

Waipatiki

Setting

Waipatiki settlement and road access lies within a low lying valley and flood plain of the Waipatiki stream. Waipatiki Beach is a relatively small white sand surf beach confined by large headlands on either side. A number of streams discharge through the valley that can result in catchment flooding. The beach discharge position appears subject to significant change.



Development is situated well back from the active beach system.

No shoreline protection structures are present.

Hazard Description		Potential Risk		
CERZ	42.0 m	Likelihood	Consequence	Risk
ERZ 2060	3 m	Unlikely	Minor	Low
ERZ 2100	4 m	Possible	Minor	Moderate
Total Erosion Zone width	49 m	Likely	Insignificant	Moderate
Sea Inundation level (CERZ)	15.5 m	Certain	Insignificant	Moderate
Sea Inundation level landward of CERZ	13.8 m			

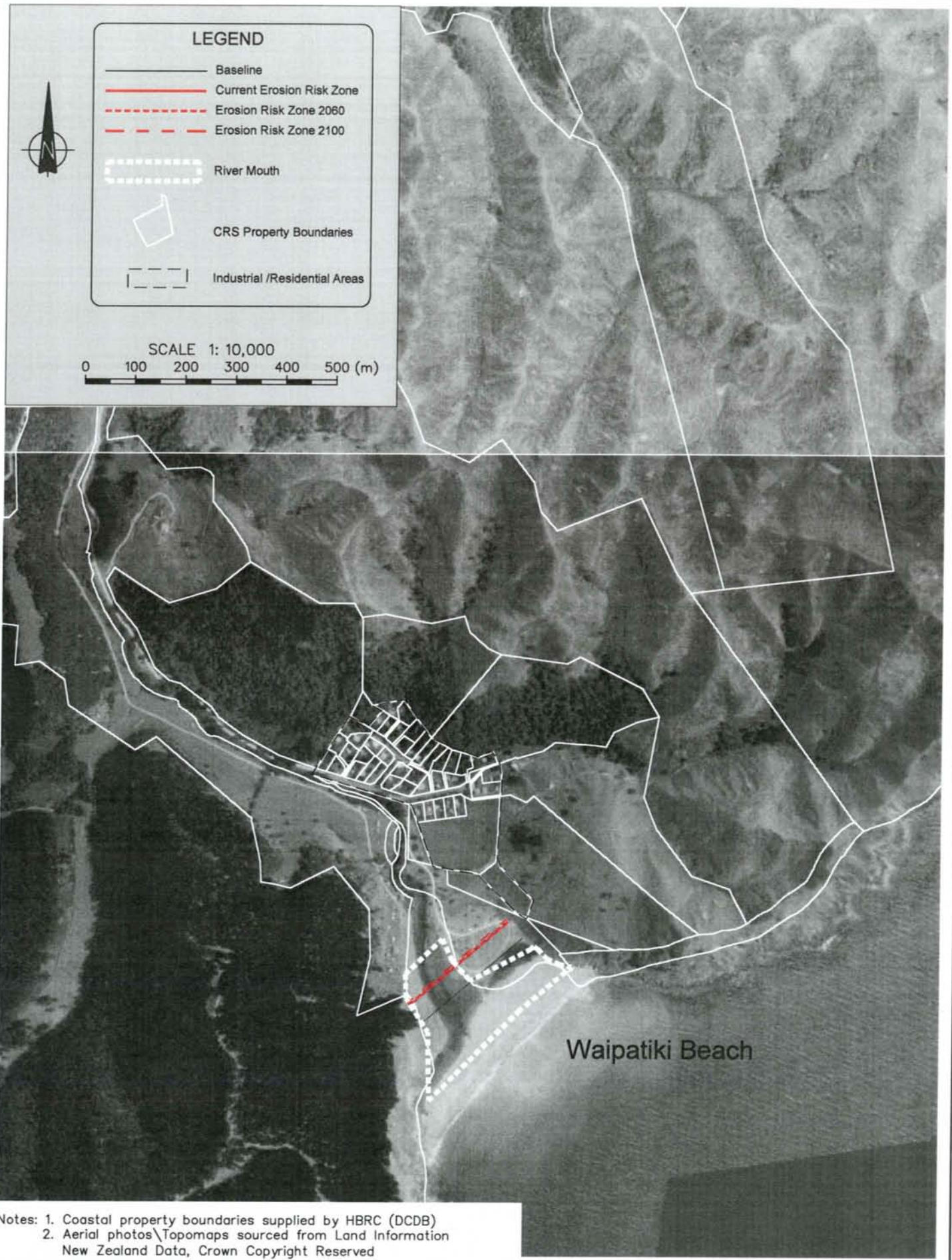
Uncertainties

Inferred trends due to no local data

Uncertainties over future climate change impacts

Recommendations

- No further modification of land designation permitted within hazard zones
- Dune vegetation and access management
- Monitor shoreline change



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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APPROVED		
CADFILE :		
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SCALES (AT A4 SIZE)		
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PROJECT No.		
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HAWKES BAY REGIONAL COUNCIL
 REGIONAL COASTAL HAZARD ASSESSMENT
 HAZARD ZONE DEFINITIONS
 Waipatiki Beach