

## MAP 1 - KINCARDINE TO LONGANNET

- **Built heritage and archaeology** - The foreshore either side of Kincardine Bridge displays an important collection of ship hulks and associated structures (NS9508760 - NS9348650) representing perhaps the most important intertidal sites seen during the entire field survey. These remains are described in more detail in site description 1. Although there is no visible evidence on the ground, Longannet Point (NS98NE40) is said to be the site of a disused church of the 9th-10th century. The evidence for this seems to have been attributed to the derivation of the work 'Longannet' in which 'Annaid' is a 9th-10th century term for a church-site of any kind abandoned during that period and not subsequently re-used (Macdonald 1973, 141). Longannet Power Station (NS98NE40) was built in 1966 on reclaimed land and remains in use today.
- **Hinterland geology and coastal geomorphology; Erosion class.** - The estuary of the Forth remains fairly narrow until it broadens out south east of Kincardine into the Firth of Forth. The intertidal zone throughout this enclosed section is dominated by thick mud flats which accumulate up to 2 metres deep in places. Whereas the mud flats on the western shore of the estuary at this point cover a wide expanse of saltmarsh terrain, on the eastern side, their extent has been limited by the deployment of a man-made barrier preventing inundation of the broad coastal plain of raised beach and marine deposits on which the village of Kincardine has been located. This mud probably originates from agricultural activity in the upper reaches of the Forth and its tributaries, which has been allowed to accumulate on the banks of the estuary, sheltered as they are from the open sea. As a result, this sector offers a favourable burial environment for archaeological remains in the intertidal zone and the coast edge is under no apparent threat from erosion.

**MAP 1: KINCARDINE TO  
LONGANNET**

**EROSION UNITS**

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**1**

NS935866

3.6 km

Accreting or stable

*Mud from Forth Estuary accreting on  
banks.*

**2**

NS 953851

1.6 km

Not seen

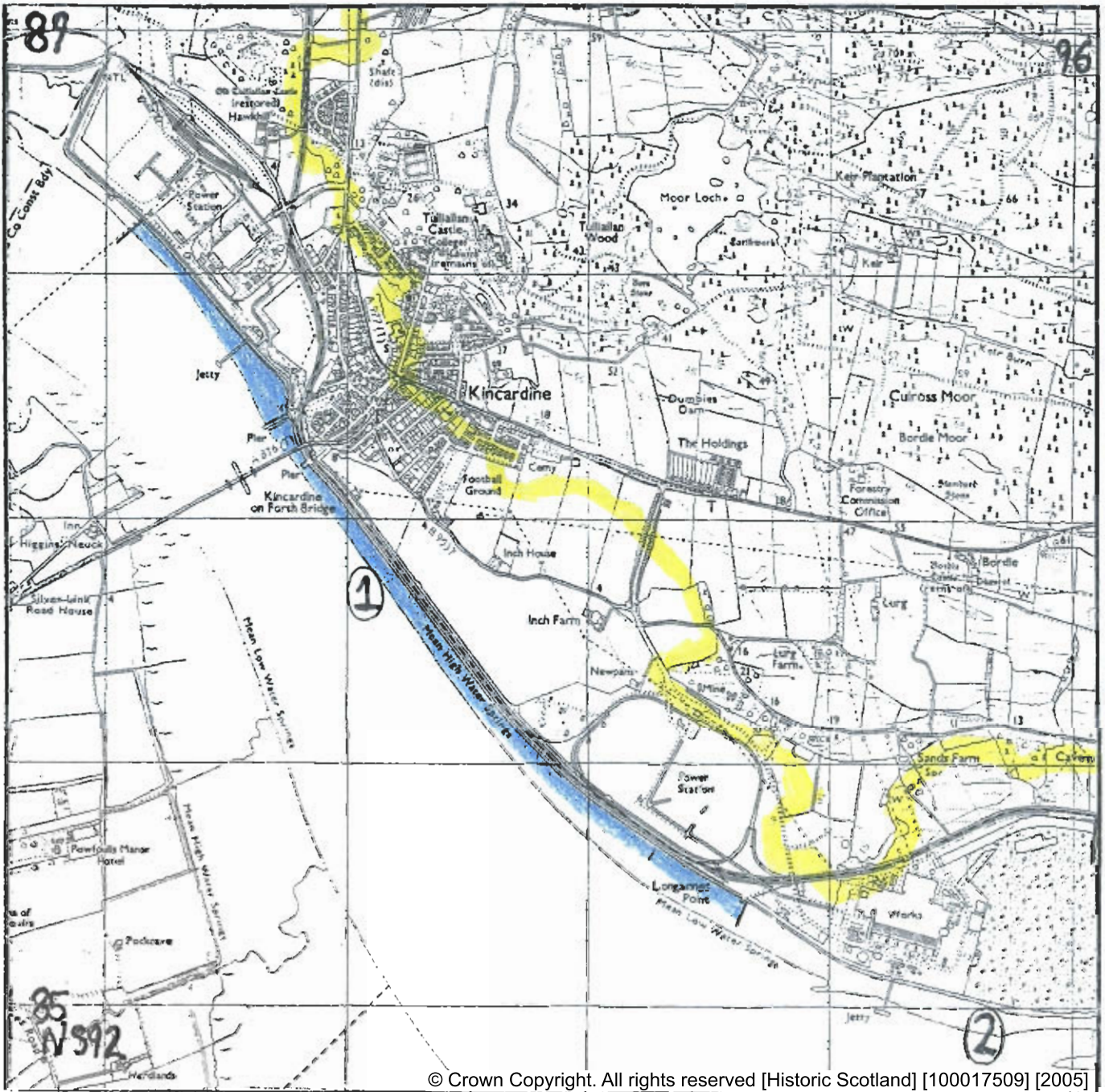
*No access along shorefront of Longannet  
Power Station. Mudflats suggest  
accreting or stable.*

**MAP CLASS: EROSION**

(Assessment date: 27th January 1996)

NS88/98 . Scale 1: 25 000

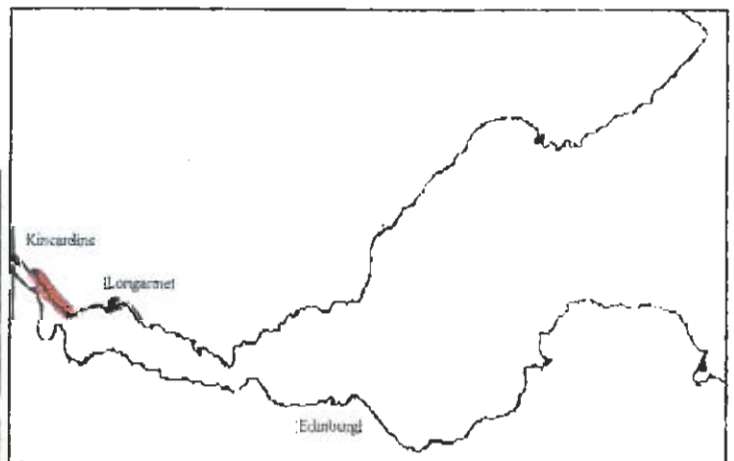
**KINCARDINE TO LONGANNET**



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**KEY**

Erosion class	Standard 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	black	
Land below 10m	canary yellow	



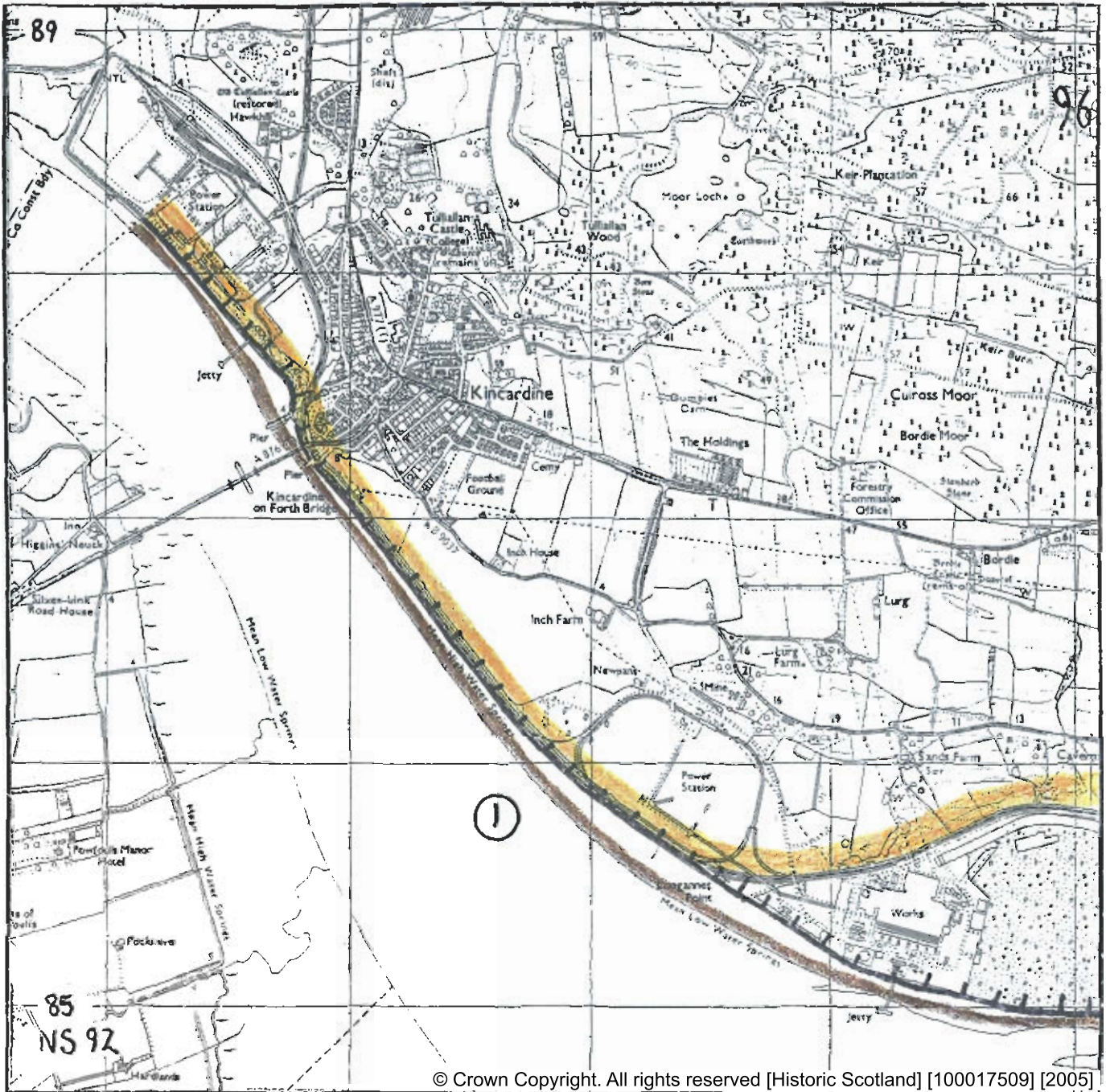
**MAP 1: KINCARDINE TO  
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**GEOLOGY UNITS**

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**1**  
NS939861  
6.75 km  
Mainly alluvial/marine mud  
Man made barrier  
Raised beach and marine deposits  
*Alluvial mud accumulates on the foreshore in-front of a gradually sloping boulder and cobble revetment with flat arable land behind comprising raised beach materials.*

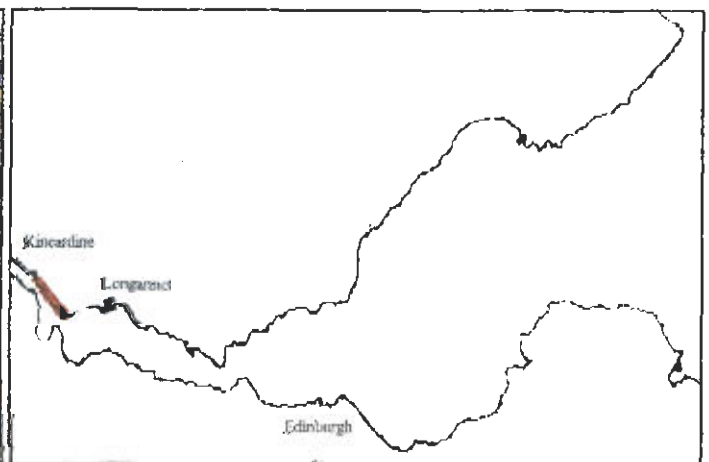




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KEY

Hinterland Geology	Standard 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	
<b>Coast Edge</b>		
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 casts	
<b>Coastal Geomorphology</b>		
Mainly rock platform	vermillion	
Mainly sand	orange	
Mainly alluvial/marine mud	stern brown	
Marsh	true green	



**MAP 1: KINCARDINE TO LONGANNET**

**BUILT HERITAGE AND ARCHAEOLOGY UNITS**

**Sites behind the foreshore at Kincardine (KIN).**

**NS98NW48**  
KINCARDINE-ON-FORTH  
BURGH; TOWN  
17th Century  
Not seen  
*Nil*

**NS98NW37**  
KINCARDINE; 23 FORTH STREET  
COTTAGE  
Uncertain  
Not seen  
*Nil*

**NS98NW16**  
KINCARDINE HOUSE  
ROMAN FORTLET (POSSIBLE)  
Uncertain  
Not seen  
*Nil*

**NS98NW91**  
TULLIALLAN GARDENS  
GARDENS  
DESIGNED LANDSCAPE  
Uncertain  
Not seen  
*Nil*

**Sites along the coastal edge**

**NS92508760**  
Kincardine  
Remains of dock, piers, walkways, cruvie bank and 5 or  
6 wooden ship hulks.  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

**NS92808727**  
Kincardine  
Wooden ship hulk  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

**NS92878725**  
Kincardine  
Wooden ship hulk  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

**NS92858720**  
Kincardine  
Wooden ship hulk  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

**NS92058690**  
Kincardine  
Wooden ship hulk  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

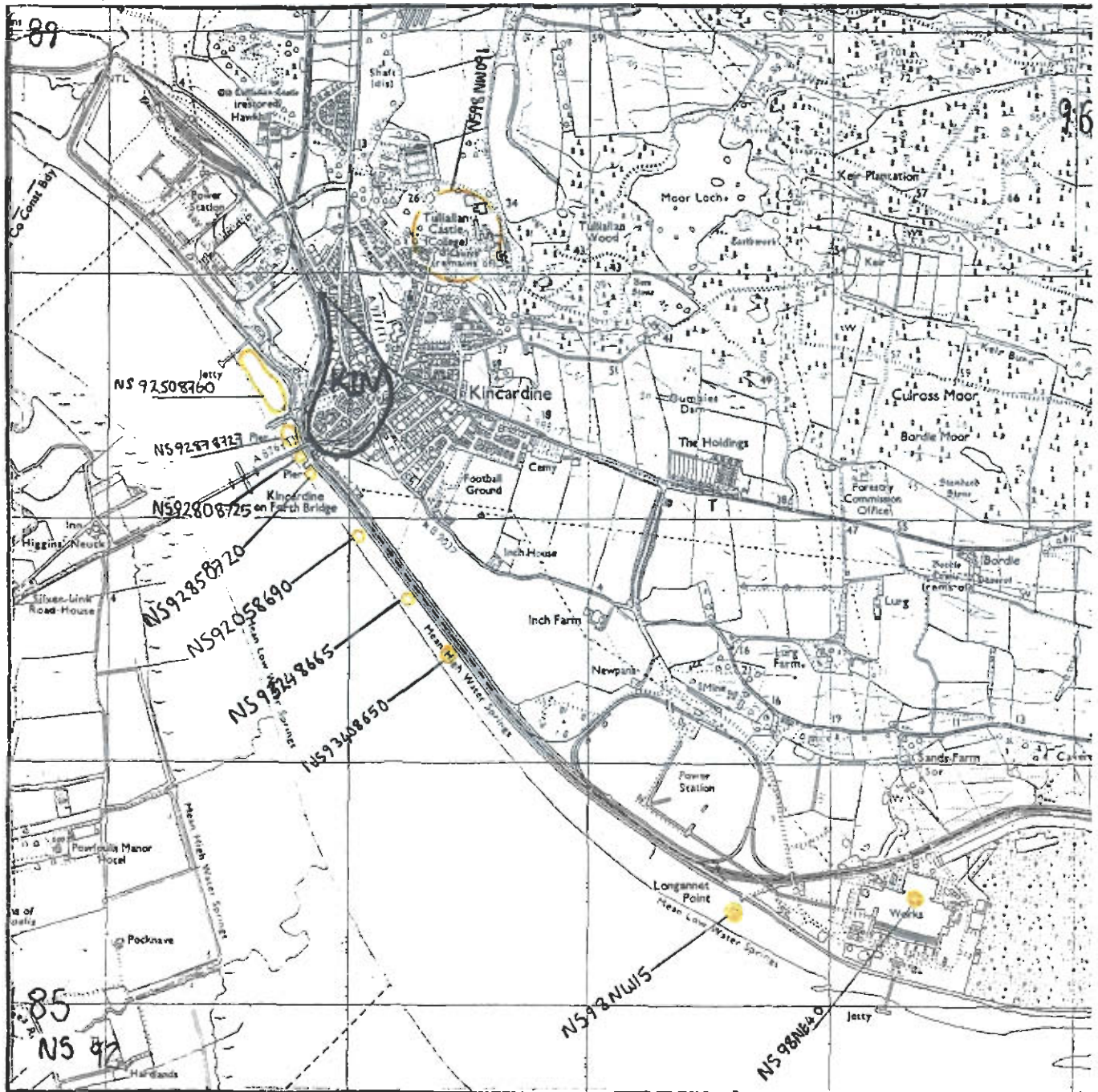
**NS93248665**  
Kincardine  
Wooden ship hulk  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

**NS93408650**  
Kincardine  
Wooden dock and jetty, survives as wooden stakes in  
lines  
\* See site description 1.  
Uncertain  
Fair  
*Survey*

**NS98NW15**  
LONGANNET POINT CHURCH (POSSIBLE),  
CHURCH  
ARCHAEOLOGICAL SITE OF REGIONAL IMPOR-  
TANCE.  
10th Century  
Not seen  
*Nil*

**NS98NE40**  
LONGANNET POWER STATION  
POWER STATION; LAND-FILL.  
20<sup>th</sup> Century  
Good  
*Nil*





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KEY

Site location	Symbol	Staedtler 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
	solid roundel	yellow ochre	Other known Ancient Monument
NMRS e.g. NT2RNE13	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

