



Two Peoples Bay WA03.01.05

Regional Setting

This mixed sand and rock coast compartment extends from Bald Island to Cape Vancouver.

The dominant regional processes are the mediterranean to humid cool-temperate climate; southern annular mode (driving dominant south-westerly swells and storms); micro-tidal; high energy south-westerly swells; westerly seas; carbonate sediments; and interrupted swell-driven longshore transport.

This coastline is susceptible to regional hazards, including mid-latitude cyclones (depressions), storm surges and shelf waves.

Justification of sensitivity

Sensitivity rating is a 3 overall as the shoreline is currently stable and likely to remain stable.

The compartment is bounded by large granitic headlands, and rocky shore comprises more than 75% of the coast. The main beaches - Two Peoples Bay and Normans Beach - may attract a higher local ranking (4) in future.

Other comments

This compartment has a S aspect.

Geomorphological features include granite islands and headlands, arcuate beach, and embayed granite coast.

The majority (90%) of this coastline consists of exposed high energy shorelines with eroded igneous or metamorphic rocks associated with overlying beachrock or aeolean limestone (90%). The remainder (10%) features variable width sandy beach, which may be cusped or crenulate, formed between resistant headlands, and/or backed by low bluffs (<50m).



Confidence in sources

Low confidence. Interpretation of landform assemblages comes from satellite imagery and aerial photography. There is limited or no information available describing landforms or coastal landform change over the historical period.

Additional information

Australian Beach Safety & Management Program (ABSAMP) database of over 12,000 beaches can be accessed at http://www.ozcoasts.gov.au/coastal/beach_intro.jsp (also see Surf Life Saving site)

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