

Map 8: Ayrshire Coast: Ardrossan North Bay to Stevenston Pier

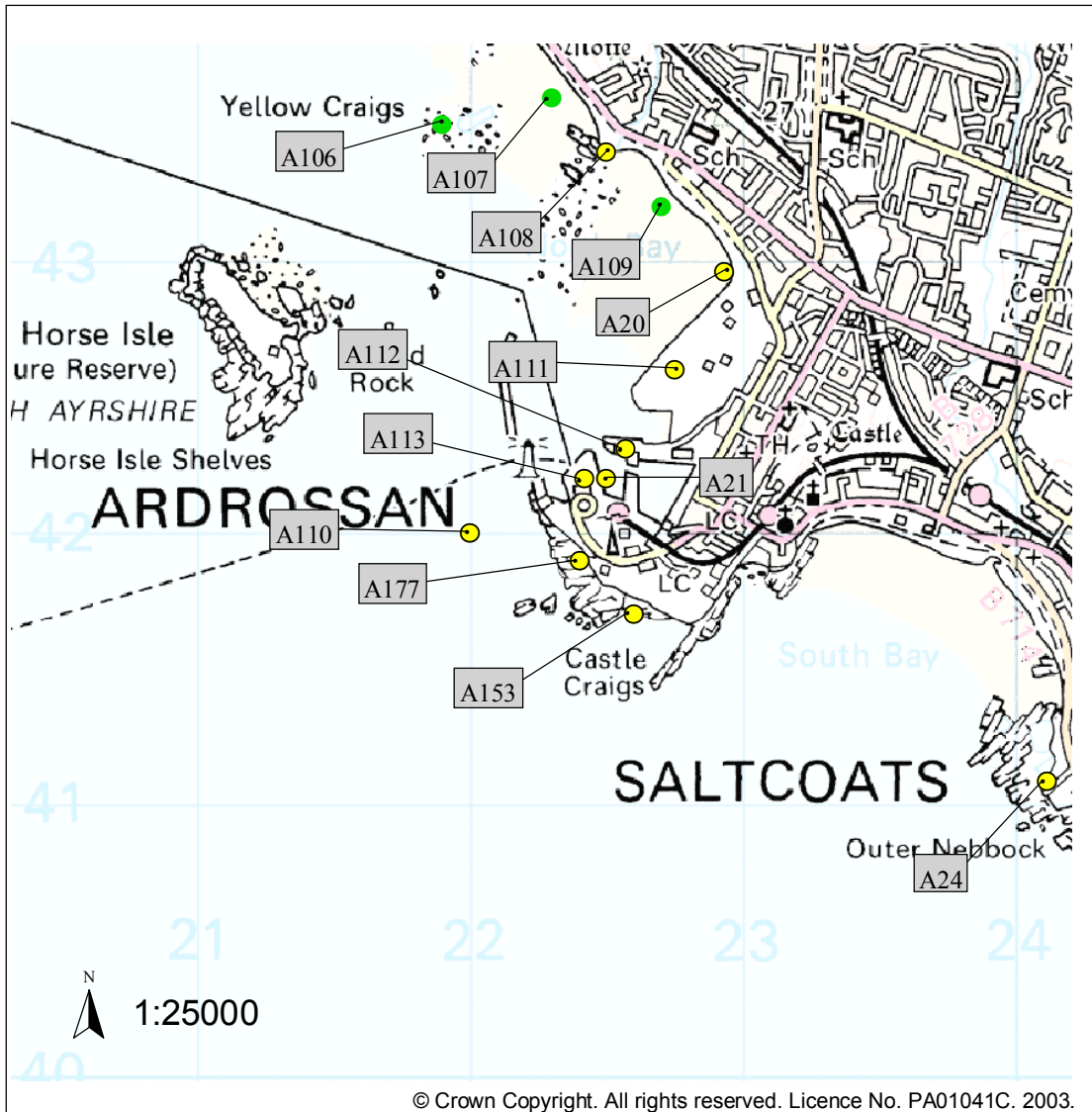
Map Content Descriptions

1. *Built Heritage and Archaeology*

A total of twenty four sites were recorded in the area covered by Map 8. Of these sixteen were previously recorded and eight were new sites noted during the field survey. The majority of the sites relate to post eighteenth century industrial activity in and around Ardrossan, Saltcoats and Stevenston. The main sites, for example Ardrossan and Saltcoats Harbours (A21 & 22 respectively), were in relatively good condition. The former pier at Stevenston (A32) is, however, an area of very high erosion rates and the pier is now almost completely gone. The man made promontory from which it extended is actively eroding as is the mining 'bing' (A25).

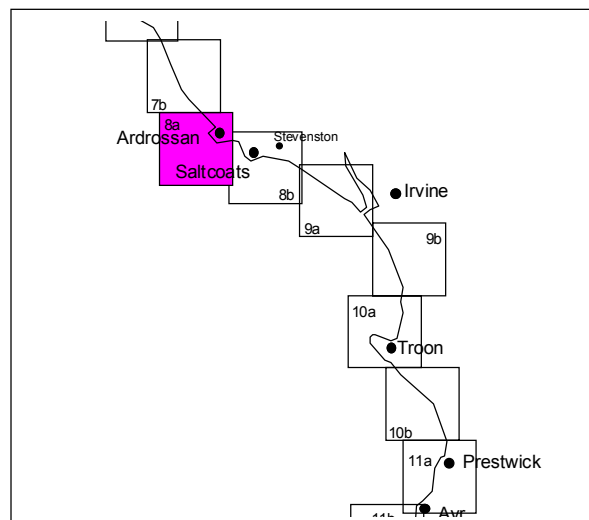
2. *Hinterland Geology, Coastal Geomorphology and Erosion Class*

The section of coastline covered by Map 8 extended from North Bay Ardrossan, past Saltcoats and Stevenston Beach to the eastern side of the man made promontory at Stevenston. The presence of Ardrossan, Saltcoats and Stevenston have had a large influence on the appearance and make up of the coastline covered by Map 8. Heavy industry is, and was, closely related to these towns and has left its mark on the coastline. The intertidal area is formed by a mixture of rock platform headlands and small sandy bays. The majority of the area is built upon up to the coast edge and is, therefore, heavily defended by sea walls. The area to the south of Saltcoats is actively eroding whereas the area to the north consists of a more stable environment.



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



Map 8a: Built Heritage & Archaeology Gazetteer

Site No A20
Grid Ref NS 22929 42956
Site Name Long Craigs, Ardrossan
Site Type Circular Structure/concrete
Date 20th cent
Condition Good
Recommendation Nil

Site No A109
Grid Ref NS 22700 43200
Site Name Ardrossan, North Bay
Site Type Fish Traps
Date Unknown
Condition Unknown
Recommendation Nil

Site No A21
Grid Ref NS 22500 42200
Site Name Ardrossan Harbour
Site Type Harbour
Date 18th-20th cent
Condition Good
Recommendation Nil

Site No A110
Grid Ref NS 22000 42000
Site Name Ardrossan
Site Type Roman Coin
Date Unknown
Condition Unknown
Recommendation Nil

Site No A24
Grid Ref NS 22929 42956
Site Name Long Craigs, Ardrossan
Site Type Circular Structure/concrete
Date 20th cent
Condition Good
Recommendation Nil

Site No A111
Grid Ref NS 22750 42600
Site Name Ardrossan Refinery
Site Type Oil Refinery
Date 18th-20th cent
Condition Poor
Recommendation Nil

Site No A106
Grid Ref NS 21900 43500
Site Name Ardrossan, Yellow Craigs
Site Type Fish Trap
Date Unknown
Condition Unknown
Recommendation Nil

Site No A112
Grid Ref NS 22570 42310
Site Name Montgomerie Pier Station
Site Type Railway Station
Date 18th-20th cent
Condition Poor
Recommendation Nil

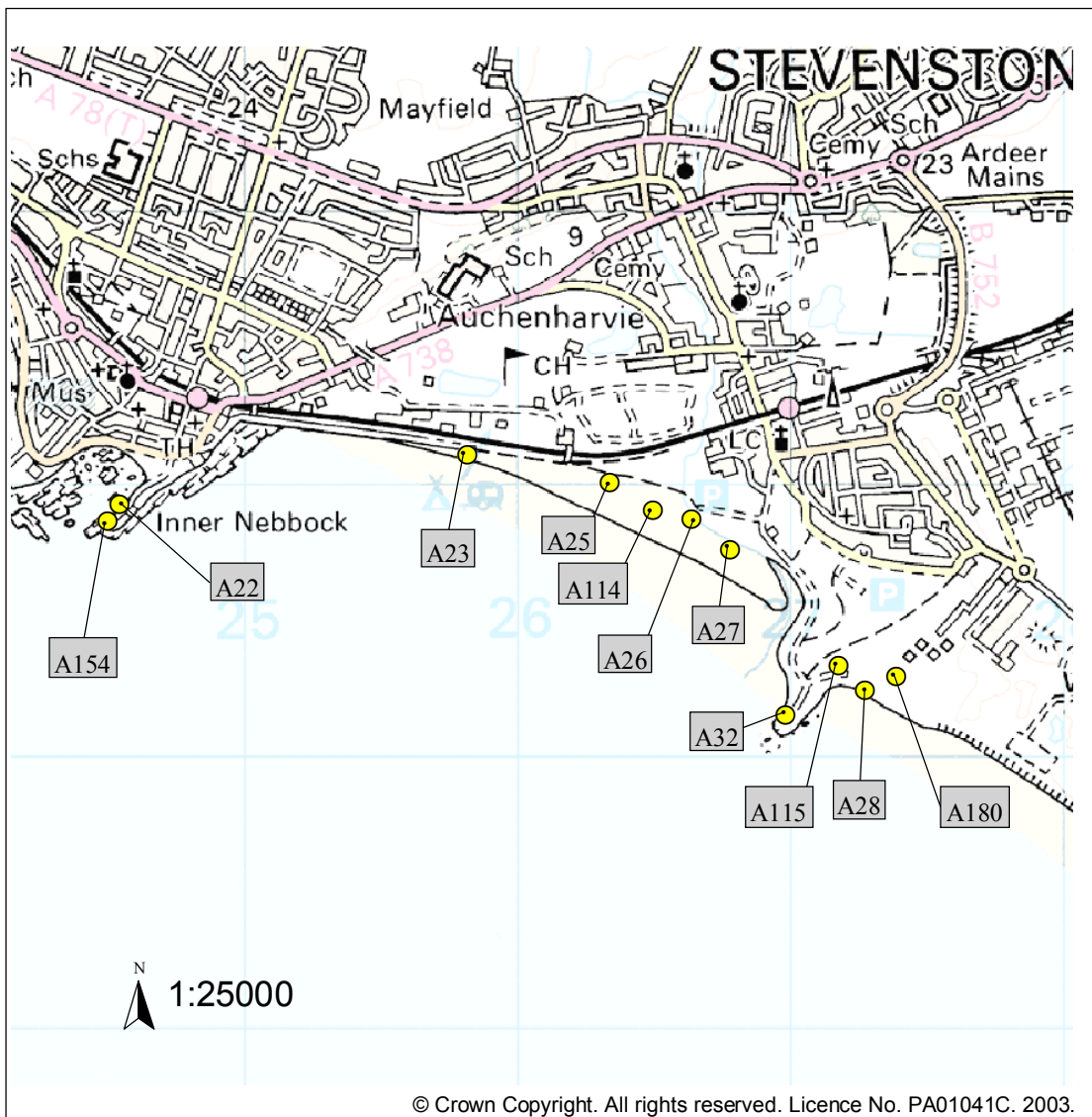
Site No A107
Grid Ref NS 22300 43600
Site Name Ardrossan, Eglinton Road
Site Type Fish Trap
Date Unknown
Condition Unknown
Recommendation Nil

Site No A113
Grid Ref NS 22420 42200
Site Name Ardrossan, Winton Pier
Site Type Railway Station
Date 18th-20th cent.
Condition Unknown
Recommendation Nil

Site No A108
Grid Ref NS 22500 43400
Site Name Ardrossan, Burnfoot
Site Type Fish Traps
Date Unknown
Condition Unknown
Recommendation Monitor

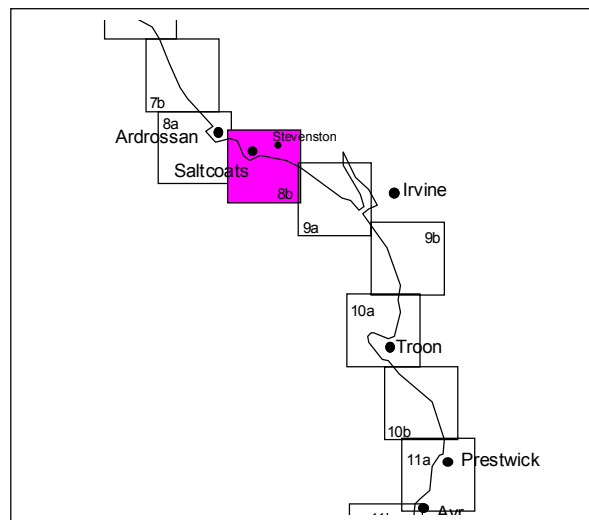
Site No A153
Grid Ref NS 22600 41700
Site Name Ardrossan, South Shipyard
Site Type Ship Yard
Date 20th cent
Condition Unknown
Recommendation Nil

Site No	A177
Grid Ref	NS 22400 41900
Site Name	Ardrossan Shipyard
Site Type	Shipyard
Date	18th-20th cent
Condition	Unknown
Recommendation	Nil



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



Map 8b: Built Heritage & Archaeology Gazetteer

Site No A22
Grid Ref NS 24543 40920
Site Name Saltcoats Harbour
Site Type Harbour/Pier
Date 14th-18th cent
Condition Good
Recommendation Nil

Site No A32
Grid Ref NS 26987 40148
Site Name Stevenston, Ardeer
Site Type Pier/Promontory
Date 20th cent
Condition Poor
Recommendation Survey

Site No A23
Grid Ref NS 25821 41102
Site Name Stevenston, East Shore
Site Type Groynes
Date Unknown
Condition Poor
Recommendation Monitor

Site No A114
Grid Ref NS 26500 40900
Site Name Saltcoats
Site Type Settlement (possible)
Date Unknown
Condition Unknown
Recommendation Monitor

Site No A25
Grid Ref NS 26343 41002
Site Name Stevenston, East shore
Site Type Mining Waste
Date 18th-20th cent
Condition Eroding
Recommendation Survey

Site No A115
Grid Ref NS 27180 40330
Site Name Stevenston
Site Type Anti-aircraft Battery;
Date 20th cent
Condition Unknown
Recommendation Monitor

Site No A26
Grid Ref NS 26639 40869
Site Name Stevenston Beach Park
Site Type Stepping Stones
Date Unknown
Condition Fair
Recommendation Nil

Site No A154
Grid Ref NS 24500 40860
Site Name Saltcoats
Site Type Gas Lamp Standard
Date Unknown
Condition Unknown
Recommendation Nil

Site No A27
Grid Ref NS 26782 40754
Site Name Stevenston Beach Park
Site Type Slipway
Date Unknown
Condition Fair
Recommendation Nil

Site No A180
Grid Ref NS 27391 40289
Site Name Stevenston, Ardeer
Site Type Plinth
Date 20th cent
Condition Fair
Recommendation Nil

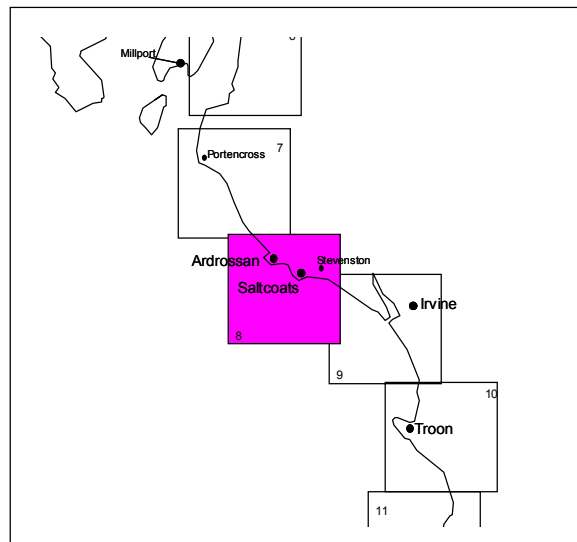
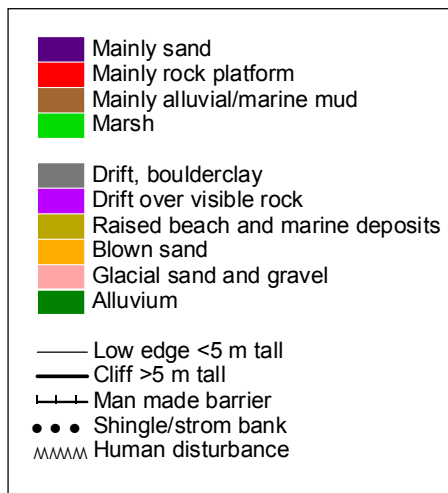
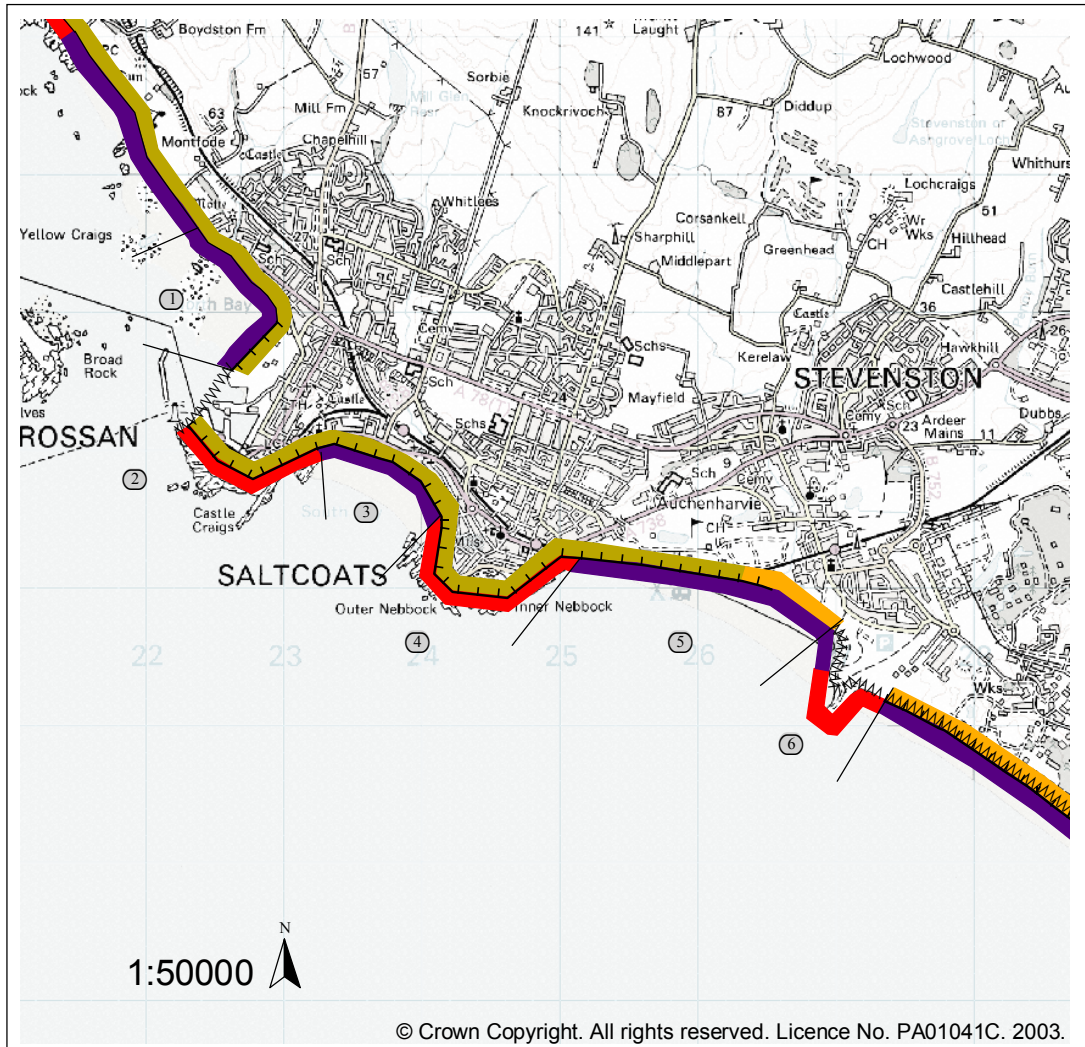
Site No A28
Grid Ref NS 27277 40237
Site Name Stevenston, Ardeer
Site Type Pillar
Date 20th cent
Condition Good
Recommendation Nil

HINTERLAND GEOLOGY & COASTAL GEOMORPHOLOGY

Ayrshire

Survey Date : 6 November 2002

MAP 8



Map 8: Ardrossan to Ardeer

Hinterland Geology and Coastal Geomorphology

1 Ardrossan North Bay

NS 2288 4312

1.15 km

Mainly sands

Mainly low edge <5 m, occasional sea wall

Raised Beach

The section of the beach has colonising vegetation extending onto the sand foreshore. Much of the hinterland near Ardrossan Harbour is protected by sea wall.

2 Ardrossan Harbour

NS 2240 4194

2.02 km

No Access

No access to Ardrossan harbour was possible. The western Pier is built directly on to a rock platform.

3 South Bay, Saltcoats

NS 2389 4184

1.42 km

Mainly sand

Sea Wall

Raised Beach, Urban area

South bay is a sand beach, which lies between the headlands of Saltcoats and Ardrossan. A promenade extends along the length of the shoreline and has up to 100 m of beach above MHWS.

4 Saltcoats Harbour

NS 2432 4094

1.45 km

Mainly rock platform

Sea Wall

Raised Beach, Urban area

The rock promontory extends around and into the harbour. It is a hard rock shoreline, with little or no sediment on the foreshore. Much of the shoreline has a seawall, which is built directly on to the rock platform.

5 Stevenston Beach

NS 2610 4108

2.07 km

Mainly sand

Mainly Sea Wall Occasional dune

Raised Beach Blown Sand, Urban area

Stevenston beach has a sand foreshore backed by dunes at the eastern end and sea wall in the mid and western areas. The sand beach is 400 m wide at low tide, next to the Stevenston Pier and narrows northwards, to the bare rock platform at Saltcoats. The partial remains of gabion baskets are present in front a dump of mining waste. Groynes and a seawall extend from the Football Ground, past the abattoir to the sewage pumping station.

6 Stevenston Pier

NS 2697 4018

0.98 km

Mainly rock platform, overlying gravels

Low edge <5 m

Reclaimed land & Raised beach

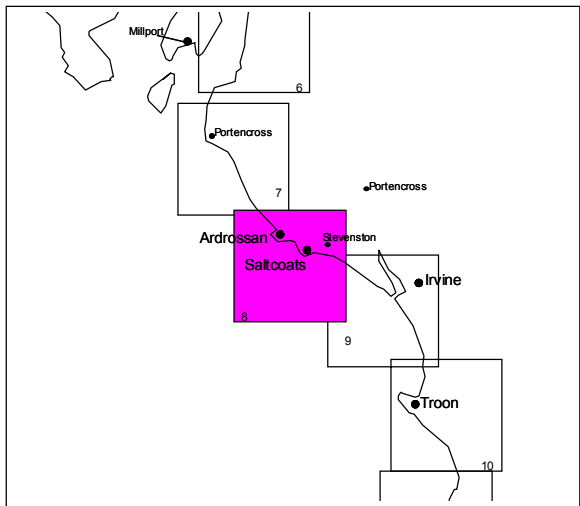
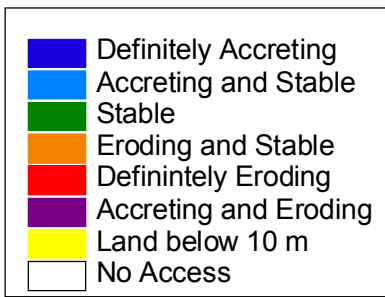
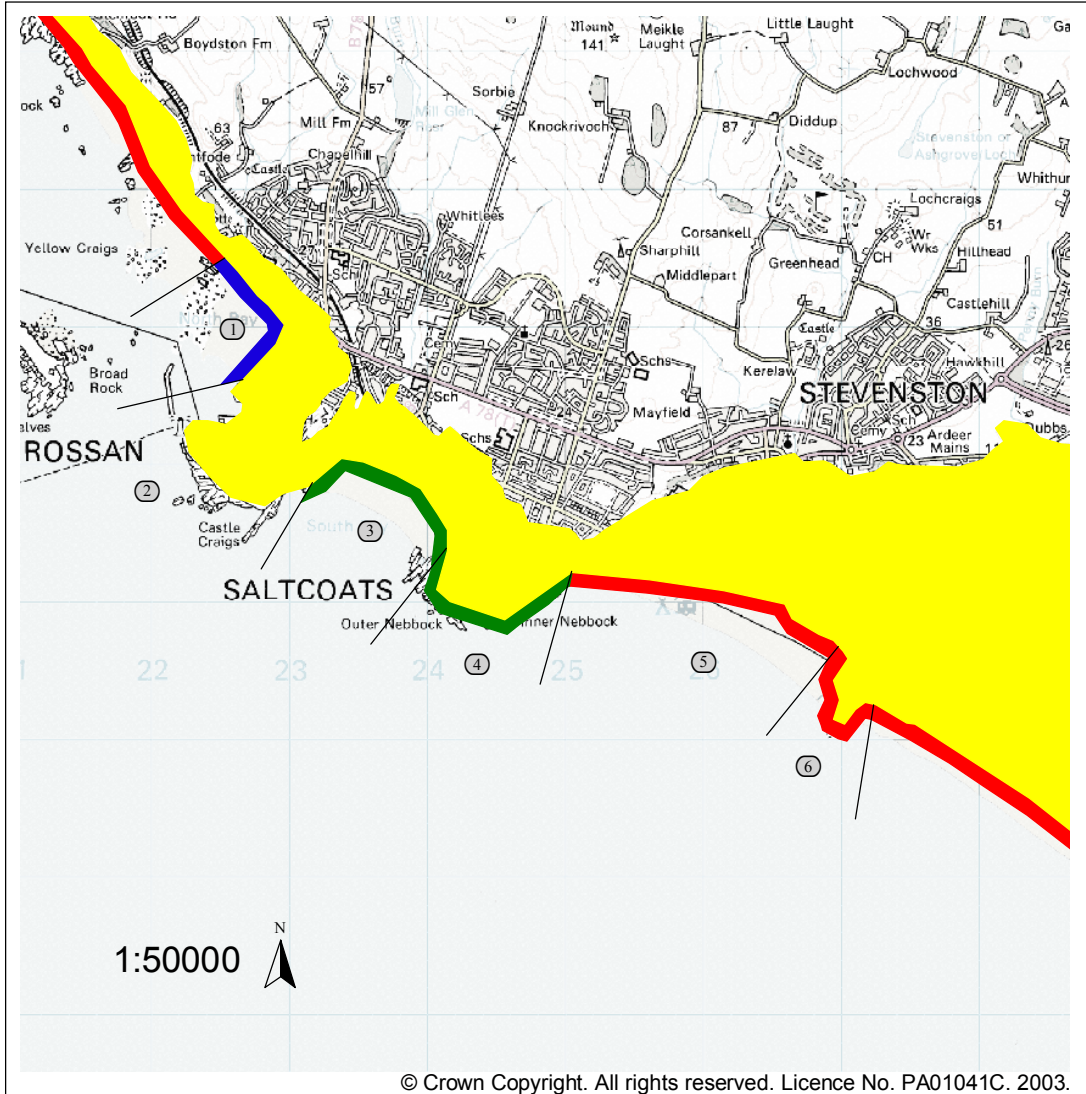
This promontory was used as a pier during the Second World War. It was constructed with gravel and boulders. Recently the Council have armoured the tip with rip-rap and constructed a seawall and slipway on the eastern edge pier. The promontory from which the pier used to extend is constructed of man made dumps of substantial quantity.

EROSION CLASS

Survey Date : 6 November 2002

Ayrshire

MAP 8



Map 8: Ardrossan to Ardeer

Erosion Class

1 Ardrossan North Bay

NS 2288 4312

1.15 km

LT: Stable - Low

ST: Accretional – Low

The section of the beach is accretional with colonising vegetation extending onto the sand foreshore (Plate 19). This can be accredited to the wave shadow effect from Ardrossan Harbour, the offshore breakwater and Horse Isle.

2 Ardrossan Harbour

NS 2240 4194

2.02 km

No Access

There was no access to the harbour and marina, however the pier, which makes up the northern edge of the harbour, shows some signs of undercutting and erosion.

3 South Bay, Saltcoats

NS 2389 4184

1.42 km

LT: Erosional - Medium

ST: Stable – Low

A promenade extends along the length of the shoreline and has up to 100 m of beach above MHWS, and hence has been classified as stable.

4 Saltcoats Harbour

NS 2432 4094

1.45 km

LT: Erosional - Low

ST: Stable – Low

Much of the shoreline has a seawall, which is built directly on to the rock platform. This section shows little sign of erosion and has been classified as stable.

5 Stevenston Beach

NS 2610 4108

2.07 km

LT: Erosional - Medium

ST: Erosional – Medium

Stevenston beach is an erosional beach, with sand foreshore backed by dunes. The dunes at Stevenston show signs of frontal and internal erosion. An attempt has been made to stabilize the coastal edge and the centre of the dunes, with mixed results, see below left. In centre of the beach a large slag deposit is being cliffed (above right). The material was a produced from coalmine, which extended offshore. The partial remains of gabion baskets are present in front of the erosional face; highlight attempts to protect the mining waste. Further protection has been used on the western section of the beach. Groynes and a seawall extend from the Football Ground, past the abattoir to the sewage pumping station. The protection shows no signs of currently being undercut.

6 Stevenston Pier

NS 2697 4018

0.98 km

LT: Erosional - Medium

ST: Erosional - High

This promontory was used as a pier during the Second World War. It was constructed with gravel and boulders and is experiencing erosion on all fronts. The eroded material is contributing to the gravel beach surrounding the promontory. Recently the Council have armoured the tip with rip-rap and constructed a seawall and slipway on the eastern edge pier, shown below, note the significant erosional bight.