Stop bank



Copyright:  
 This work is licensed under  
 the Creative Commons Attribution  
 -NonCommercial 4.0  
 International License.  
 To view a copy of this license, visit  
<http://creativecommons.org/>

**PROJECT**  
**Buller River Flood Modelling**

**MAP TITLE**  
**Option 2 - Extensive ring bank including Carter's beach excluding Snodgrass banks**

**REVISION**  
**01**  
**A4 SCALE**  
**1:40,000**

**DATE**  
**11/05/ 2022**  
**AUTHOR**  
**Matthew Gardner**

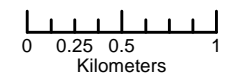






## Legend

 Stop bank



Copyright:  
 This work is licensed under  
 the Creative Commons Attribution  
 -NonCommercial 4.0  
 International License.  
 To view a copy of this license, visit  
<http://creativecommons.org/>

PROJECT  
**Buller River Flood Modelling**

MAP TITLE  
**Option 3 - Inland ring bank including Carter's beach  
 and Snodgrass banks**

REVISION  
**01**  
 A4 SCALE  
**1:40,000**



DATE  
**11/05/ 2022**  
 AUTHOR  
**Matthew Gardner**

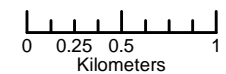






## Legend

-  Stop bank
-  Orowaiti Causeway



Copyright:  
This work is licensed under  
the Creative Commons Attribution  
-NonCommercial 4.0  
International License.  
To view a copy of this license, visit  
<http://creativecommons.org/>

PROJECT  
**Buller River Flood Modelling**

MAP TITLE  
**Option 4 - Extensive Ringbank including  
Carter's beach and Snodgrass  
Remove Orowaiti Causeway**

REVISION  
**01**

DATE  
**24/05/ 2022**

A4 SCALE  
**1:40,000**



AUTHOR  
**Matthew Gardner**

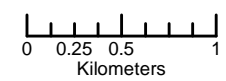






### Legend

-  Stop bank
-  Railway opening



Copyright:  
 This work is licensed under  
 the Creative Commons Attribution  
 -NonCommercial 4.0  
 International License.  
 To view a copy of this license, visit  
<http://creativecommons.org/>

**PROJECT**  
**Buller River Flood Modelling**

**MAP TITLE**  
**Option 5 - Extensive Ringbank including  
 Carter's beach and Snodgrass  
 Stephen Rd Railway opening**

**REVISION**  
**01**  
**A4 SCALE**  
**1:40,000**

**DATE**  
**24/05/ 2022**  
**AUTHOR**  
**Matthew Gardner**

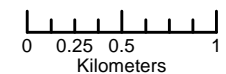






## Legend

 Stop bank



Copyright:  
 This work is licensed under  
 the Creative Commons Attribution  
 -NonCommercial 4.0  
 International License.  
 To view a copy of this license, visit  
<http://creativecommons.org/>

PROJECT  
**Buller River Flood Modelling**

MAP TITLE  
**Option 6 - Extensive ring bank including Carters  
 Bank extended to airport Snodgrass cut**

REVISION  
**01**  
 A4 SCALE  
**1:40,000**

DATE  
**11/05/ 2022**  
 AUTHOR  
**Matthew Gardner**

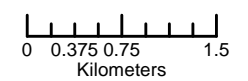






### Legend

- Stop bank
- River Channel



Copyright:  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/>

**PROJECT**  
**Buller River Flood Modelling**

**MAP TITLE**  
**Option 7 - Extensive ring bank Organ's Island Revegetation**

**REVISION**  
**01**  
**A4 SCALE**  
**1:60,000**

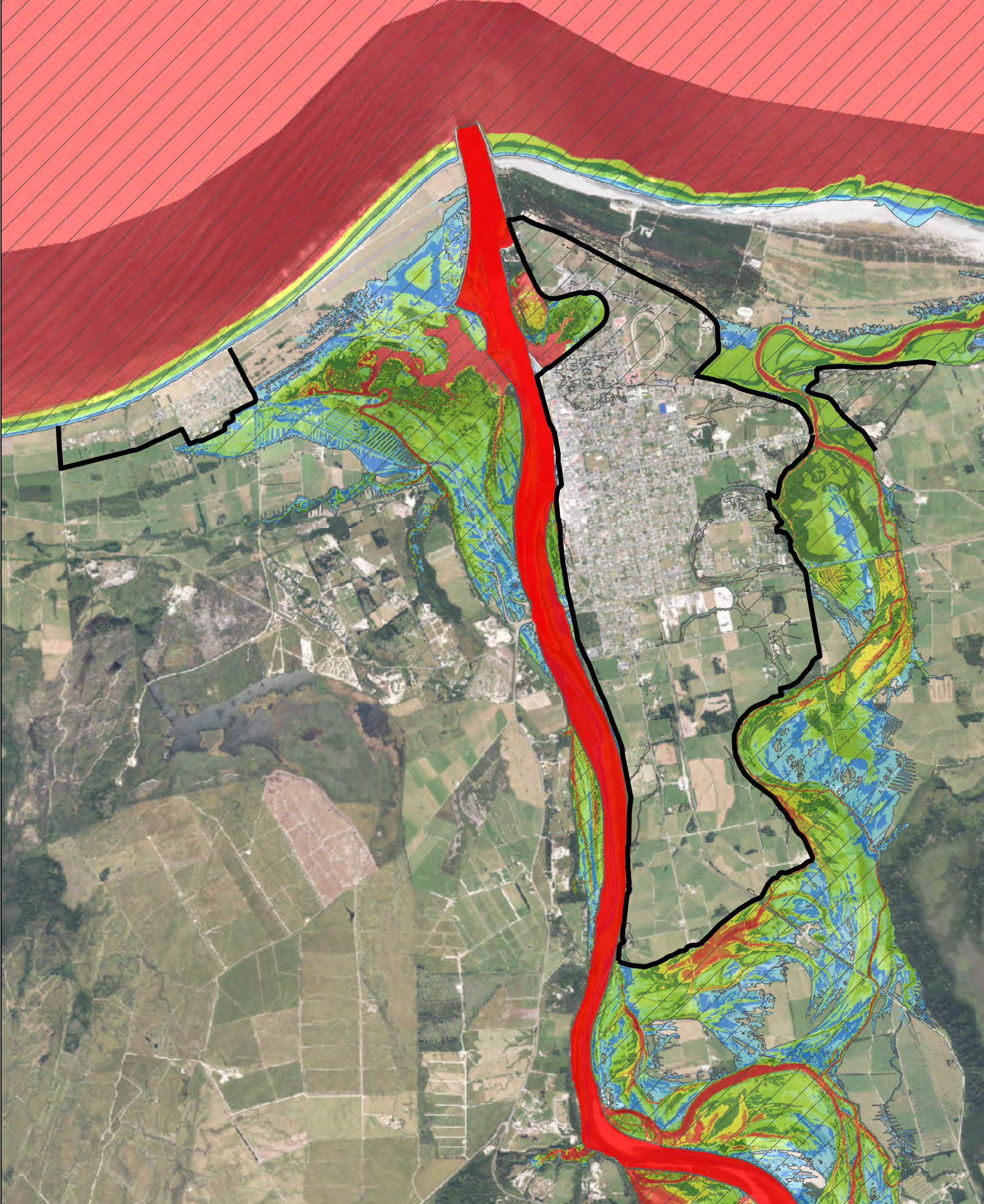
**DATE**  
**11/05/ 2022**  
**AUTHOR**  
**Matthew Gardner**











**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**

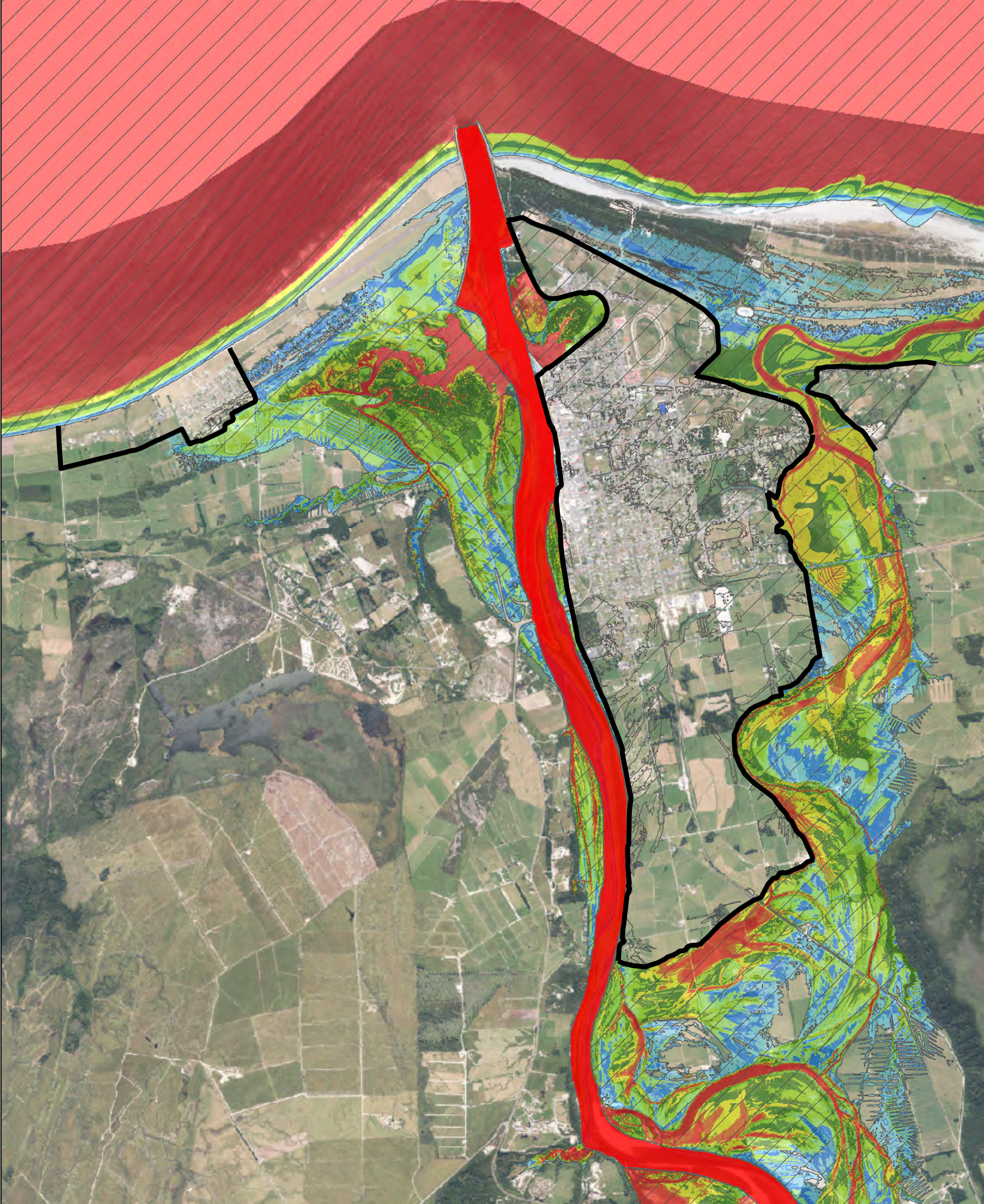
**PEAK DEPTH MAP**  
**OPTION 1 - 20yr ARI**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**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**

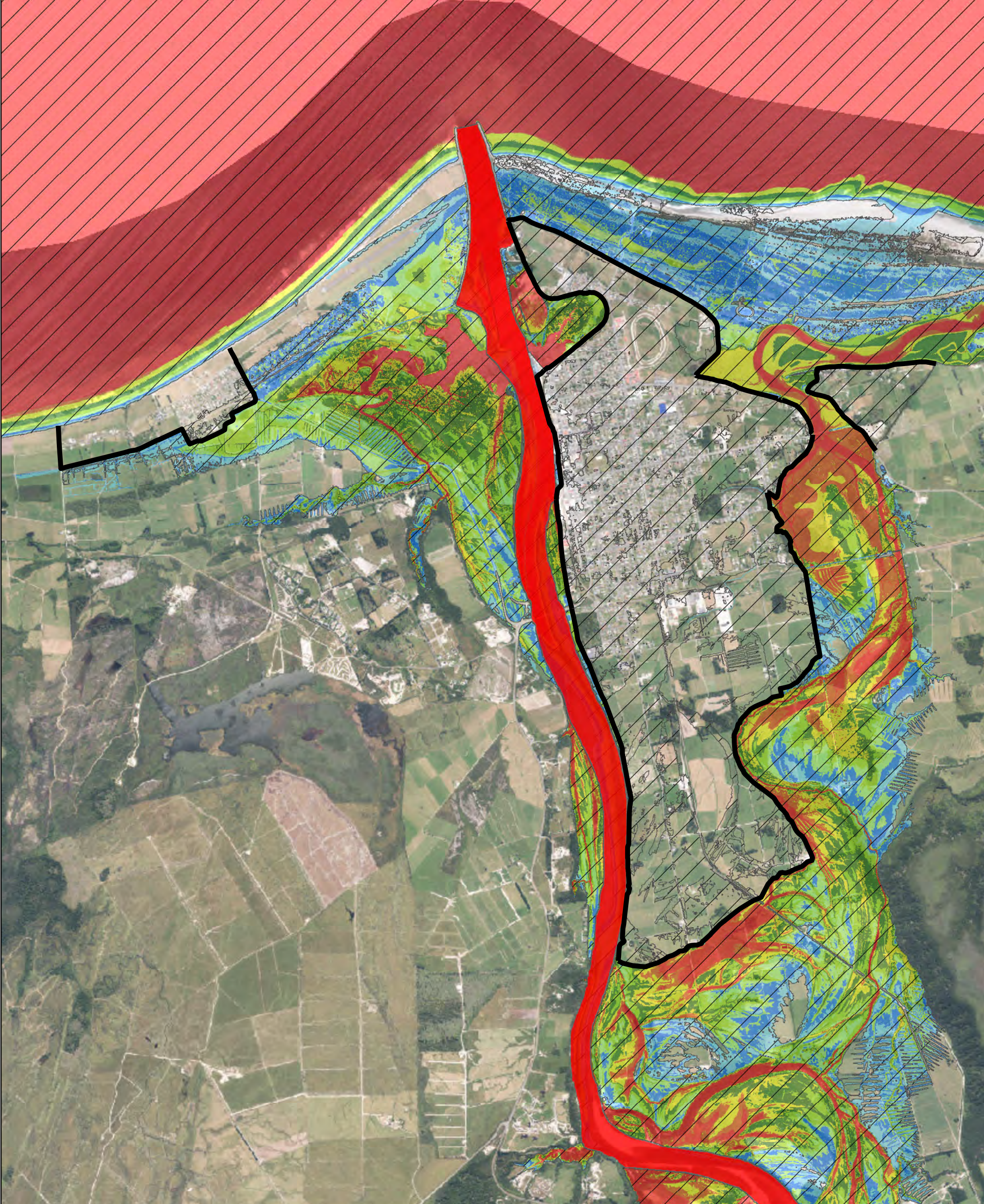
**PEAK DEPTH MAP**  
**OPTION 1 - 50yr ARI**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**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**

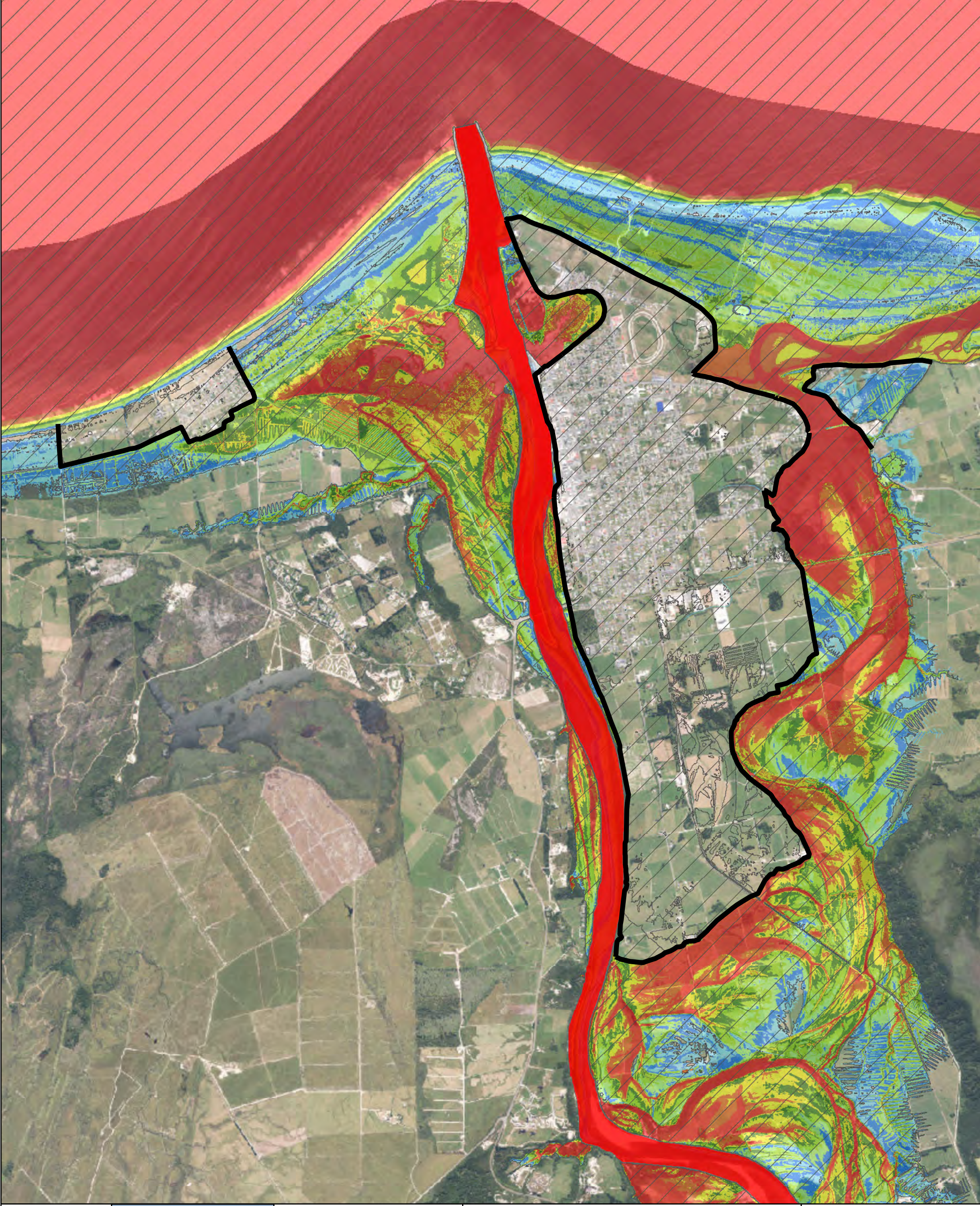
**PEAK DEPTH MAP**  
**OPTION 1 - 100yr ARI**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**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**

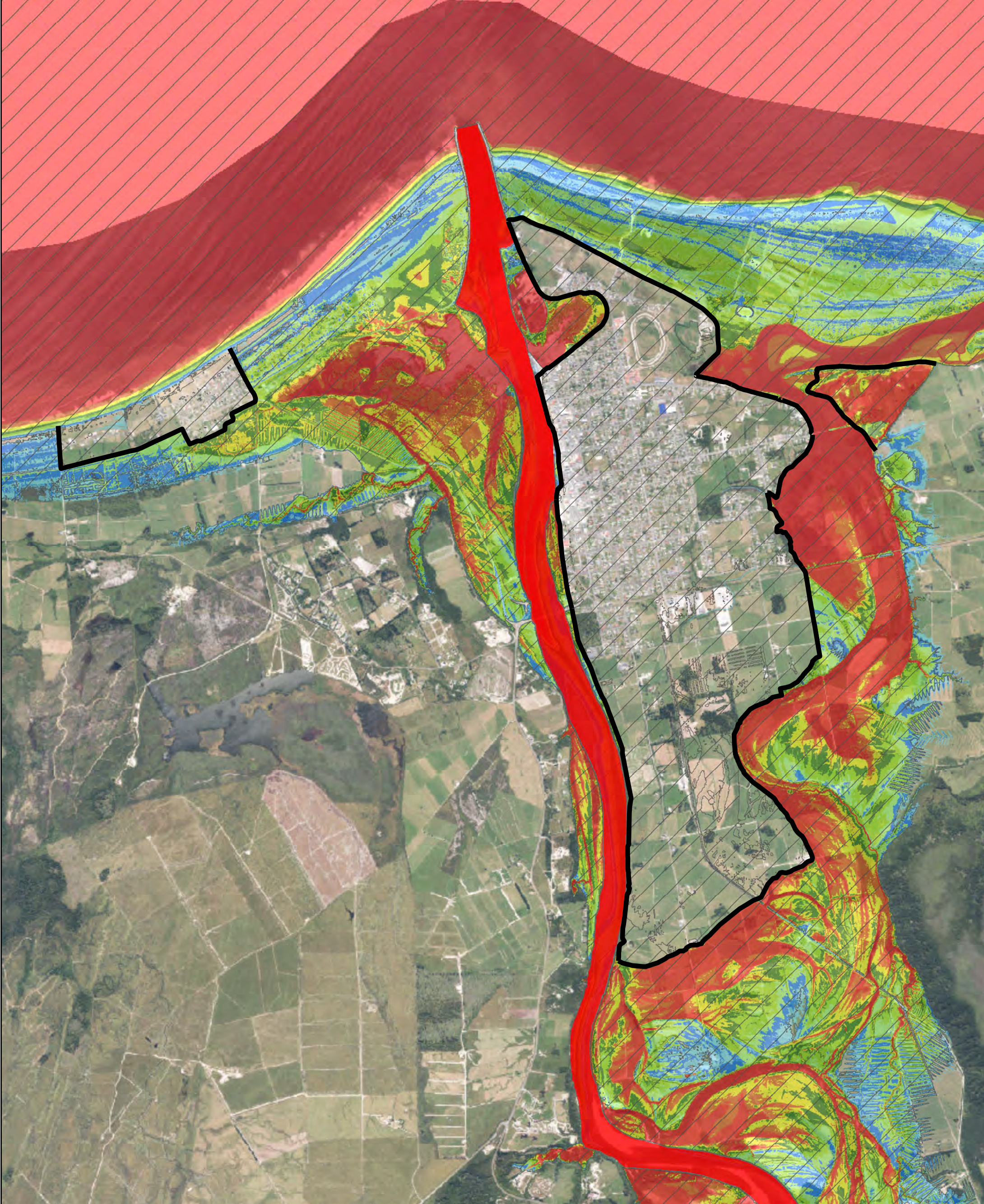
**PEAK DEPTH MAP**  
**OPTION 1 - 100yr ARI RCP6**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	21/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

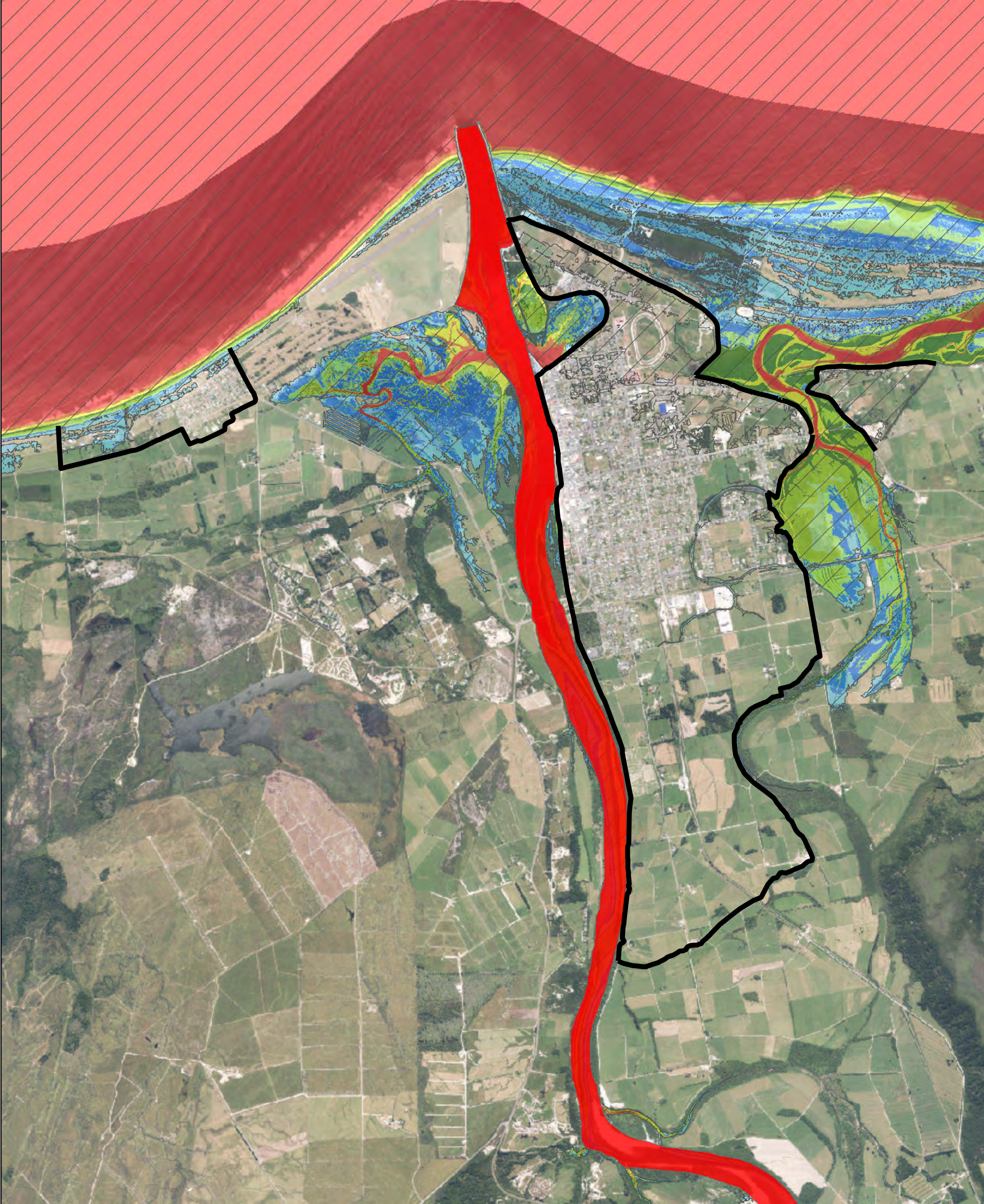
**PEAK DEPTH MAP**  
**OPTION 1 - 100yr ARI RCP 8.5**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	14/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

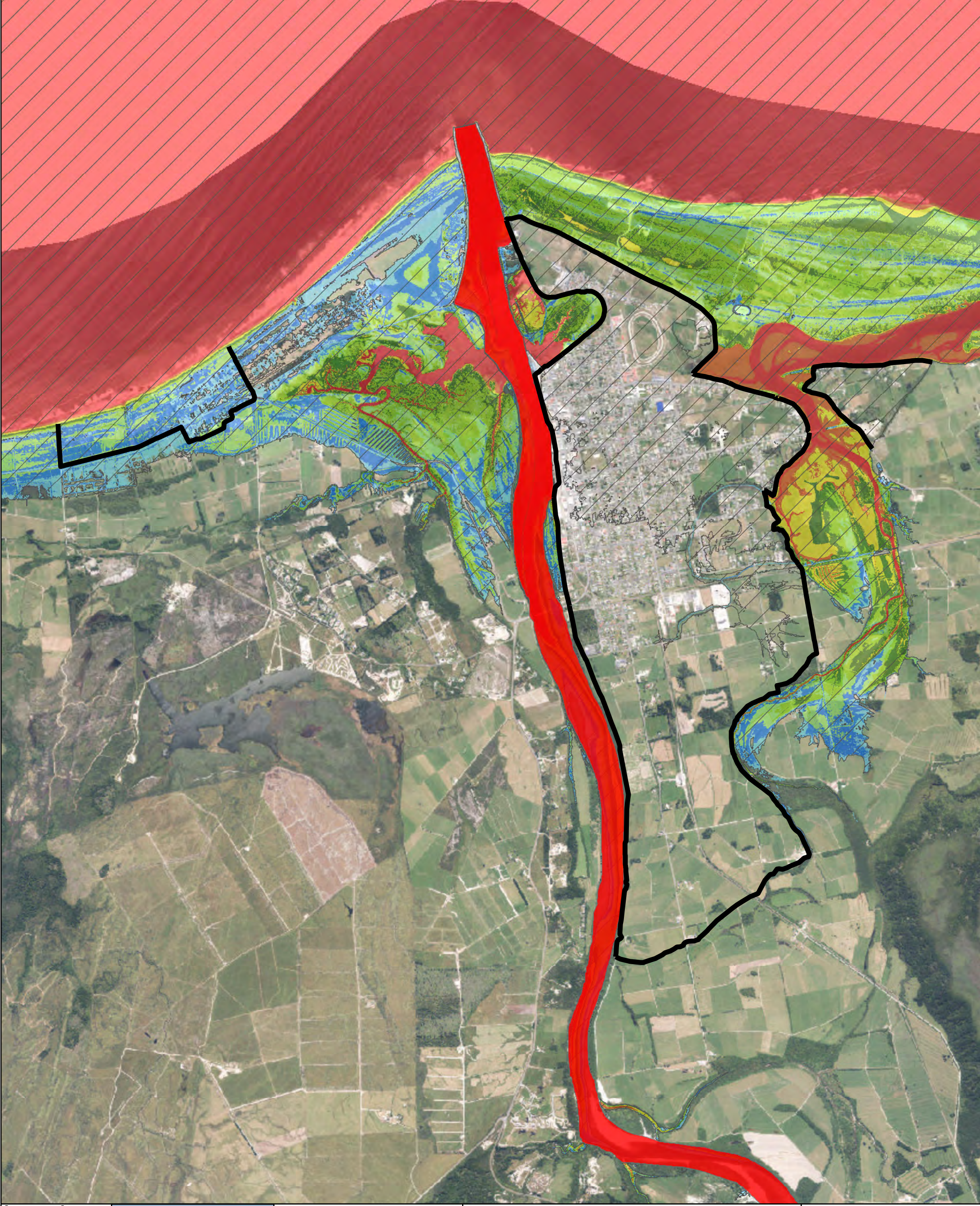
**OPTION 1 - 100yr ARI Coastal storm**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	12/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

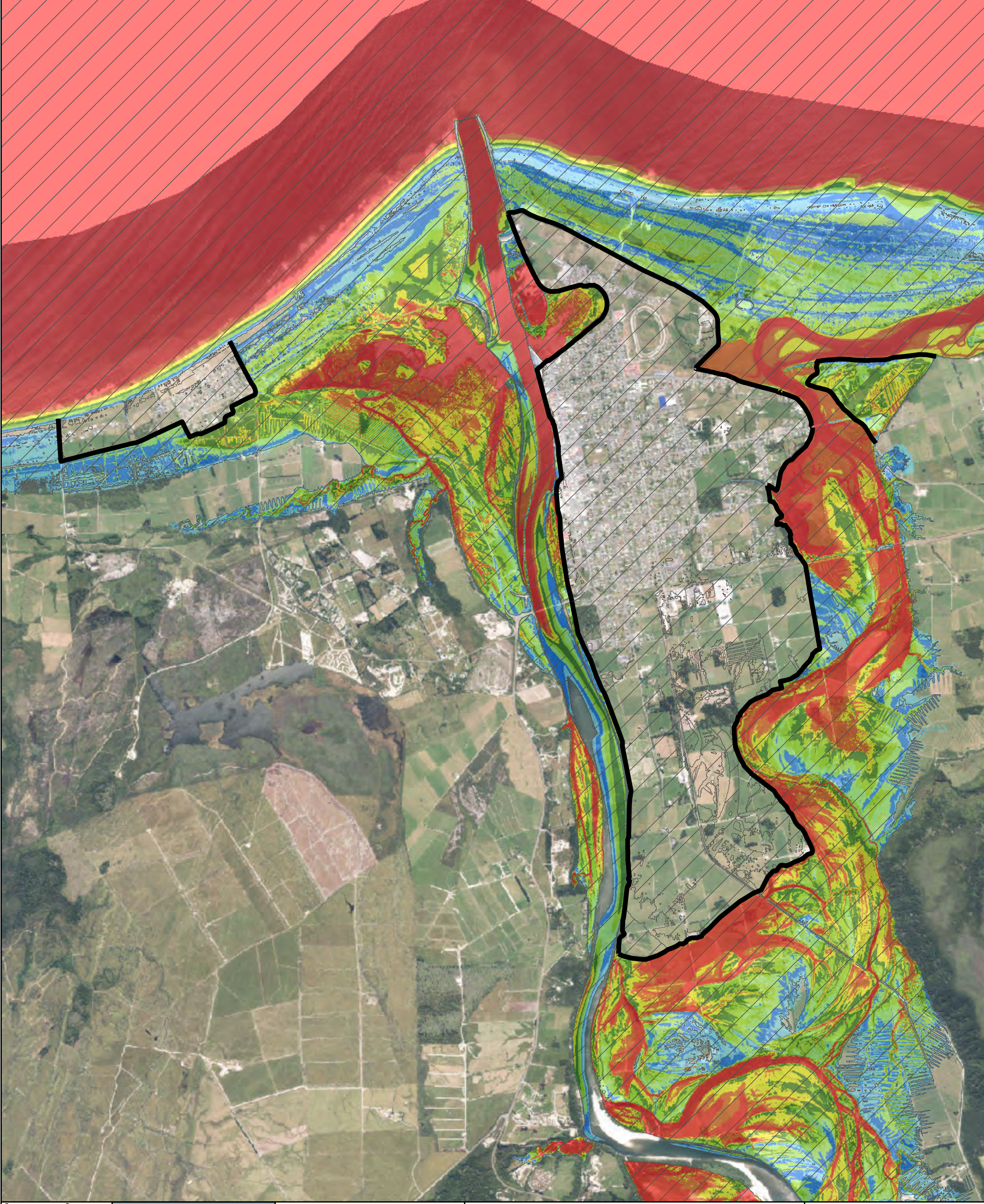
**OPTION 1 - 100yr ARI RCP6 Coastal storm**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	12/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

Stop bank  
 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**

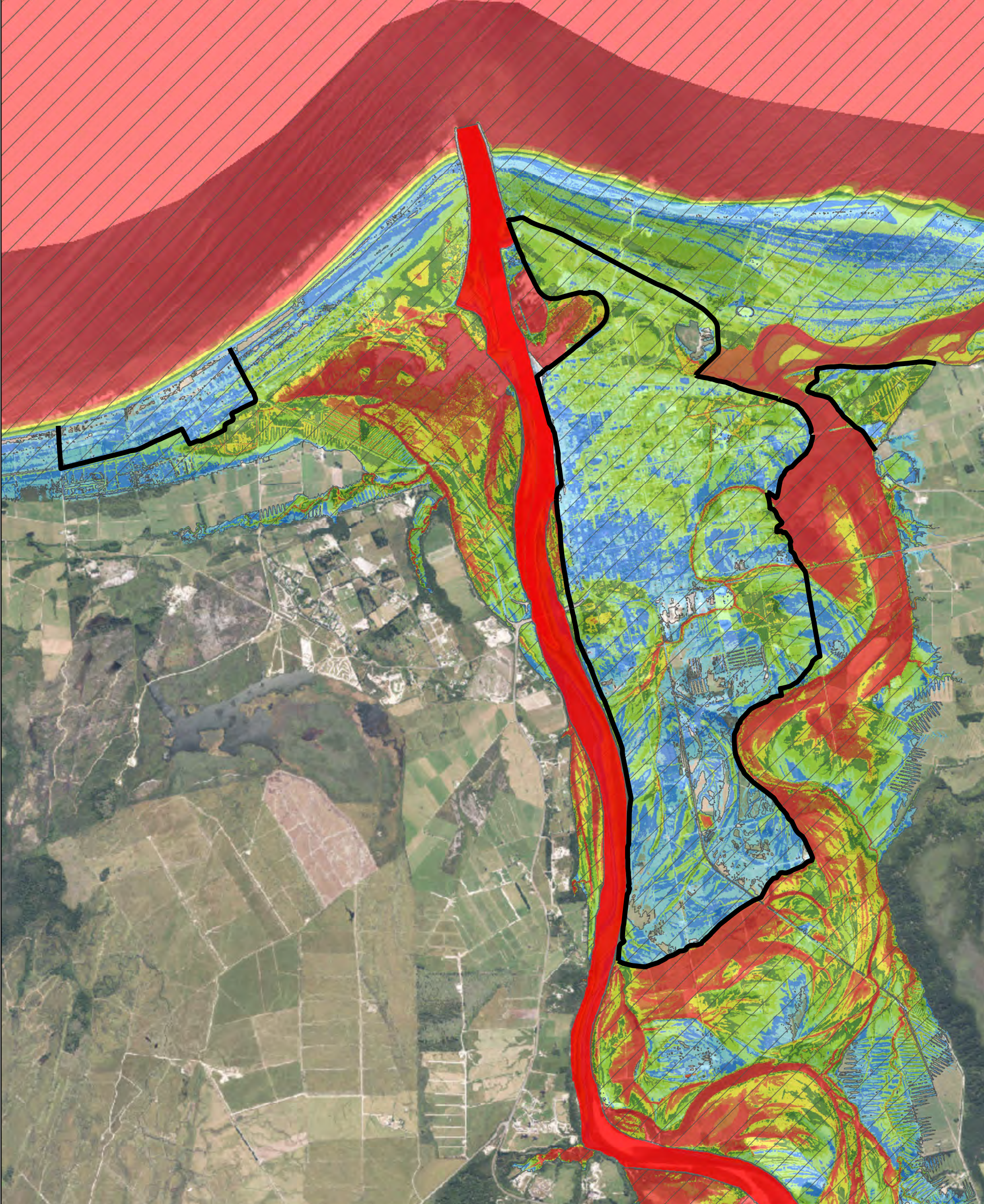
**PEAK DEPTH MAP**  
**OPTION 1 - 100yr ARI RCP 6**  
**Extensive ring bank including Carter's beach and Snodgrass banks with 20yr Crest Level**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	26/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

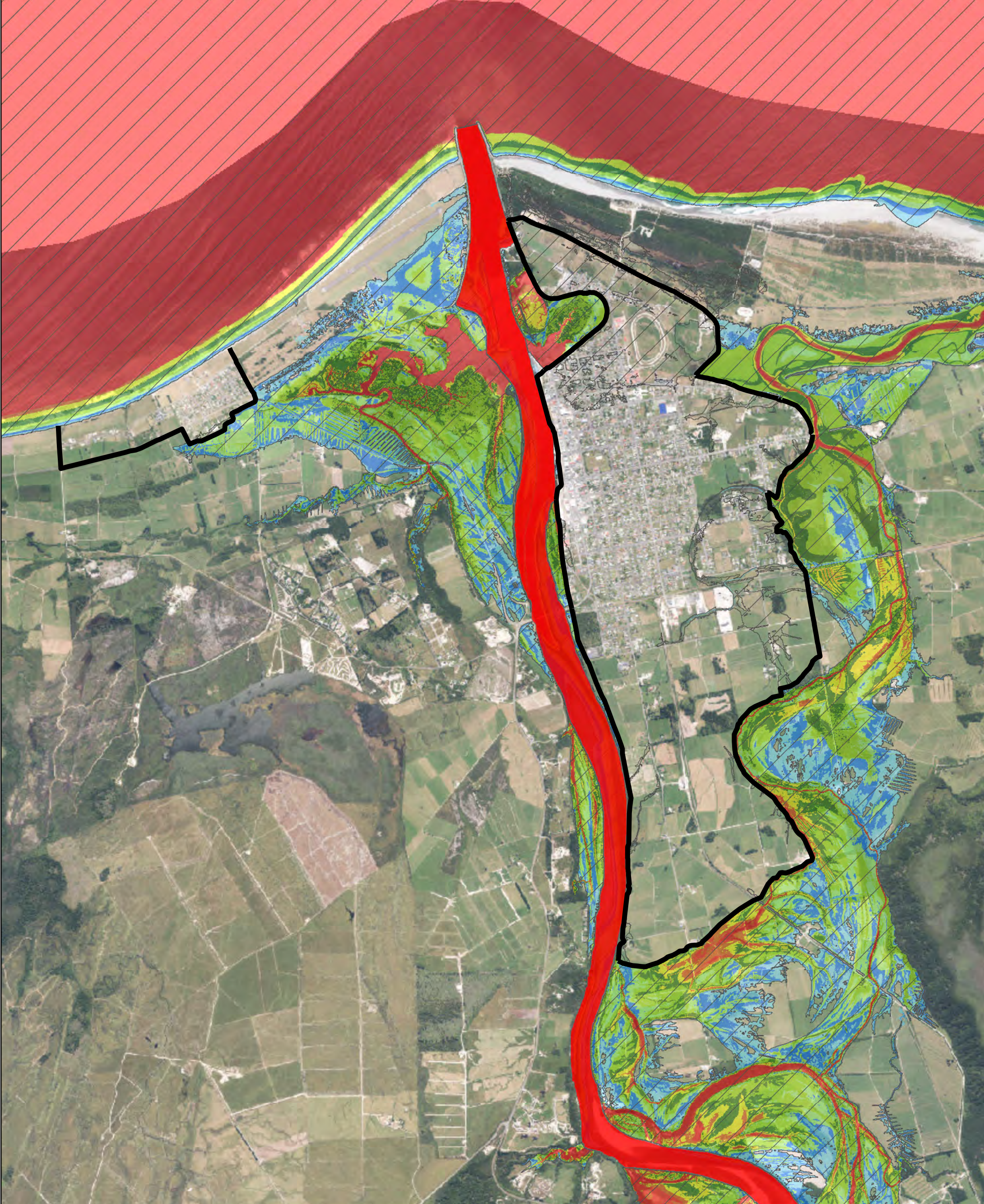
**PEAK DEPTH MAP**  
**OPTION 1 - 100yr ARI RCP 8.5 Overdesign**  
**Extensive ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	14/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>







**Legend**

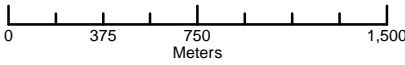
- Stop bank
- 1D River channel
- Base Extent

**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 +






A3 SCALE **1:30,000**

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

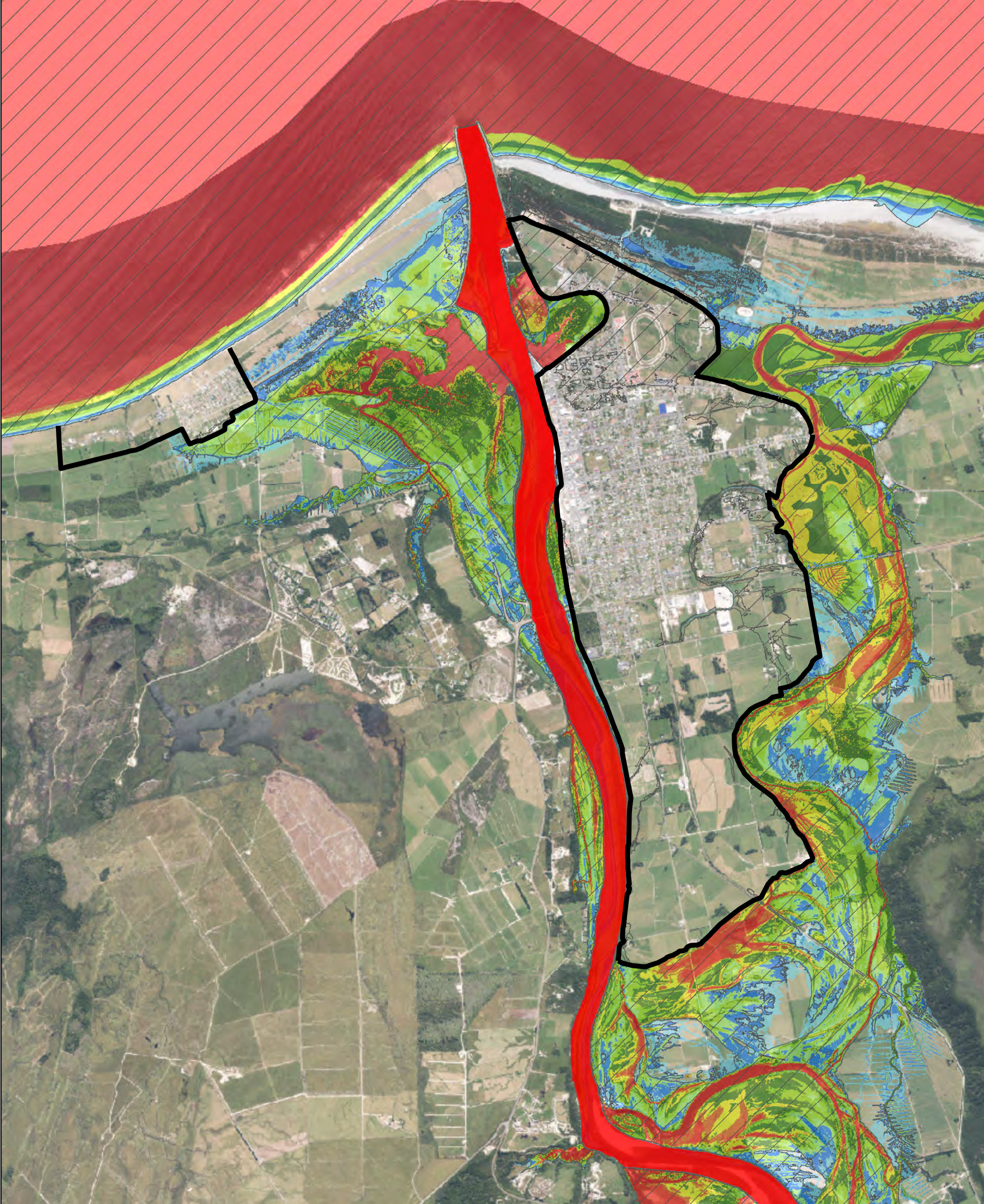
**PEAK DEPTH MAP**  
**OPTION 2 - 20yr ARI**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	27/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

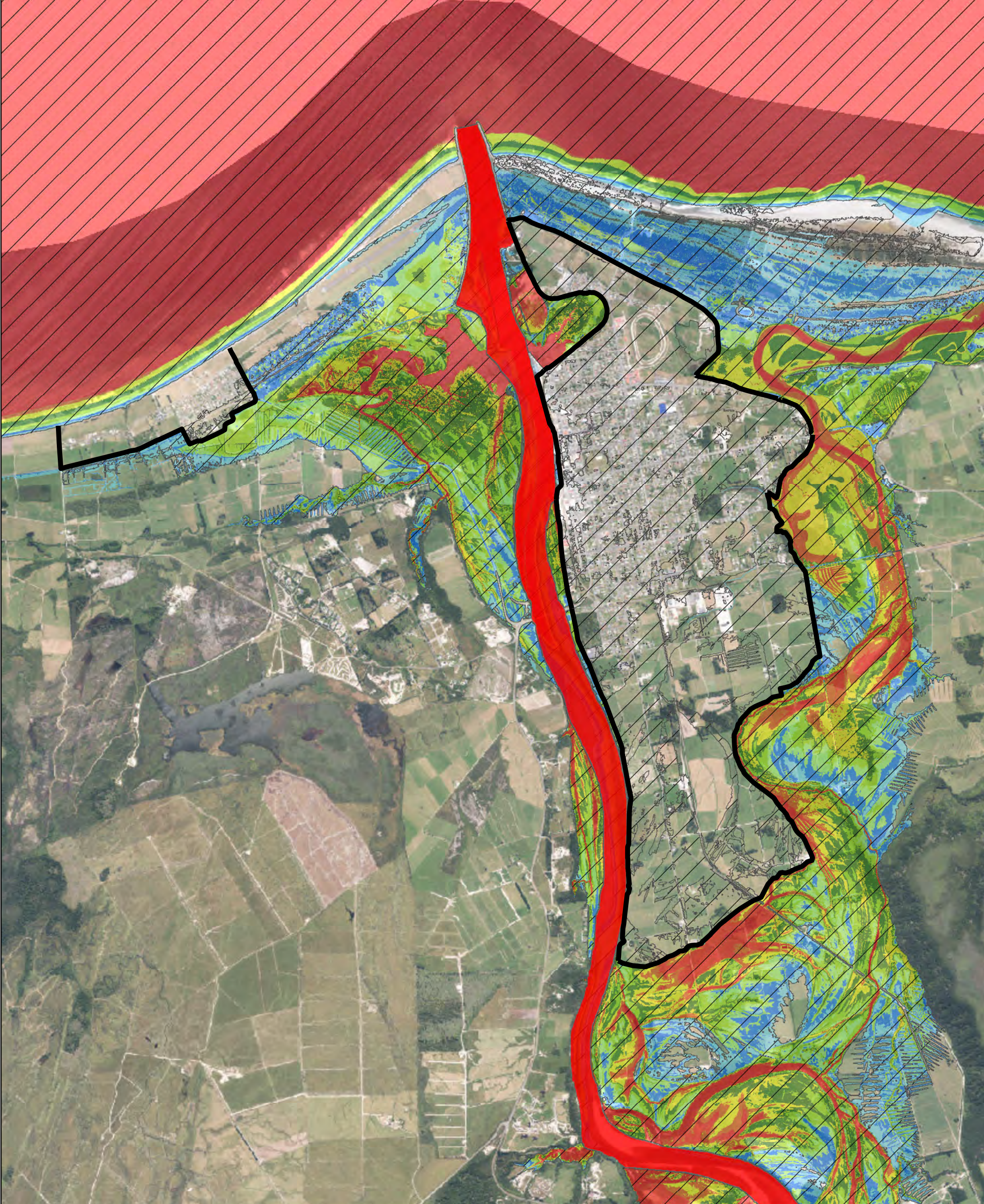
**PEAK DEPTH MAP**  
**OPTION 2 - 50yr ARI**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	27/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**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**

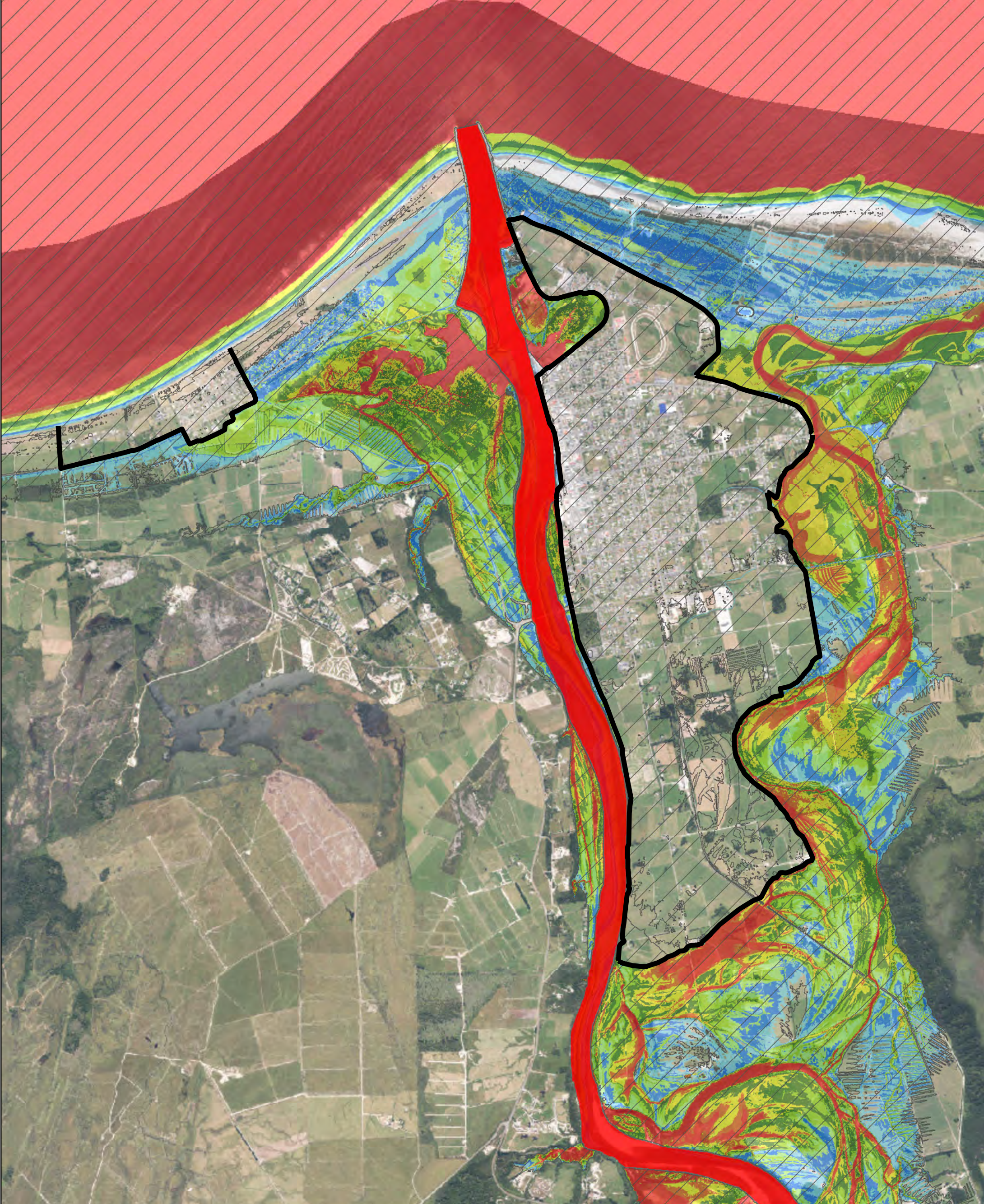
**PEAK DEPTH MAP**  
**OPTION 2 - 100yr ARI**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**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

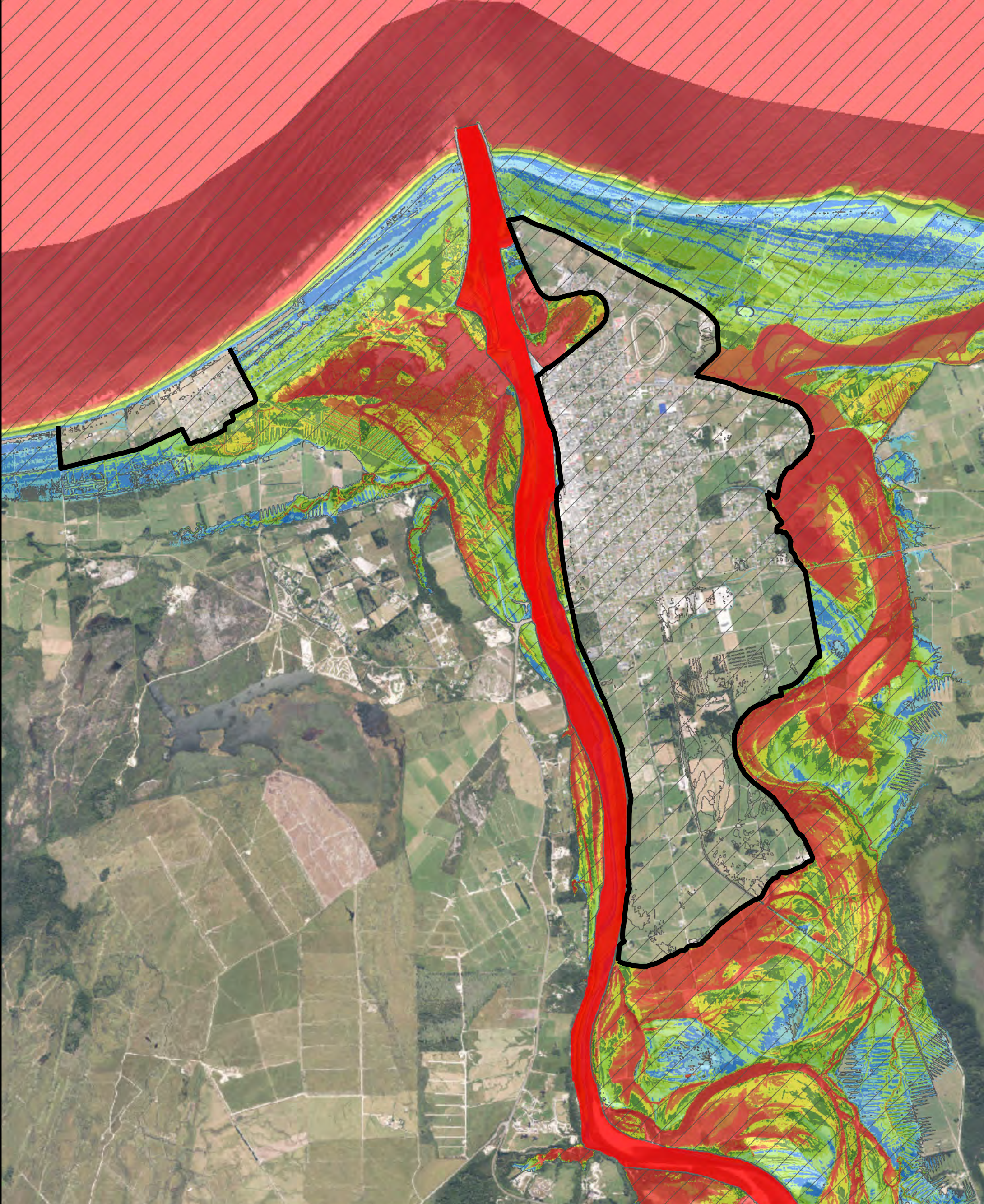
**PEAK DEPTH MAP**  
OPTION 2 - 100yr ARI RCP6  
Extensive ring bank including  
Carter's beach excluding Snodgrass banks

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	21/03/2022		

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

**Copyright:**  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

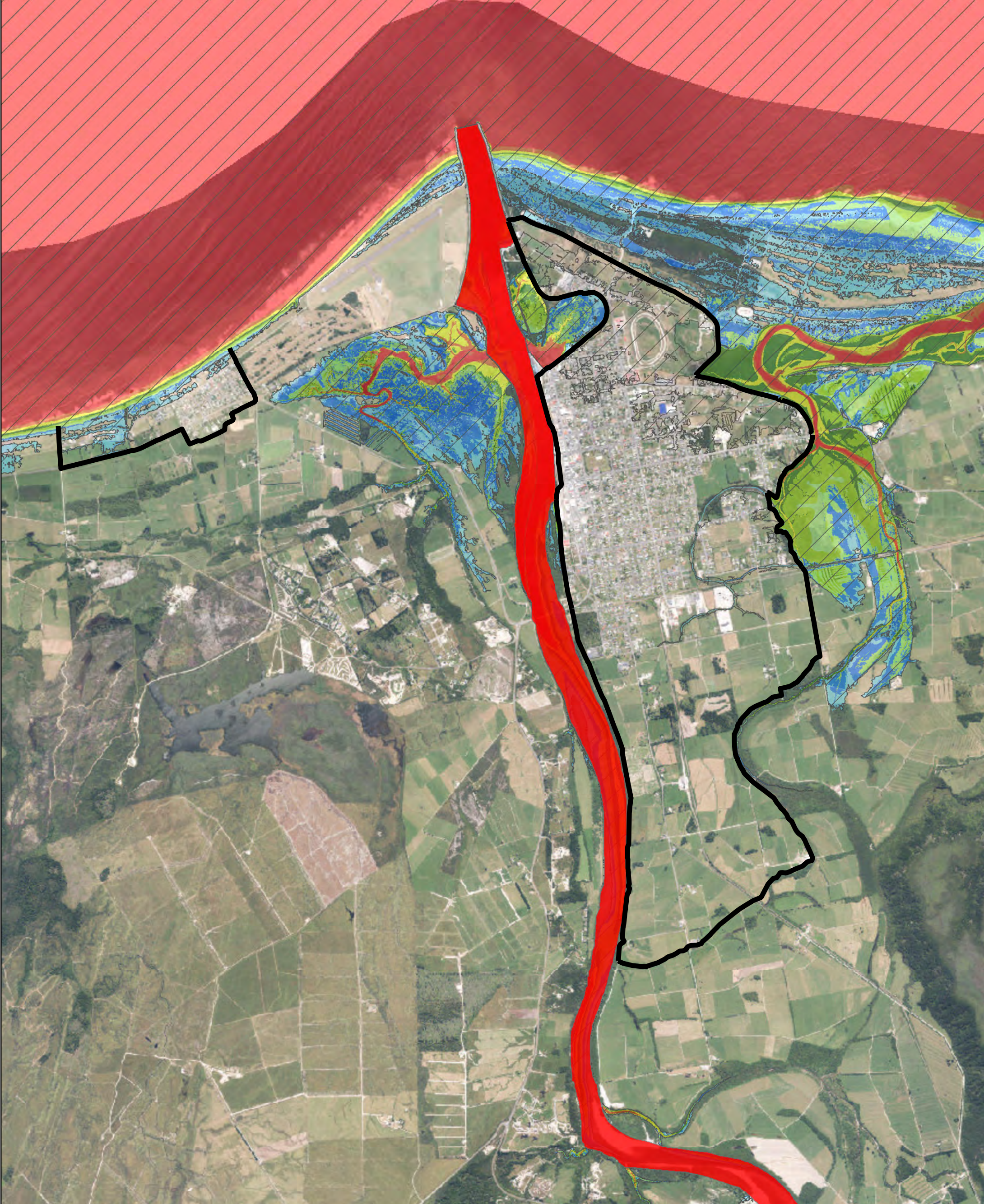
**PEAK DEPTH MAP**  
**OPTION 2 - 100yr ARI RCP 8.5**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	19/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

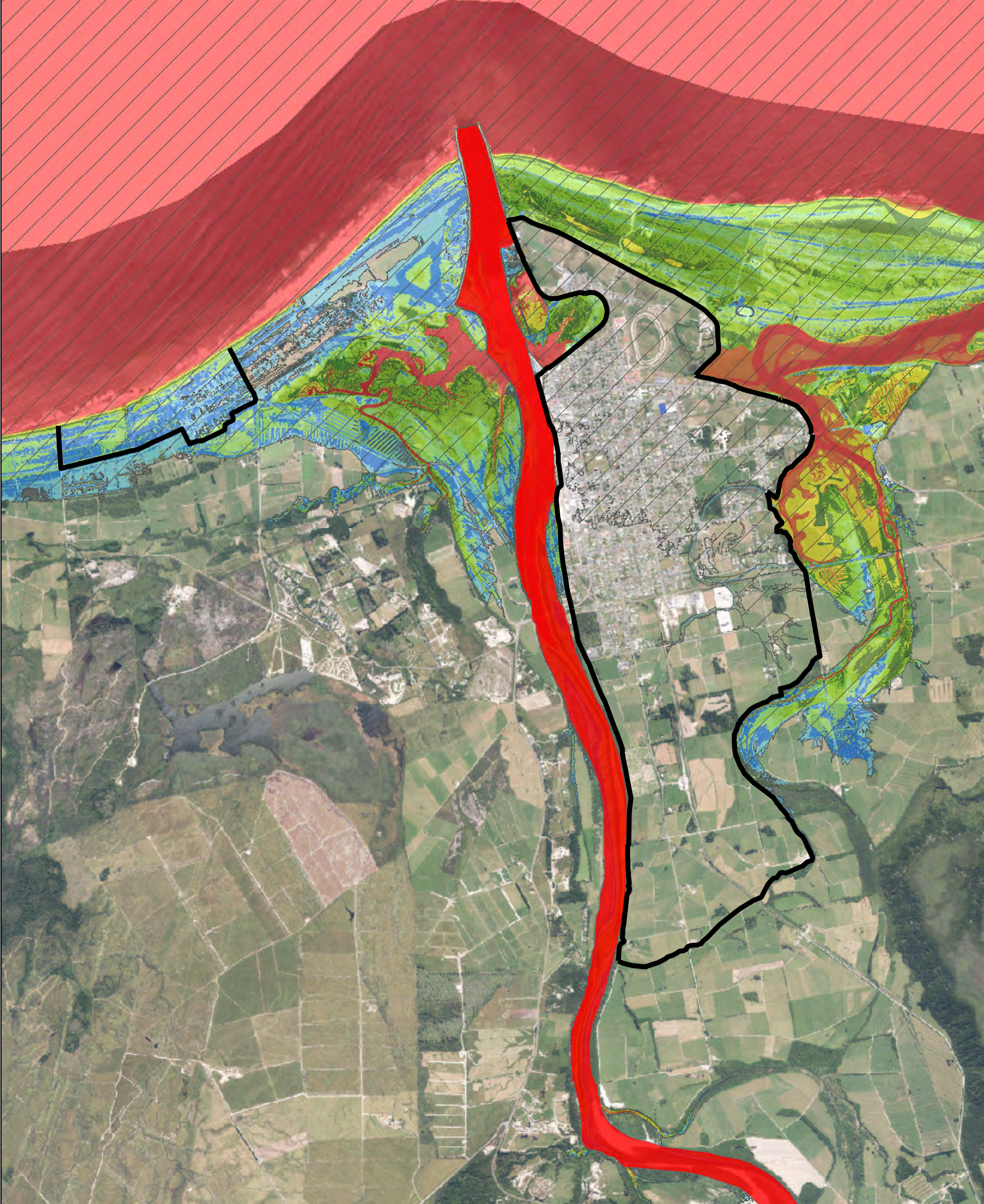
**OPTION 2 - 100yr ARI Coastal storm**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	12/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

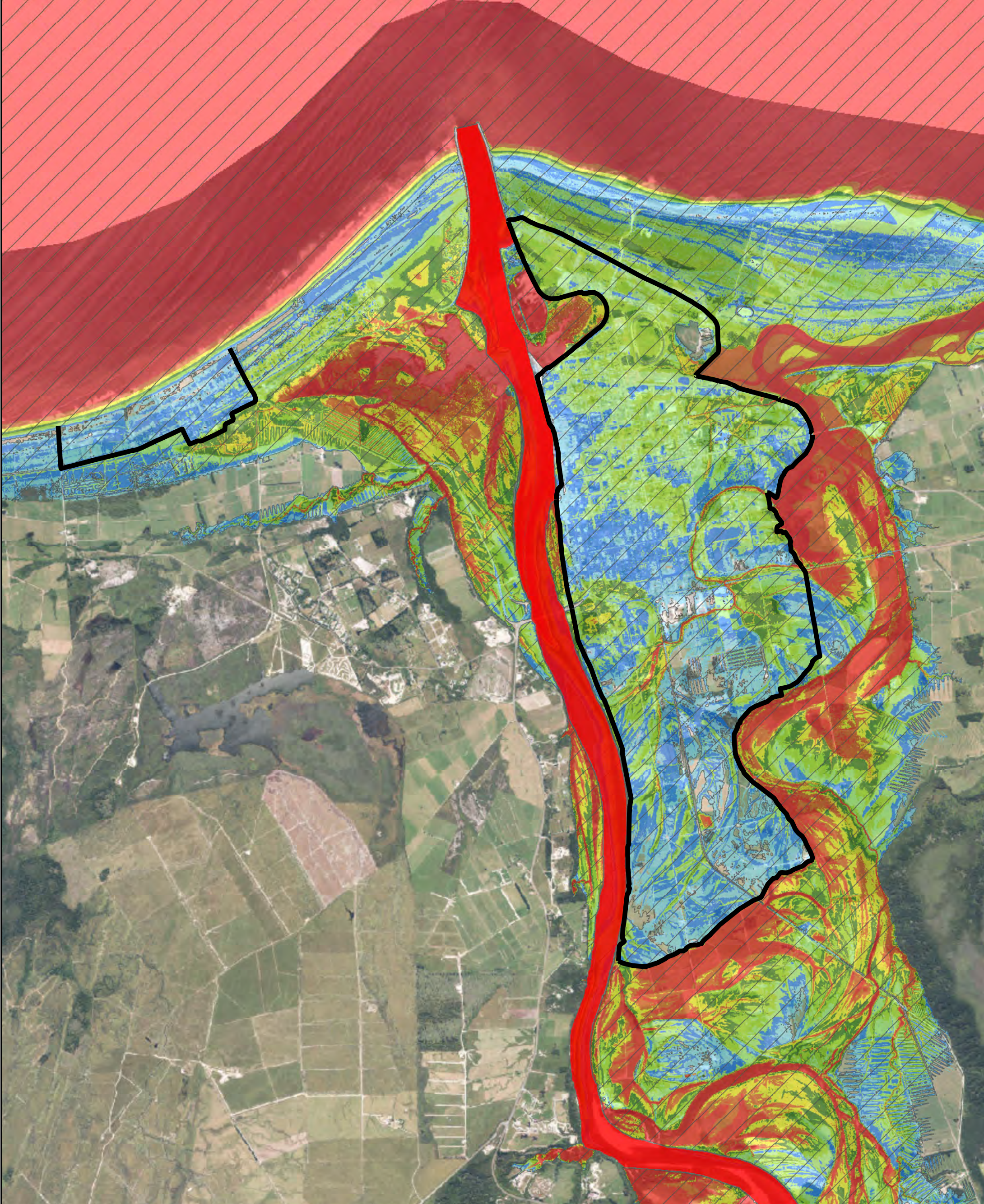
**OPTION 2 - 100yr ARI RCP6 Coastal storm**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	12/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

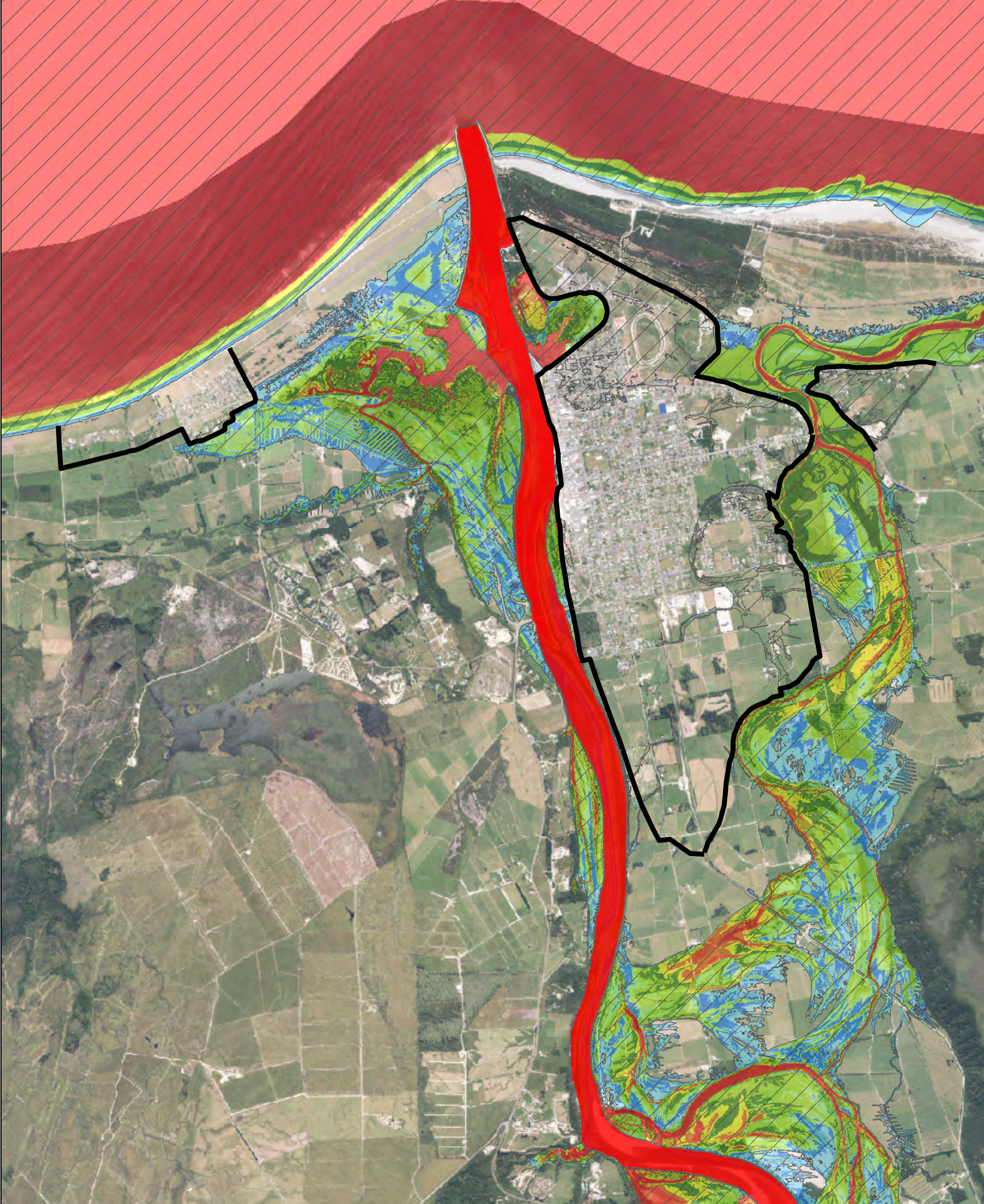
**PEAK DEPTH MAP**  
**OPTION 2 - 100yr ARI RCP 8.5 Overdesign**  
**Extensive ring bank including**  
**Carter's beach excluding Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	14/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

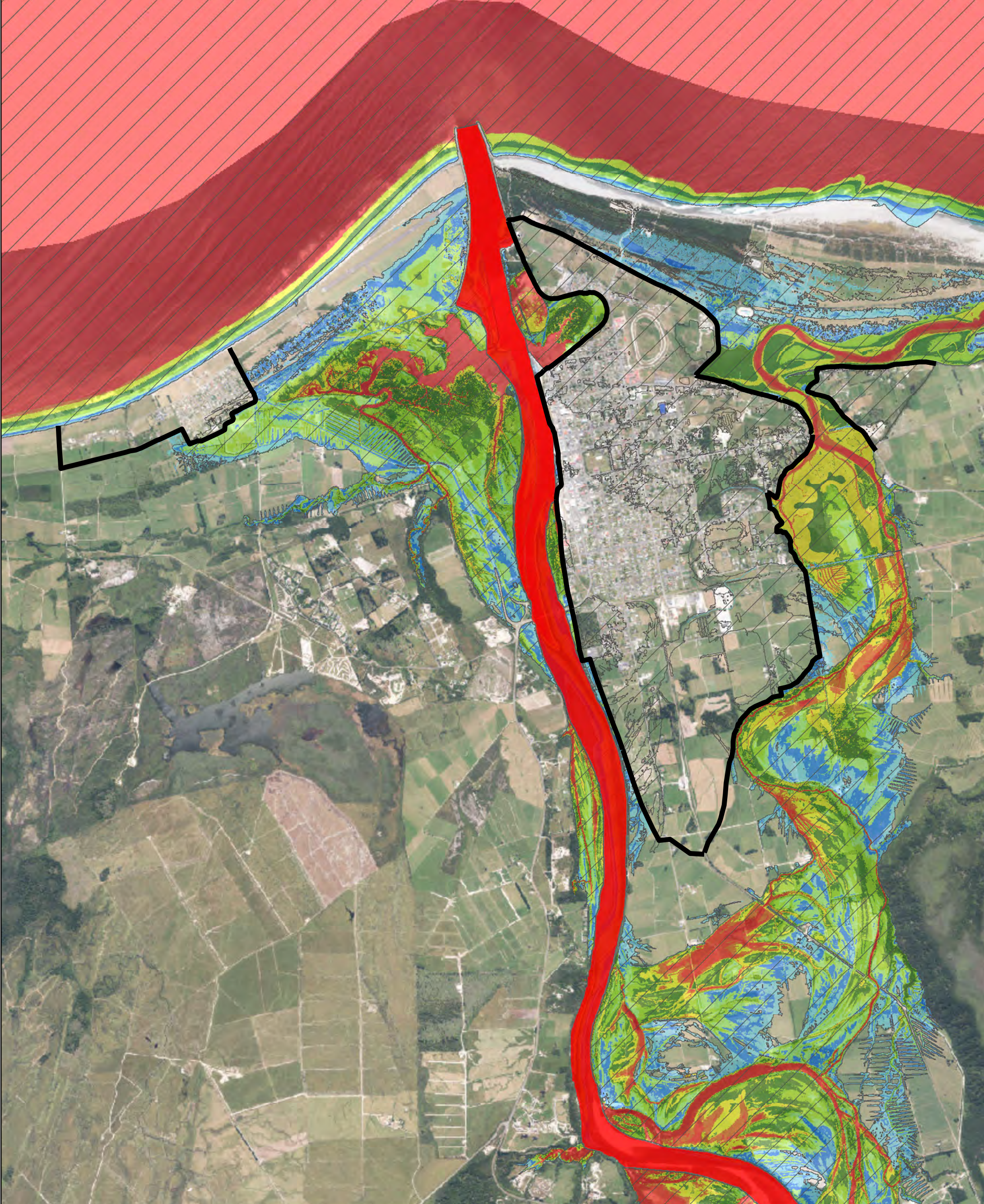
**PEAK DEPTH MAP**  
**OPTION 3 - 20yr ARI**  
**Initial ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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

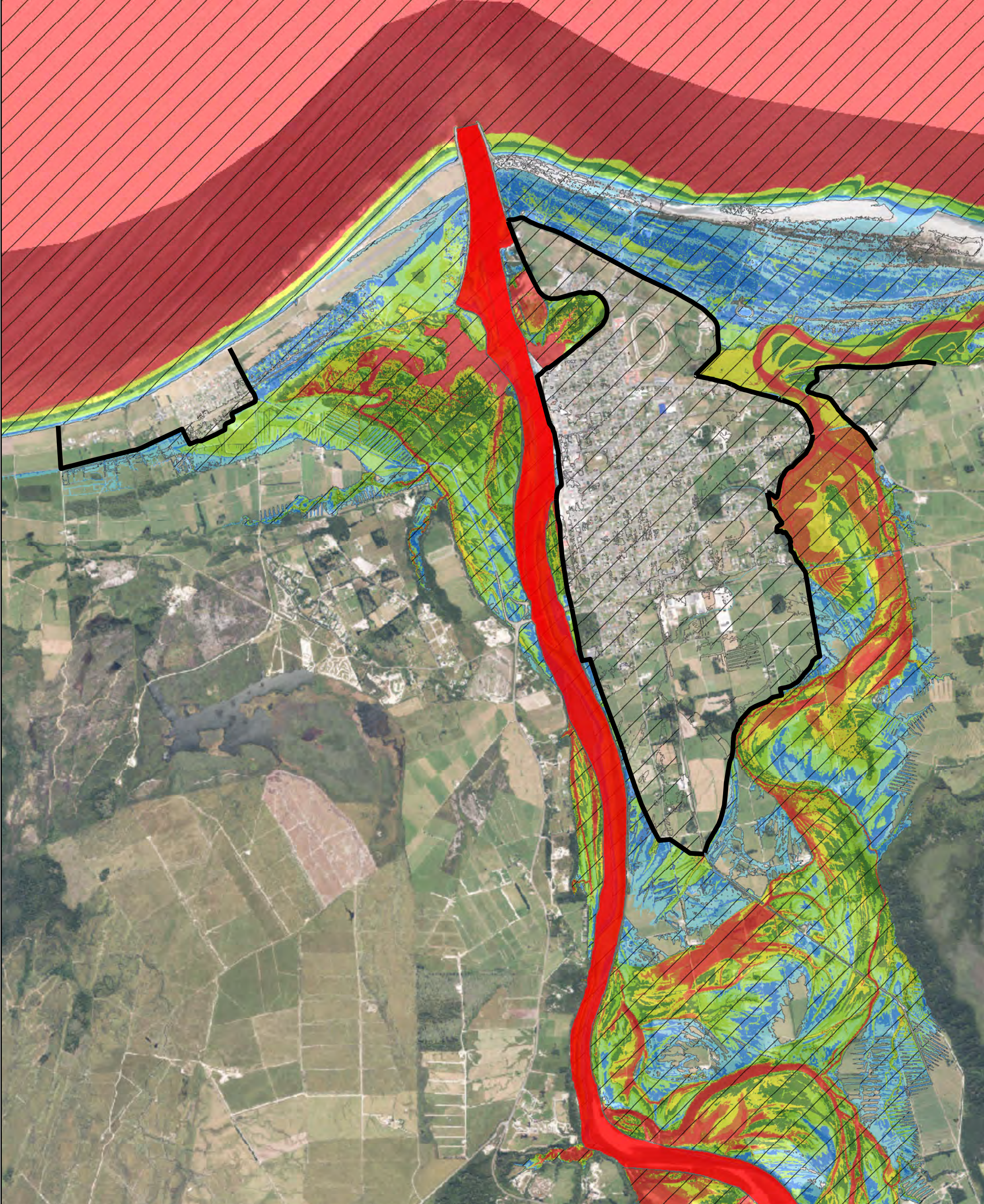
MAP (1 of 1)

<b>PROJECT</b> Buller River Flood Modelling					
<b>PEAK DEPTH MAP</b> OPTION 3 - 50yr ARI Initial ring bank including Carter's beach and Snodgrass banks					
REVISION	01	Created By	BS	Reviewed By	MG
AUTHOR	Matthew Gardner		DATE	29/03/2022	

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

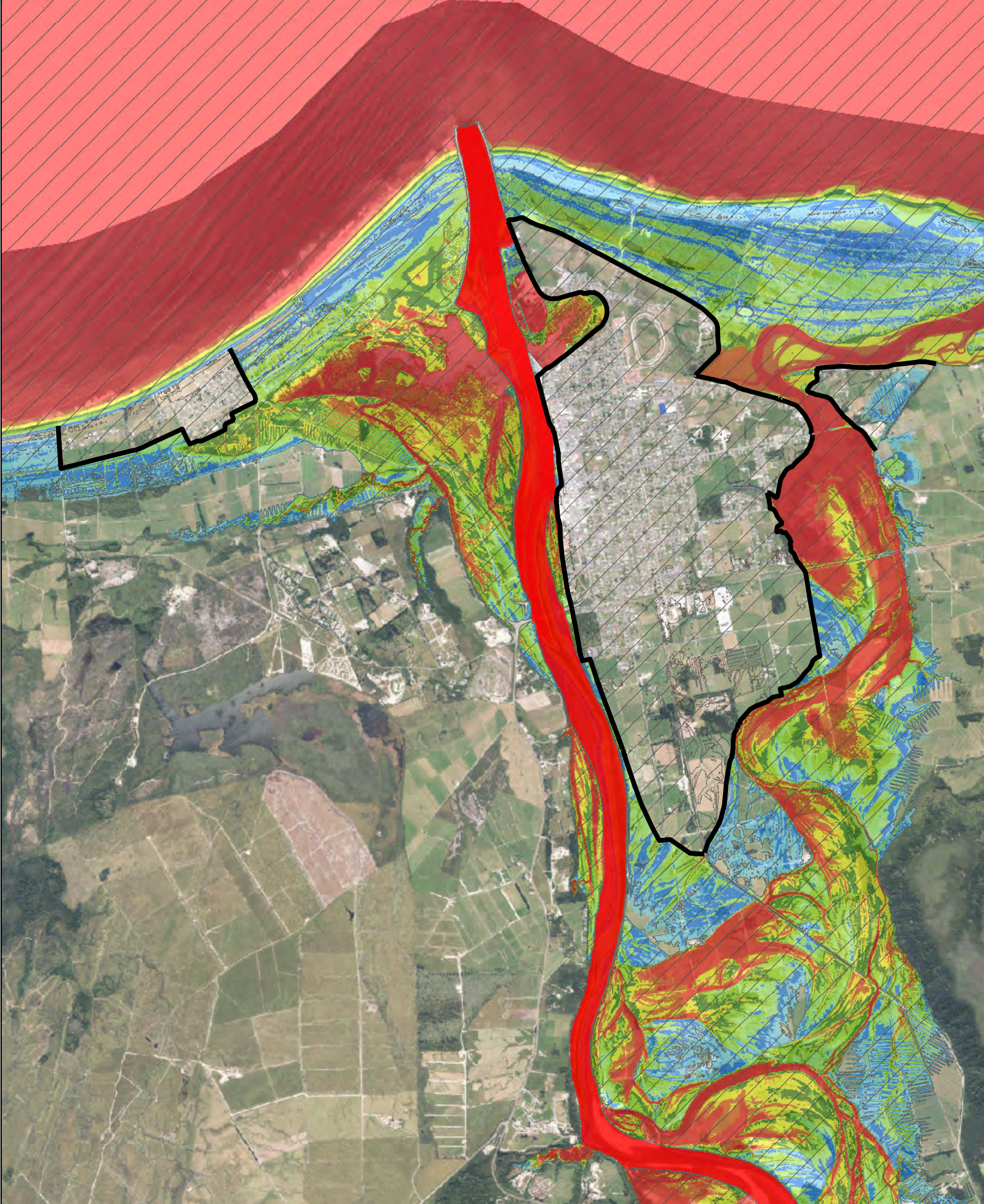
**PEAK DEPTH MAP**  
**OPTION 3 - 100yr ARI**  
**Initial ring bank including**  
**Carter's beach and Snodgrass banks**

REVISION	<b>01</b>	Created By	<b>BS</b>	Reviewed By	<b>MG</b>	
AUTHOR	<b>Matthew Gardner</b>		DATE	<b>31/03/2022</b>		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stop bank
- 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**

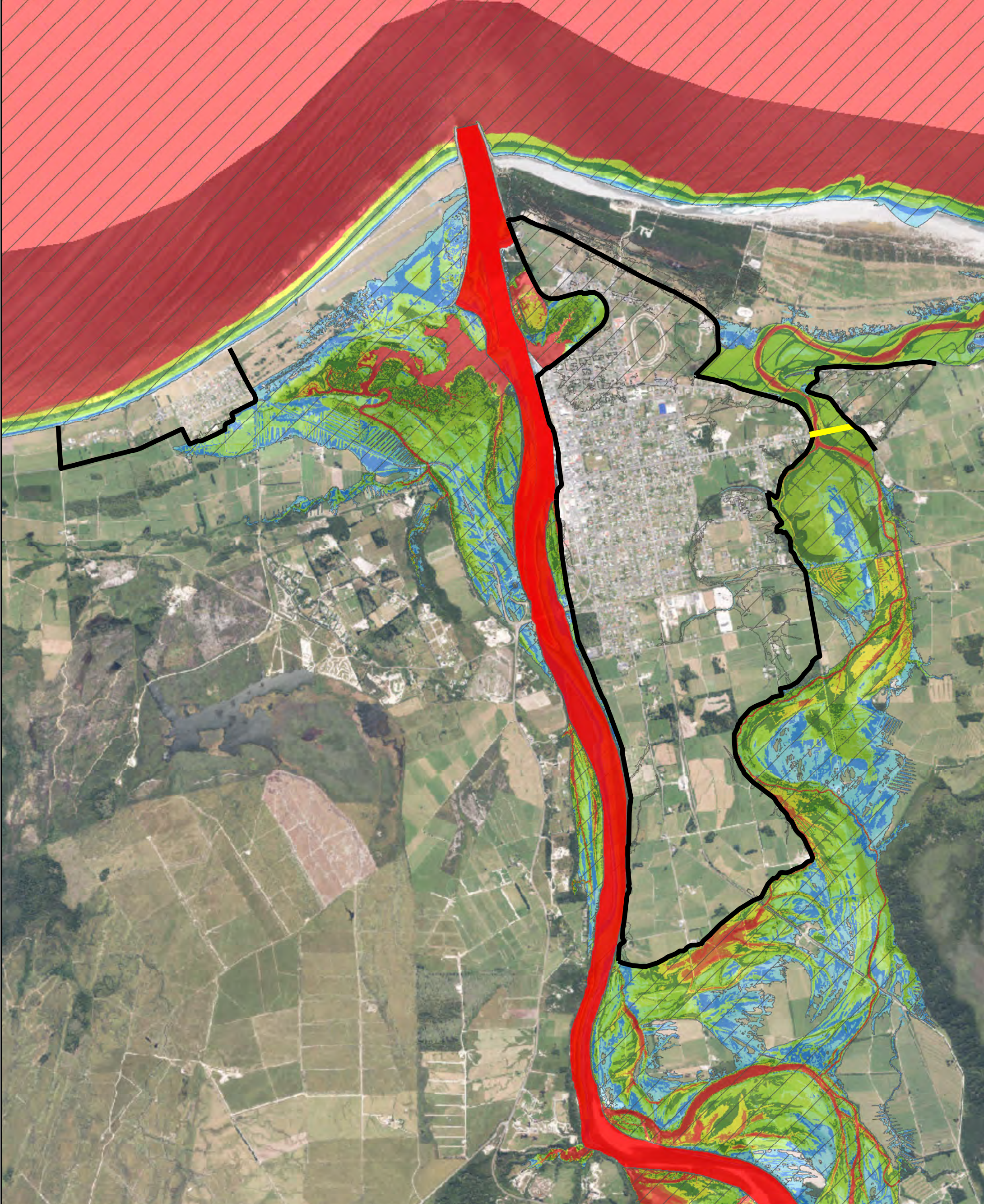
PEAK DEPTH MAP  
OPTION 3 - 100yr ARI RCP6  
Initial ring bank including  
Carter's beach and Snodgrass banks

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	31/03/2022		

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

Copyright:  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Orowaiti Causeway
- 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**

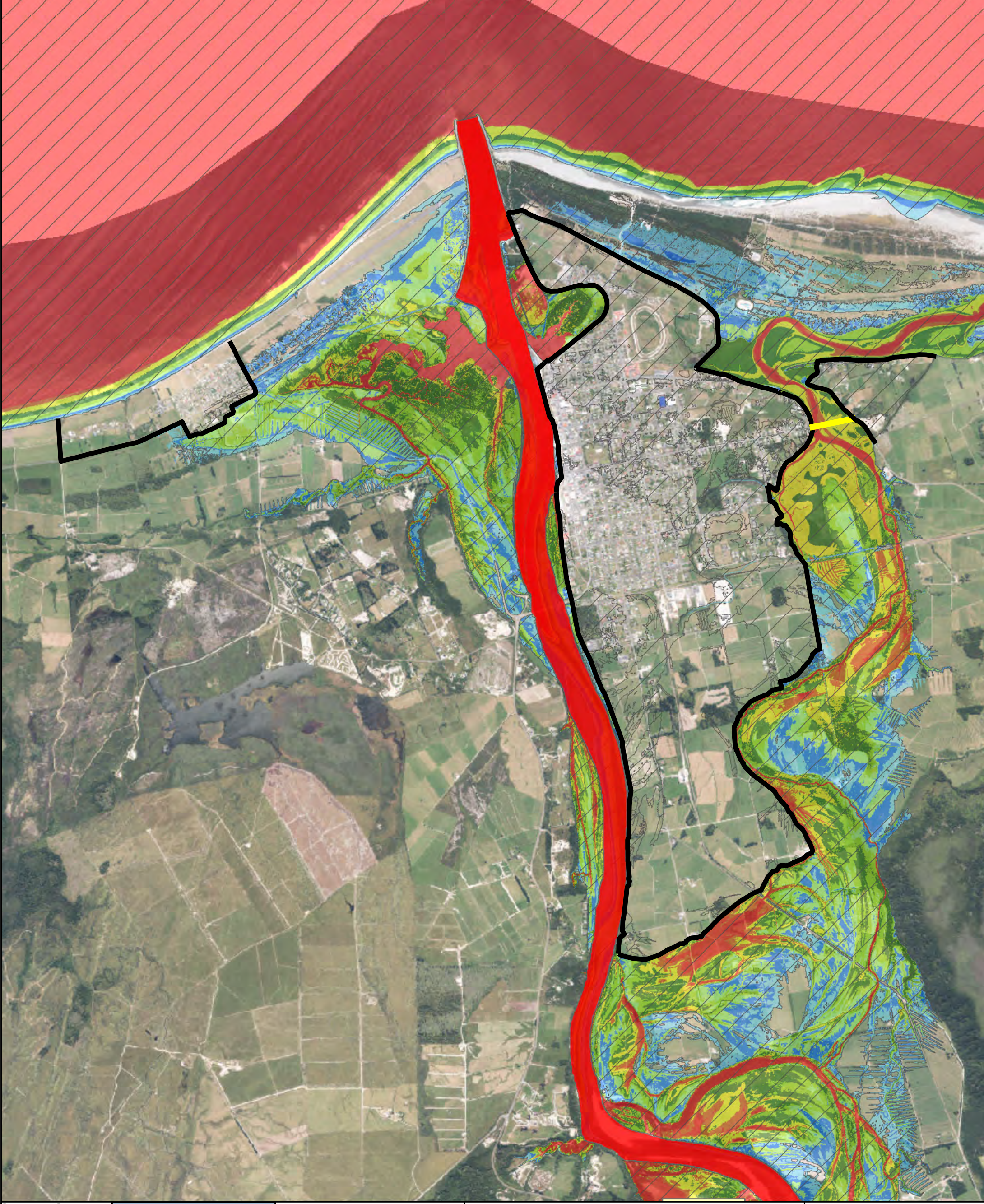
**PEAK DEPTH MAP**  
**OPTION 4 - 20yr ARI**  
**Extensive ring bank including Carters and Snodgrass Banks Remove Orowaiti Causeway**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Orowaiti Causeway
- 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**

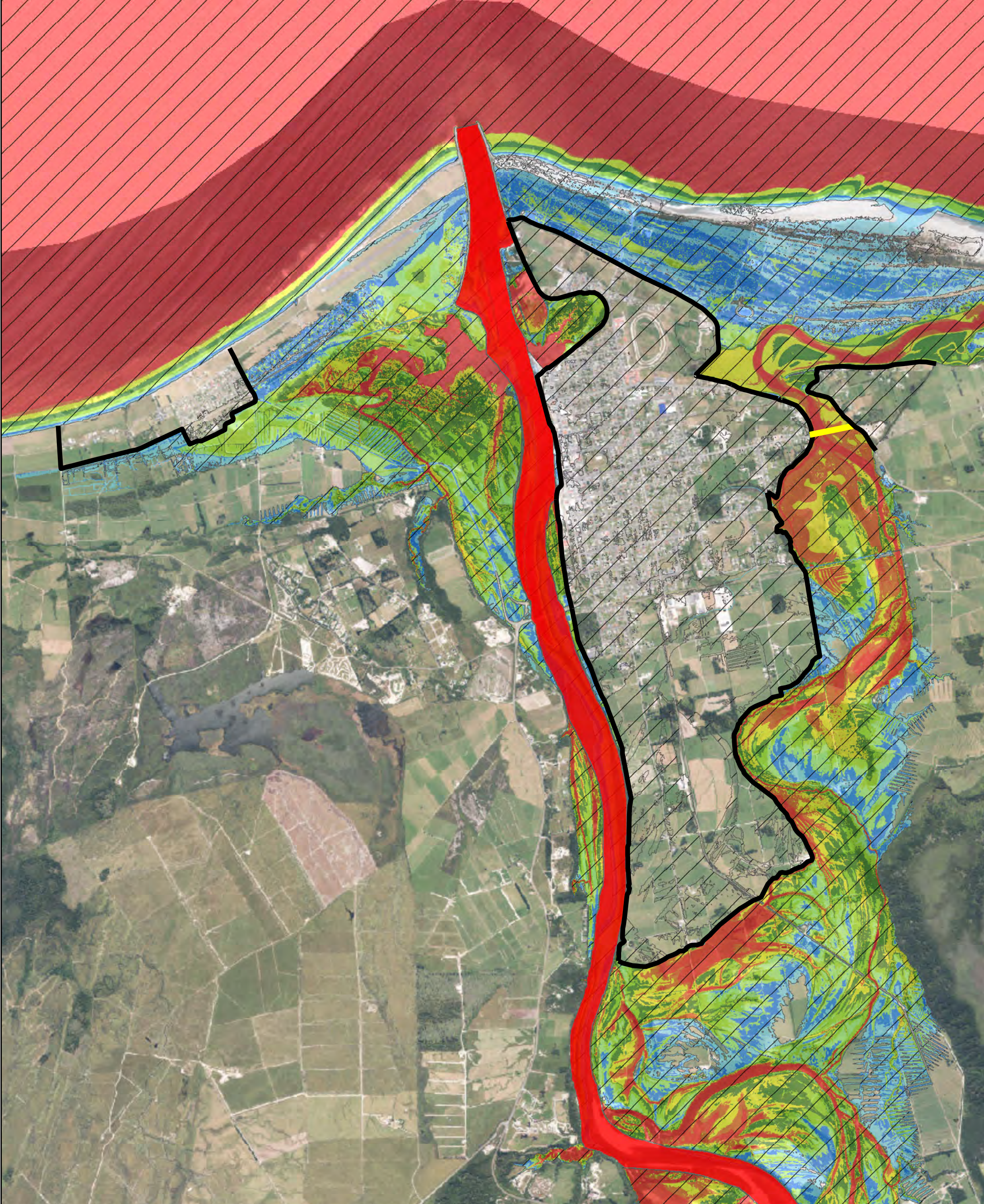
PEAK DEPTH MAP  
**OPTION 4 - 50yr ARI**  
**Extensive ring bank including Carters and Snodgrass Banks Remove Orowaiti Causeway**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

Copyright:  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Orowaiti Causeway
- 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**

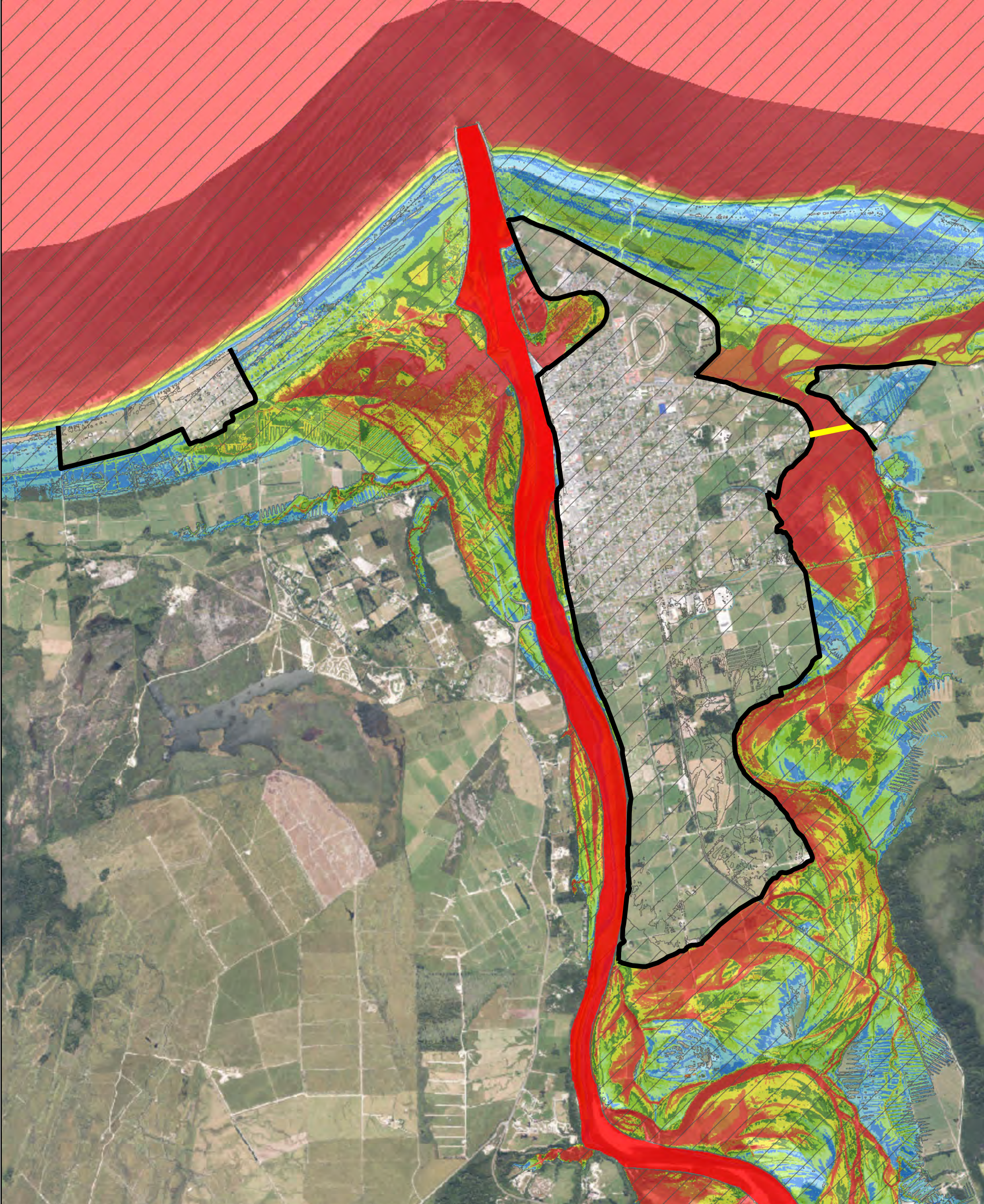
PEAK DEPTH MAP  
OPTION 4 - 100yr ARI  
**Extensive ring bank including Carters and Snodgrass Banks Remove Orowaiti Causeway**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

Copyright:  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Orowaiti Causeway
- 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

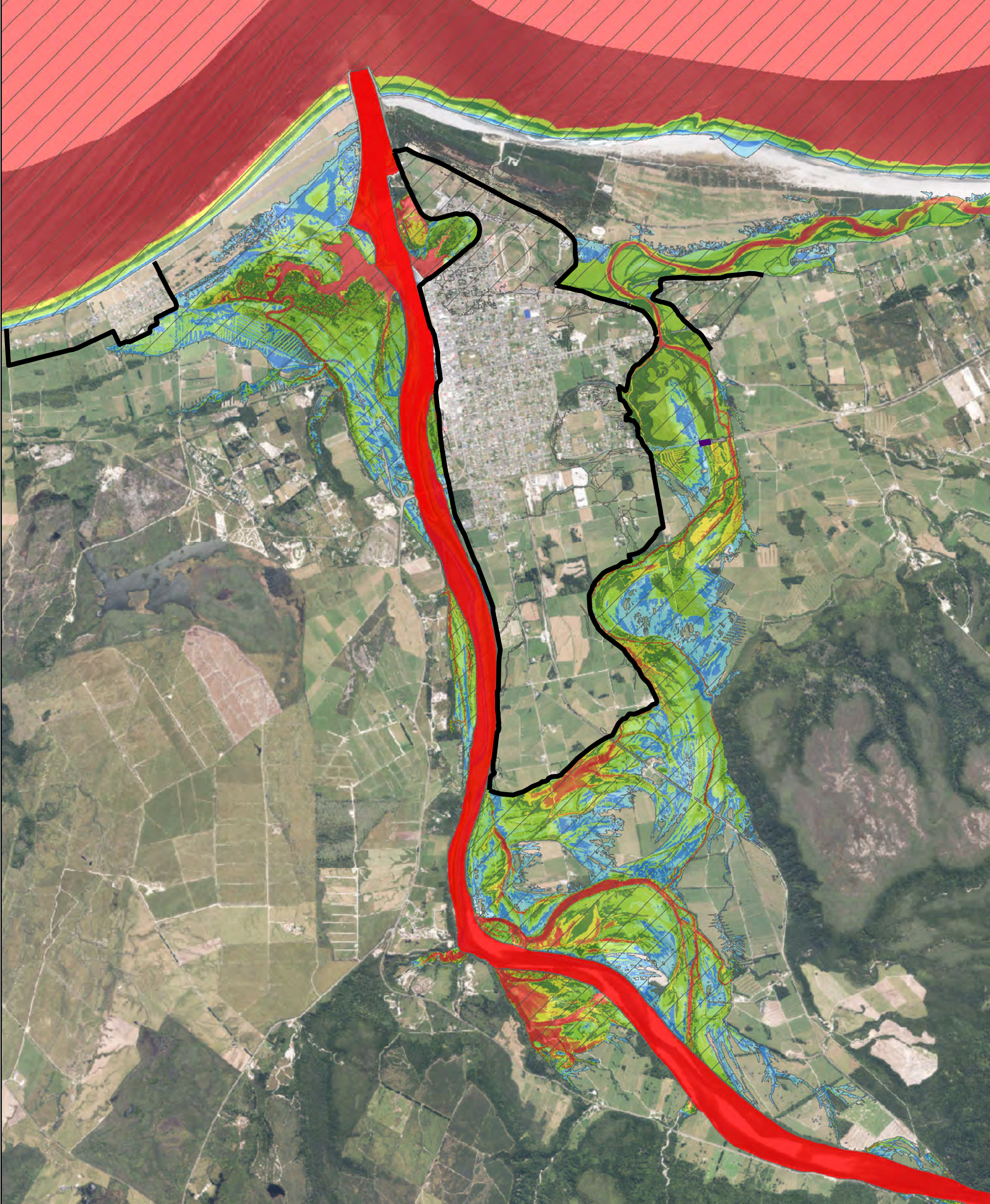
**PEAK DEPTH MAP**  
OPTION 4 - 100yr ARI RCP6  
Extensive ring bank including Carters and Snodgrass Banks Remove Orowaiti Causeway

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stephen Rd Railways
- 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

0 437.5 875 1,750  
Meters

A3 SCALE 1:35,000

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

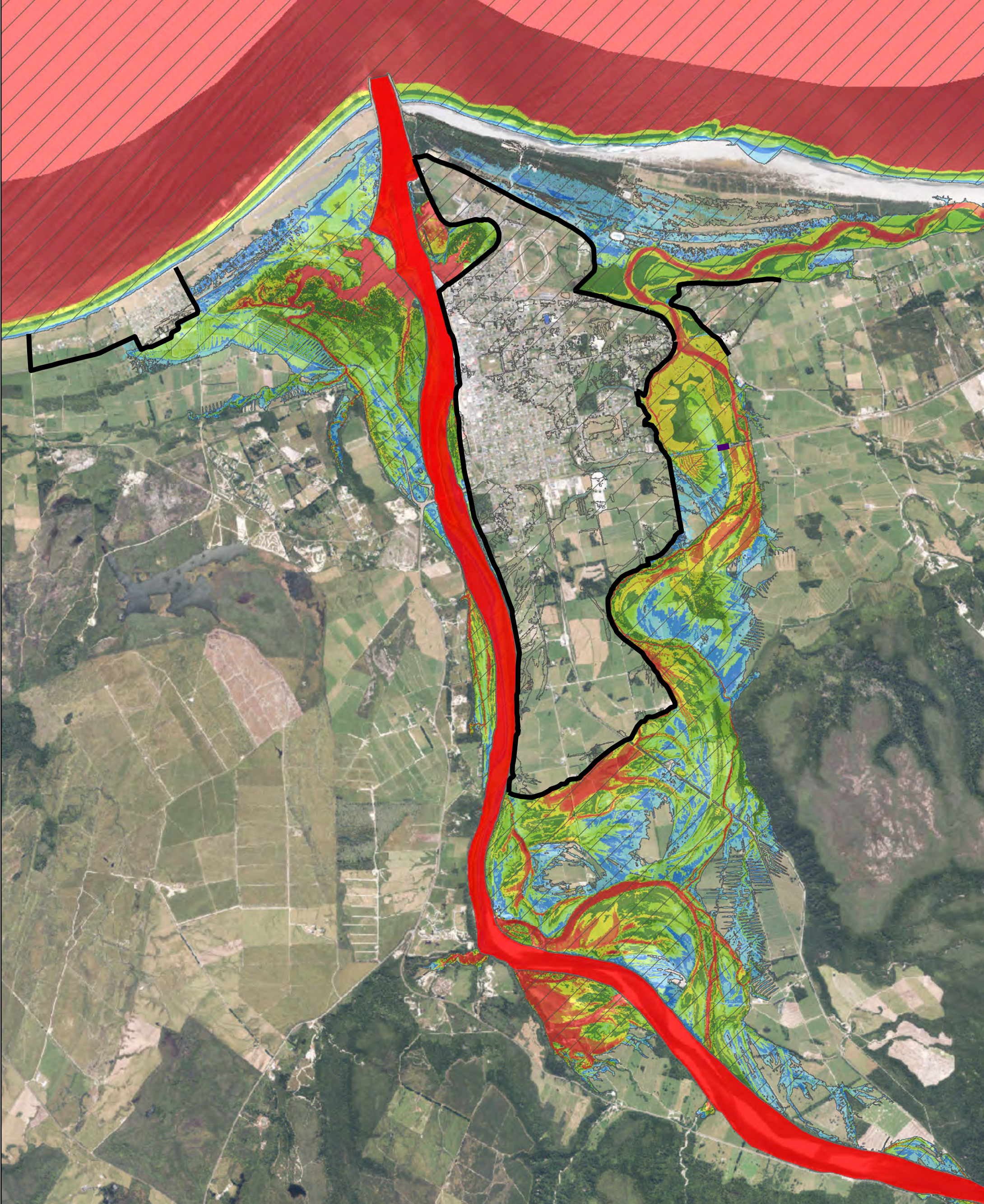
**PEAK DEPTH MAP**  
**OPTION 5 - 20yr ARI**  
**Extensive ring bank including Carters and Snodgrass Stephens Rd Railway Opening**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stephen Rd Railways
- Stop bank
- 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

0 437.5 875 1,750  
Meters

A3 SCALE 1:35,000

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

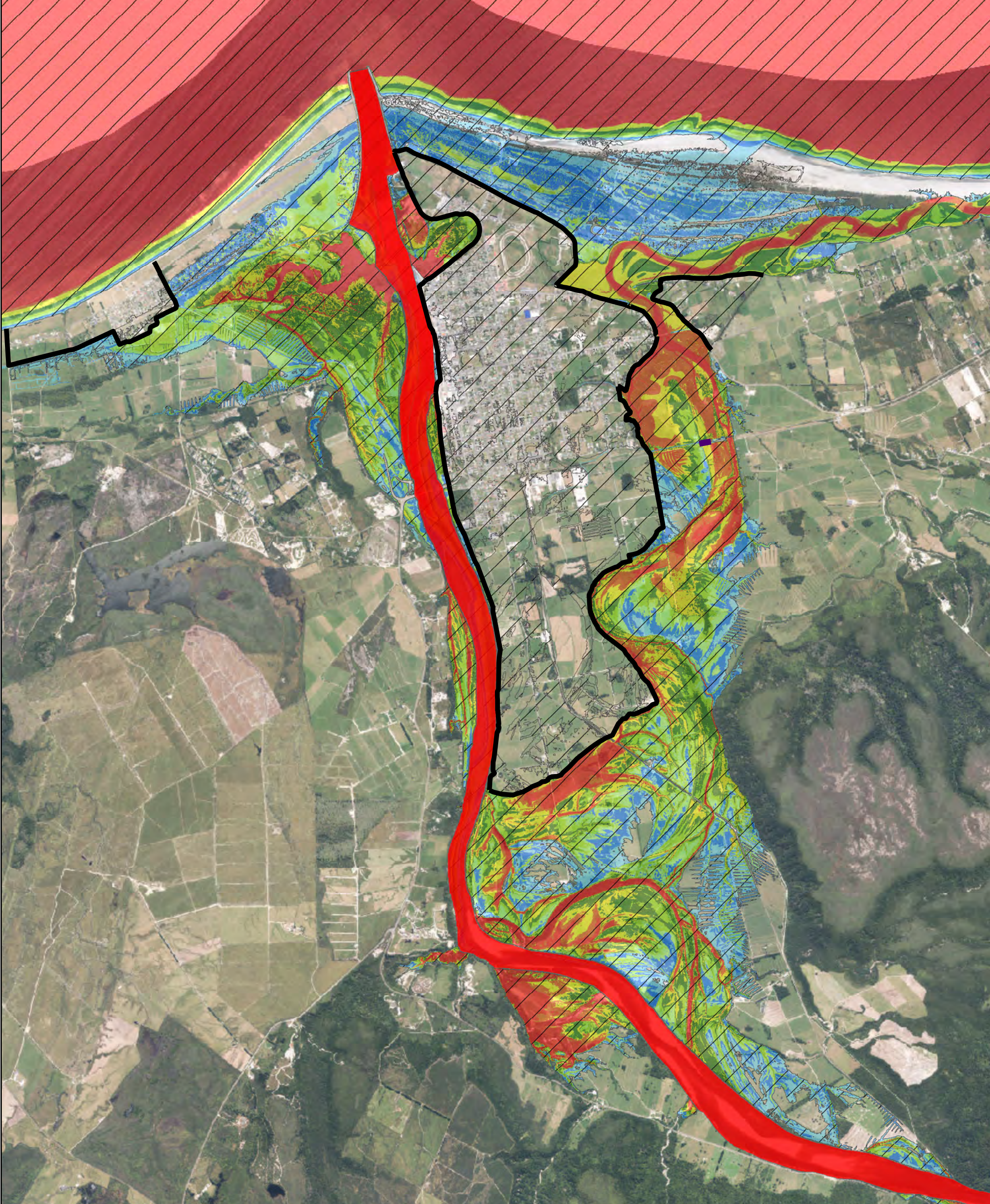
**PEAK DEPTH MAP**  
**OPTION 5 - 50yr ARI**  
**Extensive ring bank including Carters and Snodgrass - Stephens Rd Railway Opening**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	12/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stephen Rd Railways
- 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

0 437.5 875 1,750  
Meters

A3 SCALE 1:35,000

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

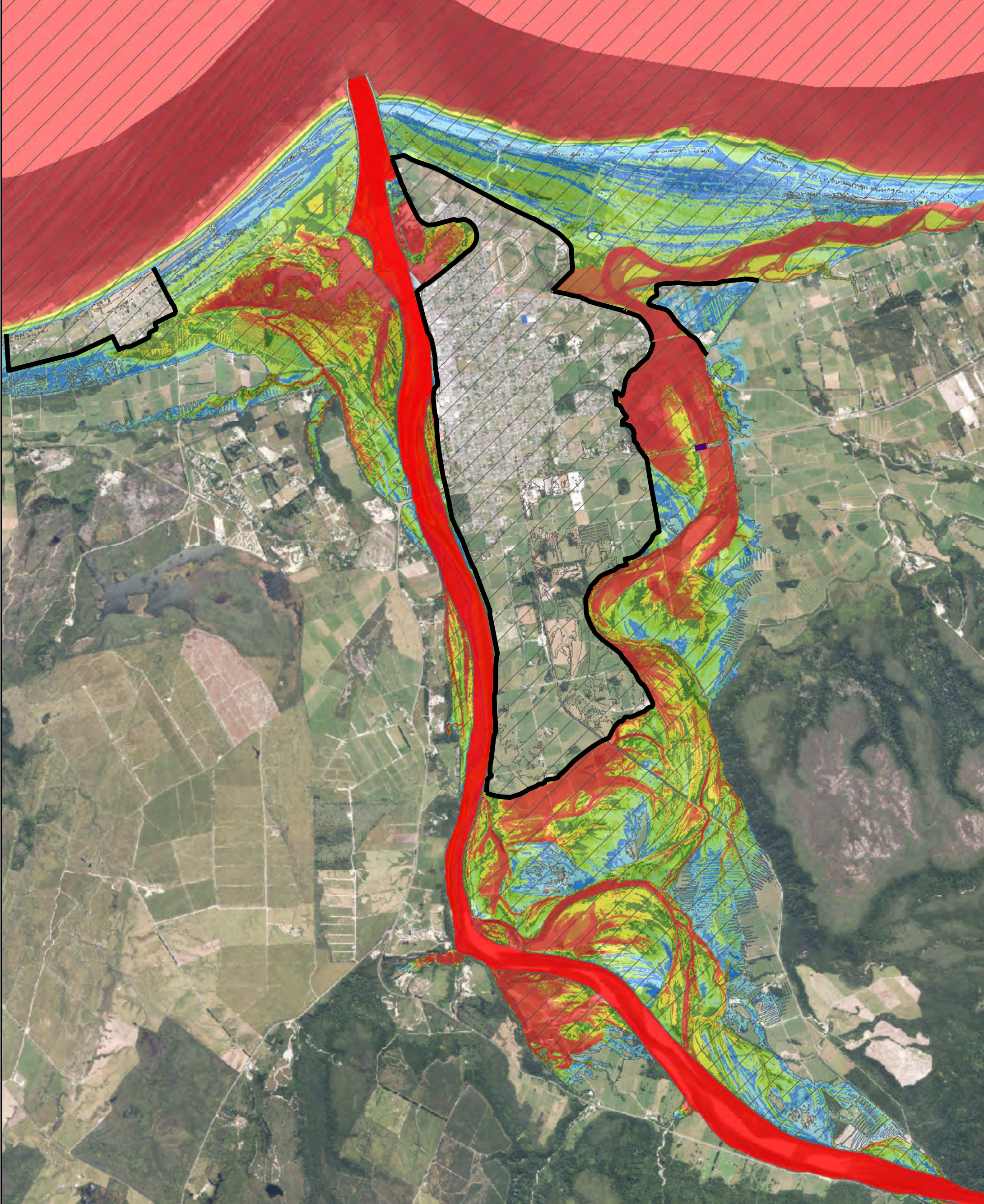
**PEAK DEPTH MAP**  
**OPTION 5 - 100yr ARI**  
**Extensive ring bank including Carters and Snodgrass Stephens Rd Railway Opening**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Stephen Rd Railways
- 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

0 437.5 875 1,750  
Meters

A3 SCALE 1:35,000

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

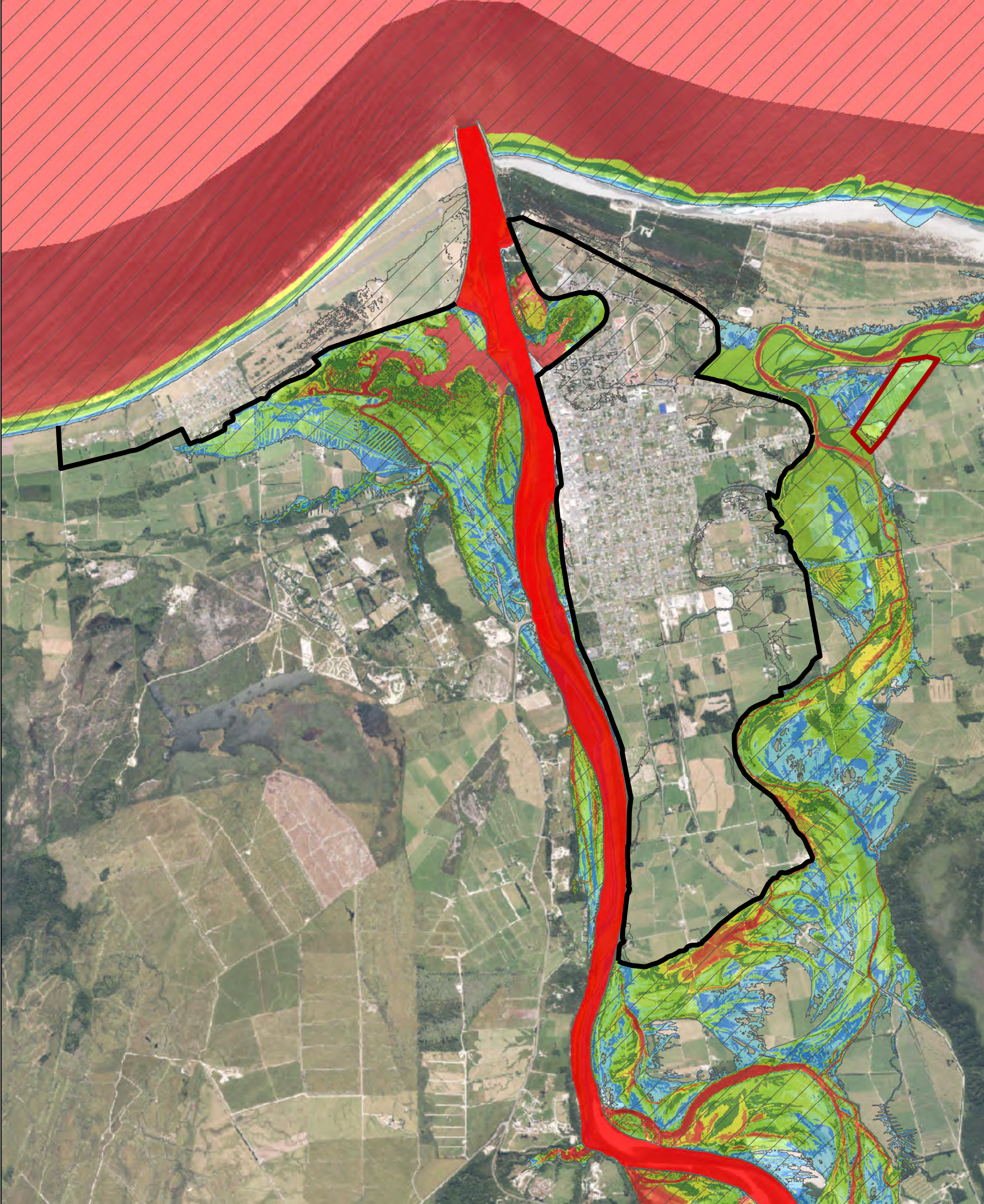
**PEAK DEPTH MAP**  
**OPTION 5 - 100yr ARI RCP6**  
**Extensive ring bank including Carters and Snodgrass Stephens Rd Railway Opening**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Snodgrass cut
- 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

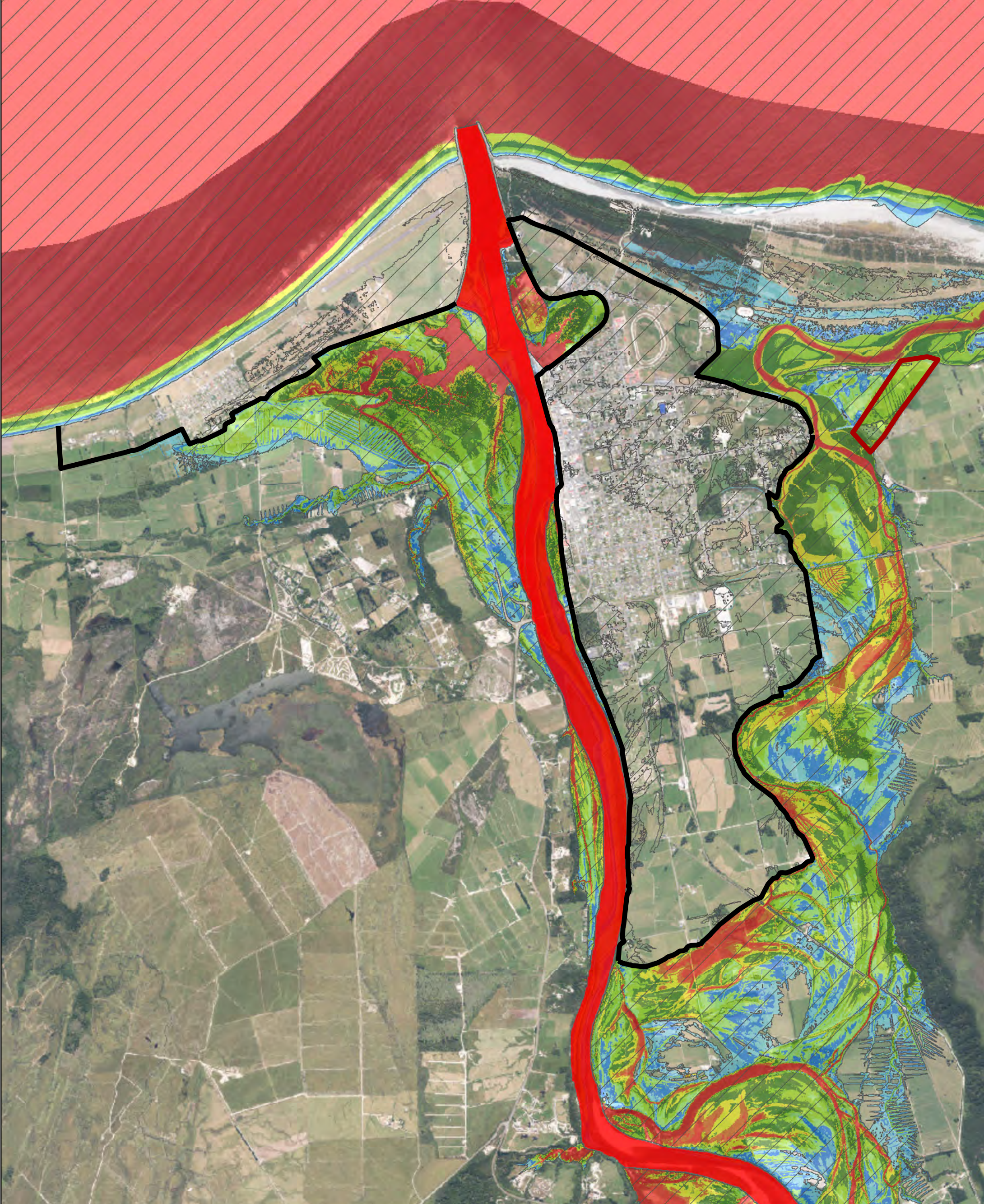
**PEAK DEPTH MAP**  
OPTION 6 - 20yr ARI  
Extensive ring bank  
Snodgrass cut excluding Snodgrass banks

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Snodgrass cut
- 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

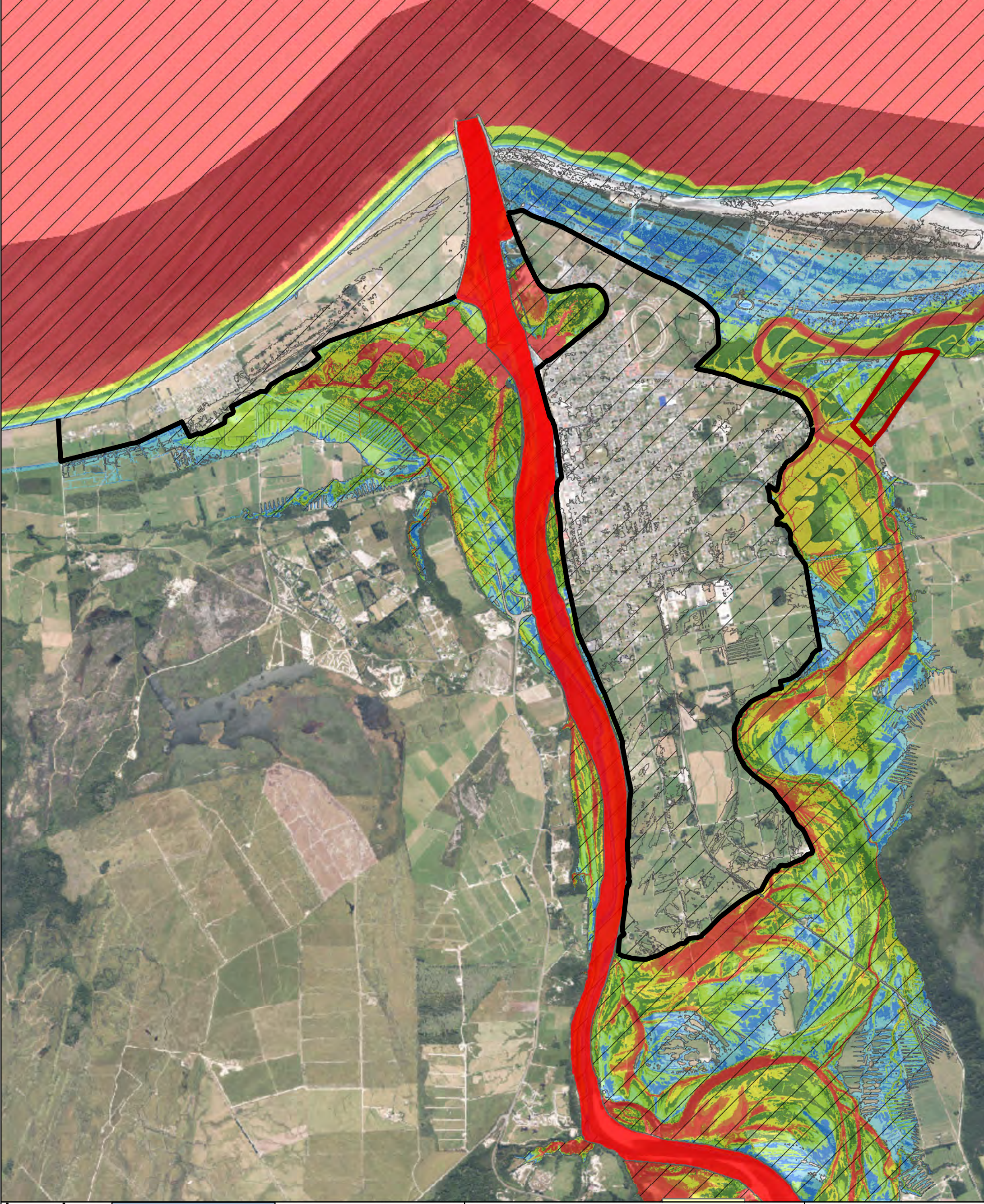
MAP (1 of 1)

<b>PROJECT</b> Buller River Flood Modelling				
<b>PEAK DEPTH MAP</b> OPTION 6 - 50yr ARI Extensive ring bank Snodgrass cut excluding Snodgrass banks				
REVISION	01	Created By	BS	Reviewed By
				MG
AUTHOR	Matthew Gardner		DATE	29/03/2022

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Snodgrass cut
- 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**

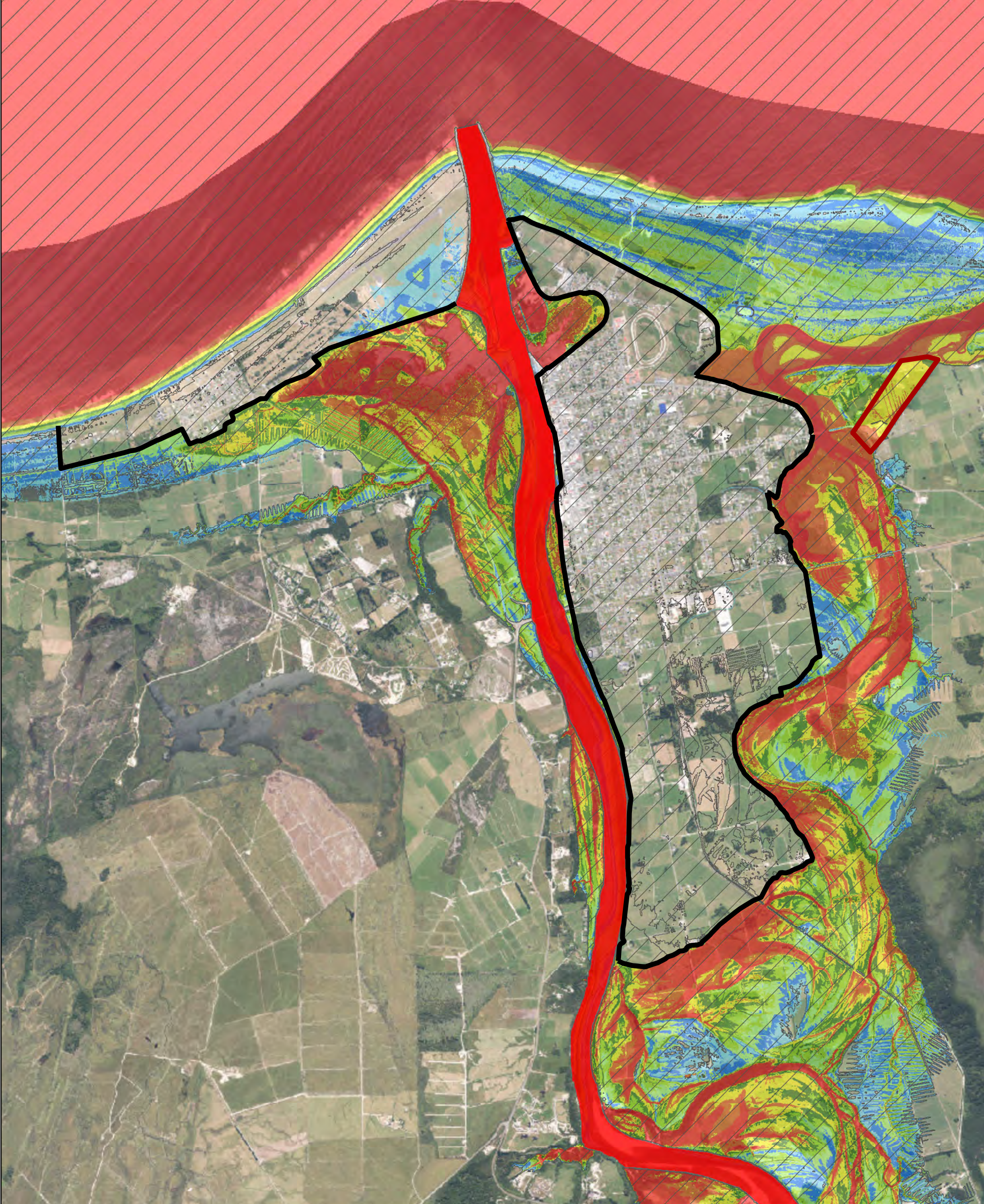
PEAK DEPTH MAP  
OPTION 6 - 100yr ARI  
Extensive ring bank  
Snodgrass cut excluding Snodgrass banks

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

Copyright:  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- Snodgrass cut
- 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

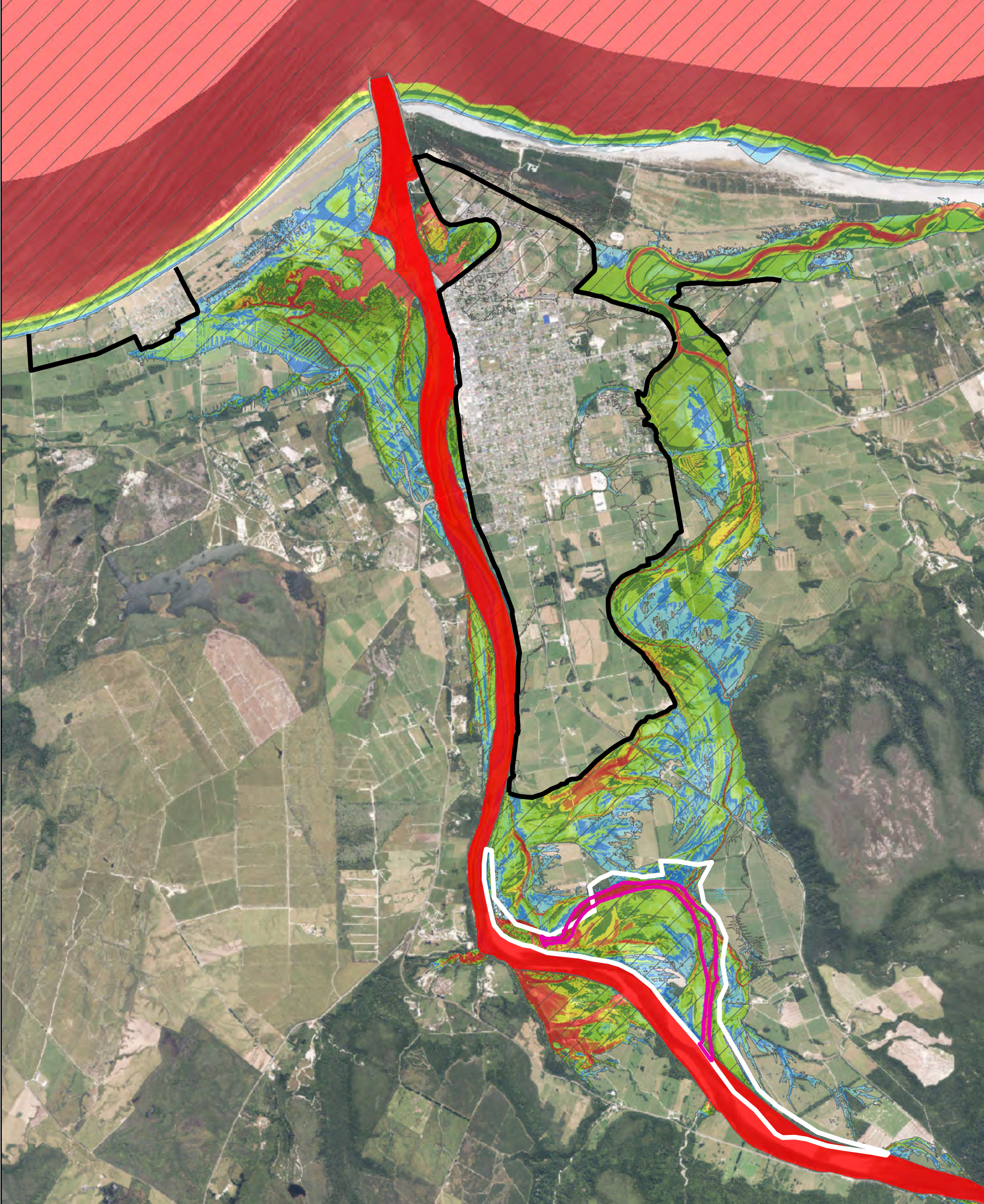
**PEAK DEPTH MAP**  
OPTION 6 - 100yr ARI RCP6  
Extensive ring bank  
Snodgrass cut excluding Snodgrass banks

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	29/03/2022		

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

**Copyright:**  
This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- █ River channel
- Organs Island
- Stop bank
- 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

0 437.5 875 1,750  
Meters

A3 SCALE 1:35,000

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

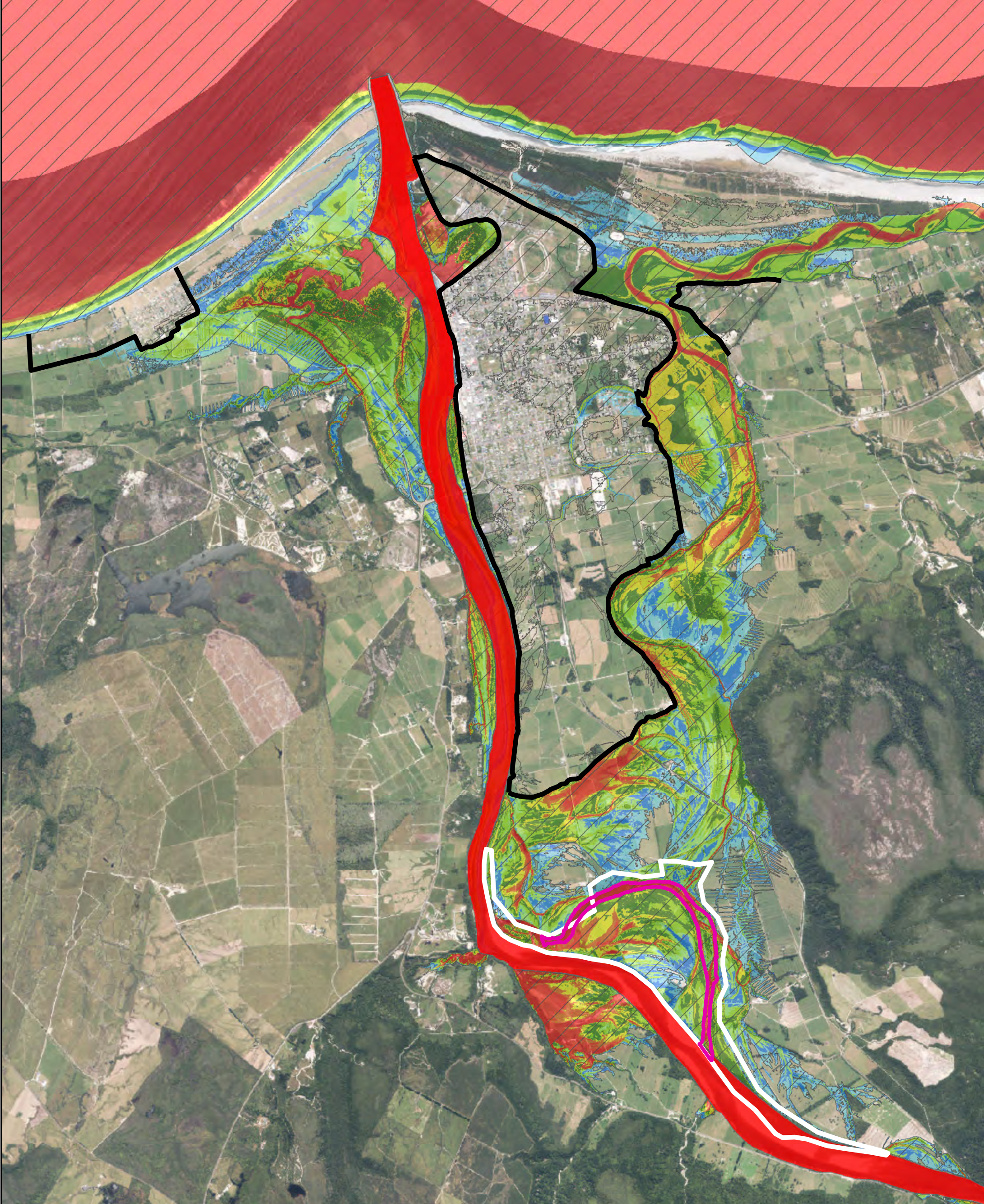
**PEAK DEPTH MAP**  
**OPTION 7b - 20yr ARI**  
**Extensive ring bank including Carters and Snodgrass banks - Organ's Island Revegetation**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner			DATE	05/04/2022	

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- River channel
- Organs Island
- Stop bank
- 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

A3 SCALE **1:35,000**

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

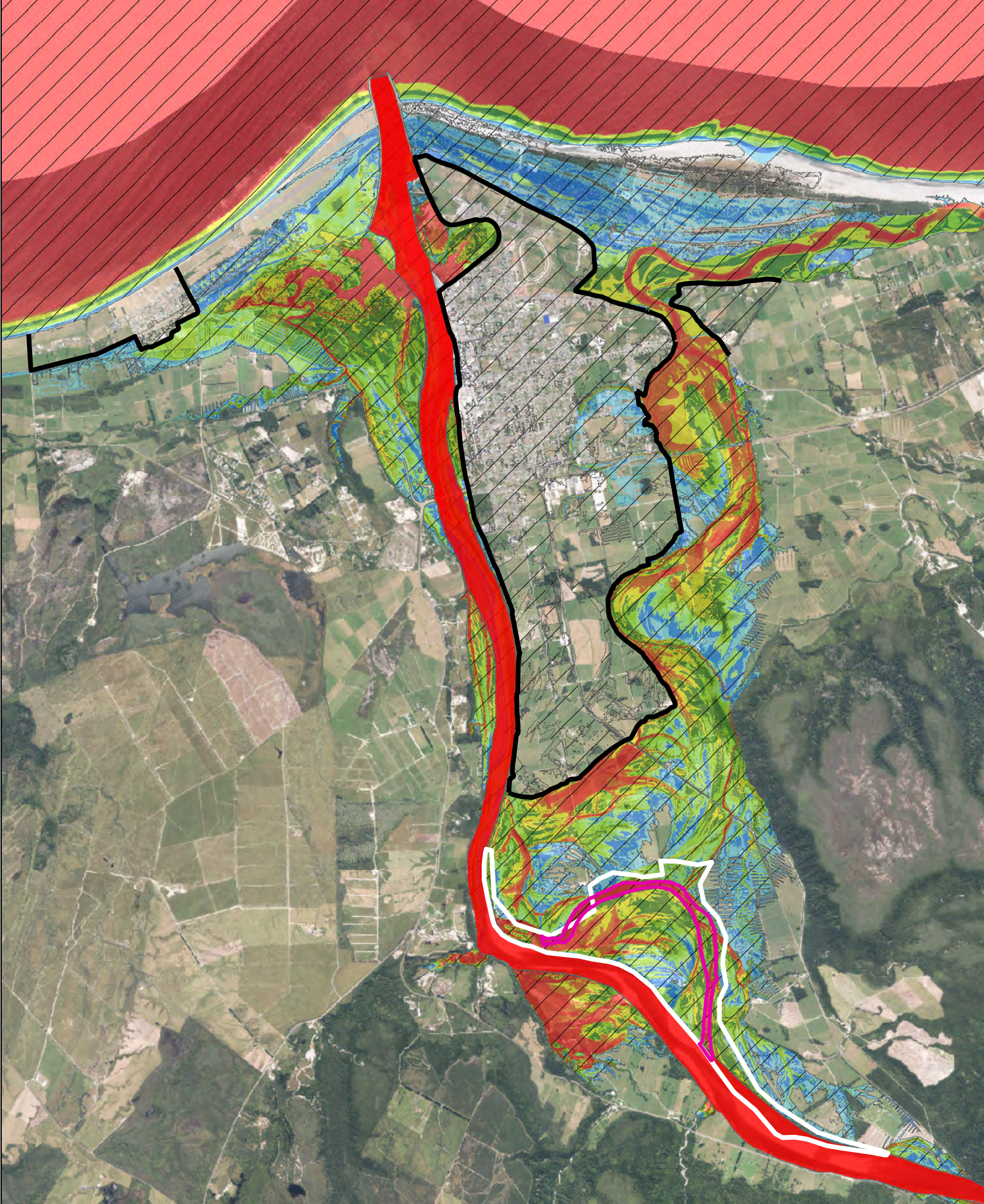
**PEAK DEPTH MAP**  
**OPTION 7b - 50yr ARI**  
**Extensive ring bank including Carters and Snodgrass banks - Organ's Island Revegetation**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	05/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>







**Legend**

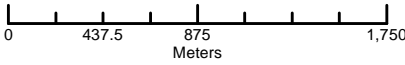
- River channel
- Organ's Island
- Stop bank
- 1D River channel
- Base Extent

**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 +





A3 SCALE **1:35,000**

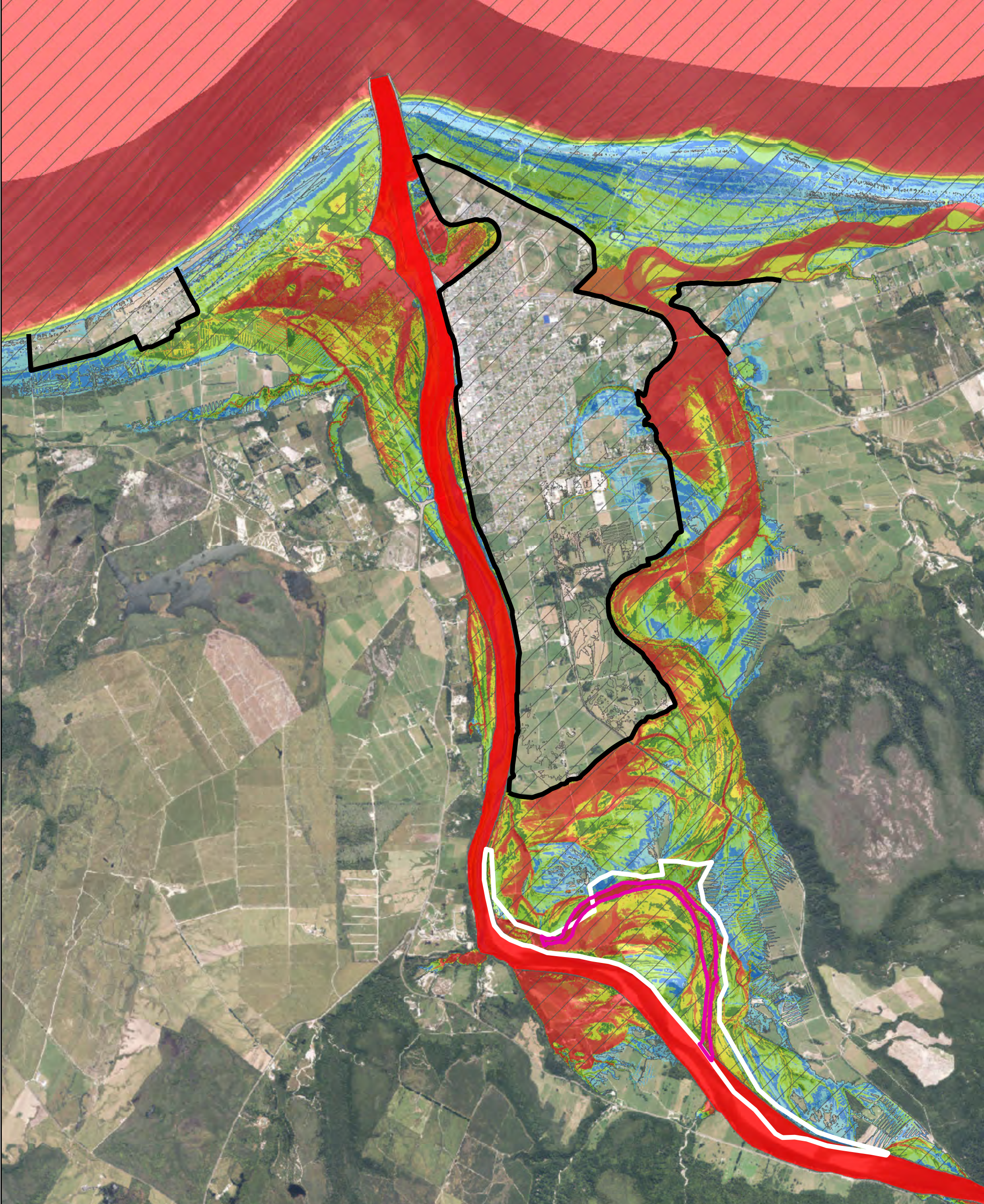
MAP (1 of 1)

<b>PROJECT</b>					
<b>Buller River Flood Modelling</b>					
<b>PEAK DEPTH MAP</b>					
<b>OPTION 7b - 100yr ARI</b>					
<b>Extensive ring bank including Carters and Snodgrass banks - Organ's Island Revegetation</b>					
REVISION	01	Created By	BS	Reviewed By	MG
AUTHOR	Matthew Gardner		DATE 05/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





**Legend**

- █ River channel
- █ Organs Island
- Stop bank
- 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

0 437.5 875 1,750  
Meters

A3 SCALE **1:35,000**

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

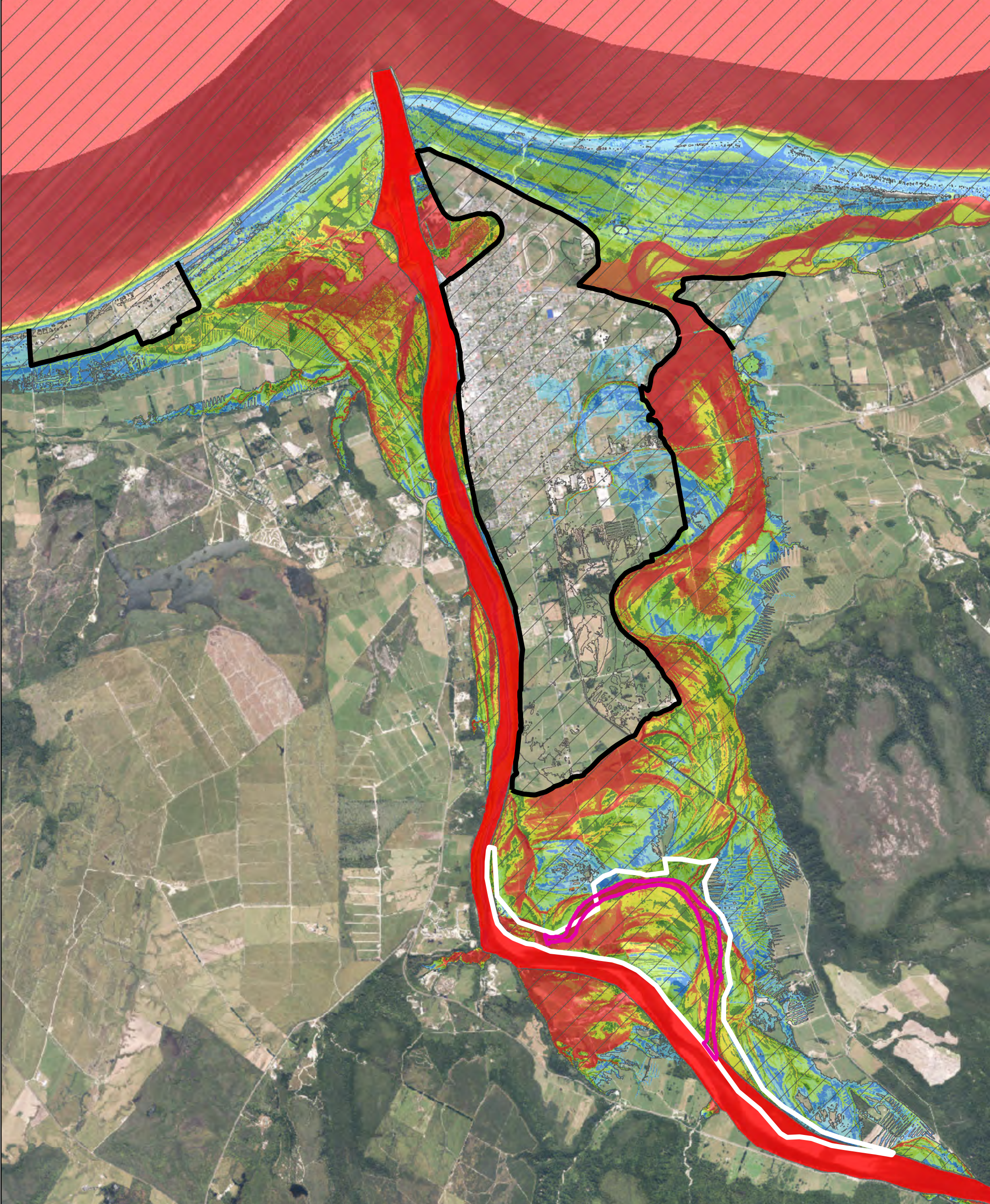
**PEAK DEPTH MAP**  
**OPTION 7b - 100yr ARI RCP6**  
**Extensive ring bank including Carters and Snodgrass banks - Organ's Island Revegetation**

REVISION	01	Created By	BS	Reviewed By	MG	 N
AUTHOR	Matthew Gardner		DATE	05/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>





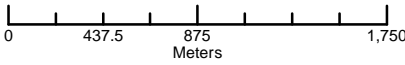


**Legend**

- Clear river channel
- Dense Vegetation
- Stop bank
- 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 +






A3 SCALE **1:35,000**

MAP (1 of 1)

**PROJECT**  
**Buller River Flood Modelling**

**PEAK DEPTH MAP**

**OPTION 7b - 100yr ARI RCP6**  
**Extensive ring bank including Carters and Snodgrass banks - Organ's Island Revegetation**

REVISION	01	Created By	BS	Reviewed By	MG	
AUTHOR	Matthew Gardner		DATE	28/04/2022		

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

**Copyright:**  
 This work is licensed under the Creative Commons Attribution -NonCommercial 4.0 International License.  
 To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>