

MAP 16 - LARGO BAY TO EARLSFERRY LINKS

- **Built heritage and archaeology** - The expansive sandy foreshore of Largo Bay is covered in a series of U-shaped arrangements of wooden fish traps (NO44700180, NO44600170) and lines of disused stake nets laid perpendicular to the coast edge (NO45100170, NO45380135, NO45300140, NO45380135, NO45600100) which in some instances remain remarkable intact. There appears to have been a network of military coastal defences along the back of Largo bay including a military bunker (NO44300220, NO44400225) and lines of tank traps (NO44450215, NO44500200) both in Largo Bay and Shell Bay (NO45400140). Large wooden posts embedded in a concrete basin, almost identical to the glider traps of Burntisland Bay (See map 9) reappear throughout Largo Bay. These may originally have been part of a second glider defence system. However, they may also have been used (or re-used) as anchor posts for the lines of stake netting. It is reasonable to assume that the disused corrugated iron storage hut at the mouth of Cocklemill Burn (NO45900085) was the focal point of this industry until its demise and the condition of the storage hut is now poor. Several cist burials have been located at Ruddons Point (NO40SE30) although these were not visible during the survey period. The remaining sites on this sector are a track cut into the bed-rock foreshore (NO46300030) which was probably used for harvesting marine produce from the foreshore, a series of military defences situated behind high cliffs on Kincaig Hill (NT49NE44), and the back wall of an eroding stone and brick built structure complete with hearth which was located at approximately the same grid reference as Macduff's Cave (NT49NE1). Is this the wall referred to in the NMRS (NT49NE1) ?
- **Hinterland geology and coastal geomorphology; Erosion class** - The sandy beach of Largo Bay reaches its maximum width of approximately 500 metres just to the north of Ruddon's Point. The partial covering of the pyramidal tank traps at the back of Shell Bay (NO45400140) and the suggestion by aerial photographs of a blown out dune at the back of Largo Bay (NO45300150) indicate that the dune systems in both these bays are eroding and that the eroded material is accumulating on the foreshore. While the sand beaches of Largo and Shell Bays are the dominant features of the sector, the underlying bedrock layer is exposed at Ruddons Point and Kincaig Point where coastal currents and wave action have prevented the accumulation of mobile sediment. Evidence for higher relative sea levels during the Holocene is preserved mainly in the form of a fossil cliffline which is best seen inland of Largo Bay and at Kincaig Point. The base of this cliffline occurs at approximately 10 metres O.D., which correlates with the predicted altitude of the Main Postglacial shoreline for this part of the coast (Firth, Collins, Smith 1995, 66). The coastal edge of these points is mostly stable except for signs of localised erosion on the most exposed sectors (Erosion Units 5, 9).

MAP 16: LARGO BAY TO EARLSFERRY LINKS

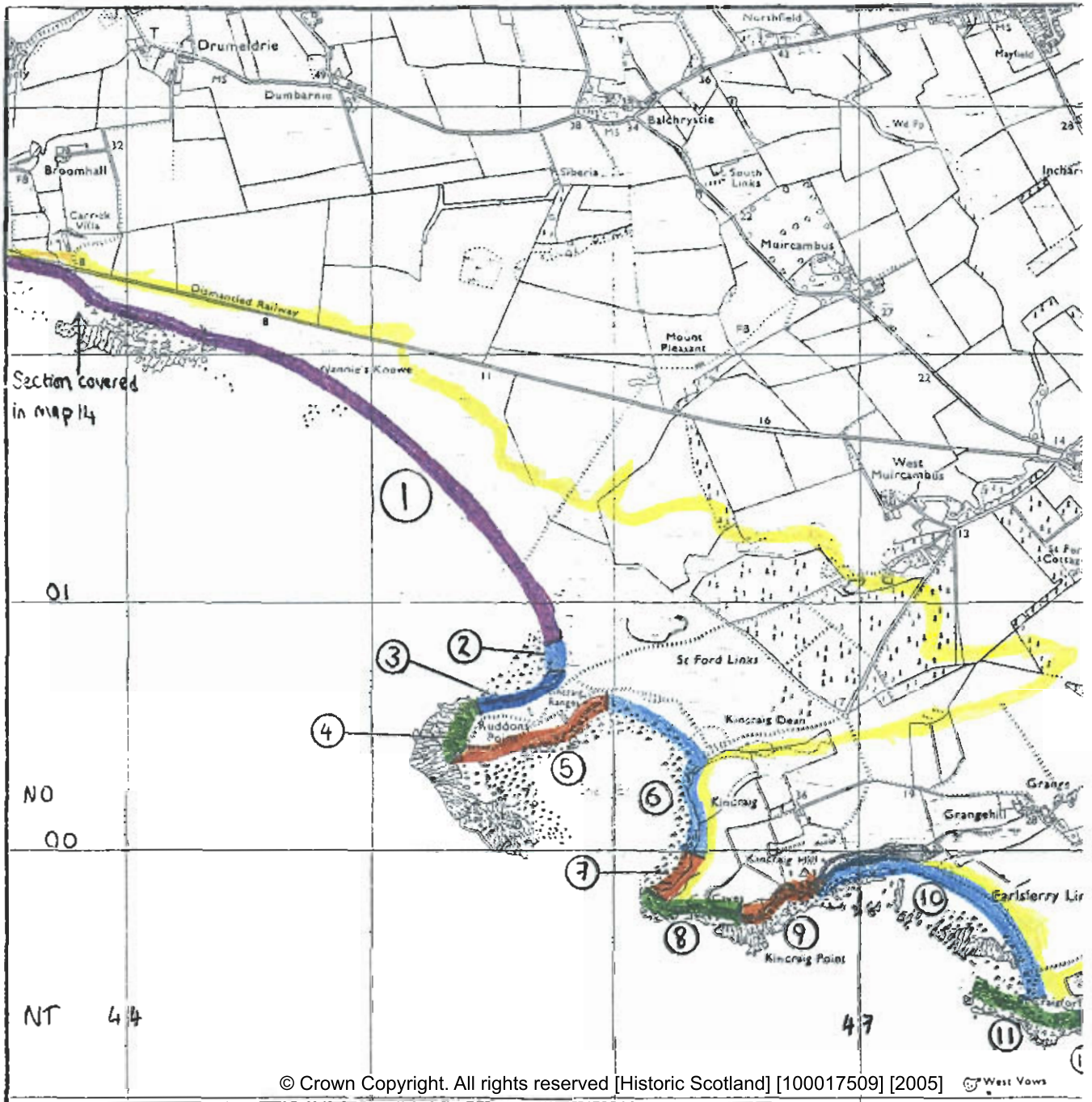
EROSION UNITS.

- 1**
NO445019
2.0 km
Both accreting and eroding
Dunes eroding, sand accreting along the foreshore.
- 2**
NO458007
0.1 km
Accreting or stable
Accreting at the mouth of Cocklemill Burn.
- 3**
NO456006
0.3 km
Definitely accreting
Sand building up on the north shore of Ruddons Point.
- 4**
NO453005
0.3 km
Stable
Rocky foreshore
- 5**
NO456005
0.6 km
Eroding or stable
Partial erosion of sand dunes at the back of a sandy bay interspersed with bed rock outcrops.
- 6**
NO463005
0.7 km
Accreting or stable
Sand is accreting in Shell Bay.
- 7**
NT462999
0.2 km
Eroding or stable
Coastal edge of igneous bed rock with topsoil covering which may be eroding.
- 8**
NT463997
0.4 km
Stable
Rocky foreland with high cliffs.
- 9**
NT468998
0.4 km
Eroding or stable
Rocky foreland with steep sloping land behind which may be eroding.

- 10**
NT474998
1.0 km
Accreting or stable
Sand may be accreting along the foreshore in front of Earlsferry Links. The dune system behind the foreshore appears stable.
- 11**
NT476994
0.4 km
Stable
Rocky foreland.
- 12**
NT479993
0.1 km
Accreting or stable
Sand accreting in narrow bays interspersed by rock promontories which are stable.

MAP CLASS: **EROSION**
 (Assessment date: 21-22 January 1996)
 NO40/50. Scale 1: 25 000

LARGO BAY TO EARLSFERRY LINKS



KEY

Erosion class	Staedfler 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	cunary yellow	



**MAP 16: LARGO BAY TO
EARLSFERRY LINKS**

GEOLOGY UNITS

1
NO452016
2.3 km
Mainly sand
Low edge (< 5 metres)
Blown sand
Layer of intertidal sand thickens as bay progresses south east. Major dune field behind with some signs of degradation of the seaward edge of the dune in the form of blow outs. Towards the south eastern boundaries of this segment, the dune system is split from Ruddons point by Cocklemill Burn.

2
NO452012
0.7 km
Mainly rock platform
Low edge (< 5 metres)
Blown sand
Rocky promontory of Ruddons Point is exposed to the sea from north west through south to south east, and has been cleared of sediment. Blown sand is retained behind the coastal edge

3
NO460016
1. km
Mainly sand
Low edge (< 5 metres)
Blown sand
Sand accumulated in the sheltered bay behind Ruddons Point. Another dune system exists at the back of the bay

4
NO464001
0.5 km
Mainly sand
Low edge (< 5 metres)
Raised beach and marine deposits
Sand and shingle on a foreshore with a coastal edge which rises towards western Kinncraig Point.

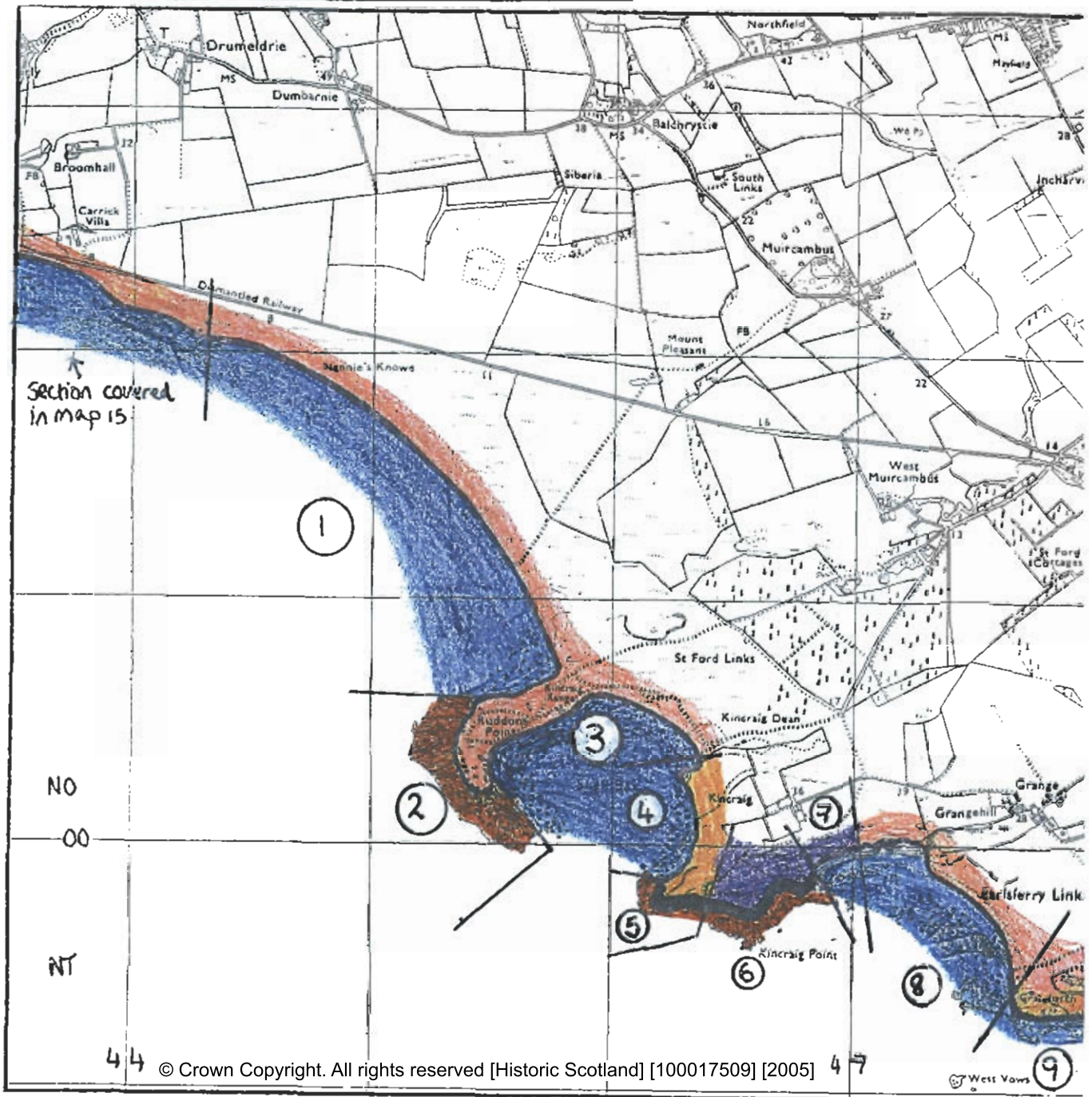
5
NT463998
0.4 km
Mainly rock platform
Cliff (> 5 metres)
Raised beach and marine deposits
Evidence of a fossil cliffline, the base of which occurs at approximately 10 m O.D., suggesting the level of a post glacial shoreline

Drift, boulder clay over visible rock
Steep cliffs and boulder clay with evidence of some slumping in parts. Raised beach continues east towards Grangehill.

7
NT469999
0.2 km
Mainly sand
Low edge (< 5 metres)
Drift, boulder clay over visible rock
High cliffs descend and sandy beach opens out into Earlsferry Bay.

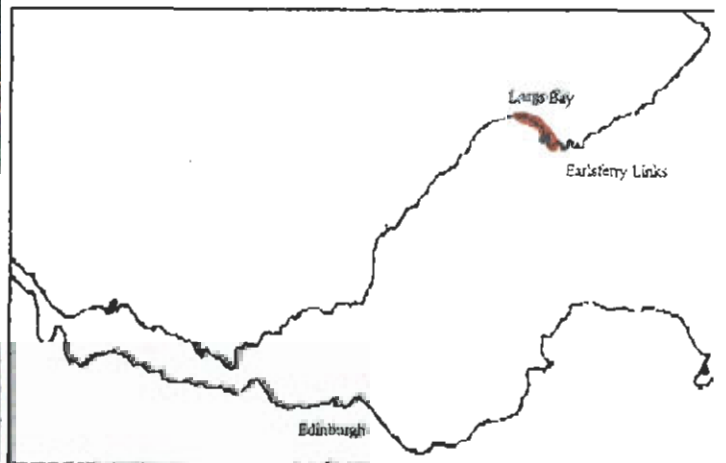
8
NT475997
1 km
Mainly sand
Low edge (< 5 metres)
Blown sand
Sand and shingle foreshore with some localised bed-rock outcrops and dune system at the back of the beach marking the seaward boundary of Earlsferry Links.

9
NT478993
0.9 km
Mainly sand
Low edge (< 5 metres)
Raised beach and marine deposits with blown sand behind.
A raised beach is evident round the promontory of Craigforth with small sandy bays interspersed by rock promontories.



KEY

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



**MAP 16: LARGO BAY
TO EARLSFERRY
LINKS**

**BUILT HERITAGE AND
ARCHAEOLOGY UNITS**

Sites along the coastal edge

NO44300220
Largo Bay
Military bunker, pillbox
Mid 20th Century
Fair
Survey

NO44400225
Largo Bay
Military bunker, pillbox
Mid 20th Century
Fair
Survey

NO44450215
Largo Bay
Line of concrete tank traps,
150 metres behind the beach
Mid 20th Century
Fair
Survey

NO44500200
Largo bay
Line of concrete tank traps,
610 metres long at back of
beach
Mid 20th century
Fair
Survey

NO44700180
Largo Bay
Fish trap, consisting of U-
shaped setting of circular
posts
Uncertain
Fair
Survey

NO44600170
Largo Bay
Fish trap, consisting of U-
shaped setting of circular
posts
Uncertain
Fair
Survey

NO44730180
Largo Bay
Concrete tank traps with
wooden glider traps in paral-
lel line
Mid 20th century
Fair
Nil

NO44750180
Fish trap consisting o concrete set
wooden posts in pattern.
Uncertain
Fair
Nil.

NO44750175
Largo Bay
Concrete tank traps with wooden
glider traps in parallel line
Mid 20th Century
Fair
Nil

NO44900165
Largo bay
Single glider post, Concrete/wood
shuttered block and post
Mid 20th century
Fair
Nil

NO45100170
Largo bay
2 lines of wooden posts salmon
stake nets
Mid 20th Century
Fair
Nil

NO45300150
Largo Bay
Semi circular enclosure, possibly a
blown out dune
Uncertain
Fair
Monitor

NO45250145
Largo Bay
Glider traps possibly mixed with
fish traps
Mid 20th Century
Fair
Nil

NO45300140
Largo bay
3 Single glider posts - salmon
stake net and concrete/wood shut-
tered block and post
Mid 20th Century
Fair
Nil

NO45380135
Largo Bay
Salmon Stake nets and posts.
20th Century
Fair
Survey.

NO45300100
Largo Bay
2 Glider traps mounted in con-
crete/wood shuttered blocks
Mid 20th Century
Fair
Nil

NO45300140
Largo Bay
2 lines of wooden posts, salmon
stake nets.
Mid 20th Century
Fair
Survey

NO45400140
Shell Bay
Tank traps, concrete pyramidal.
Mid 20th Century
Fair
Nil

NO45400120
Largo Bay
Raised feature on the beach.
Uncertain
Aerial photograph unconfirmed
on the ground
Nil

NO45600100
Largo Bay
Possible fish trap, mixed in with
several glider traps
Uncertain
Fair
Nil

NO45900085
St Fords Links
Corrugated iron fishing hut
Uncertain
Poor
Survey

NO46050092
St. Fords Links
Circular depressions on the east
of Cocklemill burns
Uncertain
Aerial photograph unconfirmed
on the ground
Nil

NO40SE30
RUDDONS POINT
CIST
Uncertain
Not seen
Monitor

NO45700065
Kinraig ranges
Earthworks, possibly part
of the range activities
Uncertain
Fair
Survey

NO46300030
Kinraig Point
Disused track from beach,
possibly related to kelp
collecting industries
Uncertain
Fair
Nil

NT49NE44
KINCRAIG BATTERY
RADAR OBSERVATION
POST.
Mid 20th Century
Fair
Survey

NT49NE44
KINCRAIG BATTERY
BATTERY OBSERVA-
TION POST AND
BATTERY
Mid 20th Century
Fair
Survey

NT49NE1
MACDUFFS CAVE
CAVE Stone, brick and
hearth visible in the
eroding face.
Uncertain
Poor
Survey, Monitor

NT47859935
Earlsferry Links
Dry stone wall
Uncertain
Fair
Nil