

MAP 14 - LEVEN

- **Built heritage and archaeology** - The main sites of interest on this short coastal sector are two foreshore sites on Leven Links. One is a U shaped wooden fish trap (NT38750075) in fair condition and one a stone cairn with visible cells (NT38790080) which may also be a fish trap. Both these sites need to be investigated further to confirm their origin.
- **Hinterland geology and coastal geomorphology; Erosion class** - At Leven, a broad band of sand foreshore stretches westwards towards Lundin Links and Largo Bay. Along the coastal edge, the drift geology comprises raised beach materials (Geology units 1, 3) and blown sand (Geology unit 4). There is also a localised accumulation of alluvium associated with the mouth of the River Leven (Geology Unit 2). While the majority of the coast edge is either accreting or stable, there is evidence that unprotected sections of blown sand coastal edge are being affected with resulting erosion of the coast edge causing deposition of sediments onto the foreshore (Erosion unit 3).

MAP 14: LEVEN

EROSION UNITS.

1

NO383003

0.5 km

Accreting or stable

Sea-wall protects the coastal edge and sediment may be building up on the foreshore.

2

NO391012

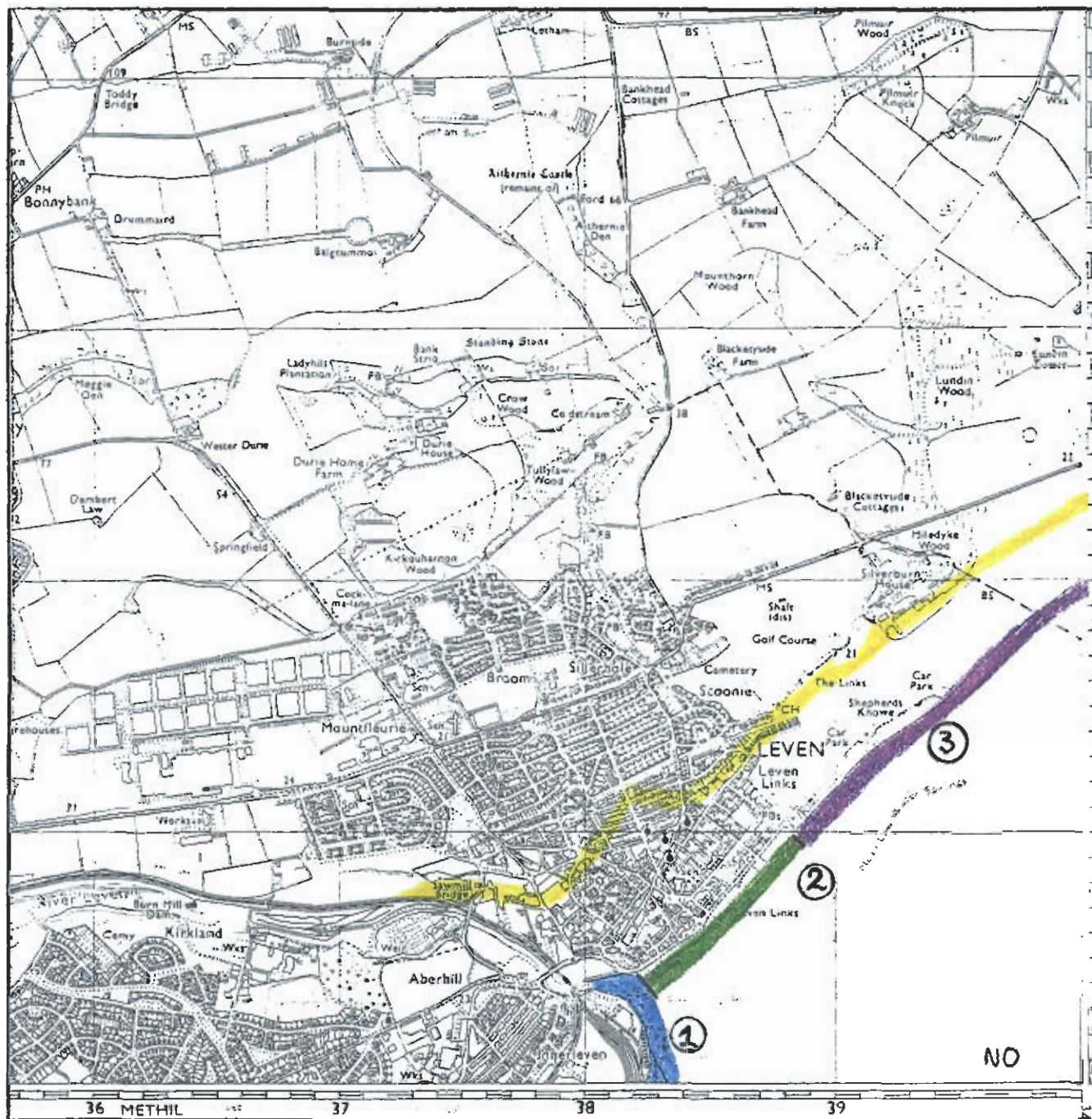
2.4 km

Both accreting and eroding

Sand may be building up along the foreshore while the coastal edge may be eroding.

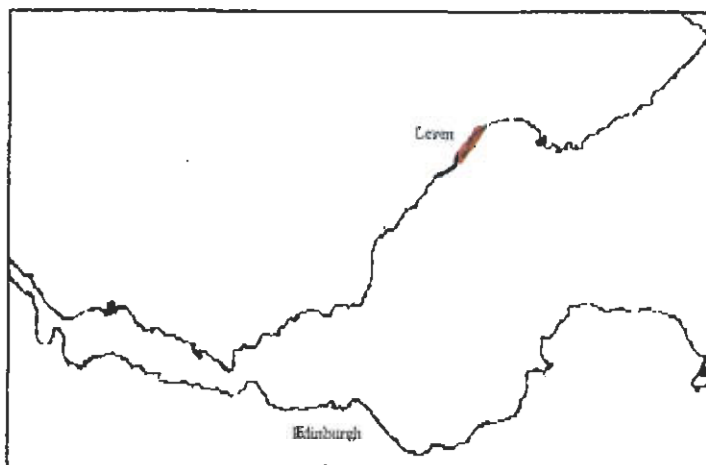
MAP CLASS: EROSION
 (Assessment date: 23 January 1996)
 NS88/98. Scale 1: 25 000

LEVEN



KEY

Erosion class	Staedtler 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	blank	
Land below 10m	canary yellow	



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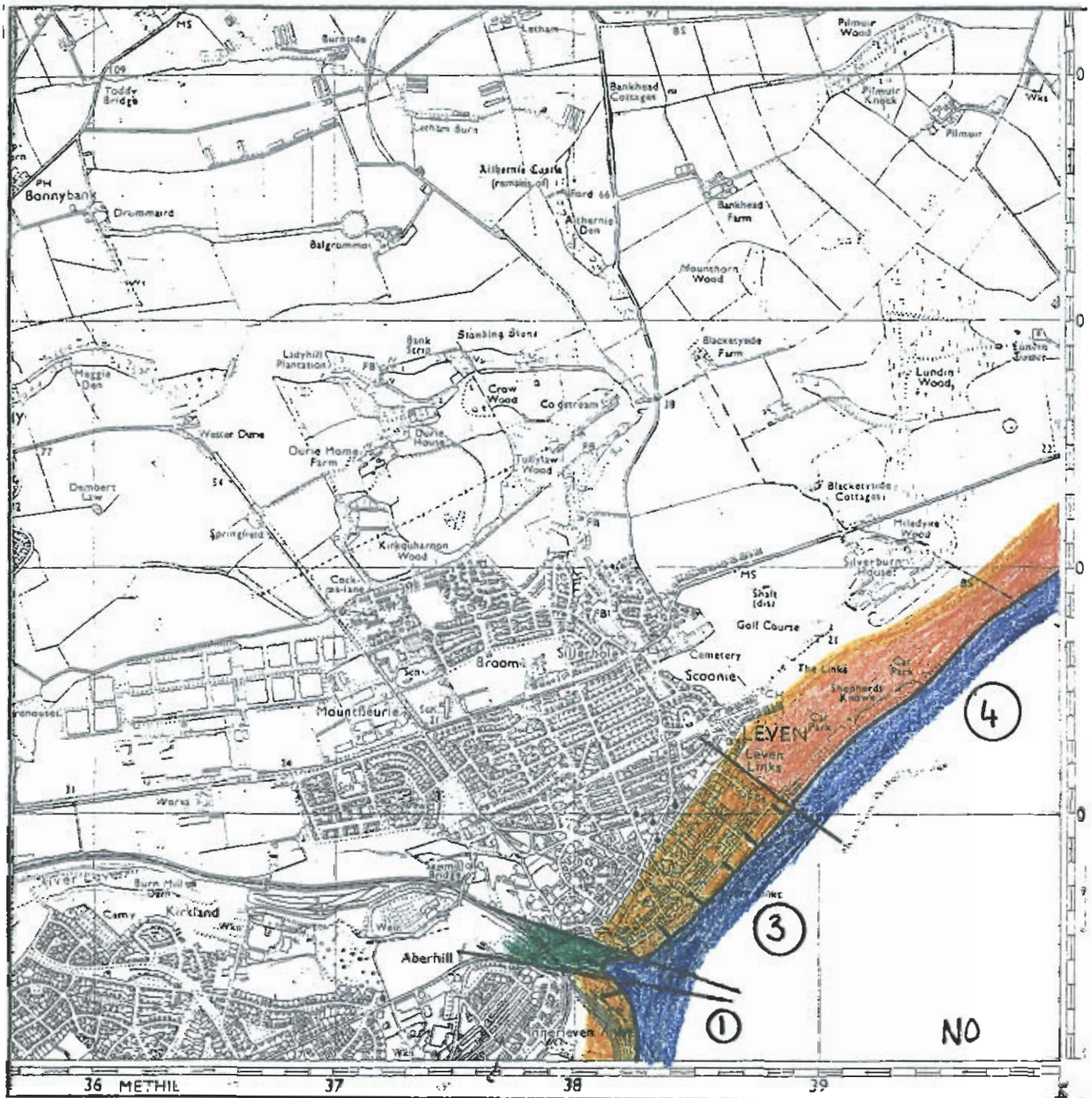
GEOLOGY UNITS

1
NO383002
0.3 km
Mainly sand
Man-made barrier
Raised beach and marine deposits
Around the mouth of the River Leven, sand deposits have built up on the foreshore.

2
NO381004
0.1 km
Mainly sand
Man made barrier
Alluvium
From the basin of the mouth of the River Leven

3
NO386006
0.9 km
Mainly sand
Man made barrier
Raised beach and marine deposits
Sea-wall protects shore front as far as Leven Links.

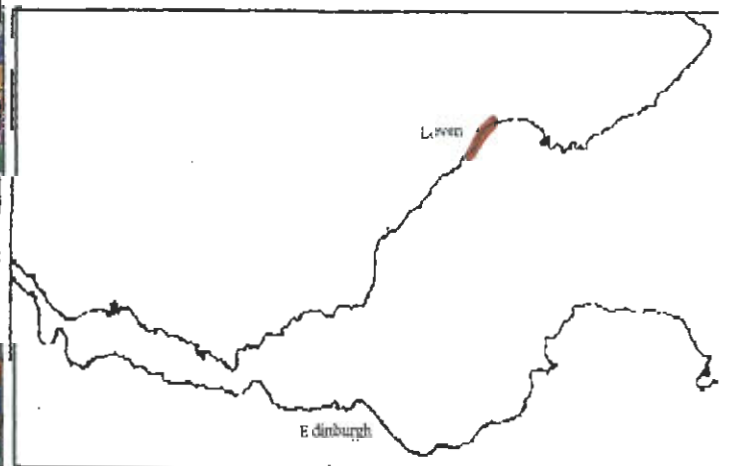
4
NO394015
1.5 km
Mainly sand
Low edge (< 5 metres)
Blown sand with raised beach deposits behind.
Thick layer of sand on a rock platform with blown sand behind. Beach between here and Largo Bay in the east is the most extensive beach in the survey area.



KEY

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Hinterland Geology	Staedtler colour	
Drift, boulder clay	light grey	
Drift, boulder clay over visible rock	Caran D'ache violet	
Raised beach and marine deposits	golden brown	
Blown sand	peach	
Glacial sand and gravel	magenta	
Alluvium	grass 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	
Coastal Geomorphology		
Mainly rock platform	vermilion	
Mainly sand	indigo	
Mainly alluvial/marine mud	sienna brown	
Marsh	true green	



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**BUILT HERITAGE AND
ARCHAEOLOGY UNITS**

Sites along the coastal edge

NT38200030

Leven
Power Station
20th Century
Good
Nil

NT38300038

Leven
Wooden channel markers.
19th - 20th Century
Fair
Survey

NT38750075

Leven
U shaped wooden fish trap
Uncertain
Fair
Survey

NT38790080

Leven
Stone cairn with cells visible, possible fish trap
Uncertain
Fair
Survey, Monitor

NT38900105

Leven
4 concrete/wooden glider traps and sewerage stations
20th Century
Fair
Nil



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NO

KEY

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

