

## 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 Kinraig 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 Pint and Kinraig 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 Kinraig 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.*

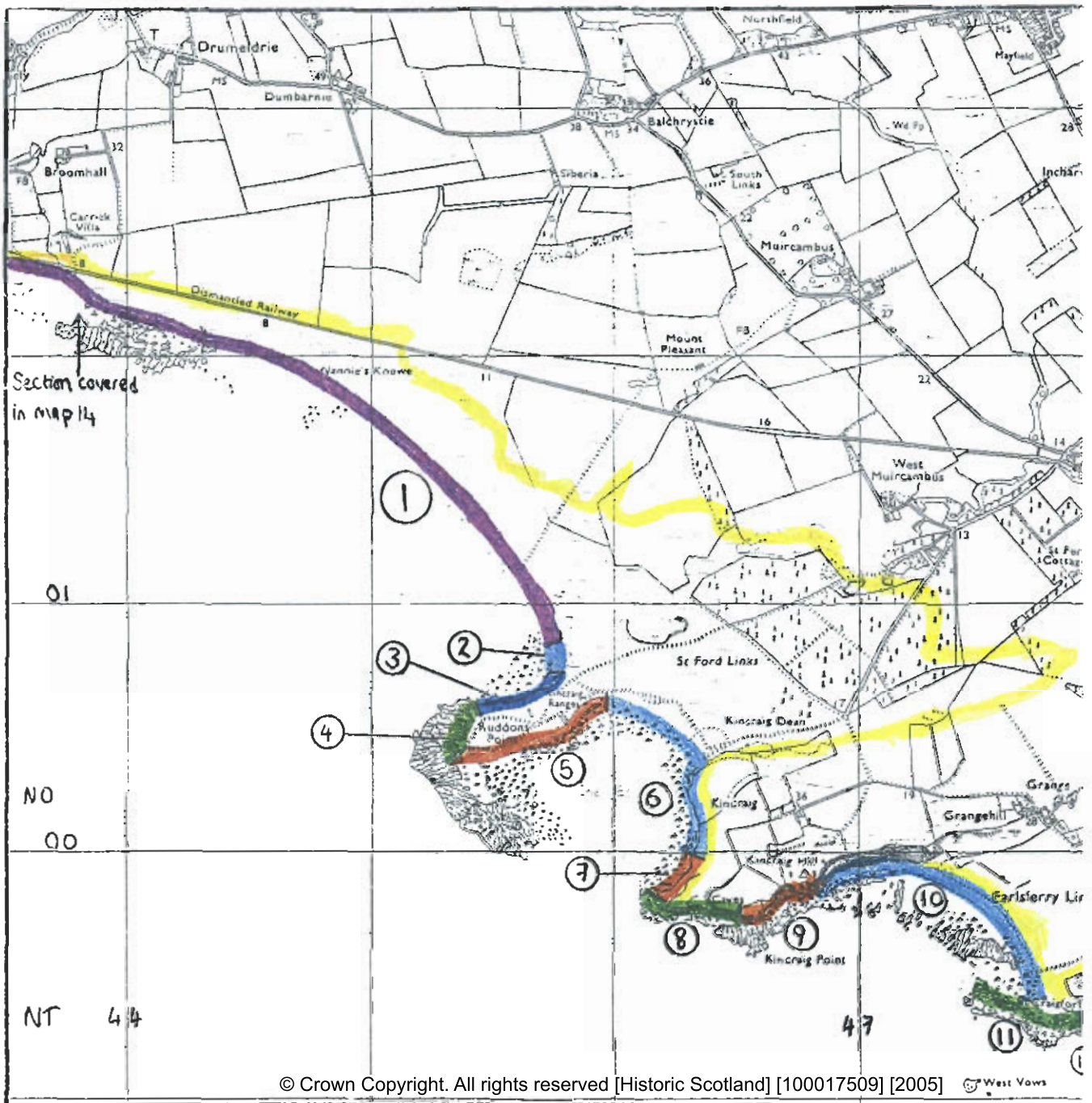
- 10**  
NT474998  
1.0 km  
Accreting or stable  
*Sand may be accreting along the foreshore in front of Earlsferry Links. The dune system behind the foreshore appears stable.*
- 11**  
NT476994  
0.4 km  
Stable  
Rocky foreland.
- 12**  
NT479993  
0.1 km  
Accreting or stable  
Sand accreting in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

**MAP CLASS: EROSION**

(Assessment date: 21-22 January 1996)

NO40/50. Scale 1: 25 000

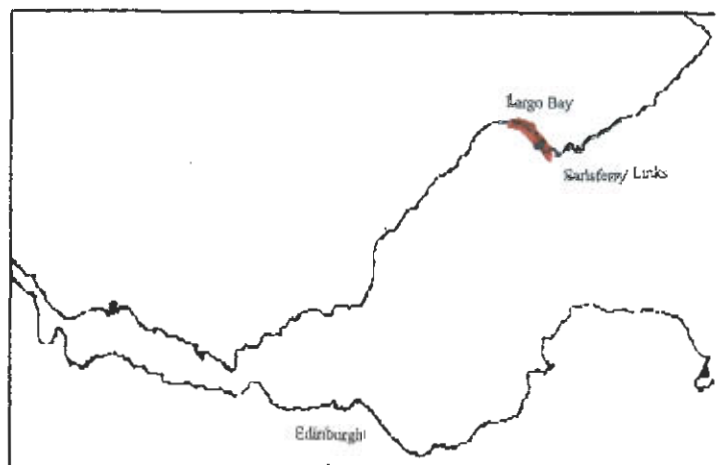
**LARGO BAY TO EARLSFERRY LINKS**



© Crown Copyright. All rights reserved [Historic Scotland] [100017509] [2005] West Vows

**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*

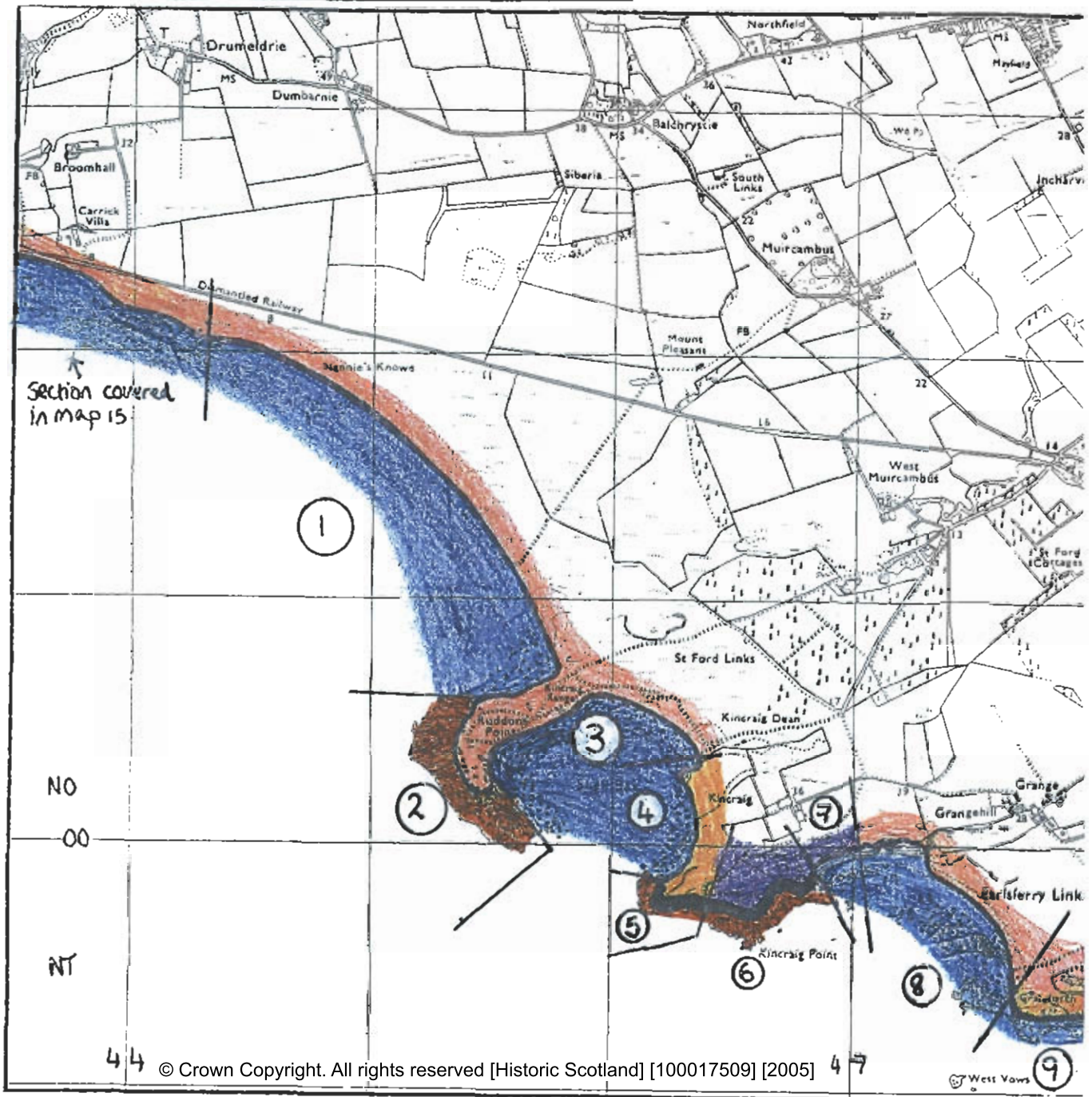
Drift, boulder clay over visible rock  
*Steep cliffs and boulder clay with evidence of some slumping in parts. Raised beach continues east towards Grangehill.*

**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.*

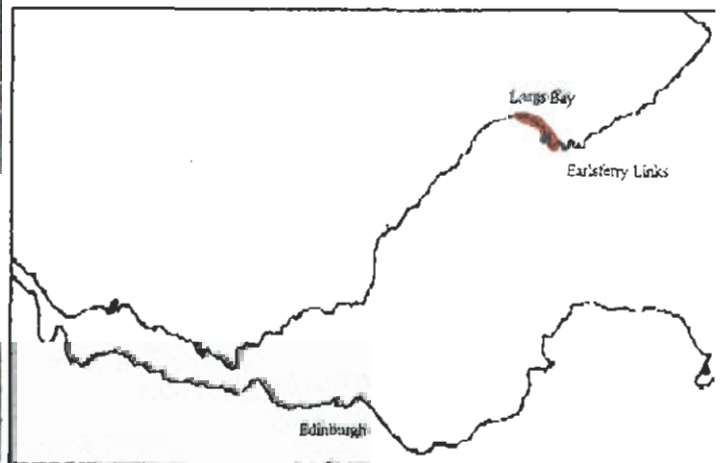
**9**  
NT478993  
0.9 km  
Mainly sand  
Low edge (< 5 metres)  
Raised beach and marine deposits with blown sand behind.  
*A raised beach is evident round the promontory of Craigforth with small sandy bays interspersed by rock promontories.*





KEY

Hinterland Geology	Staedler colour	
Drift, boulder clay	light grey	
Drift, boulder clay over visible rock	Caran Et'ache violet	
Raised beach and marine deposits	golden brown	
Blown sand	peach	
Glacial sand and gravel	maagenta	
Alluvium	grass green	
<b>Coast Edge</b>		
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	
<b>Coastal Geomorphology</b>		
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.  
20<sup>th</sup> 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*