

#### MAP 4: CHAPEL ROSSEN TO SANDHEAD

**Hinterland Geology and Coastal Geomorphology:** The hinterland geology is the same as that on the preceding map. Raised beach deposits commonly of sand and shingle and gravel occur from Chapel Rossan Bay (Unit 1) to Clay Hill (NX 018 460). In parts these form crescent shaped ridges. Fluvioglacial gravel are recorded at Alwhibbie Bridge and Sandhead Bay. The foreshore up to Sandhead Bay is mainly sand with shingle banked at the HWM. Poorly sorted boulders and sand bars occur between the HWM and LWMS intertidal zone.

**Erosion Class:** An extensive concrete sea walls protects a public road at Chapel Rossan Bay and Alwhibbie Bridge. Chapel Rossan bay is stable. The coastline beyond this point is eroding or stable and prone to scouring and wave induced mass-movement. This is giving rise to bare patches of sand. However shingle banks at the HWM are affording some stability for much of this region of coastline.

**Built Heritage & Archaeology:** The archaeology of this section is thinly distributed and consists solely of eighteenth, nineteenth and twentieth century monuments. These include fishing stakes and a boat noost on the foreshore, and a dyemill, gardens and an inscribed slab in the hinterland. None of the sites is threatened with the exception of the boat noost at Sandhead Bay (NX 1024 4888) which is suffering from tidal abrasion.

## Map 4: Hinterland Geology and Coastal Geomorphology

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### 1. LONGRIGG PLANTATION to north of CLAYHILL

NX 110 464

2.5km

Cliff (< 5m)

*Raised beach and marine drift*

This unit contains Chapel Rossan and Drumantrae Bay. The hinterland behind these features are marine derived raised beach deposits.

### 2. CLAYHILL to SANDHEAD BAY

NX 104 485

0.3km

Cliff (< 5m)

*Mainly raised beach and glacial sand*

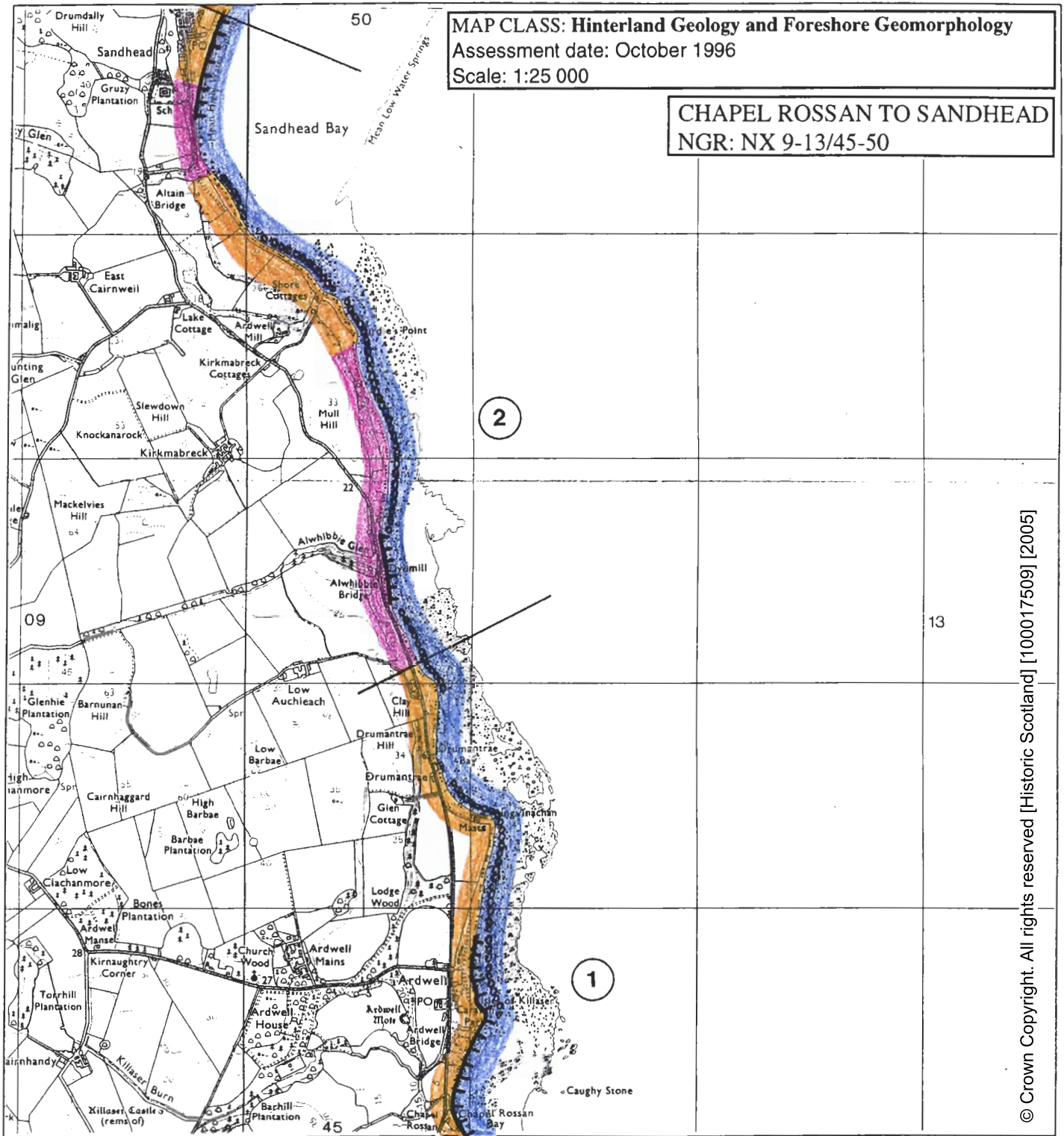
The foreshore consists of sand and poorly sorted boulders intermixed with areas of clean sand.

The hinterland comprises glacial sands and gravels with raised beaches present towards Sandhead Bay.

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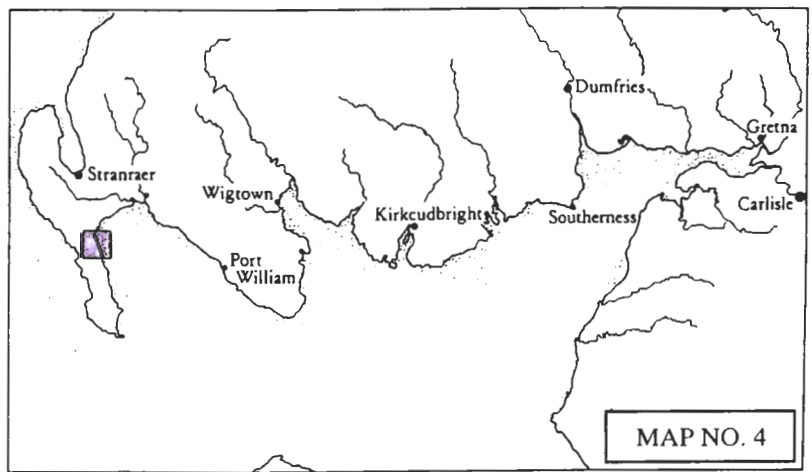
MAP CLASS: Hinterland Geology and Foreshore Geomorphology  
 Assessment date: October 1996  
 Scale: 1:25 000

CHAPEL ROSSAN TO SANDHEAD  
 NGR: NX 9-13/45-50



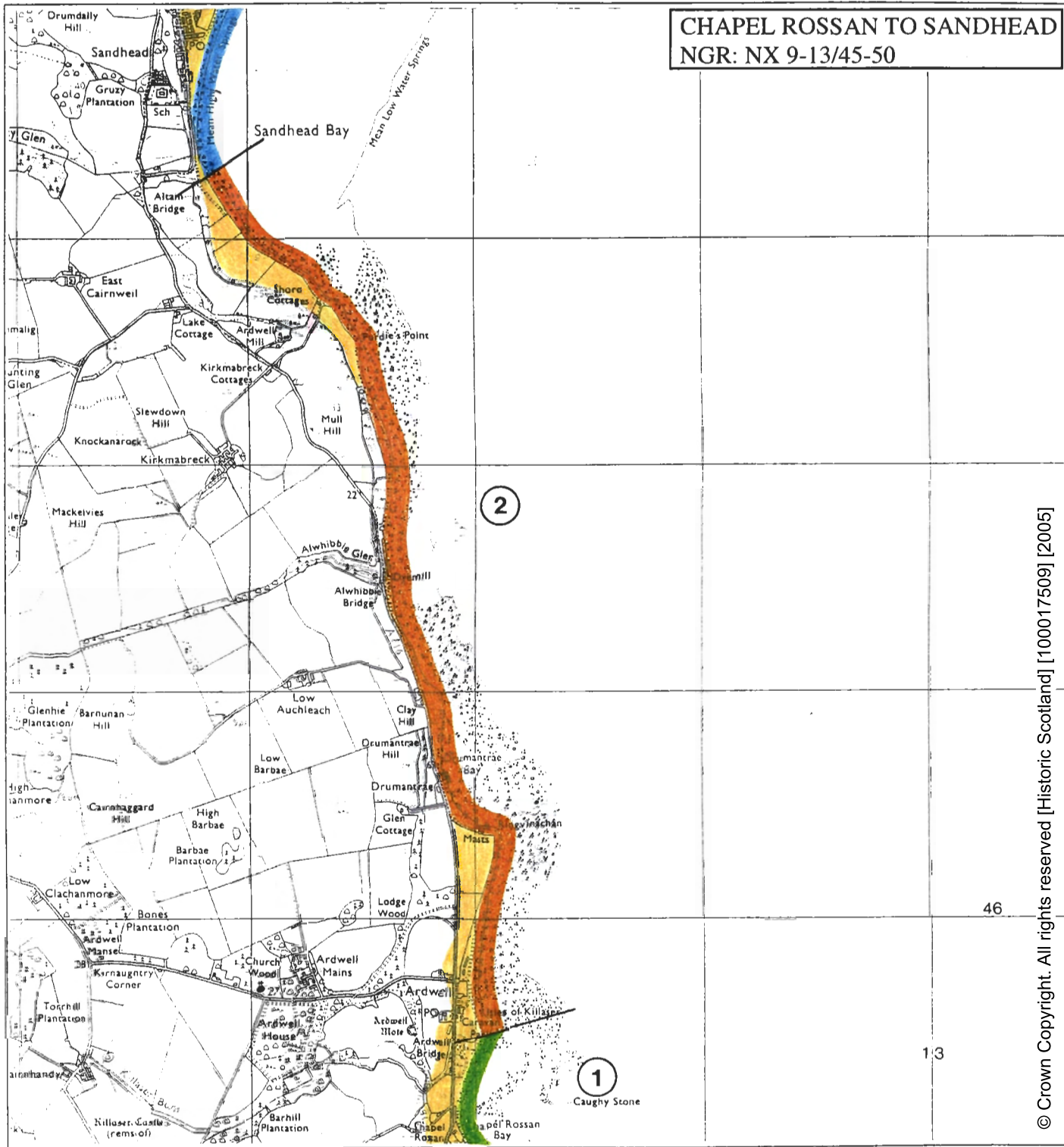
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Hinterland Geology	Derwent Code	Colour
Drift, boulder clay	French Grey	
Drift, boulder clay over visible rock	Dark Violet	
Raised beach and marine deposits	Golden Brown	
Blown sand	Pink Madder Lake	
Glacial sand and gravel	Magenta	
Alluvium	Emerald Green	
Coastal Geomorphology		
Mainly rock platform	Deep vermilion	
Mainly sand	Ultramarine	
Mainly alluvial/marine mud	Venetian Red	
Marsh	May 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 curats	



MAP NO. 4

**CHAPEL ROSSAN TO SANDHEAD**  
NGR: NX 9-13/45-50



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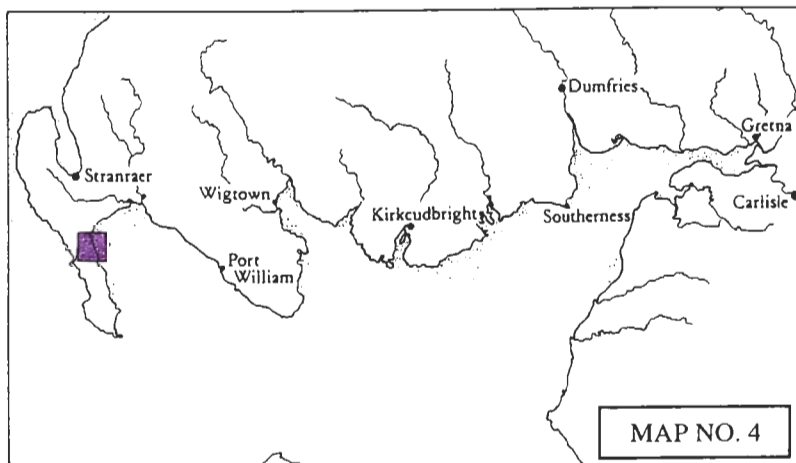
**KEY**

Erosion class	Derwent Code	Colour
Definitely accreting	Prussian Blue	
Accreting/stable	Light Blue	
Stable	Grass Green	
Stable/eroding	Deep Chrome	
Definitely eroding	Deep Vermilion	
Both accreting and eroding	Imperial Purple	
No access	Blank	
Land below 10m	Straw Yellow	

**MAP CLASS: EROSION**

Assessment date: 23.9.96

Scale 1:25 000



**MAP NO. 4**

## MAP 4: BUILT HERITAGE AND ARCHAEOLOGY

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### Sites on the Coast & Foreshore

**NX 1024 4888**  
SANDHEAD BAY  
Boat Noost  
Uncertain  
Fair  
Monitor

**NX 0988 4930**  
SANDHEAD BAY  
Fishing Net Stakes  
Uncertain  
Good  
Nil

### Sites in the Hinterland

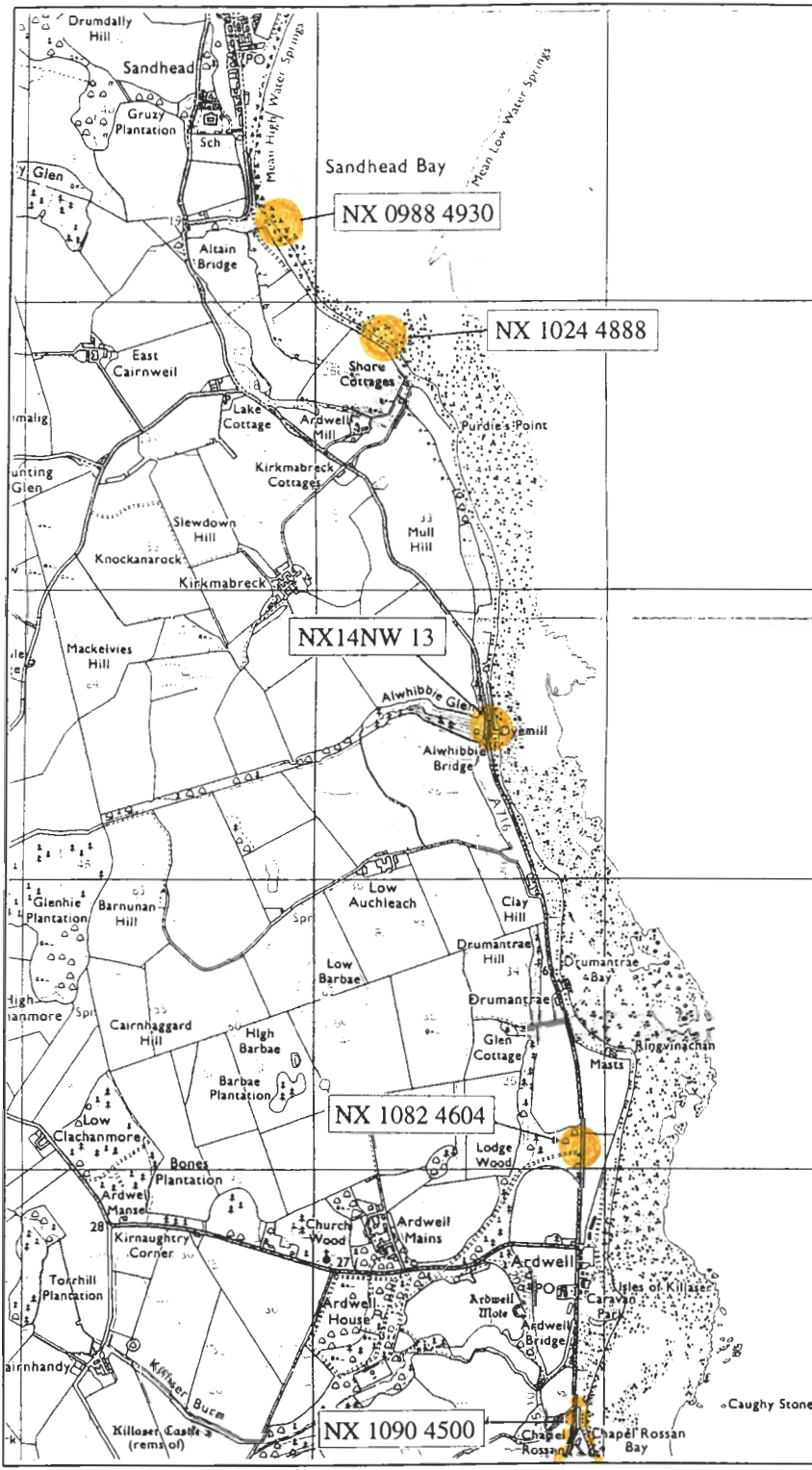
**NX 1090 4500**  
ARDWELL HOUSE  
Gardens  
18/19/20th centuries  
Good  
Nil

**NX 1082 4604**  
LODGE HOUSE, ARDWELL MAINS  
"Murder" Stone Slab  
18/19th century  
Good  
Nil

**NX14NW 13**  
NX 1059 4751  
ALWHIBBLE  
Dyemill  
18/19th century  
Good  
Nil

MAP CLASS: Built Heritage and Archaeology  
 Assessment date: September 1996  
 Scale: 1:25 000

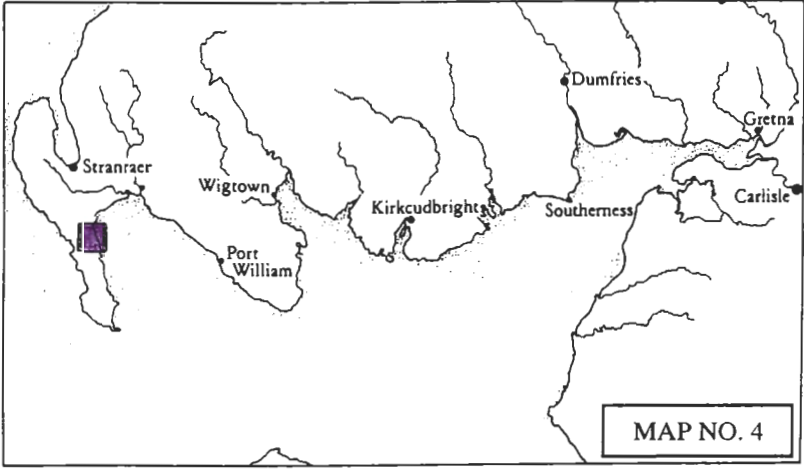
CHAPEL ROSSAN TO SANDHEAD  
 NGR: NX 9-13/45-50



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KEY

Site location	Symbol	Colour	Significance
NGR ref. - eg.	Roundel - Solid, (or area)	Red	Protected Ancient Monument
	Cross	Red	Listed Historic Building
NX 143 368	Roundel - Open, (or area)	Red	Monument formally proposed by Historic Scotland for designation
NMRS ref. - eg.	Roundel - Solid, (or area)	Yellow	Other known Ancient Monument
	Dashed outline	Yellow	Gardens/Designed landscape
NX 13 SW 17	Roundel - Solid, (or area)	Yellow	Undesignated wreck
	Area	Green	Insufficient information; more work needed
	Area	Blue	Probably archaeologically sterile



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