

MAP 48: DUMFRIES

Hinterland Geology and Coastal Geomorphology: This map shows the upper tidal limit of the River Nith. The hinterland geology consists of marine deposits as far as the sewage works. Beyond this point, fluvio-glacial sands and gravels occur.

Erosion Class: The banks of the river have been made stable by flood control measures, namely concrete walling.

Built Heritage & Archaeology: The docks, quays and mills of Dumfries are contained in this section. Built up to the tidal limit of the Nith estuary at 'The Call' the monuments are the remains of the maritime trade of the town and survive in good condition. Burgh records demonstrate the limited extent of foreign trade from the fifteenth century, though trade did not burgeon until the seventeenth century; Dumfries exporting agricultural produce, wool and linen cloth, and importing French wine and Norwegian wood (Smout, 1960, 38; Murray, 1965; Gourlay & Turner, 1977, Graham & Truckell, 1977).

Map 48: Hinterland Geology and Coastal Geomorphology

1. GREENMERSE to DUMFRIES SEWAGE WORKS

NX 975 730

2.2km

Low edge (< 5m)

Marine sands and gravels

West bank of the River Nith. Marine derived sands and gravels overlying Carse clays. The banks of the river consists of alluvial mud and silt.

2. DUMFRIES SEWAGE WORKS TO DUMFRIES

NX 970 760

2km

Low edge (< 5m)

This unit forms the urban stretch of the River Nith as far as the Coll Wier. Fluvio-glacial sands and gravel overlie the hinterland of the river. The river banks are covered in alluvial mud and silt. Flood banks traverse the length of this stretch of river.

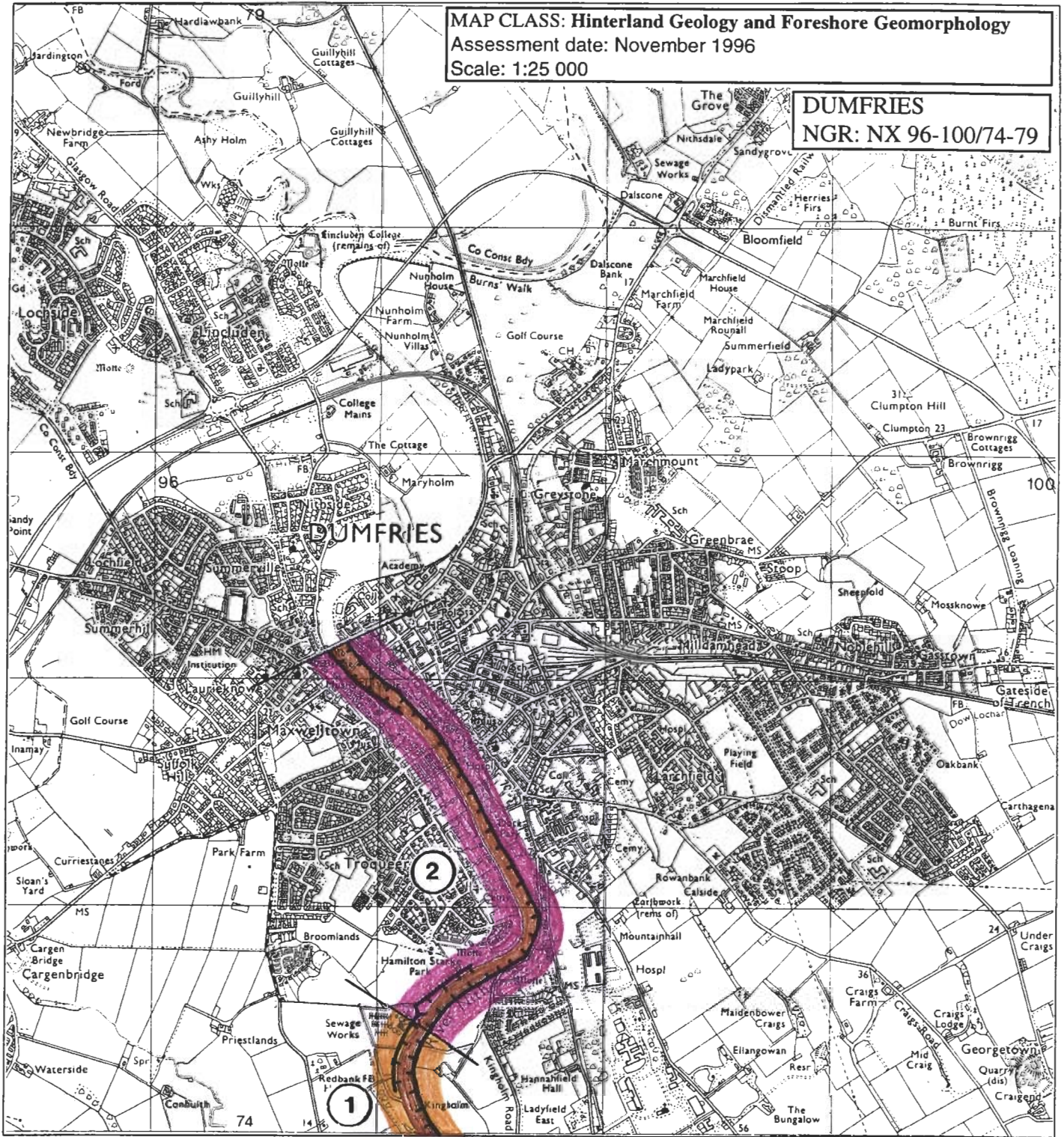
MAP CLASS: Hinterland Geology and Foreshore Geomorphology

Assessment date: November 1996

Scale: 1:25 000

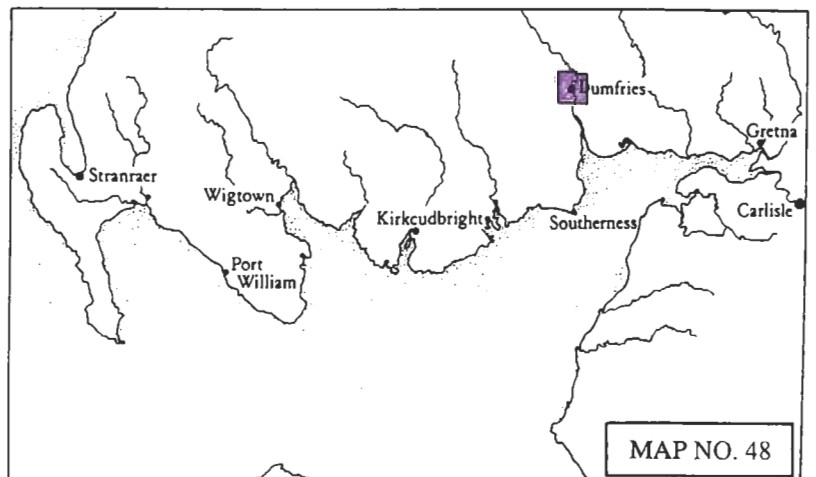
DUMFRIES

NGR: NX 96-100/74-79



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 48: EROSION

1. GREEN MERSE to the COLL WEIR,
DUMFRIES
NY 972 740

5km

Stable

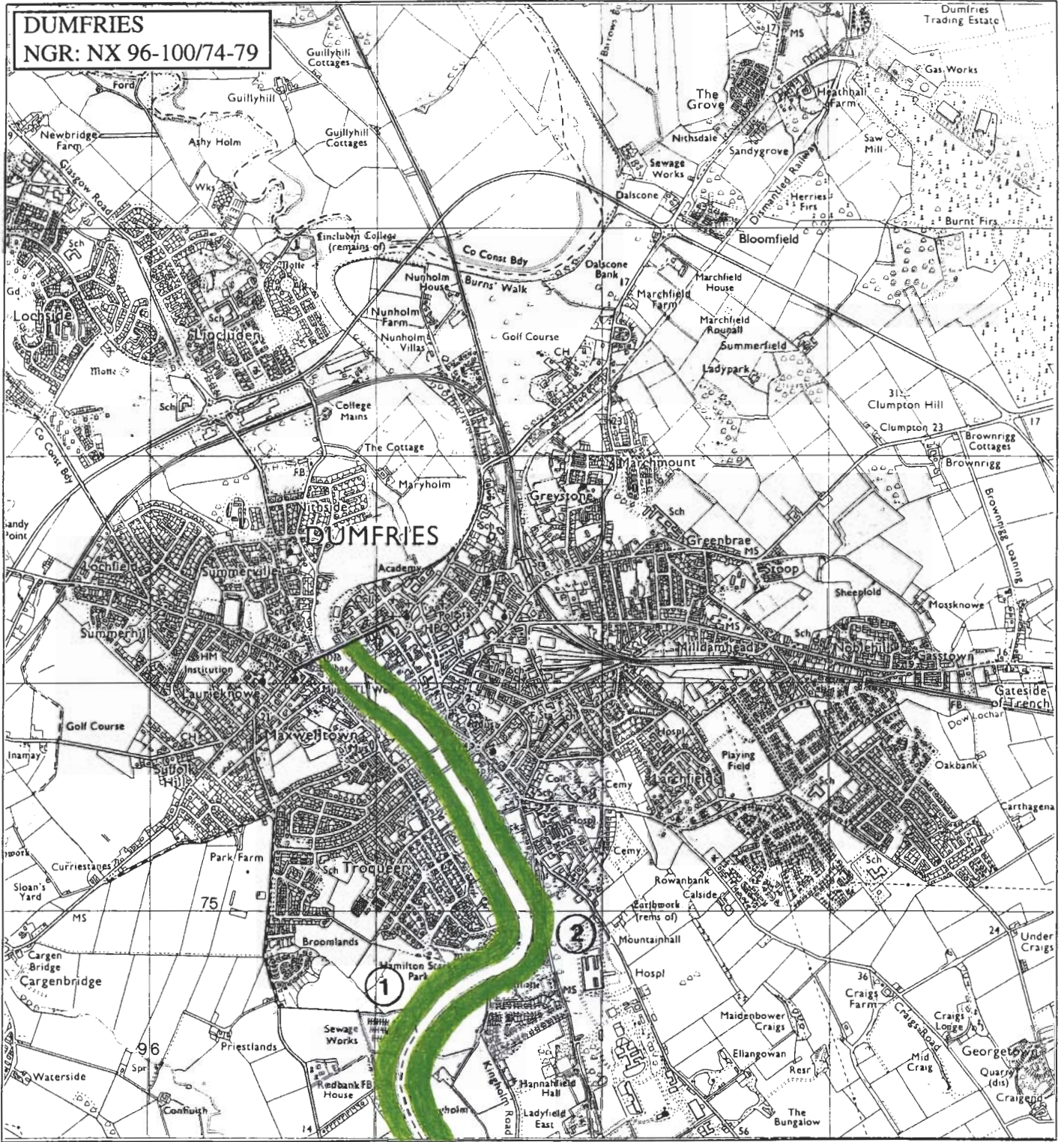
The west bank of the River Nith protected by flood banks in parts. Reed beds on the river edge provide further stability to the river edge.

2. The COLL WEIR to west of WELL
COTTAGE
NY 975 730

5km

Stable

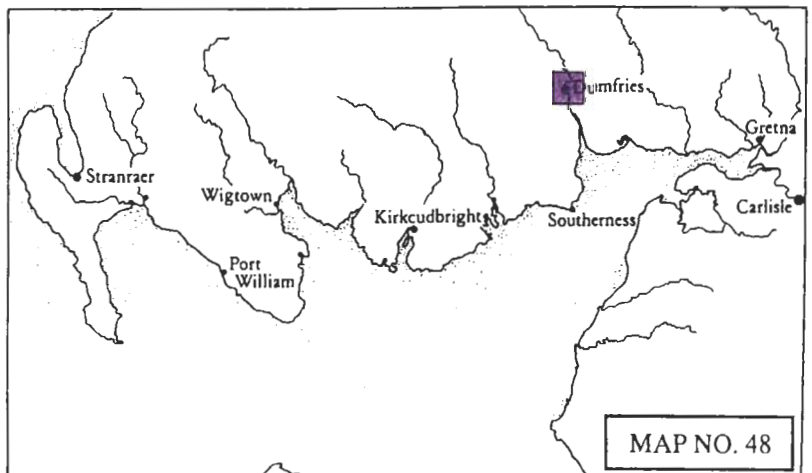
The east bank of the River Nith protected by flood banks. Reed beds on the river edge are providing additional stability.



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: 09.10.96
 Scale 1:25 000



MAP NO. 48

48: BUILT HERITAGE AND ARCHAEOLOGY

Sites on the Coast Edge & Foreshore

NX 97 75
DUMFRIES
Dock, Quays & Mills
Statutory Listed Buildings
18/19/20th centuries
Good
Nil

Sites in the Hinterland

None

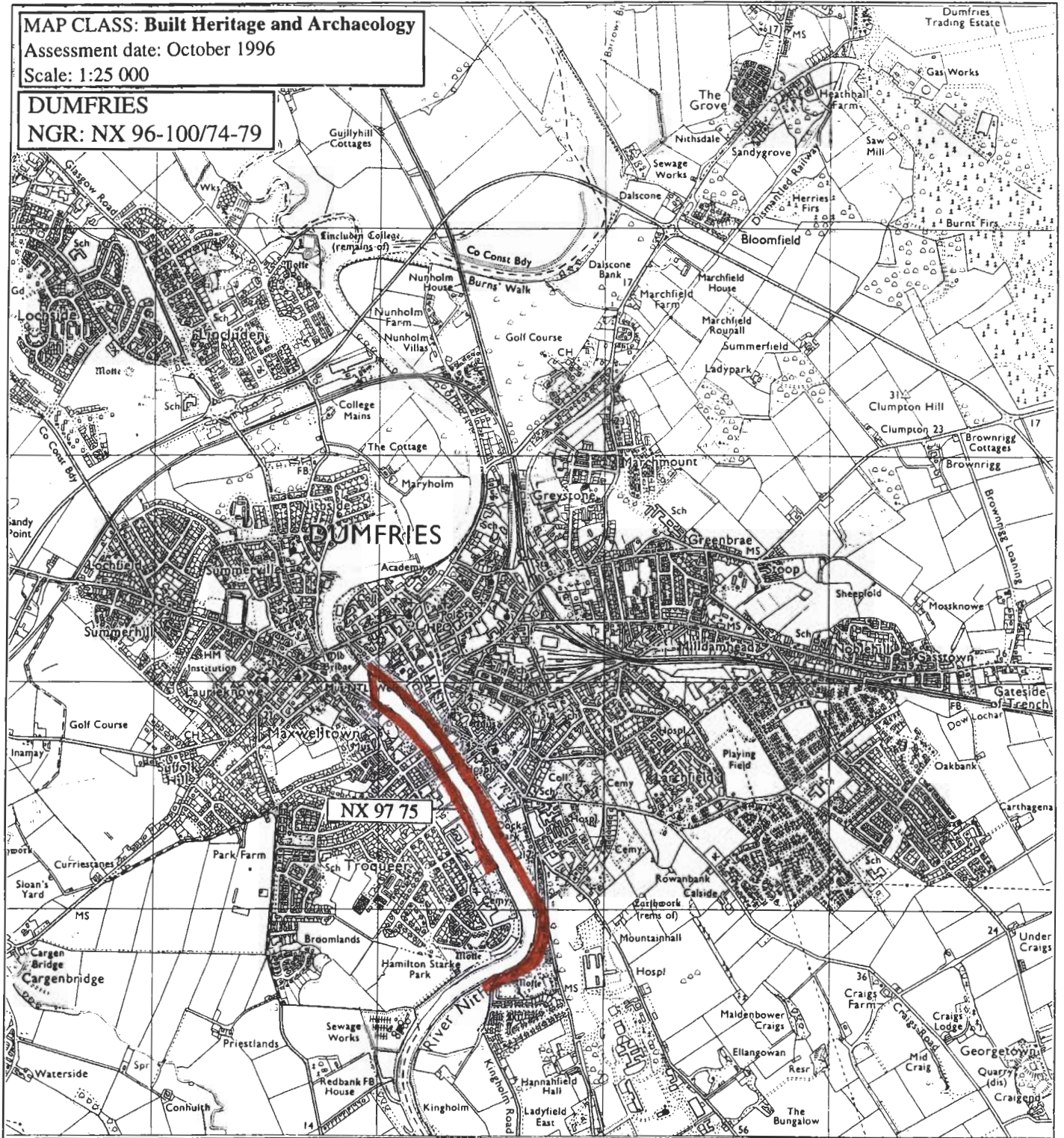
MAP CLASS: Built Heritage and Archacology

Assessment date: October 1996

Scale: 1:25 000

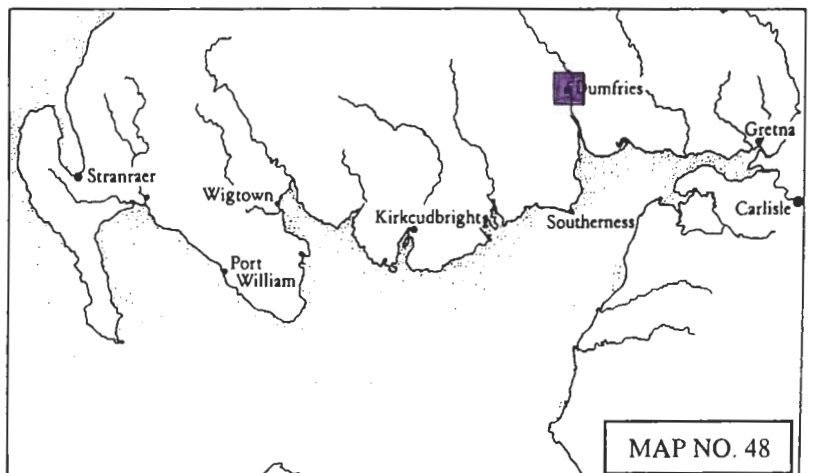
DUMFRIES

NGR: NX 96-100/74-79



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
	Roundel - Solid, (or area)	Yellow	Other known Ancient Monument
NMRS ref. - eg.	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



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