

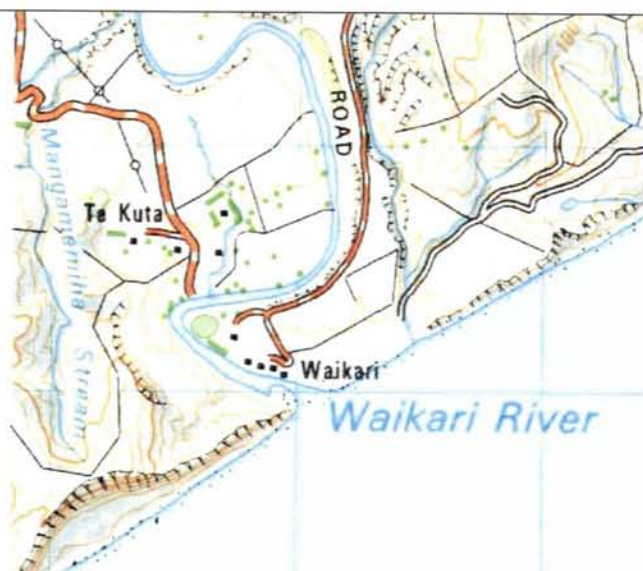
Waikari

Setting

The sandy beach lies within an incised river valley with baches situated on alluvial plains along the river edge away from the coastal environment. The beach is formed along the mouth of the stream, with the current discharge position to the south and a lagoon extends along the length of the beach.

Shoreline movement is likely to be significant due to the combination of beach and river processes, therefore the entire spit is subject to erosion hazard.

No existing protection systems are insitu.



Hazard Description

Potential Risk

Hazard Description		Potential Risk		
		Likelihood	Consequence	Risk
CERZ	42.0 m	Unlikely	Minor	Low
ERZ 2060	3 m			
ERZ 2100	4 m	Possible	Minor	Moderate
Total Erosion Zone width	Entire spit			
Sea Inundation level (CERZ)	15.8 m	Likely	Insignificant	Moderate
Sea Inundation level landward of CERZ	13.9 m	Certain	Insignificant	Moderate

Uncertainties

Inferred trends due to no local data

Uncertainties over future climate change impacts

Recommendations

- Ensure adequate planning responses to address potential hazards
- No further modification of land designation permitted within hazard zones
- Dune vegetation and access management
- Monitor shoreline change

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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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DRAWN	BKD	Sep.03
DRAFTING CHECKED		
APPROVED		
CADFILE : L:\205 14\205 14-F7		
SCALES (AT A4 SIZE) 1: 10 000		
PROJECT No. 205 14		

HAWKES BAY REGIONAL COUNCIL
 REGIONAL COASTAL HAZARD ASSESSMENT
 HAZARD ZONE DEFINITIONS
 Waikari

FIG. No. **Figure 7.28**

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