

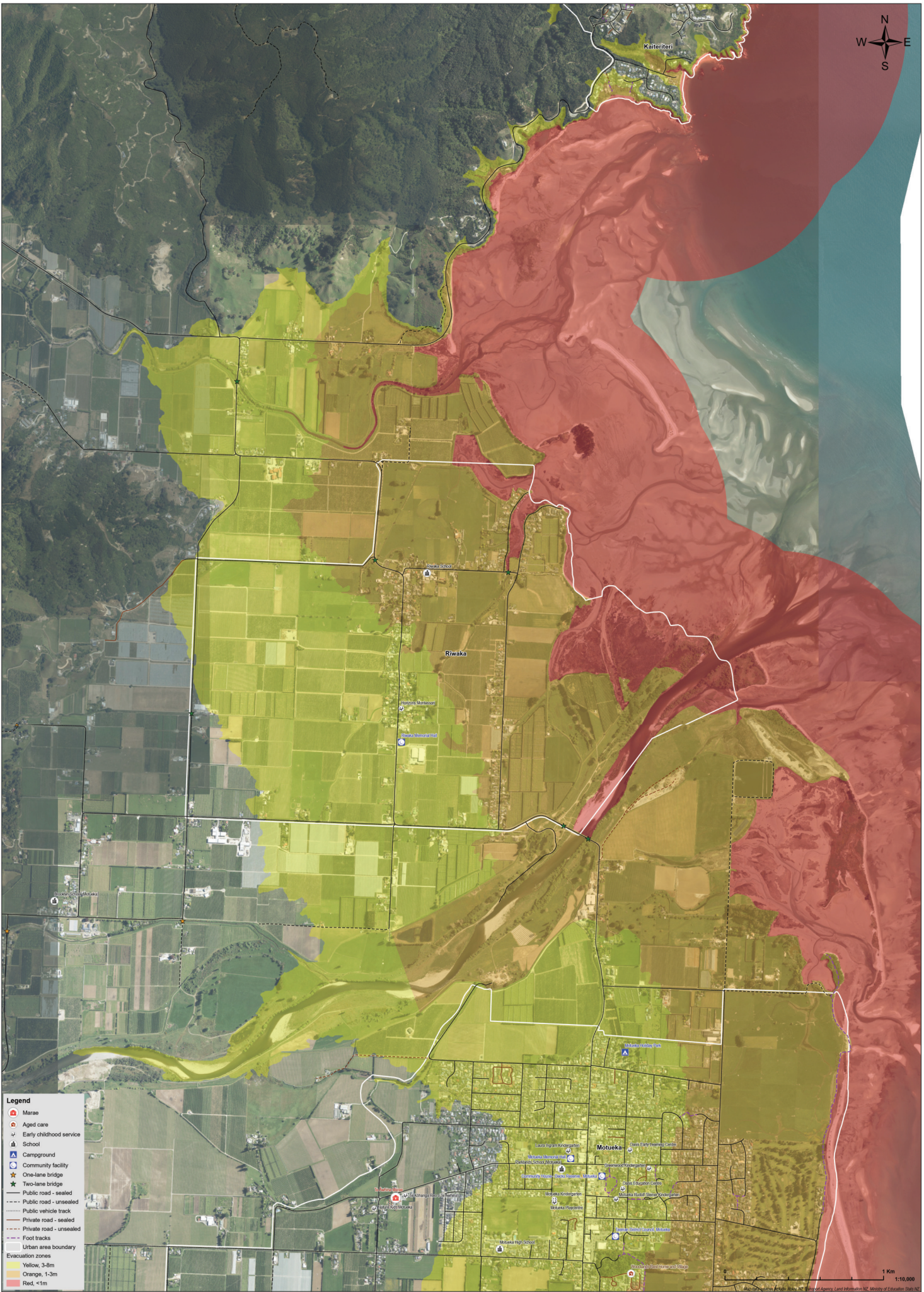


# Framework for evacuation routes – Appendix D: case study maps – pages 6-10

October 2021

Dale Harris, Rebecca Tuke and Dave Smith, Abley Limited  
Matthew Hughes, University of Canterbury

**Waka Kotahi NZ Transport Agency research report 681**  
Contracted research organisation – Abley Limited



- Legend**
- Maree
  - Aged care
  - Early childhood service
  - School
  - Campground
  - Community facility
  - One-lane bridge
  - Two-lane bridge
  - Public road - sealed
  - Public road - unsealed
  - Public vehicle track
  - Private road - sealed
  - Private road - unsealed
  - Foot tracks
  - Urban area boundary
- Evacuation zones**
- Yellow, 3-8m
  - Orange, 1-3m
  - Red, <1m

Tsunami: community evacuation planning maps

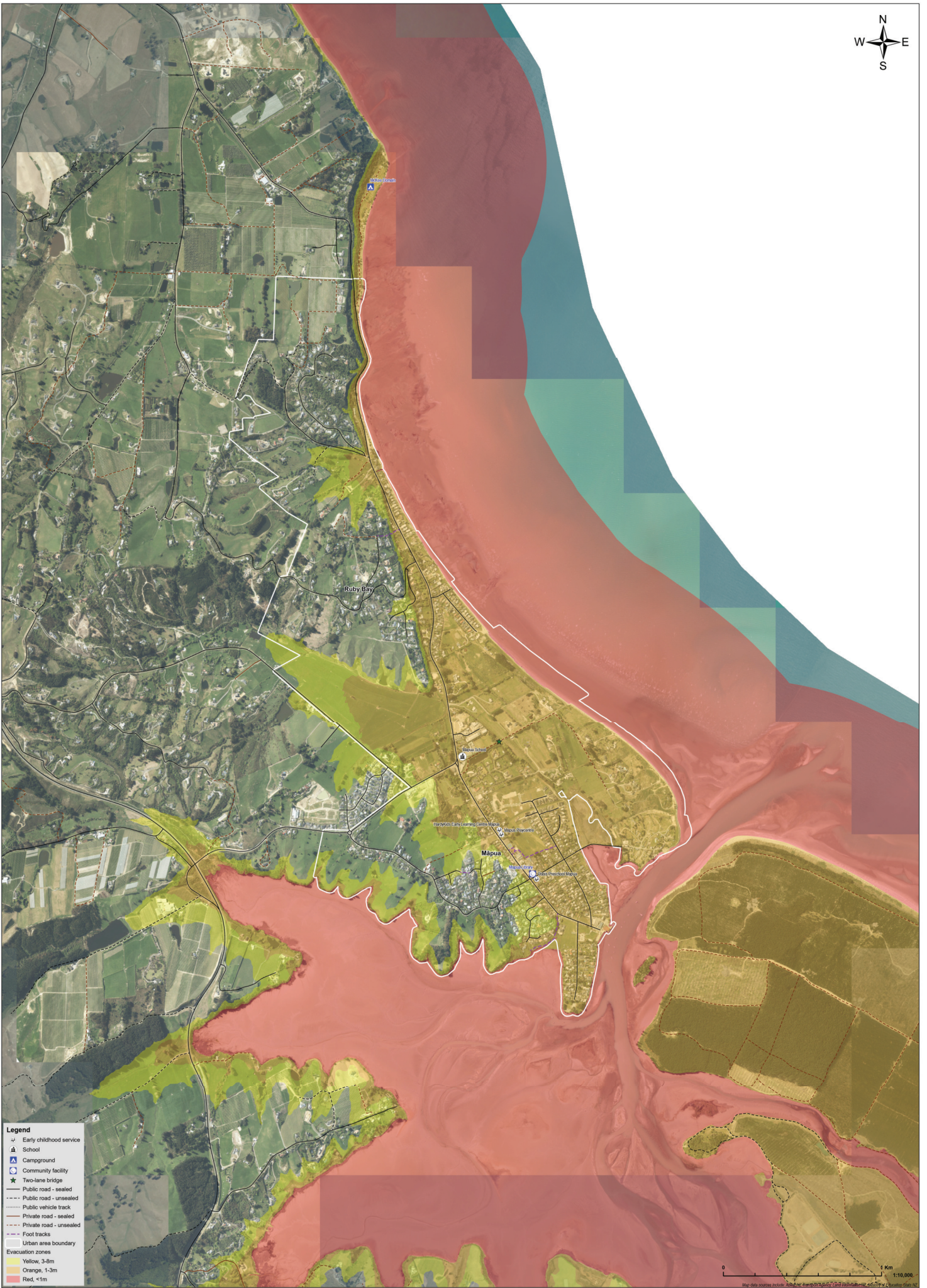
Riwaka

1 Km  
1:10,000



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Date updated: 28/03/2021 13:21 PM File: C:\Users\abley\OneDrive - Abley Ltd\Work\tsunami\tsunami\evacuation\evacuation\_zones\evacuation\_zones\_map\_1251000.aprx



- Legend**
- Early childhood service
  - School
  - Campground
  - Community facility
  - Two-lane bridge
  - Public road - sealed
  - Public road - unsealed
  - Public vehicle track
  - Private road - sealed
  - Private road - unsealed
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  - Urban area boundary
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- Yellow, 3-8m
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Tsunami: community evacuation planning maps

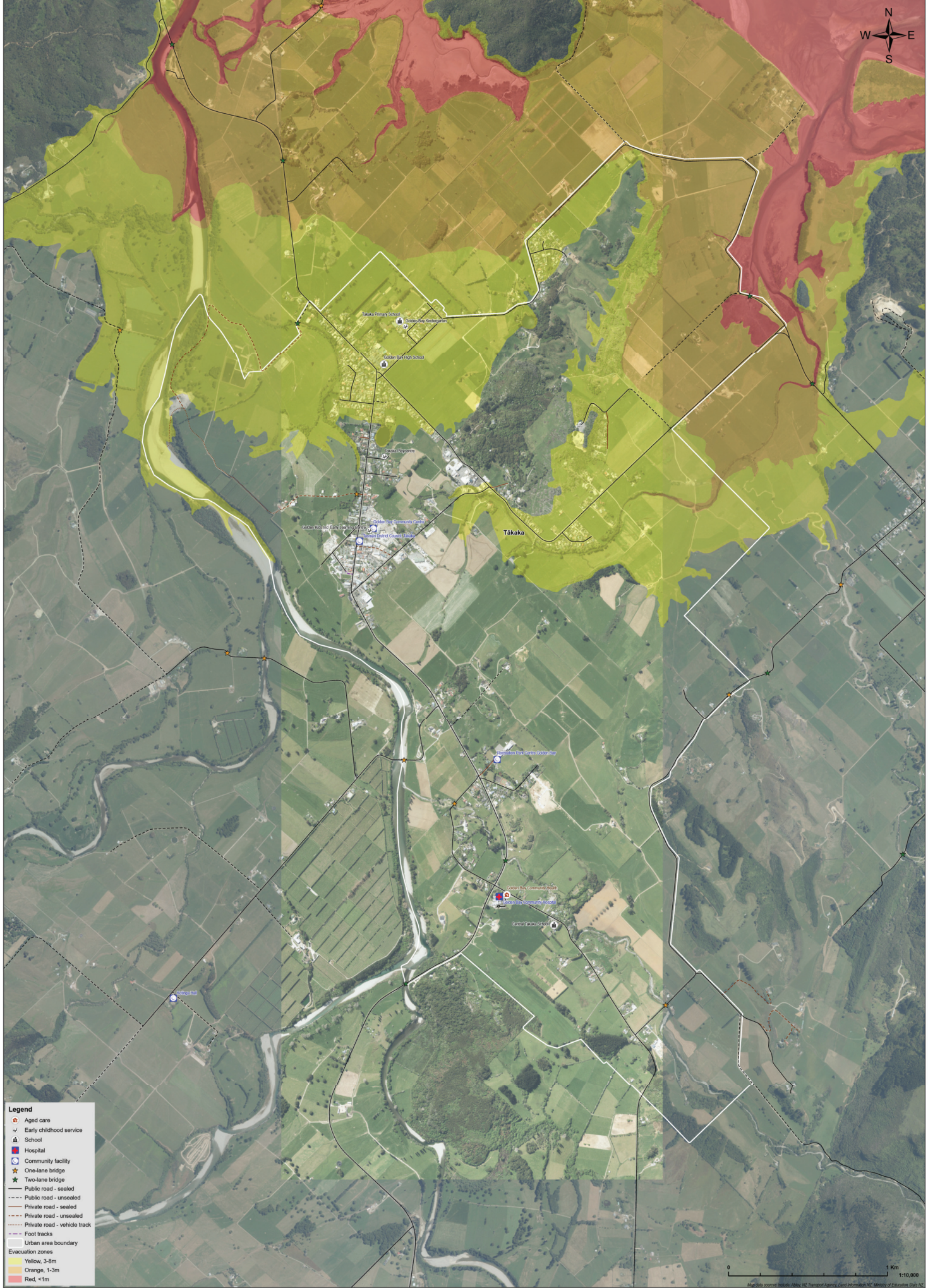
Ruby Bay/Māpua

0 4 Km  
1:10,000  
Map data source: Esri, DeLorme, GeoEye, IGN, AeroGRID, IGN, Esri, Swire



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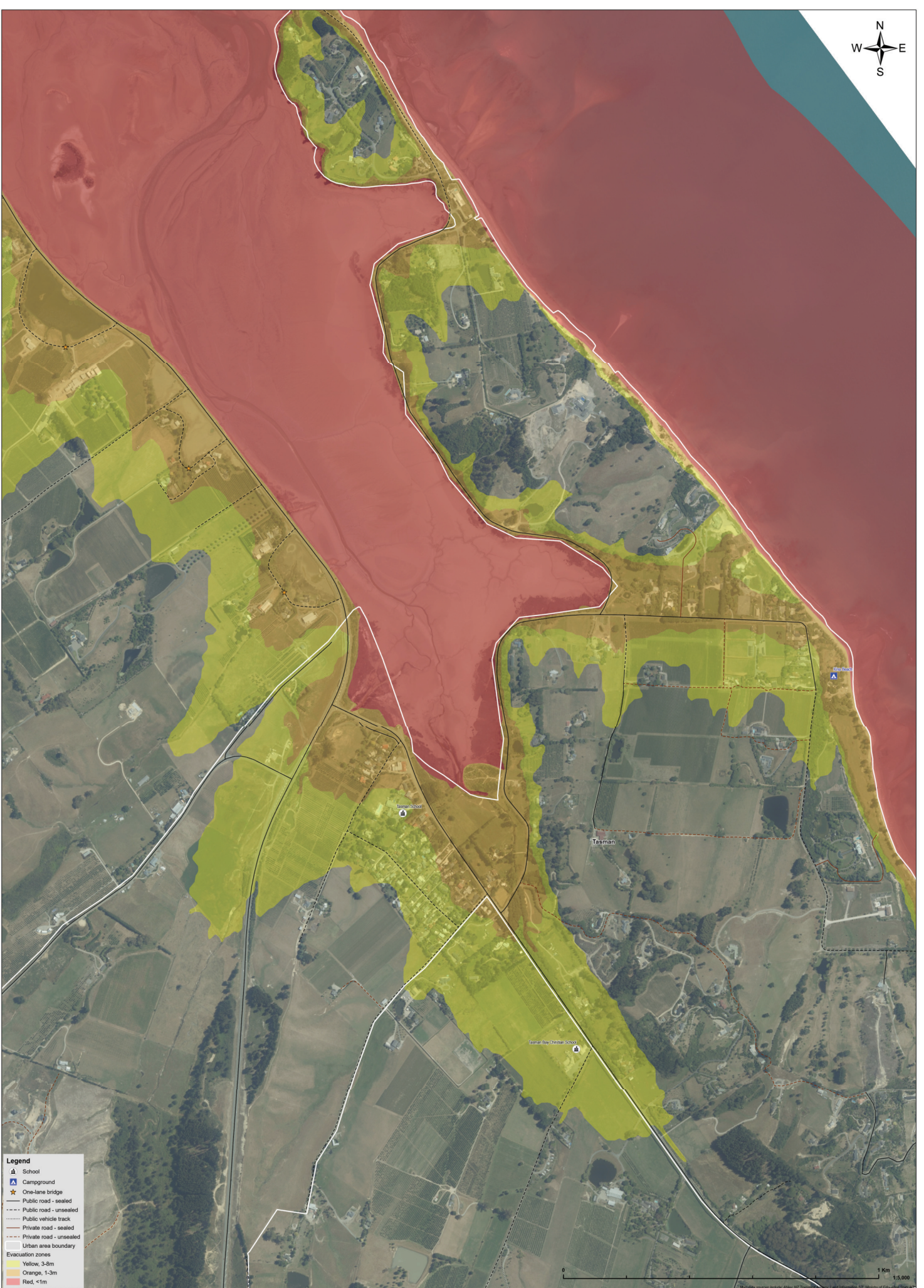
**Legend**

- Aged care
- Early childhood service
- School
- Hospital
- Community facility
- One-lane bridge
- Two-lane bridge
- Public road - sealed
- Private road - sealed
- Private road - unsealed
- Private road - vehicle track
- Foot tracks
- Urban area boundary

**Evacuation zones**

- Yellow, 3-8m
- Orange, 1-3m
- Red, <math><1\text{m}</math>



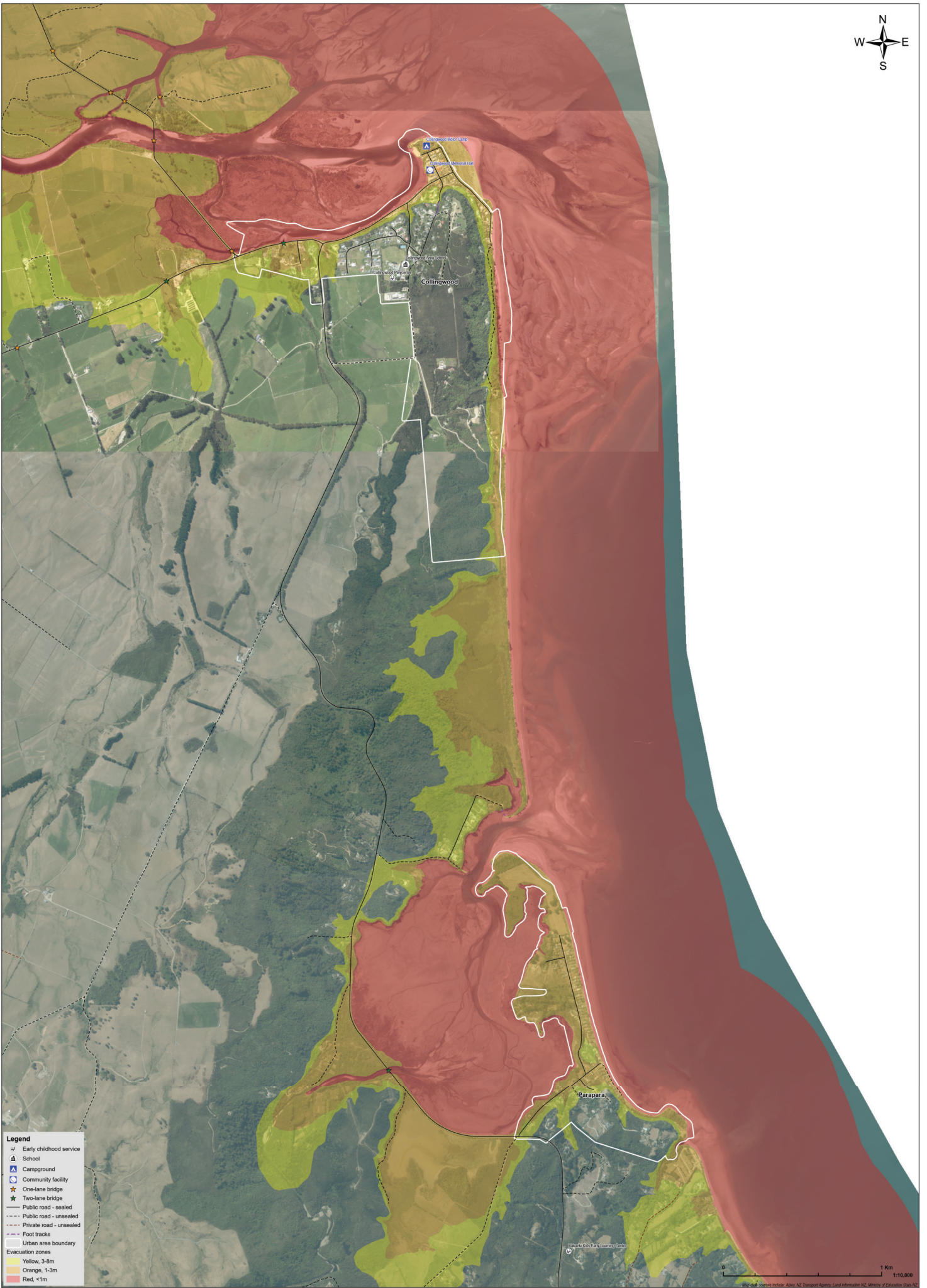


**Legend**

- School
- Campground
- One-lane bridge
- Public road - sealed
- Public road - unsealed
- Public vehicle track
- Private road - sealed
- Private road - unsealed
- Urban area boundary

**Evacuation zones**

- Yellow, 3-8m
- Orange, 1-3m
- Red, <math>< 1\text{m}</math>



- Legend**
- Early childhood service
  - School
  - Campground
  - Community facility
  - One-lane bridge
  - Two-lane bridge
  - Public road - sealed
  - Public road - unsealed
  - Private road - unsealed
  - Foot tracks
  - Urban area boundary
- Evacuation zones**
- Yellow, 3-8m
  - Orange, 1-3m
  - Red, <1m

Tsunami: community evacuation planning maps

Collingwood/Parapara

