

MAP 10 - KINGHORN LINKS TO LONG CRAIG

- **Built heritage and archaeology** - Kinghorn harbour is protected from the east by the narrow promontory of Abden and Skellies Rocks. In the shelter of the harbour area, there are several sites of interest. The remains of a 16th century burial site were located by contractors and a subsequent watching brief was carried out with the removal of human bones, pottery and fabrics (Mackenzie 1994). There was no evidence of this site on the survey walk and, set back behind a protected coastal edge as the site is, coastal erosion should not present a problem. The same is true for the ruined 13th century Kinghorn Old Parish Church (NT28NE11) and the nearby but more recent modern parish church of Kinghorn (NT28NE36). The coastal sector between Abden Rocks and Seafield Tower was not walked. Seafield Tower (NT28NE5) itself probably dates from the early 16th century and is now a shell in bad repair. The coast edge is close to the east walls of the castle structure and evidence of erosion on a midden next to the Tower suggests that erosion of the castle structure itself may occur within the next five years or so. The site and the associated midden should therefore be surveyed and periodically monitored. The remaining sites on this sector are most probably associated with the activities of Seafield colliery and consist of a masonry wall visible in an eroding face (NT28008918), a substantial sea-wall and pier structure (NT27908935) with associated concrete beacon stance (NT28028920) which presumably protected the colliery workings.
- **Hinterland geology and coastal geomorphology; Erosion class** - Apart from the short section of sheltered bay which forms Kinghorn harbour, the foreshore of this sector is exposed to the east and retains little sediment cover except in localised indentations and rock-cuts which act as catchment zones for sand and shingle. Behind the coastal edge, the rock promontory of Kinghorn Ness with its high coastal edge descends after Kinghorn to form a low coastal edge. In the vicinity of Seafield Colliery (Geology units 3-6), there has been substantial human interference in the form of land-fill of colliery waste behind the coastal edge and also in the deployment of short sections of sea-wall to protect the colliery workings.

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EROSION UNITS

1

NT277877

1.9 km

Not seen

Section not walked.

2

NT280888

0.7 km

Both accreting and eroding

Erosion of low cliff line undermined by wave action and accretion of sediments on some parts of a rocky shoreline.

3

NT279895

0.8 km

Stable

Rocky shoreline is stable - some sections of coastal defence along shoreline in front of Seafield Colliery.

MAP CLASS: **EROSION**
 (Assessment date: January 1996)
 NT28. Scale 1: 25 000

KINGHORN LINKS TO LONG CRAIG



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KEY

Erosion class	Staedler colour	colour
Definitely Accreting	ultramarine blue	
Accreting or stable	light blue	
Stable	light green	
Eroding or stable	orange	
Definitely Eroding	scarlet	
Both accreting and eroding	purple	
No access	blank	
Land below 10m	canary yellow	



MAP 10: KINGHORN LINKS TO LONG CRAIG

GEOLOGY UNITS

1
NT273870
0.5 km
Mainly rock platform
Man made barrier
Drift, boulder clay over visible rock
Rocky foreshore to the south east and east of Kinghorn by Abden Rocks and Skellies Rocks. Sea-wall along the coastal edge.

2
NT277881
1.7 km
Mainly rock platform
Low edge (< 5 metres)
Drift, boulder clay over visible rock
Although this section was not walked, British Geological Society Drift Maps suggest that the foreshore of this section consists of a rocky platform, with shingle and boulder debris and a low coastal edge behind.

3
NT279891
0.2 km
Mainly rock platform
Low edge (< 5 metres)
Blown sand
Rocky foreshore continues with hinterland geology changing to blown sand.

4
NT279893
0.3 km
Mainly rock platform
Man made barrier
Blown sand
Localised concrete sea-wall to protect Seafield Colliery.

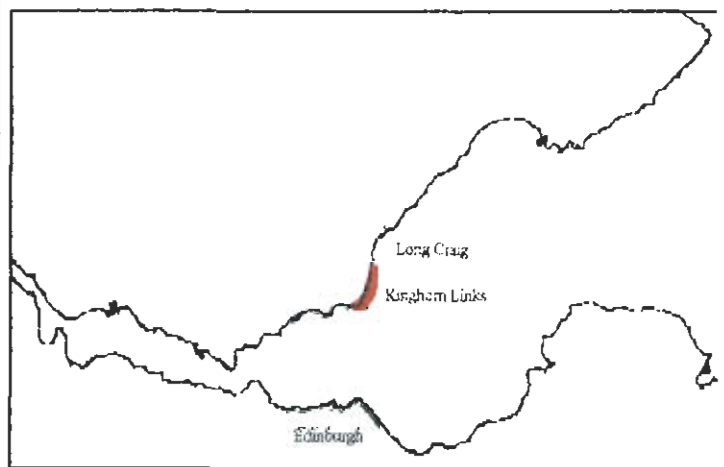
5
NT279896
0.4 km
Mainly rock platform
Human disturbance
Blown sand
Land-fill from Seafield colliery makes up the coastal edge.

6
NT279899
0.2 km
Mainly sand
Human disturbance
Blown sand
The deposition of land-fill along the coastal edge is still evident but sand has accumulated on a rocky foreshore, probably originating from the beach systems further to the north east.



KEY

Hinterland Geology	Staedtler colour	
Drift, boulder clay	light grey	
Drift, boulder clay over visible rock	Caran D'ache violet	
Raised beach and marine deposits	golden brown	
Blown sand	peach	
Glacial sand and gravel	magenta	
Alluvium	grass green	
Coast Edge		
Low edge (<5m)	thin black line	
Cliff (>5m)	solid black line	
Man made barrier	black line with spines	
Single beach	small circles	
Human disturbance	black carats	
Coastal Geomorphology		
Mainly rock platform	vermillion	
Mainly sand	indigo	
Mainly alluvial/marine mud	sienna brown	
Marsh	true green	



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**BUILT HERITAGE AND
ARCHAEOLOGY UNITS**

Sites along the coastal edge

NT27068638

Kinghorn
Pillbox
Mid 20th century
Fair
Survey

NT28NE 49

KINGHORN; THE PROMENADE
BURIAL
16th Century uncertain
Not seen
Monitor

NT27058680

Kinghorn
Kinghorn RNLI slip-way
19th - 20th Century
Fair
Nil

NT27088685

Kinghorn
Slip-way
Uncertain
Fair
Nil

NT28NE11

KINGHORN; OLD PARISH CHURCH
CHURCH
PROTECTED ANCIENT MONUMENT
12th Century
Fair
Nil

NT28NE36

KINGHORN PARISH CHURCH
CHURCH
Uncertain
Not seen
Nil

NT28NE17

SEAFIELD TOWER
BRONZE ARMLET
Uncertain
Not seen
Nil

NT28NES

SEAFIELD TOWER
TOWER, and midden in the eroding face
PROTECTED ANCIENT MONUMENT
Early 16th Century
Poor
Monitor

NT28008918

Seafield
Stone wall and brick foundation in the eroding face
Uncertain
Poor
Nil

NT28028920

Seafield Colliery
Concrete breakwater for the colliery beacon
Modern
Poor
Nil

NT27908935

Seafield Colliery
Sea wall and pier, part of old colliery complex
19th - 20th century
Fair
Nil

NT27938981

Kinghorn
2 concrete tank traps
Mid 20th century
Fair
Nil

MAP CLASS: Built Heritage and Archaeology
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 NT28. Scale 1: 25 000

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KEY

Site location	Symbol	Standard colour	Significance
NGR e.g. NO12345678	solid roundel	carmine	Protected Ancient Monument
	cross	carmine	Listed Historic Building
	open roundel	carmine	Monument formally proposed by Historic Scotland for designation
NMRS e.g. NT28NE13	solid roundel	yellow ochre	Other known Ancient Monument
	dashed outline	yellow ochre	Designed Landscape
	roundel open	yellow ochre	Undesignated Wreck
	area	green	Insufficient information, more work needed (no access, or not walked)
	area	blue	Probably archaeologically sterile

