



## Toolinna Cove WA01.02.02

### Regional Setting

This rocky coast compartment extends from Point Dover to Point Culver.

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 mid-latitude cyclones (depressions), storm surges and shelf waves.

### Justification of sensitivity

Sensitivity rating is a 3 as the shoreline is stable and likely to remain stable. High natural resilience to erosion is linked to the Baxter Cliffs which are comprised of limestone and have a boulder ramp at shore

### Other comments

This compartment has a SE Aspect.

The geomorphology is dominated by undercut steep cliff faces eroding cainozoic sedimentary material (100%).

### 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 (links and references)**

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](http://www.ozcoasts.gov.au/coastal/beach_intro.jsp) (also see Surf Life Saving site);

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