

Map 12: Ayrshire Coast: Doonfoot Beach to Dunure

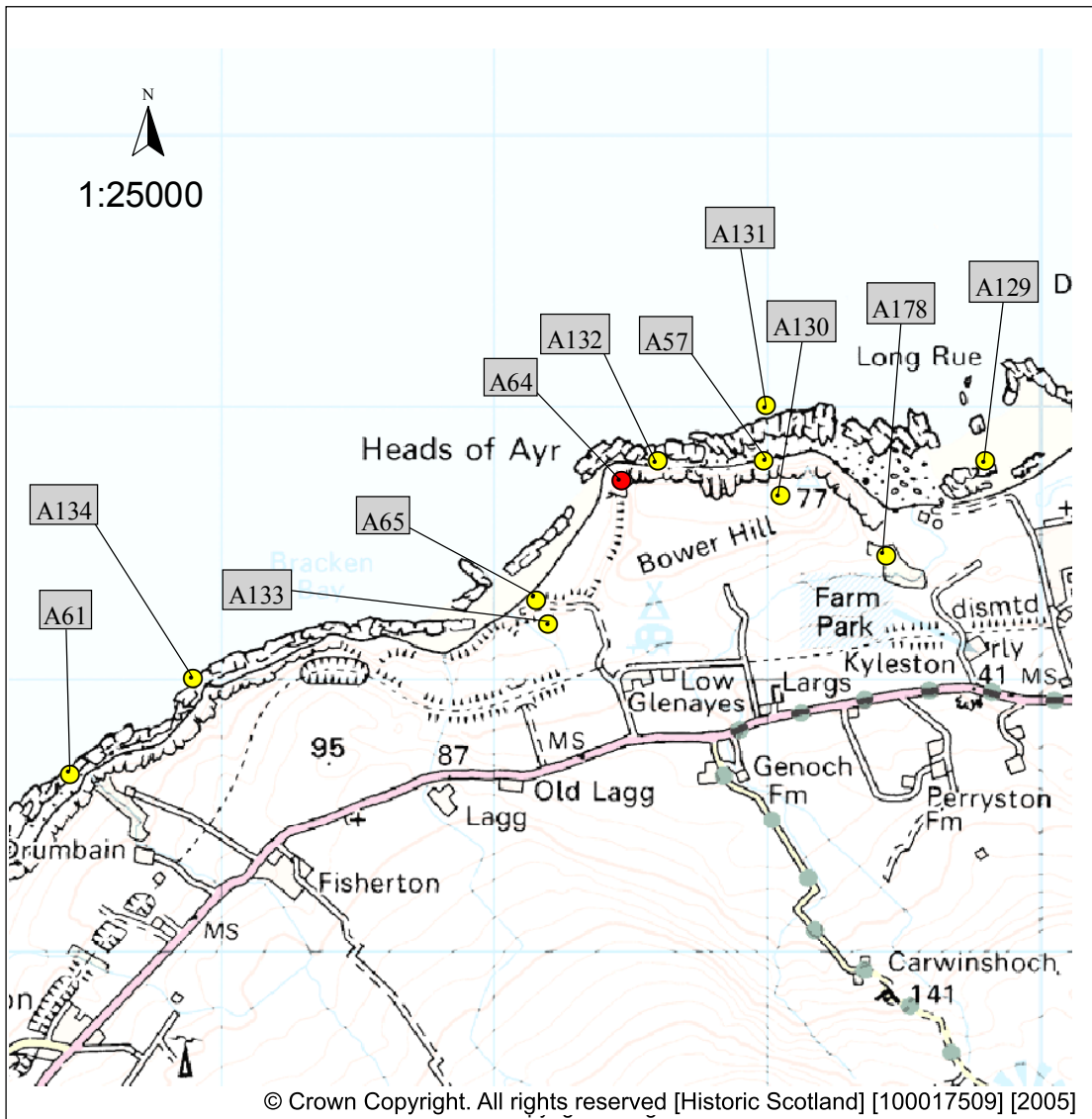
Map Content Descriptions

1. *Built Heritage and Archaeology*

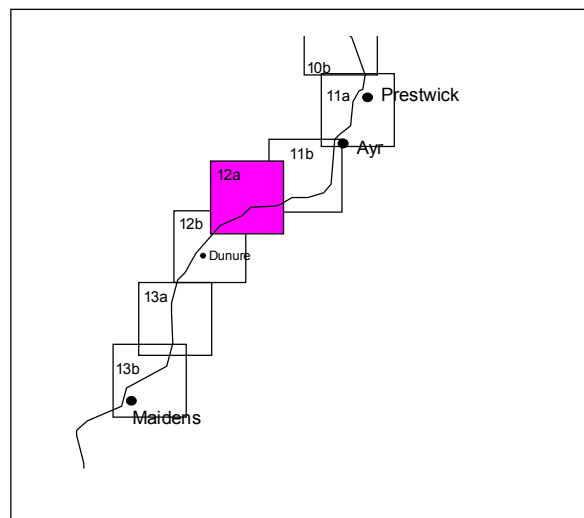
A total of twenty three sites were located in the area covered by Map 12. Of these seventeen were previously recorded and six were new sites noted during the field survey. This area included the scheduled remains of Dunure Castle (A69) and the related Listed Harbour (A63) and Doocot (A70). The foundations of a small building and a related midden (A62) were recorded west of Fisherton. The heads of Ayr appears to form a focus for possible prehistoric sites. The remains are, in many cases, unsubstantiated. There exists a clear distinction in terms of the sites found in this area compared to those located to the north. The area is more rural compared to the heavily built up sections of the Ayrshire Coast to the north and, therefore, presents an environment more suited to the preservation of archaeological remains from before the industrial period.

2. *Hinterland Geology, Coastal Geomorphology and Erosion Class*

The section of coastline covered by Map 12 extended from Doonfoot to Dunure, an area including Heads of Ayr. The coastline dramatically changes south of Ayr. To the north of Ayr the coast is characterised by large sand bays and low coast edges. South of Ayr the coastline becomes dominated by cliff lines, rock platforms in the intertidal area and drift in the hinterland. The coastline here varies between high cliffs and lower areas in the shadow of these points. For example Heads of Ayr and Bracken Bay. The coastline becomes more rugged south of Bracken Bay to Dunure. The variety of coastline features leads to different erosional classes being present. They range from stable at Fisherton to erosional on the eastern flank of the Heads of Ayr where a large erosion face exists on the coast edge.



- + Listed Historic Building
- Protected Ancient Monument
- Other Archaeological Site
- Designed Landscape
- ▲ Undesignated Wreck
- Insufficient Information
- Probably Archaeologically Sterile



Map 12a: Built Heritage & Archaeology Gazetteer

Site No A57
Grid Ref NS 28990 18798
Site Name Heads of Ayr
Site Type Boulder alignment
Date Unknown
Condition Poor
Recommendation Monitor

Site No A131
Grid Ref NS 29000 19000
Site Name Point of Ayr
Site Type Stone Axe
Date Unknown
Condition Unknown
Recommendation Nil

Site No A61
Grid Ref NS 26446 17649
Site Name Fisherton cottage
Site Type Fish Trap (possible)
Date Unknown
Condition Fair
Recommendation Monitor

Site No A132
Grid Ref NS 28600 18800
Site Name Heads of Ayr
Site Type Stone Scraper; Flake
Date Unknown
Condition Unknown
Recommendation Nil

Site No A64
Grid Ref NS 28470 18730
Site Name Bower Hill
Site Type Fort
Date Unknown
Condition Poor
Recommendation Survey

Site No A133
Grid Ref NS 28200 18200
Site Name Low Glenayes
Site Type Flints; Pottery
Date Unknown
Condition Unknown
Recommendation Monitor

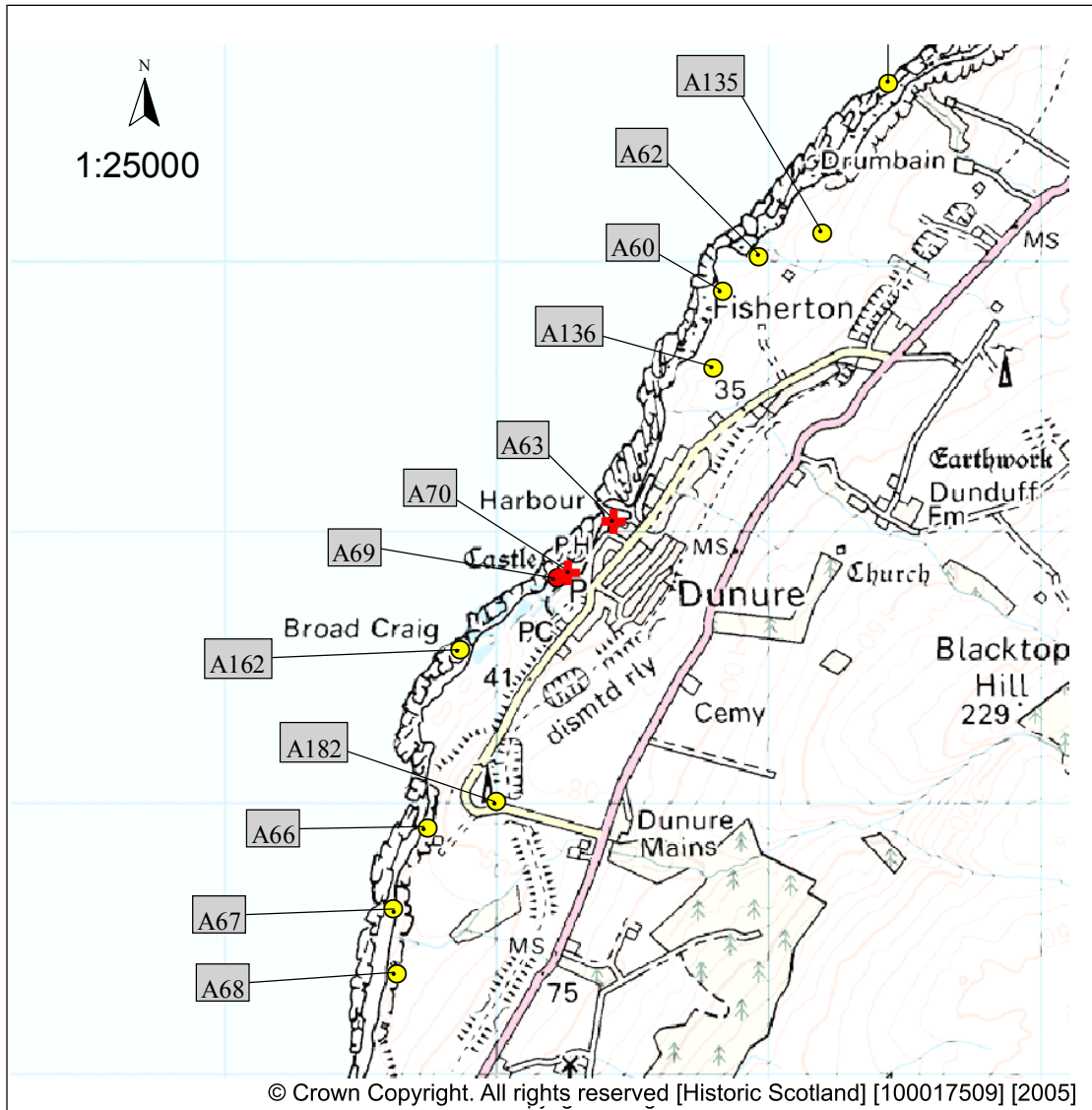
Site No A65
Grid Ref NS 28155 18289
Site Name Bracken Bay
Site Type Wall
Date 18th-20th cent
Condition Fair
Recommendation Monitor

Site No A134
Grid Ref NS 26900 18000
Site Name Bracken Bay
Site Type Stone Chisel
Date Unknown
Condition Unknown
Recommendation Nil

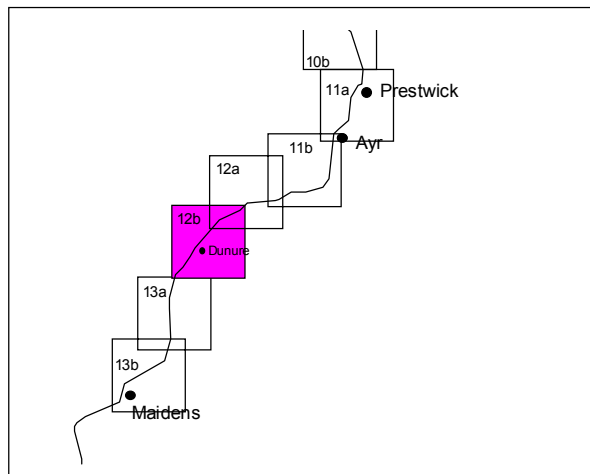
Site No A129
Grid Ref NS 29800 18800
Site Name Doonfoot
Site Type Stone Implement
Date Unknown
Condition Unknown
Recommendation Nil

Site No A178
Grid Ref NS 29440 18450
Site Name Laigh Kyleston
Site Type Indeterminate Remains
Date Unknown
Condition Poor
Recommendation Nil

Site No A130
Grid Ref 229050 618670
Site Name Heads of Ayr
Site Type Earthwork (possible)
Date Unknown
Condition Unknown
Recommendation Monitor



- + Listed Historic Building
- Protected Ancient Monument
- Other Archaeological Site
- Designed Landscape
- ▲ Undesignated Wreck
- Insufficient Information
- Probably Archaeologically Sterile



Map 12b: Built Heritage & Archaeology Gazetteer

Site No A60
Grid Ref NS 25834 16884
Site Name Fisherton
Site Type Walling/Midden
Date Unknown
Condition Fair
Recommendation Survey

Site No A69
Grid Ref NS 25225 15825
Site Name Dunure Castle
Site Type Castle
Date 6th-14th cent
Condition Fair
Recommendation Survey

Site No A62
Grid Ref NS 25966 17013
Site Name Fisherton
Site Type Building/Midden
Date Unknown
Condition Poor
Recommendation Survey

Site No A70
Grid Ref NS 25265 15845
Site Name Dunure Castle, Doocot
Site Type Doocot
Date 14th-18th cent
Condition Good
Recommendation Monitor

Site No A63
Grid Ref NS 25434 16035
Site Name Dunure Harbour
Site Type Harbour
Date 18th-20th cent
Condition Good
Recommendation Monitor

Site No A135
Grid Ref NS 26200 17100
Site Name Fisherton
Site Type Flints
Date Unknown
Condition Unknown
Recommendation Monitor

Site No A66
Grid Ref NS 24750 14900
Site Name Egg Knock
Site Type Observation Tower
Date 20th cent
Condition Fair
Recommendation Monitor

Site No A136
Grid Ref NS 25800 16600
Site Name Fisherton
Site Type Flints
Date Unknown
Condition Unknown
Recommendation Monitor

Site No A67
Grid Ref NS 24620 14600
Site Name Dunure Mains
Site Type Cave/Wall
Date Unknown
Condition Fair
Recommendation Monitor

Site No A162
Grid Ref NS 24870 15560
Site Name Scart Rock, Dunure
Site Type Fish-Trap
Date Unknown
Condition Unknown
Recommendation Monitor

Site No A68
Grid Ref NS 24636 14364
Site Name Drumshang
Site Type Cairn
Date Unknown
Condition Fair
Recommendation Monitor

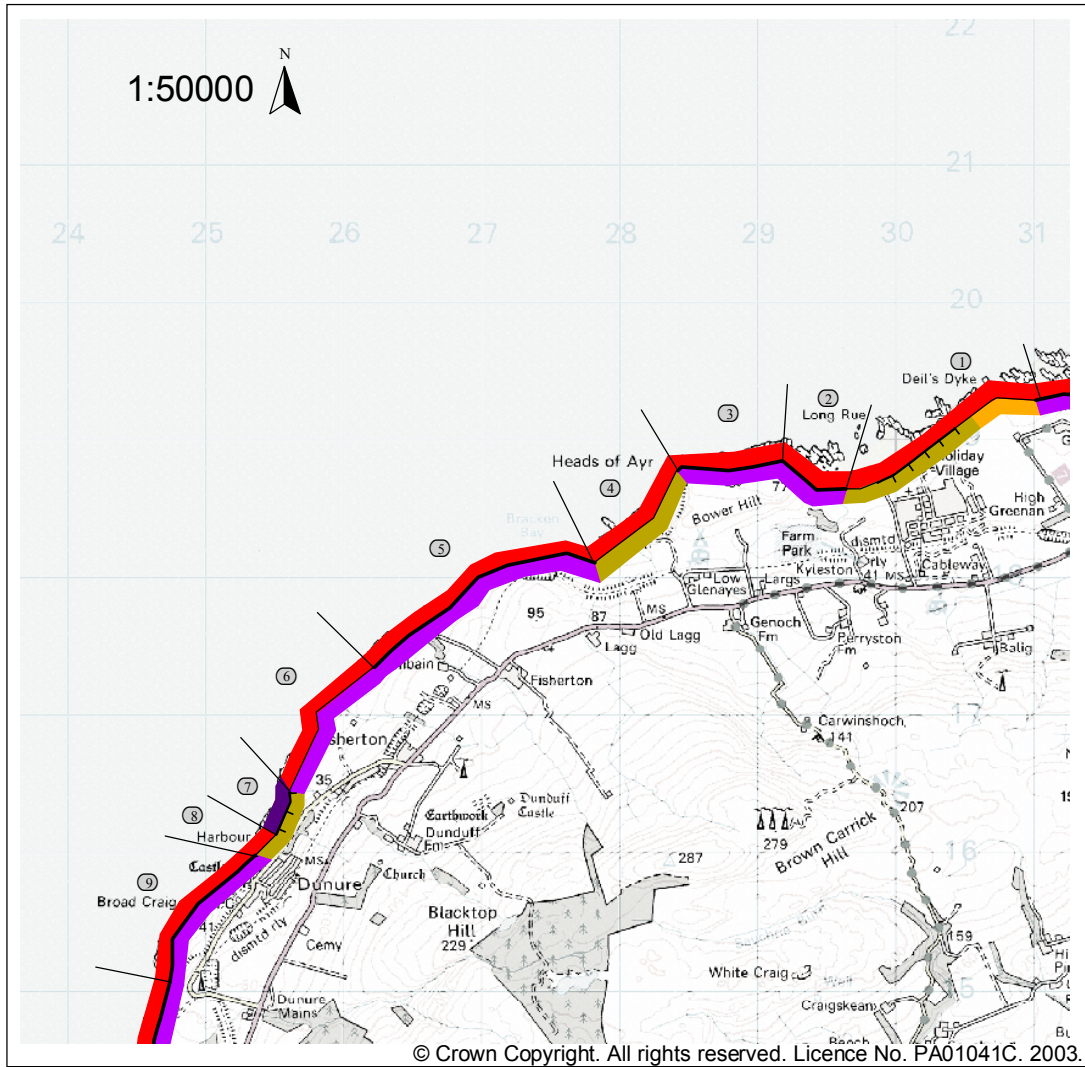
Site No A182
Grid Ref NS 25000 15000
Site Name Dunure
Site Type Bronze Terret
Date Unknown
Condition Unknown
Recommendation Nil

HINTERLAND GEOLOGY & COASTAL GEOMORPHOLOGY

Survey Date : 19-21 November 2002

Ayrshire

MAP 12

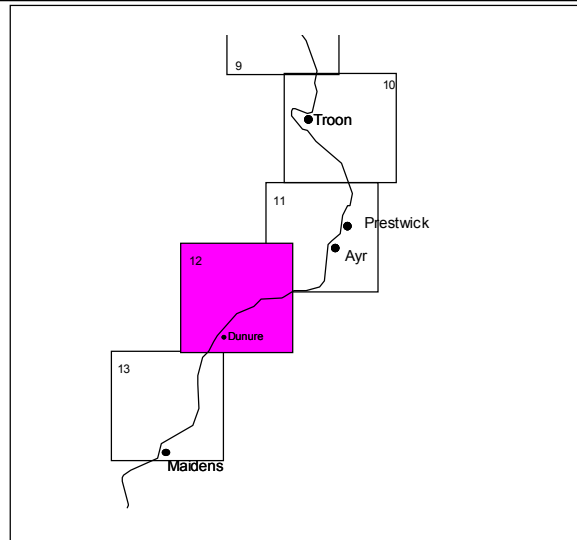


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- Mainly sand
- Mainly rock platform
- Mainly alluvial/marine mud
- Marsh

- Drift, boulderclay
- Drift over visible rock
- Raised beach and marine deposits
- Blown sand
- Glacial sand and gravel
- Alluvium

- Low edge <5 m tall
- Cliff >5 m tall
- Man made barrier
- Shingle/strom bank
- Human disturbance



Map 12: Doonfoot to Dunure

Hinterland Geology and Coastal Geomorphology

1 Heads of Ayr Holiday Village

NS 3066 1928

1.74 km

Mainly rock platform

Low edge <5 m tall

Raised Beach/Blown Sand

North of the Heads of Ayr the emerged beach exists along the coastal fringe. The Carwinshoch Burn flows into the western section of the bay, providing limited sediment to the foreshore. A Sewage works located at the mouth of the burn has been protected by a defensive gravel ramp. This extends from the burn's mouth to eastern limit of the caravan park. The beach material is mainly a veneer of sand over bedrock, which becomes visible at low tide. Slope deposits rise up from the emerged beach to the remains of Greenan Castle.

2 Heads of Ayr North

NS 2939 1873

0.48 km

Mainly rock platform

Cliff edge >5 m

Drift over visible rock

Glacio-genic (till) sediments, lie above the rock platform. The intertidal is composed of bedrock, with little or no sediments.

3 Heads of Ayr

NS 2881 1878

0.77 km

Mainly rock platform

Cliff edge >5 m

Drift over visible rock

The current shoreline has almost re-occupied the former emerged cliff line. Some vegetated slope deposits remain, dropping to rock platform, which contains limited pockets of shingle and sands.

4 Bracken Bay

NS 2827 1847

0.84 km

Mainly rock platform

Low edge <5 m tall

Raised Beach

A sand and shingle veneer covers bedrock foreshore. In the northern half of this section a flat area lies between the marram grasses and the emerged shoreline.

5 Fisherton North

NS 2717 1809

2.22 km

Mainly rock platform

Cliff edge >5 m

Drift over visible rock

This section of shoreline has high rock cliffs (>5 m) and a rock foreshore with isolated pockets of shingle. The cliffs have a veneer of vegetated slope deposits and in places bare rocks protrude. The toe of slope continues onto rock platform close to at MHWS. Towards the north eastern limit of this section (almost at Bracken Bay) of this section there are a number of caves, some at current sea level and some relating to higher Holocene sea levels.

6 Fisherton

NS 2575 1692

1.3 km

Mainly rock platform

Low edge <5 m tall

Drift over visible rock

This section of the shoreline is characterised by a low rock cliff line (≤ 5 m), which joins the rock foreshore. Isolated pockets of sediment are found in coastal inlets.

7 Dunure House

NS 2554 1627

0.42 km

Mainly sand

Low edge <5 m tall

Raised Beach

A sand and shingle bay extends from the harbours' masonry wall in front of Dunure house to a rock headland at the northern limit of the section. A cement sea wall is protecting the driveway of Dunure house. Sediment is present at the foot of the sea wall.

8 Dunure Harbour

NS 2538 1603

0.13 km

Mainly rock platform

Low edge <5 m tall

Raised Beach

The harbour has been constructed within the rock foreshore and low cliffs approximately 3 m. The harbour has incorporated natural rock in addition to masonry sections to the north.

9 Dunure

NS 2520 1588

1.11 km

Mainly rock platform

Cliff edge >5 m

Drift over visible rock

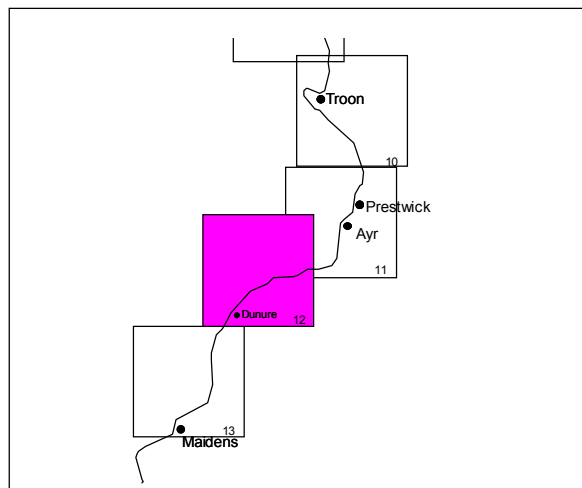
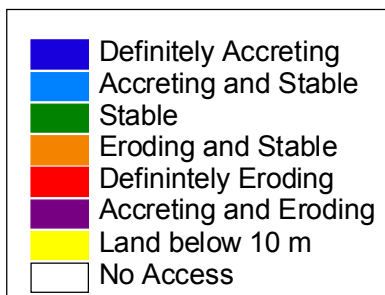
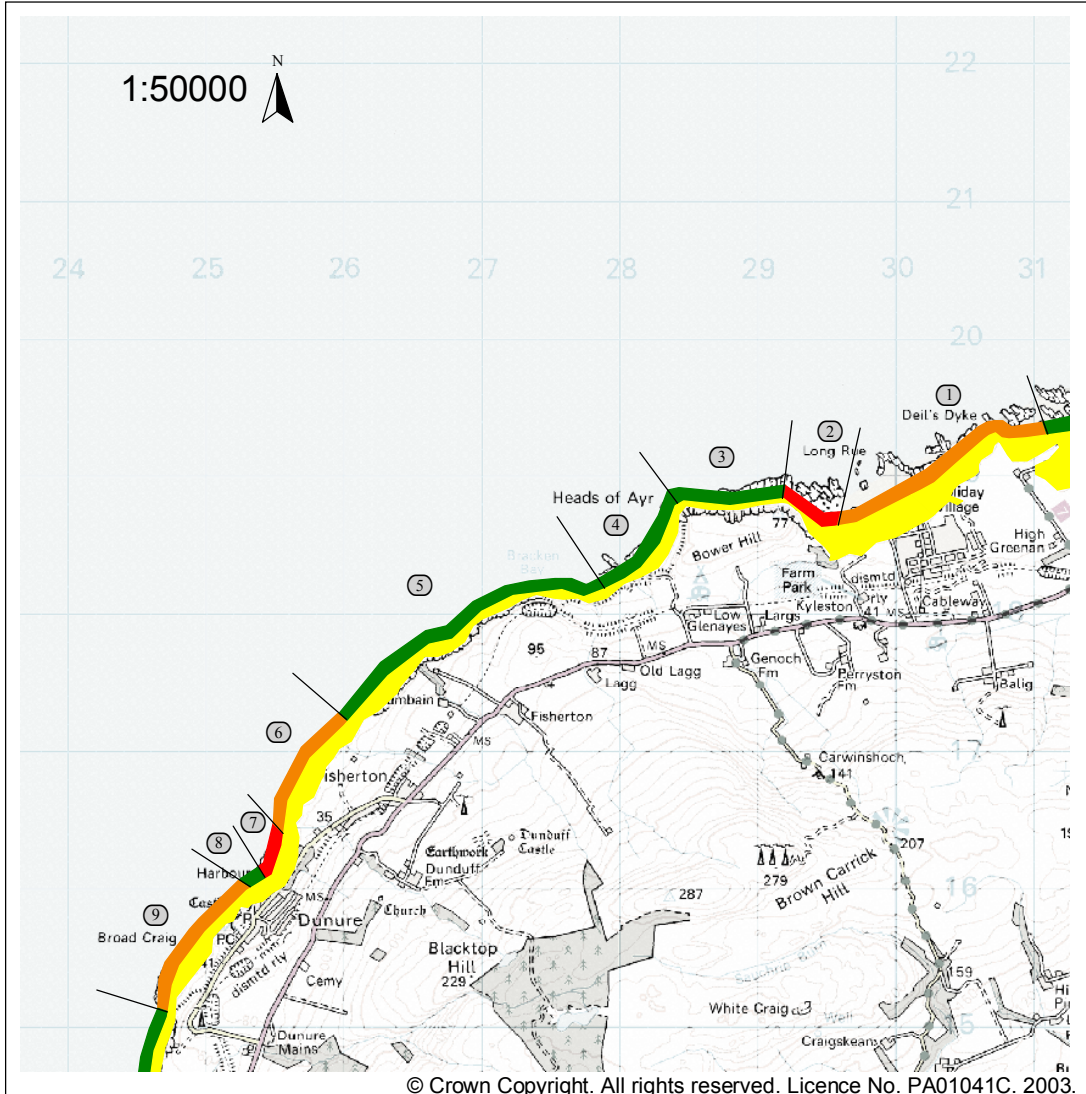
Rock platform is present on the foreshore, with isolated pockets of shingle. A near vertical rock cliff approximately 5 m tall is capped by slope deposits. The Castle is built on a rock knoll, which could be an old sea stack. North of the castle there is a small shingle beach, which lies between the Castle and a Rock outcrop which forms part of the harbour.

EROSION CLASS

Survey Date : 19-21 November 2002

Ayrshire

MAP 12



Map 12: Doonfoot to Dunure

Erosion Class

1 Heads of Ayr Holiday Village

NS 3066 1928

1.74 km

LT: Erosional - Low

ST: Stable/Erosional – low

The Carwinshoch Burn flows into the western section of the bay, providing limited sediment to the foreshore. A Sewage works located at the mouth of the burn has been protected by a defensive gravel ramp (Plate 13). Beyond these defences the coastal edge remains moderately stable, with vegetated slopes onto the beach.

2 Heads of Ayr North

NS 2939 1873

0.48 km

LT: Erosional - Low

ST: Erosional – Medium

A near vertical cliff has been cut into the glacio-genic (till) sediments, which lie above the rock platform. The cliff is 4 m high at the western edge, which gently slopes to ground level towards the southeast(Plate 13).

3 Heads of Ayr

NS 2881 1878

0.77 km

LT: Erosional – low

ST: Stable - Low

Vegetated slope deposits remain at the base of the cliff indicating some amount of stability at present.

4 Bracken Bay

NS 2827 1847

0.84 km

LT: Erosional - Low

ST: Stable - Low

A sand and shingle veneer covers bedrock foreshore which forms a stable sand beach, fixed with marram grass. In the northern half of this section a flat area lies between the marram grasses and the emerged shoreline.

5 Fisherton North

NS 2717 1809

2.22 km

LT: Erosional - Low

ST: Stable - Low

The cliffs have a veneer of vegetated slope deposits and in places bare rocks protrude. The toe of slope continues onto rock platform close to at MHWS. Indicating a level of stability at present.

6 Fisherton

NS 2575 1692

1.3 km

LT: Erosional - Low

ST: Erosion/Stable - Low

Some erosional faces are present at the foot of the vegetated slopes.

7 Dunure House

NS 2554 1627

0.42 km

LT: Erosional - Low

ST: Erosional - moderate

A cement sea wall is protecting the driveway of Dunure house. Sediment is present at the foot of the sea wall, which shows no current signs of undercutting. However there is a little distance between MHWS and the wall. The remaining beach can be described in two sections; the section closest to the seawall is currently eroding (erosional nick is 5-10 m long, Plate 12). However the northern section of the beach is currently stable with vegetation fringing the beach and no signs of undercutting. This contrast in stability exemplifies the balance between local erosion feeding local accretion.

8 Dunure Harbour

NS 2538 1603

0.13 km

LT: Erosional - Low

ST: Stable - Low

The harbour is currently stable.

9 Dunure

NS 2520 1588

1.11 km

LT: Erosional - Low

ST: Stable/Erosional - Low

The long-term status of this shoreline is an erosional section but currently it is stable. The Castle is built on a rock knoll, which could be an old sea stack; irrespective of its genesis it is showing no signs of being undercut. A small stable shingle beach exists to the north of the Castle has gentle vegetated slopes backing onto some houses.