

### MAP 3 - PRESTON ISLAND TO CROMBIE

- **Built heritage and archaeology** - The remains of a combined salt pan and coal mine complex are situated in the middle of Preston Island (NT08NW31), located on reclaimed land above the level of mean high water. A watching brief and excavation was carried out on one of the 18th century salt-pan houses as part of an extensive restoration and clearance project on behalf of Fife Region and Scottish Power. These investigations revealed structural evidence of the saltworking industry as well as indications of multiphase usage of this site as a salt pan (Ewart 1993). The existence of a disused coal mine at High Valleyfield (NT08NW43) and a dilapidated pier at Newmills, Torryburn (NT01508625) that was used partly as a loading point for cargos of coal both reinforce the importance of the coal industry to the Culross, Torryburn area. Other sites of interest include a collection of 7 stone cairns built on the mud-flats and situated high up on the foreshore (NT02428569), a stone structure which is probably a fishtrap (NT01908625) and the possible site of a crannog on the east side of Crombie pier (NT03248446: site description 2) all of which need to be surveyed individually. The remains of Crombie Old Parish Church may be seen approximately 150 metres behind the foreshore. A ruin which may date to the 13th century, this rectangular building with substantially rebuilt sections was the parish church of Crombie before the parishes of Crombie and Torry were united in the parish of Torryburn at some date prior to 1623 (RCAHMS 1933,272). Two middens (NT08NW34,NT08NW37) previously recorded near to the church site were not seen during the survey.
- **Hinterland geology and coastal geomorphology; Erosion class** - At the eastern side of Torrybay, the mud flats pass into fine, then coarse sand and gravel, which covers a rock platform in some places but is exposed over widespread areas, a factor which suggests that a degree of scour is occurring along this coastal sector. Piers at Kinniny Braes and Crombie have caused localised accretion and erosion of sediments on either side but, generally speaking, at the time of the survey, this coastal sector was either stable or showing evidence of some sediment deposition. There is evidence at Crombie Point in particular of a degraded cliff behind the coastal edge suggesting the level of an older coastline.

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#### EROSION UNITS

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**1**

NT004848

0.9 km

Not seen

*Mud flats not walked as access was deemed un-safe due to Preston Island fly ash.*

**2**

NT023859

3.8 km

Accreting or stable

*Viewed but not walked. Access was deemed un-safe due to Preston Island fly ash.*

**3**

NT031845

0.2 km

Definitely accreting

*Mud flats accreting on the east side of Crombie Pier.*

**4**

NT032845

0.2 km

Accreting or stable

*Mud flats may be accreting on bedrock outcrops.*

**5**

NT036842

1 km

Stable

*Coastal defences along shoreline between Long Craig and Horse Craig.*

**6**

NT044841

0.18 km

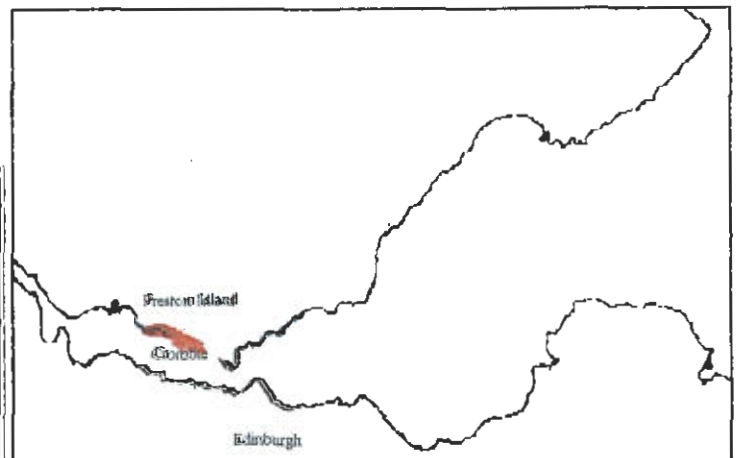
Accreting or stable

*Mud flats may be accreting along coastal defences.*



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	black	
Land below 10m	canary yellow	



## MAP 3: PRESTON ISLAND TO CROMBIE

### GEOLOGY UNITS

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**1**  
NT012852  
2.3km  
Mainly alluvial/marine mud  
Man made barrier  
Raised beach and marine deposits  
*Man-made barrier separates Preston Island fly ash dump from mud foreshore. Coastal edge consists of raised beach material.*

**2**  
NT018862  
1.3km  
Mainly alluvial/marine mud  
Low edge (< 5 metres)  
Raised beach and marine deposits  
*From Newmills to Torryburn*

**3**  
NT027854  
1.5 km  
Mainly rock platform  
Low edge (< 5 metres)  
Raised beach and marine deposits  
*Mud flats change into fine, then coarse sand, then gravel interspersed by bed rock outcrops which dominate the upper intertidal zone.*

**4**  
NT031845  
0.2 km  
Mainly rock platform  
Man made barrier  
Raised beach and marine deposits  
*Bed-rock outcrops particularly visible around Crombie Point where coarse material on the foreshore may have originated from the deteriorating old Crombie Pier.*

**5**  
NT034844  
0.7 km  
Mainly rock platform  
Low edge (< 5 metres)  
Raised beach and marine deposits  
*Mud flats interspersed with bed-rock outcrops.*

**6**  
NT038841  
0.1 km  
Mainly rock platform  
Man made barrier  
Raised beach and marine deposits  
*Stone pier in front of Kinniny Braes has been built.*



NT

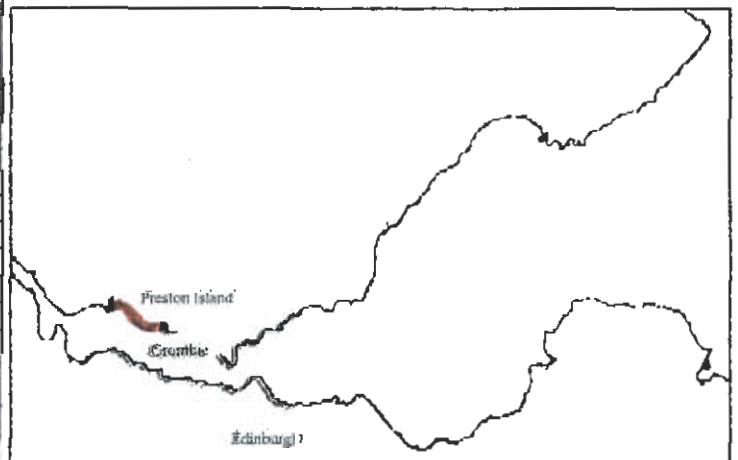
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**KEY**

Hinterland Geology	Staedtler colour	
Drift, boulder clay	light grey	
Drift, boulder clay over visible rock	Carm D'ache violet	
Raised beach and marine deposits	golden brown	
Blown sand	peach	
Glacial sand and gravel	magenta	
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	stems brown	
Marsh	true green	



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**BUILT HERITAGE AND ARCHAEOLOGY**

*Sites Behind the foreshore in Torryburn (TORRY)*

**NT08NW44**  
NEWMILLS BRIDGE  
BRIDGE  
Uncertain  
Not seen  
*Nil*

**NT08NW14**  
NEWMILLS; ROSEBANK HOUSE  
Uncertain  
Not seen  
*Nil*

**NT08NW29**  
NEWMILLS; 16 MAIN ST COTTAGE  
Uncertain  
Not seen  
*Nil*

**NT08NW27**  
NEWILLS; OAKU BAY HOUSE  
Uncertain  
Not seen  
*Nil*

**NT08NW7**  
TORYBURN; 2; 4 AND 6 THE NESS HOUSES; COTTAGE  
Uncertain  
Not seen  
*Nil*

**NT08NW9**  
TORYBURN; 1 & 3 THE NESS COTTAGES  
Uncertain  
Not seen  
*Nil*

**NT08NW8**  
TORYBURN; 5 & 7 THE NESS HOUSES  
Uncertain  
Not seen  
*Nil*

*Sites on the coastal edge*

**NT08NW31**  
PRESTON ISLAND SALTWORKS: Pans and Pan-house  
PROTECTED ANCIENT MONUMENT  
18th - 19th Century  
Noted but not visited  
Fair  
*Nil*

**NT08NW43**  
HIGH VALLEYFIELD COLLIERY COAL MINE  
18th - 20th Century  
Noted but not visited  
*Nil*

**NT01508580**  
Torryburn  
Pier, dismantled  
17th - 19th Century  
Poor  
*Survey*

**NT01558575**  
Torryburn  
Line of three circular wooden stakes  
Uncertain  
Fair  
*Nil*

**NT01908625**  
Torryburn  
D-Shaped stone fish trap  
Uncertain  
Fair  
*Survey*

**NT02358591**  
Torryburn  
Line of three circular wooden stakes set in a stone dyke  
Uncertain  
Fair  
*Nil*

**NT02428569**  
Torryburn  
7 Cairns of small stones on mud flats, 2.0 metres diameter.  
Uncertain  
Fair  
*Survey*

**NT08NW5**  
CROMBIE OLD PARISH CHURCH  
CHURCH; GRAVEYARD.  
PROTECTED ANCIENT MONUMENT  
13<sup>th</sup> Century  
Noted but not visited  
*Nil*

**NT08NW37**  
TORYBURN  
MIDDEN: SHELL  
Uncertain  
Not seen  
*Nil*

**NT08NW34**  
TORYBURN  
MIDDEN: SHELL  
Uncertain  
Not seen  
*Nil*

**NT08NW12**  
CRAIGFLOWER ESTATES; GARDENERS LODGE  
Uncertain  
Noted but not visited  
*Nil*

**NT08SW28**  
CRAIGFLOWER ESTATE; STRIPESIDE HOUSE,  
Uncertain  
Noted but not visited  
*Nil*

**NT08SW29**  
CROMBIE POINT HOUSE  
Uncertain  
Noted but not visited  
*Nil*

**NT08SW30**  
CROMBIE POINT VIEW-FORTH HOUSE  
Uncertain  
Noted but not visited  
*Nil*

**NT03108450**  
Crombie  
Pier, drystone, 350 metres long, partially dismantled  
17th - 19th Century  
Fair  
*Survey*

**NT03248446**  
Crombie  
Crannog, Possible  
**\*See site description 2.**  
Uncertain  
Fair  
*Survey*

**NT03758410**  
Crombie  
Jetty, stone  
20th Century  
Fair  
*Nil*



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
	solid roundel	yellow ochre	Other known Ancient Monument
NMRS e.g. NT28NE13	dashed outline	yellow ochre	Designated Landscape
	roundel open	yellow ochre	Undesignated Wreck
	area	green	Insufficient information, more work needed (no access or not walked)
	area	blue	Probably archaeologically sterile

