

## Mahia Beach

### Setting

Mahia Beach is set at the southern end of the southern tombolo connecting Mahia Peninsula to the mainland. The beach area comprises stretches of beach either side of the Mokotahi cliffs.

Private erosion protection works are evident along some property boundaries and significant shoreline erosion is evident along some of the shoreline.



### Hazard Description

### Potential Risk

Hazard Description		Potential Risk		
		Likelihood	Consequence	Risk
CERZ	43.0 m			
ERZ 2060	13 m	Unlikely	Major	High
ERZ 2100	14 m	Possible	Major	Extreme
Total Erosion Zone width	70 m			
Sea Inundation level (CERZ)	16.3 m	Likely	Moderate	High
Sea Inundation level landward of CERZ	14.0 m	Certain	Minor	High

### 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
- New development within remaining hazard zone to be relocatable
- No further modification of land designation permitted in currently non-residential zoned land within hazard zones
- Establish/maintain dune vegetation programmes
- Investigate headland control options around Mokotahi Cliffs combined with sand transfer and or beach nourishment
- 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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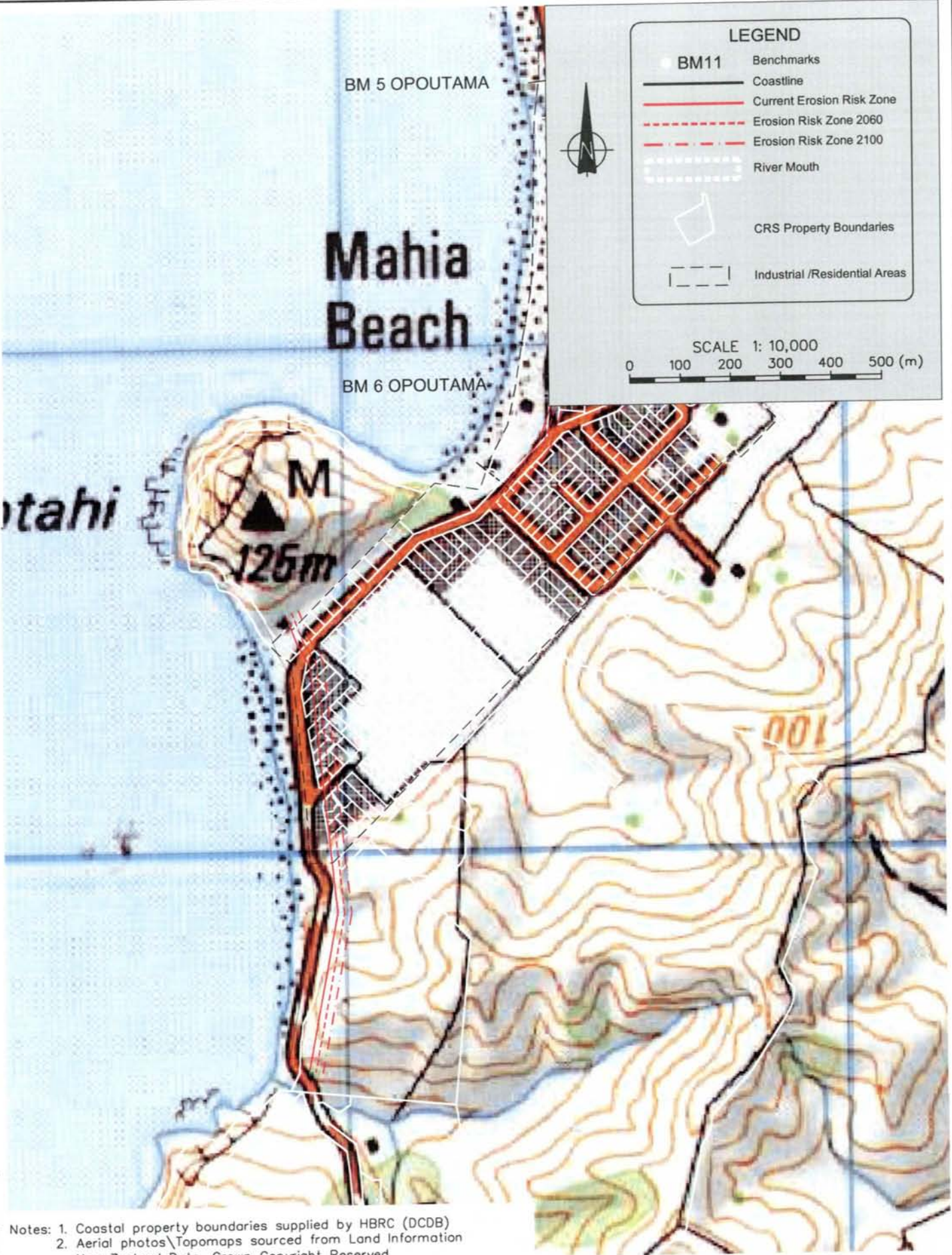
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**HAWKES BAY REGIONAL COUNCIL**  
 REGIONAL COASTAL HAZARD ASSESSMENT  
 HAZARD ZONE DEFINITIONS  
 Mahia (sheet 1 of 2)

FIG. No. Figure 7.31

REV. 1

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Notes: 1. Coastal property boundaries supplied by HBRC (DCDB)  
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 Mahia (sheet 2 of 2)

FIG. No. Figure 7.32

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