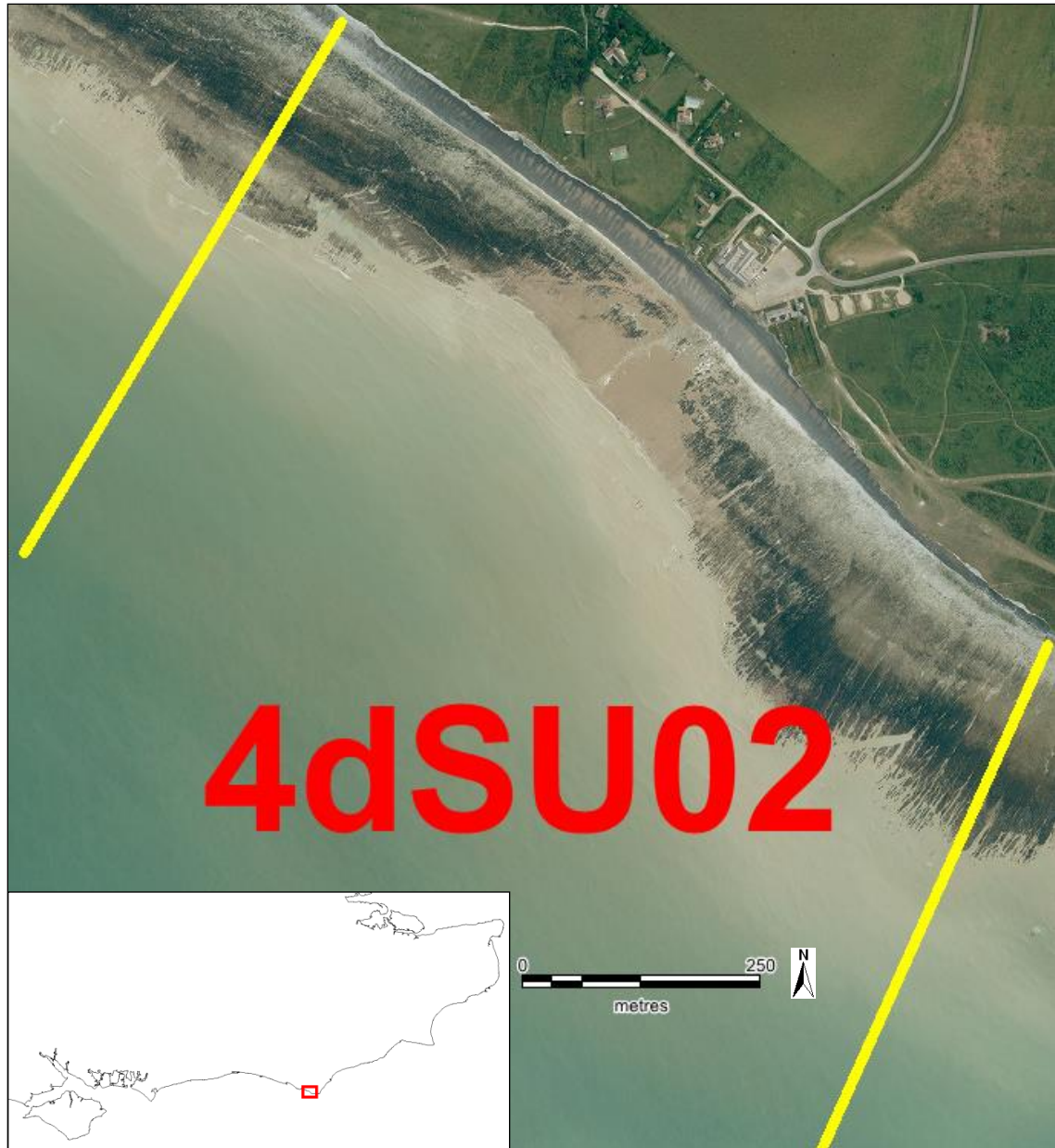


SMP Policy Unit: 4d-MU18B

Survey Unit: 4dSU02

Birlinging Gap

Topographic Beach Profiles 4d00013 – 4d00022



Summary

The Birling Gap frontage is short chalk cliff stretch that faces southwest and is backed by a number of properties vulnerable to cliff recession. A large relict river channel lies in the centre of the Unit, whose extent can be recognised by the embayment in the cliff line, due to the erosional susceptibility of the deep layer of loose flint and chalky gravel deposits that fill the dry river valley, known as 'Coombe Rock'.

Despite the absence of groyne structures, a small shingle beach is present in, and is retained by, the erosional embayment. This serves to provide a preliminary defense for the most vulnerable section of the Unit.

Survey Regime

Survey type	Frequency	Survey extent
<i>Topographic baseline</i>	5 years	MLWN
<i>Topographic post-storm</i>	As Required	MLWN
<i>Bathymetry</i>	5 years	1km offshore
<i>Ortho-photography</i>	3 years	MLWS
<i>Lidar</i>	2 years	MLWN
<i>Habitat Mapping</i>	5 Years	As Required

Full details of survey schedules, data availability and data extents can be found on the Channel Coast Observatory Website (www.channelcoast.org)