

## Porangahau

### Setting

Porangahau is the southern most settlement within the Hawke Bay Region. The perched beach is flat with a broad intertidal system and narrow sub-aerial beach. The dunes are some 1.5 to 3.0 m high and are reasonably well vegetated.

Development is reasonably set back and elevated, with parking, access ways and amenity blocks within the current risk zone. The township appears mainly to comprise holiday baches with some refurbishment and new development evident.



No coastal protection structures insitu.

Hazard Description		Potential Risk		
CERZ	43 m	<b>Likelihood</b>	<b>Consequence</b>	<b>Risk</b>
ERZ 2060	15 m	Unlikely	Major	High
ERZ 2100	15 m	Possible	Major	Extreme
Total Erosion Zone width	73 m	Likely	Moderate	High
Sea Inundation level (CERZ)	16.3 m	Certain	Moderate	Extreme
Sea Inundation level landward of CERZ	14.0 m			

### Uncertainties

Inferred trends due to no local data

Uncertainties over future climate change impacts

### Recommendations

- No new council infrastructure to be located within the CERZ
- No new private development within the CERZ
- Establish redevelopment plans for existing dwellings within CERZ
- 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 monitoring of shoreline change



**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)

Porangahau

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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

**Tonkin & Taylor**  
 Environmental & Engineering Consultants

Hamilton     Auckland     Christchurch  
 Nelson         Wellington     Whangarei

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  
 Porangahau

FIG. No. Figure 7.01

REV. 1