

MAP 25: KIRKBRIDE BANK TO KIRKDALE BANK

Hinterland Geology and Coastal Geomorphology: This stretch of coastline is regular with a hinterland dominated by marine sand and gravel deposits. The foreshore overlooks a wide expanse of tidal flats and is covered with poorly sorted boulders, shingle and sand.

Erosion Class: Owing to the shallow conditions and long fetch across Wigtown Bay, wave action is dampened thus resulting in stable conditions along this particular stretch of the coast.

Built Heritage & Archaeology: This section includes two sets of fishing stakes, forming Lower Kirkbride Fishery and a quay; Kirkdale Port. All three sites are situated on the coastal edge. However only the more northern fishing stakes of Lower Kirkbride Fishery is susceptible to sea abrasion and thus requiring monitoring.

Map 25: Hinterland Geology and Coastal Geomorphology

1. POINT FISHERY to CARSLUITH GARDEN SANDS

NX 480 560

4.2km

Low edge (< 10m)

Marine derived sands and gravels

Middle tidal reach of Wigton Sands with marine sands and gravels on the hinterland. The foreshore consists of alluvial silts towards Point Fishery that gives way to salt-marsh further south. South of Kirkmabreck Quay the foreshore changes markedly to poorly sorted boulders intermixed with fine alluvial sand and mud.

2. CARSLUITH GARDEN SANDS to RAVENSHALL

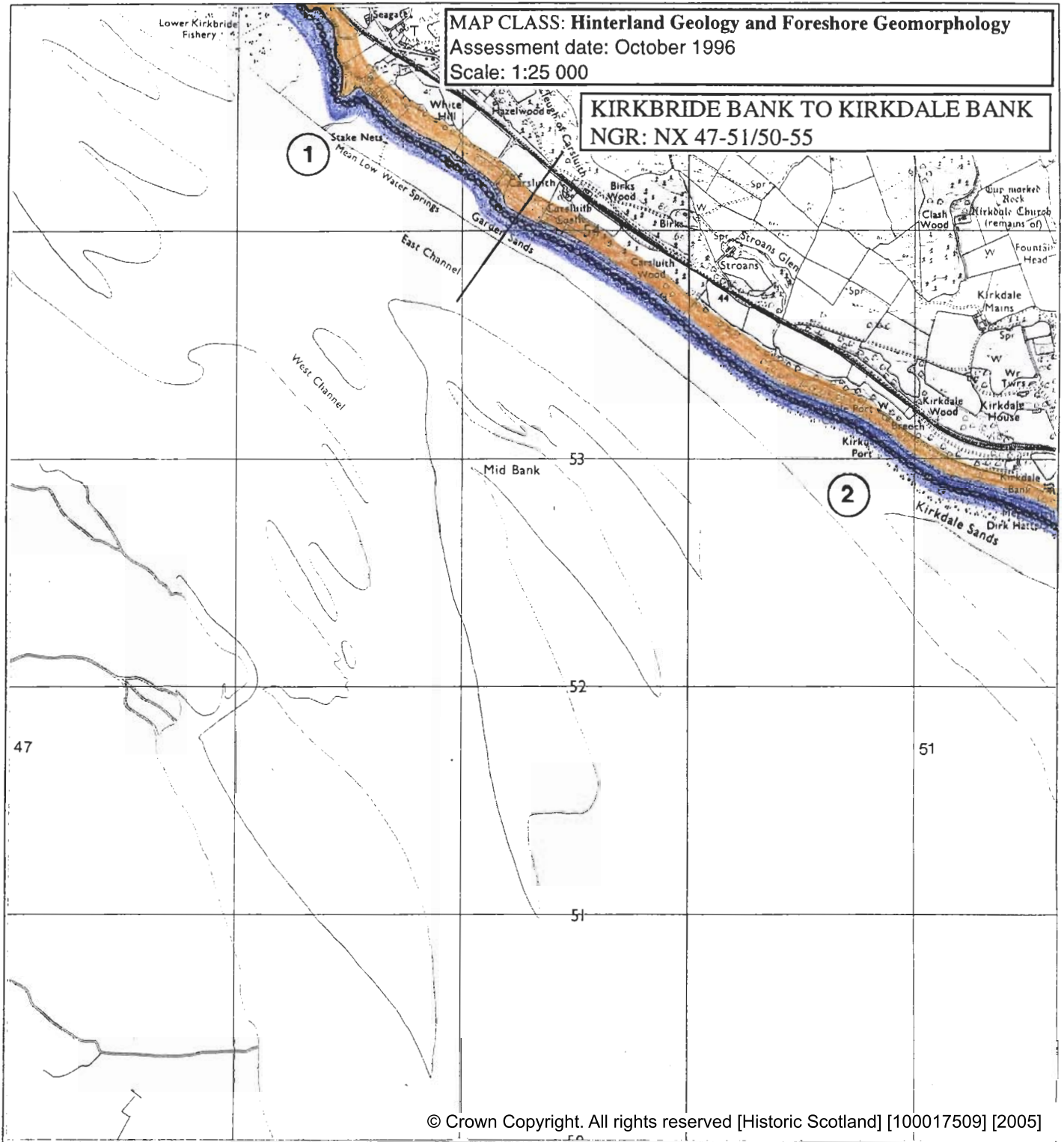
NX 510 530

3.4km

Low edge (< 10 m)

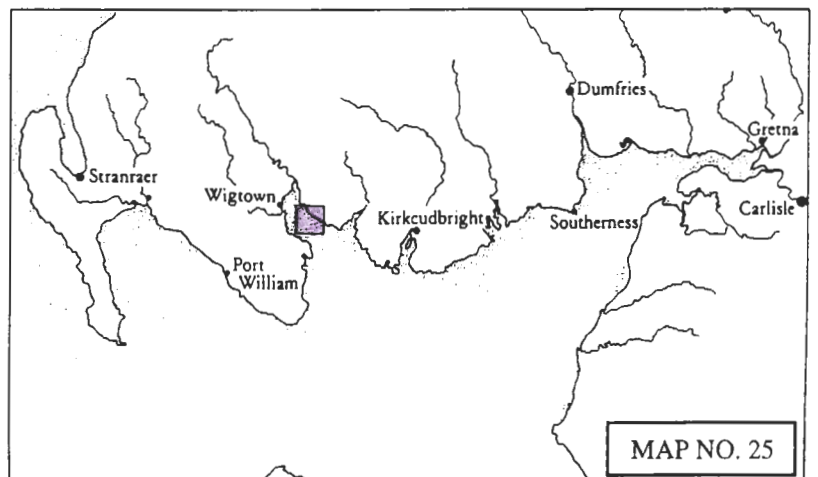
Marine derive sand and gravels

Marine sands and gravel overlie this straight stretch of coastline. The foreshore consists of a sand and shingle beach overlooking wide tidal flats.



KEY

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 carats	



MAP 25: EROSION

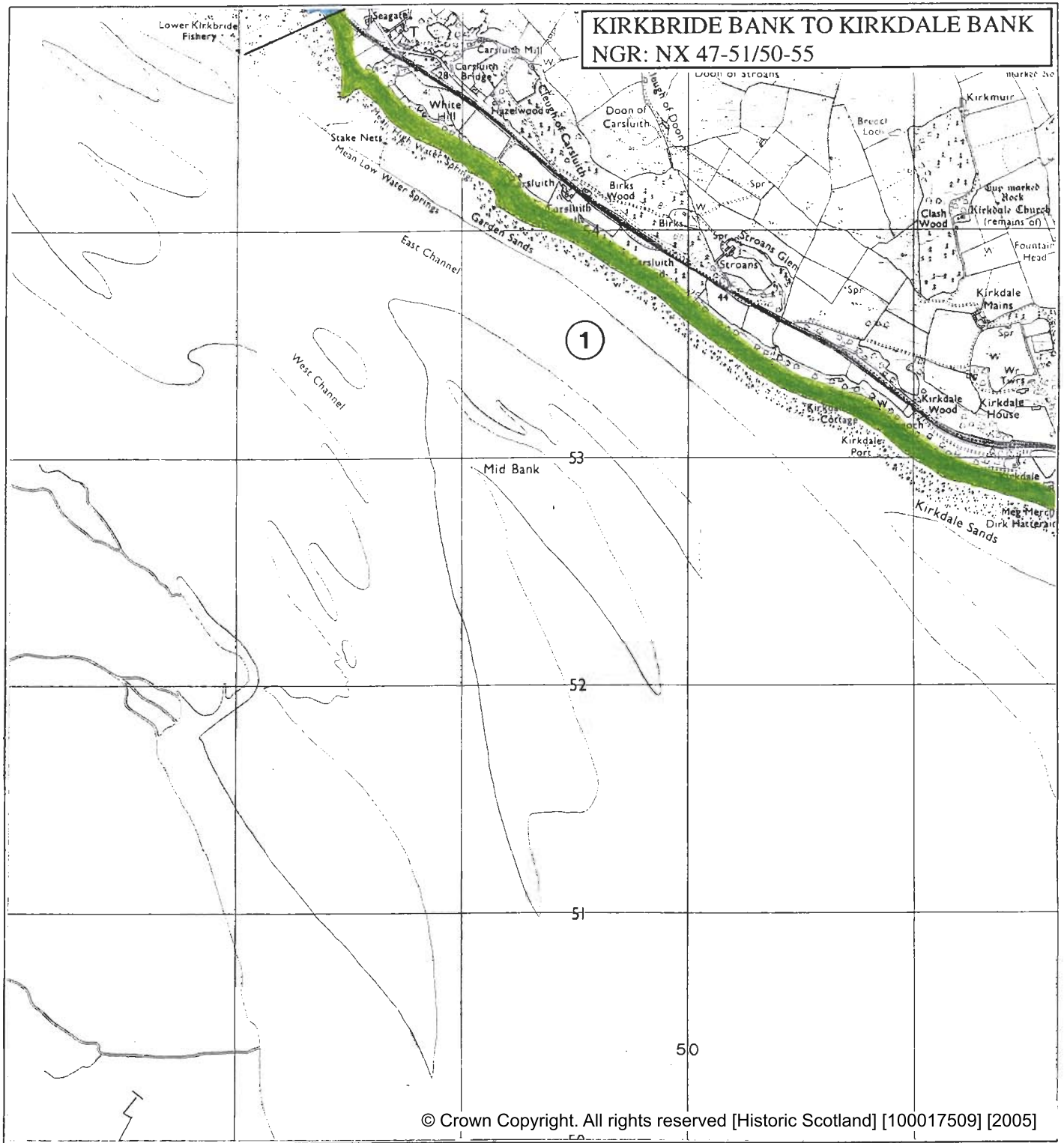
1. LOWER KIRKBRIDE FISHERY to
RAVENSHALL

NX 250 536

4.5km

Stable

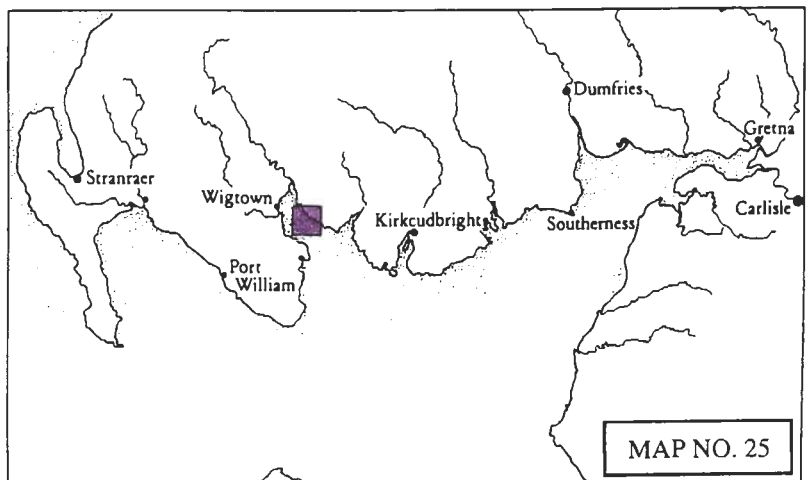
This unit consists of shingle and sandy beaches with a wide intertidal area. The MHW is consolidated with reed beds and salt marsh vegetation.



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: 02.10.96
Scale 1:25 000



MAP 25: BUILT HERITAGE AND ARCHAEOLOGY

Sites on the Coast Edge & Foreshore

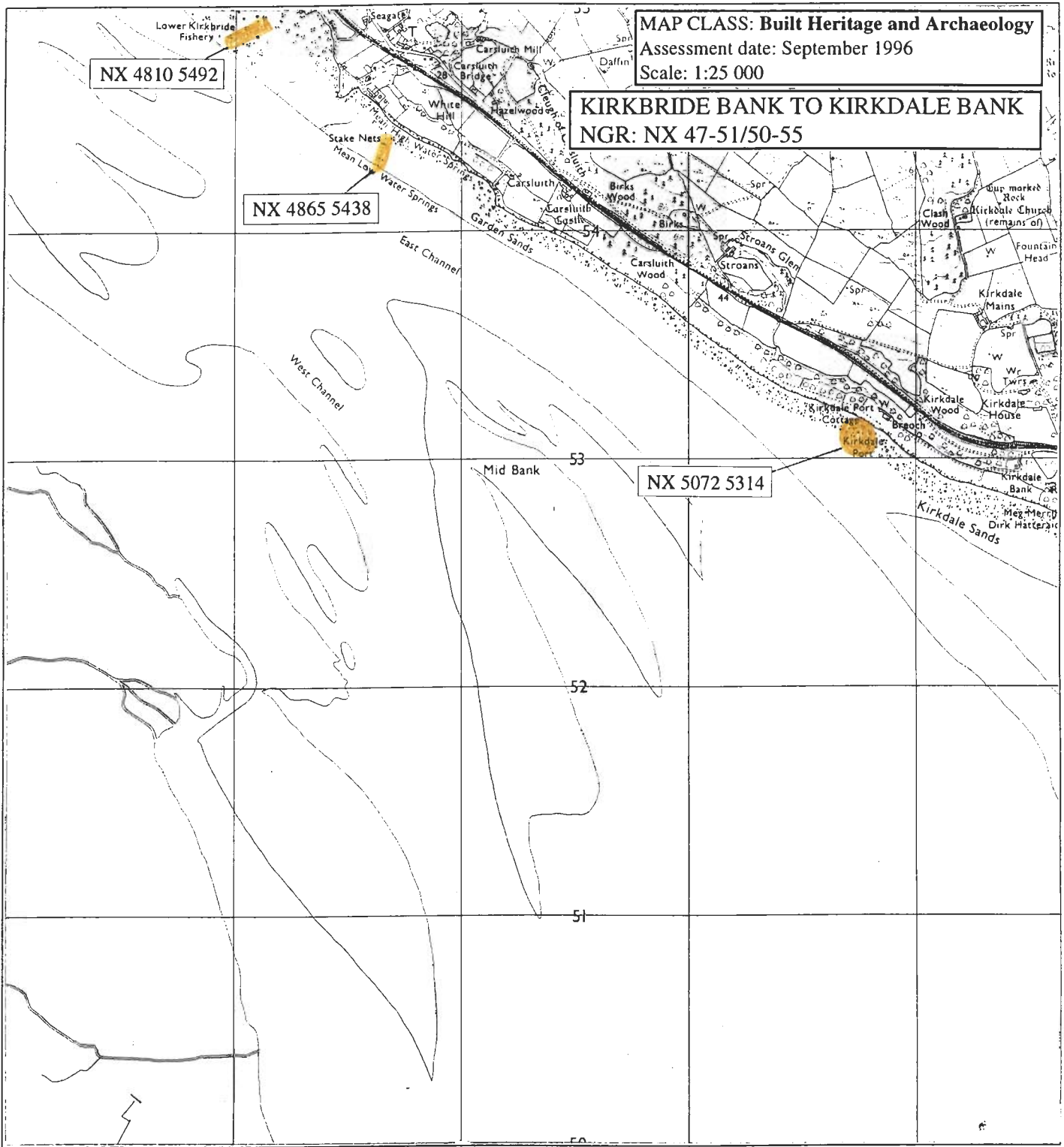
NX 4810 5492
LOWER KIRKBRIDE FISHERY
Fishing Stakes
Uncertain
Fair
Monitor

NX 4865 5438
LOWER KIRKBRIDE FISHERY
Fishing Stakes
Uncertain
Good
Nil

NX 5072 5314
KIRKDALE PORT
Quay
Uncertain
Fair
Nil

Sites in the Hinterland

None

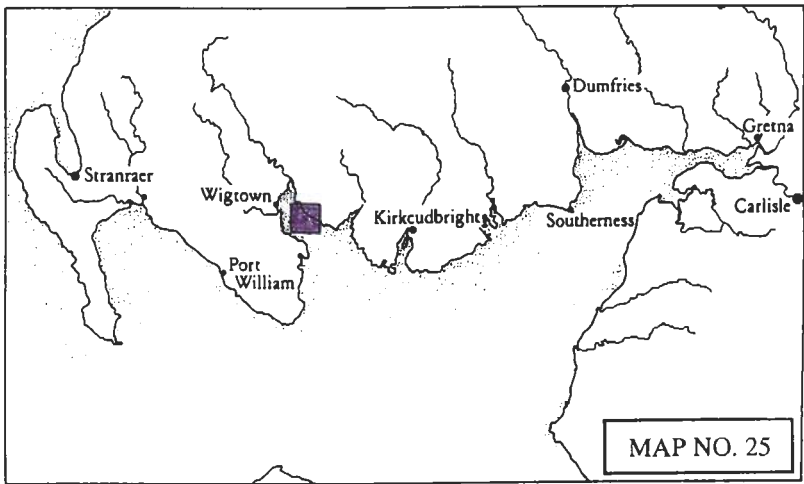


MAP CLASS: Built Heritage and Archaeology
 Assessment date: September 1996
 Scale: 1:25 000

KIRKBRIDE BANK TO KIRKDALE BANK
 NGR: NX 47-51/50-55

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
NX13 SW17	Roundel - Solid, (or area)	Yellow	Undesignated wreck
	Area	Green	Insufficient information; more work needed
	Area	Blue	Probably archaeologically sterile



MAP NO. 25

