

Ordnance Survey Maps – Coastal Features

A brief summary



headland

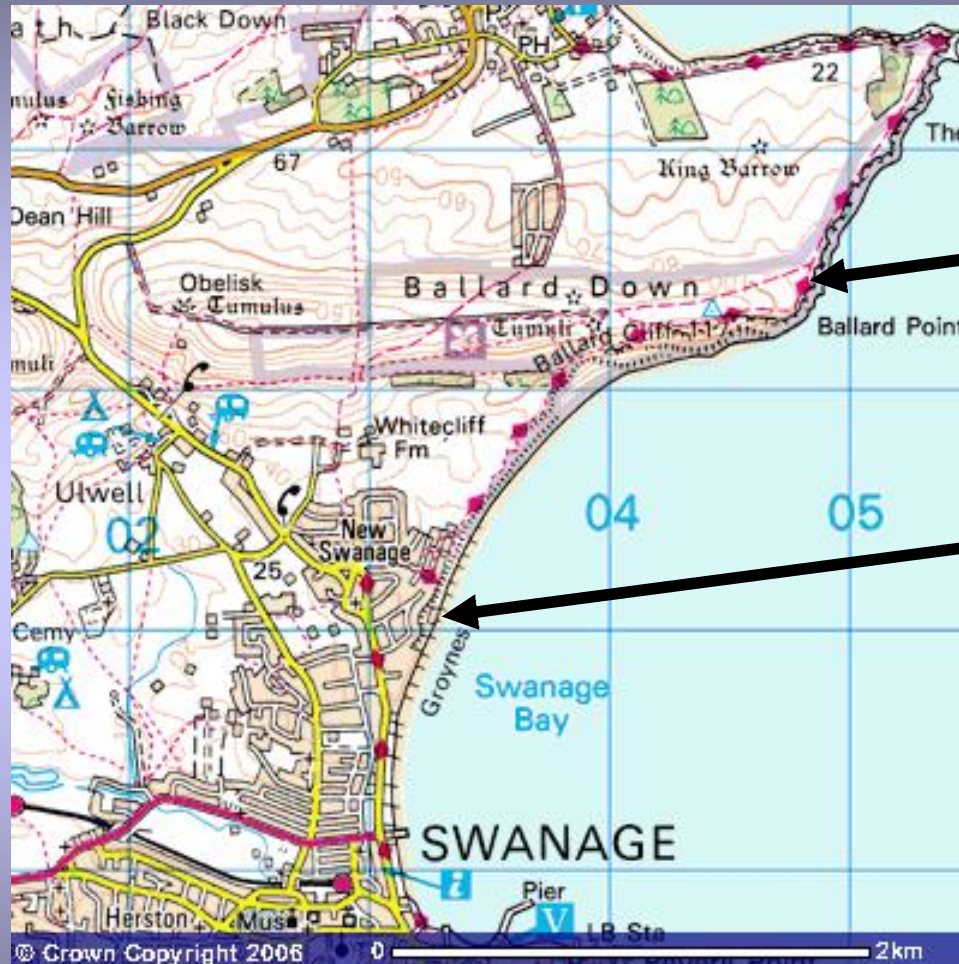
Bay identifiable by shape of coastline

Caves will be clearly marked on the O.S. map

Use O.S. symbols to help you identify features like cliffs

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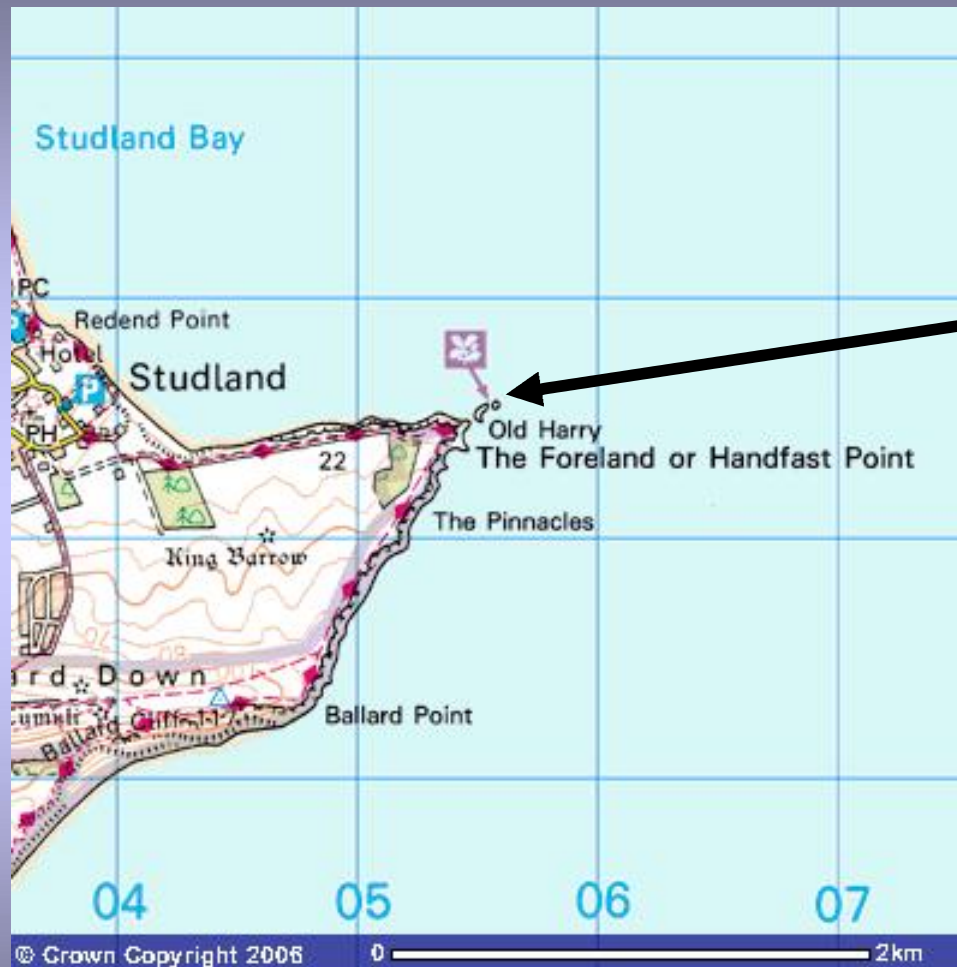
Differential erosion – headland and bay



Headland is harder rock and erodes slowly

Groynes which trap sediment moved by longshore drift to maintain beach

Headlands can be eroded into caves, arches and stacks



Old Harry stack
and Old Harry's
Wife stump

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Here are some less easily identifiable features – named for you!



Durdle door arch

Cove –
Differential
erosion

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Salt marsh develops in slack water behind spit



Spit develops in direction of longshore drift

Longshore drift

Spit often hooks round due to direction of prevailing winds- you can see this has happened on several occasions here



This area is starting to 'silt' up – marsh present to left

lagoon



Sand bar



tombolo



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