

Opoutama Beach

Setting

Opoutama Beach extends from the camp ground to Mahia Beach along the south facing shoreline of the tombolo connecting Mahia to the mainland.

The beach comprises fine sands, with extensive dune vegetation. Crest elevations vary from low to moderate towards the east.

No significant development is situated seaward of Ormond Drive and there are no existing coastal protection structures.



Hazard Description

Potential Risk

		Potential Risk		
		Likelihood	Consequence	Risk
CERZ	69 m to 129 m	Unlikely	Moderate	Moderate
ERZ 2060	7 to 9 m			
ERZ 2100	10m to 14 m	Possible	Minor	Moderate
Total Erosion Zone width	93 m to 149 m			
Sea Inundation level (CERZ)	16.3 m	Likely	Insignificant	Moderate
Sea Inundation level landward of CERZ	14.0 m	Certain	Insignificant	Moderate

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 ERZ
- Consider relocation of camp ground (managed retreat) should shoreline retreat continue
- No further modification of land designation permitted in currently non-residential zoned land within hazard zones
- Establish/maintain dune vegetation programmes
- Monitor shoreline change

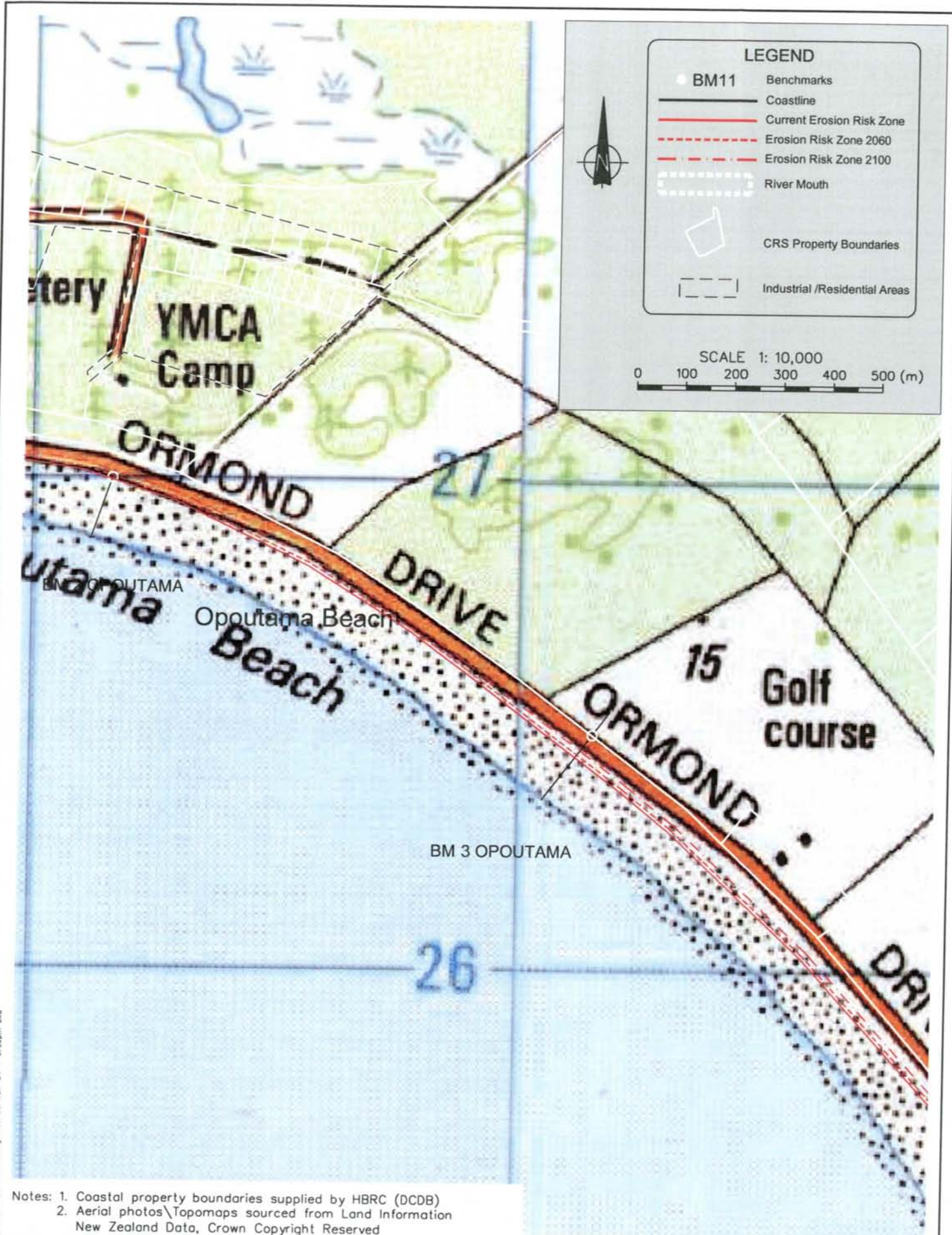


Notes: 1. Coastal property boundaries supplied by HBRC (DCDB)
 2. Aerial photos\Topomaps sourced from Land Information New Zealand Data, Crown Copyright Reserved

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<p>Tonkin & Taylor Environmental & Engineering Consultants</p> <p> <input type="checkbox"/> Hamilton <input checked="" type="checkbox"/> Auckland <input type="checkbox"/> Christchurch <input type="checkbox"/> Nelson <input type="checkbox"/> Wellington <input type="checkbox"/> Whangarei </p>	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
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HAWKES BAY REGIONAL COUNCIL REGIONAL COASTAL HAZARD ASSESSMENT HAZARD ZONE DEFINITIONS Opoutama (Sheet 1 of 2)	
FIG. No. Figure 7.29	REV. 1



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Tonkin & Taylor
Environmental & Engineering Consultants

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HAWKES BAY REGIONAL COUNCIL
REGIONAL COASTAL HAZARD ASSESSMENT
HAZARD ZONE DEFINITIONS
Opoutama (Sheet 2 of 2)

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