

Pourerere

Setting

Pourerere comprises a long narrow sandy berm backed by low hills and bounded by Paoanui Point and Tuingara Point. Residential development is focussed adjacent to the stream at the north and is largely situated on the landward side of the coastal road. The road extends to the south to a caravan park and residential lots adjacent to Tuingara Point and the entire road is susceptible to erosion risk.



The area comprises a perched beach with a broad intertidal system a narrow dune system/bank. The dune/bank elevation is moderate to low with a crest elevation of around 1.5 m. There is evidence of foreshore protection structures at the seaward edge of the motor camp and localised erosion evident adjacent to the road. Stream erosion also contributes to shore erosion adjacent to residential development.

Hazard Description		Potential Risk		
		Likelihood	Consequence	Risk
CERZ	43 m	Unlikely	Catastrophic	Extreme
ERZ 2060	18 m			
ERZ 2100	18 m	Possible	Catastrophic	Extreme
Total Erosion Zone width	80 m			
Sea Inundation level (CERZ)	16.2 m	Likely	Major	Extreme
Sea Inundation level landward of CERZ	14.0 m	Certain	Major	Extreme

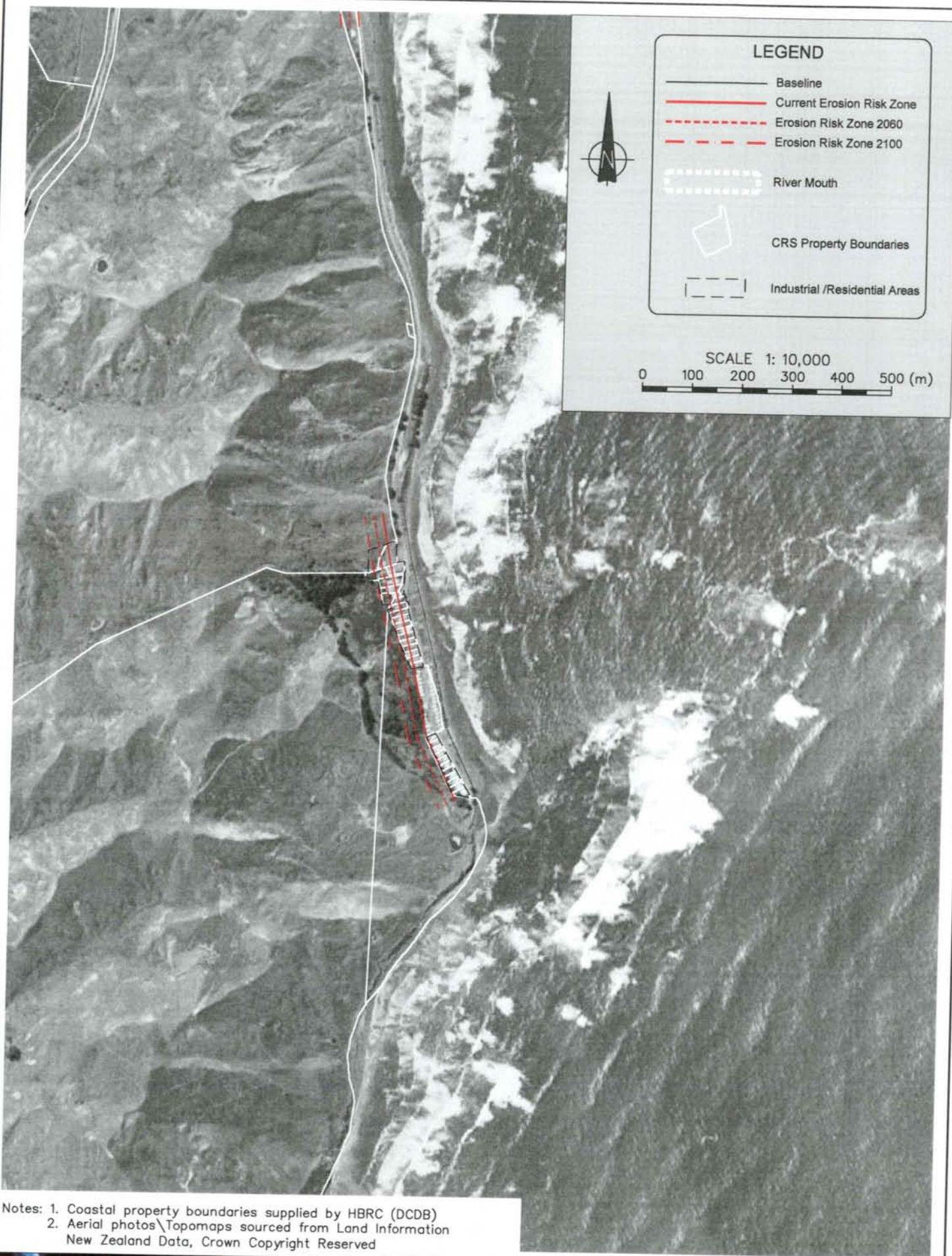
Uncertainties

Inferred trends due to no local data

Uncertainties over future climate change impacts

Recommendations

- No new council infrastructure or new private development to be located within the CERZ
- Establish redevelopment plans for existing dwellings within CERZ, including alternative locations for camp ground, road access (managed retreat)
- All new private development within remaining Erosion Hazard Zone to be relocatable and above inundation levels.
- No further modification of land designation permitted in currently non-residential zoned land within hazard zones
- Dune restoration (re-vegetation) with assistance of community based coast care groups
- Control of access and monitor shoreline change
- Consider viability of maintaining road access to southern end of Pourerere and headland control at southern end of beach



LEGEND

- Baseline
- Current Erosion Risk Zone
- - - Erosion Risk Zone 2060
- . - Erosion Risk Zone 2100
- - - - - River Mouth
- CRS Property Boundaries
- - - - - Industrial /Residential Areas

SCALE 1: 10,000
 0 100 200 300 400 500 (m)

Notes: 1. Coastal property boundaries supplied by HBRC (DCDB)
 2. Aerial photos\Topomaps sourced from Land Information New Zealand Data, Crown Copyright Reserved

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 Environmental & Engineering Consultants

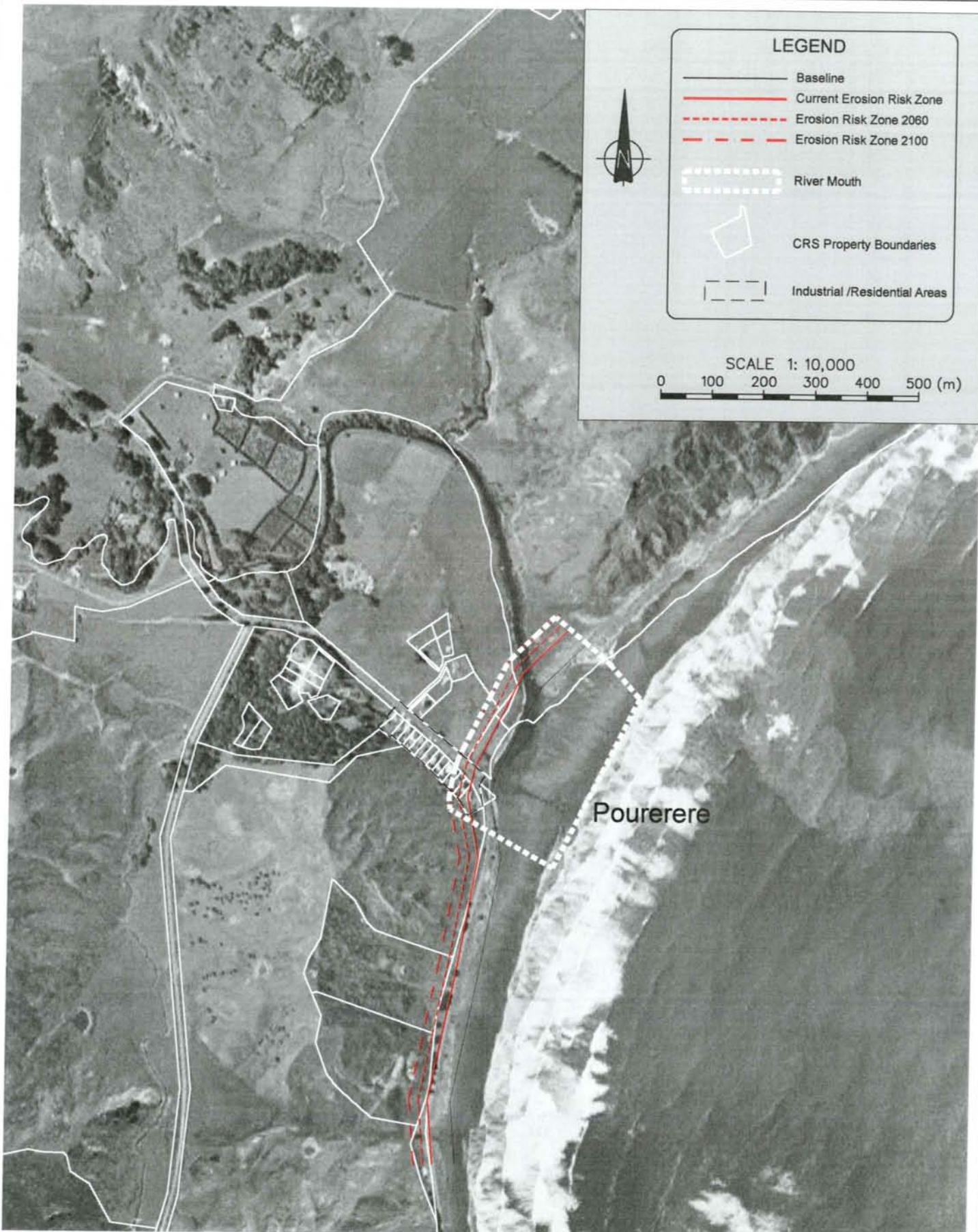
Hamilton Auckland Christchurch
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DRAWN	BKD	Sep.03
DRAFTING CHECKED		
APPROVED		
CADFILE :		
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SCALES (AT A4 SIZE)		
1: 10 000		
PROJECT No.	205 14	

HAWKES BAY REGIONAL COUNCIL
 REGIONAL COASTAL HAZARD ASSESSMENT
 HAZARD ZONE DEFINITIONS
 Pouterere South

FIG. No. Figure 7.04

REV. 1



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 Nelson Wellington Whangarei

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SCALES (AT A4 SIZE)	1: 10 000	
PROJECT No.	205 14	

HAWKES BAY REGIONAL COUNCIL
REGIONAL COASTAL HAZARD ASSESSMENT
HAZARD ZONE DEFINITIONS
 Pourerere North

FIG. No. Figure 7.05

REV. 1