

MAP 39: DALBEATTIE

Hinterland Geology and Coastal Geomorphology: This map sheet depicts a parcel of the Urr Water to the south-east of Dalbeattie. The river is flanked by alluvium deposits laid down in a valley basin. Riverine silts and mud are contained within the upper tidal reach of the river channel.

Erosion Class: The Urr Water has a high suspended sediment load draining through carse and tills. Accreting and eroding conditions apply which also apply to the lower tidal reach of the Urr Water, (e.g. Map 38). The fact that Dalbeattie Quay has become silted up does rather suggest that the overall balance, however, might lie towards accretion rather than erosion.

Built Heritage & Archaeology: This section contains the old quays of Dalbeattie (Graham & Truckell, 1977, 121-123), which now due to silting, are disused. Limited erosion of the quay walls of Dalbeattie Port was evident.

Map 39: Hinterland Geology and Coastal Geomorphology

1. PALNACKIE to DALBEATTIE

(Both banks of the Urr Water)

NX 830580

8km

Low edge(< 5m)

Alluvium

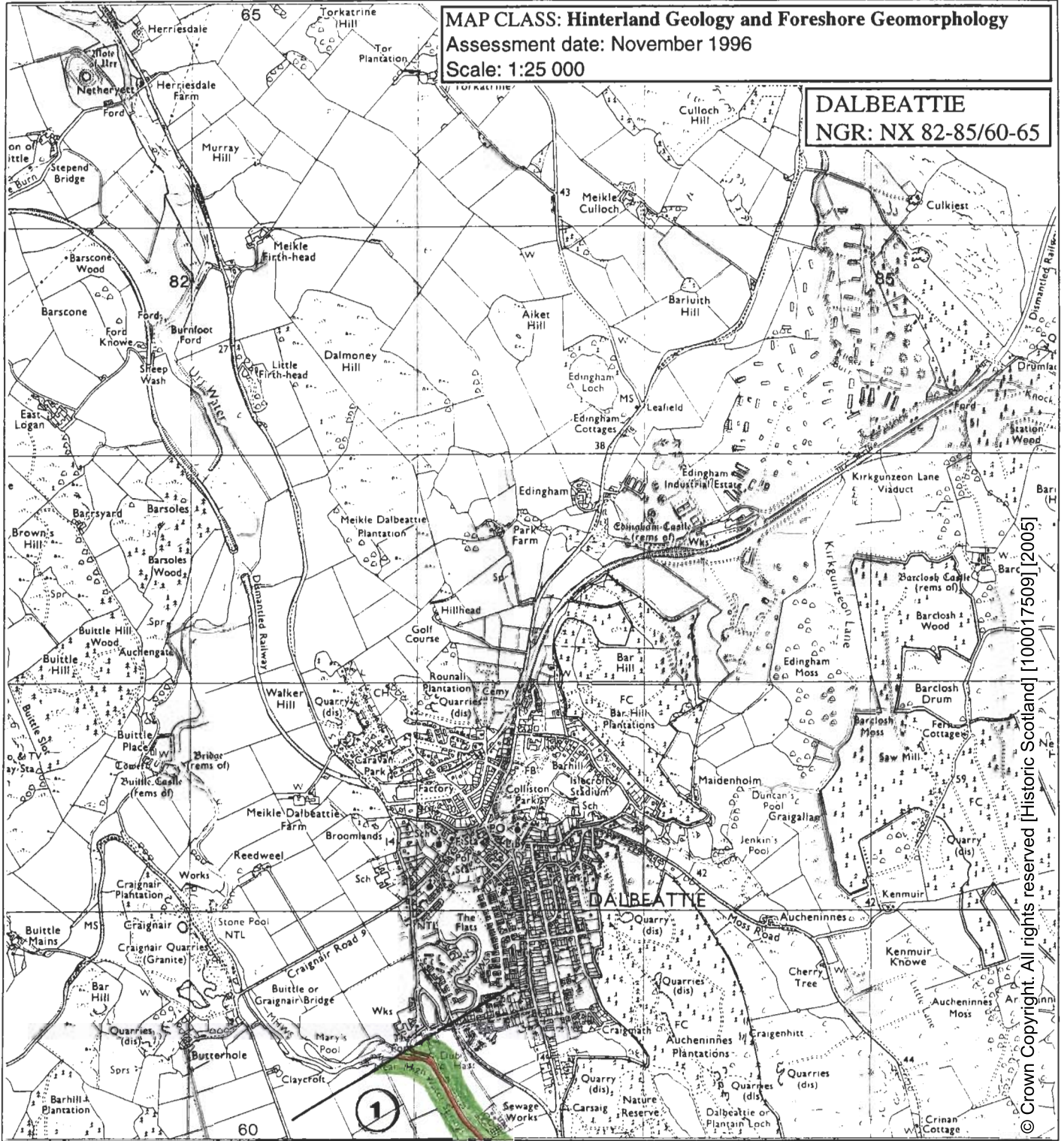
This unit consist of both sides of the Urr water as far as Dalbeattie. The hinterland geology is alluvium formed within a river valley. The river meanders in a series of gradual loops. The banks are covered with fine silts and mud.

MAP CLASS: Hinterland Geology and Foreshore Geomorphology

Assessment date: November 1996

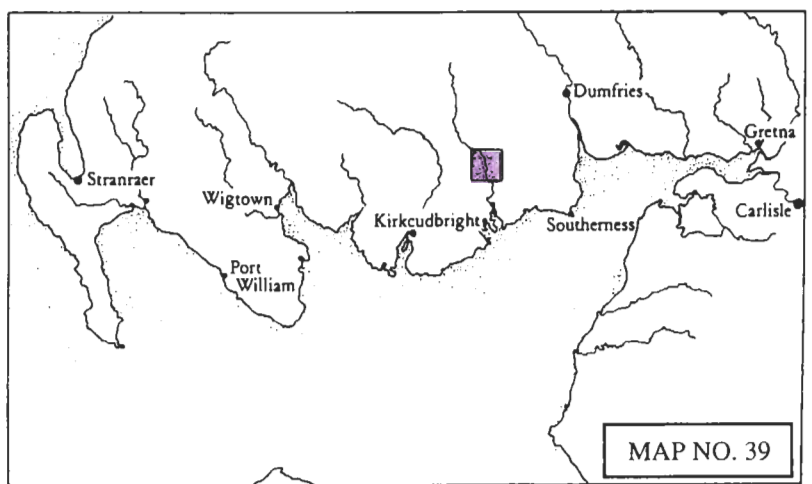
Scale: 1:25 000

DALBEATTIE
NGR: NX 82-85/60-65



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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 carats	



MAP NO. 39

MAP 39: EROSION

1. PALNACKIE to DALBEATTIE DOCK

NX 826 567

5.5km

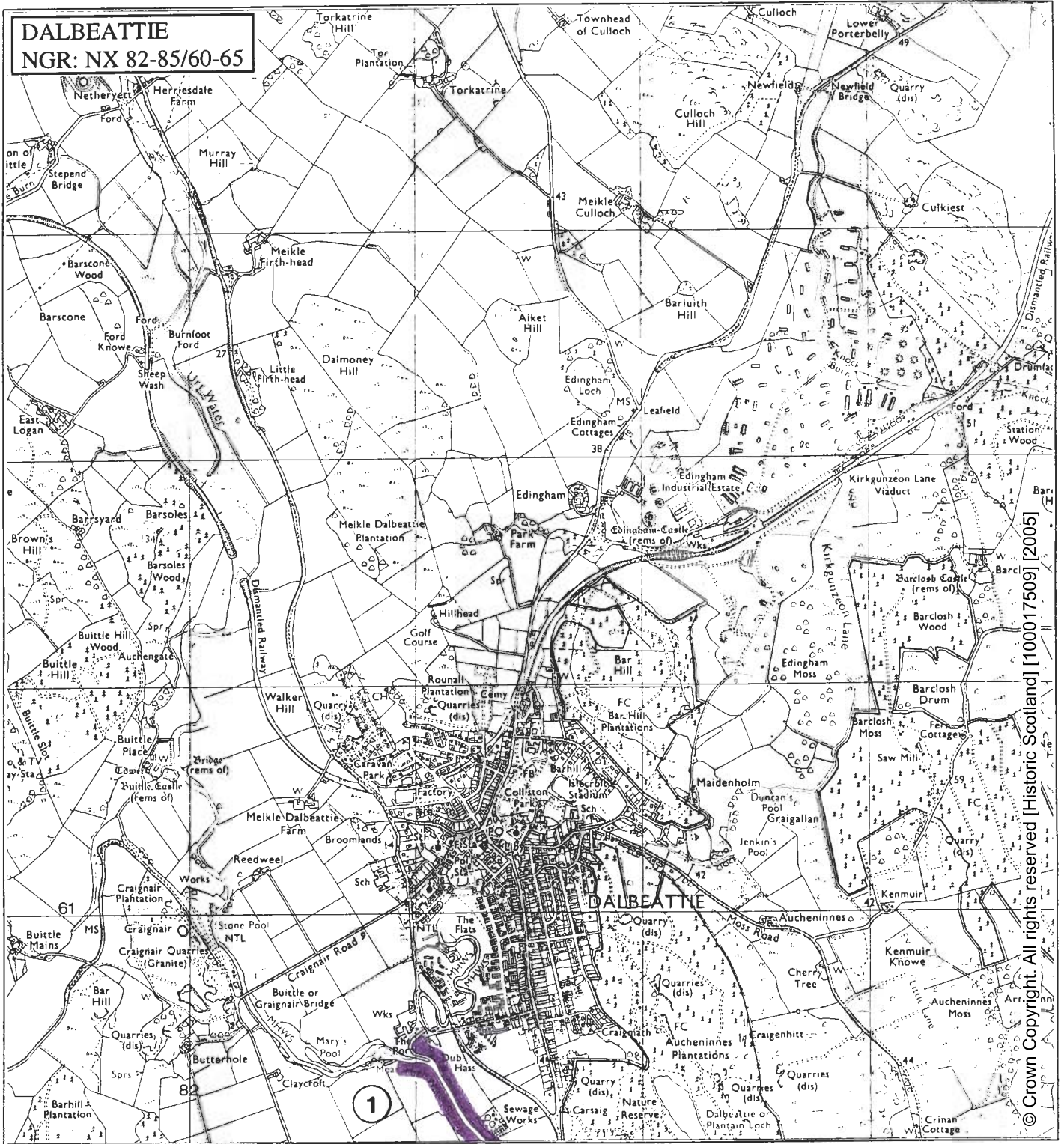
Accreting and eroding

Meandering tidal upper reach of the Urr Water.

Erosion is occurring on the inside of the curves.

Mud accretion is occurring on the slower stretches
of the river.

DALBEATTIE
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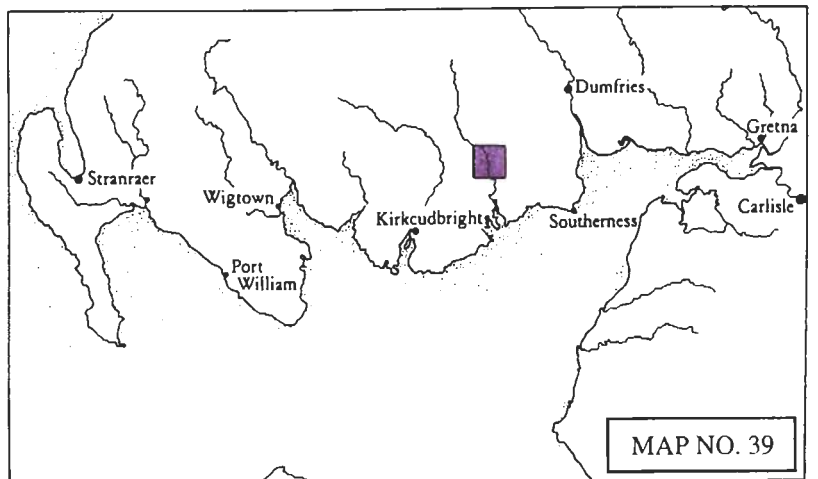
KEY

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: 10.10.96

Scale 1:25 000



MAP NO. 39

MAP 39: BUILT HERITAGE AND ARCHAEOLOGY

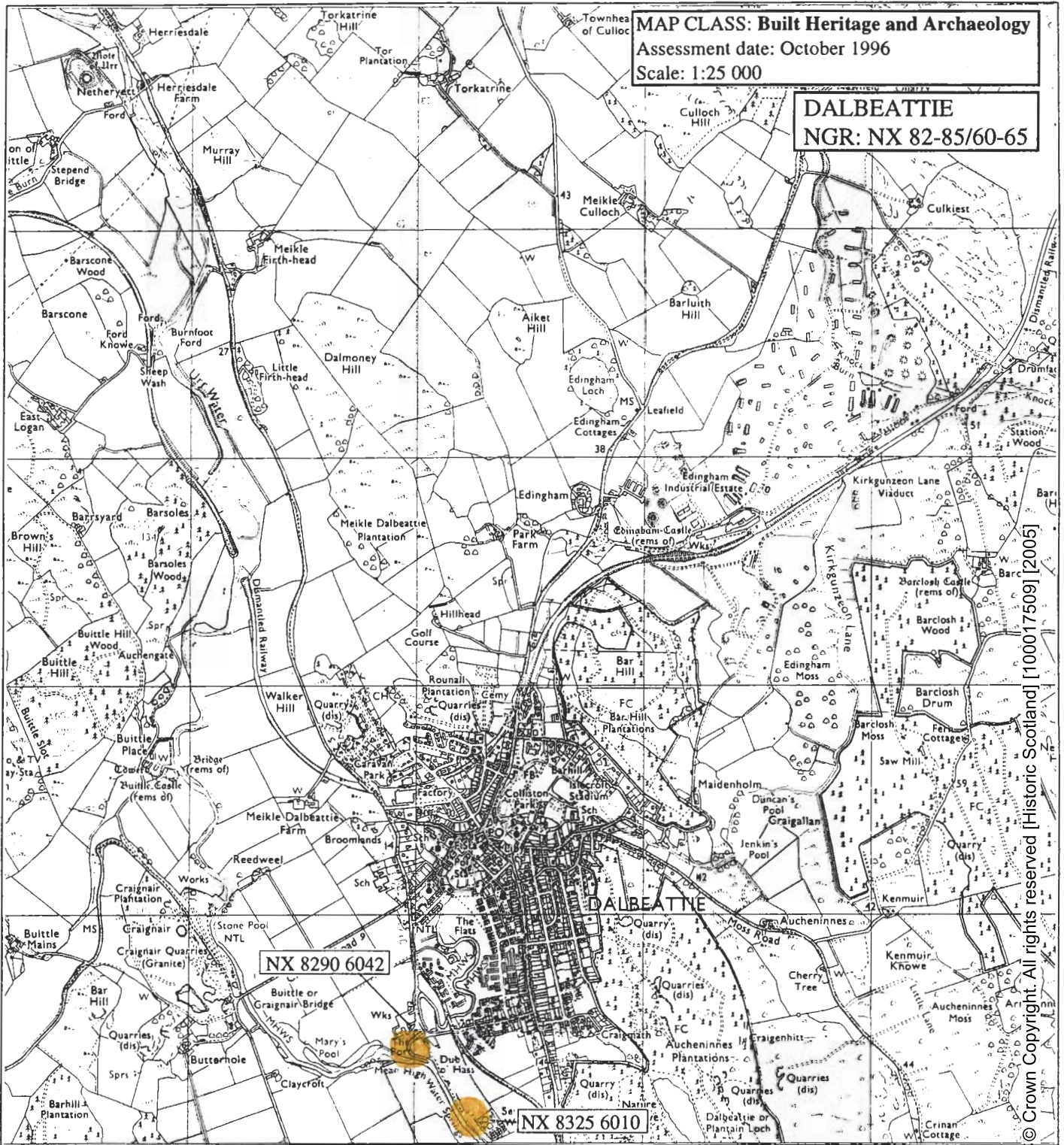
Sites on the Coast Edge & Foreshore

NX 8290 6042
DALBEATTIE PORT
Quay Walls
Uncertain
Fair
Monitor

NX 8325 6010
DALBEATTIE
Quay
Uncertain
Good
Nil

Sites in the Hinterland

None



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

