

# Mataura River

## Flood Modelling

29 October 2024

Client: Environment Southland

Report by: Mathew Gardner

Land River Sea Consulting Limited

[www.landriversea.com](http://www.landriversea.com)

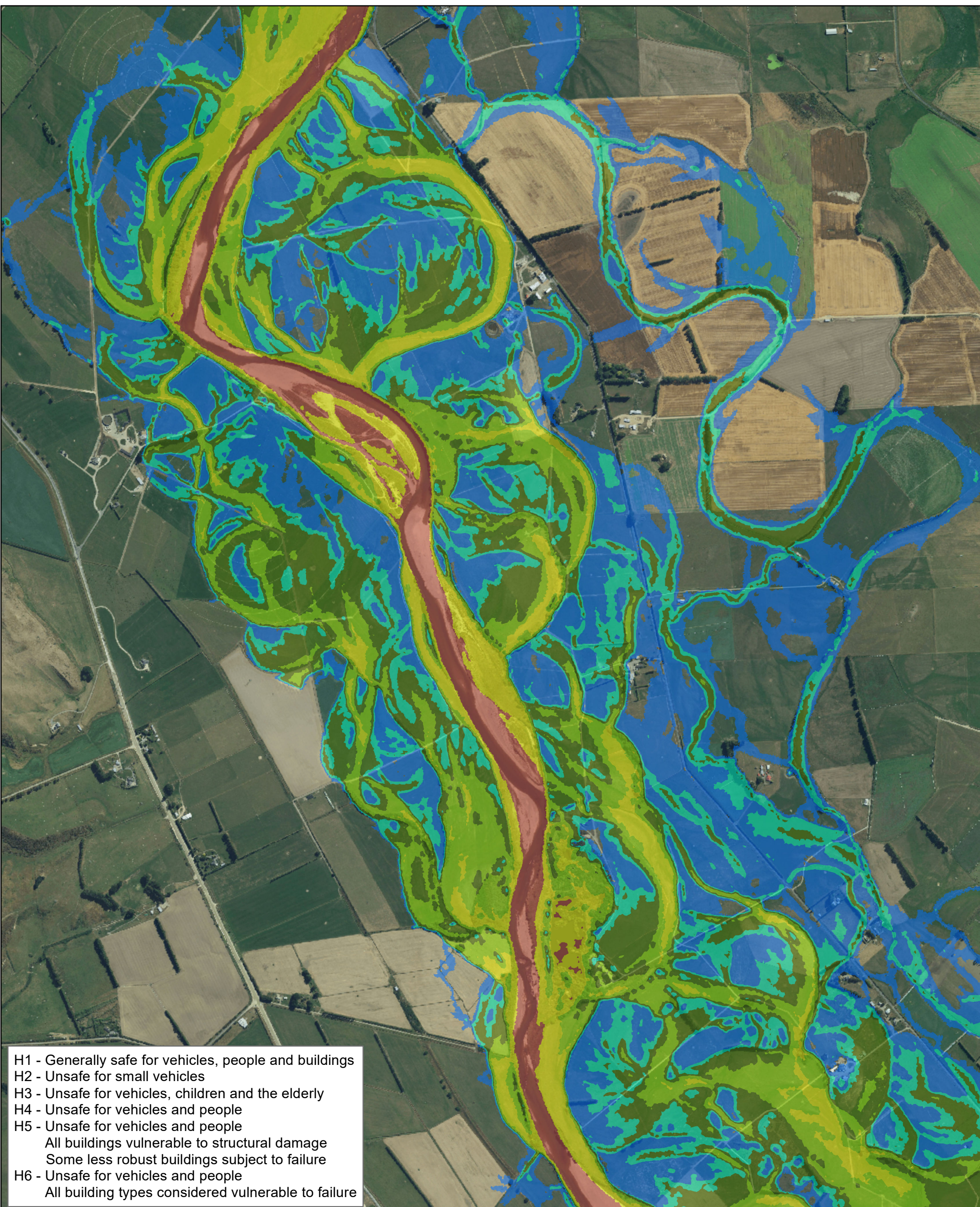


Land River Sea  
CONSULTING



environment  
SOUTHLAND  
REGIONAL COUNCIL  
Te Taiao Tonga





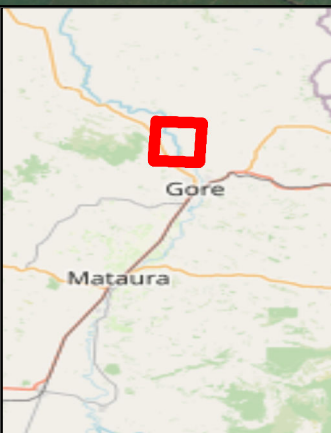
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 All building types considered vulnerable to failure


**Legend**


— Stopbanks

**Hazard Category**

- H6
- H5
- H4
- H3
- H2
- H1



  
**Land River Sea**  
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**environment**  
**SOUTHLAND**  
 REGIONAL COUNCIL  
 Te Taiāo Tonga

0 125 250 500  
 Meters

**A3 SCALE 1:13,000**  
**MAP (1 of 3)**

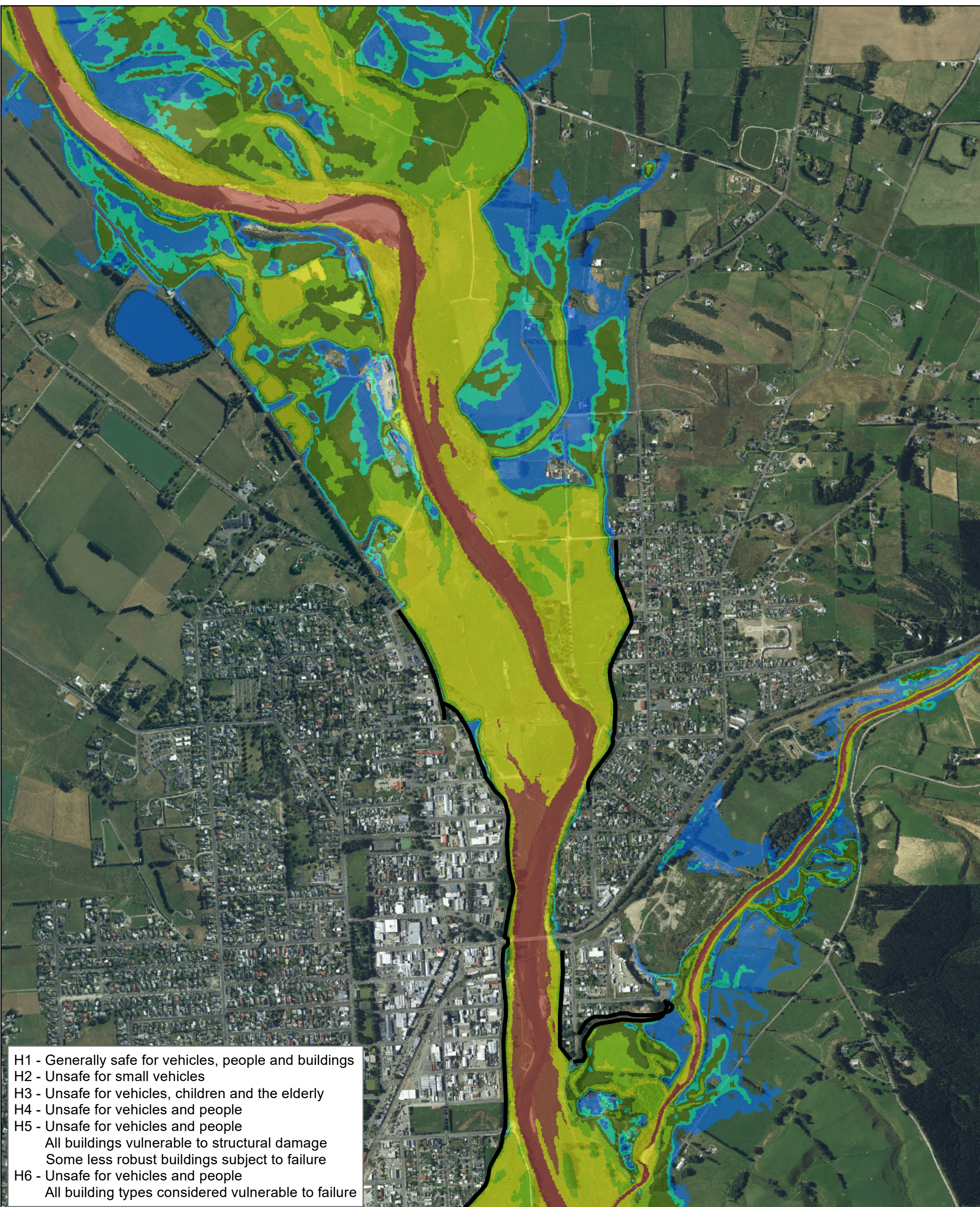
**PROJECT**  
**Matura River Modelling**

**MAP TITLE**  
**PEAK HAZARD MAP**  
**Gore**  
**2% AEP Flow, Historic Climate**

REVISION	<b>01</b>	Created By	SP	Reviewed By	MG	 N
AUTHOR	<b>Matthew Gardner</b>			DATE	<b>17/06/2024</b>	

**Model Information**  
 Coordinate System: New Zealand Transverse Mercator  
 Vertical Datum: NZVD2016  
 Model Completed: October 2023

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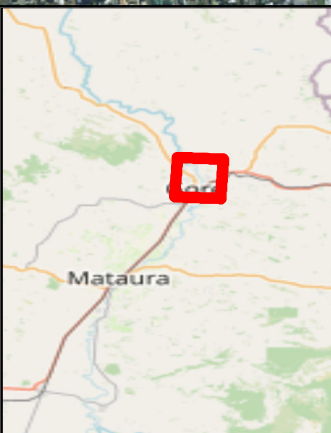
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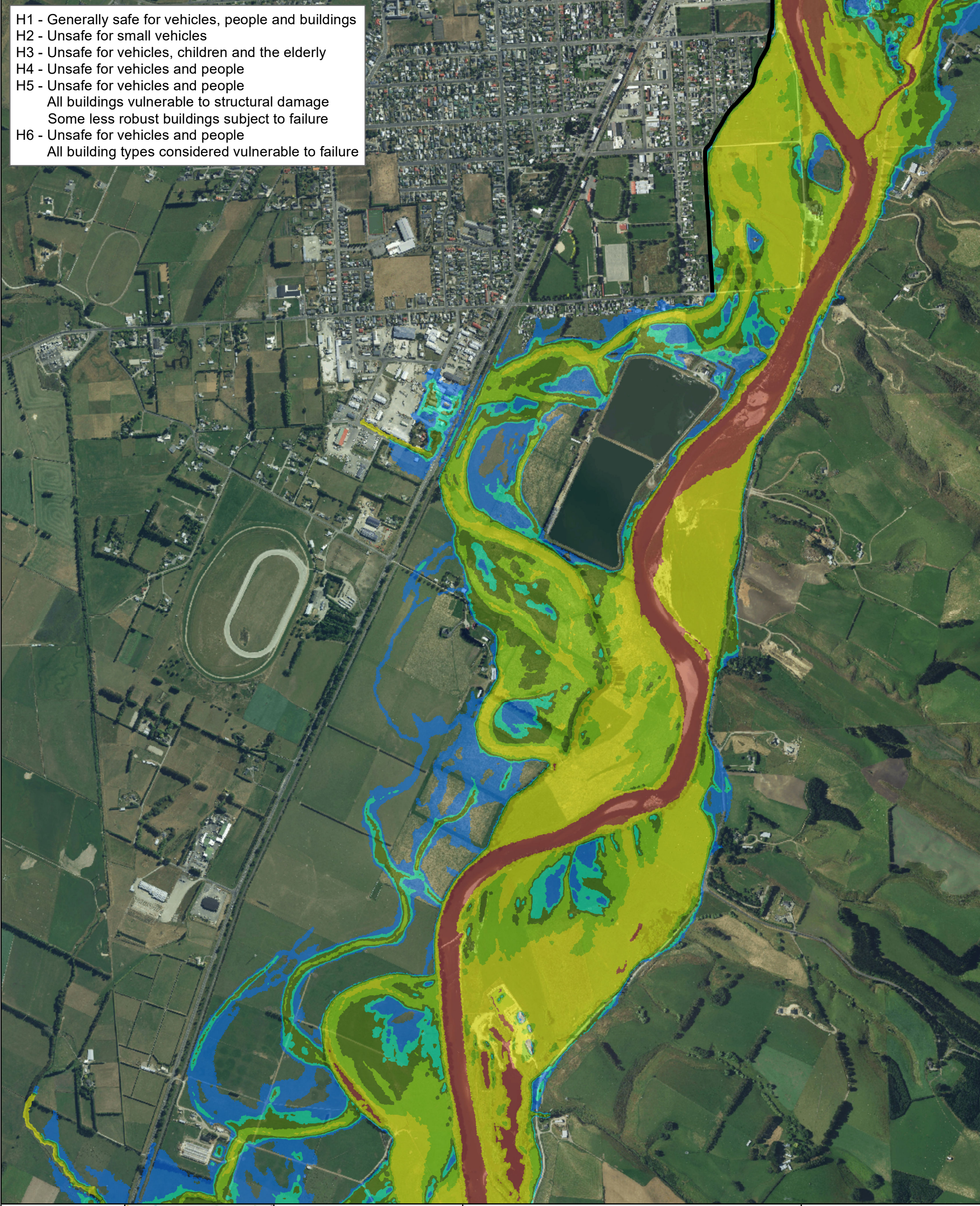
  
**environment**  
**SOUTHLAND**  
 REGIONAL COUNCIL  
 Te Taiāo Tonga

0 125 250 500  
 Meters

A3 SCALE **1:13,000**  
 MAP (2 of 3)

<b>PROJECT</b>					<b>Matura River Modelling</b>					Model Information Coordinate System: New Zealand Transverse Mercator Vertical Datum: NZVD2016 Model Completed: October 2023				
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**A3 SCALE 1:13,000**  
**MAP (3 of 3)**

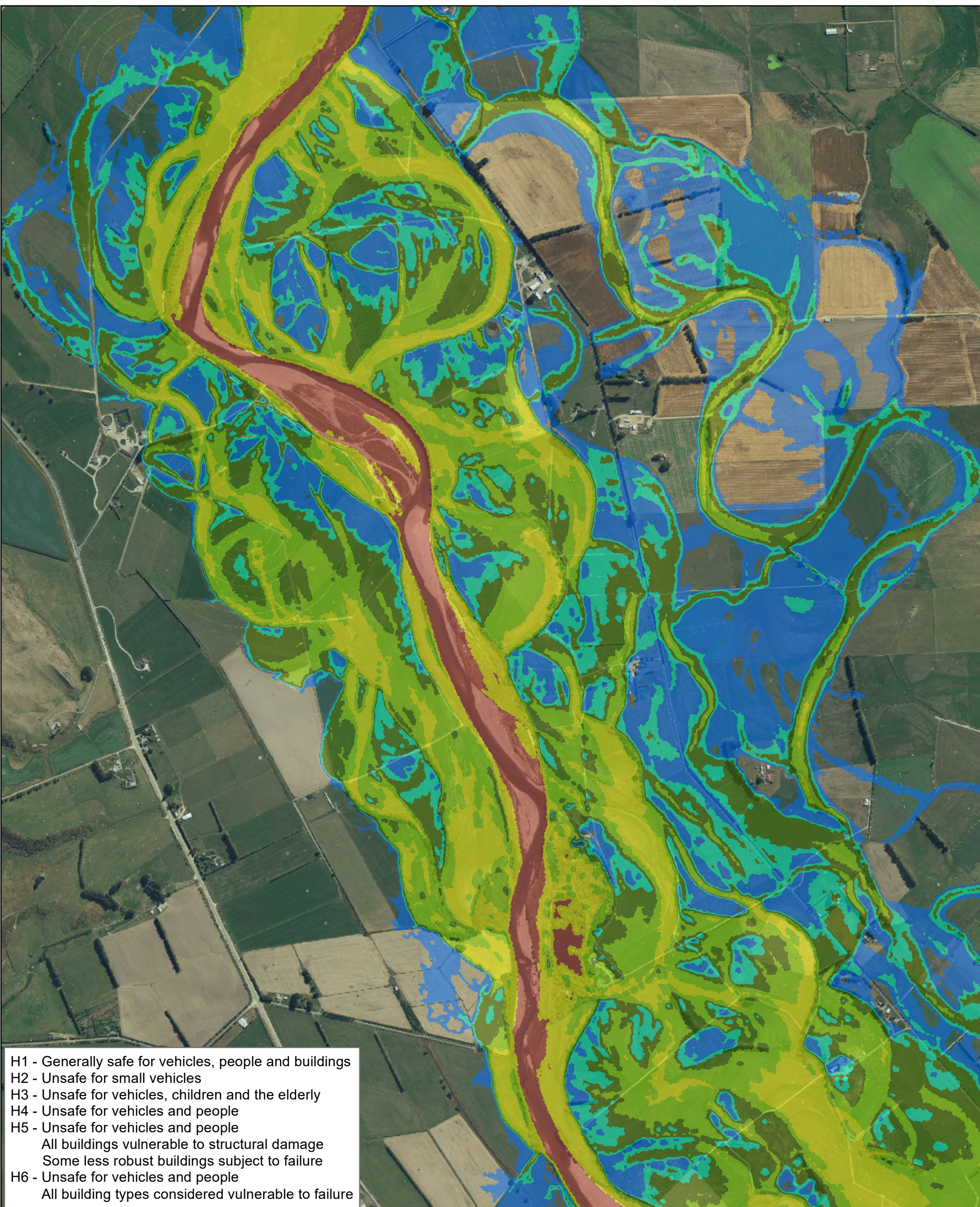
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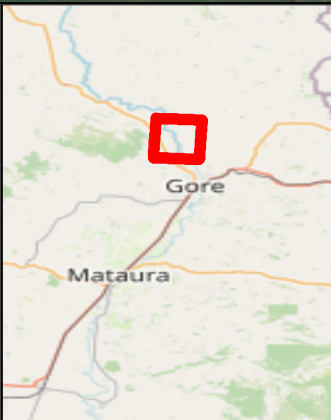
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A3 SCALE **1:13,000**

MAP (1 of 3)

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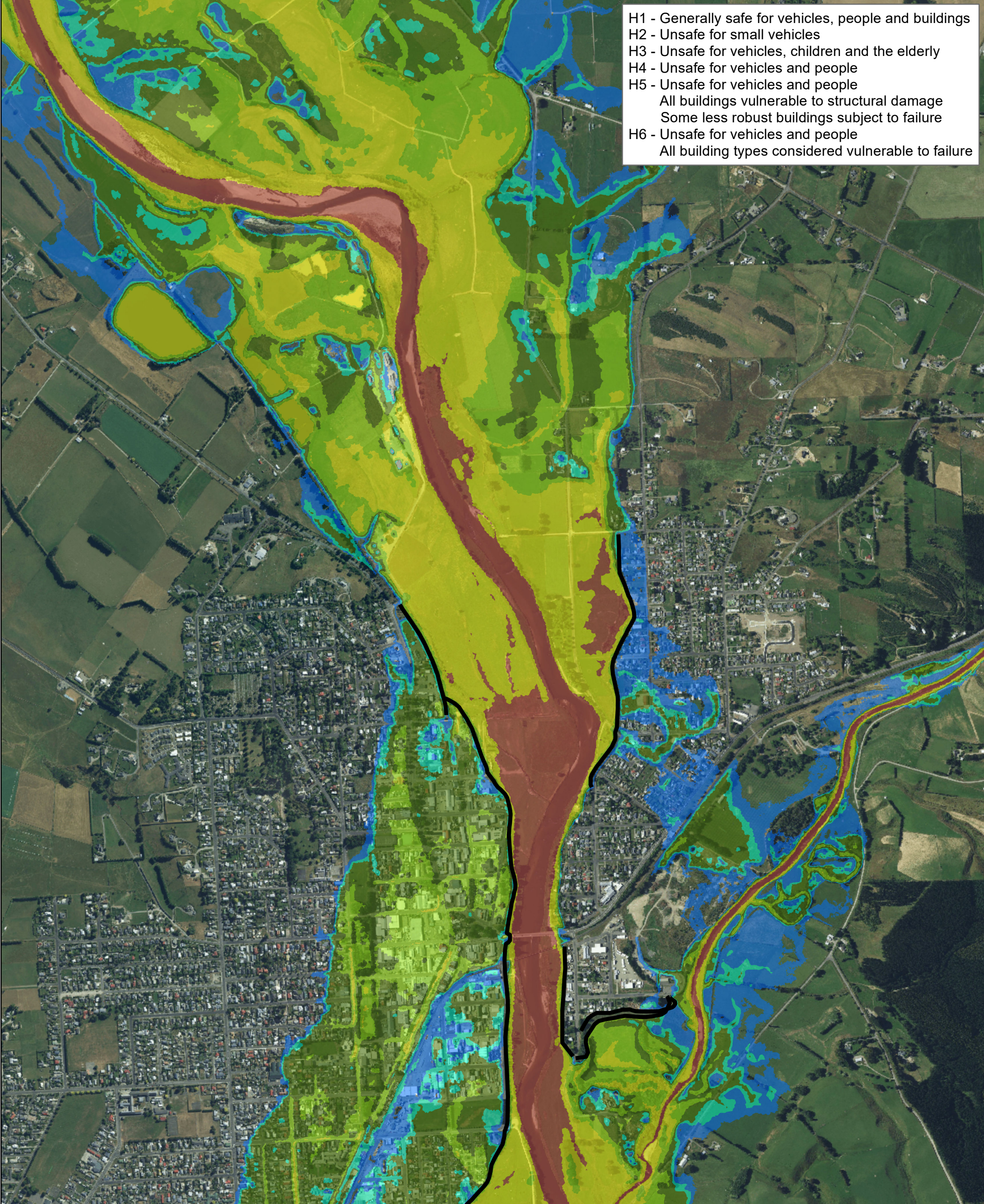
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Te Taiao Tonga

A3 SCALE **1:13,000**

MAP (2 of 3)

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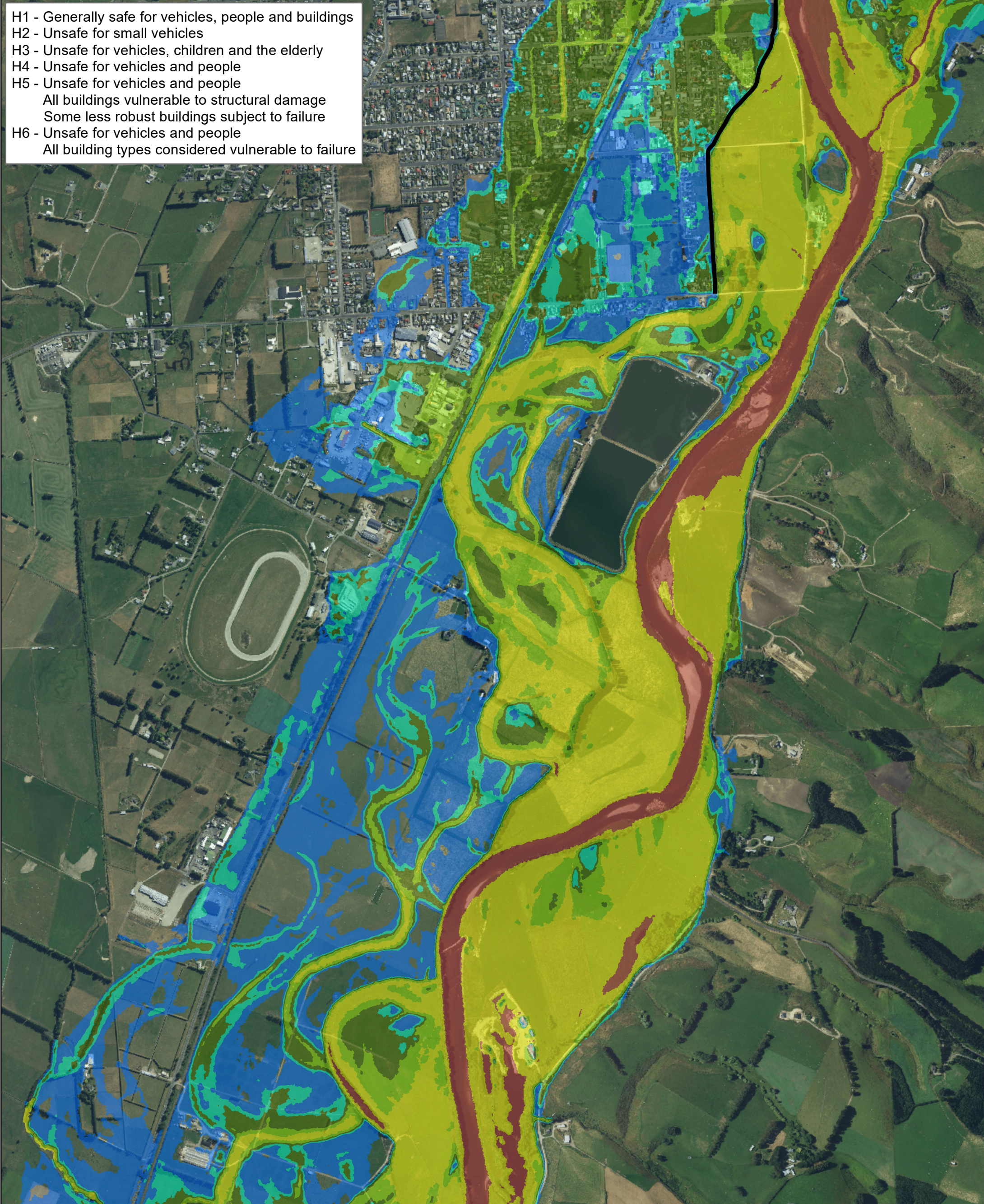
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Te Taiao Tonga

A3 SCALE **1:13,000**

MAP (3 of 3)

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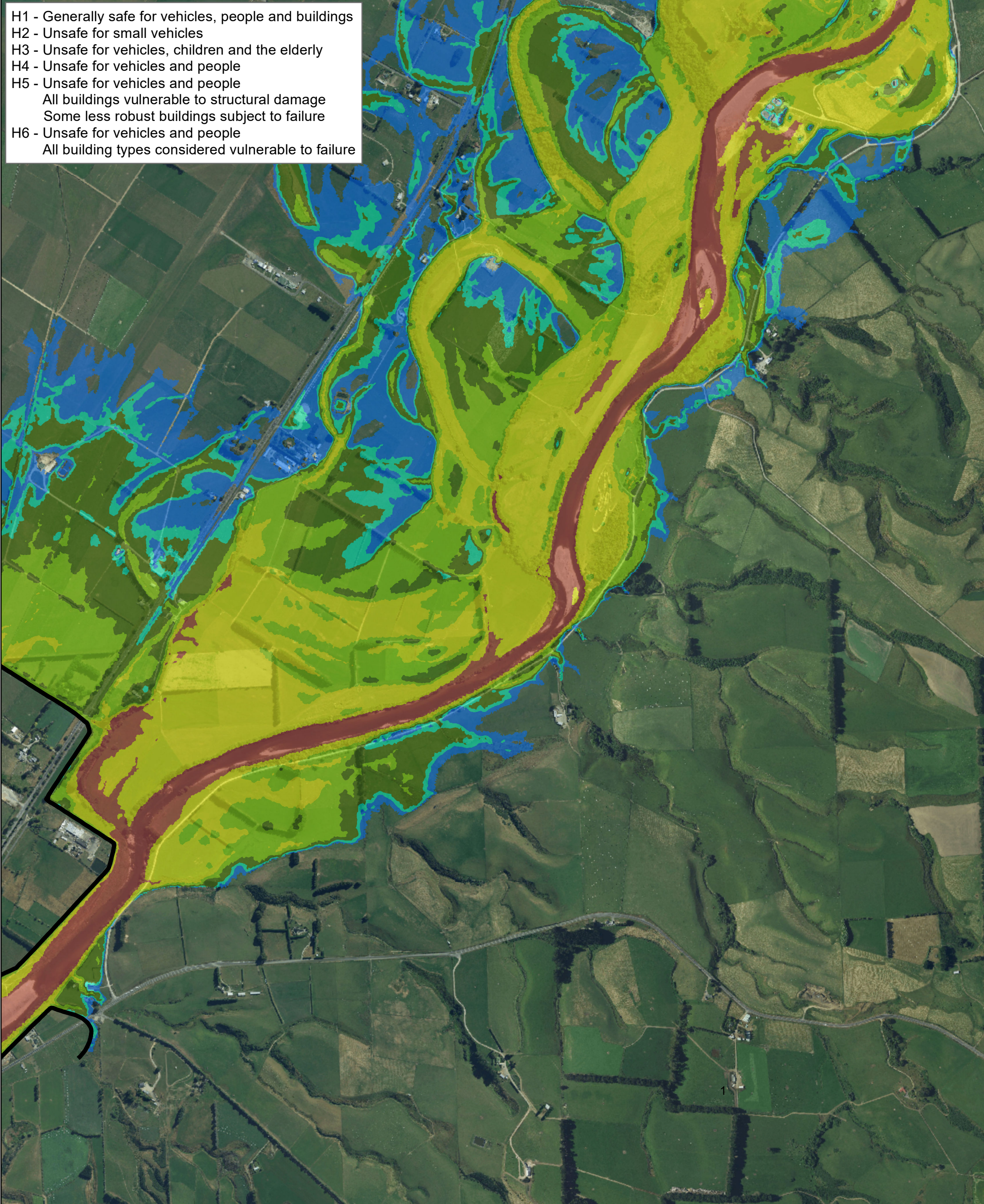
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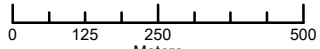




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environment  
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0 125 250 500  
Meters

A3 SCALE **1:13,000**

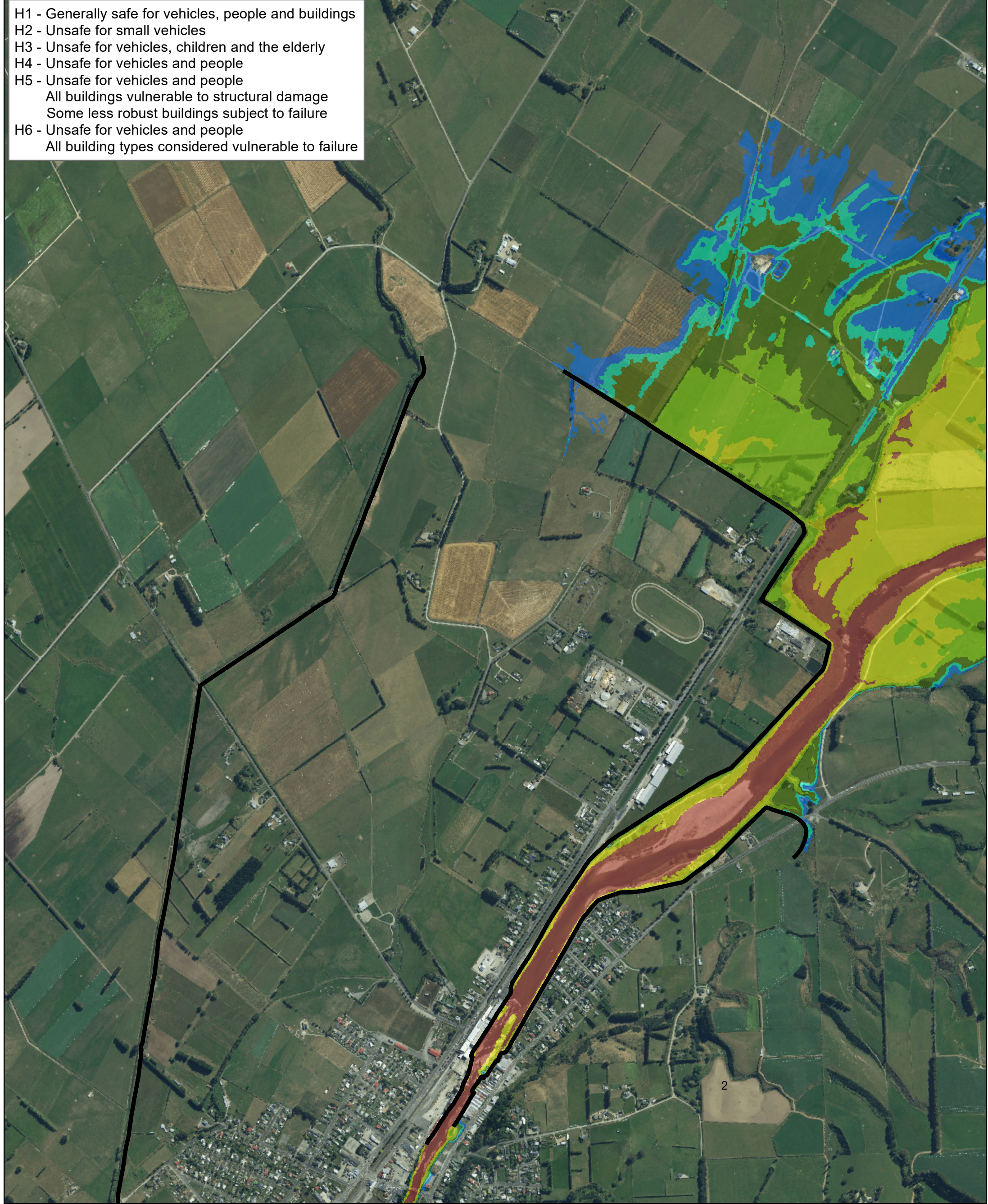
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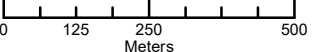
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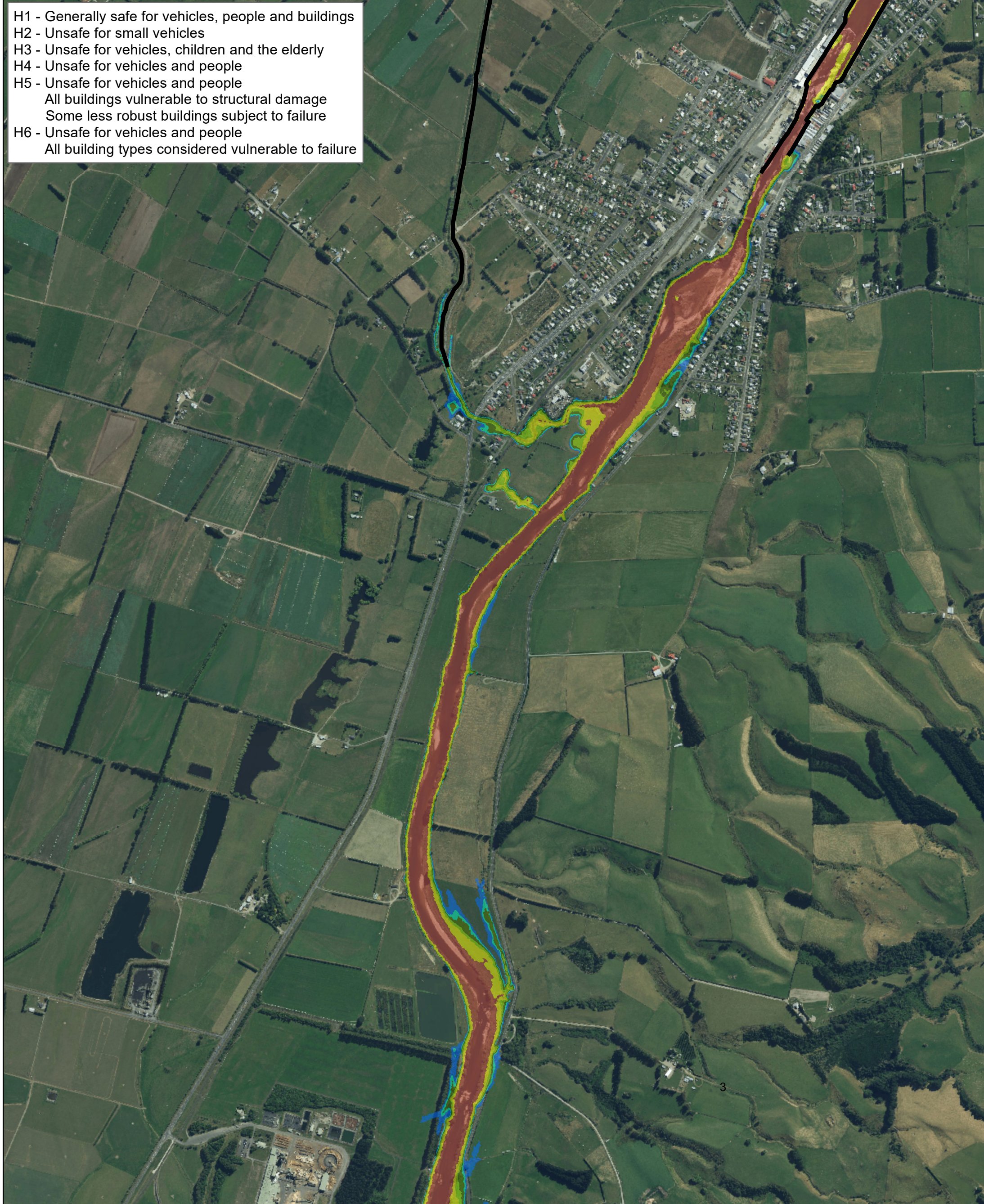
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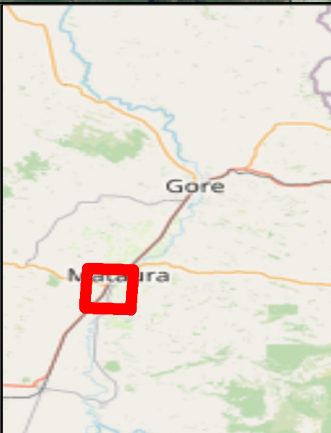



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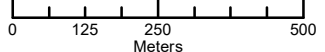




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0 125 250 500  
Meters

A3 SCALE **1:13,000**

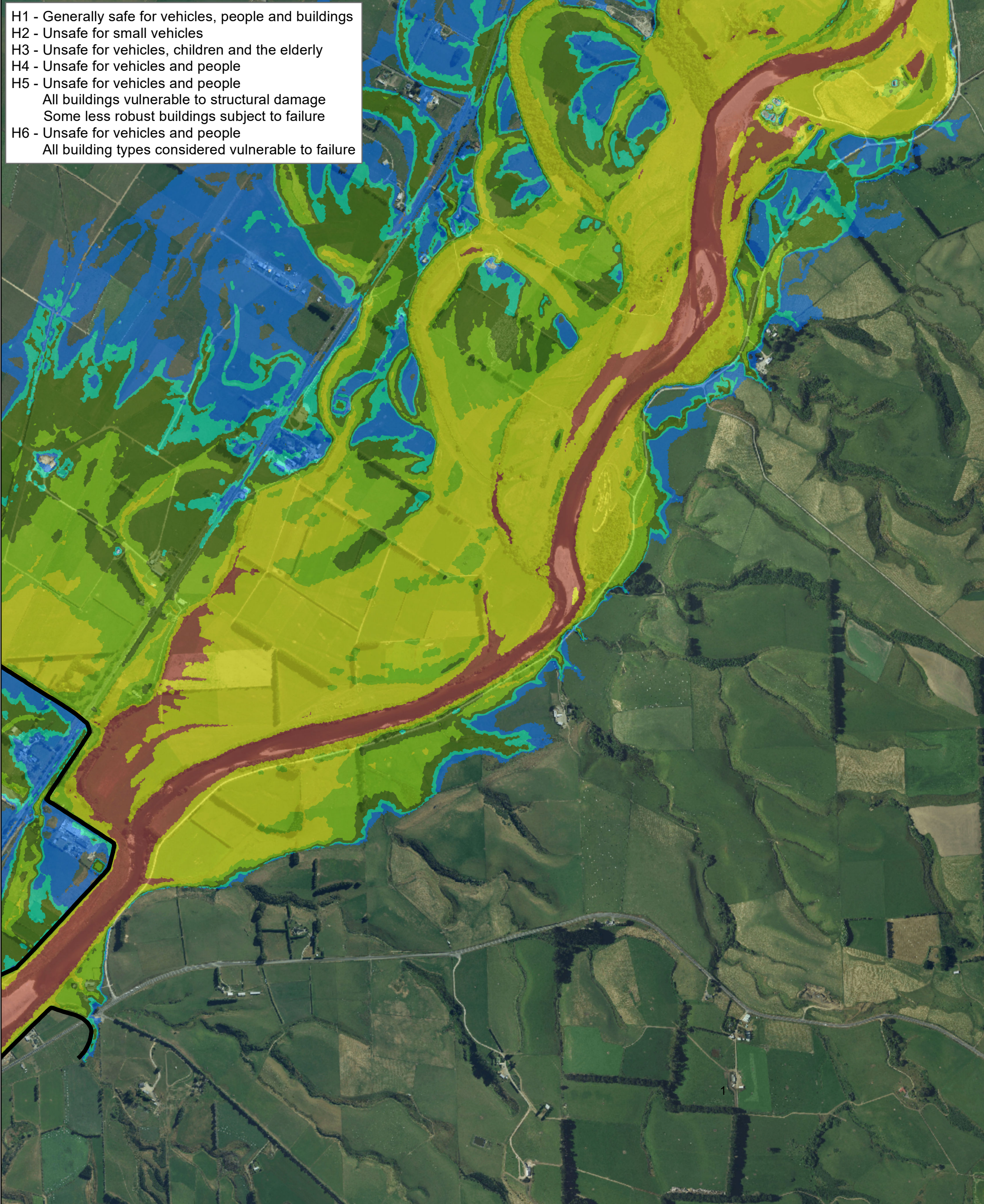
MAP (3 of 3)

<b>PROJECT</b>						
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Te Taiao Tonga

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MAP (1 of 3)

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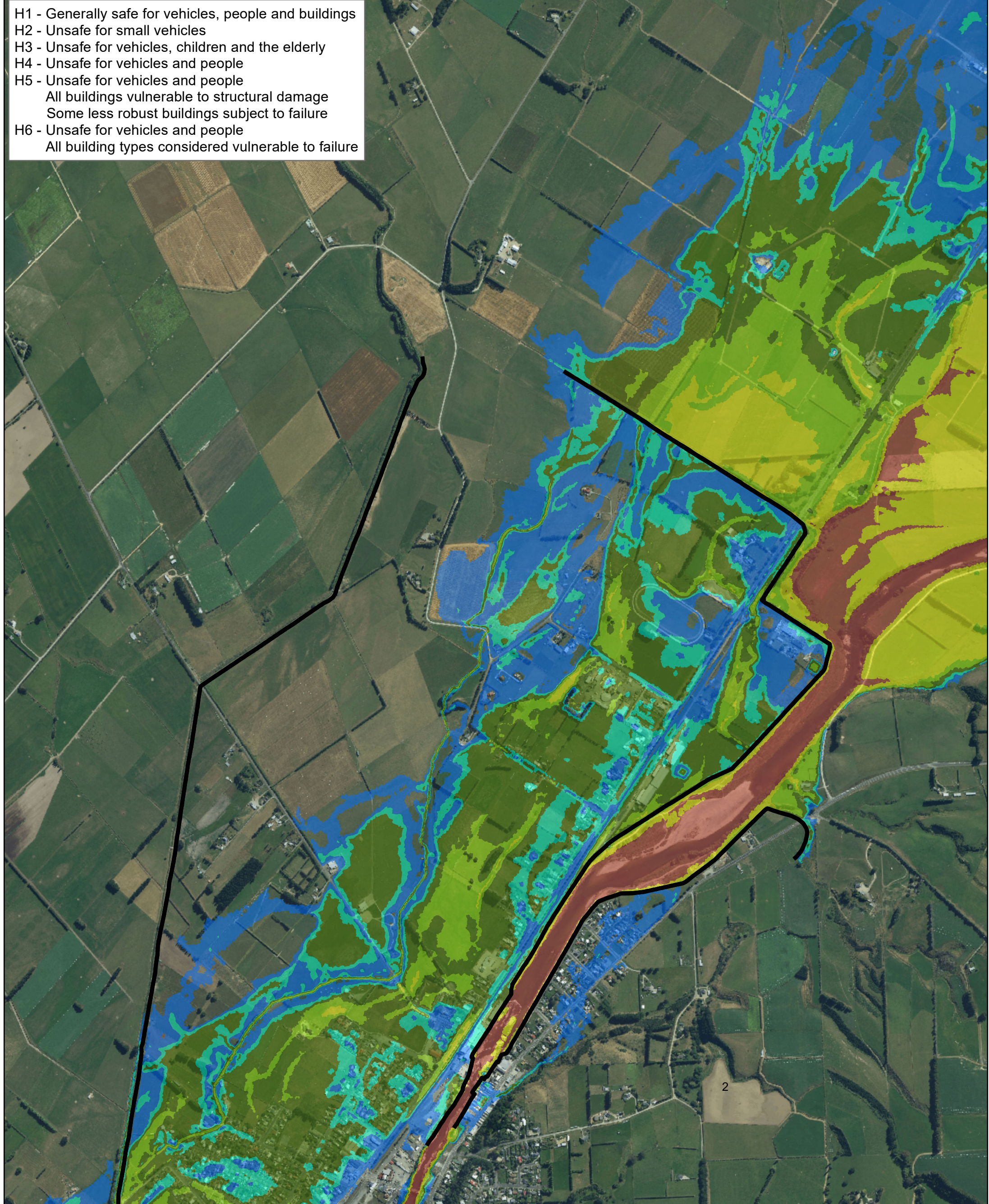
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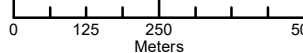
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**A3 SCALE 1:13,000**  
**MAP (2 of 3)**

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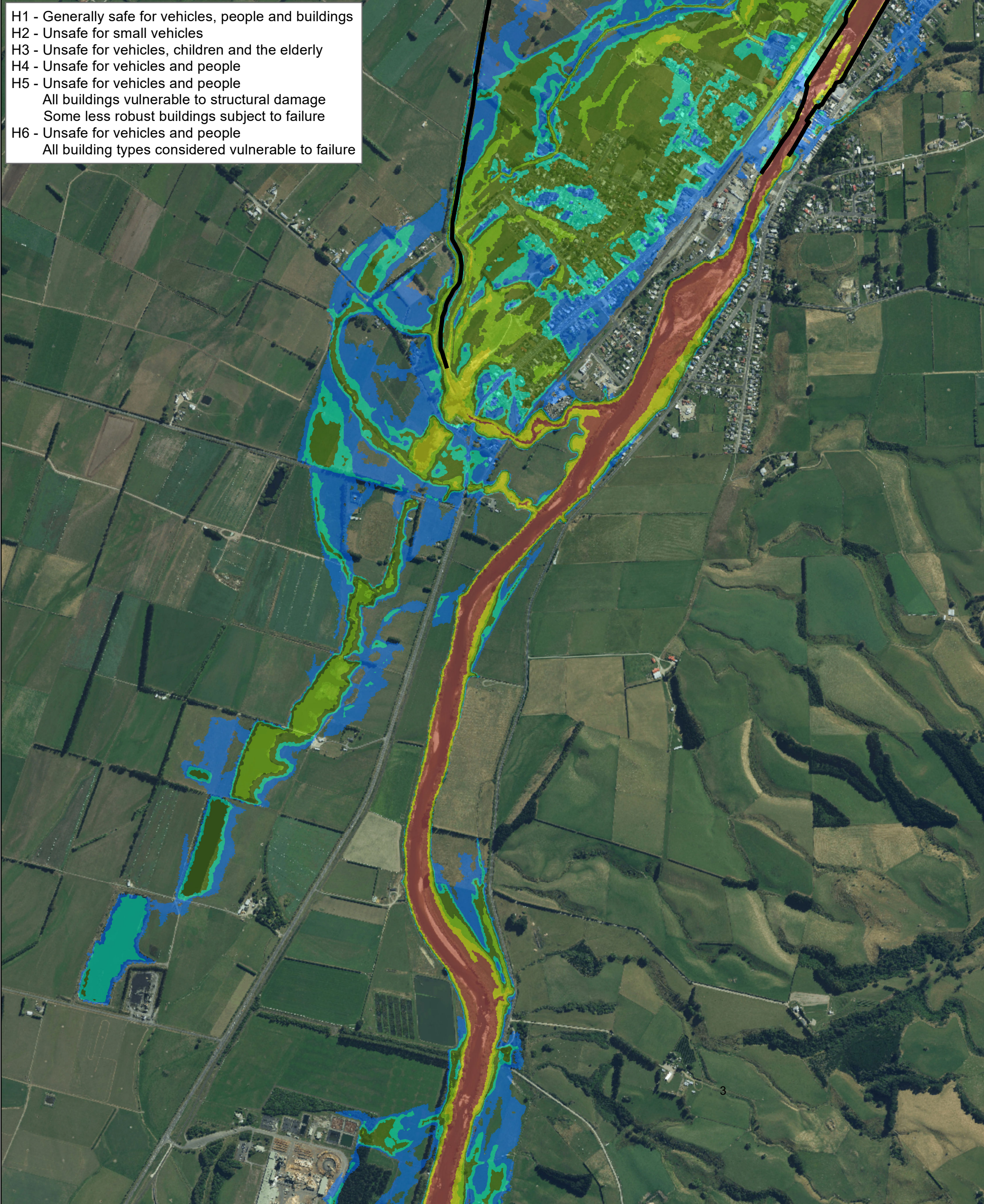
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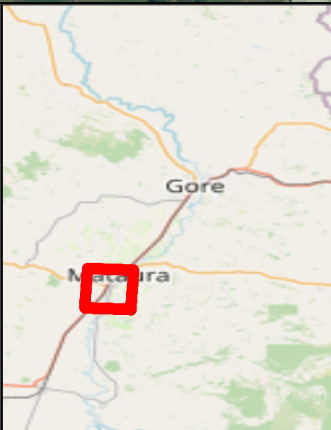



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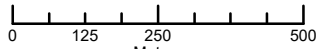




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A3 SCALE **1:13,000**

MAP (3 of 3)

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