

# Policy Unit: 5f PHB7

## Rockley

Topographic Beach Profiles 5f00579 to 5f00603



### Summary

This unit stretches from Rockley Point in the northern end of the unit, to the southern tip of Ham Common, which is a semi-natural lowland heathland. Thin beaches, consisting of a combination of gravels, muds and sands provide some protection to the soft, sandy cliffs. There is a net west-to-east drift of the cliff-derived material. At the northern end of the unit, at the entrance to Lytchett Bay, a small spit has developed.

The shoreline here is currently undefended, following the removal of rock gabions which previously protected the toe of the cliffs. Due to the removal of these defences, four new profiles (5f00590-5f00593) were added in 2007 to monitor potential beach cutback.

### Survey Regime

Survey type	Frequency	Profile spacing/survey extent
<i>Topographic interim profiles</i>	Annual	50 - 300m to MLWS
<i>Topographic baseline</i>	5 years	50m to MLWS
<i>Bathymetric baseline</i>	-	-
<i>Ortho-photography</i>	5 years	MLW
<i>Non-rectified aerial photography</i>	Annual	MLW
<i>Lidar</i>	3 years	MLW
<i>Habitat mapping</i>	5 years	Extent of ortho-photography