

Mangakuri

Setting

Mangakuri is a headland controlled perched beach environment. The area comprises a perched beach with a broad intertidal system and dune system/bank. The dune/bank elevation is moderate to low with a crest elevation of around 1.5 m. However, there is an extensive width of vegetated back dune area.



Residential development is elevated typically on the landward side of the access road. No evidence of coastal protection structures.

Hazard Description		Potential Risk		
CERZ	43.0 m	Likelihood	Consequence	Risk
ERZ 2060	16 m	Unlikely	Moderate	Moderate
ERZ 2100	16 m	Possible	Moderate	High
Total Erosion Zone width	75 m	Likely	Minor	High
Sea Inundation level (CERZ)	16.3 m	Certain	Insignificant	Moderate
Sea Inundation level landward of CERZ	14.0 m			

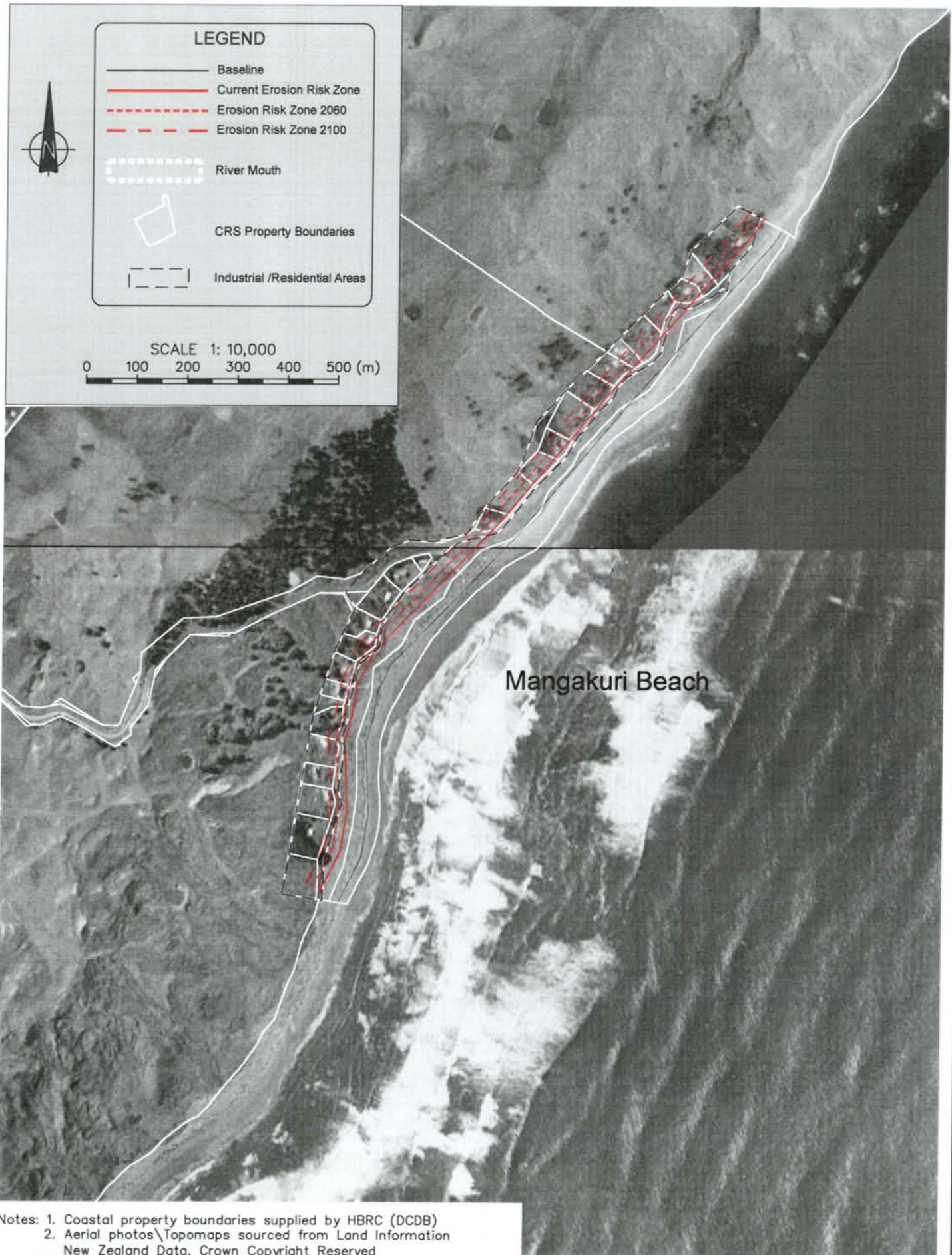
Uncertainties

Inferred trends due to no local data

Uncertainties over future climate change impacts

Recommendations

- No new council infrastructure or new private development to be located within the 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 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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HAWKES BAY REGIONAL COUNCIL
 REGIONAL COASTAL HAZARD ASSESSMENT
 HAZARD ZONE DEFINITIONS
 Mangakuri

FIG. No. Figure 7.06