"THE NON-TIDAL, NAVIGABLE THAMES: A BANK EROSION MANAGEMENT STRATEGY"

by Sue Reed BSc, MSc, MCIWEM

NOTTINGHAM
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Thesis submitted to the University of Nottingham for the degree of Doctor of Philosophy, October 1998

The non-tidal, navigable Thames – A Bank Erosion Management Strategy

Volume 1 to 3.

S. Reed 1998

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INTRODUCTION

Introduction

The River Thames Bank Survey has been compiled by appraising the banks of the navigable channel from a morphological perspective whereby bank form and vegetation are employed as indicators of erosion.

The atlas uses 1:10,000 scale Ordnance Survey maps as a basis on which to delineate vegetation and significant morphological features within the river corridor. Index Maps I and II show the approximate boundary of each 1:10,000 scale map relative to the channel's locks. The maps encompass the navigable Thames from St. John's Lock downstream to Teddington Lock, and each length is named according to the reach of river it illustrates.

Each 1:10,000 map comprises a colour base map illustrating the position of the main channel and the riparian corridor fringing the banks. The bank vegetation has been classified into four categories according to the general contribution to bank stability provided by its growth. Lengths of bank where vegetation is absent, or where livestock have access, and where there are spending beaches, have also been distinguished along with an additional category describing banks which have been structurally developed and receive a high loading, such as those alongside towpaths.

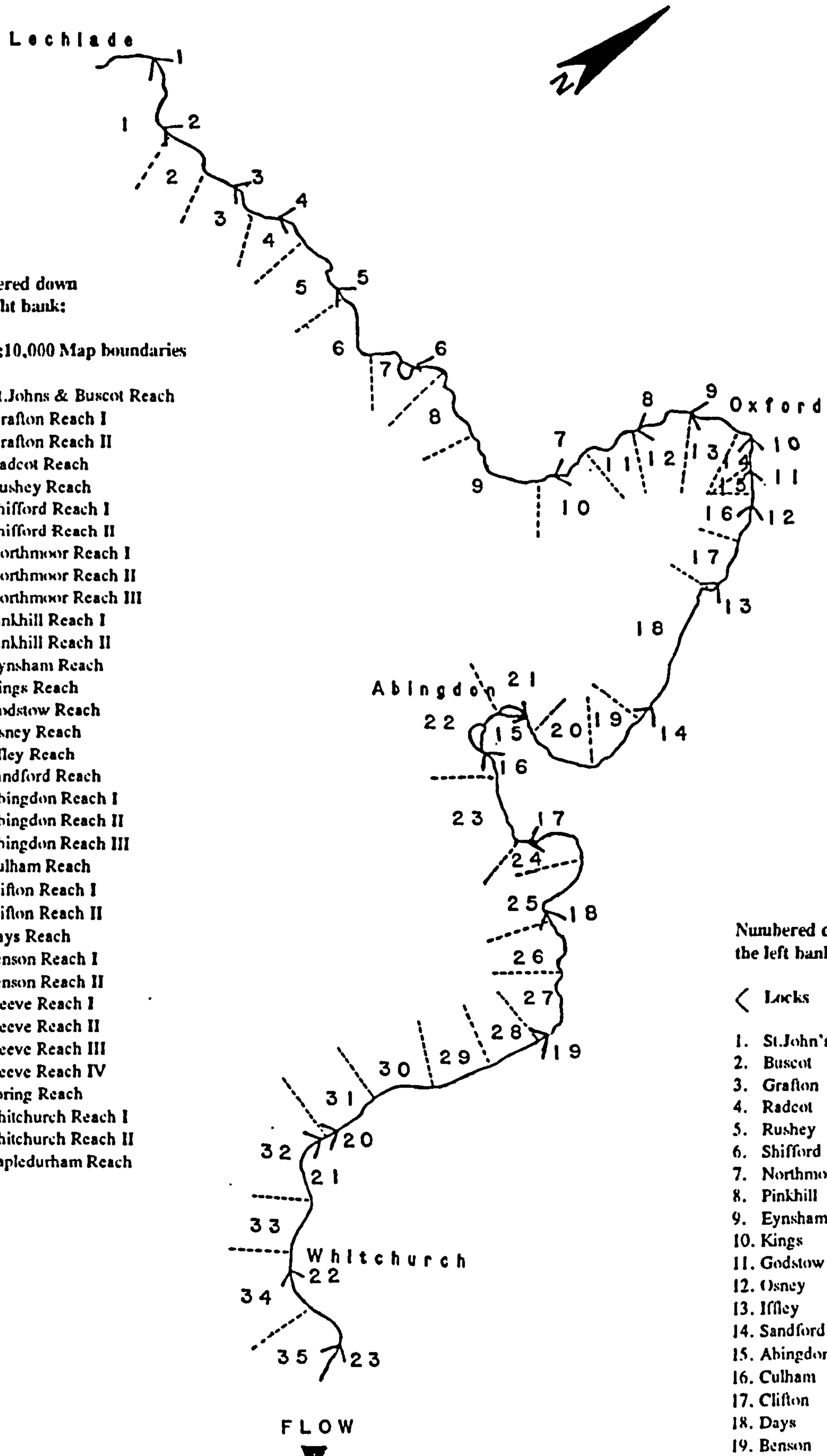
In addition, each map includes an overlay detailing the type of bank protection structures employed and their state of repair. The nature of the structures and methods of survey meant that some difficulties were encountered distinguishing different types of protection, particularly for structures below the surface of the water. Nevertheless, four main categories distinguish the majority of the structures encountered: sheet piling, brickwork, bagwork, and concrete or masonry. In addition, less conventional methods of bank protection, such as spiling, gabion baskets and geotextile fabrics have been specified, along with wooden fishing embankments, mooring platforms and bank-side tree planting schemes.

Where possible, failures of protective structures have been classified according to one of three categories which, from their geometry, infer a causal process or mechanism. Water level erosion (WLE) diagnoses protection failure which is predominantly at the water level and suggests that erosive forces have emanated from the channel. Alternatively, washout erosion (WOE) describes failure behind the structure, often manifest as erosion of backfill, which may be initiated or exacerbated by bank-side activities such as angling and mooring. The last category, surface erosion (SE), may be attributed to erosion from the bank-side as opposed to from the channel and denotes protection which remains generally intact except for degeneration of the surface geotextile.

The map overlays also indicate bank-side uses. Lengths of bank where angling and grazing were evident during surveys are included, and landing stages, designated mooring and boat yards have been incorporated from the Nicholson/Ordnance Survey Guide to the River Thames (1990).

INDEX MAP I

1:250,000



Numbered down
the right bank:

----- 1:10,000 Map boundaries

1. St.Johns & Buscot Reach
2. Grafton Reach I
3. Grafton Reach II
4. Radcot Reach
5. Rushey Reach
6. Shifford Reach I
7. Shifford Reach II
8. Northmoor Reach I
9. Northmoor Reach II
10. Northmoor Reach III
11. Pinkhill Reach I
12. Pinkhill Reach II
13. Eynsham Reach
14. Kings Reach
15. Godstow Reach
16. Osney Reach
17. Iffley Reach
18. Sandford Reach
19. Abingdon Reach I
20. Abingdon Reach II
21. Abingdon Reach III
22. Culham Reach
23. Clifton Reach I
24. Clifton Reach II
25. Days Reach
26. Benson Reach I
27. Benson Reach II
28. Cleeve Reach I
29. Cleeve Reach II
30. Cleeve Reach III
31. Cleeve Reach IV
32. Goring Reach
33. Whitchurch Reach I
34. Whitchurch Reach II
35. Mapledurham Reach

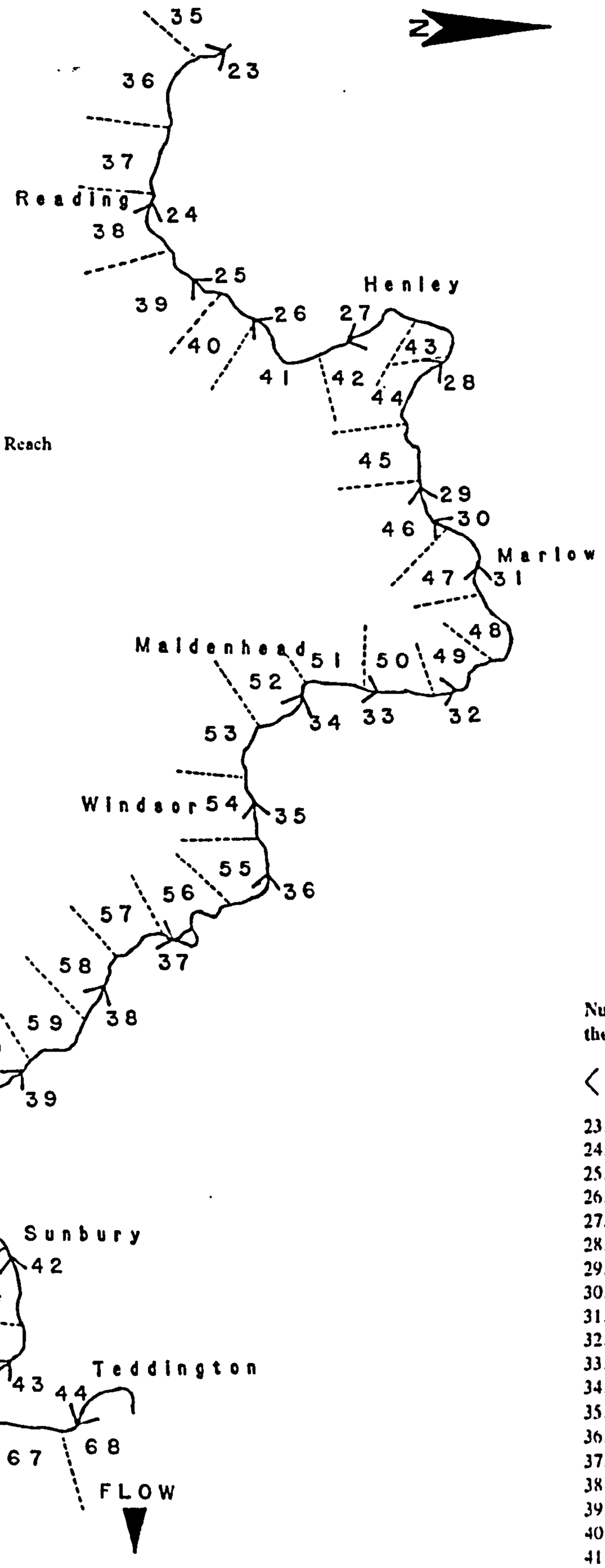
Numbered down
the left bank:

< Locks

1. St.John's
2. Buscot
3. Grafton
4. Radcot
5. Rushey
6. Shifford
7. Northmoor
8. Pinkhill
9. Eynsham
10. Kings
11. Godstow
12. Osney
13. Iffley
14. Sandford
15. Abingdon
16. Culham
17. Clifton
18. Days
19. Benson
20. Cleeve
21. Goring
22. Whitchurch
23. Mapledurham

INDEX MAP II

1:250,000



Numbered down the right bank:

----- 1:10,000 Map boundaries

35. Mapledurham Reach
36. Caversham Reach I
37. Caversham Reach II
38. Caversham Reach III
39. Sonning Reach
40. Shiplake Reach
41. Marsh Reach I
42. Marsh Reach II
43. Hambledon Reach I
44. Hambledon Reach II
45. Hurley Reach I
46. Hurley Reach II & Temple Reach
47. Marlow Reach
48. Cookham Reach I
49. Cookham Reach II
50. Boulters Reach
51. Bray Reach I
52. Bray Reach II
53. Boveney Reach I
54. Boveney Reach II
55. Romney Reach
56. Old Windsor Reach
57. Bell Weir Reach I
58. Bell Weir Reach II
59. Penton Hook Reach I
60. Penton Hook Reach II
61. Chertsey Reach
62. Shepperton Reach
63. Sunbury Reach
64. Molesey Reach I
65. Molesey Reach II
66. Teddington Reach I
67. Teddington Reach II
68. Teddington Reach III

Numbered down the left bank:

〈 Locks

23. Mapledurham
24. Caversham
25. Sonning
26. Shiplake
27. Marsh
28. Hambleden
29. Hurley
30. Temple
31. Marlow
32. Cookham
33. Boulter's
34. Bray
35. Boveney
36. Romney
37. Old Windsor
38. Bell Weir
39. Penton Hook
40. Chertsey
41. Shepperton
42. Sunbury
43. Molesey
44. Teddington

THAMES 1:10,000 MAP ATLAS

LEGEND

Channel

Reeds

Eroding bank

Beach profile

Stabilising beach profile (revegetation)

Livestock access (typically cattle drink)

No vegetation at bank (high loading eg. towpath)

Grass as prominent bank vegetation

Shrubs as prominent bank vegetation

Grass and/or shrubs with a few trees at the bank

Wooded, dense trees as prominent bank vegetation

Unvegetated bank face

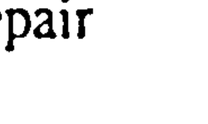
Overlay:

▽	Direction of flow
G	Grazing
F	Angling
M	Designated Mooring
B	Boat yard
L	Landing stage

WLE — Water level erosion - where failure of bank protection is primarily at the level of the water and has resulted in displacement or undercutting of the structure.

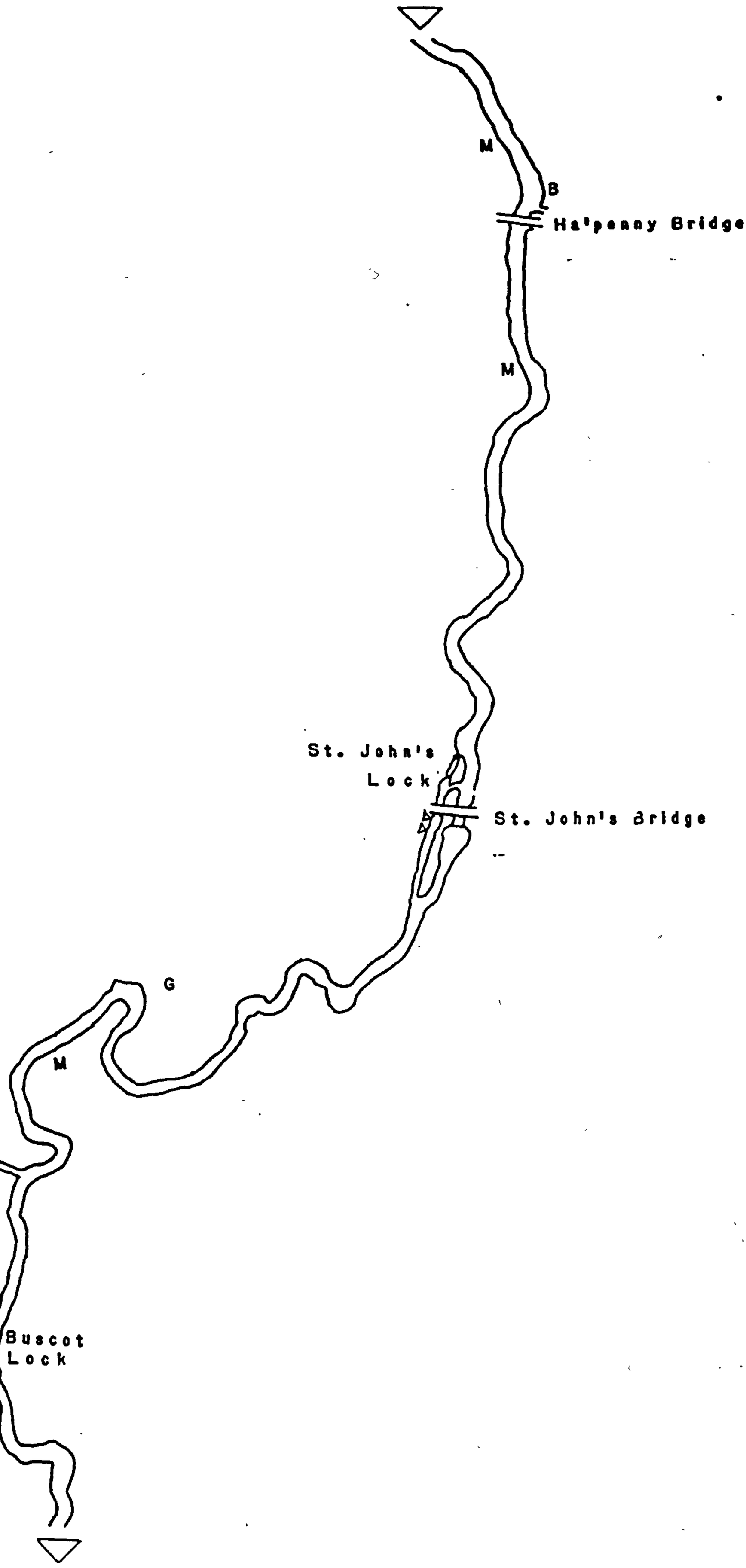
WOE — Washout erosion - where failure of bank protection is primarily behind the structure and has led to washout of backfill with or without displacement of the structure.

SE — Surface erosion - where bank protection remains in generally sound repair except for erosion of the geotextile at the surface of the bank.

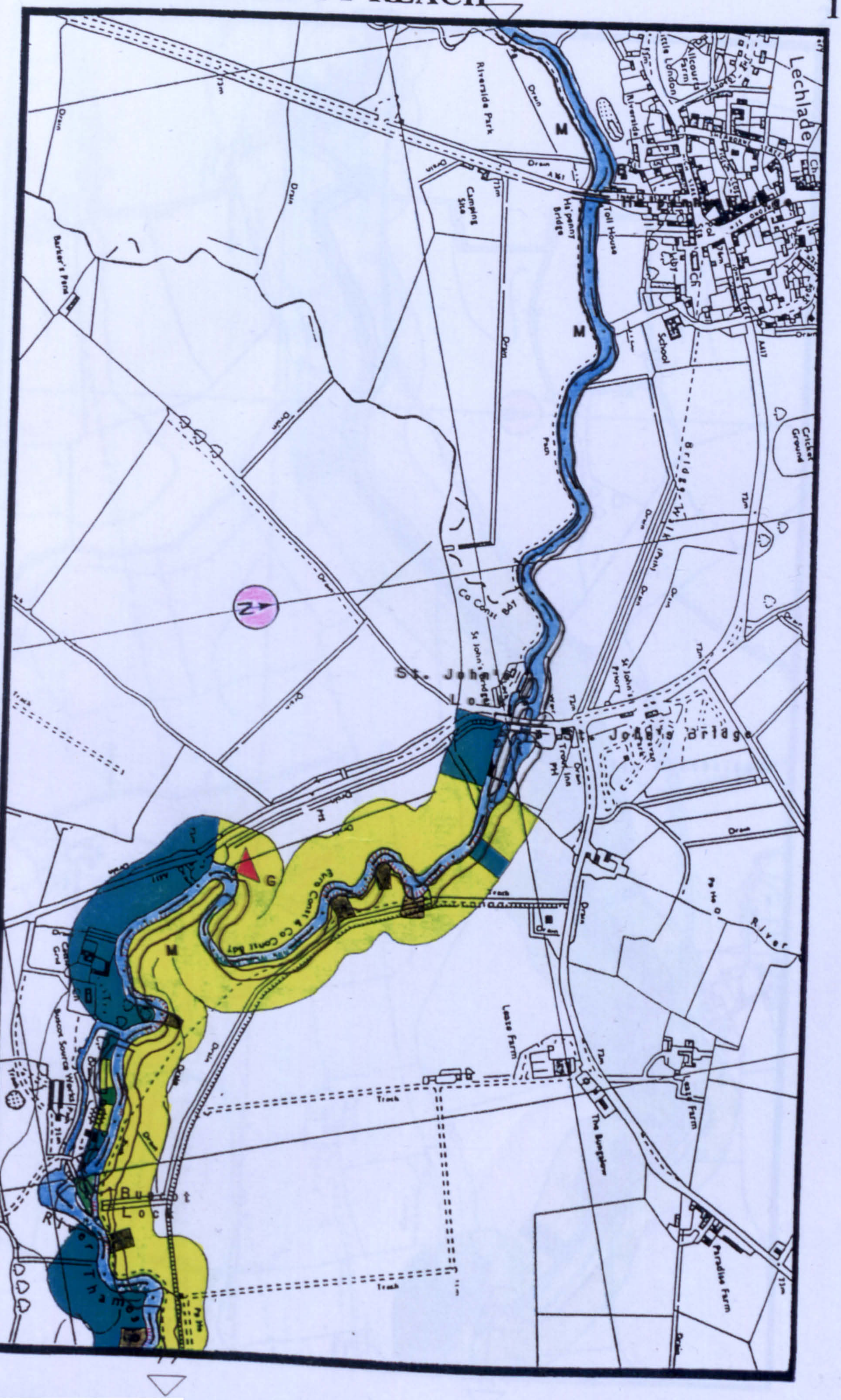
□□□□	Sheet piling - intact	▪▪▪▪	Sheet piling - failing
	Brickwork - intact		Brickwork - failing
▽▽▽▽	Concrete/masonry - intact	▼▼▼▼	Concrete/masonry - failing
○○○○	Bagwork - intact	●●●●	Bagwork - failing

XXX — Specified as follows:

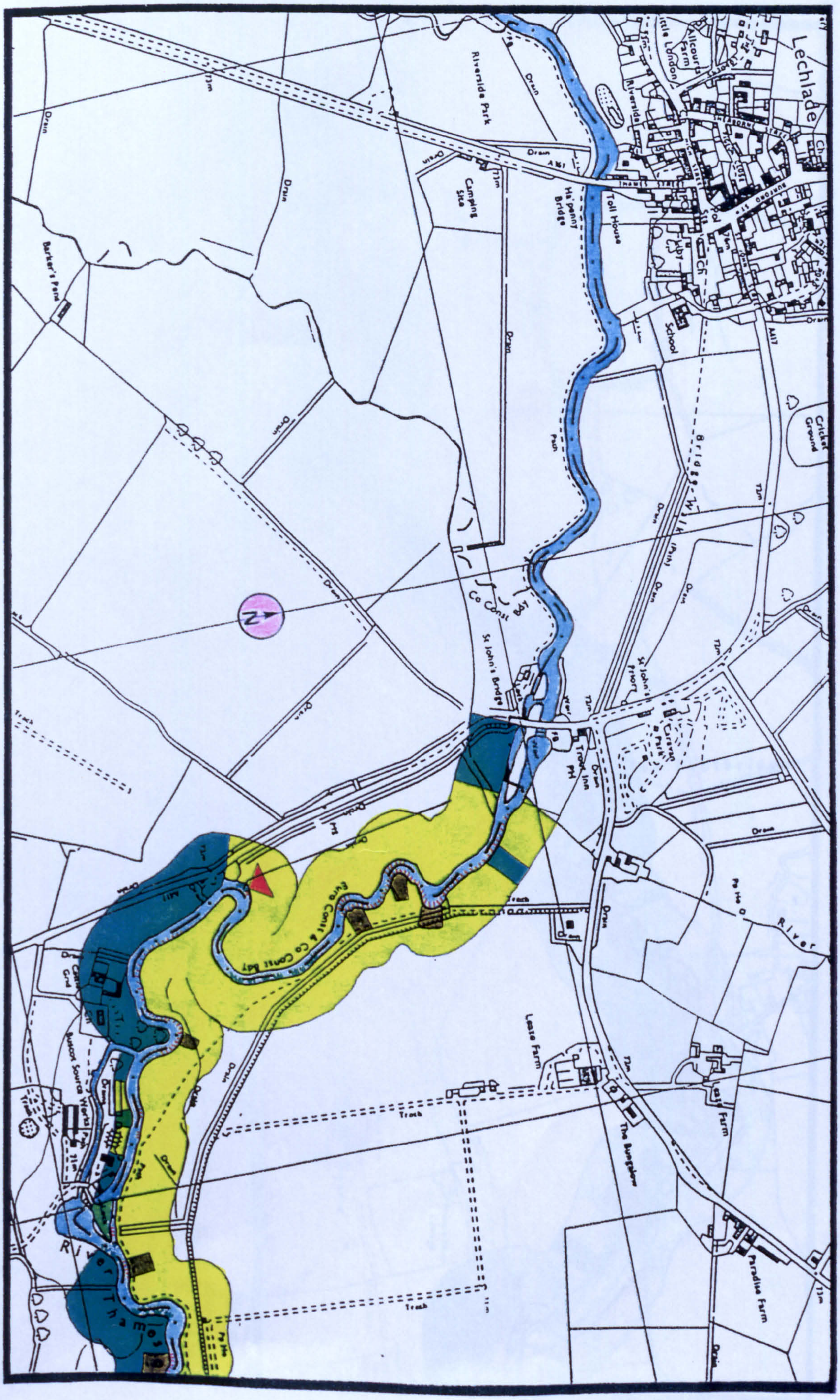
GB	Gabion baskets - unspecified repair
IGB	Intact gabion baskets
FGB	Failing gabion baskets - where failure is confined to damage of the overlying geotextile while the gabions remain intact
N	Nicospan - unspecified repair
IN	Intact Nicospan
FN	Failing Nicospan
S	Spiling - unspecified repair
IS	Intact spiling
FS	Failing spiling
WFE	Wooden fishing embankment(s) - unspecified repair
TG	Tubular geotextile - unspecified repair
MP	Mooring platform(s) - unspecified repair
TP	Tree planting

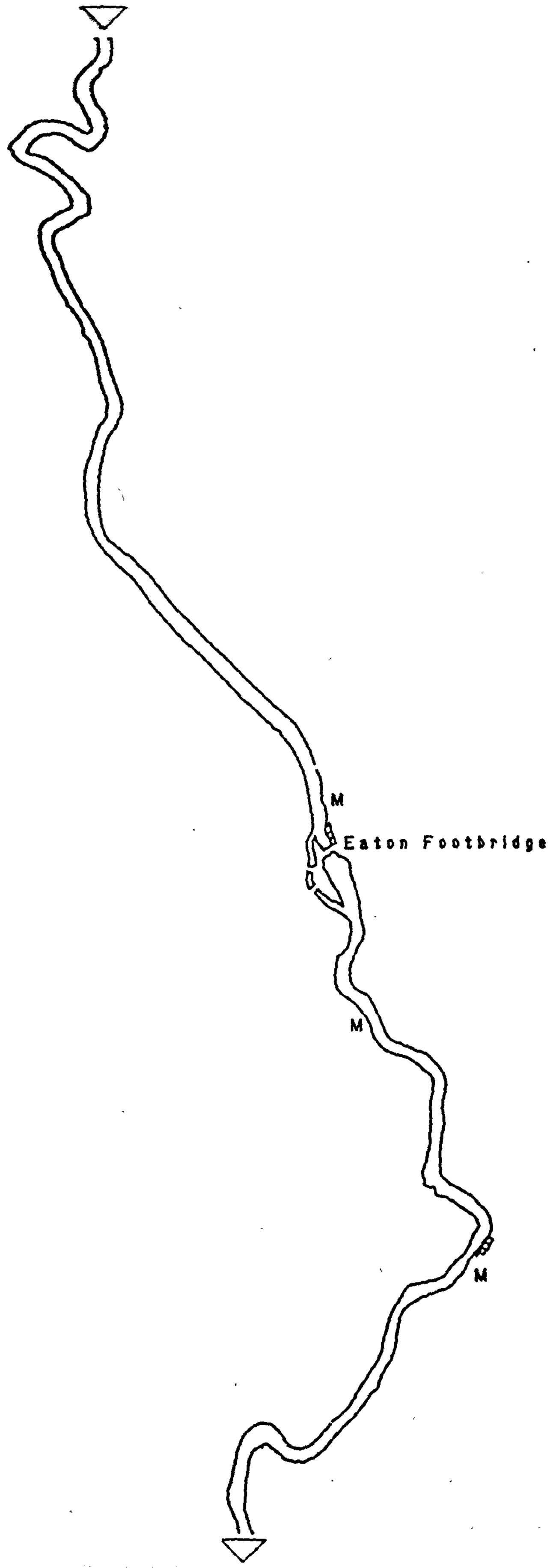

M
B
Ha'penny Bridge
M
St. John's
Lock
St. John's Bridge
G
M
Buscot
Lock

ST.JOHNS & BUSCOT REACH

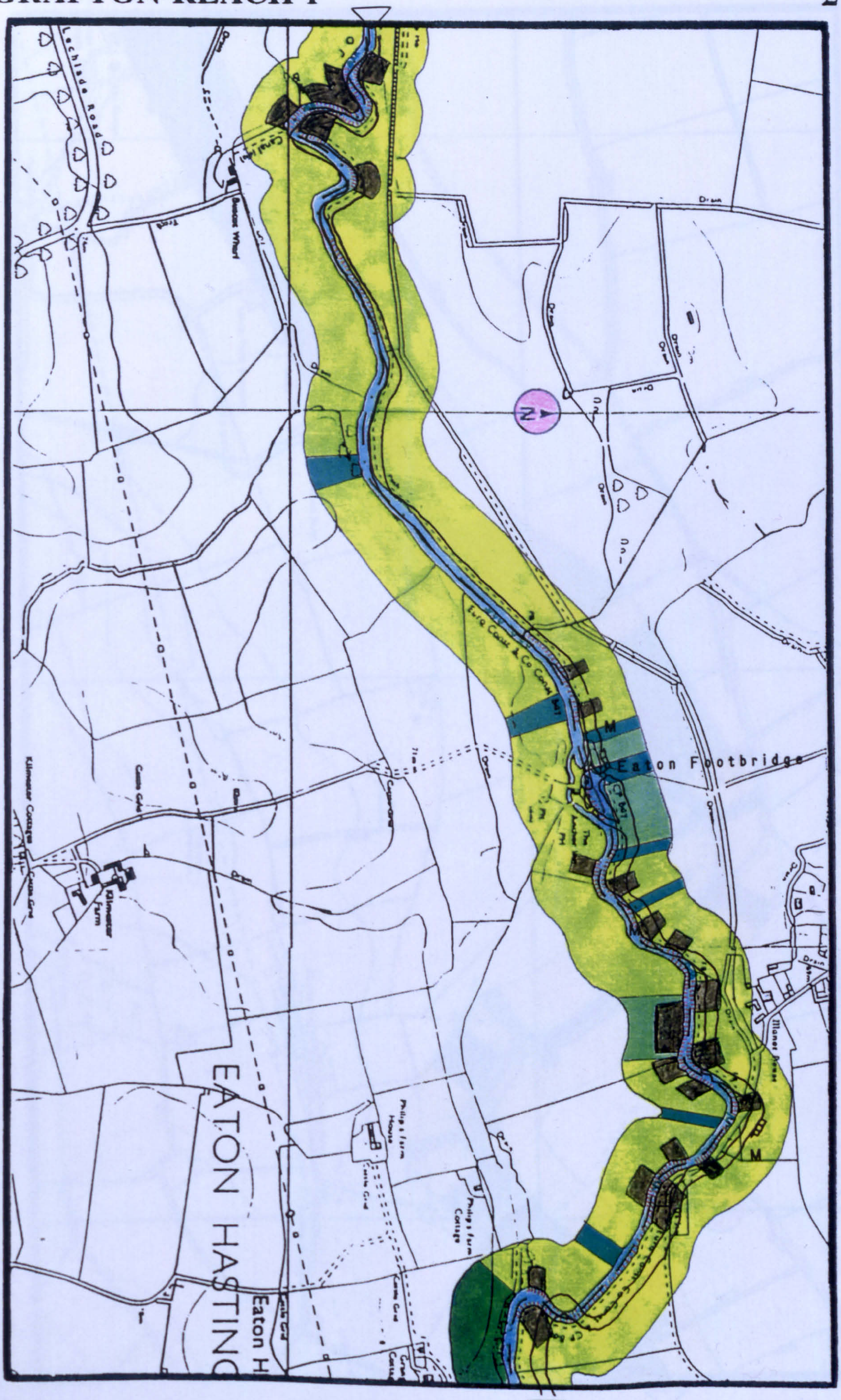


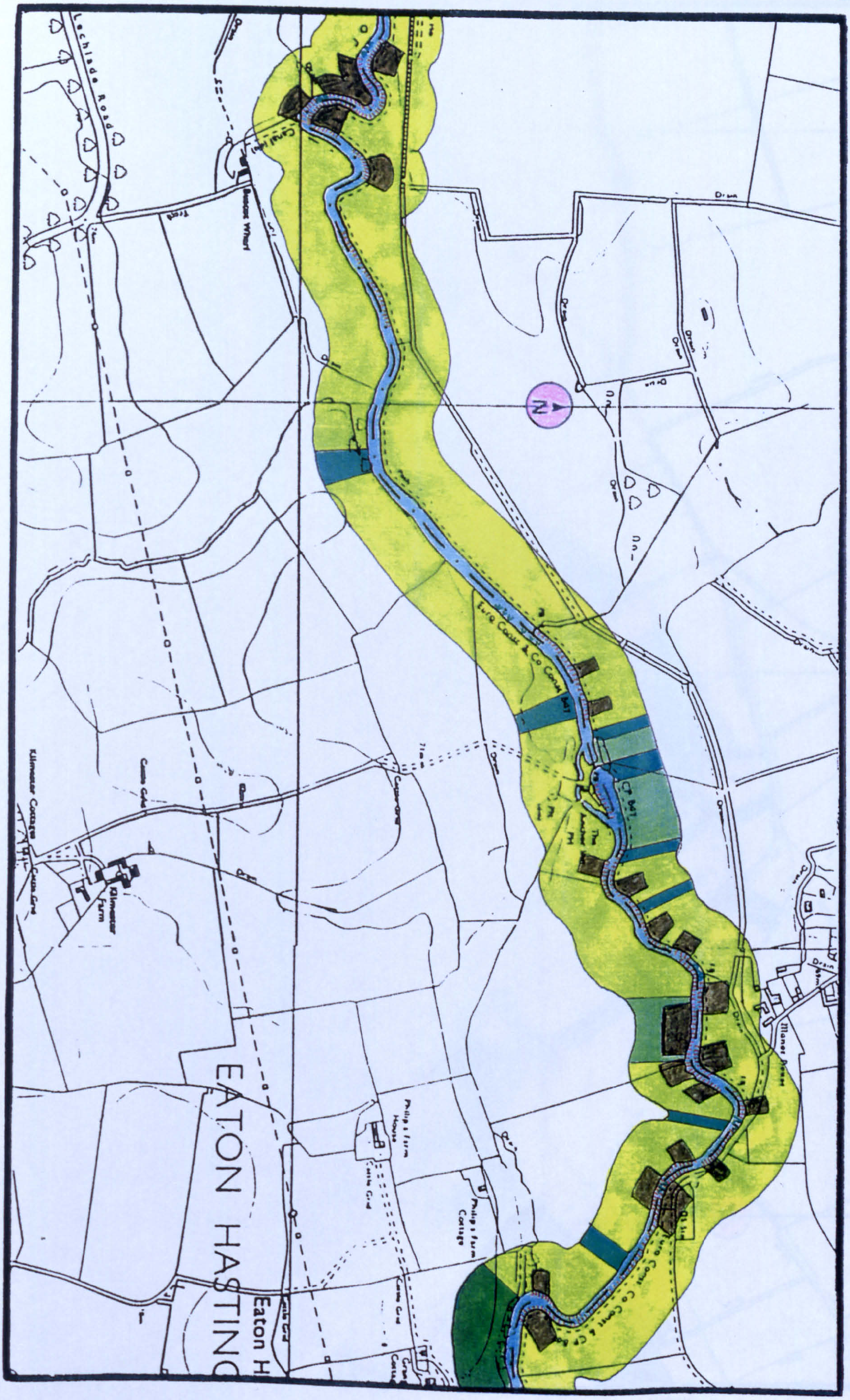
ST.JOHNS & BUSCOT REACH

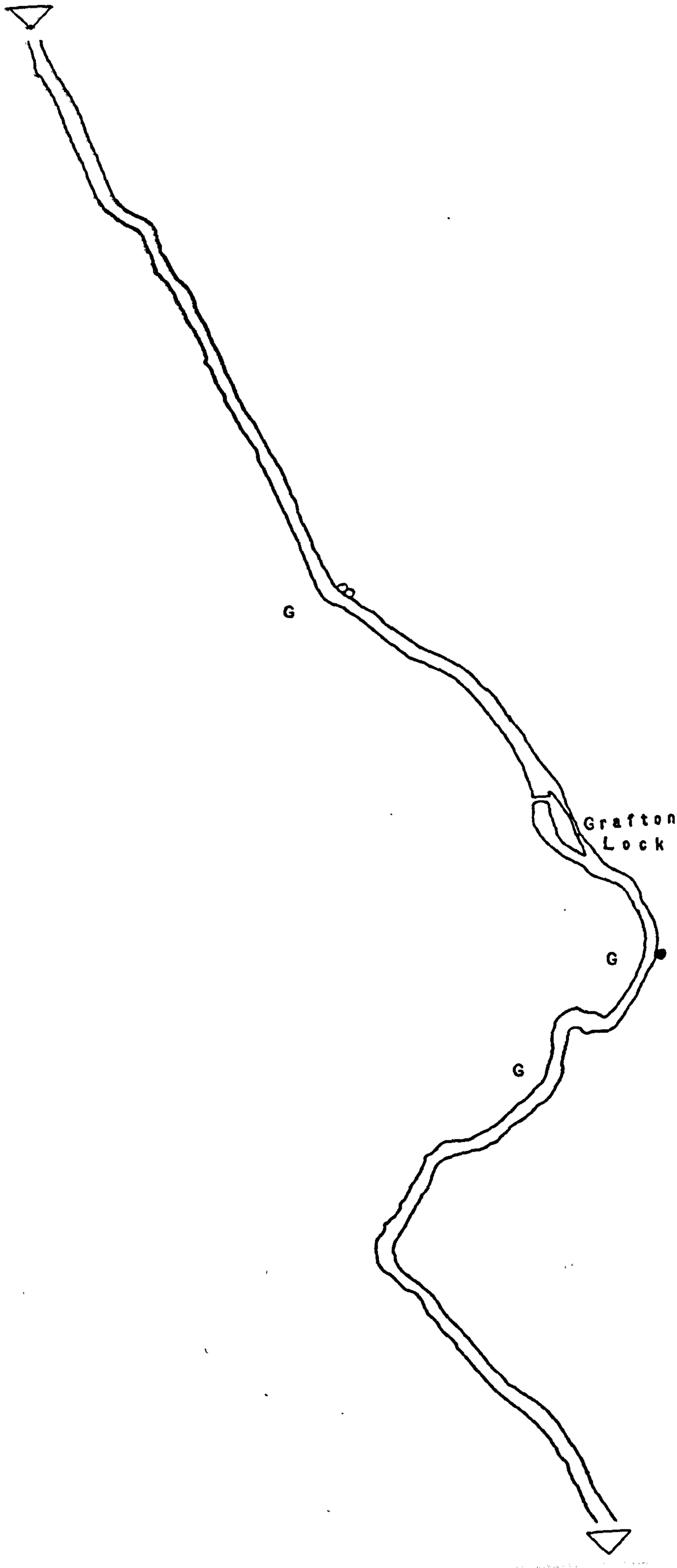



M
Eaton Footbridge
M
M

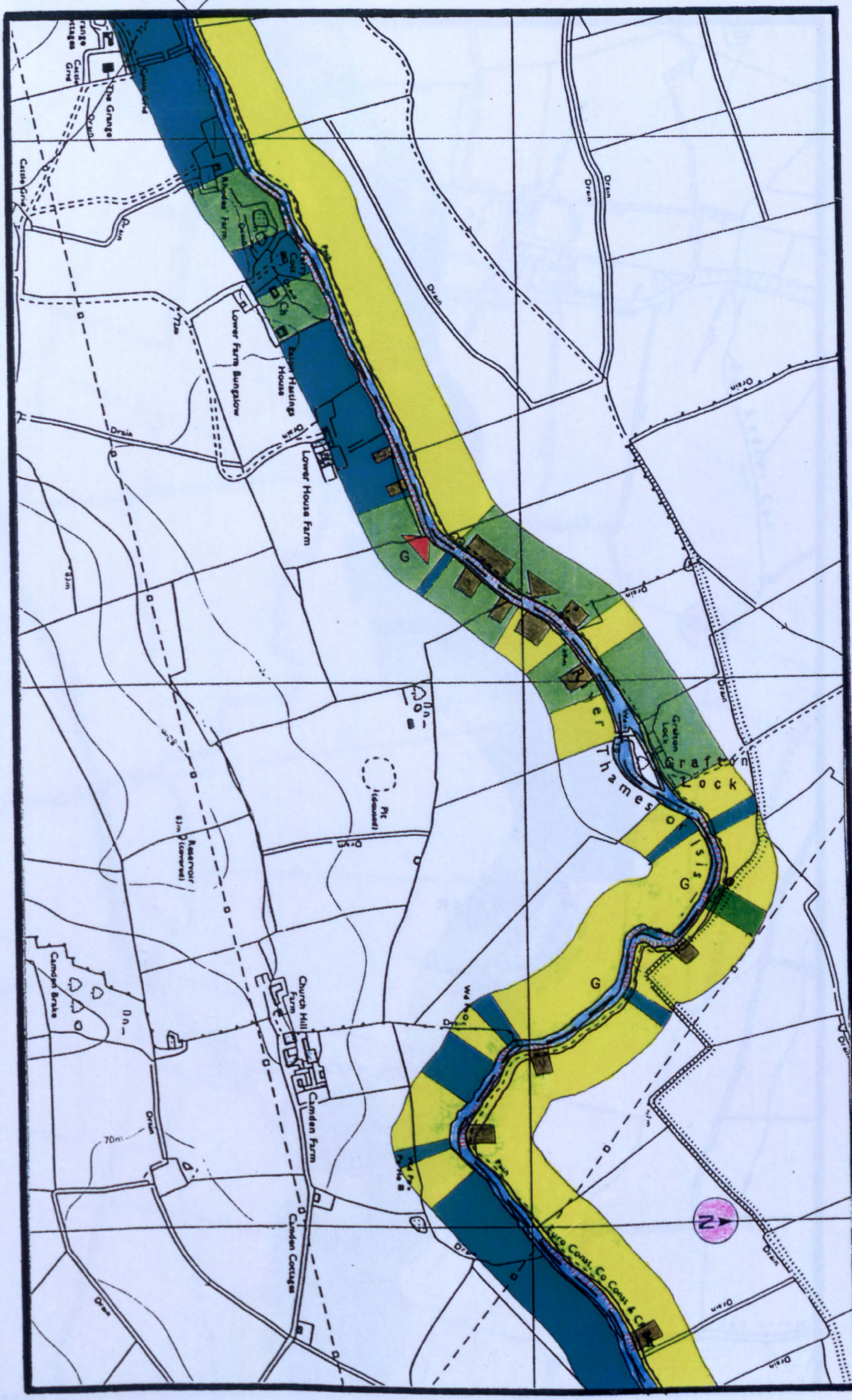
GRAFTON REACH I




Lechlade Road
Drain
EATON HASTING
Eaton H
Kilmester Farm
Drain


G
Grafton
Lock
G
G

GRAFTON REACH II

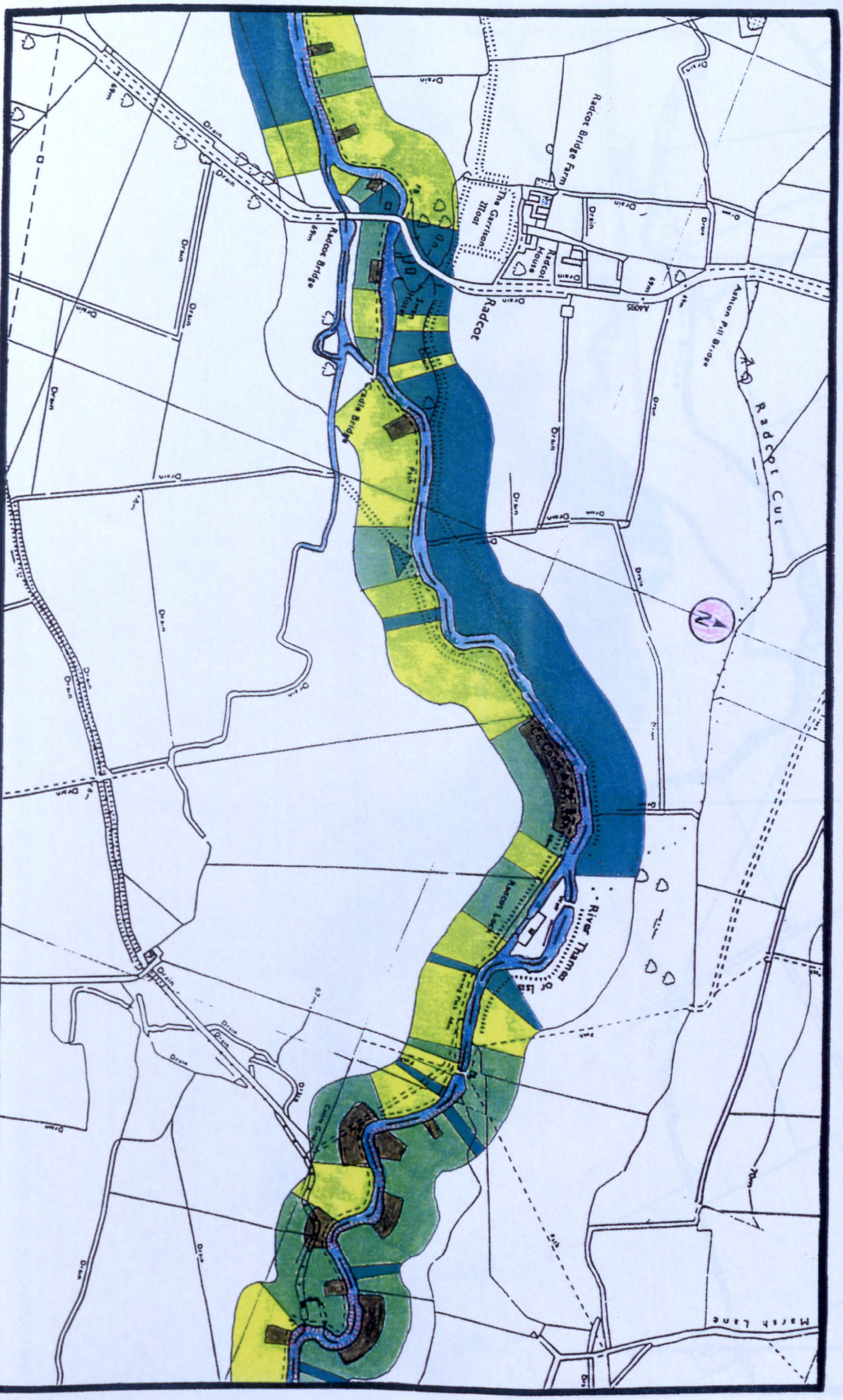


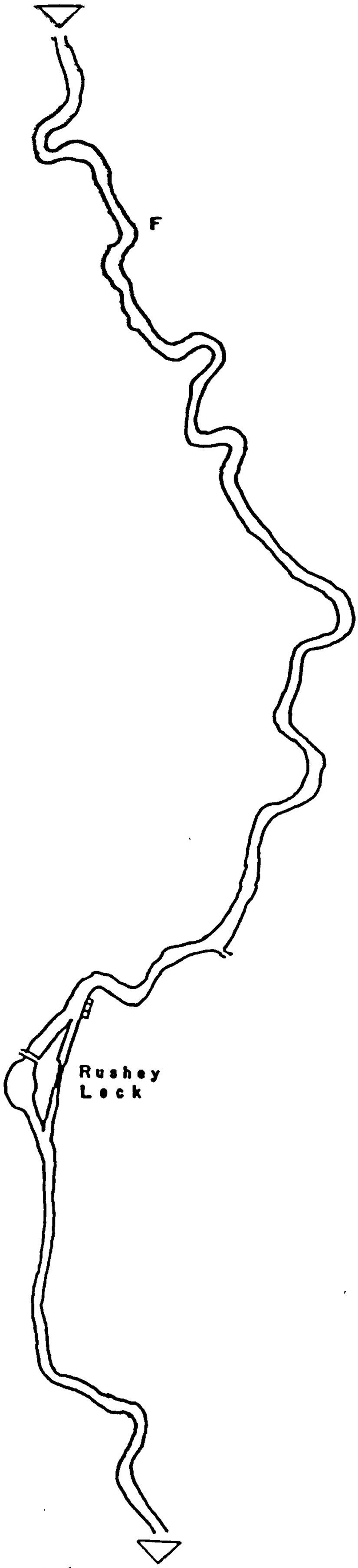
GRAFTON REACH II

Radcot Bridge
M
M
G
Radcot
Lock
Old Man's Bridge
F

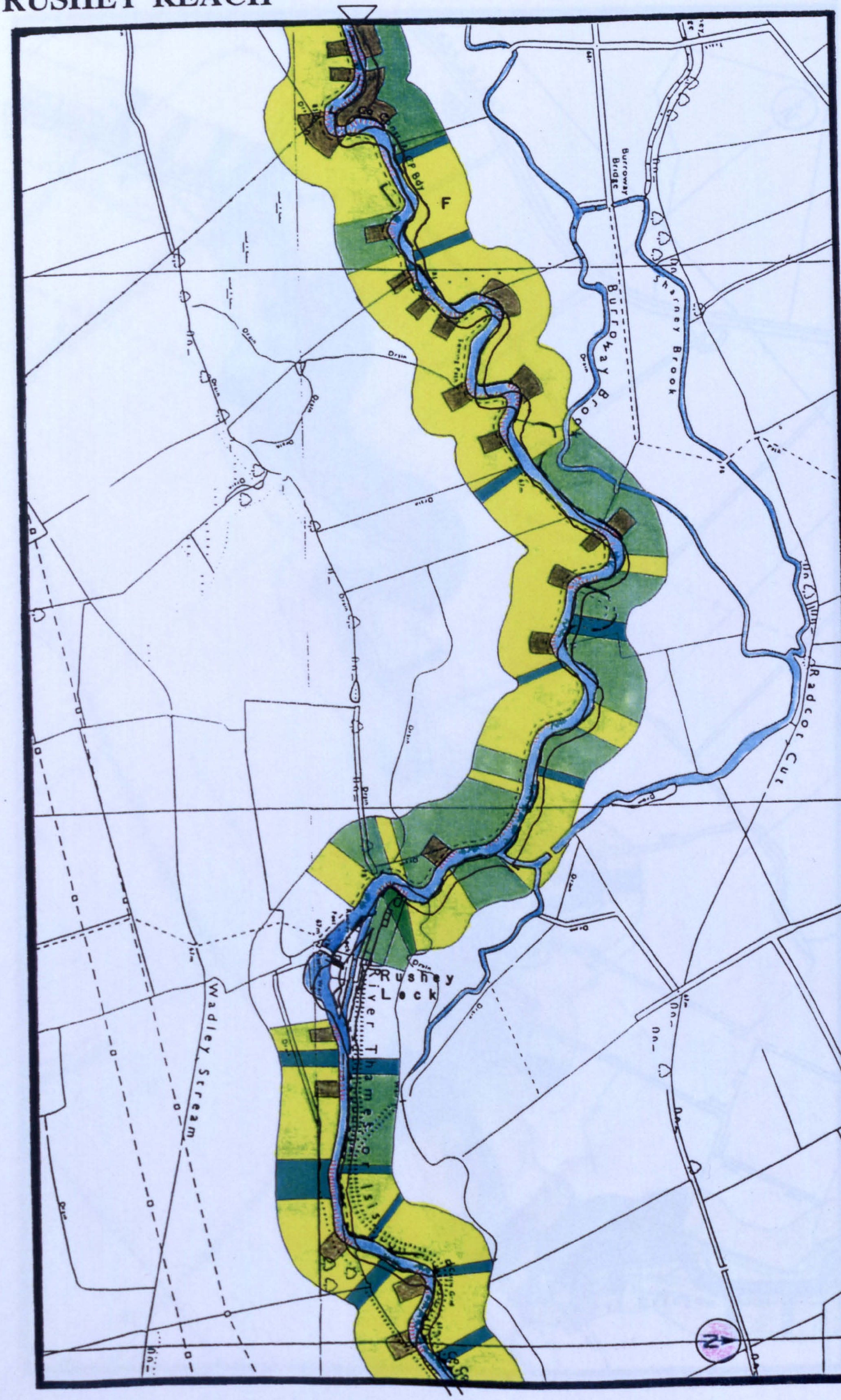
RADCOT REACH

RADCOT REACH

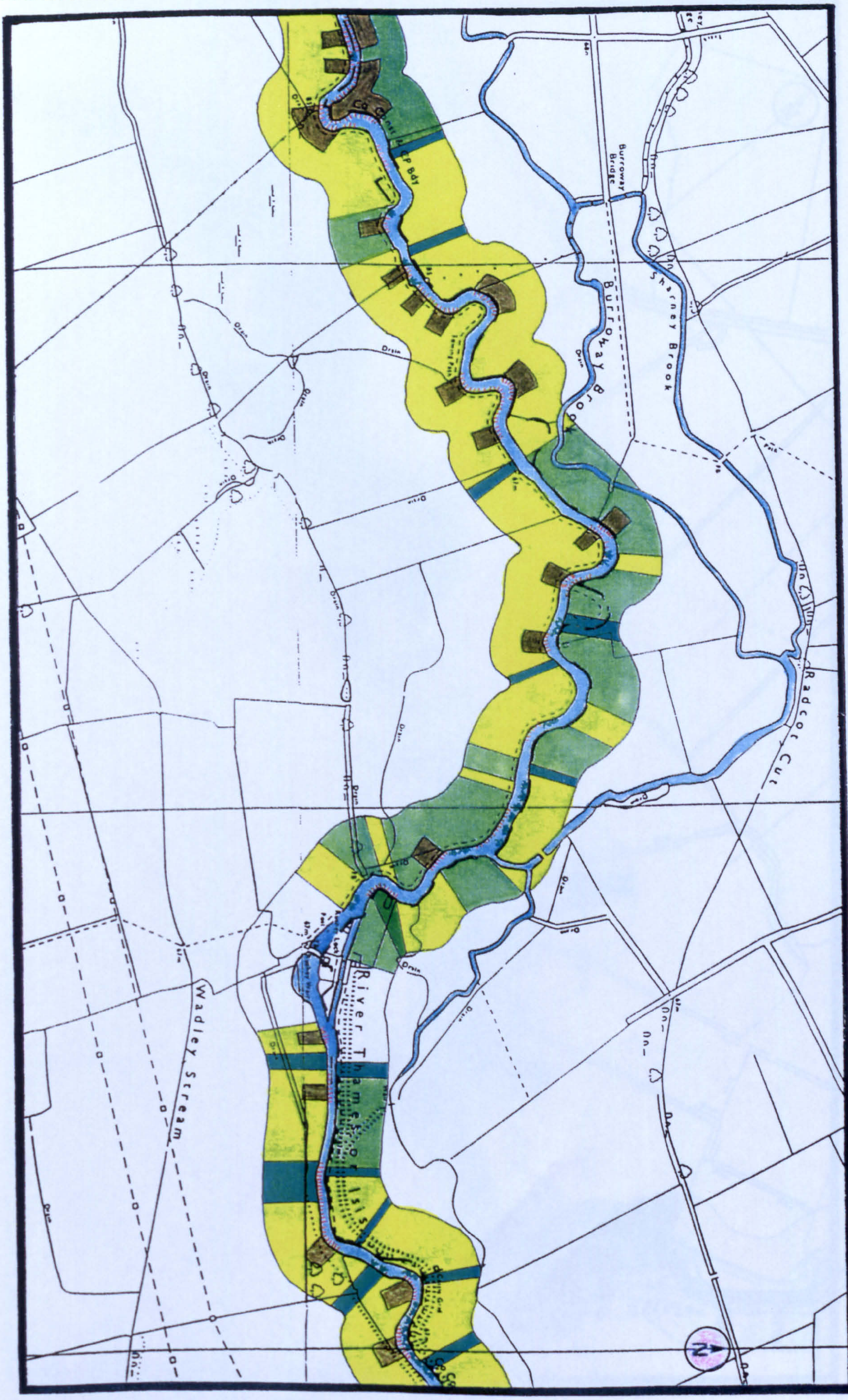


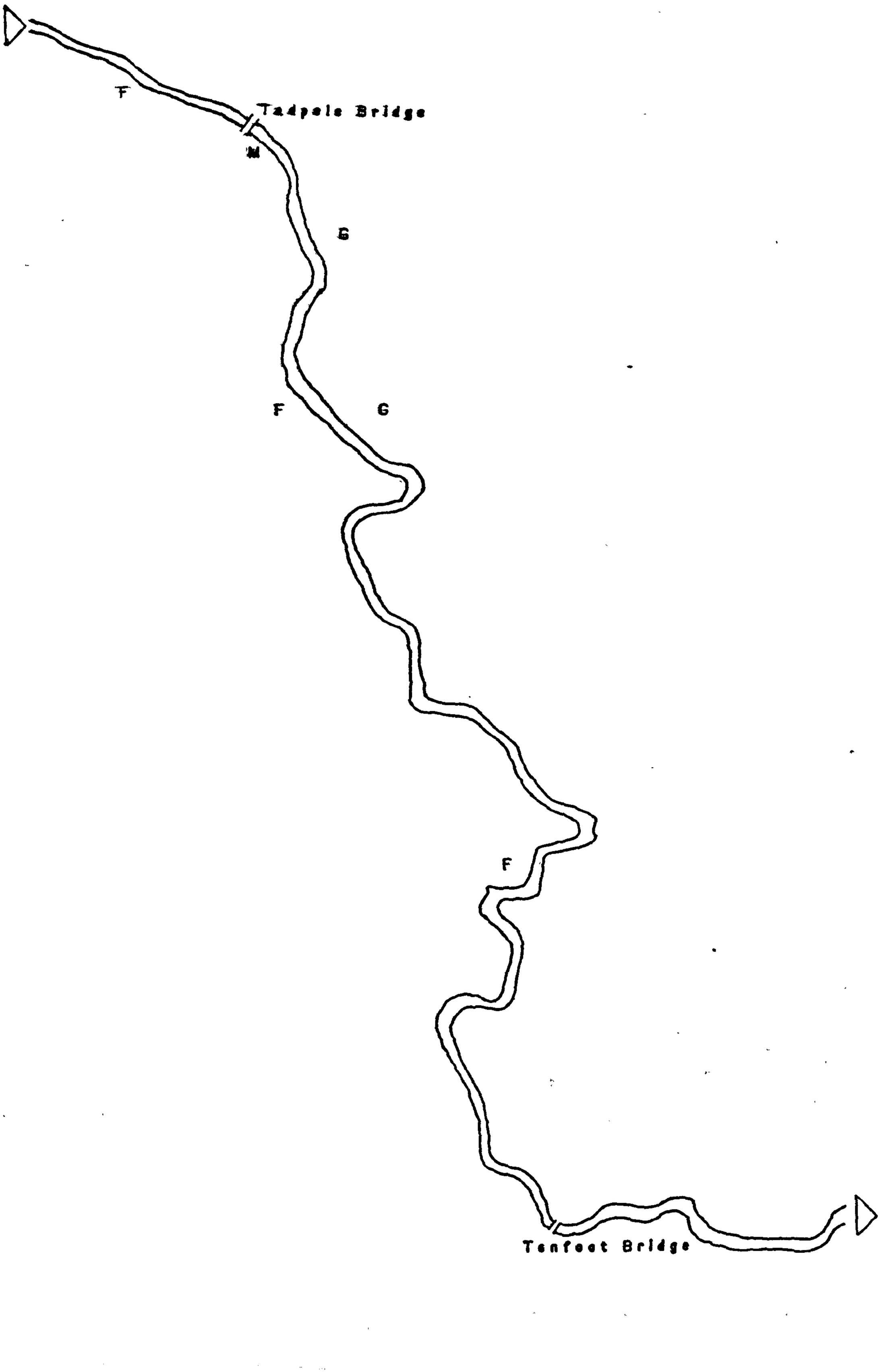

F
Rushey
Lock

RUSHEY REACH

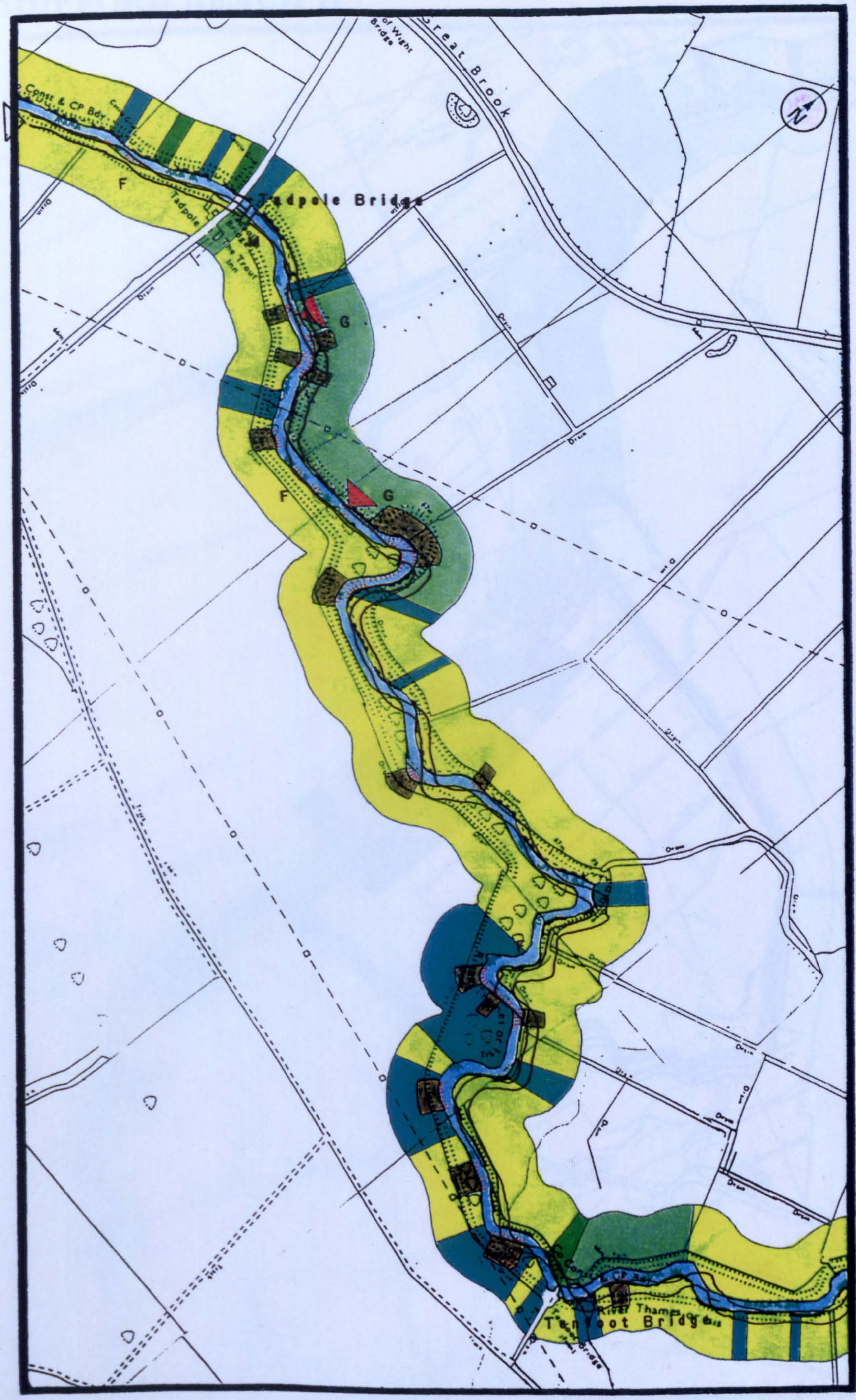


RUSHEY REACH

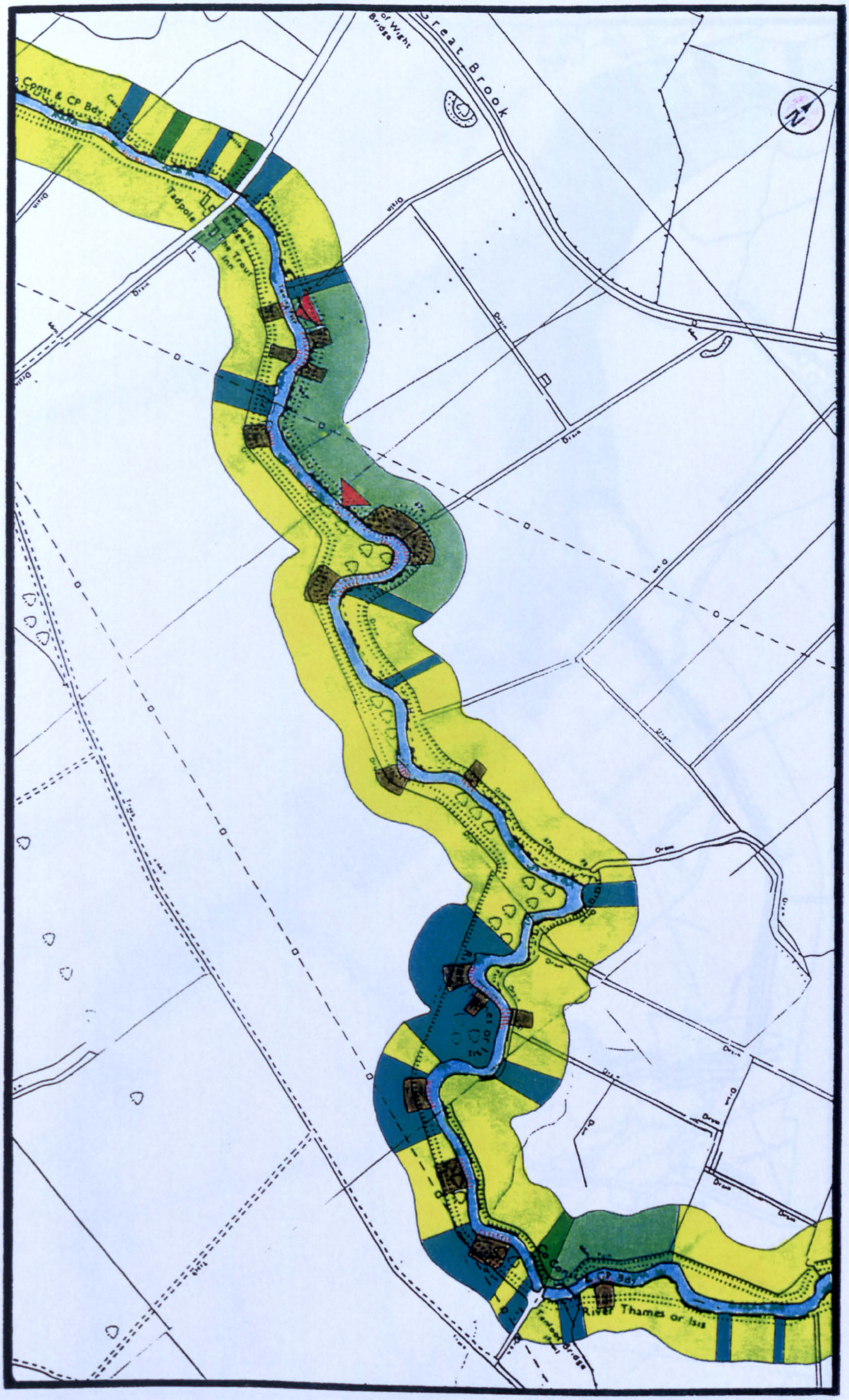


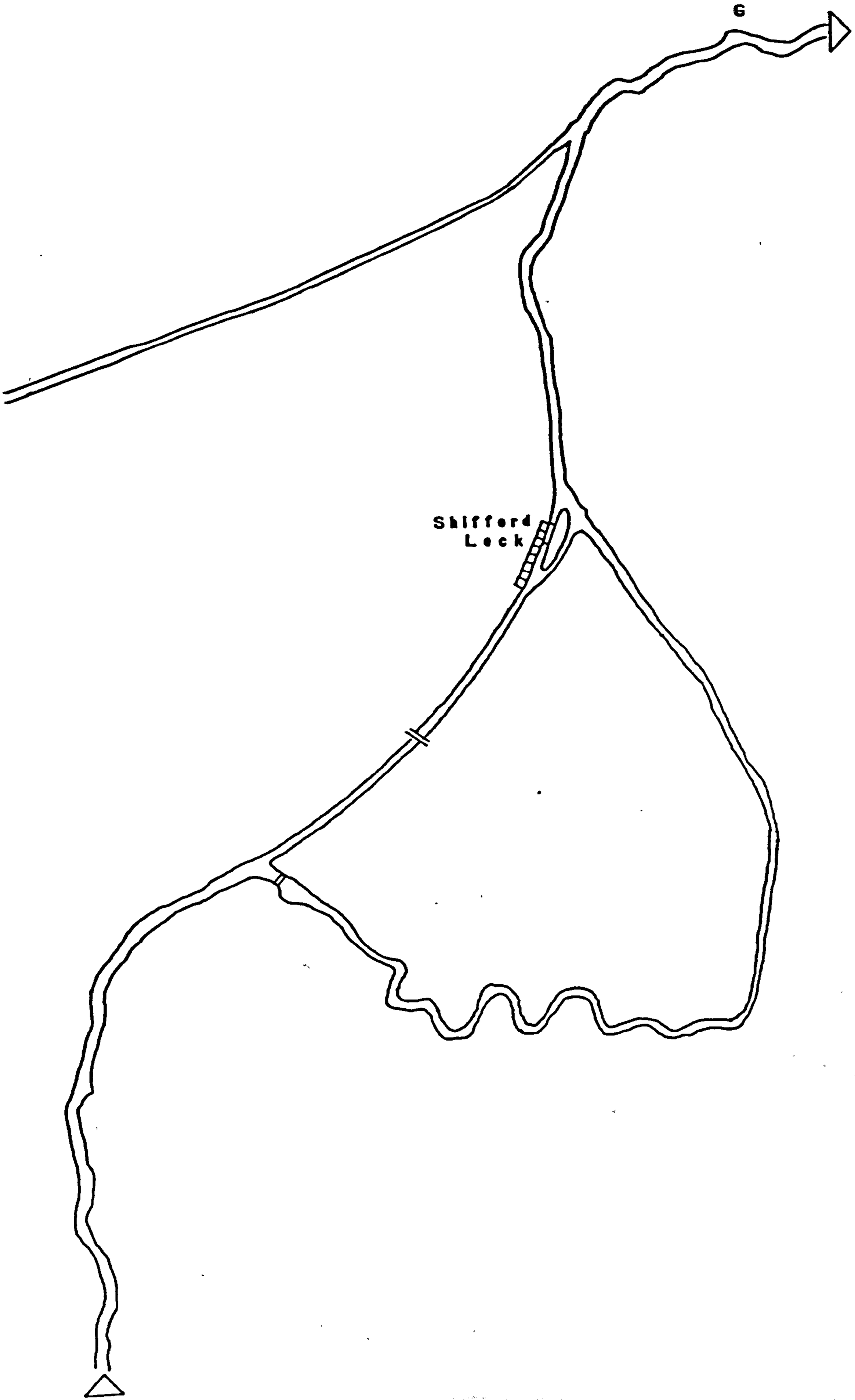

F
Tadpole Bridge
M
G
F
G
F
Tenfoot Bridge

SHIFFORD REACH I



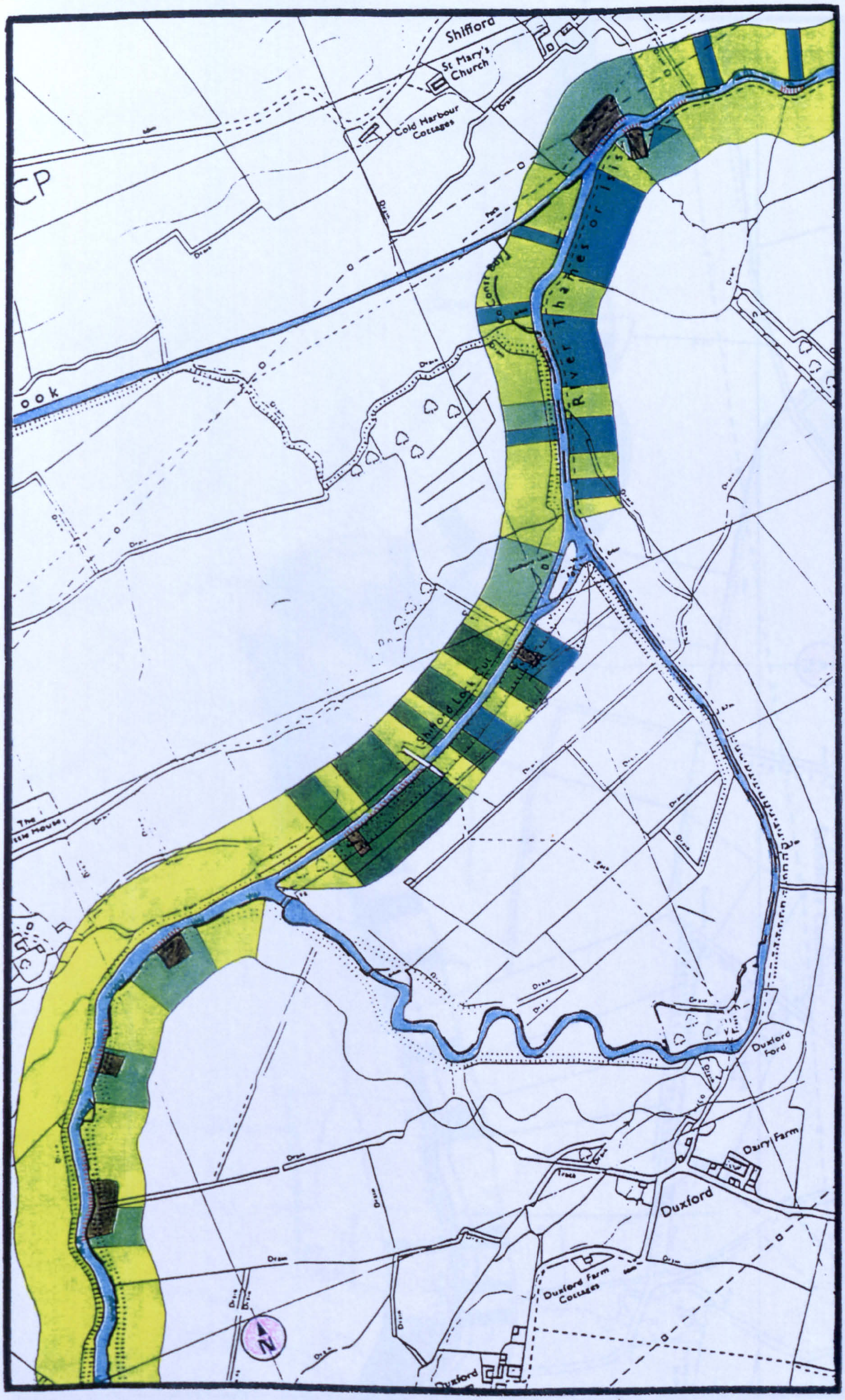
SHIFFORD REACH I

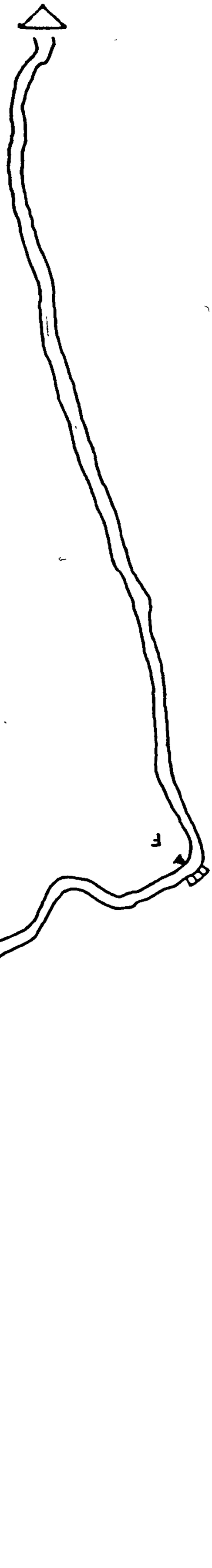



6
Shifford
Lock

SHIFFORD REACH II

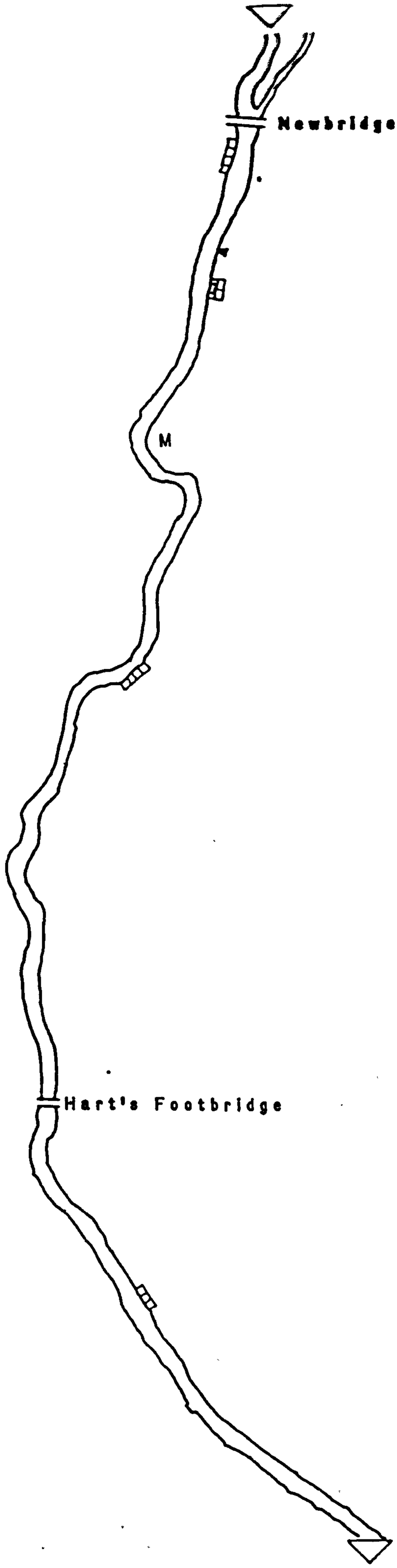
SHIFFORD REACH II




F
G

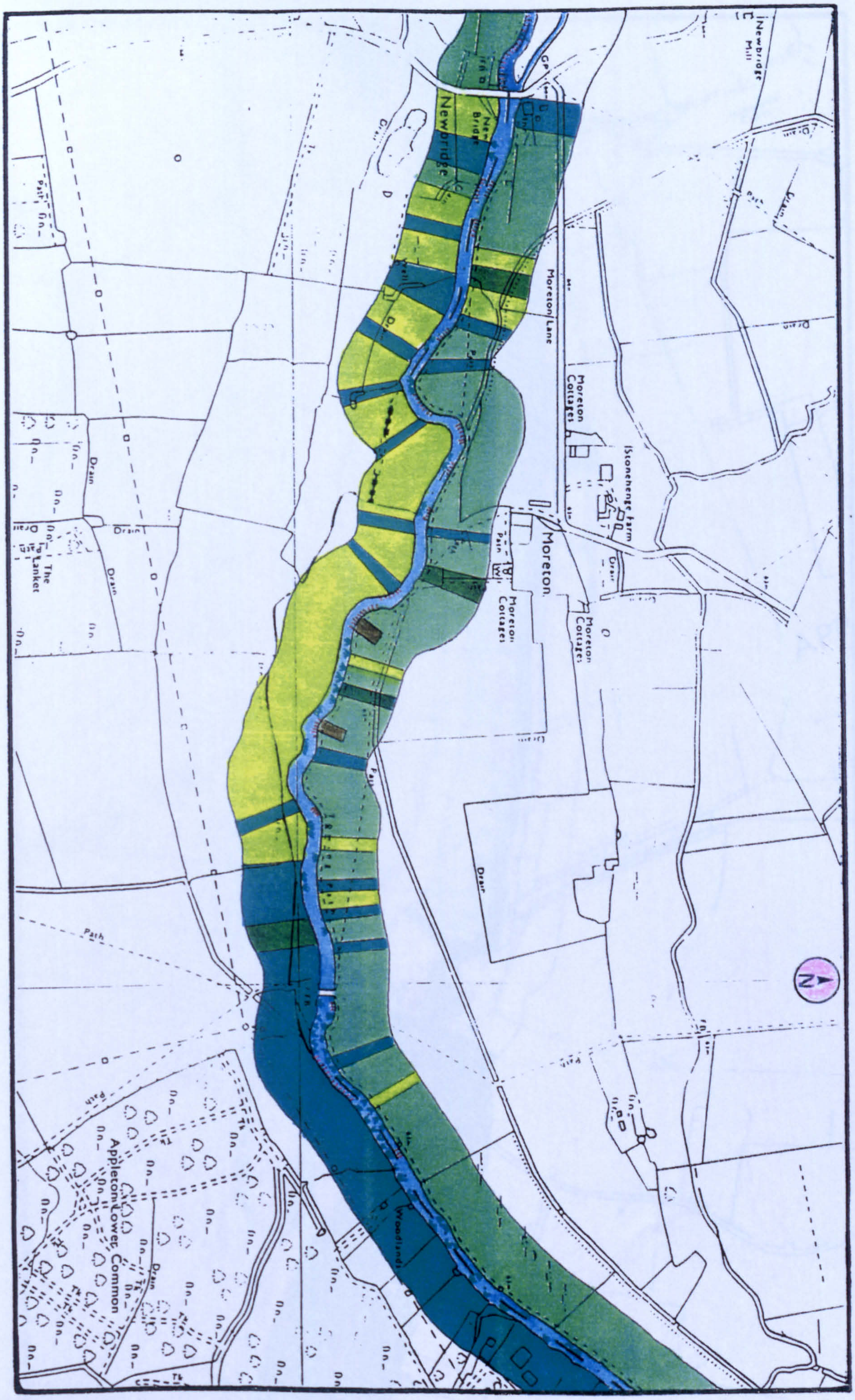
NORTHMOOR REACH I

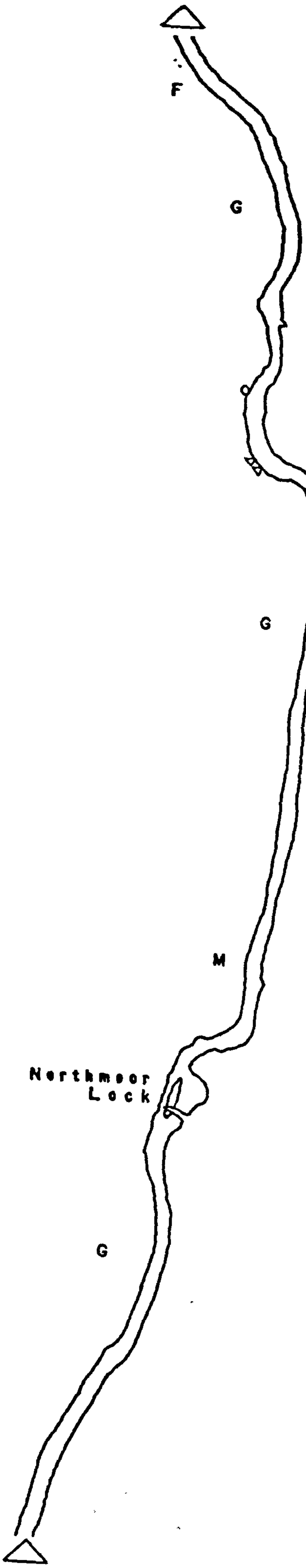
NORTHMOOR REACH I


Newbridge
M
Hart's Footbridge

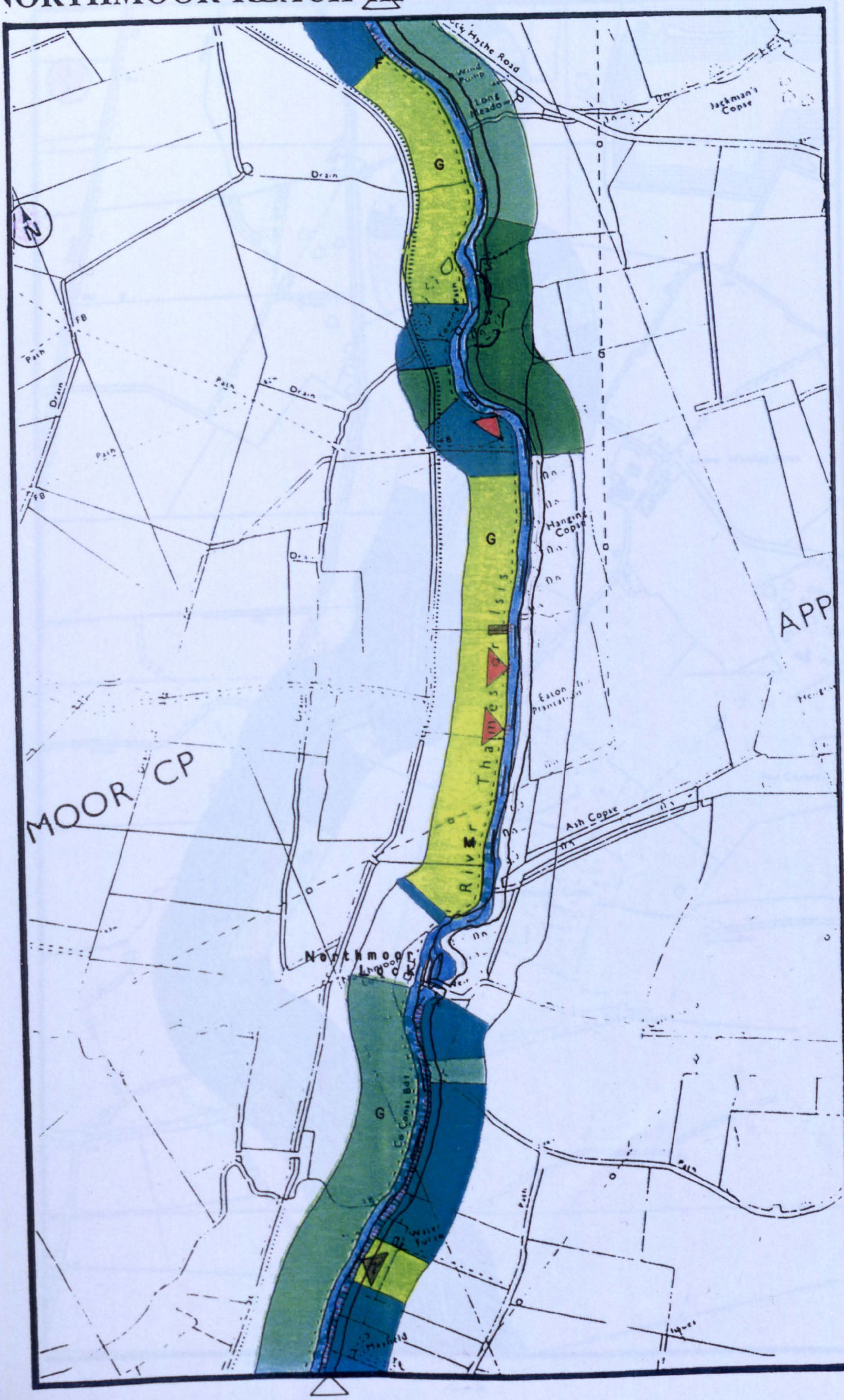
NORTHMOOR REACH II

NORTHMOOR REACH II



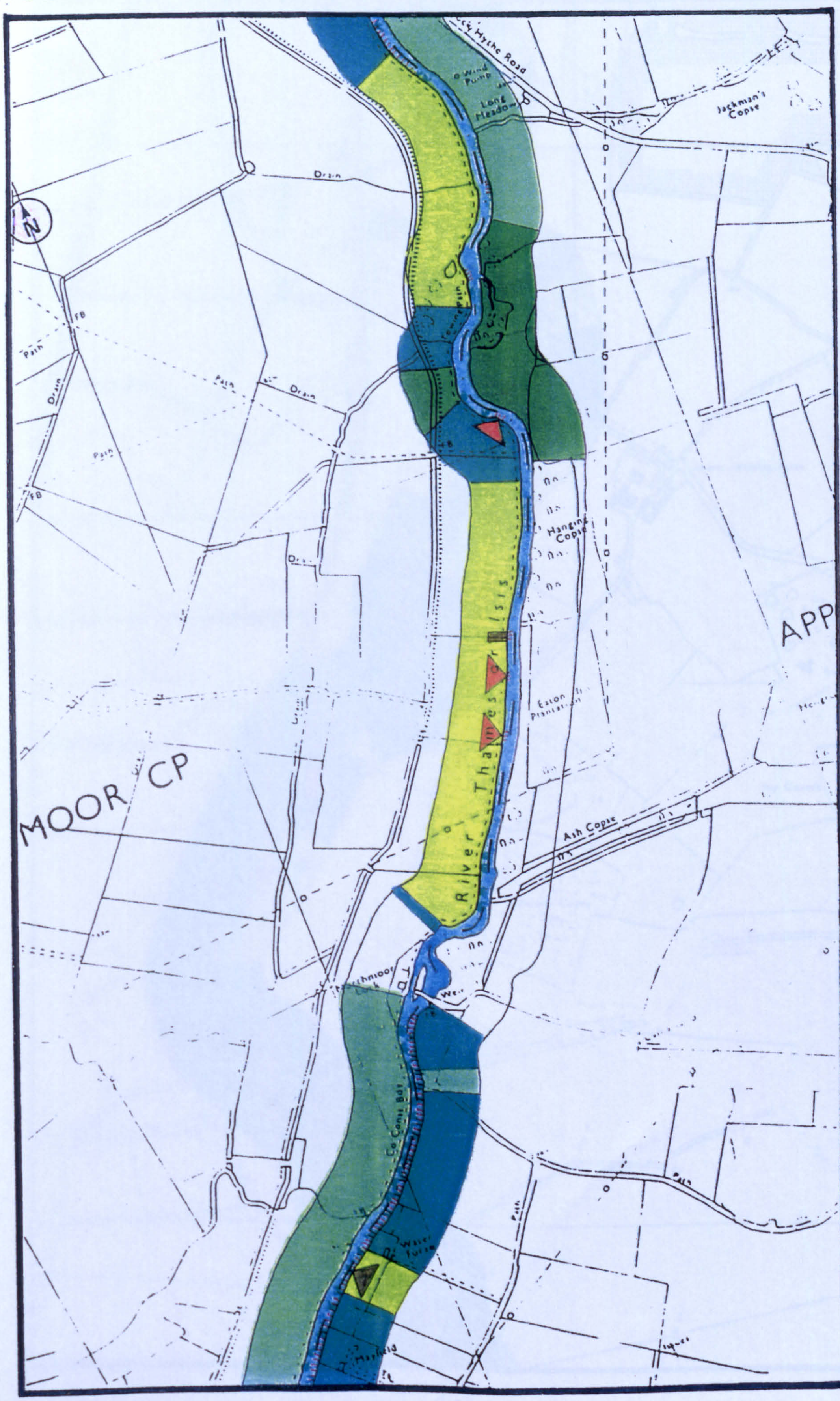

F
G
G
M
Northmoor
Lock
G

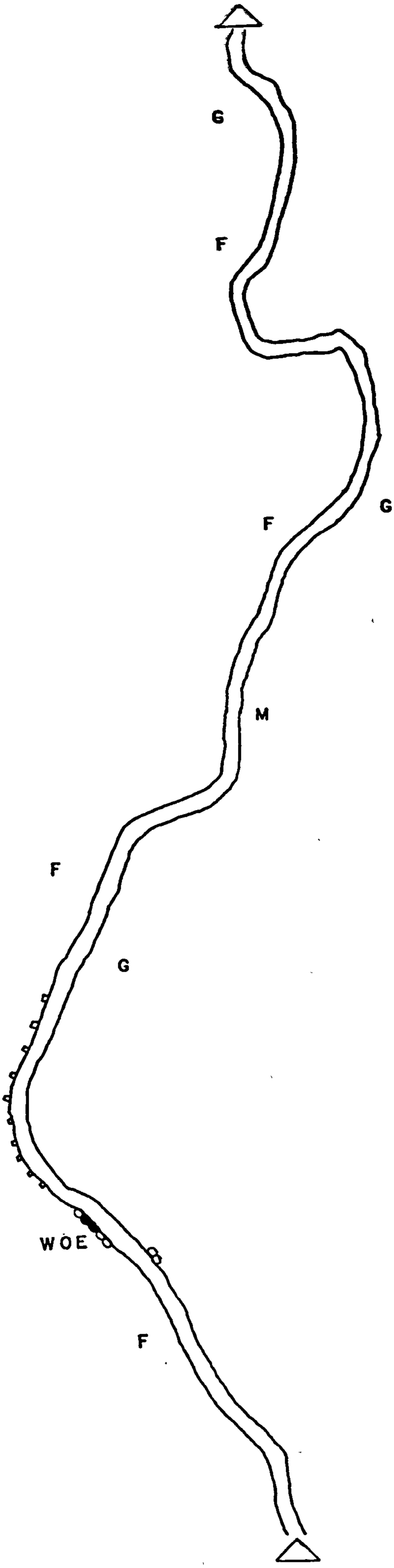
NORTHMOOR REACH III



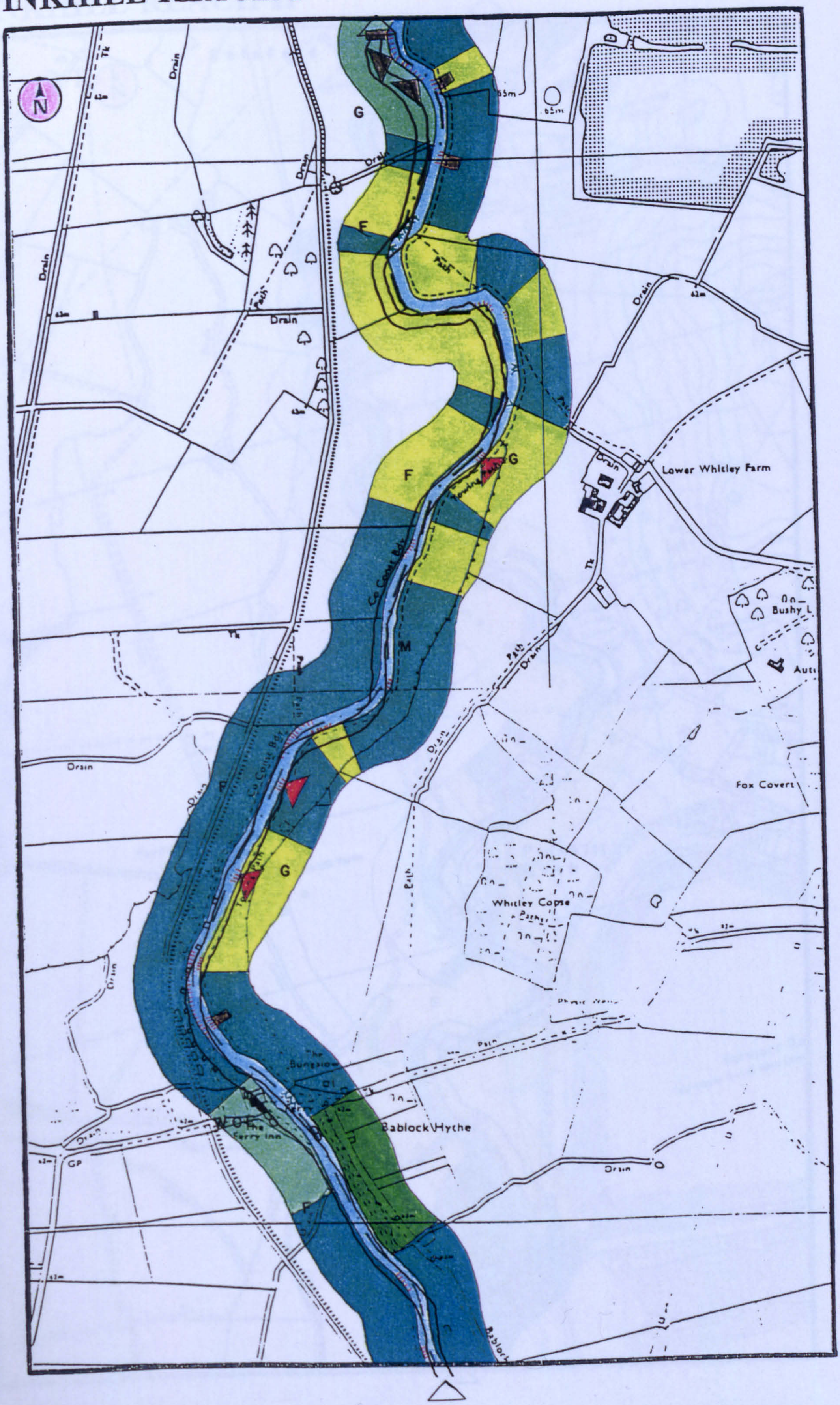
NORTHMOOR REACH III

10

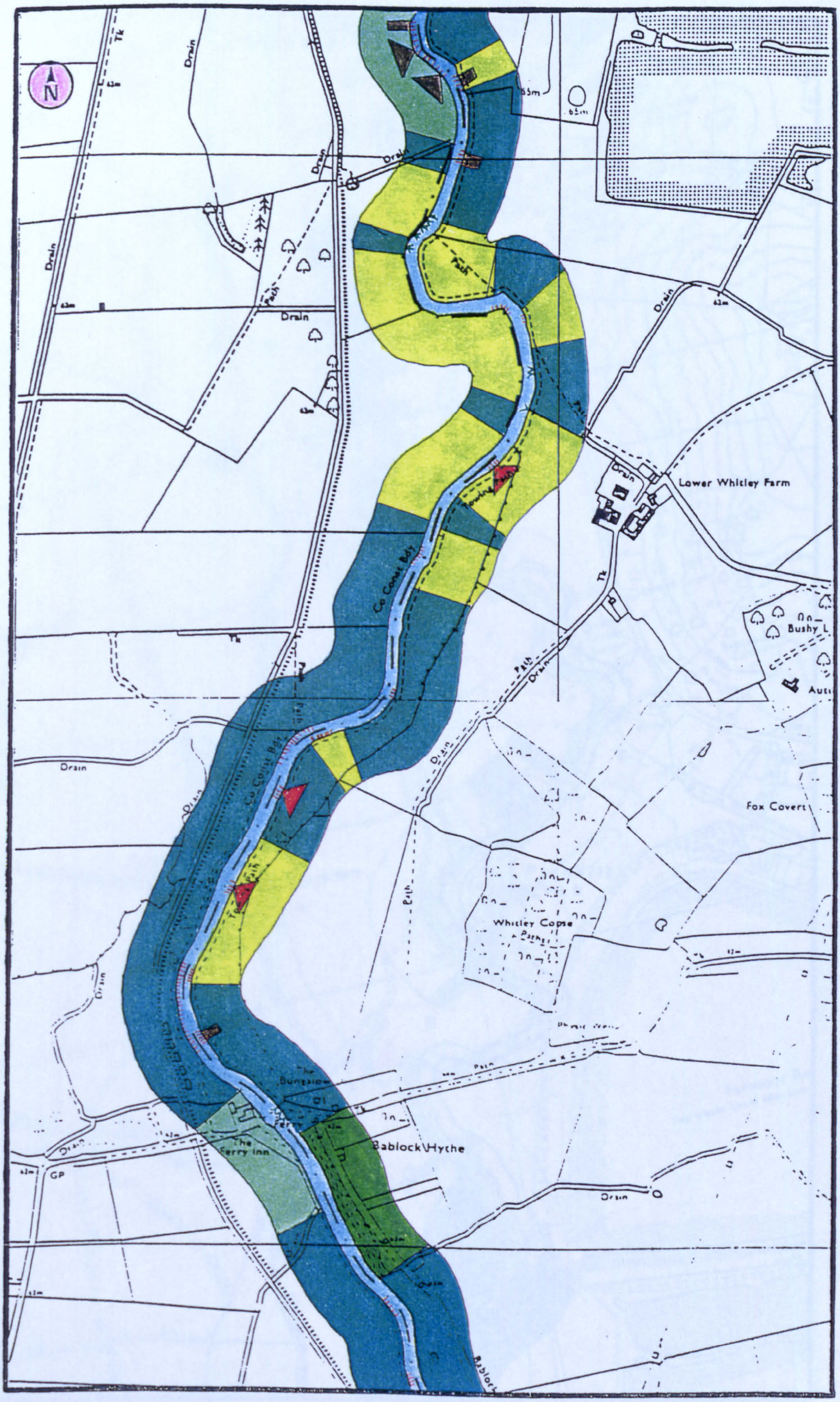


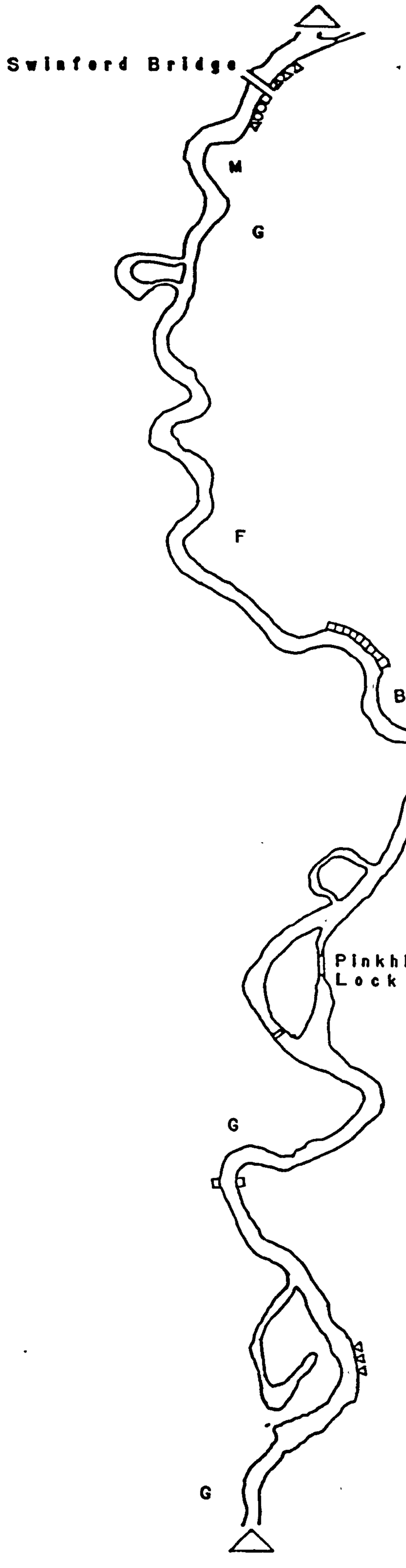

G
F
F
G
M
F
G
WOE
F

PINKHILL REACH I

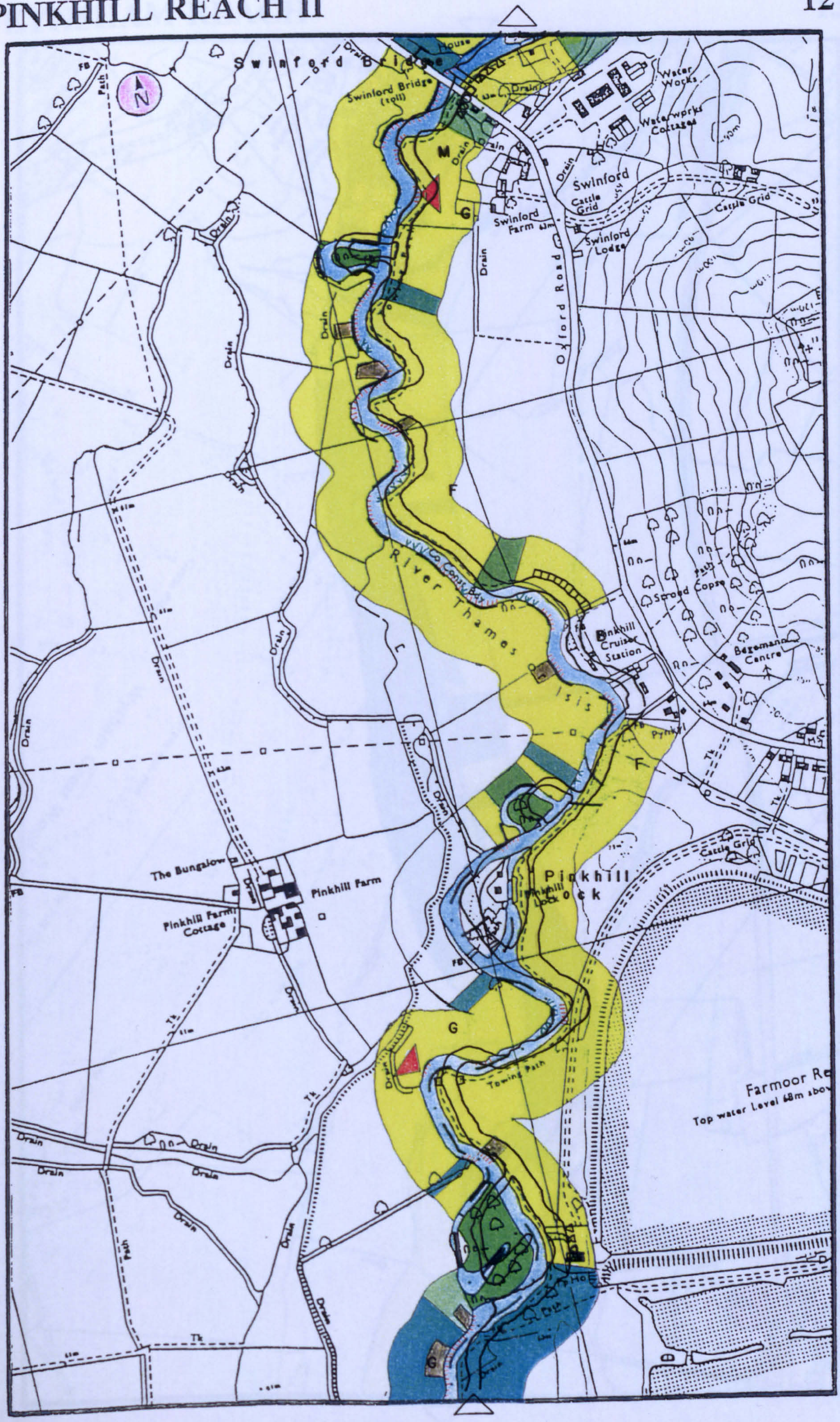


PINKHILL REACH I

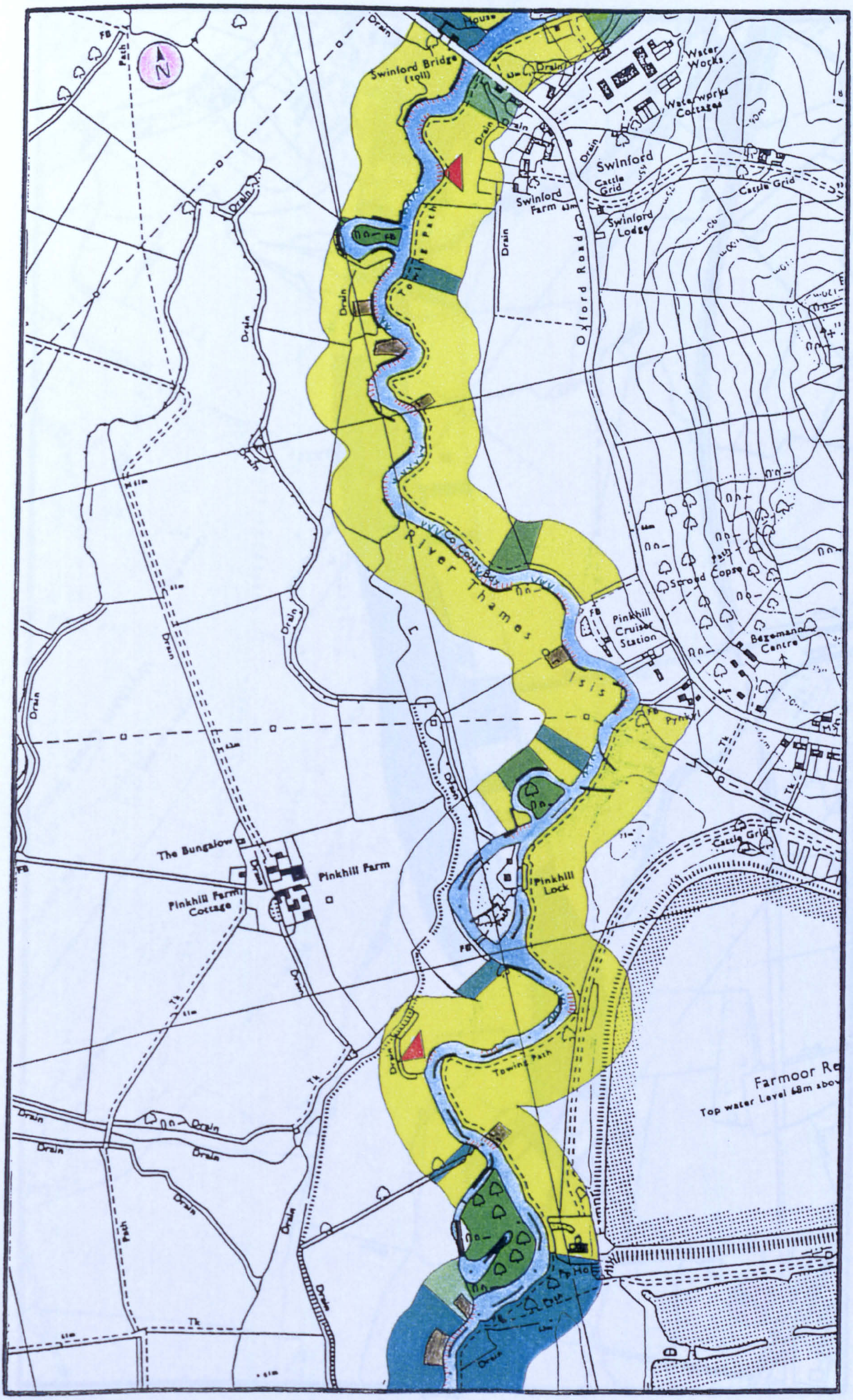


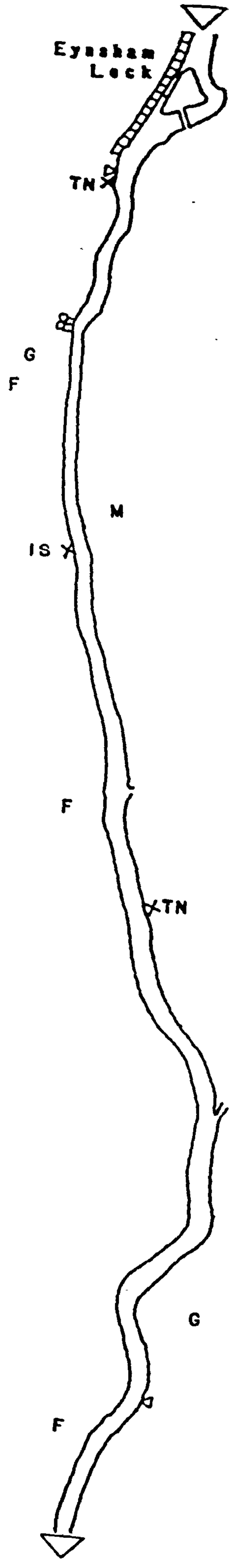

Swinford Bridge
M
G
F
B
F
Pinkhill
Lock
G
G

PINKHILL REACH II



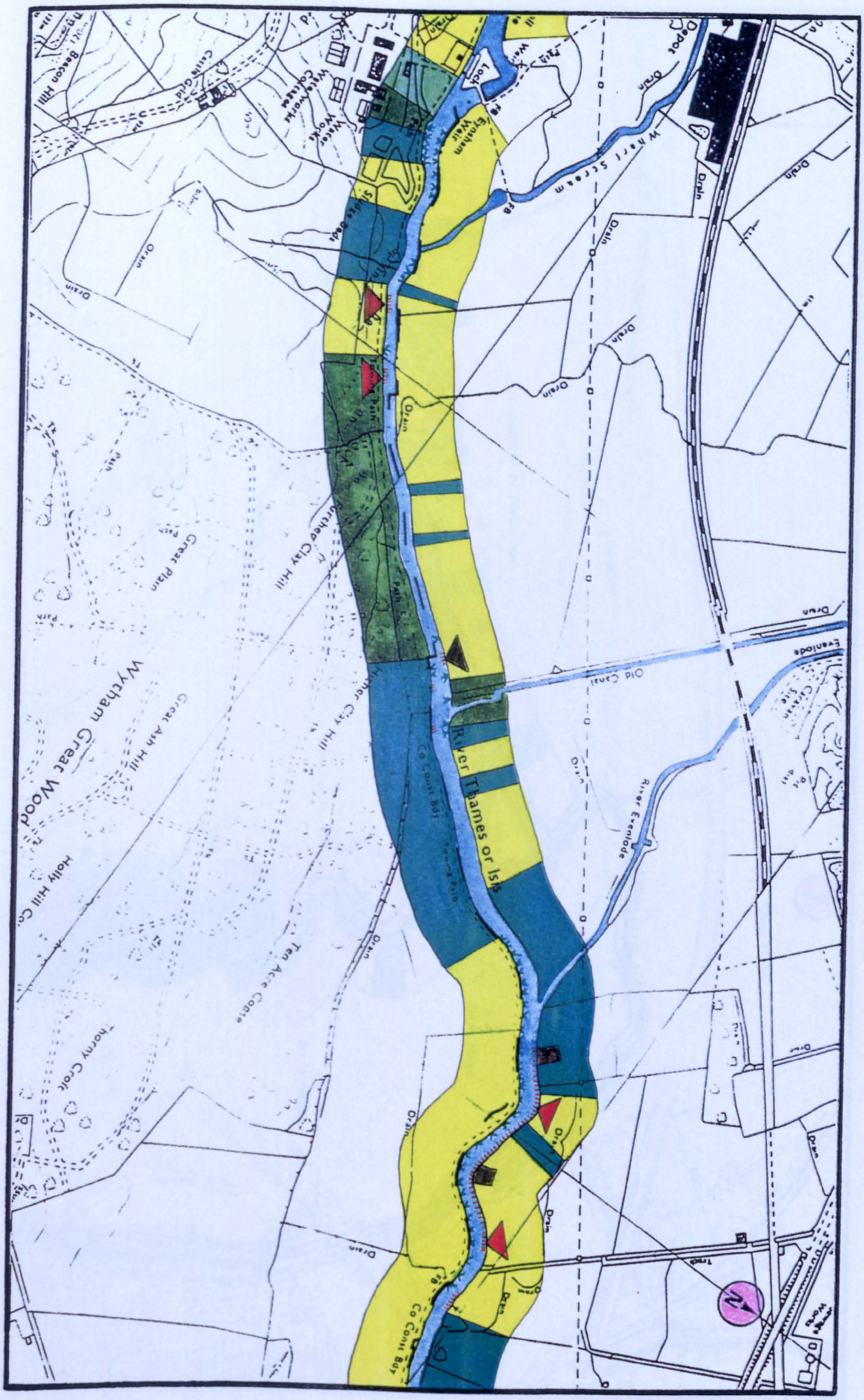
PINKHILL REACH II

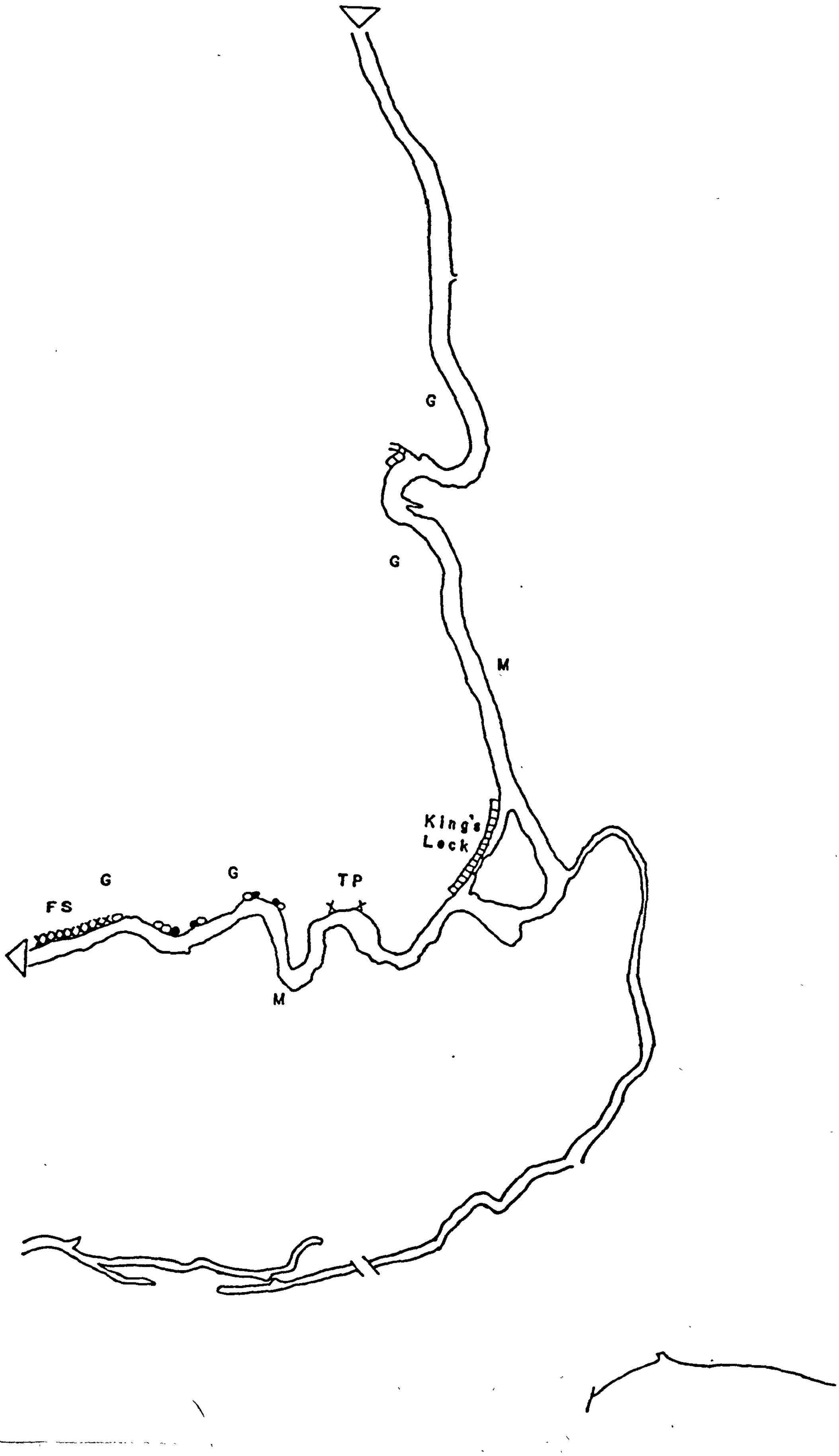



Eynsham
Lock
TN
G
F
M
IS
F
TN
G
F

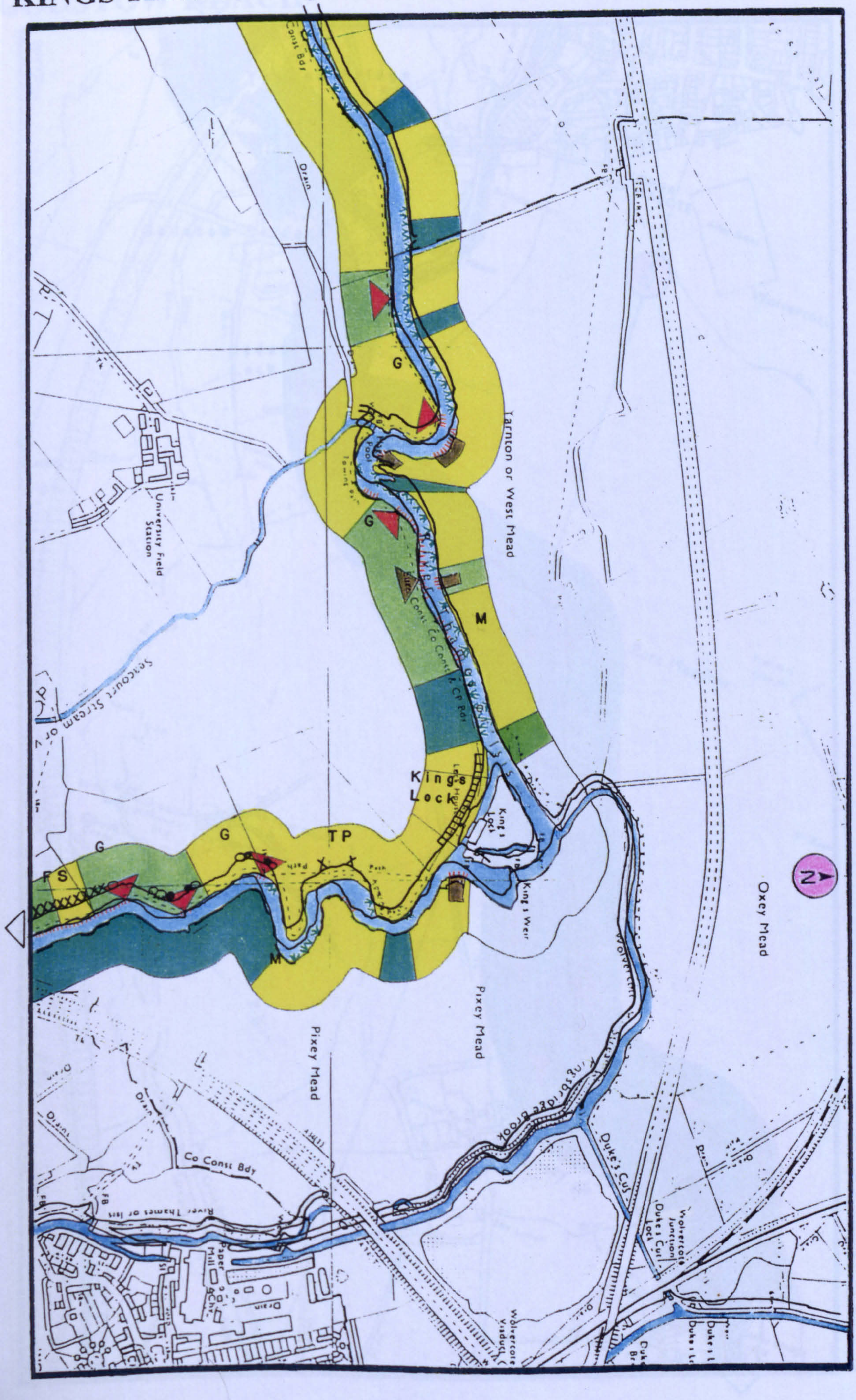
EYNSHAM REACH

EYNSHAM REACH

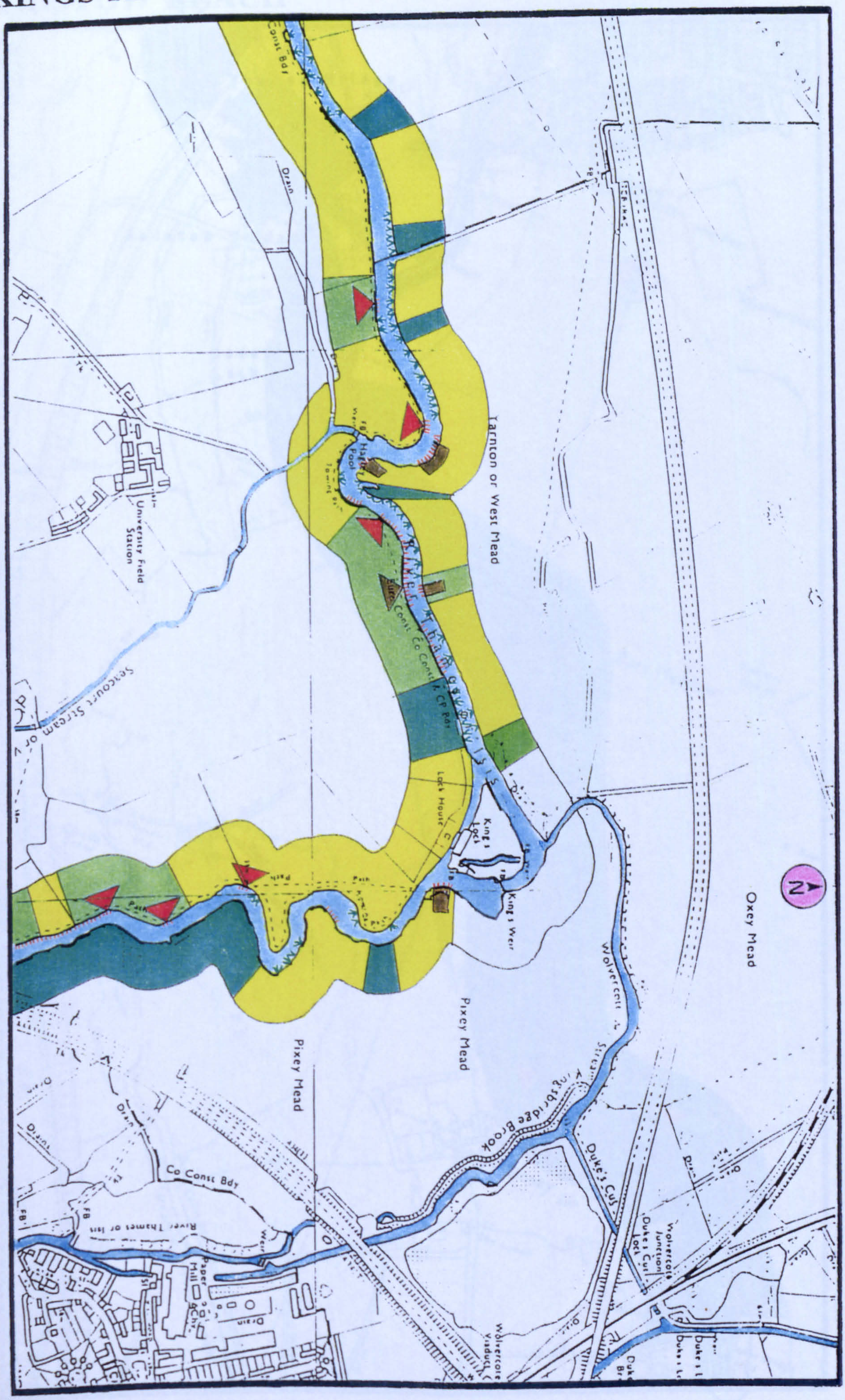


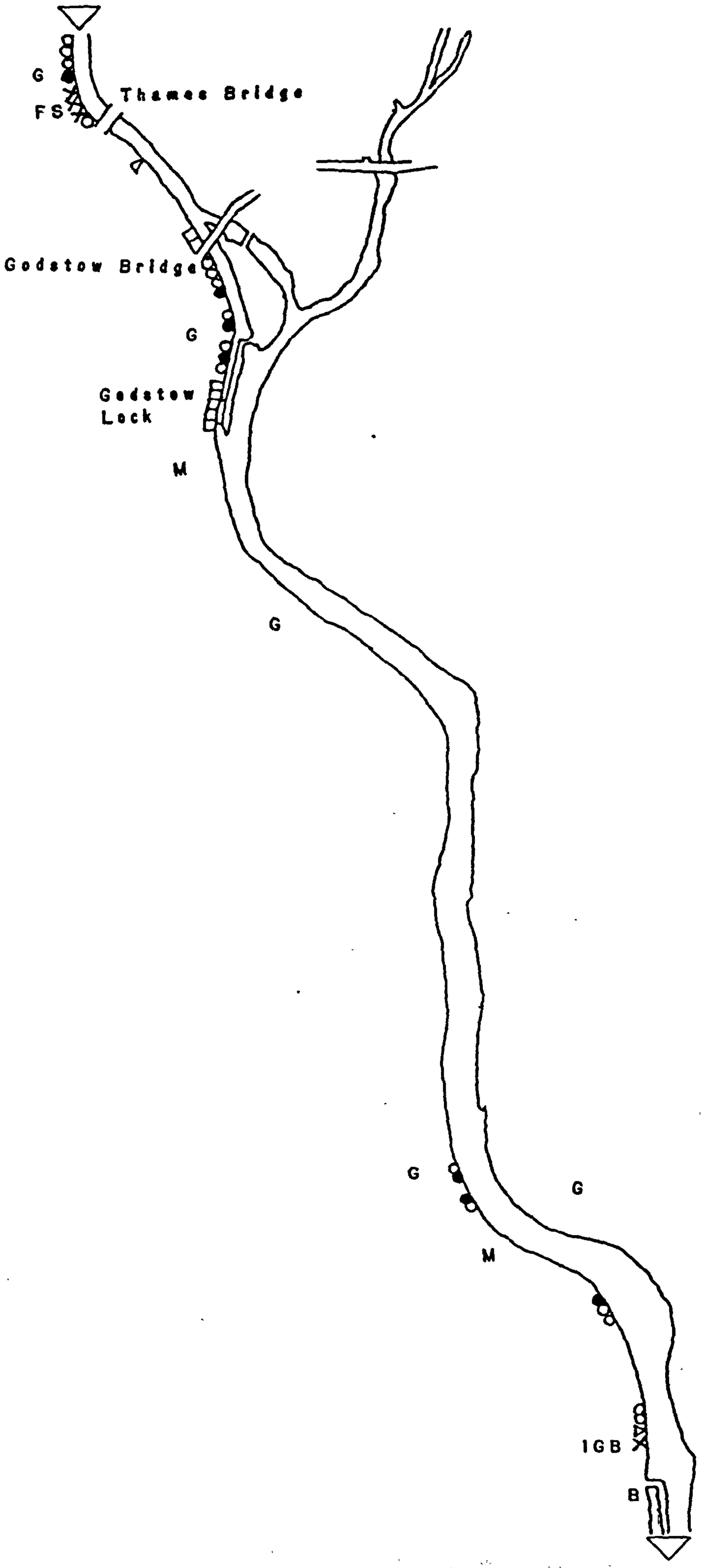

G
G
M
King's
Lock
FS
G
G
TP
M

KINGS REACH

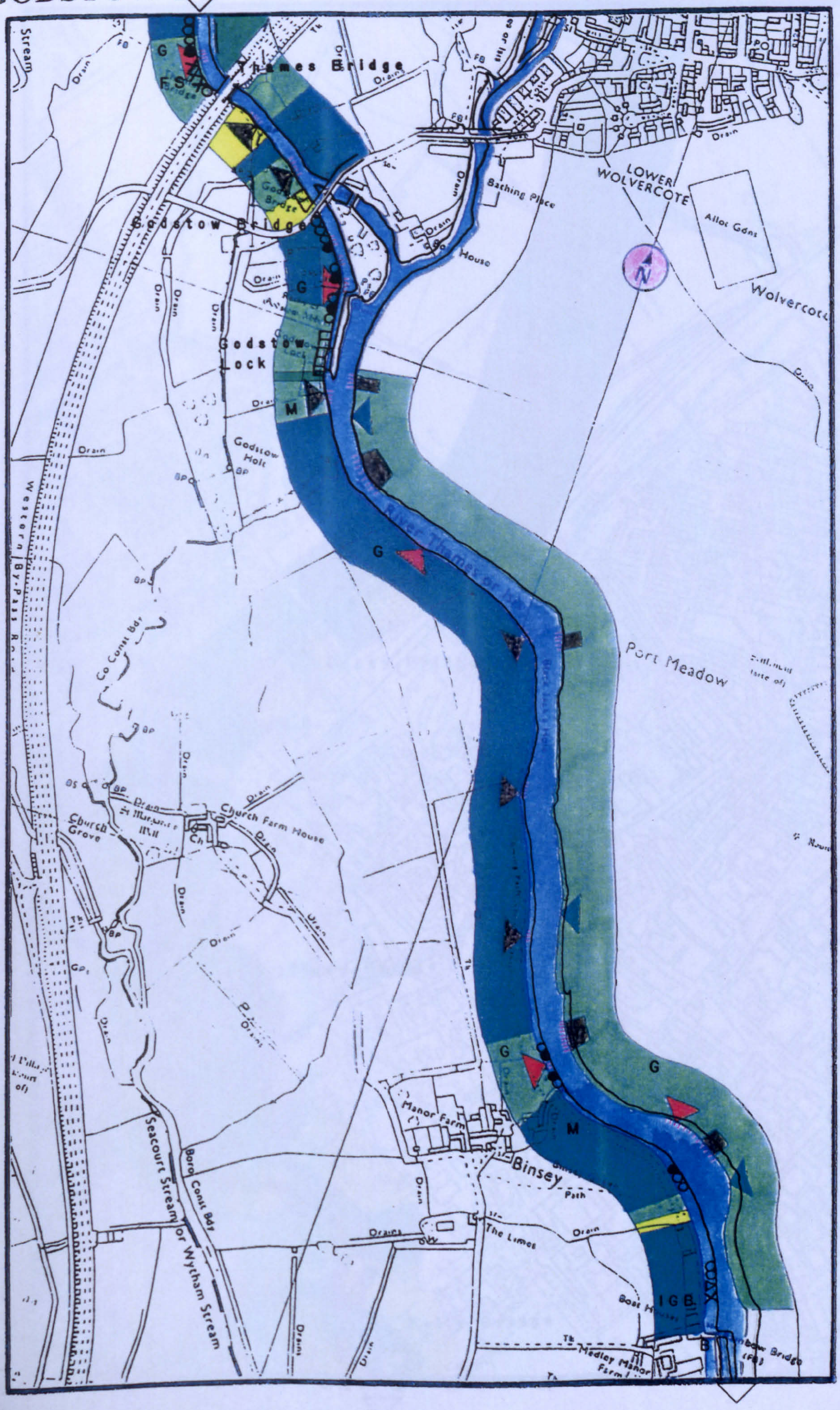

Co Const Bdy
Drain
Jarnton or West Mead
University Field Station
Scratcourt Stream or Ock
G
G
G
FS
TP
M
M
King's Lock
King's Lock
King's Weir
Oxey Mead
Pixey Mead
Pixey Mead
Co Const Bdy
Wolvercote Viaduct
Wolvercote Junction
Duke's Cut
Duke's Cut Lock
Duke's Cut
Wolvercote Backbrook
River Thames or Isis
Paper Mill
Weir
Drain
N

KINGS REACH

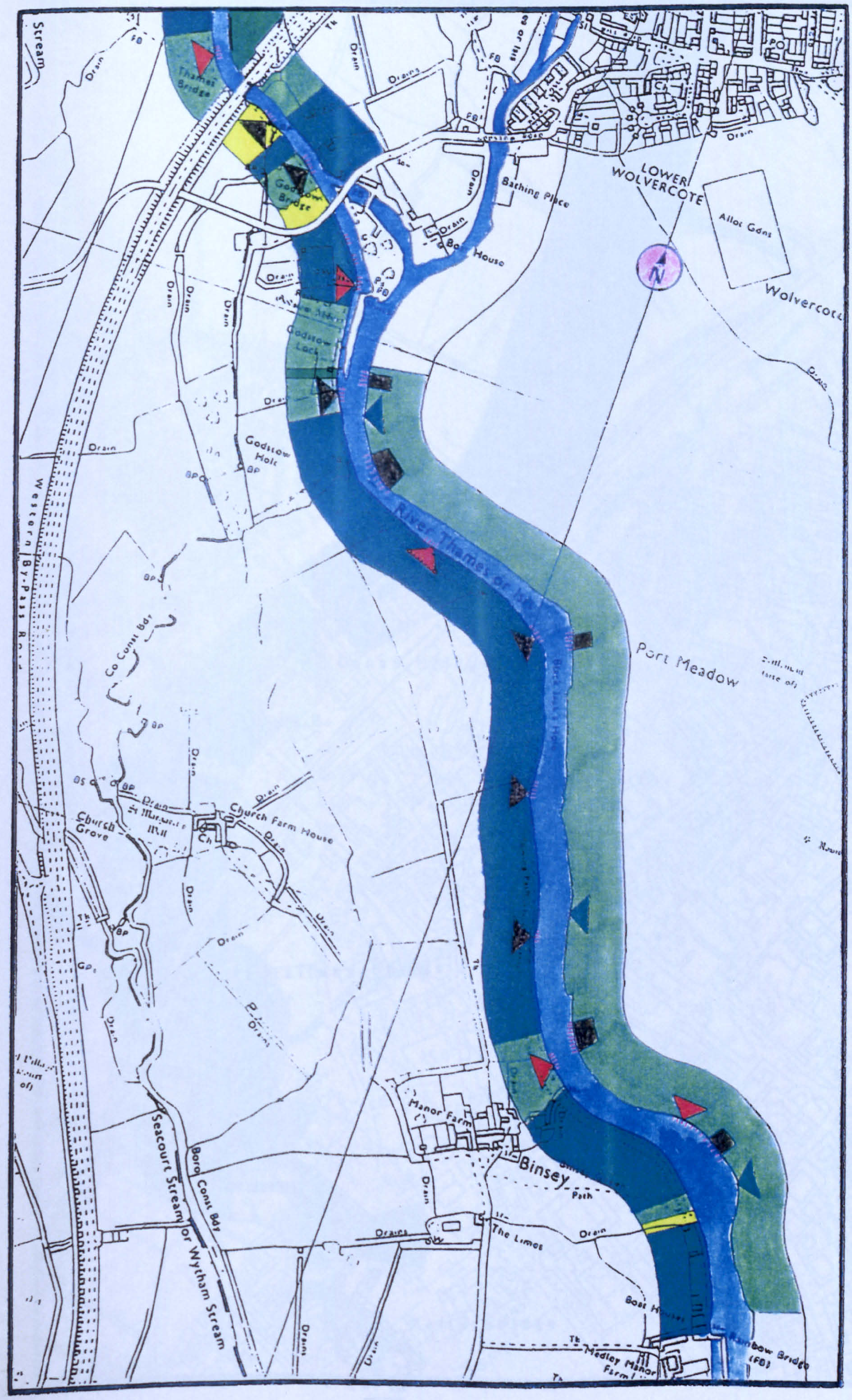

Tarnton or West Mead
Pixey Mead
Oxey Mead
University Field Station
Lock House
King's Lock
King's Weir
Duke's Cut
Wolvercote Junction
Wolvercote Viaduct
Sansbridge Brook
Co Const Bdy
Paper Mill Lock
Drain
Weir
Path
N

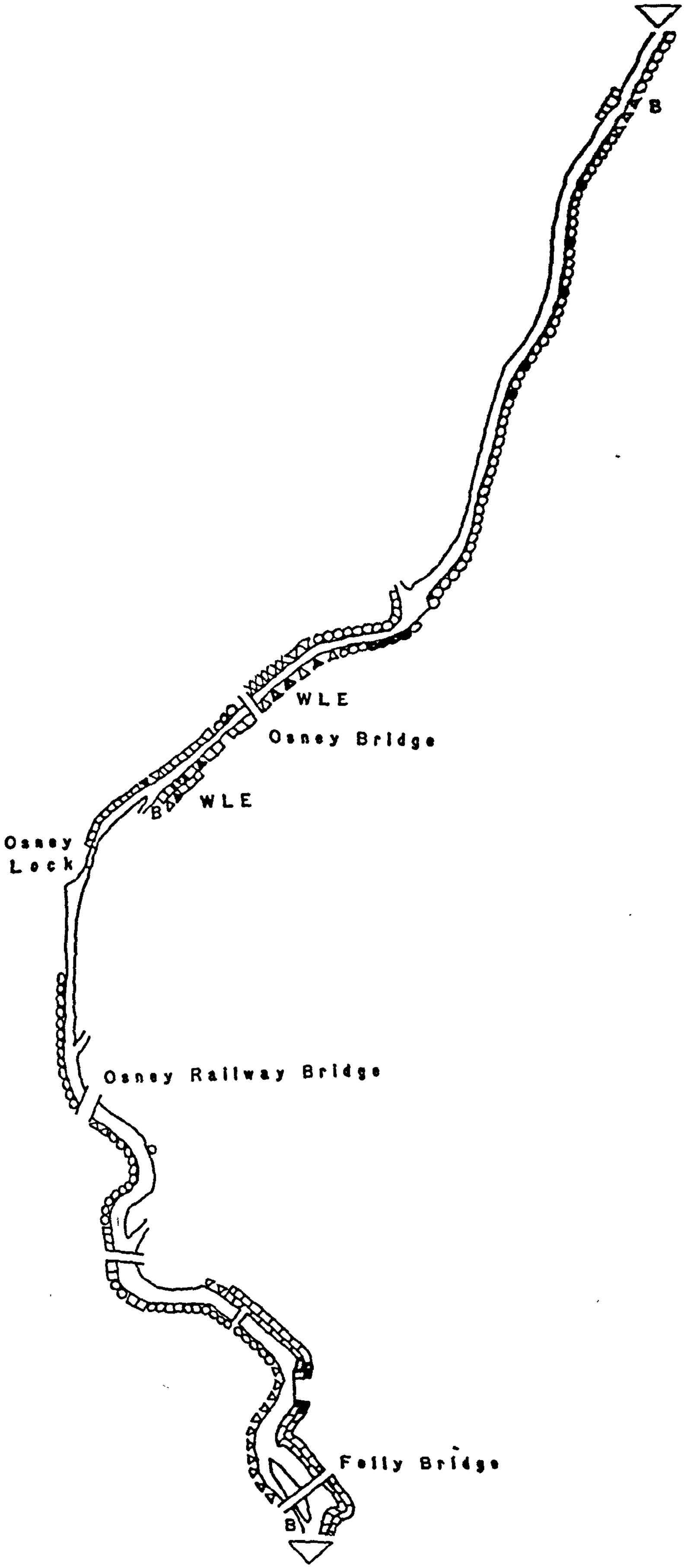

G
FS
Thames Bridge
Godstow Bridge
G
Godstow
Lock
M
G
G
M
IGB
B

GODSTOW REACH



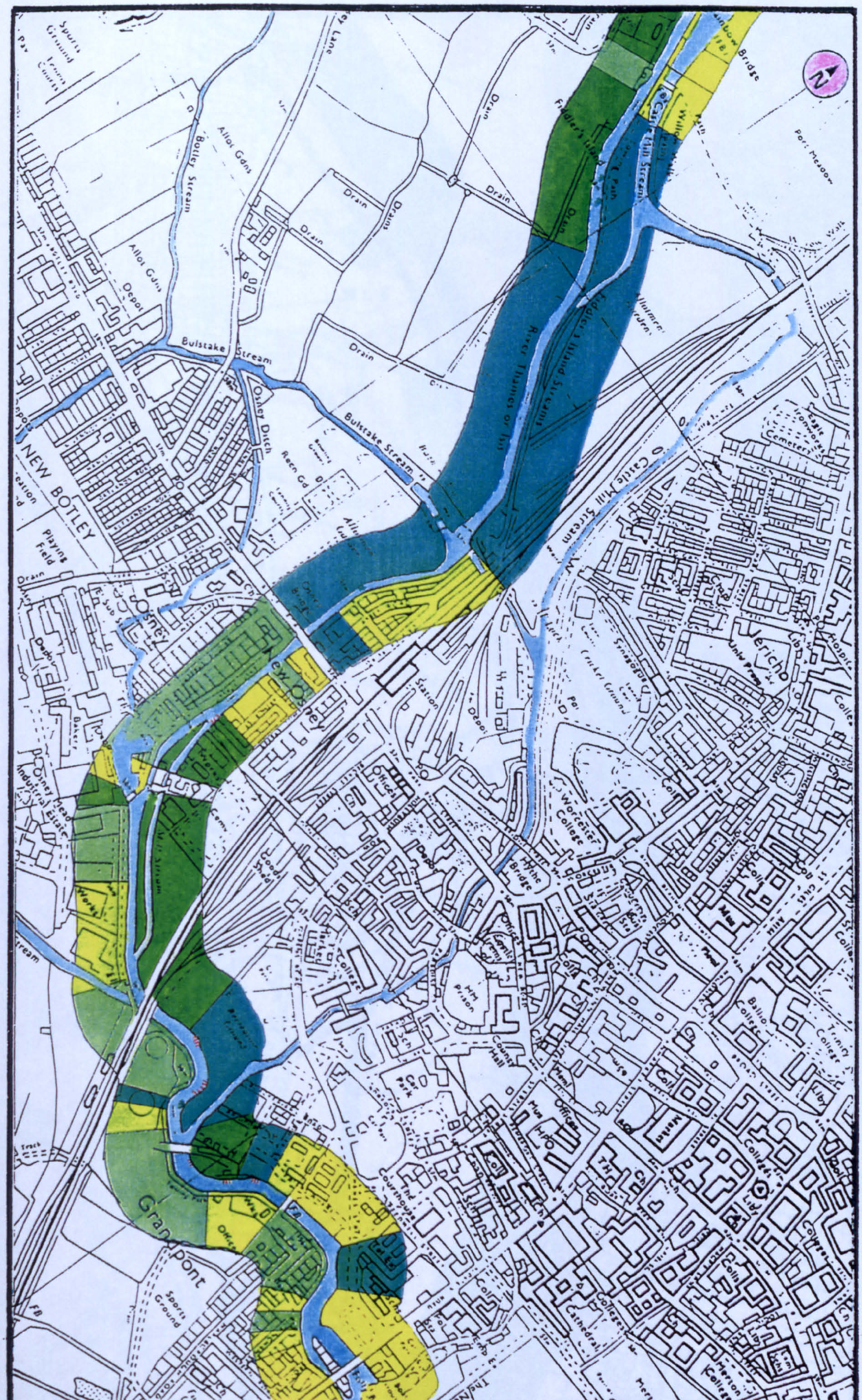
GODSTOW REACH

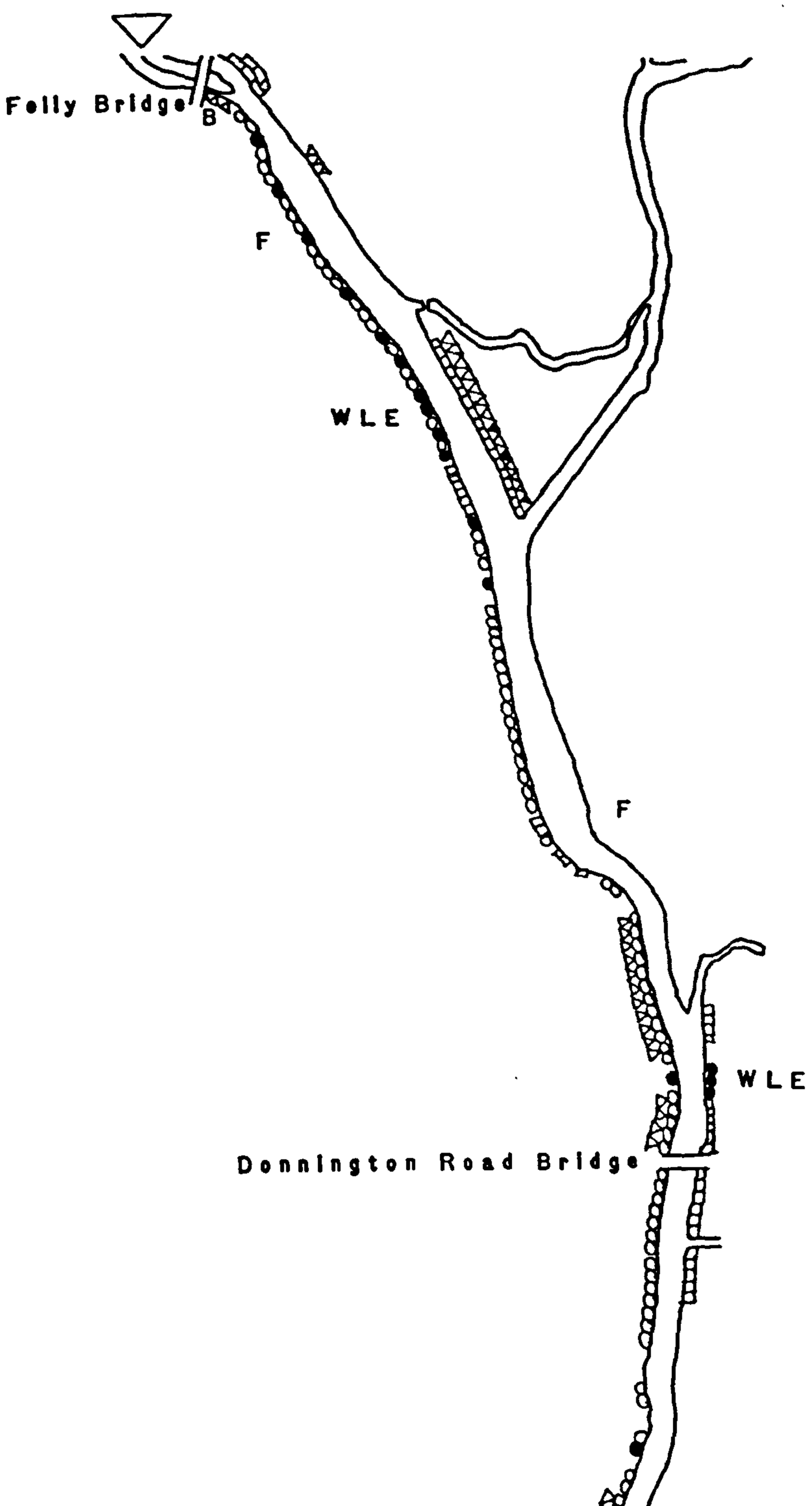



B
WLE
Osney Bridge
WLE
Osney
Lock
Osney Railway Bridge
Folly Bridge

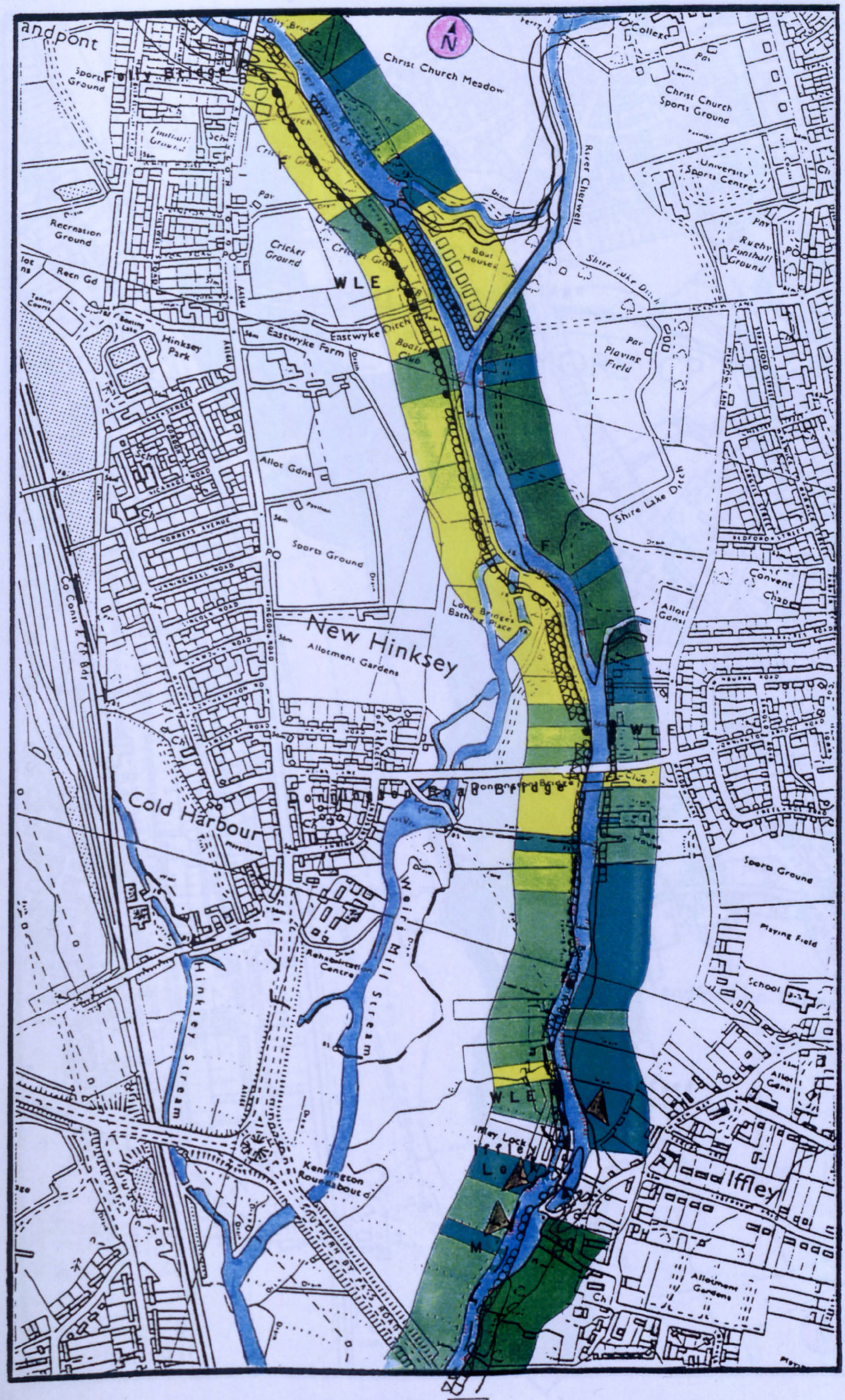
OSNEY REACH

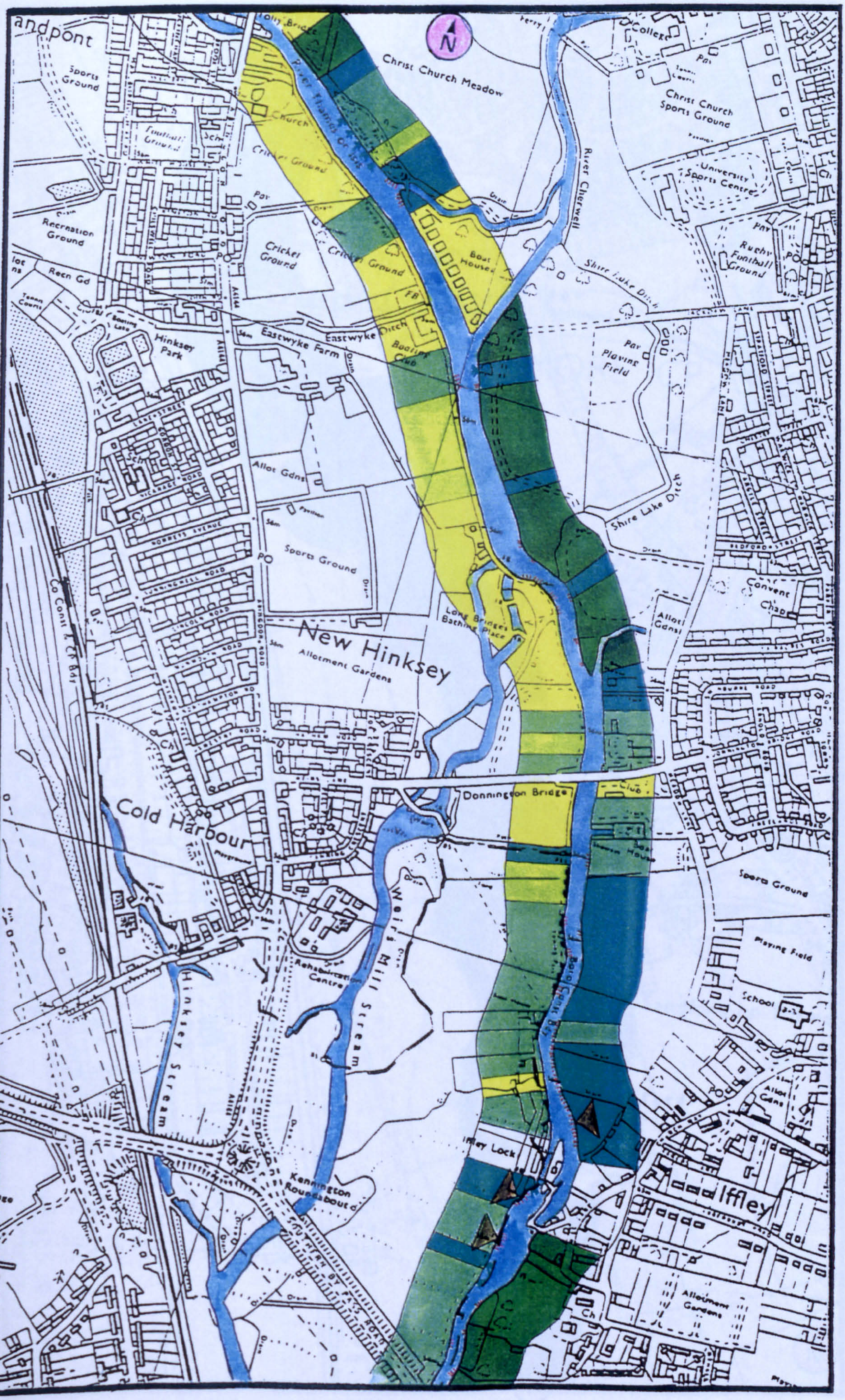
16

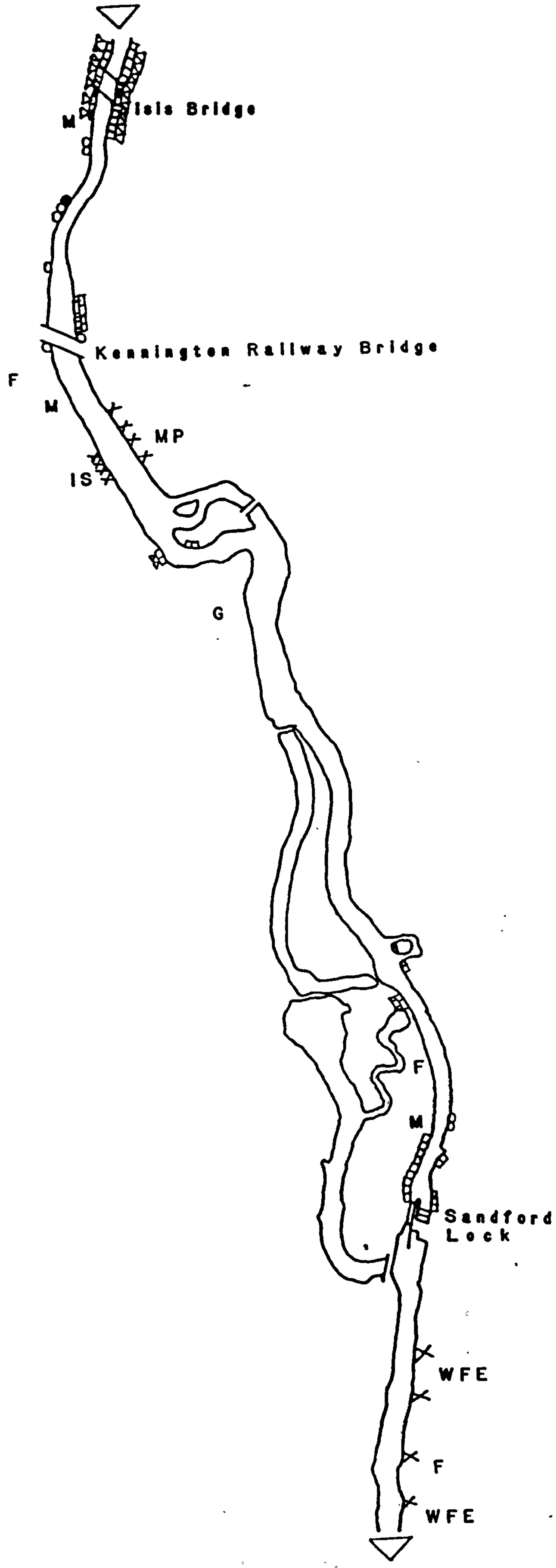

Bulstake Stream
Botley Stream
Allot Gdns
Depot
Drain
Drains
Osney Ditch
Recn Gd
NEW BOTLEY
Playing Field
Fiddler's Island
Castle Mill Stream
Fiddler's Island Streams
River Thames or Isis
Allotment Gardens
Port Meadow
Bridge
Cemetery
Ironworks
Jericho
Univ Press
Synagogue
Cricket Ground
Station
Worcester College
Hythe Bridge
Osney
New Osney
Works
Osney Mead Industrial Estate
Goods Shed
College
HM Prison
County Hall
Car Park
Courthouse
Grandpont
Sports Ground
Balliol College
Trinity College
Market
Offices
Mus
Cathedral
Merton College
Colleges
Stream


Folly Bridge
B
F
WLE
F
WLE
Donnington Road Bridge
WLE
Iffley
Lock
M

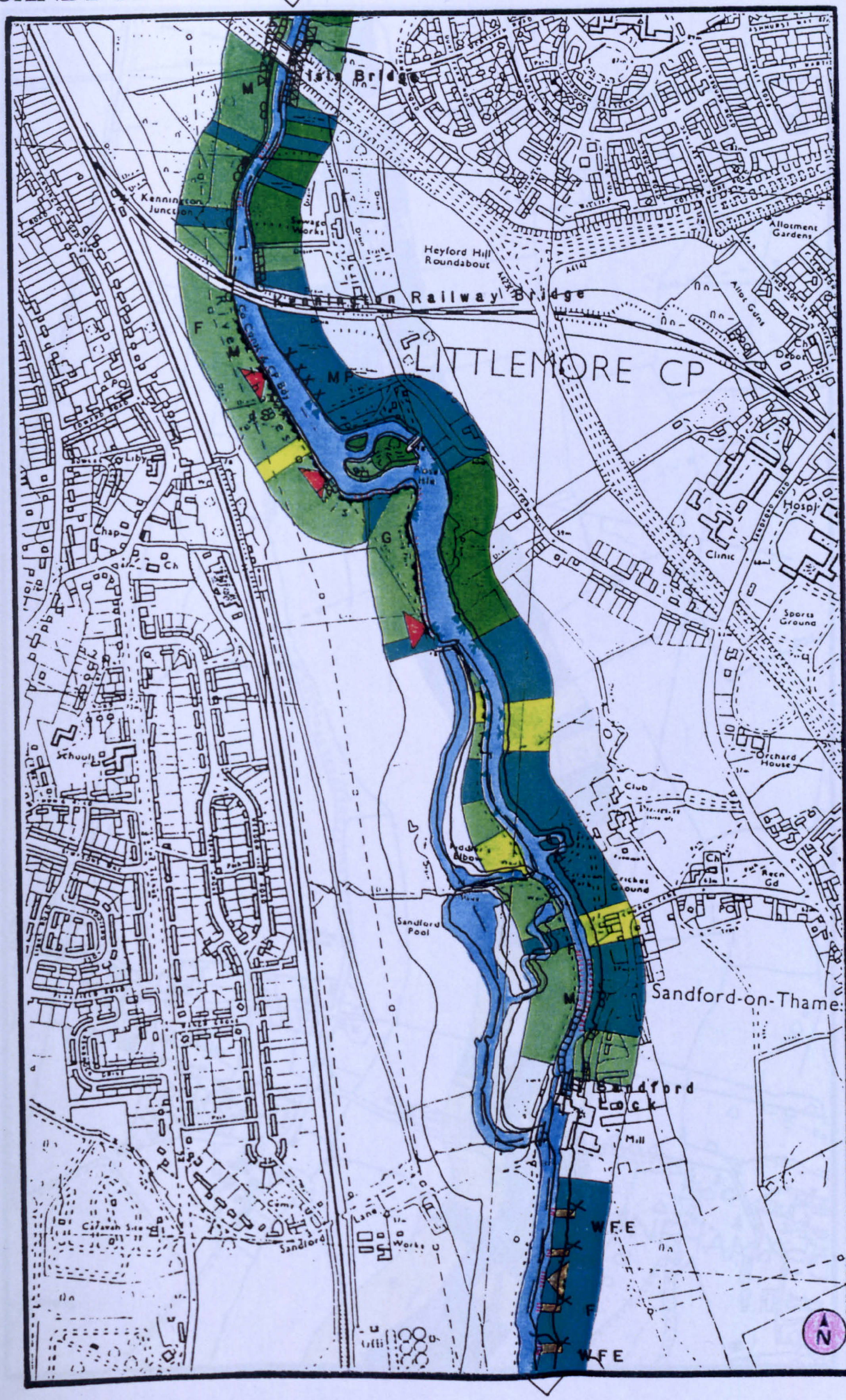
IFFLEY REACH



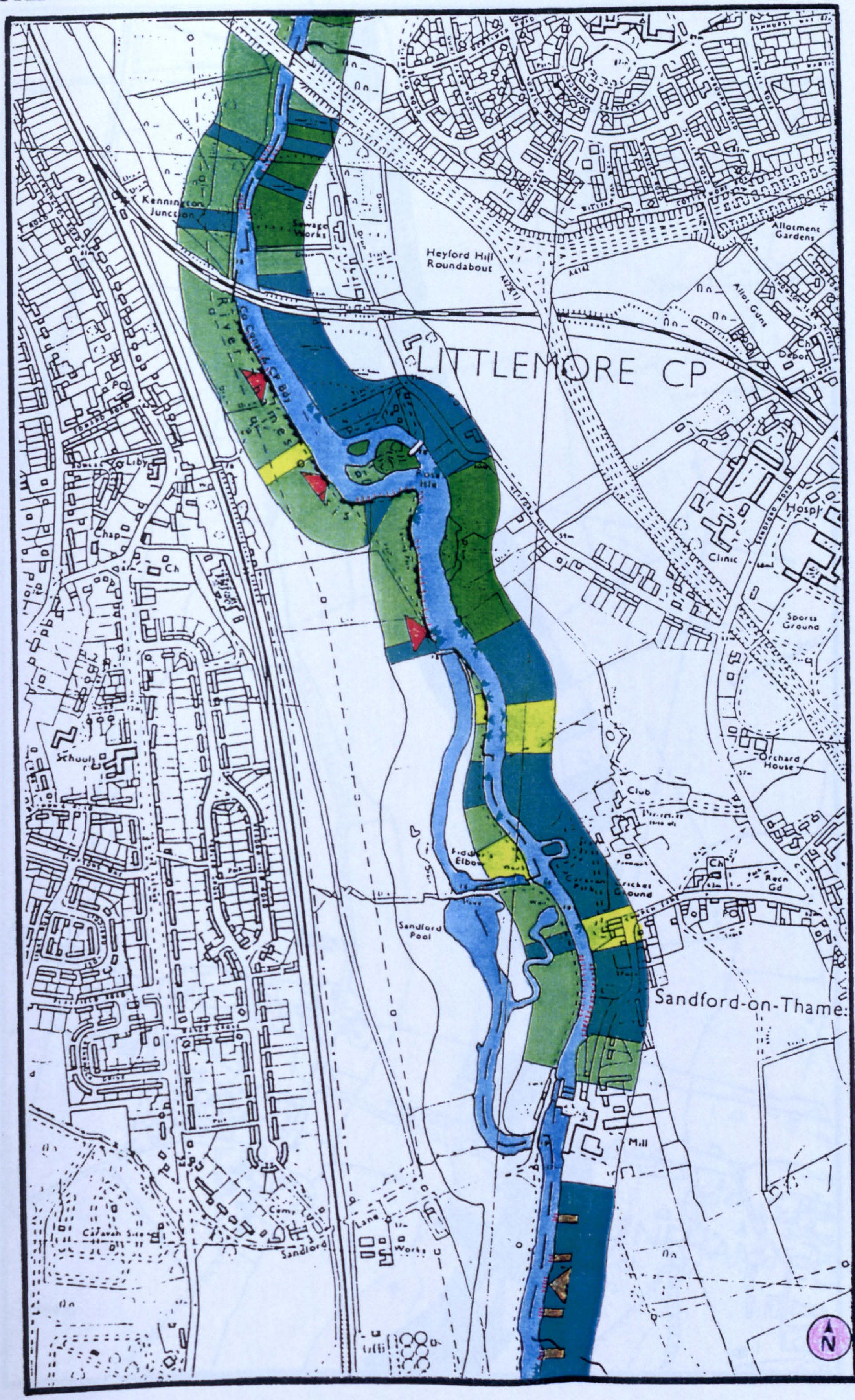

Christ Church Meadow
Christ Church Sports Ground
University Sports Centre
Rugby Football Ground
Par Playing Field
Shire Lake Ditch
River Cherwell
River Thames Or Isis
Eastwyke Farm
Eastwyke Ditch
Hinksey Park
Recreation Ground
Cricket Ground
Allot Gdns
Sports Ground
New Hinksey
Allotment Gardens
Long Bridges Bathing Place
Boat House
Convent
Donnington Bridge
Cold Harbour
Weirs Mill Stream
Hinksey Stream
Rehabilitation Centre
Iffley Lock
Iffley
Allotment Gardens
Kennington Roundabout
Bedford Street
Abingdon Road
Oxford Road
Lake Street
Victoria Road
Lincoln Road
Harcourt Road
Bedford Street
Pavilion
Club
School
Playing Field


Isis Bridge
M
Kennington Railway Bridge
F
M
MP
IS
G
F
M
Sandford
Lock
WFE
F
WFE

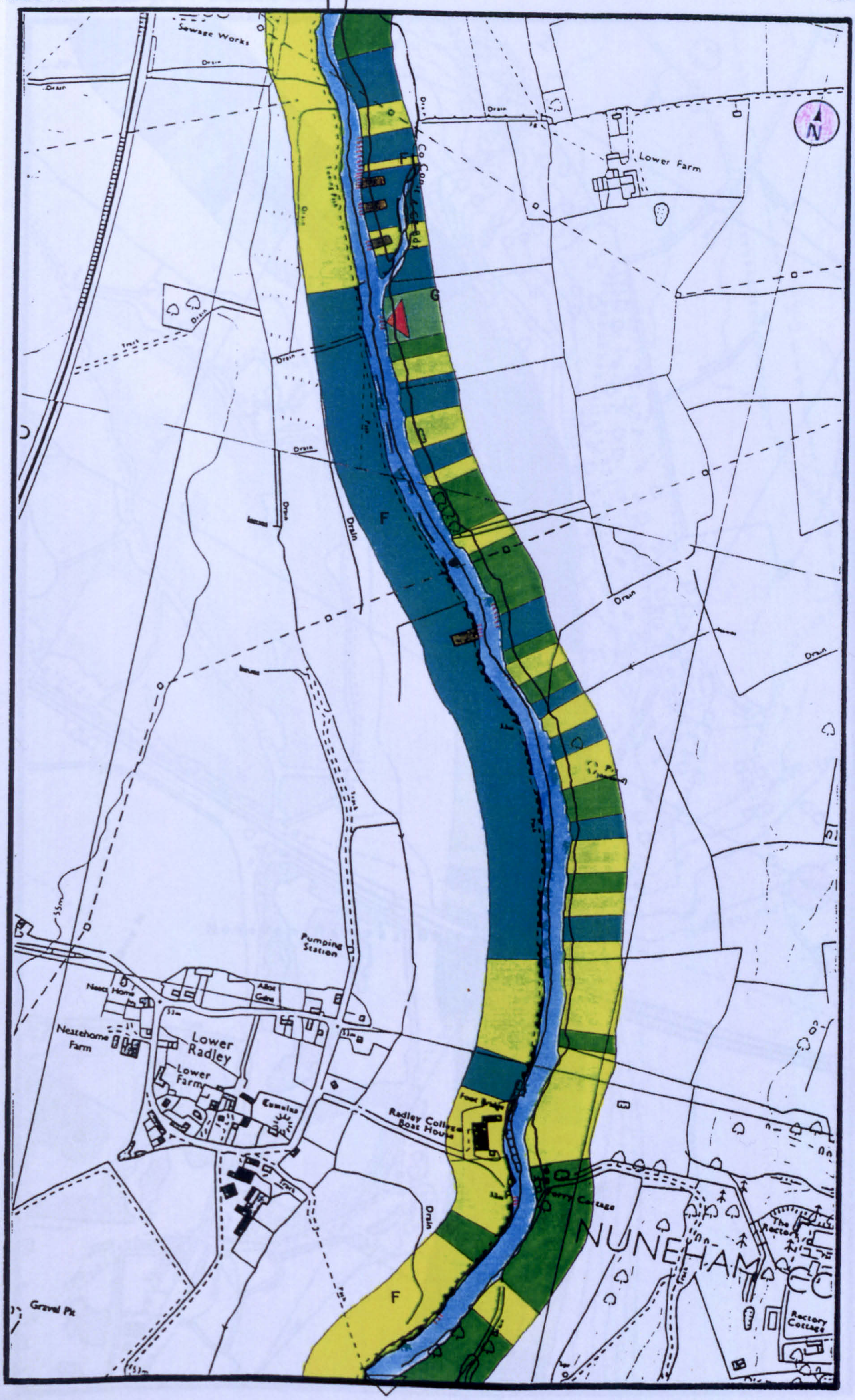
SANDFORD REACH



SANDFORD REACH

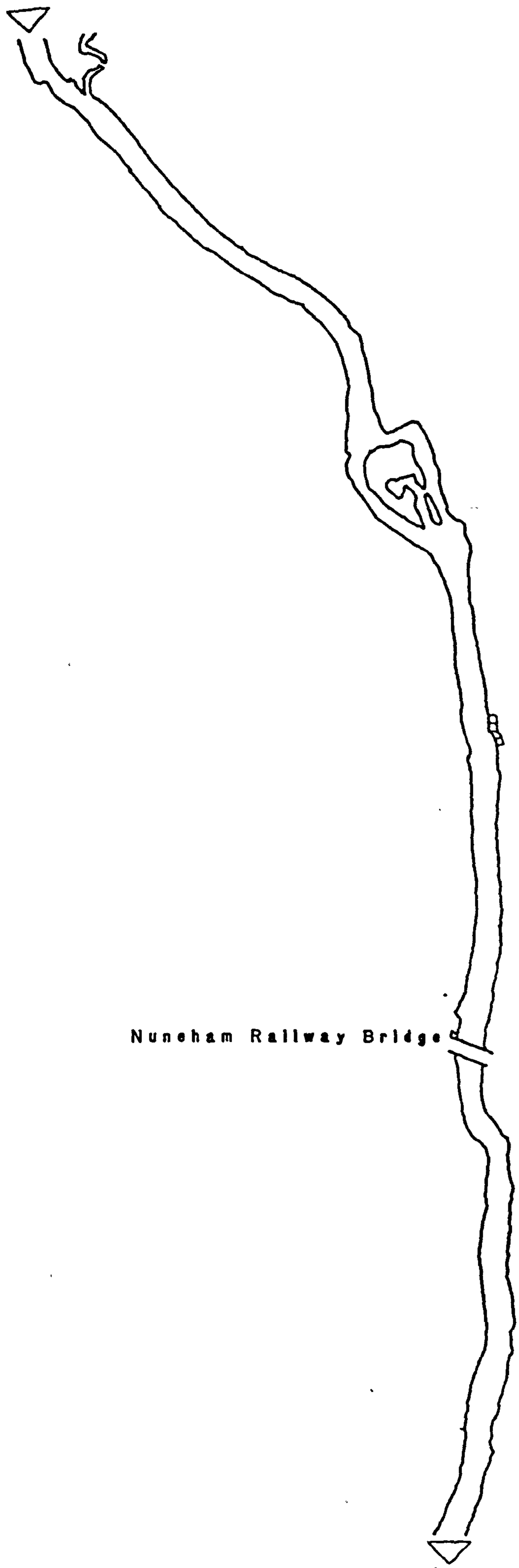


F
G
F
F

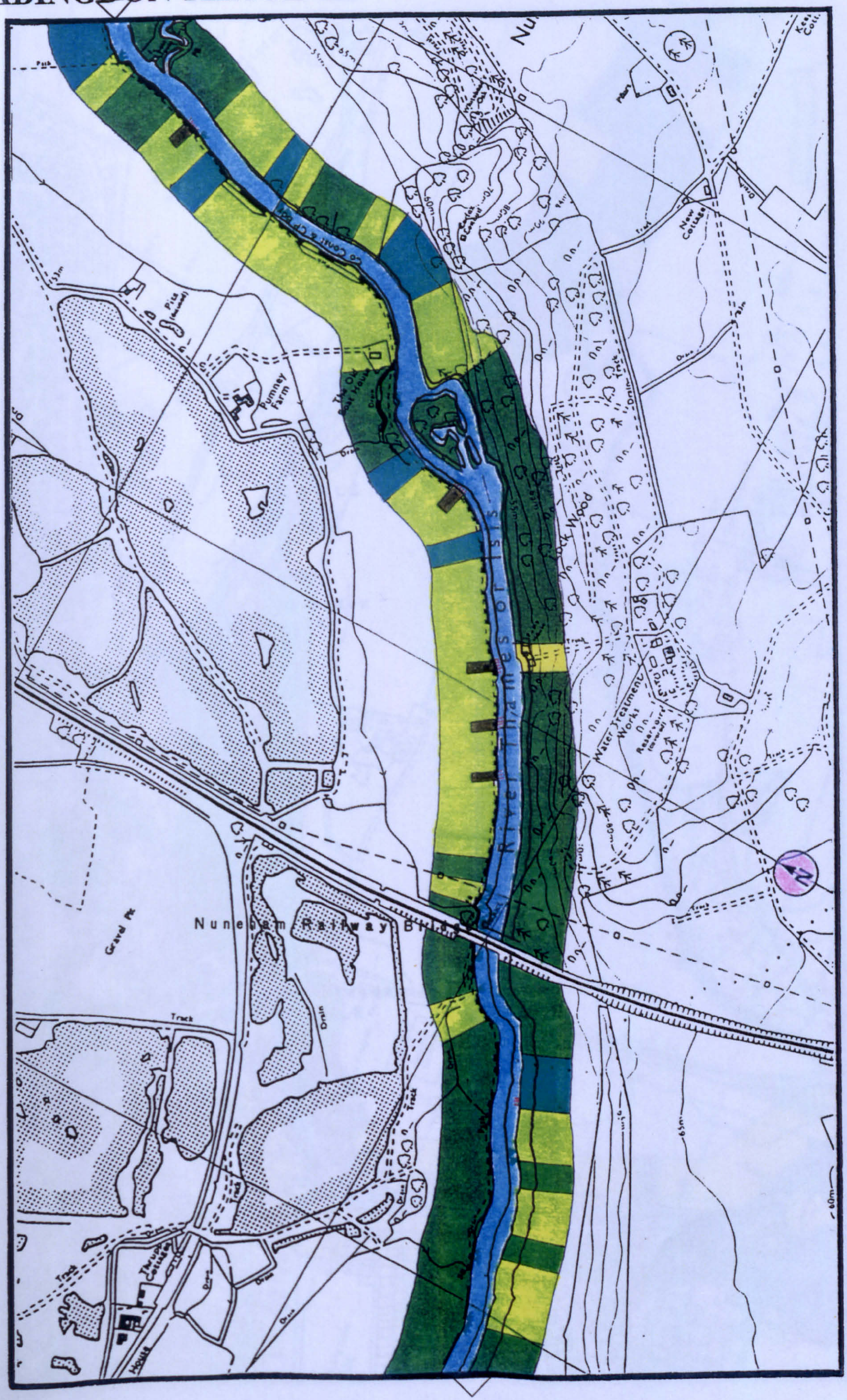

Sewage Works
Drain
Lower Farm
N
F
G
Pumping Station
Nesse Home
Nesstehome Farm
Lower Radley
Lower Farm
Radley College Boat House
Gravel Pit
NUNEHAM

DON REACH I

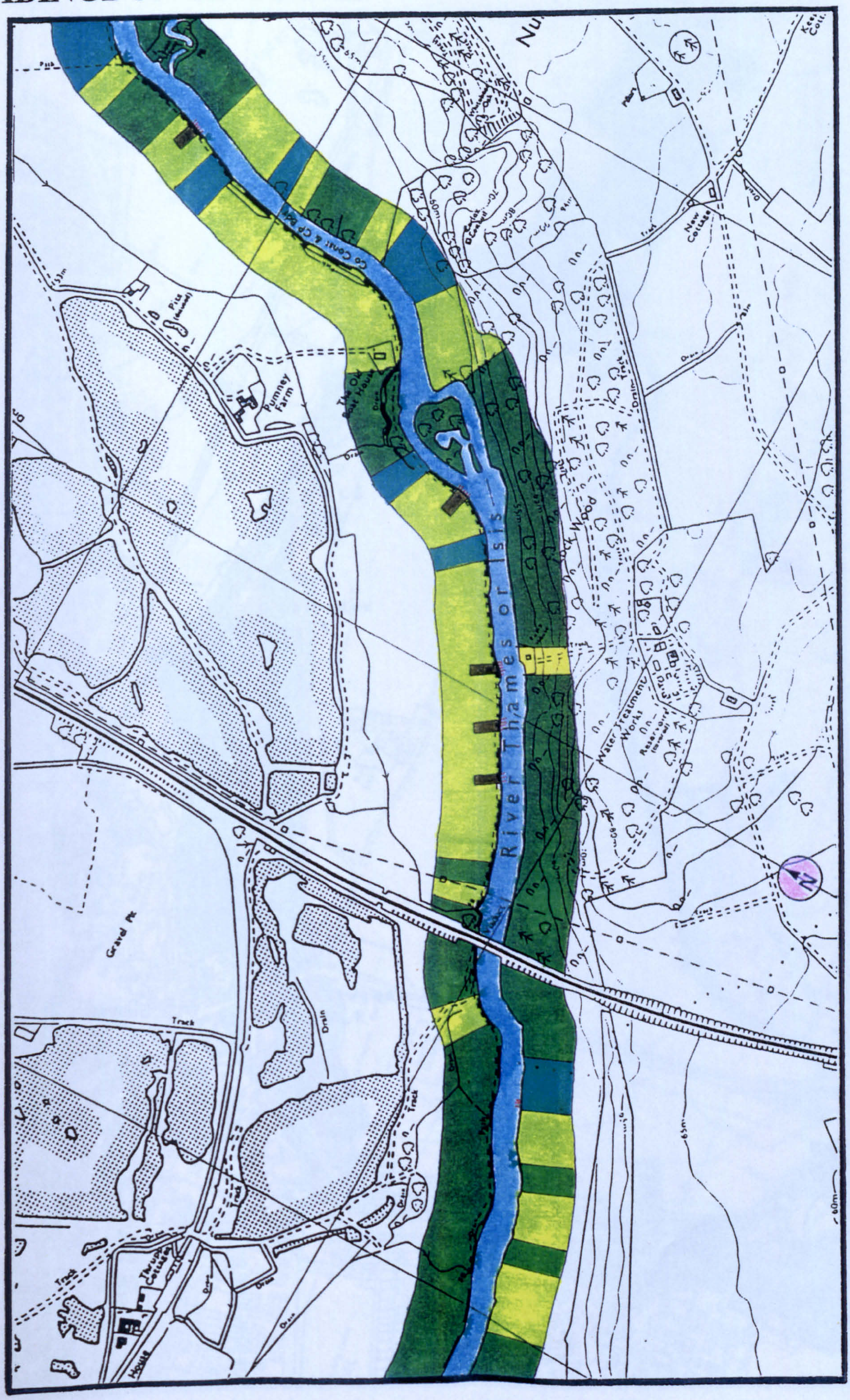
N
Sewage Works
Drain
Lower Farm
Co Const & Cl Bdy
Drain
Drain
Drain
Drain
Drain
Drain
Drain
Pumping Station
Abbot Cotts
Nazeh Home
Lower Radley
Neatehome Farm
Lower Farm
Cemetery
Ford
Radley College Boat House
Ferry Cottage
NUNEHAM CC
The Rectory
Rectory Cottage
Gravel Pit

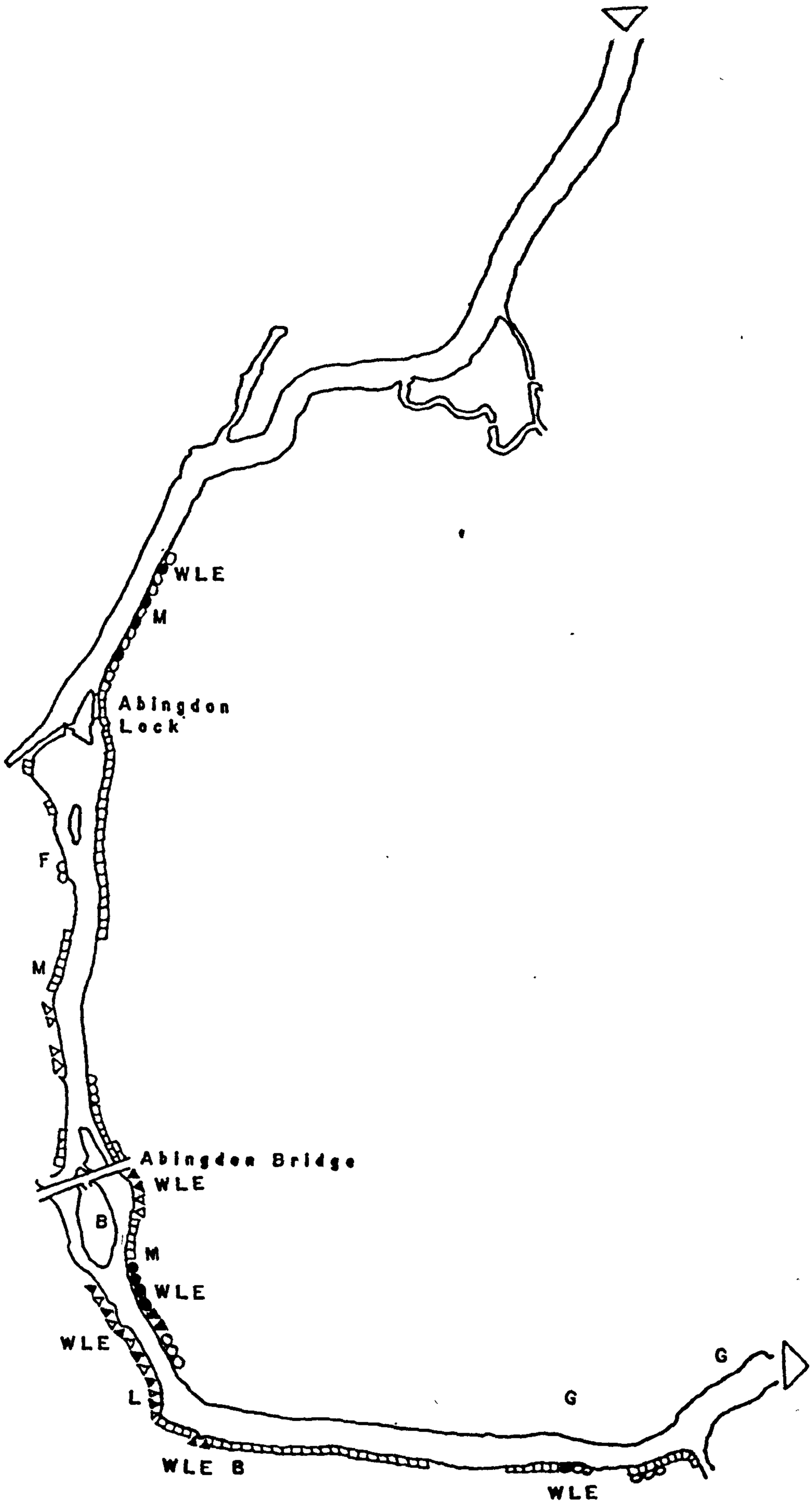

Nuneham Railway Bridge

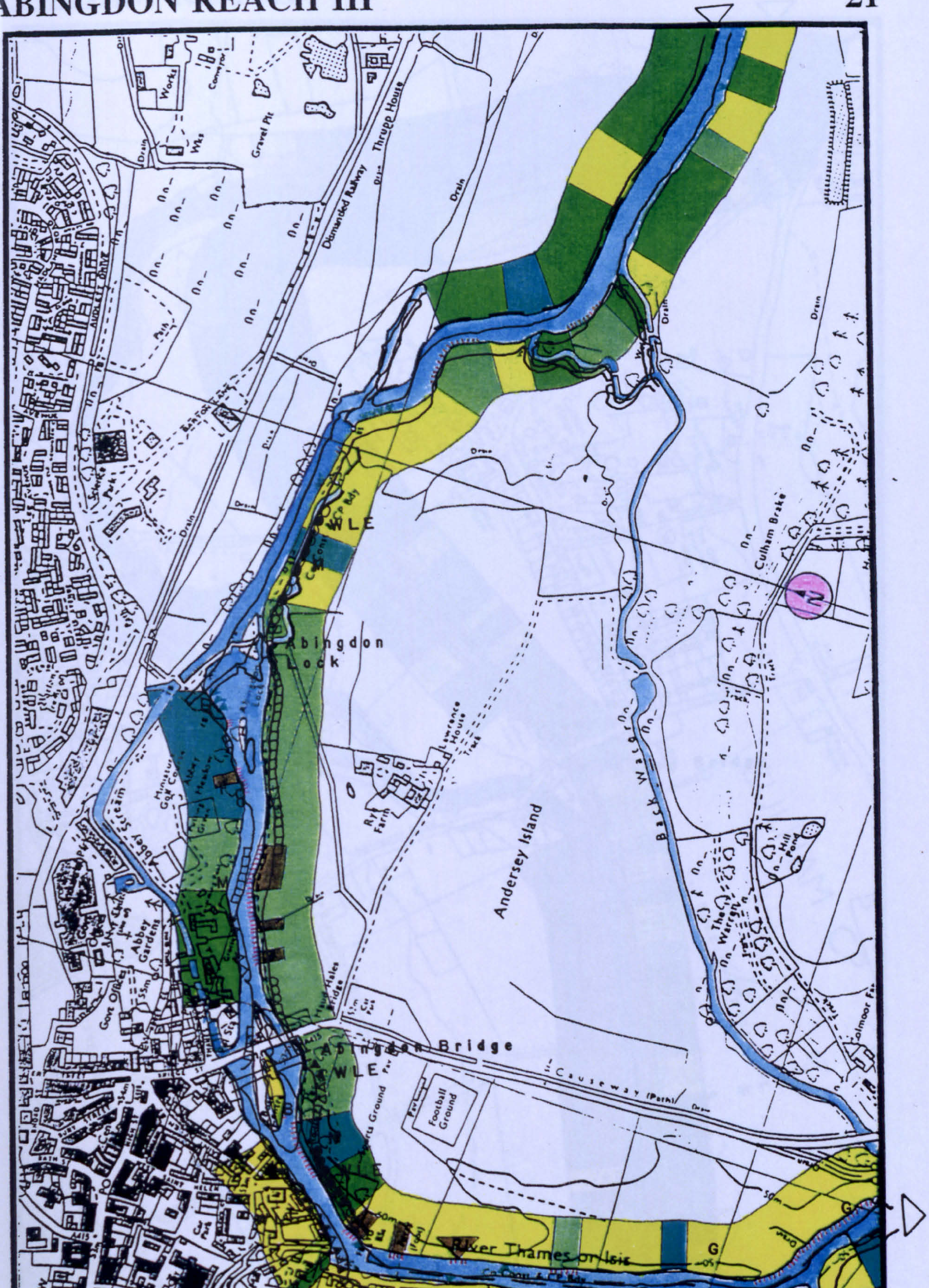
ABINGDON REACH II



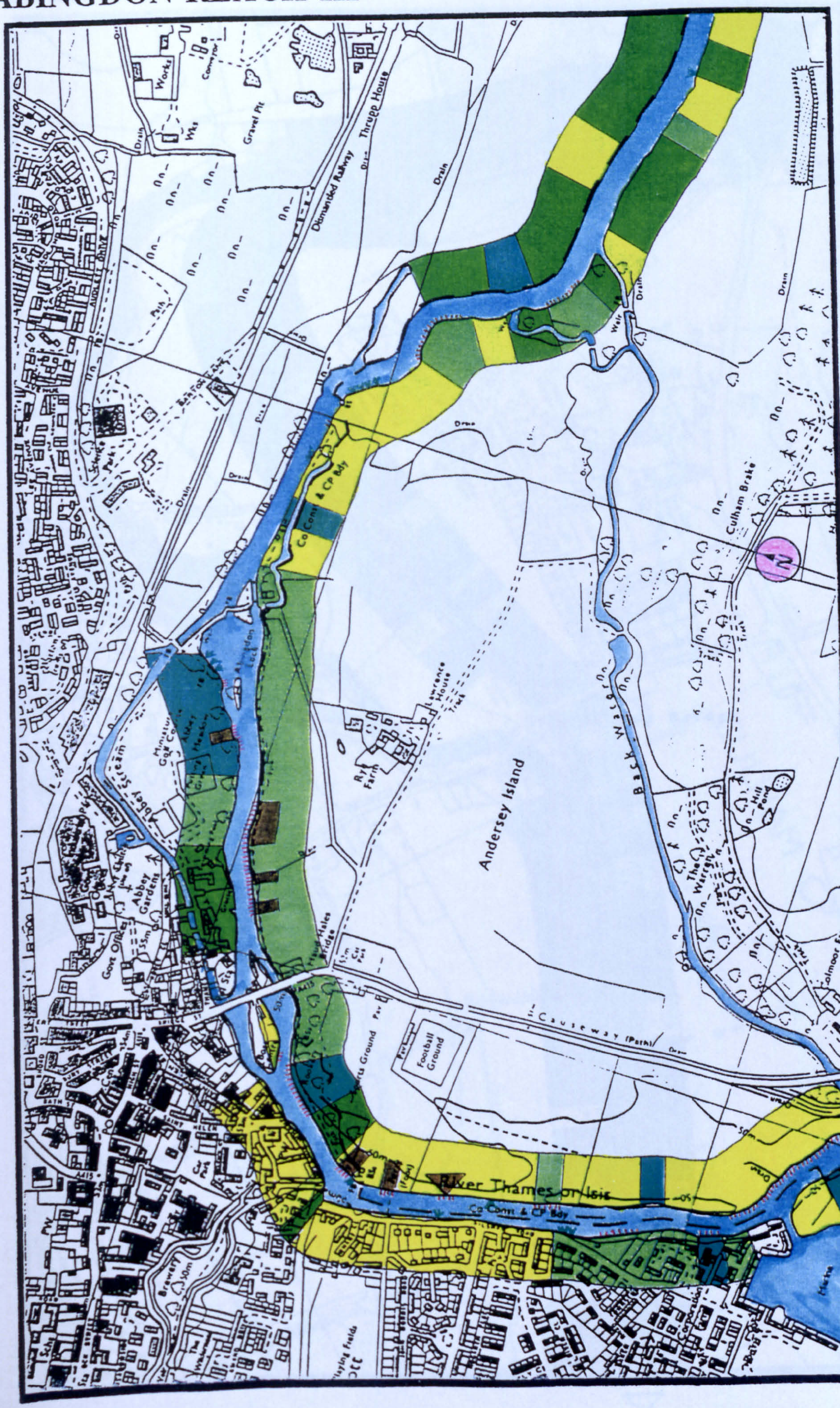
ABINGDON REACH II

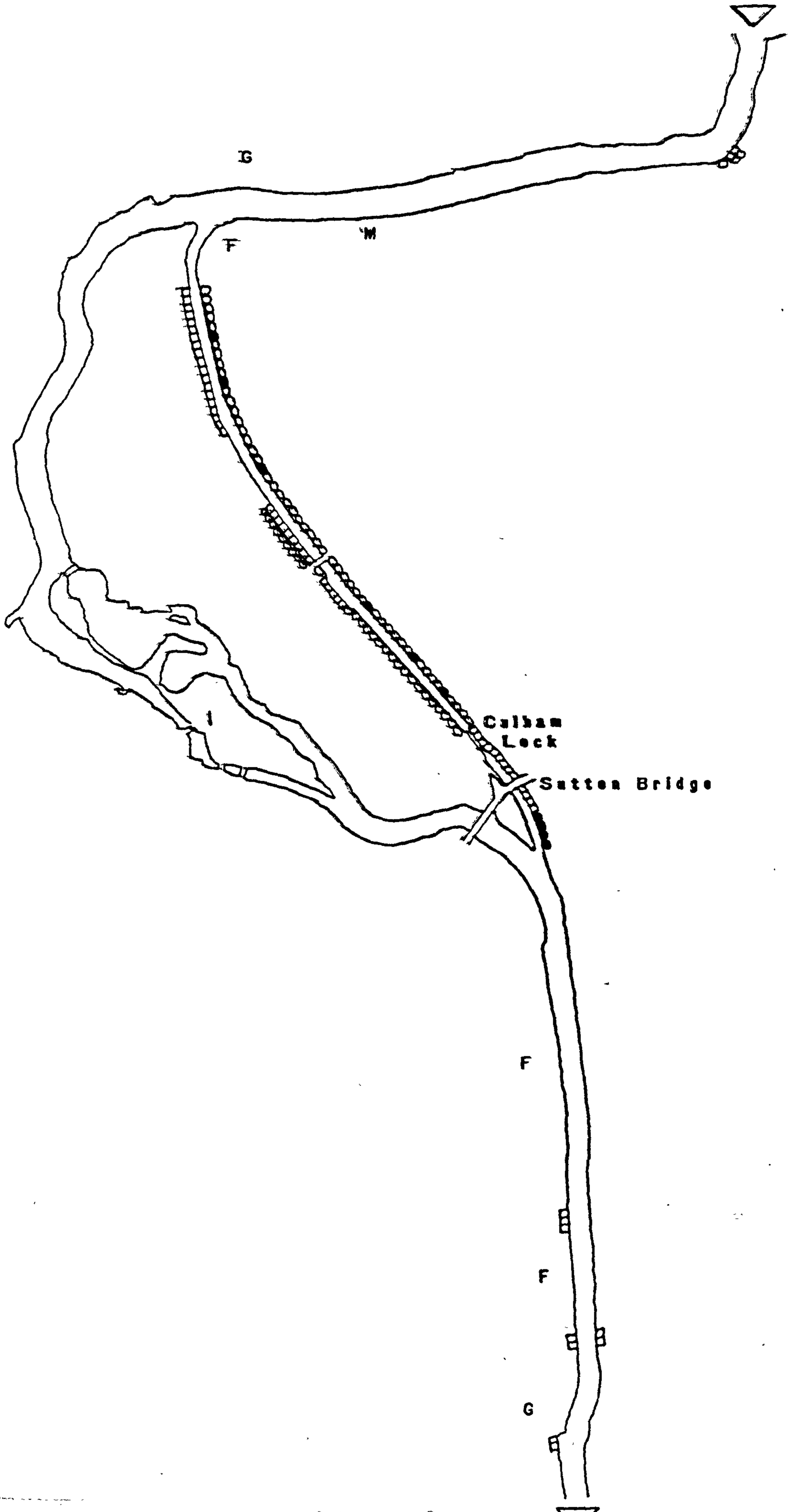



WLE
M
Abingdon
Lock
F
M
Abingdon Bridge
WLE
B
M
WLE
WLE
L
G
G
WLE B
WLE

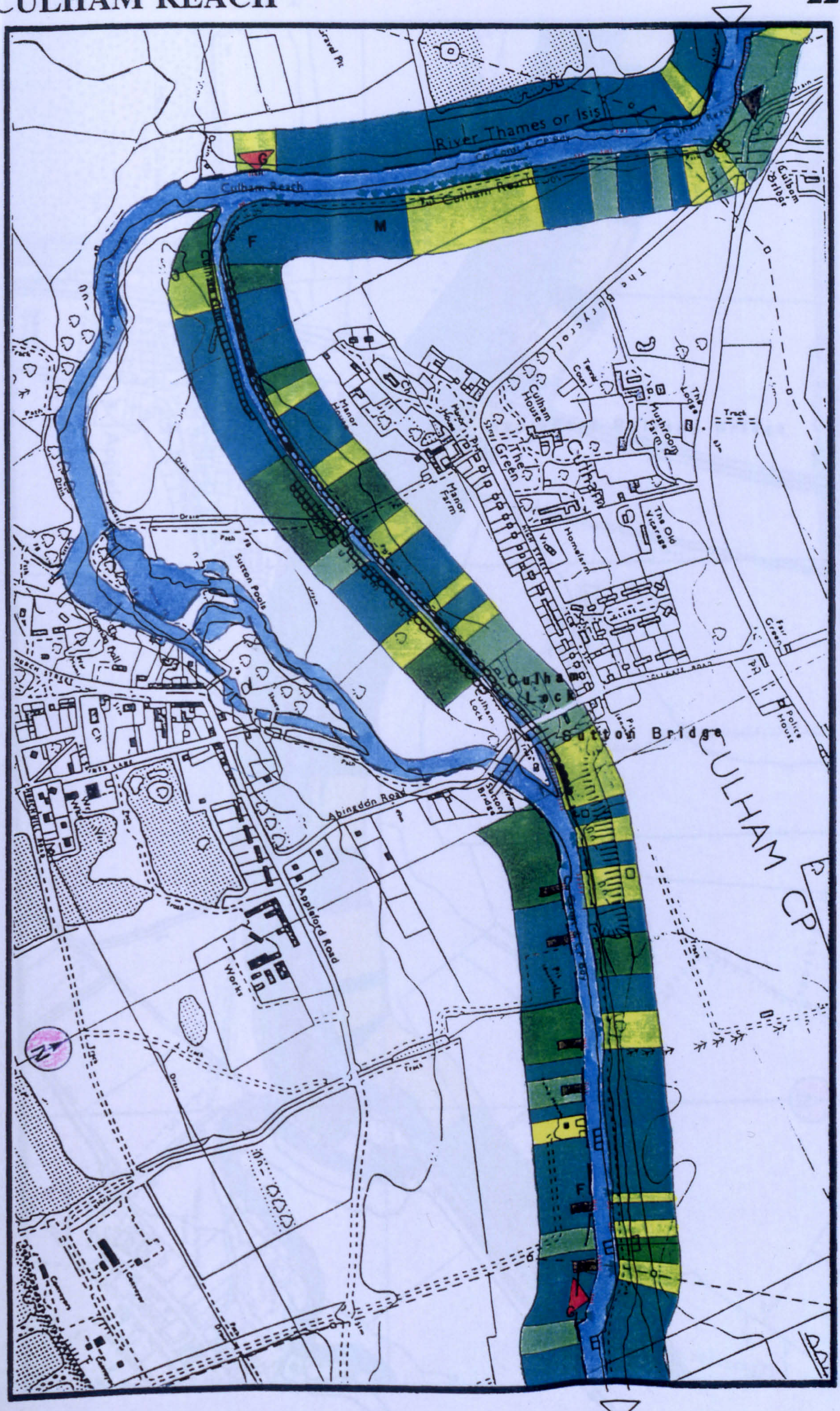

Works
Conveyor
Gravel Pit
Wks
Drain
Dismantled Railway
Thrupp House
Path
Science Park
Abingdon Lock
WLE
Culham Brake
Lawrence House Track
Rye Farm
Andersey Island
Back Water
The Warren
Hill Pond
Abbey Stream
Abbey Meadow
Abbey Gardens
Govt Offices
55m
Abingdon Bridge
Causeway (Path)
Football Ground
River Thames or Isis
G
Brewery
50m
Playing Fields

ABINGDON REACH III

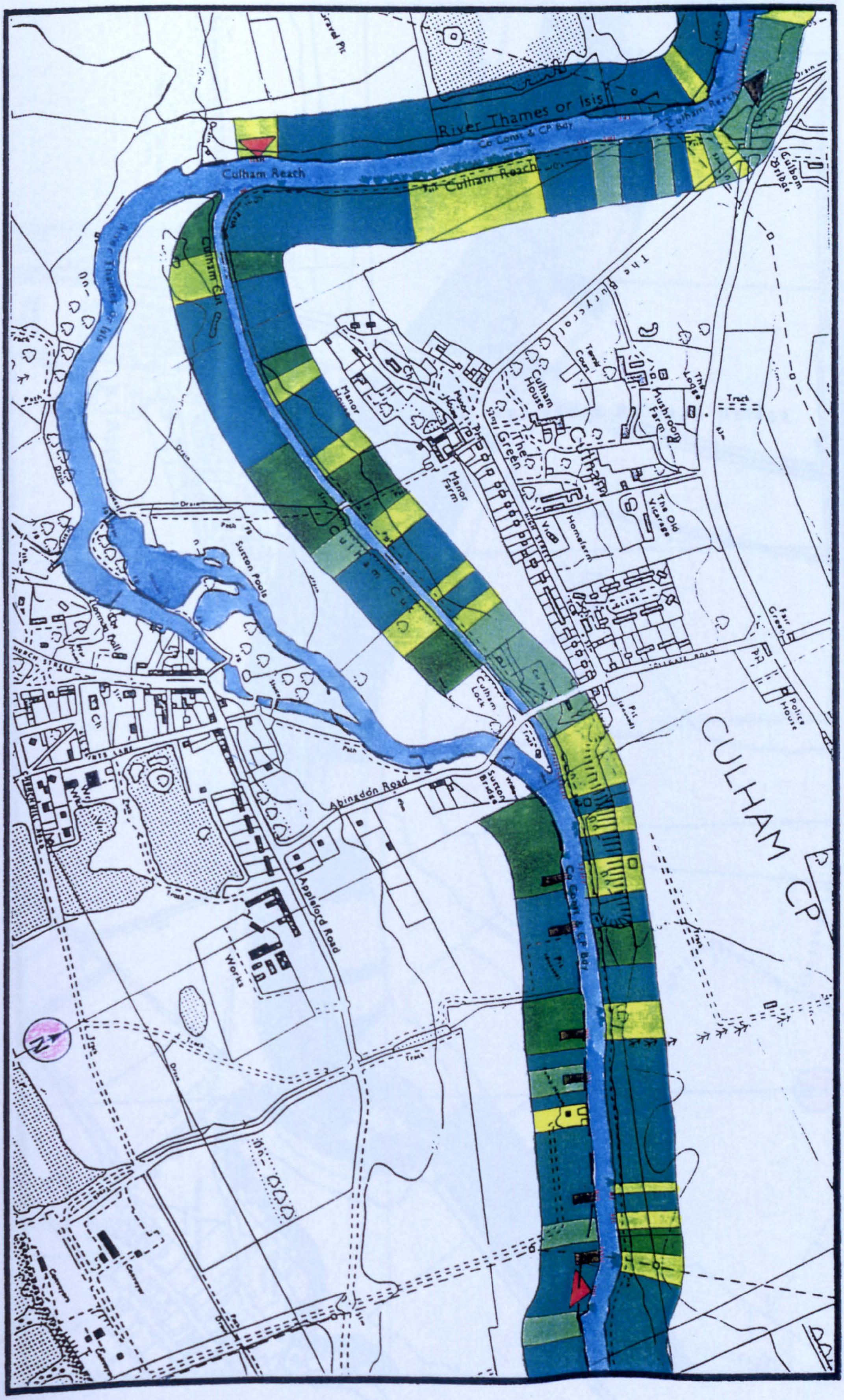


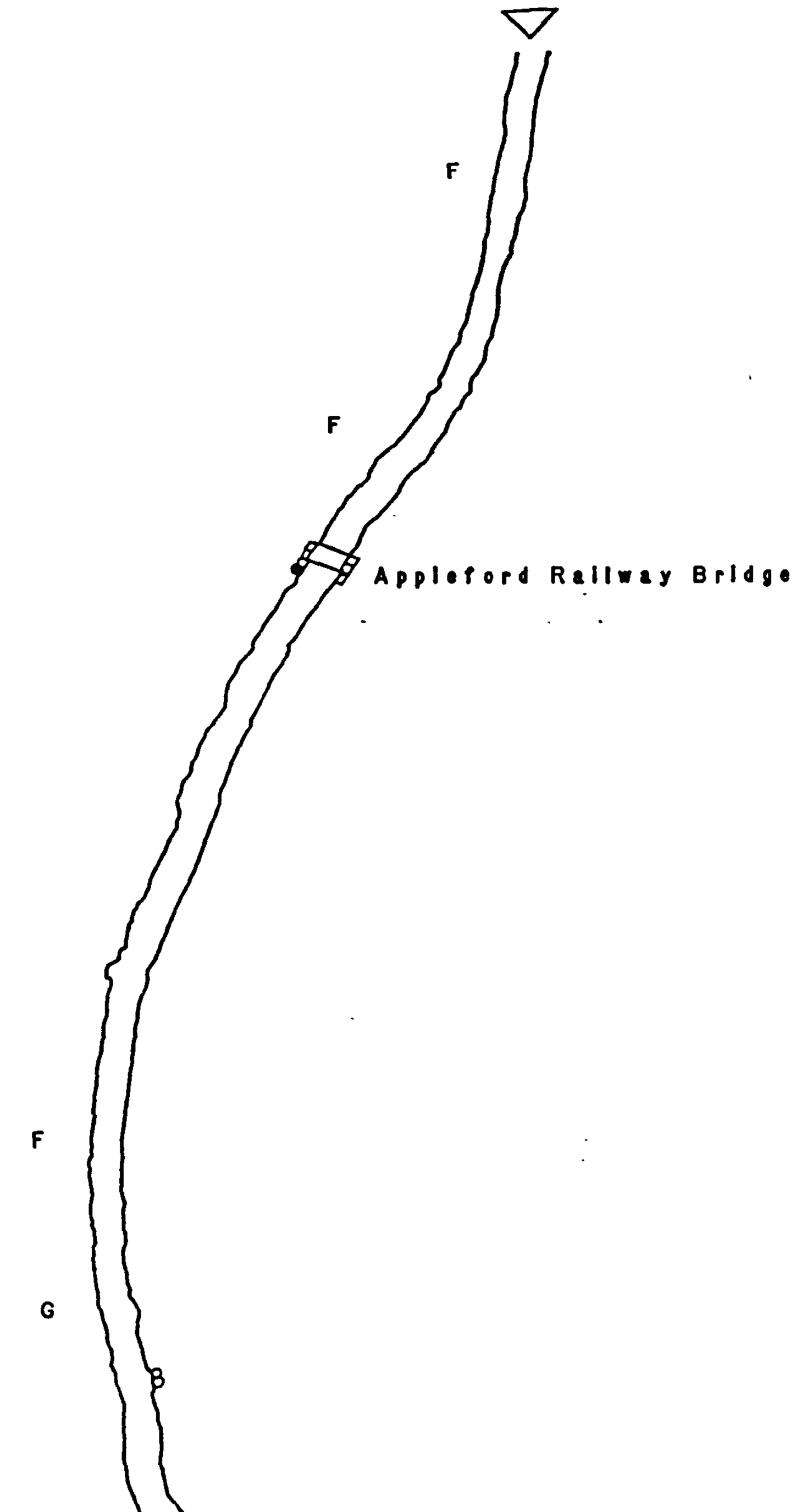

G
M
F
Culham
Lock
Sutton Bridge
F
F
G

CULHAM REACH

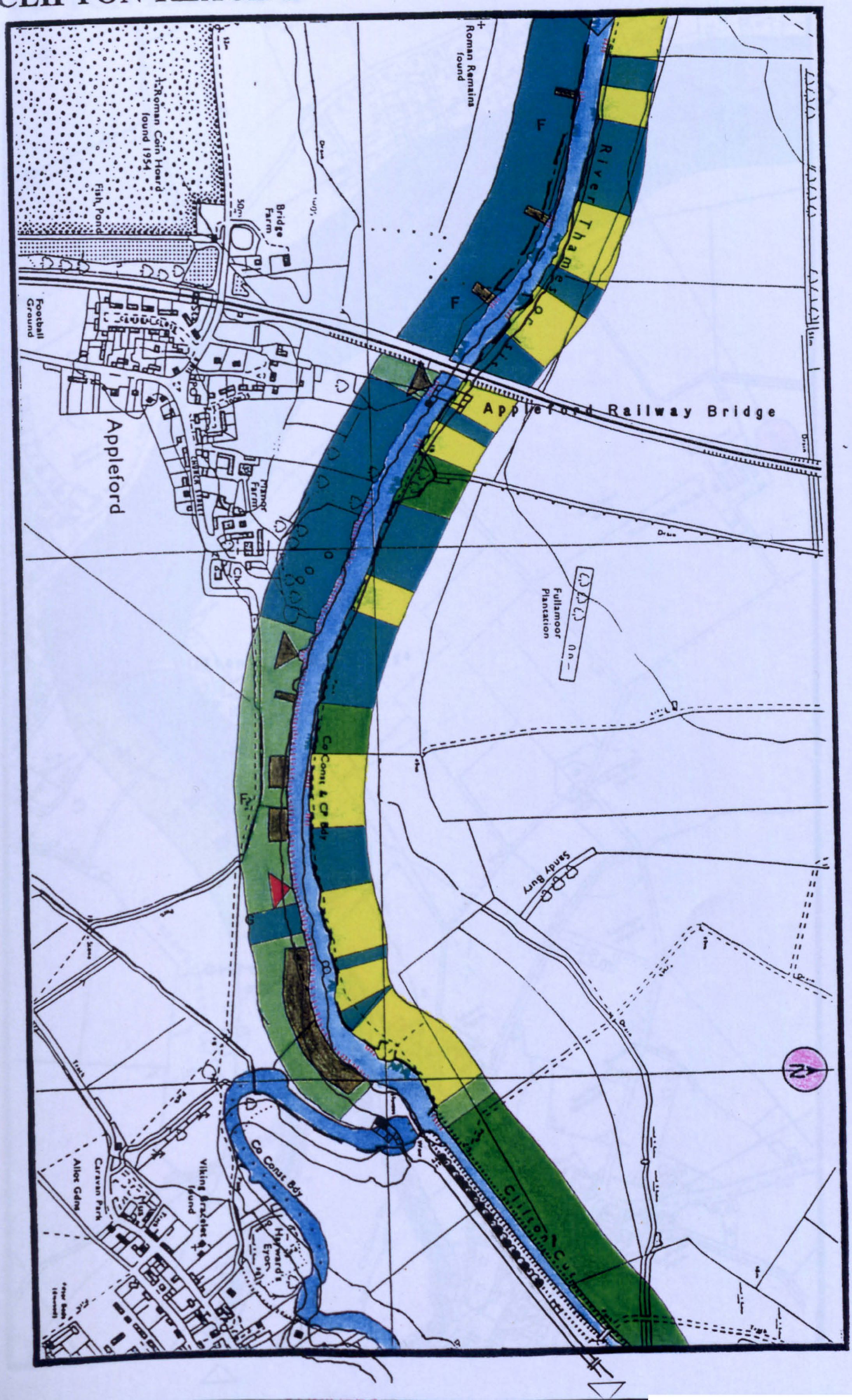


CULHAM REACH

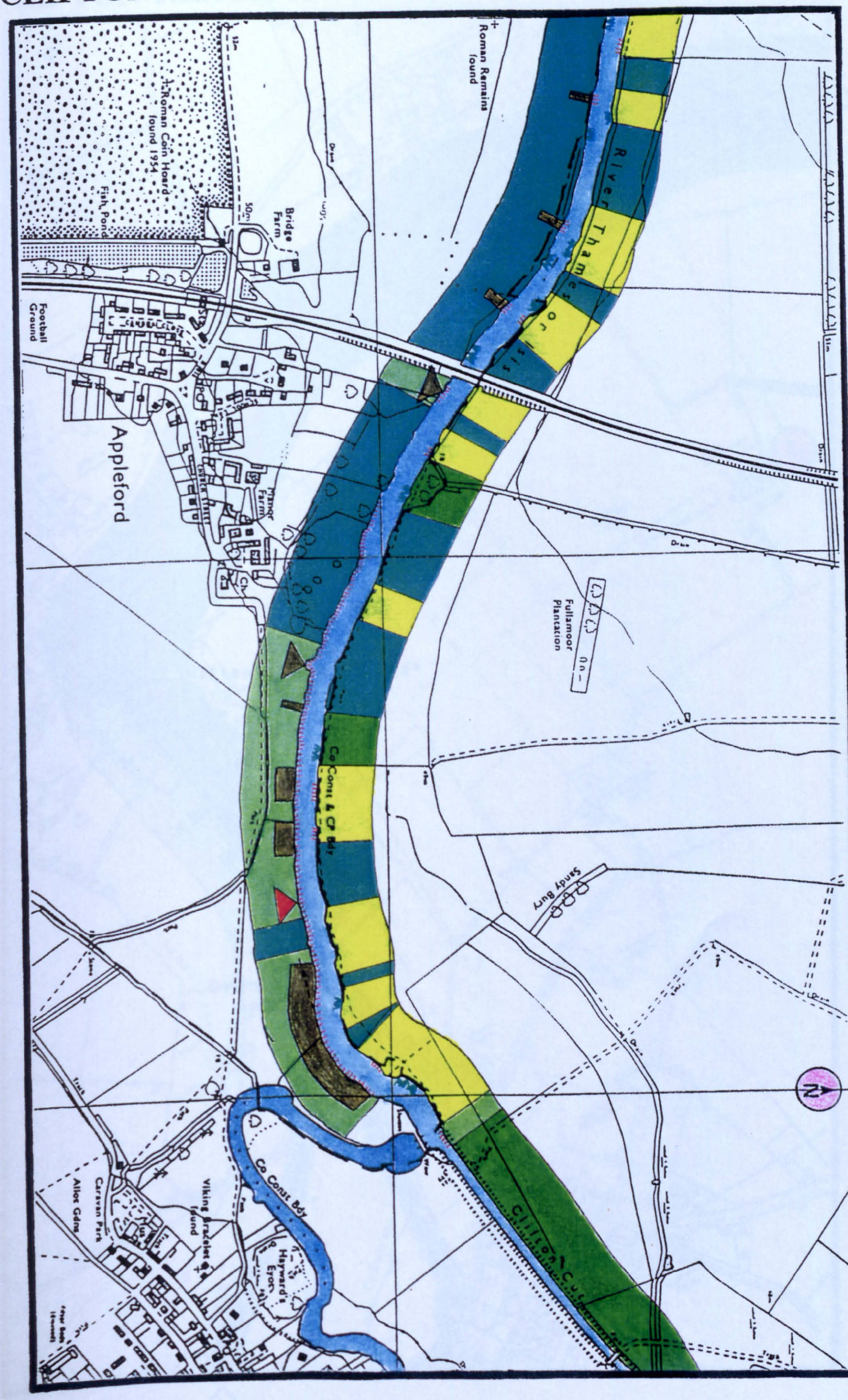


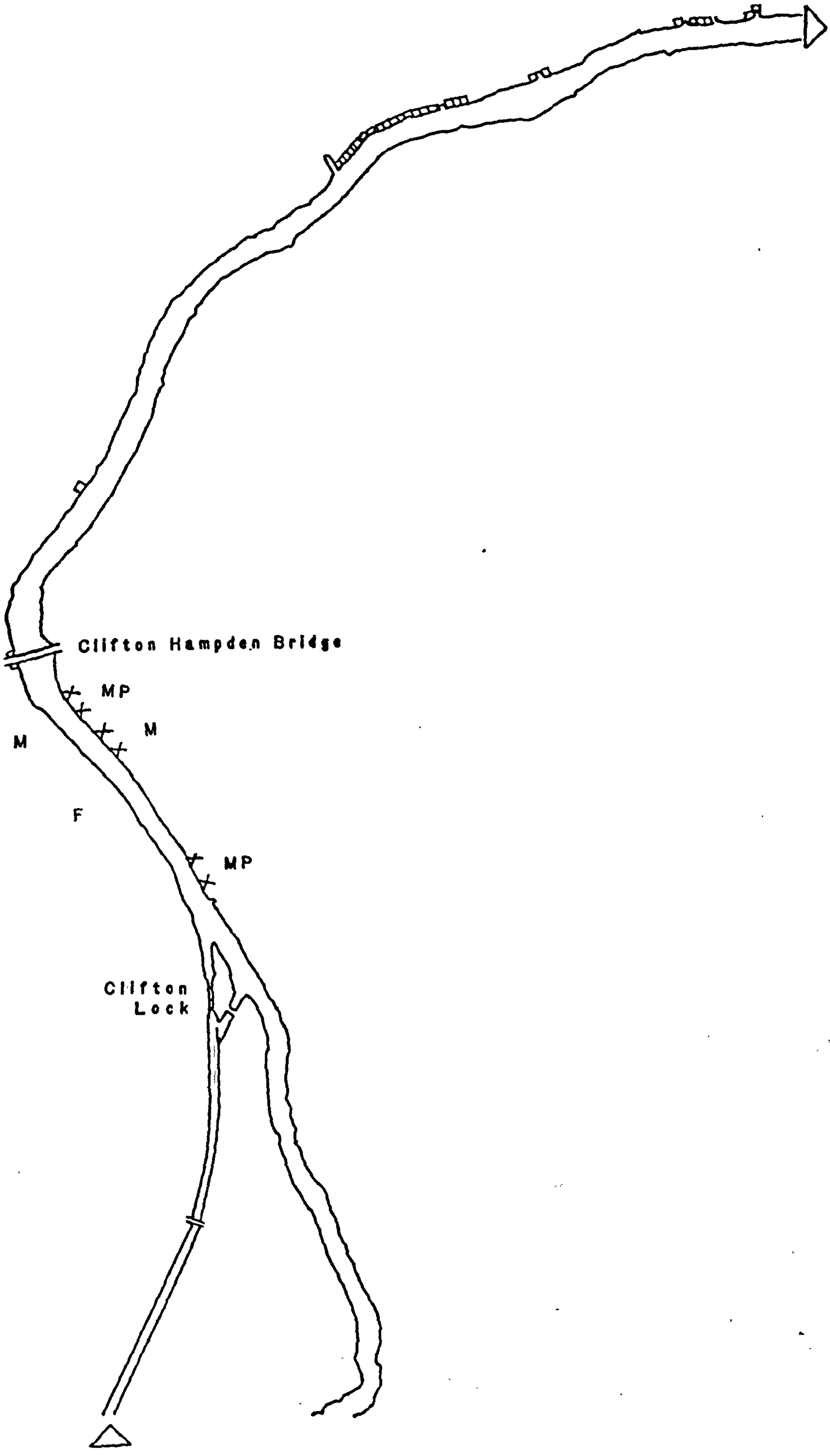

F
F
Appleford Railway Bridge
F
G

CLIFTON REACH I

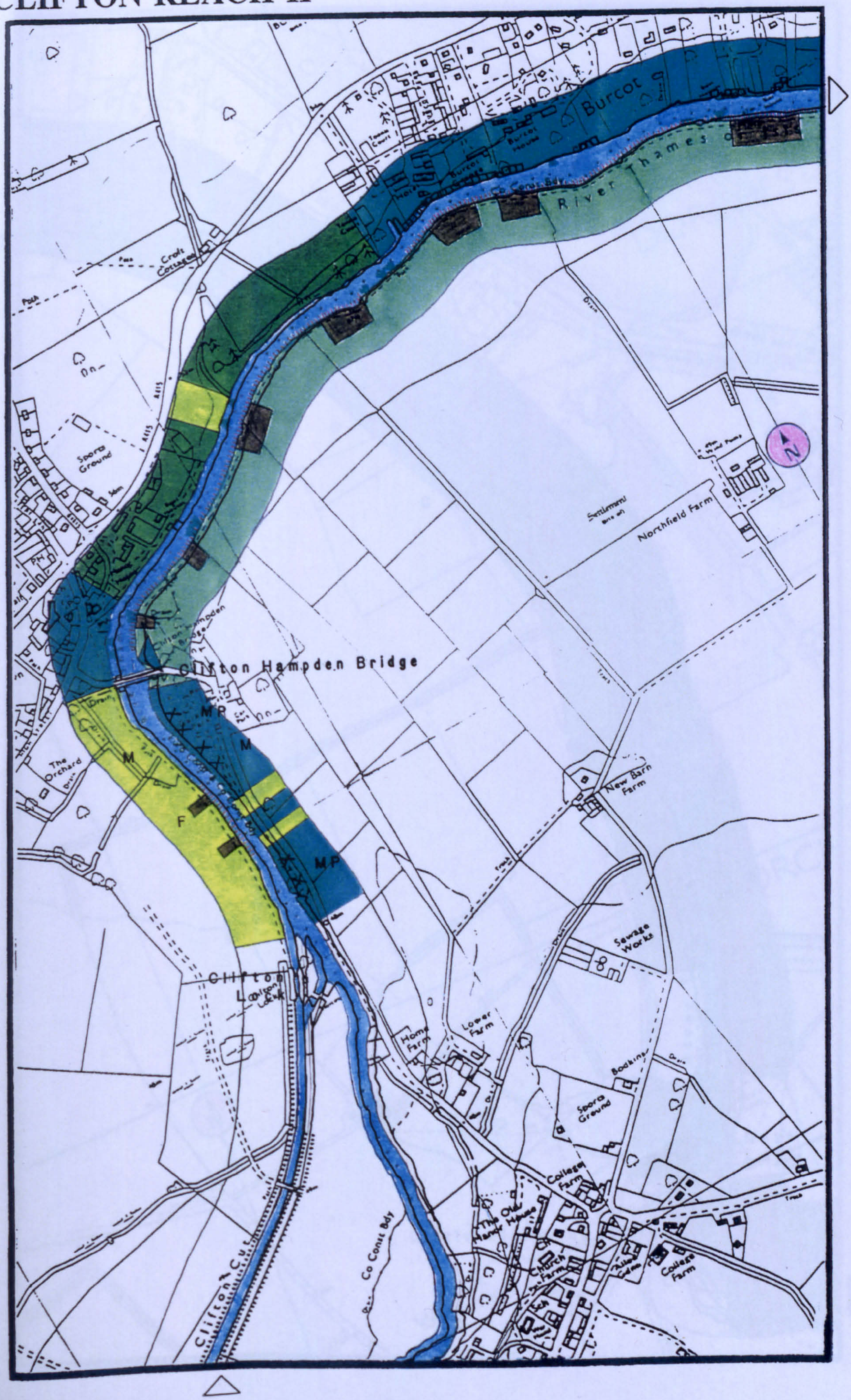


CLIFTON REACH I

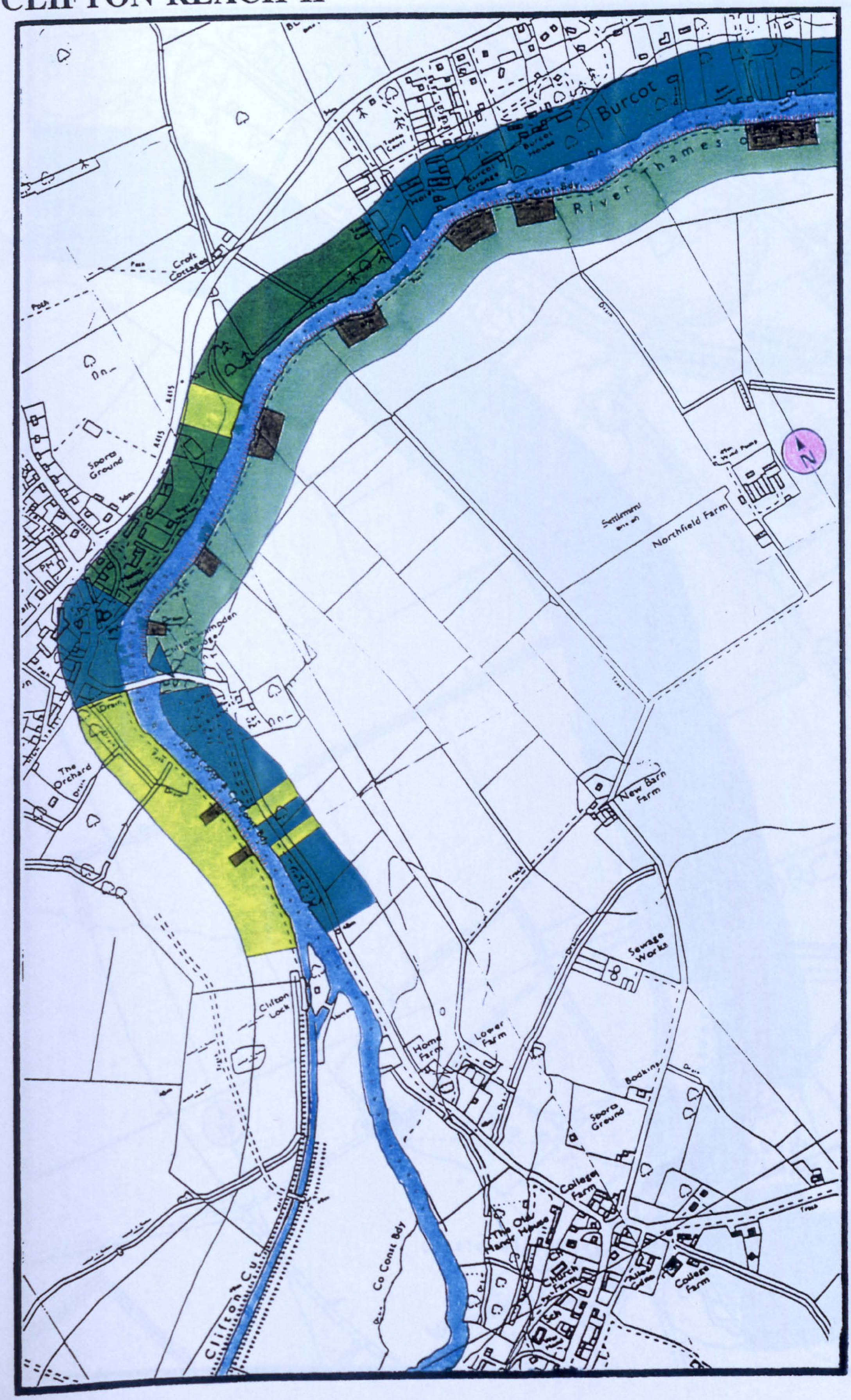


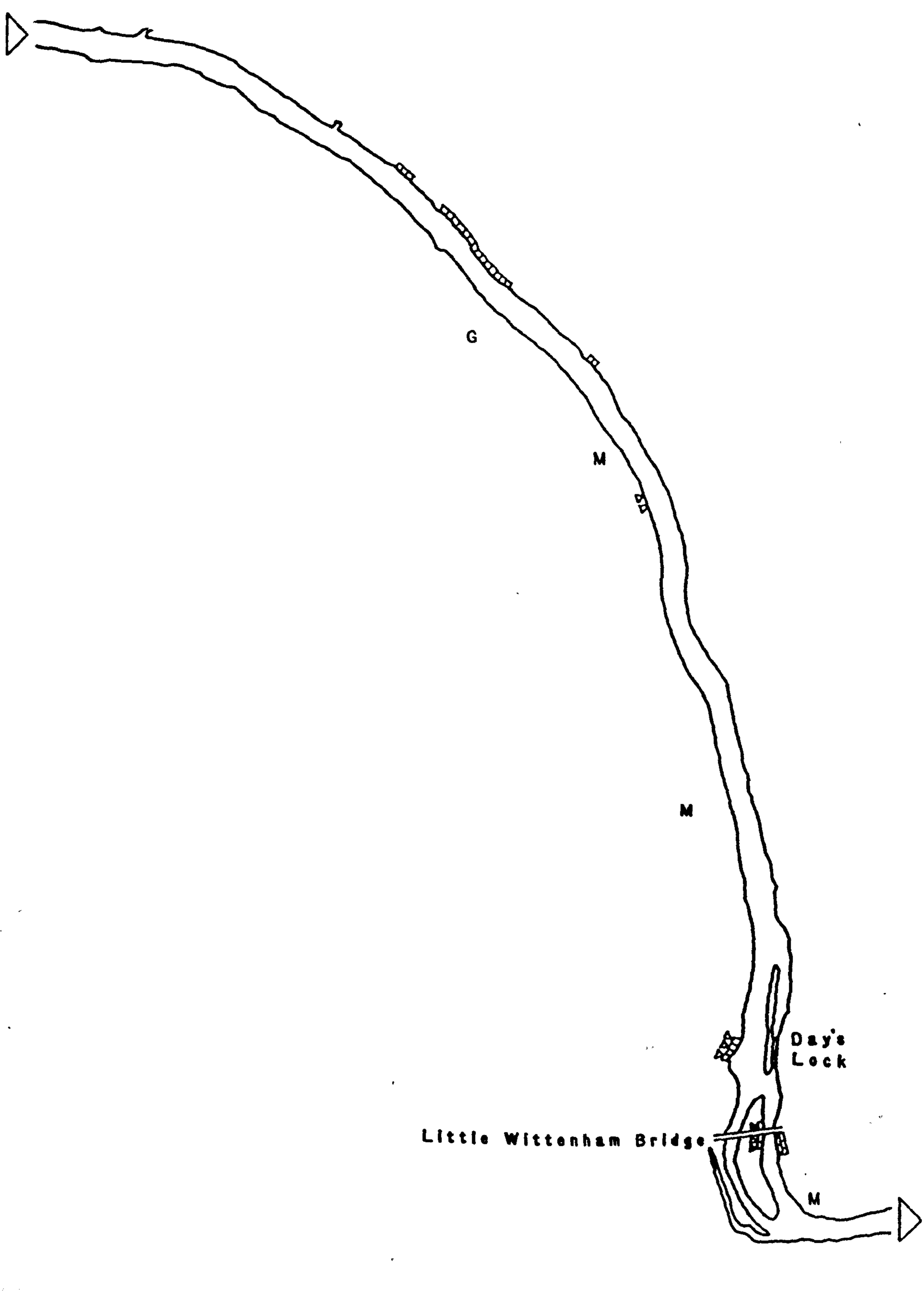

Clifton Hampden Bridge
MP
M
M
F
MP
Clifton
Lock

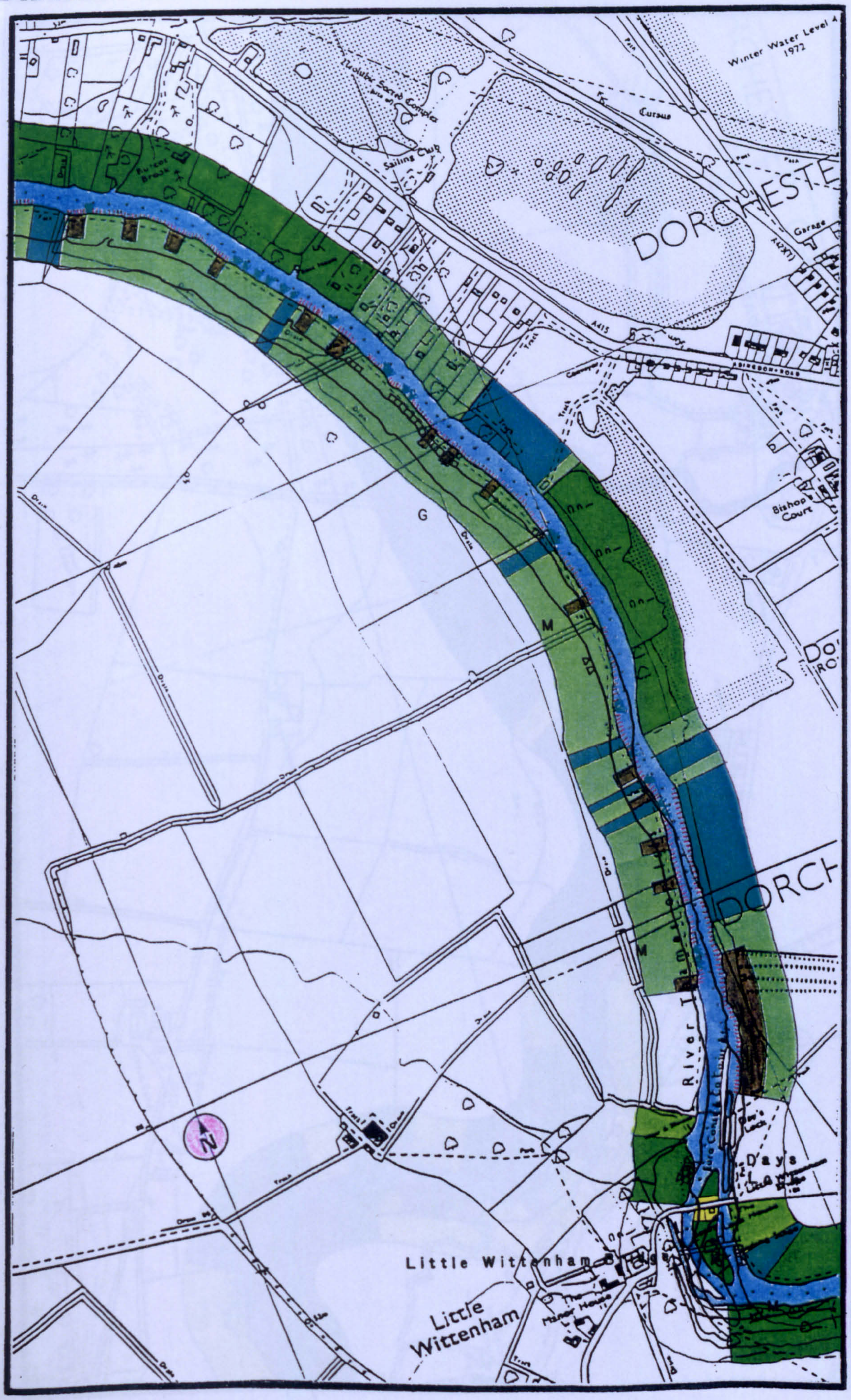
CLIFTON REACH II

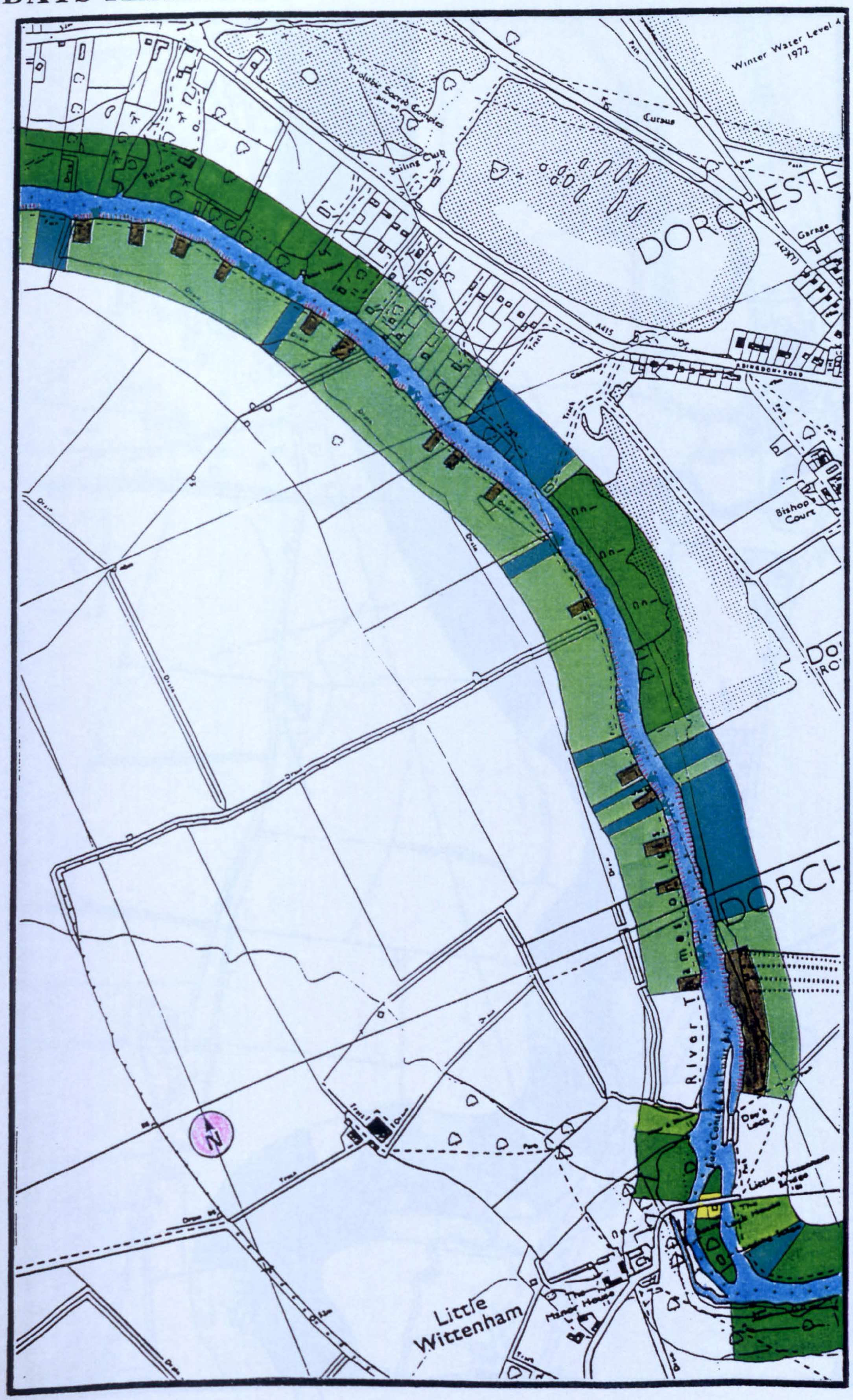


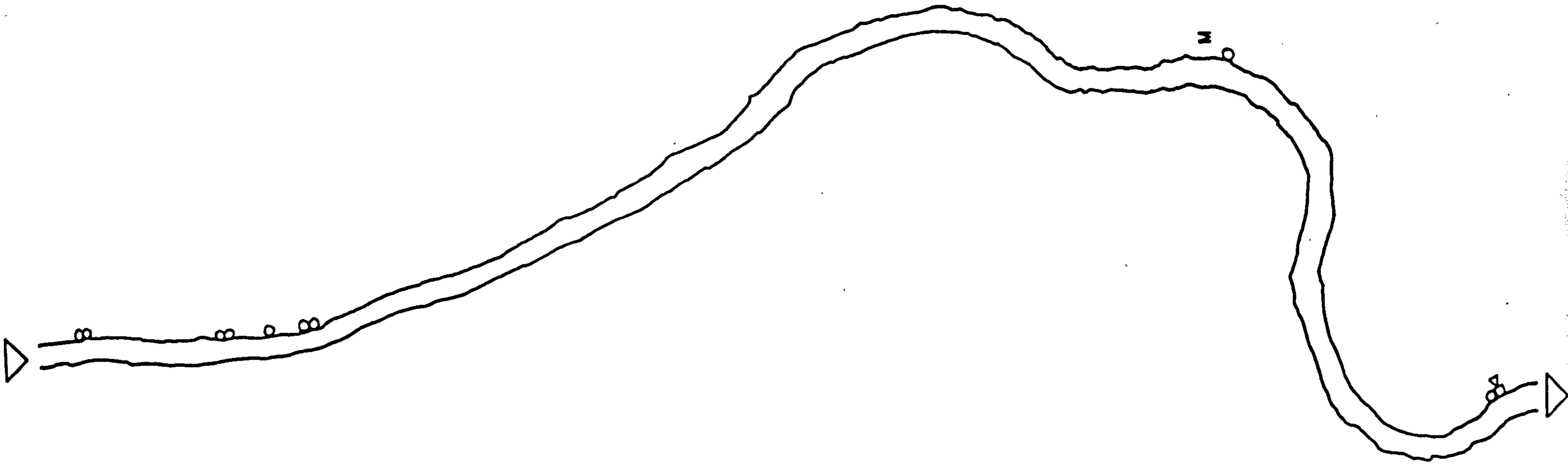
CLIFTON REACH II



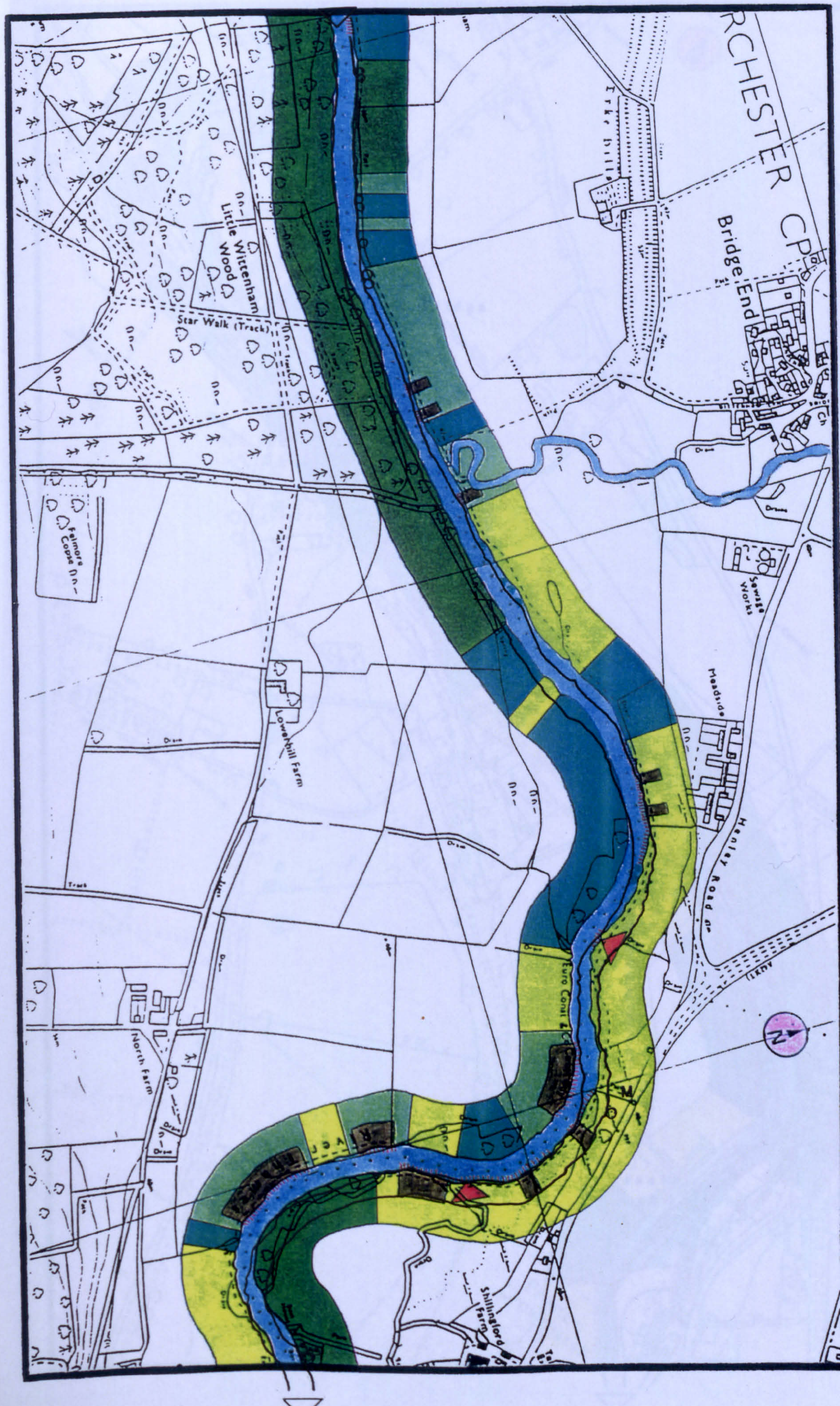

G
M
M
M
Day's
Lock
Little Wittenham Bridge


Winter Water Level 1972
Nuclear Sorrel Complex
Sailing Club
Curtis
DORC
EST
Garage
A415
Bishop Court
G
M
Dra
Trees
River T
Days
Little Wittenham
Little Wittenham
Manor House
N

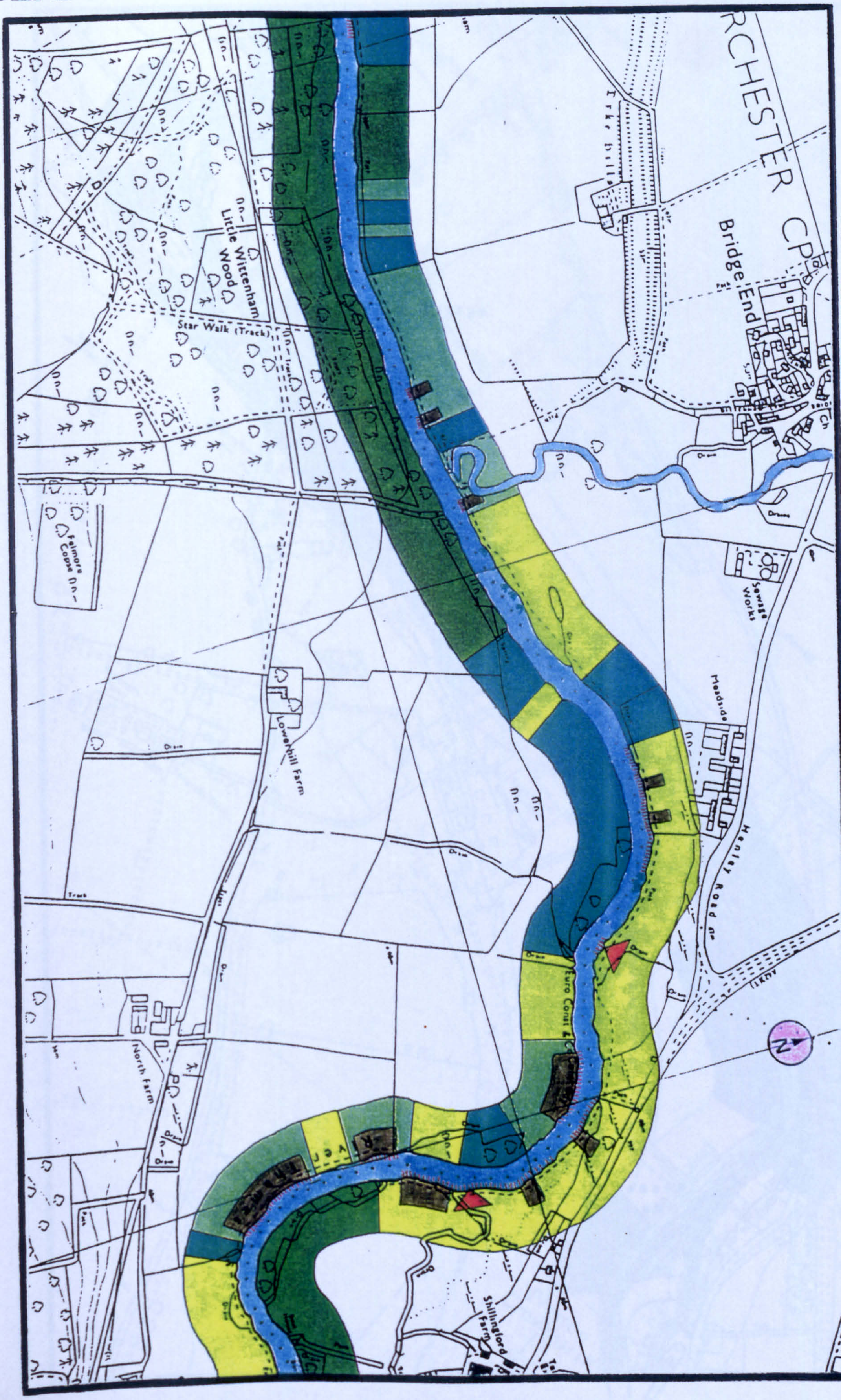

Winter Water Level 1972
Sailing Club
Cursus
DORCHESTER
Garage
A415
ABINGDON ROAD
Bishop Court
Little Wittenham
The Manor House
Little Wittenham Lock
N

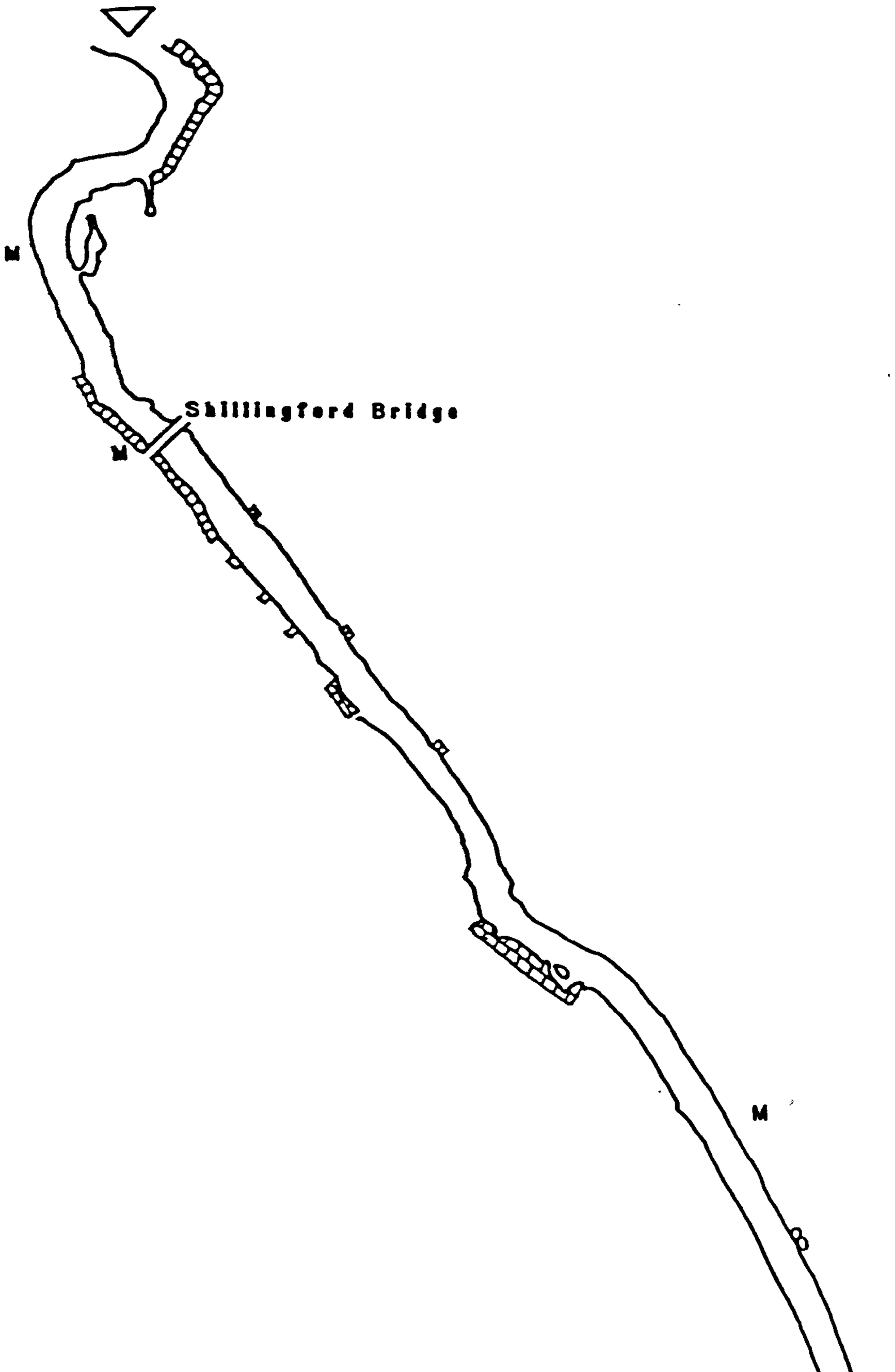

N

BENSON REACH I

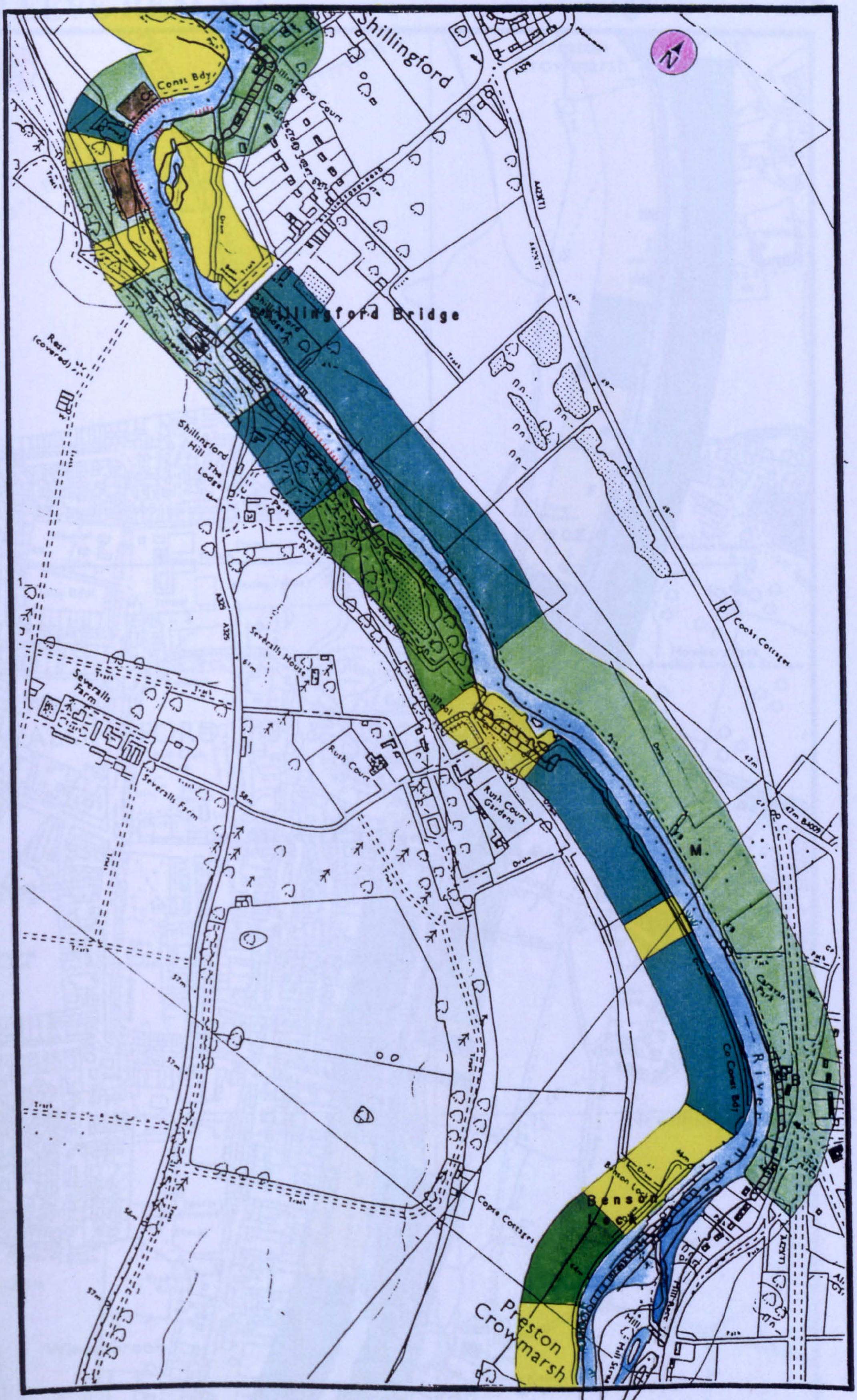


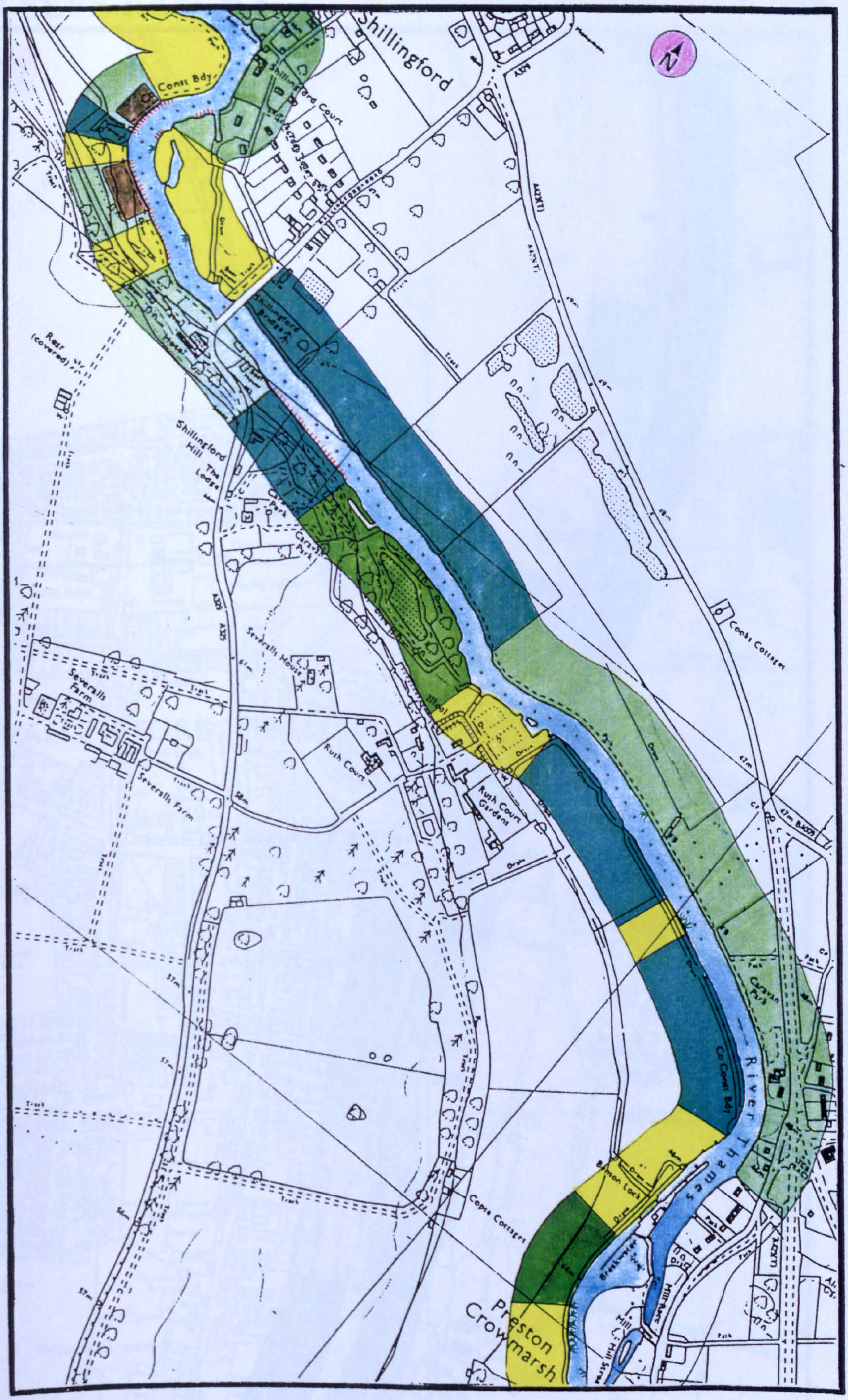
BENSON REACH I

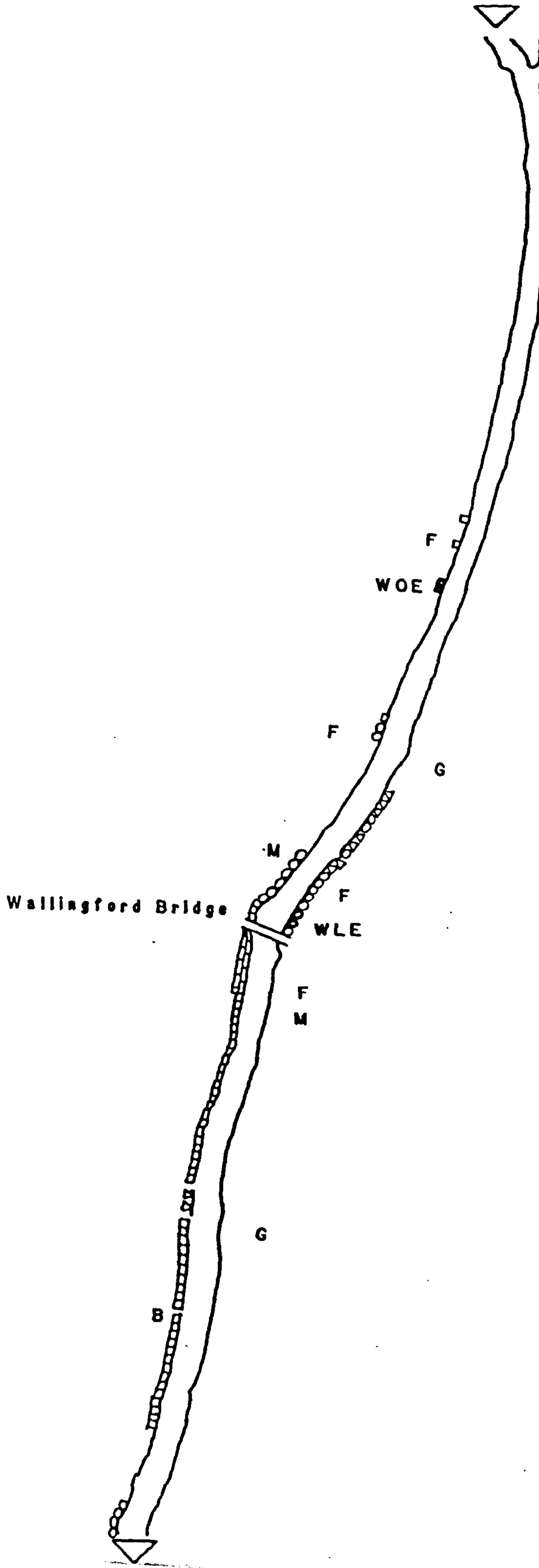



Shillingford Bridge
M
M
B
Benson
Lock

BENSON REACH II

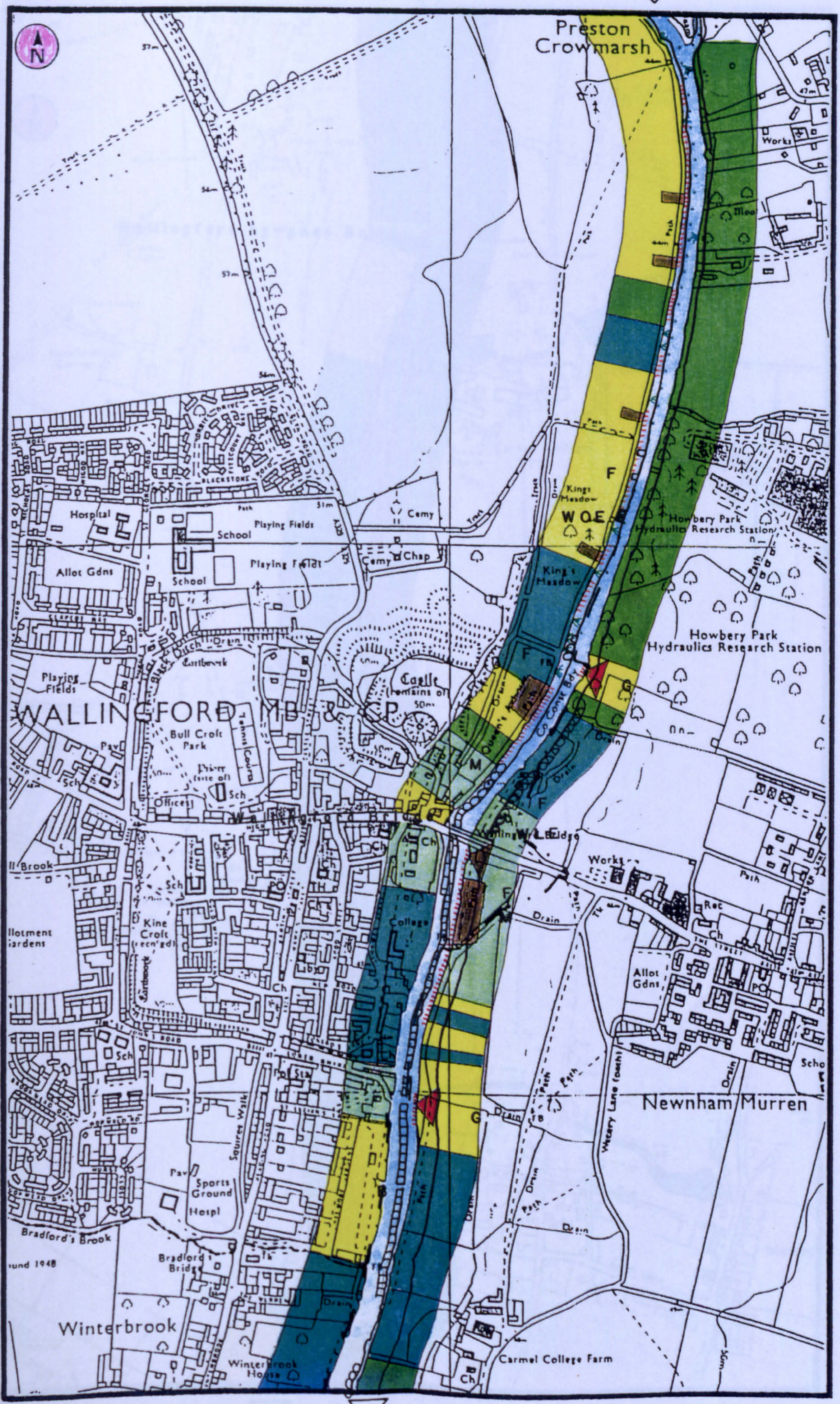



Shillingford
Shillingford Court
Const Bdy
Shillingford Bridge
Hotel
Resr (covered)
Shillingford Hill
The Lodge
Caravan Park
Severalls House
Severalls Farm
Rush Court
Rush Court Gardens
Pool
Cooks Cottages
A329
B4009
Copse Cottages
Benson Lock
Co Const Bdy
River Thames
Caravan Park
Breakwater
Mill Stream
Preston Crowmarsh

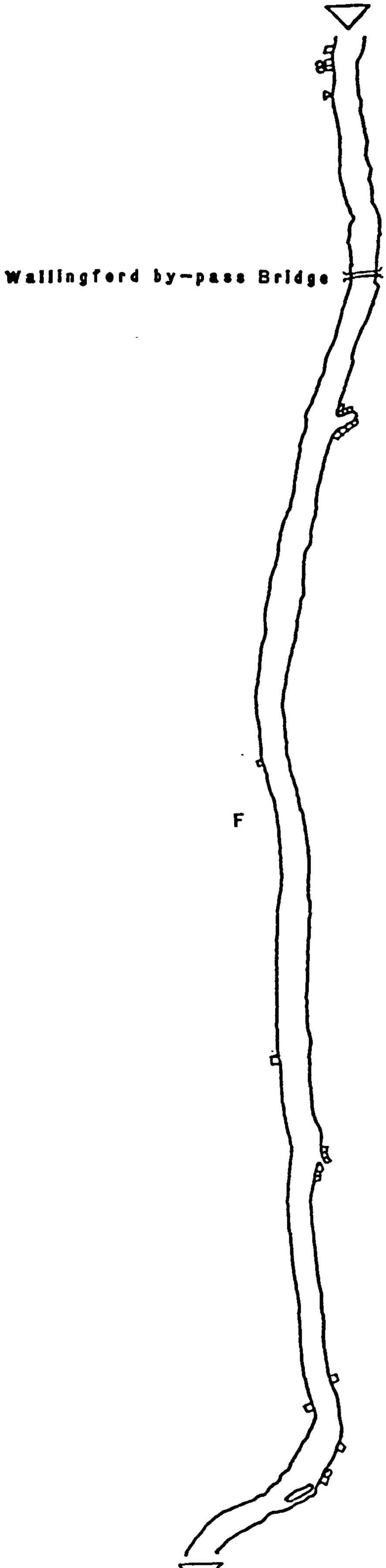

F
WOE
F
G
M
Wallingford Bridge
F
WLE
F
M
G
B

CLEEVE REACH I

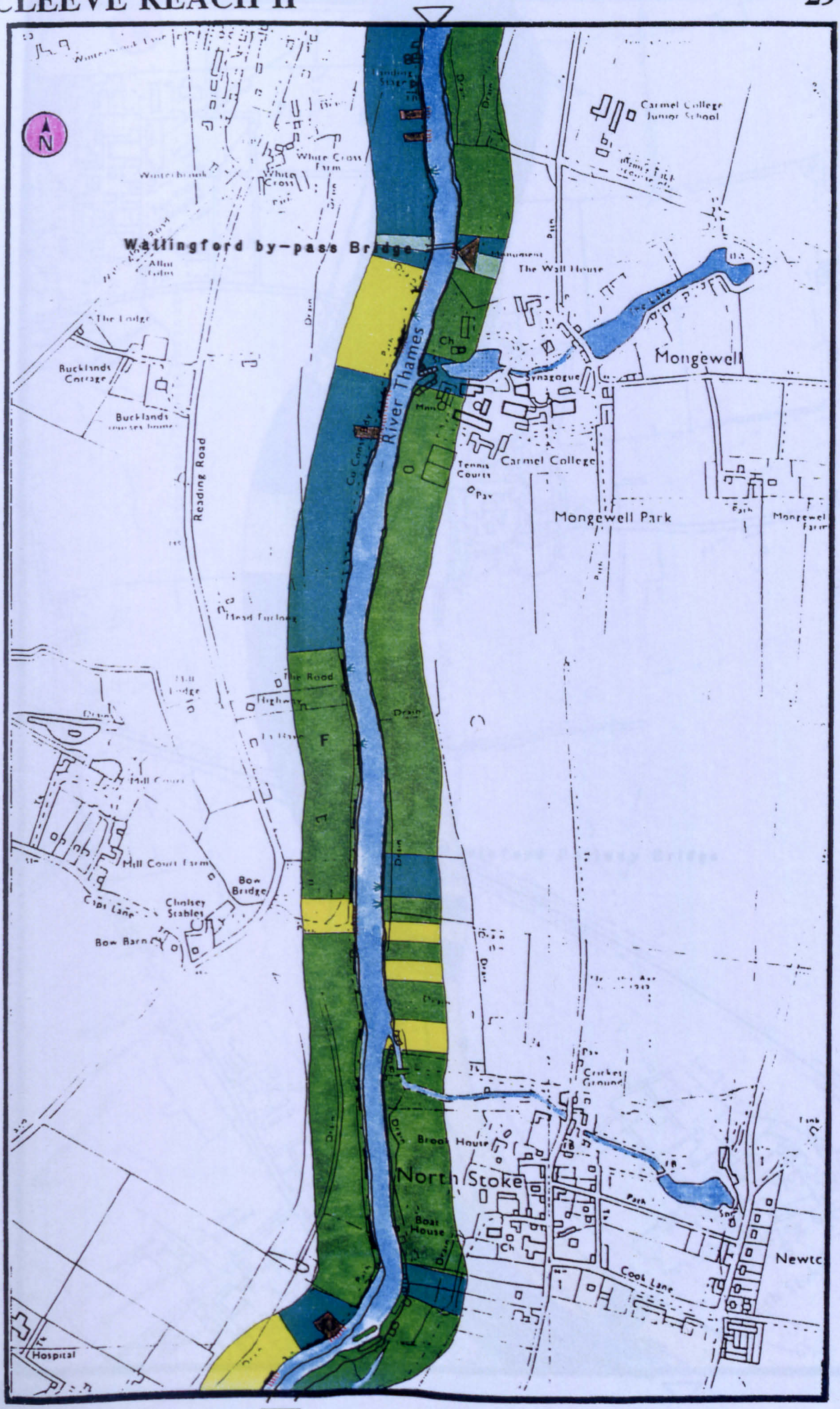
28



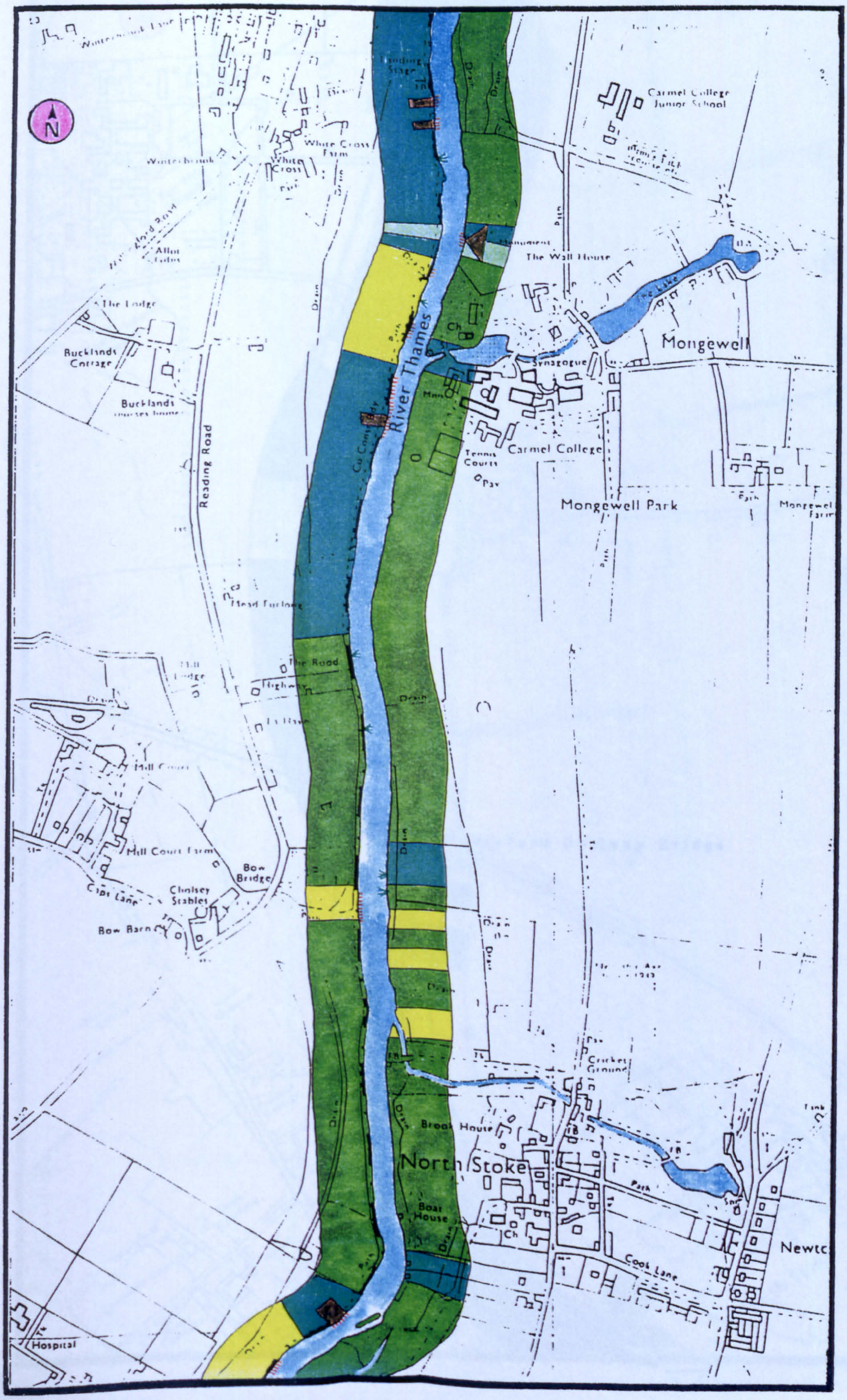
CLEEVE REACH I

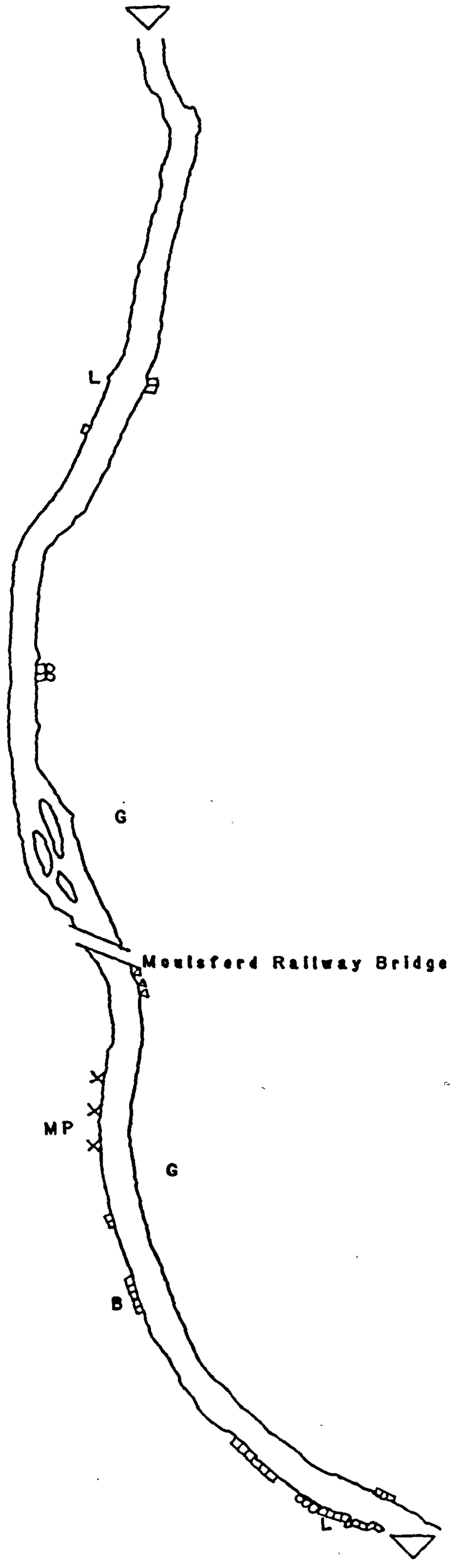

Wallingford by-pass Bridge
F

CLEEVE REACH II

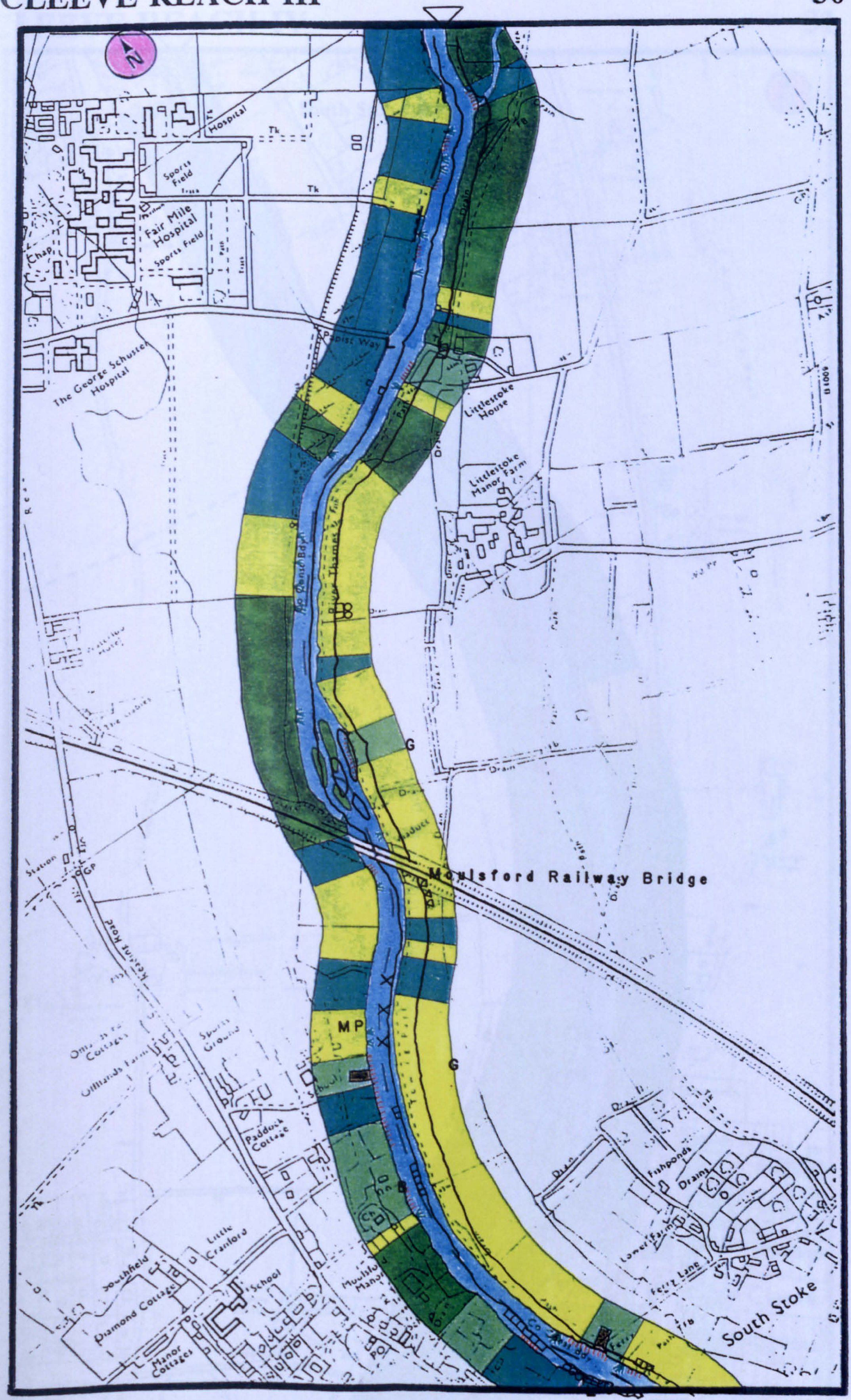


CLEEVE REACH II

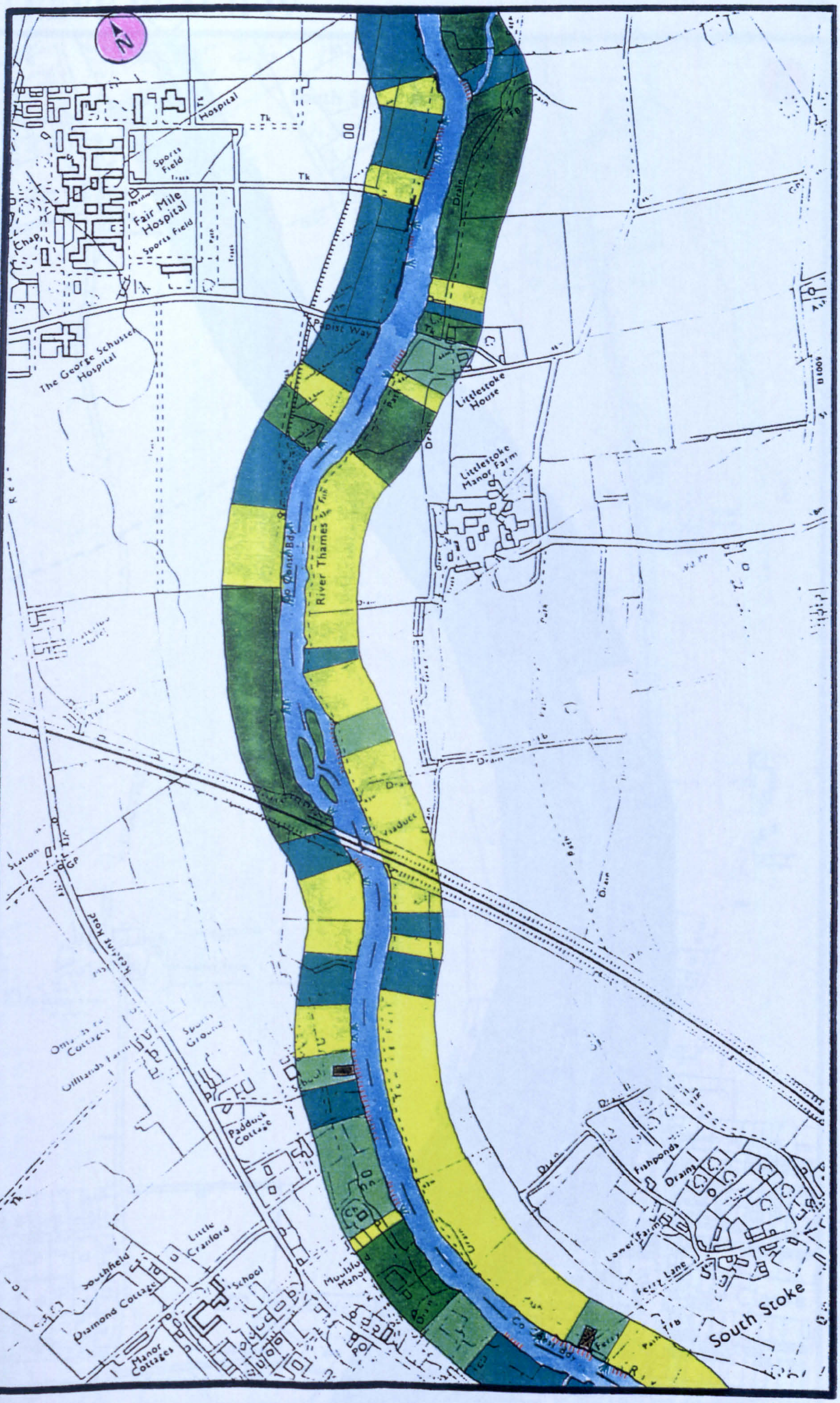


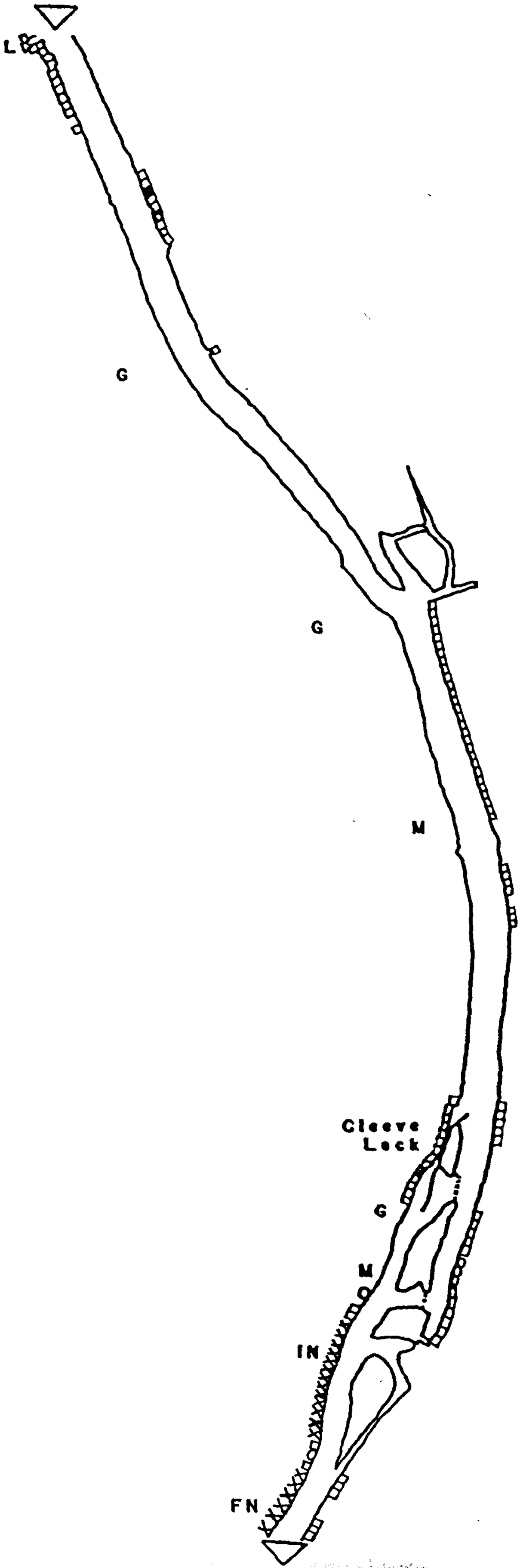

L
B
G
Moulsford Railway Bridge
MP
G
B
L

CLEEVE REACH III

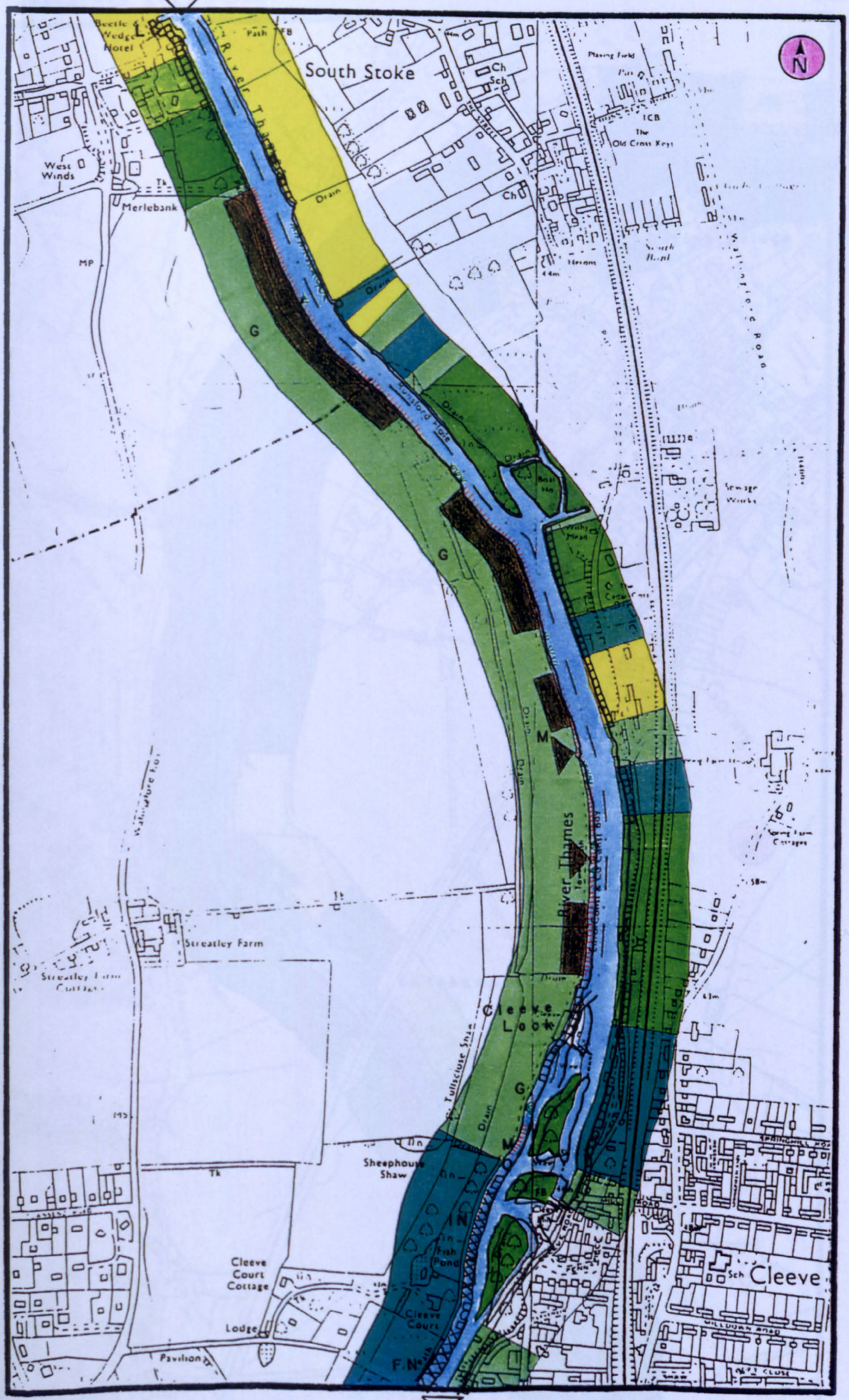


CLEEVE REACH III

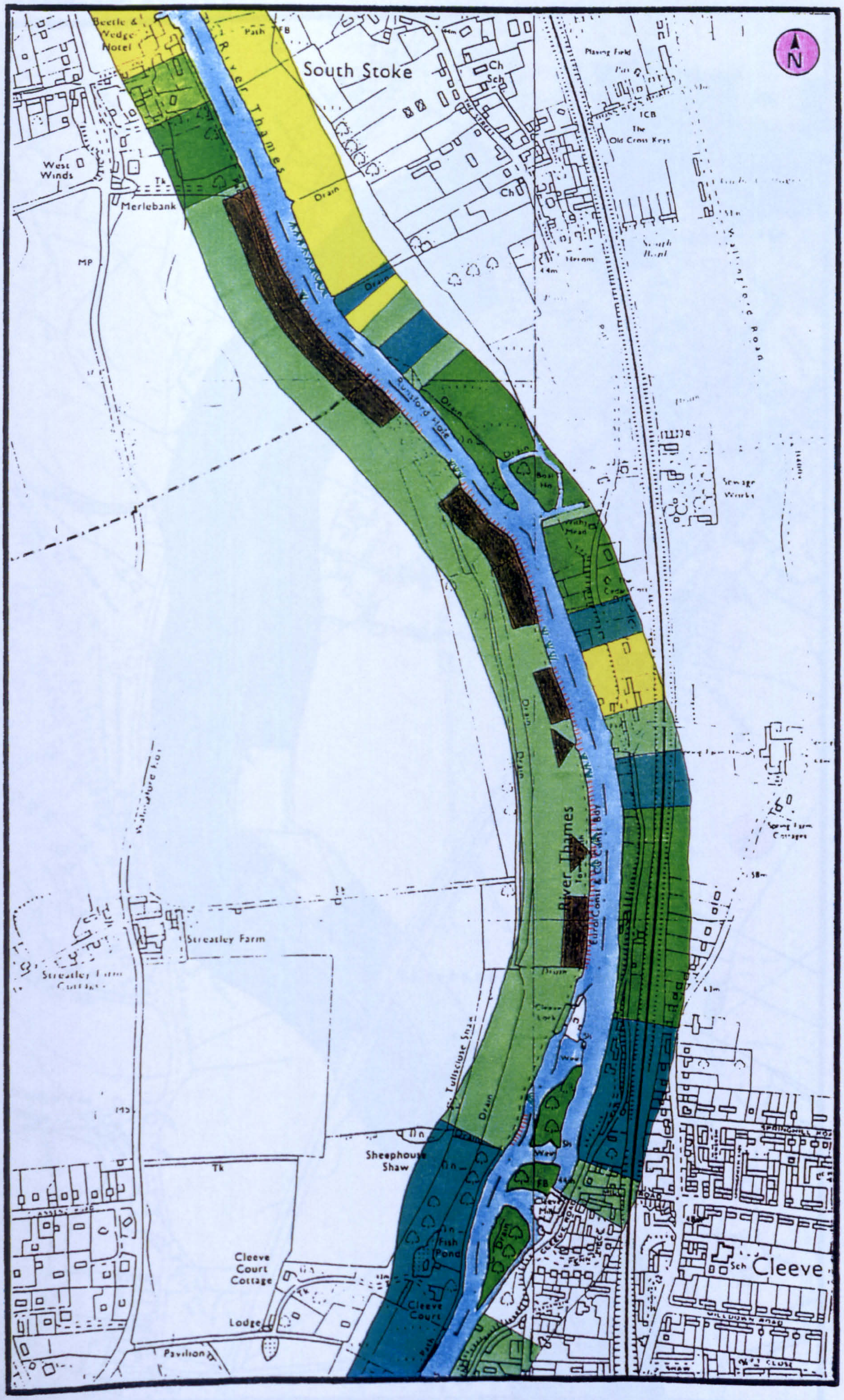


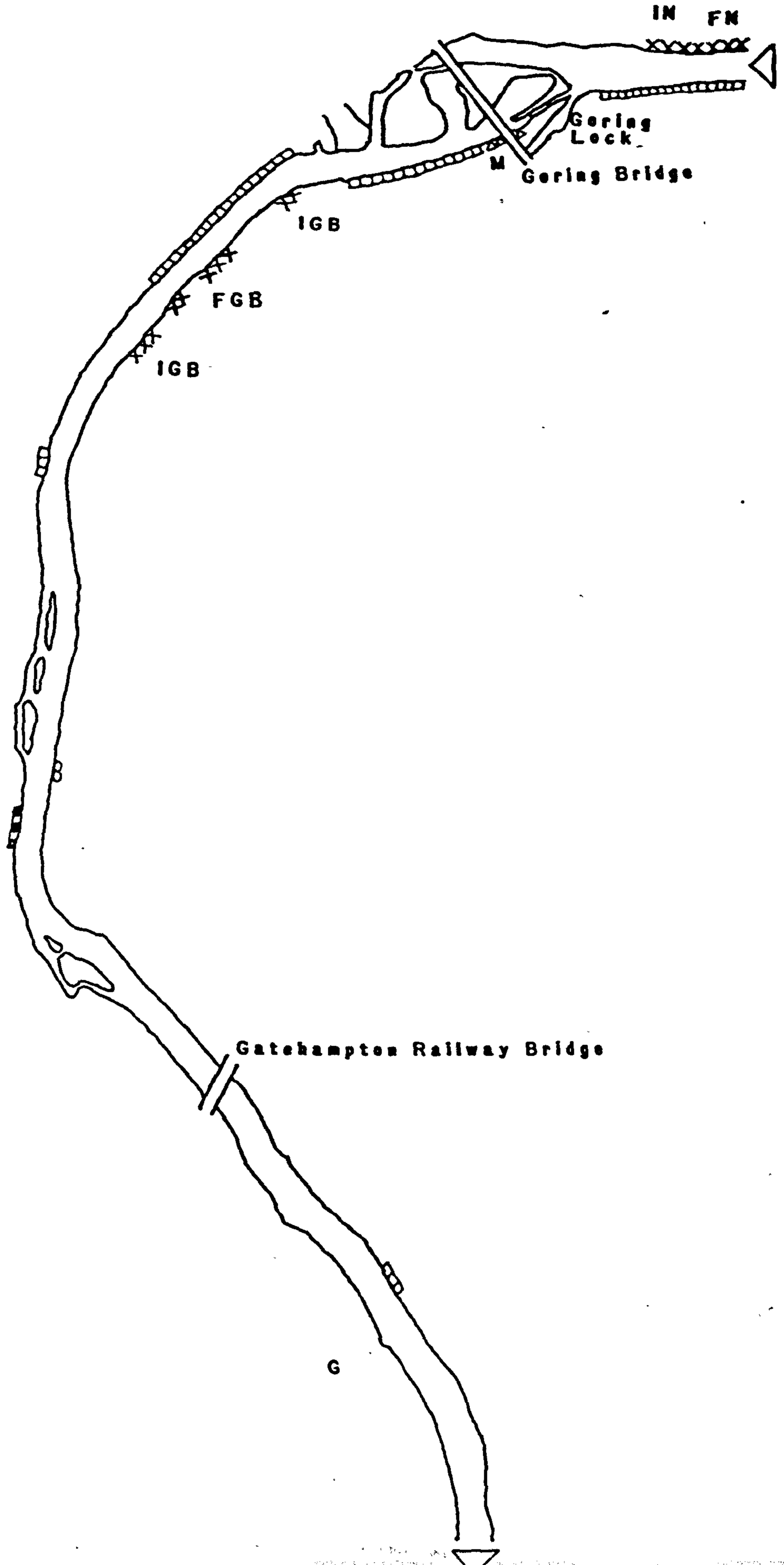

G
G
M
Cleeve
Lock
G
M
IN
FN

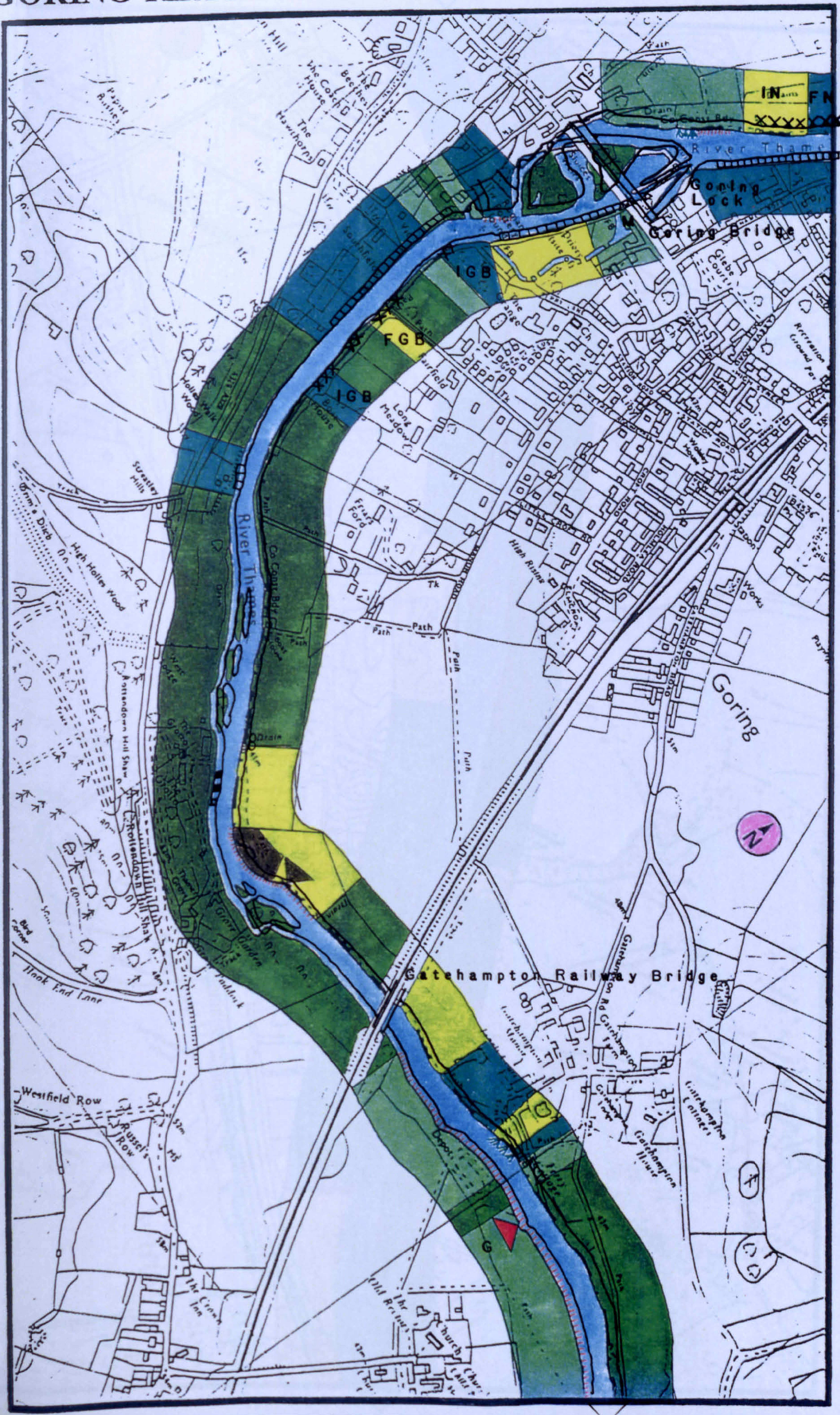
CLEEVE REACH IV



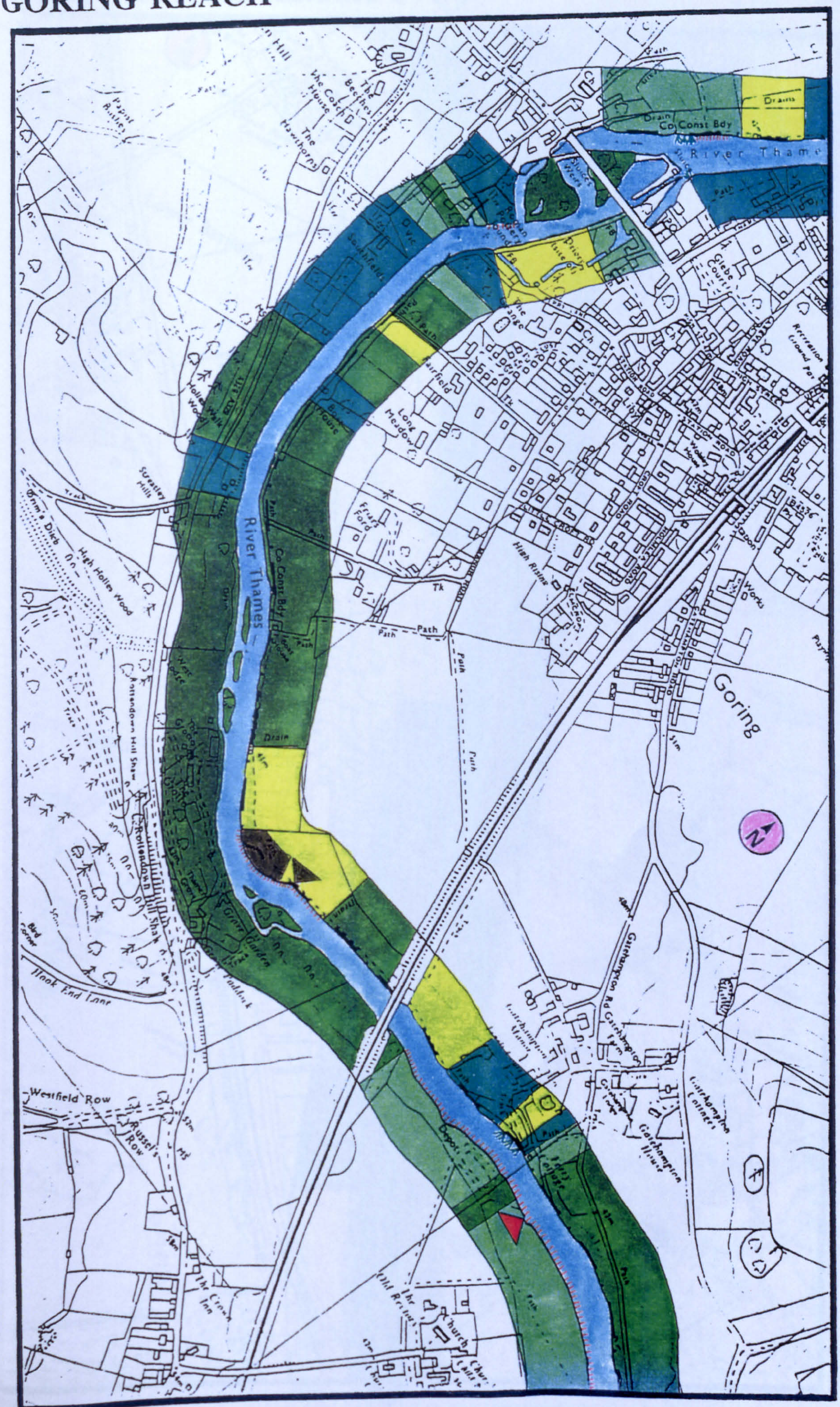
CLEEVE REACH IV

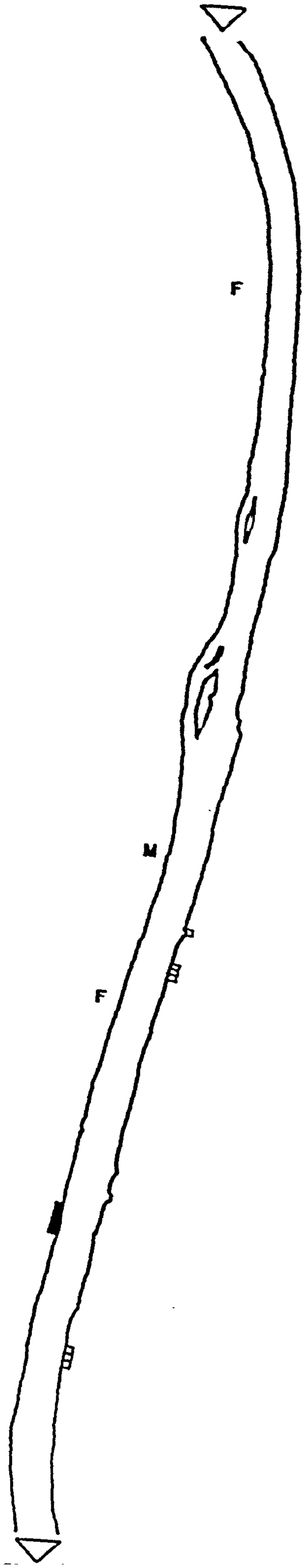



IN
FM
Goring Lock
M
Goring Bridge
IGB
FGB
IGB
Gatehampton Railway Bridge
G

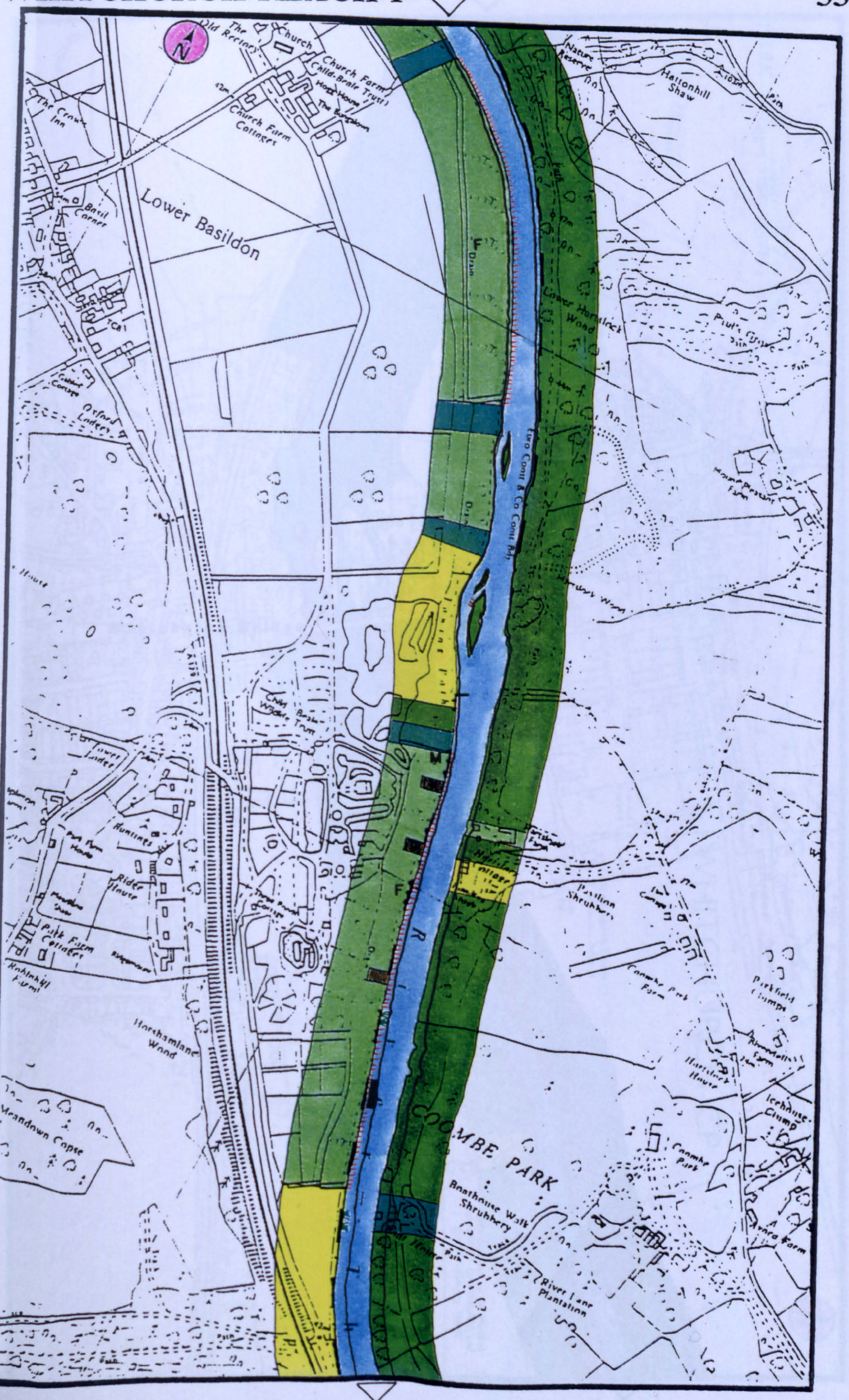

IN
FN
River Thames
Goring Lock
M
Goring Bridge
IGB
FGB
IGB
River Thames
Co Const Bdy
Streatley Hills
High Holles Wood
Rottendown Hill Shaw
Hook End Lane
Westfield Row
Russel's Row
The Crown Inn
Gatehampton Railway Bridge
Goring
Glebe Court
Recreation Ground
Station Road
High Street
High Rising
Little Croft Rd
Works
Gatehampton Rd
Gatehampton House
Gatehampton Cottages
Long Meadow
Fairfield
The Hawthorns
The Coach House
The Beeches
Friars Ford
Path
Tk
Drain
Depot
G

GORING REACH

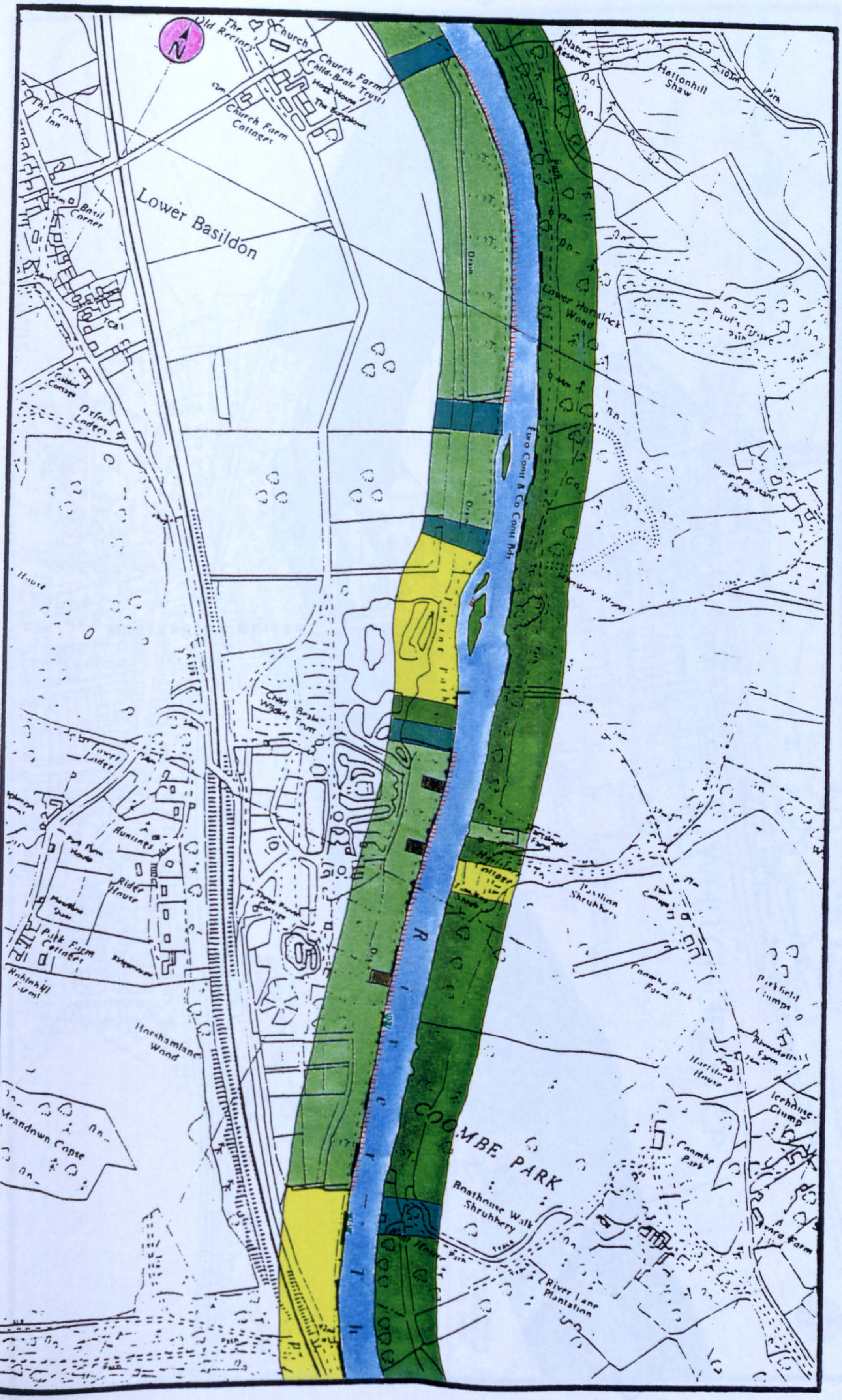


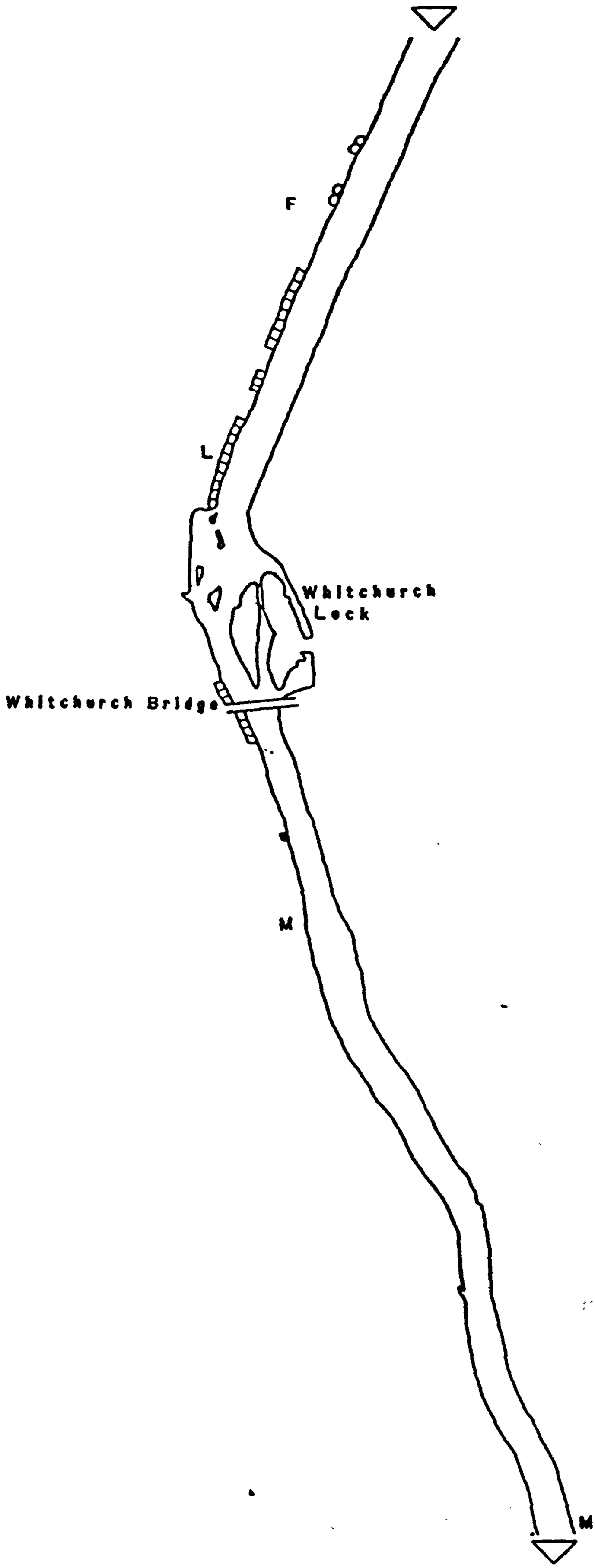

F
M
F

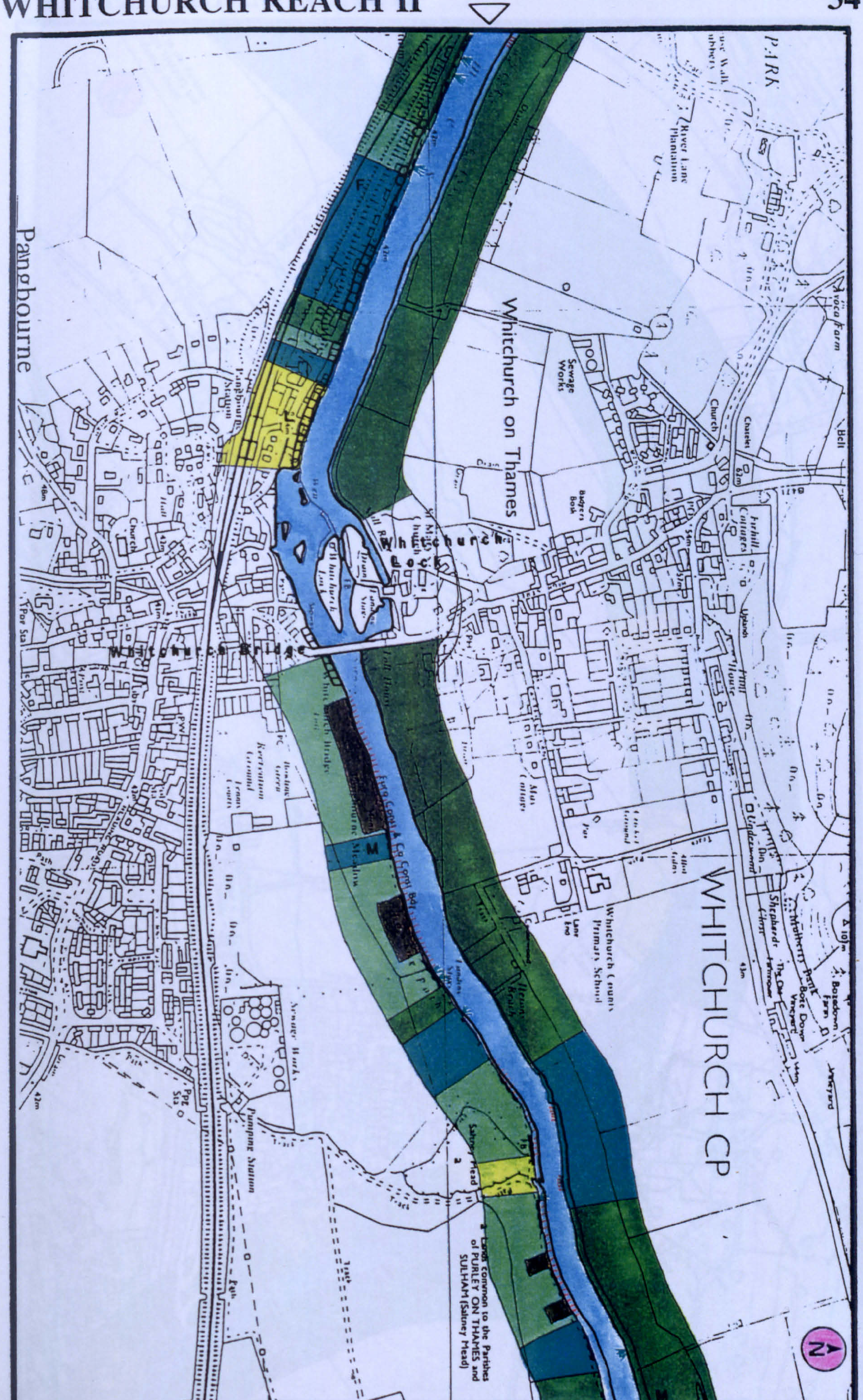
WHITCHURCH REACH I



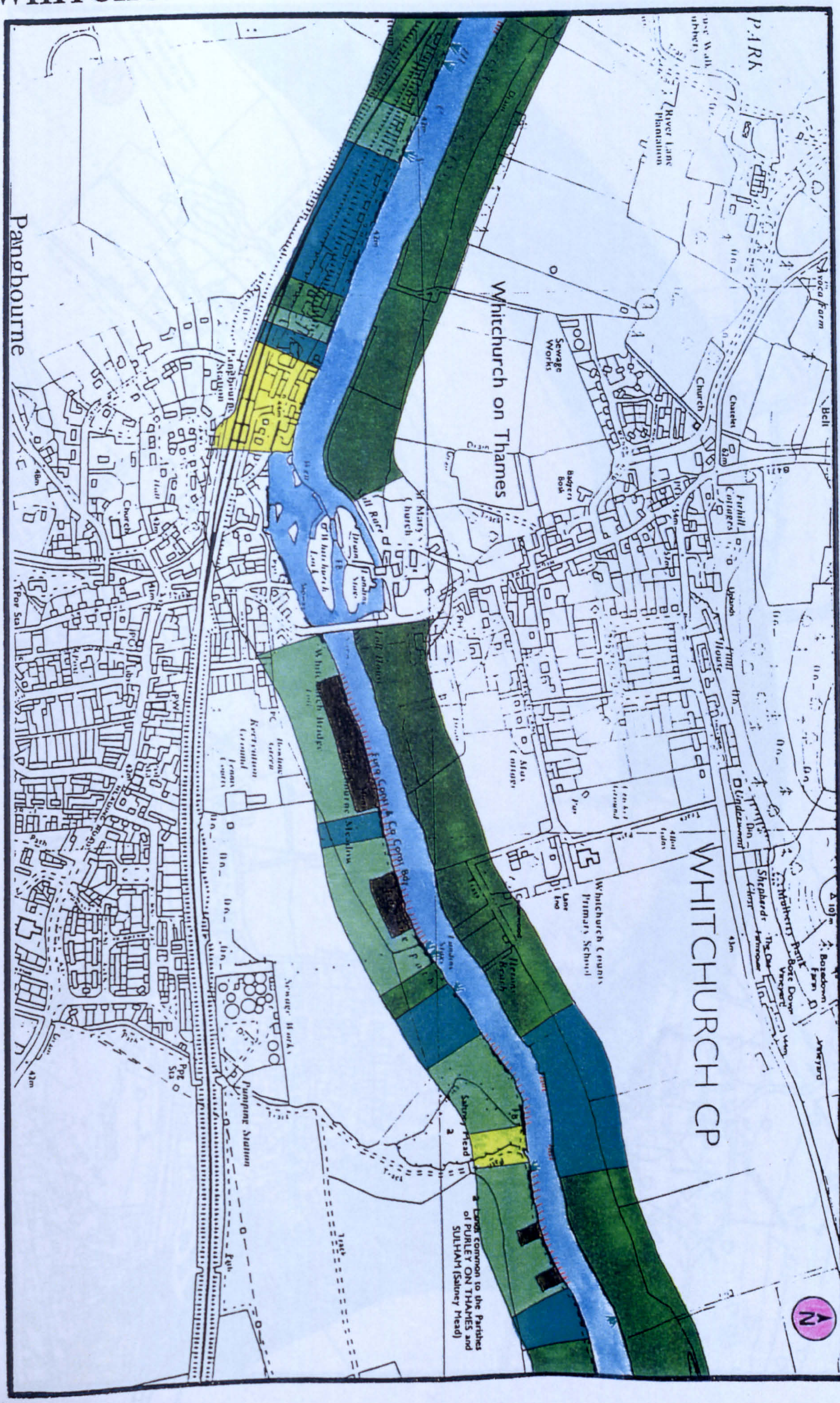
WHITCHURCH REACH I




F
L
Whitchurch Lock
Whitchurch Bridge
M
M

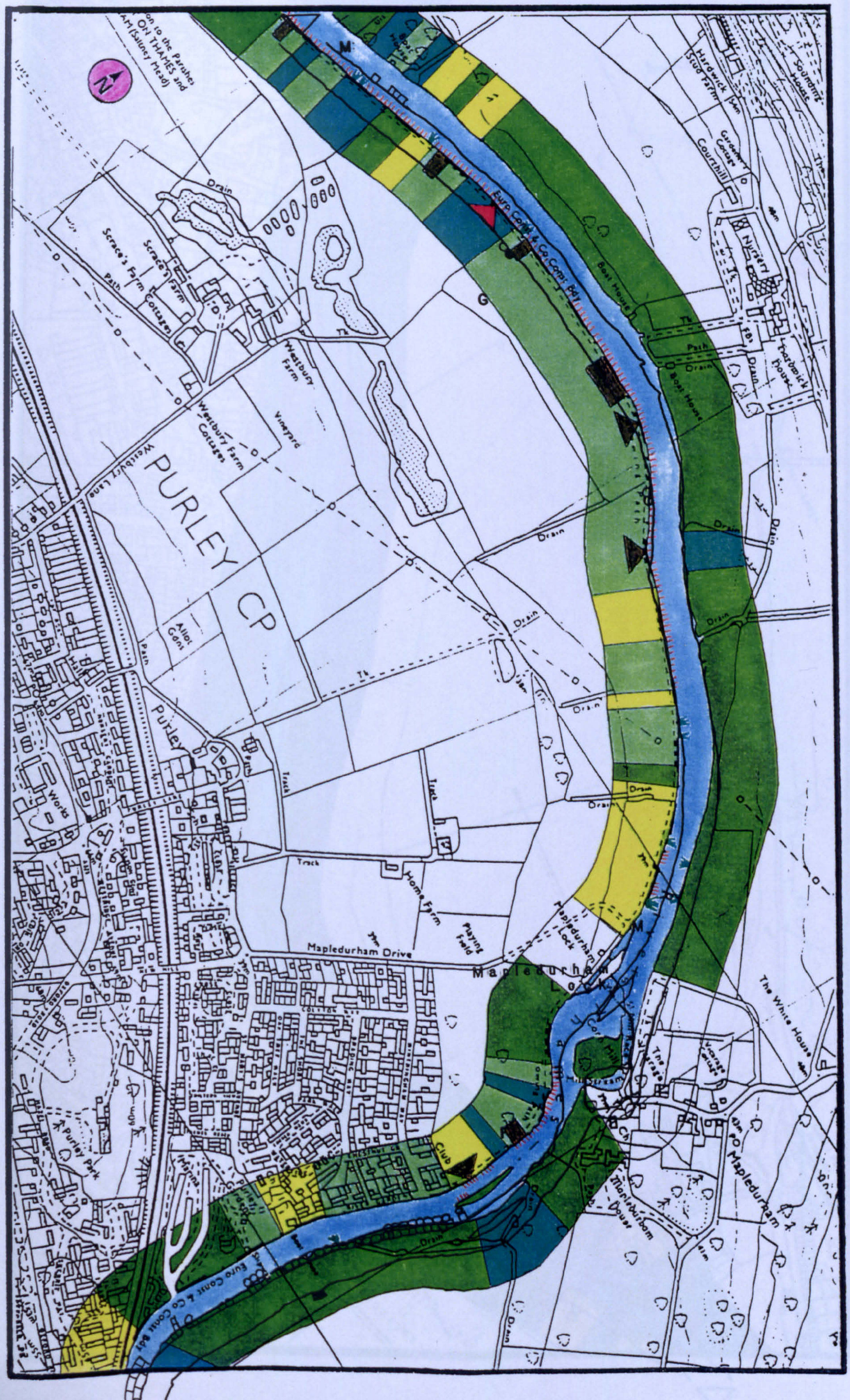

Pangbourne
Pangbourne Station
Church
Whitchurch Bridge
Whitchurch Lock
Whitchurch on Thames
Sewage Works
Church
Chaslet
Bell
Avoca Farm
PARK
River Lane Plantation
Badgers Bosk
Firhill Cottages
Uplands
Recreation Ground
Tennis Courts
Pumping Station
Sewage Works
Whitchurch County Primary School
Lane End
WHITCHURCH CP
Shepherds Cliff
Bozedown Farm
Bozedown Vineyard
Vineyard
Saltney Mead
M
2
2 Lands common to the Parishes of PURLEY ON THAMES and SULHAM (Saltney Mead)
Track
Path
N

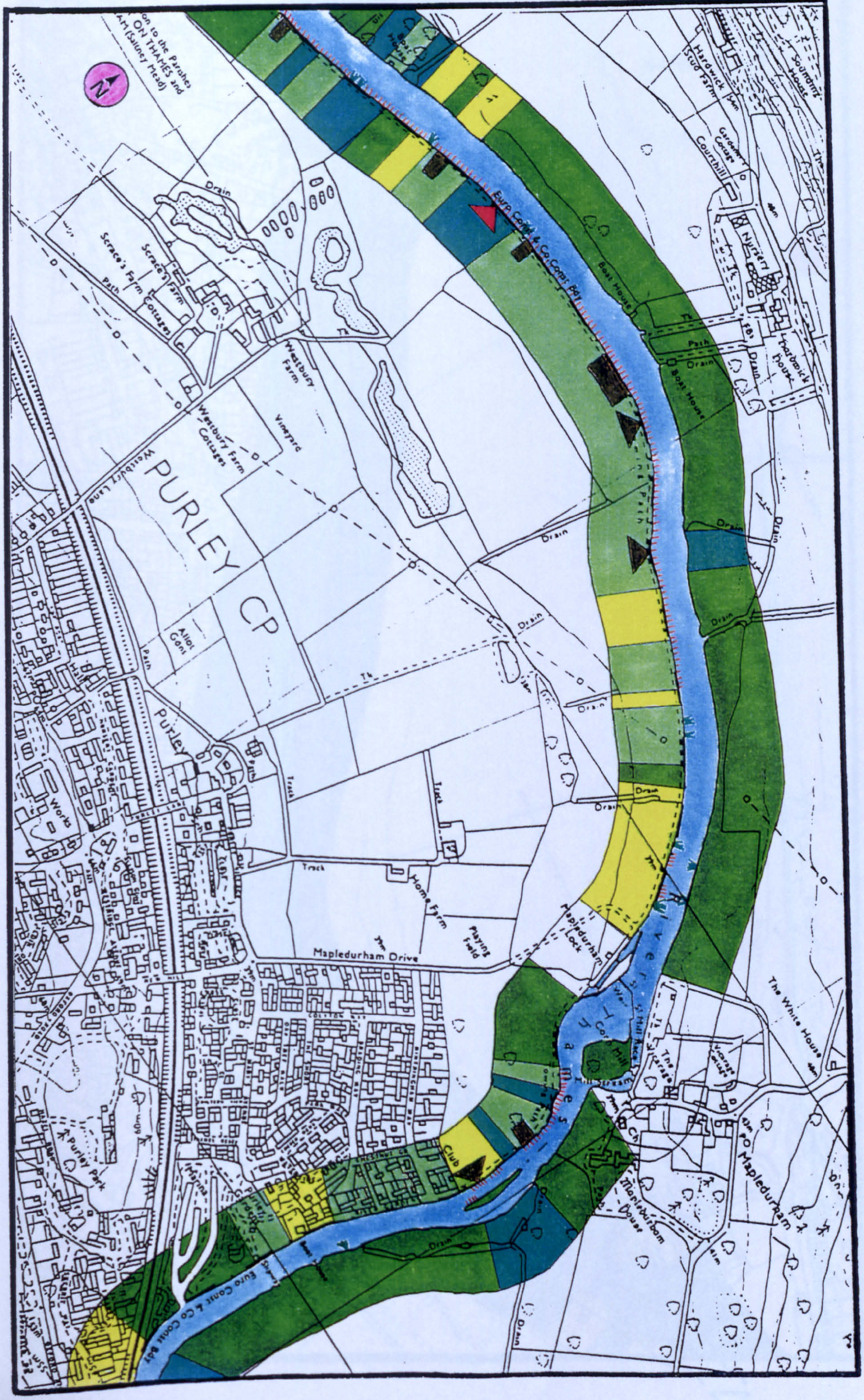
WHITCHURCH REACH II

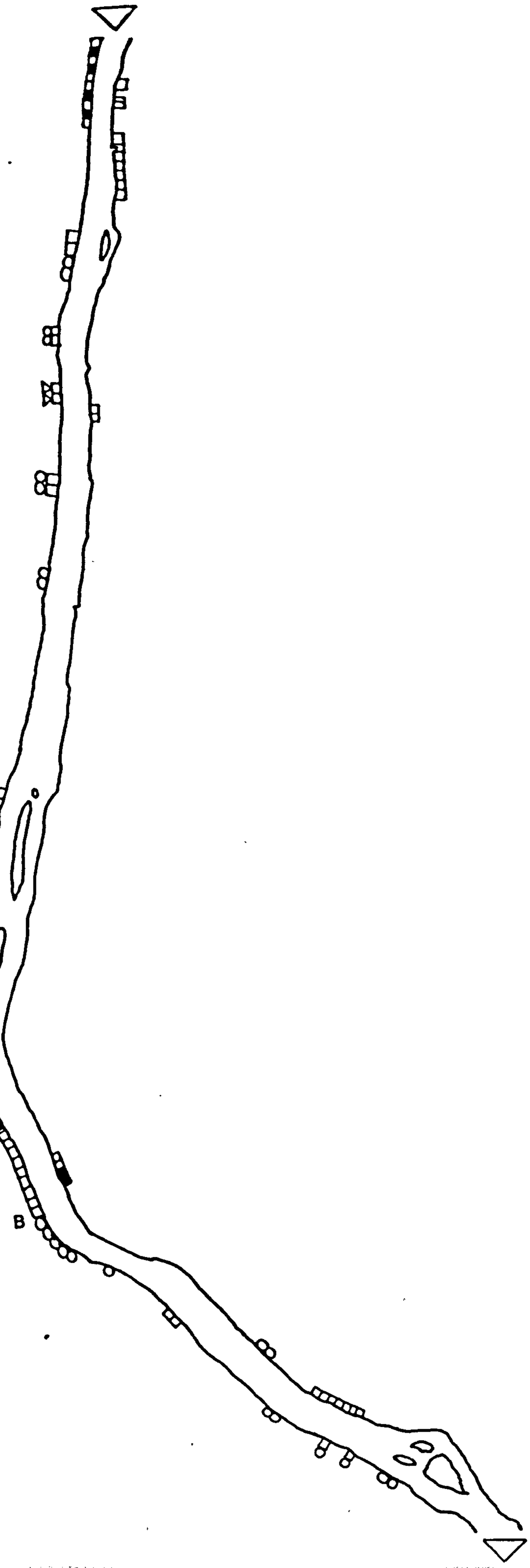


M
G
M
Mapledurham
Lock
F

MAPLEDURHAM REACH

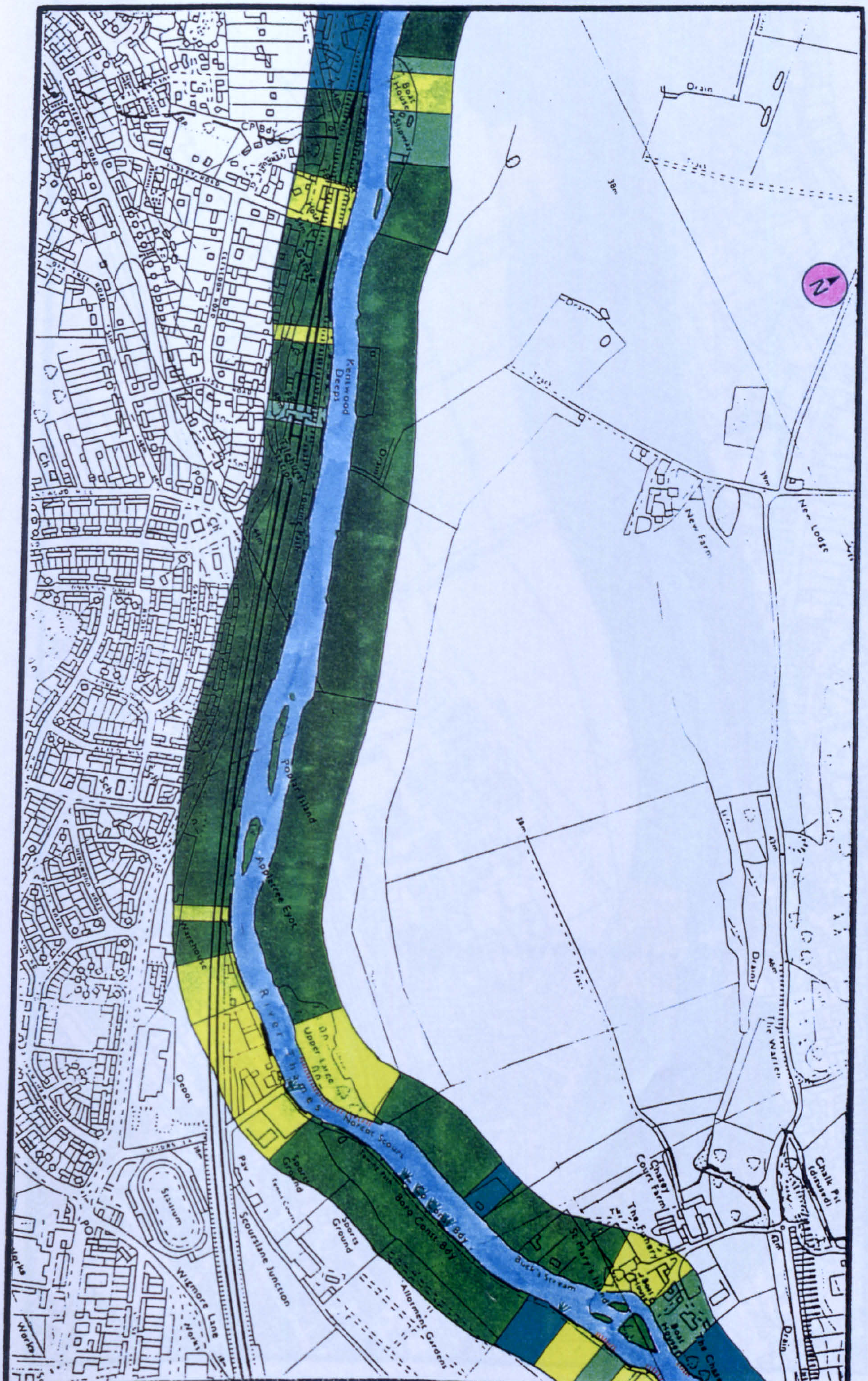



on to the Parishes
ON THAMES and
AM (Salney Mead)
Drain
Scrace's Farm
Scrace's Farm Cottages
Path
Westbury Farm
Westbury Farm Cottages
Vineyard
Westbury Lane
PURLEY CP
Allot Gons
Path
Purley
Works
Track
Home Farm
Playing Field
Mapledurham Drive
Purley Park
Marina
Club
Euro Const & Co Const Bdy
Boat House
Boat Houses
Hardwick Stud Farm
Gardener's Cottage
Courthill
Nursery
Hardwick House
Path
Drain
River Thames
Mapledurham Lock
Weir
Corn Mill
Mill Race
Mill Stream
The Vicarage
Vicarage Cottage
The White House
Ch
Mapledurham
Mapledurham House


B

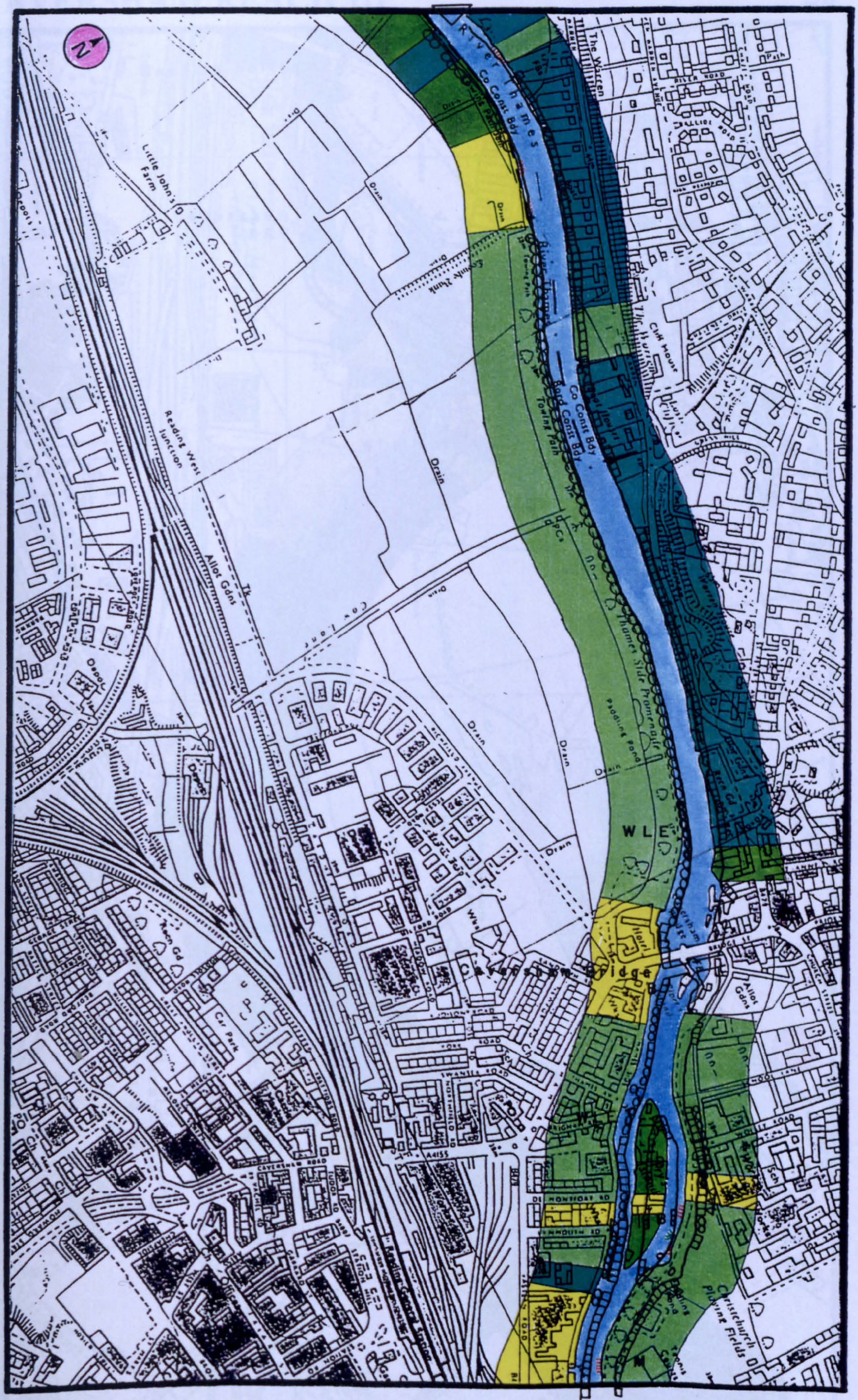
CP Bdy
Boat House
Slipway
Kennwood Deeps
Drain
Towing Path
Poplar Island
Poplar Eyot
Warehouse
River Thames
Upper Lakes
Norcot Scours
Sports Ground
Depot
Stadium
Wigmore Lane
Works
Scourslane Junction
Allotment Gardens
Boro Const Bdy
Buck's Stream
St Mary's Island
The Fishery
Chazey Court Farm
Chalk Pit (disused)
The Warren
Drains
Drain
The Chase
New Farm
New Lodge
38m
Track
Ch
Sch

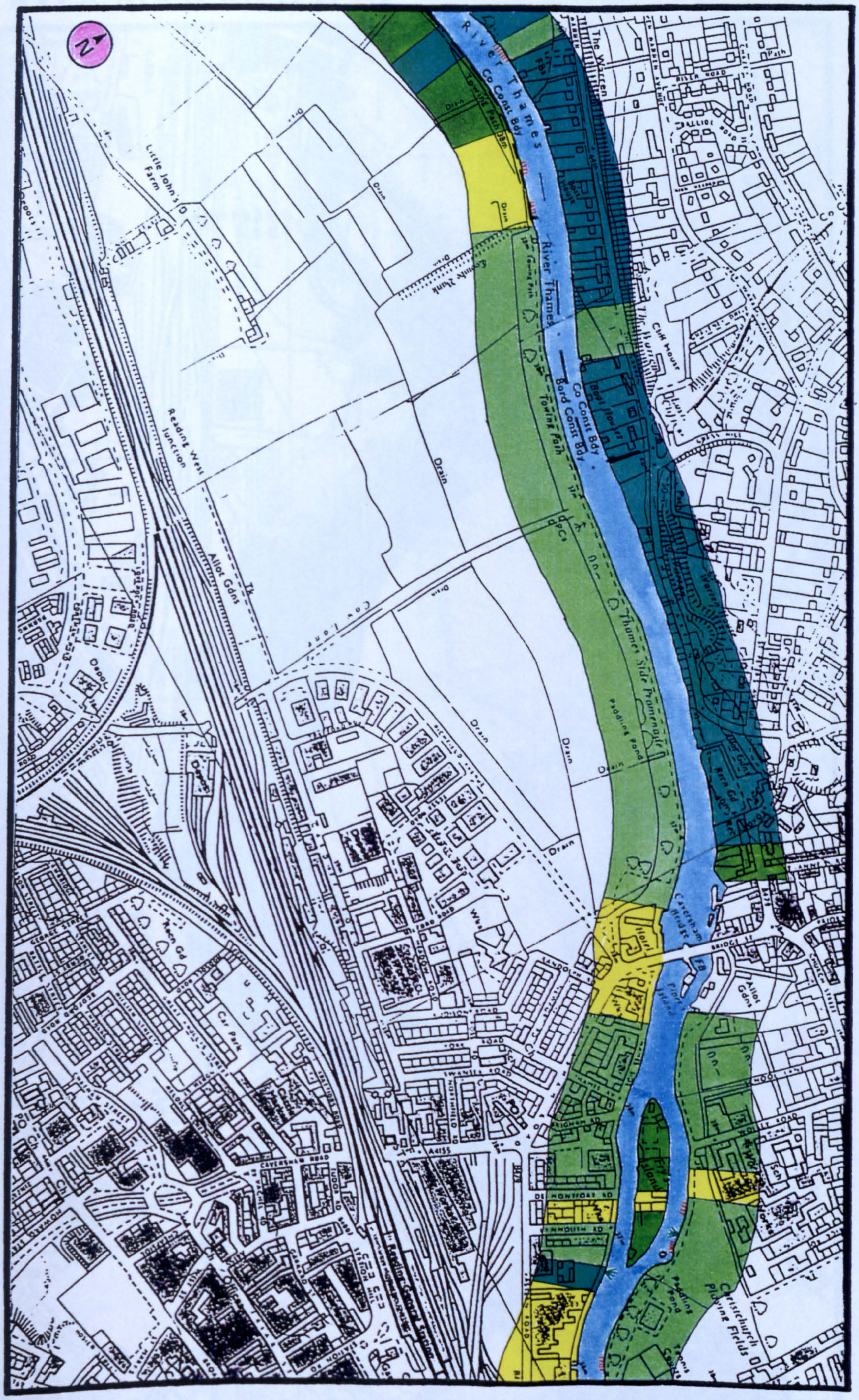
CAVERSHAM REACH I

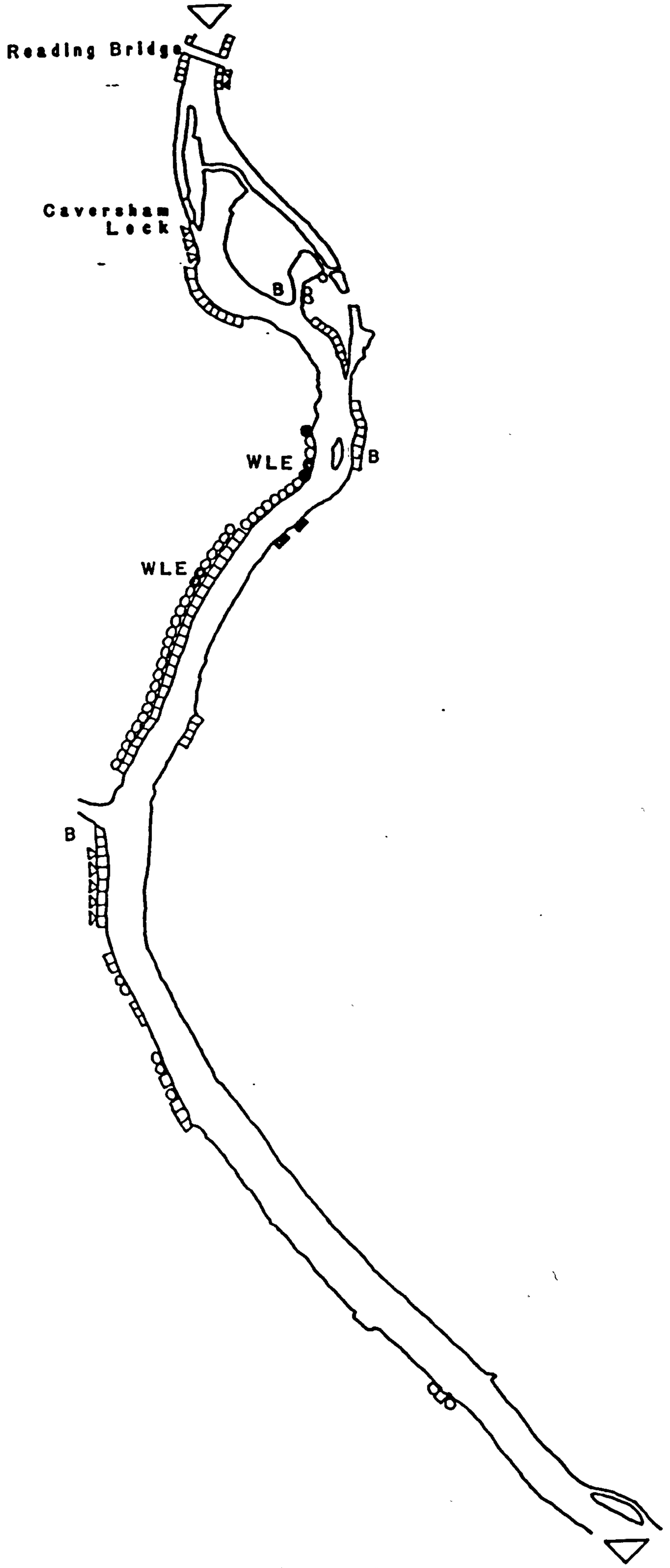


WLE
Caversham Bridge
B
WLE
B
B
M

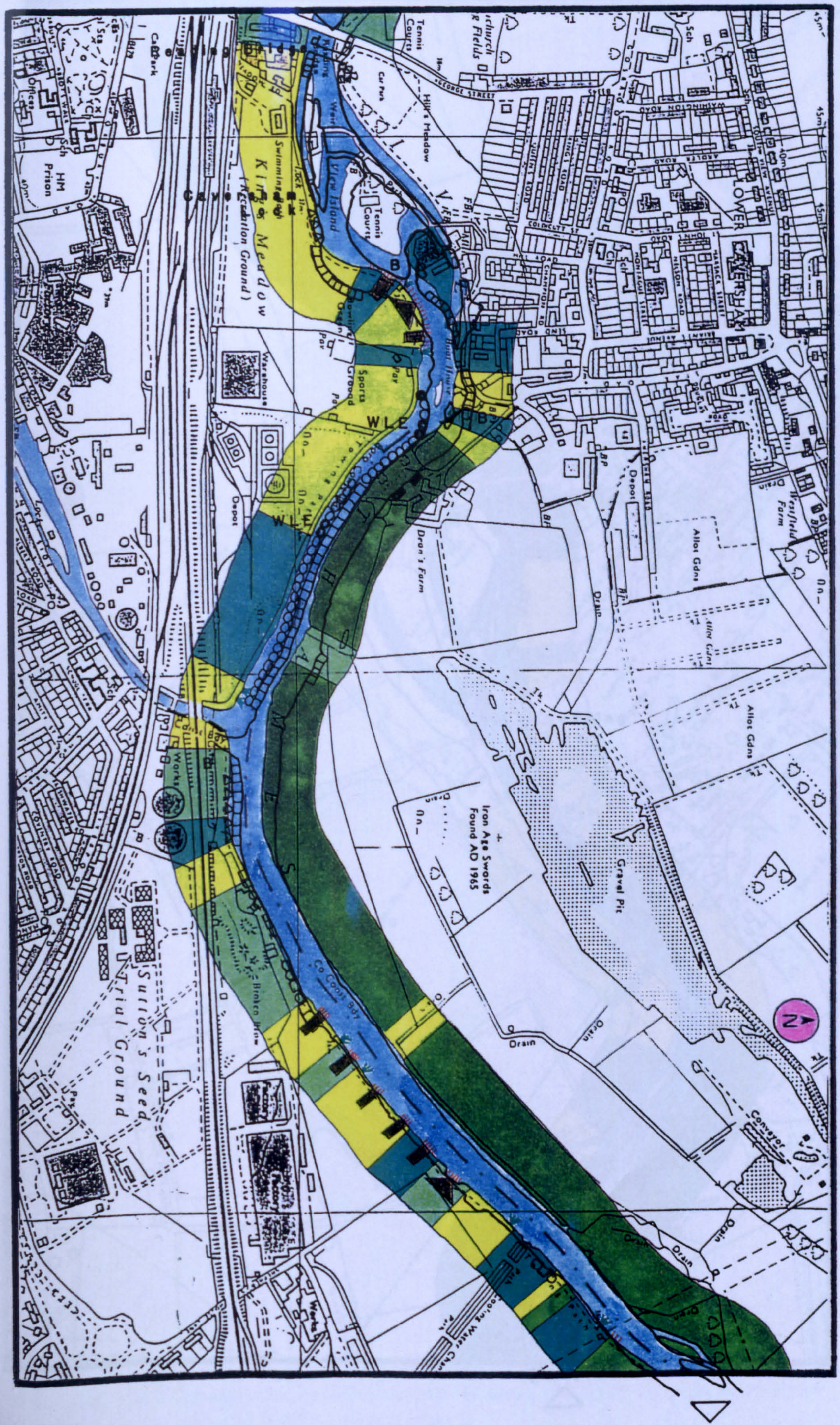
CAVERSHAM REACH II



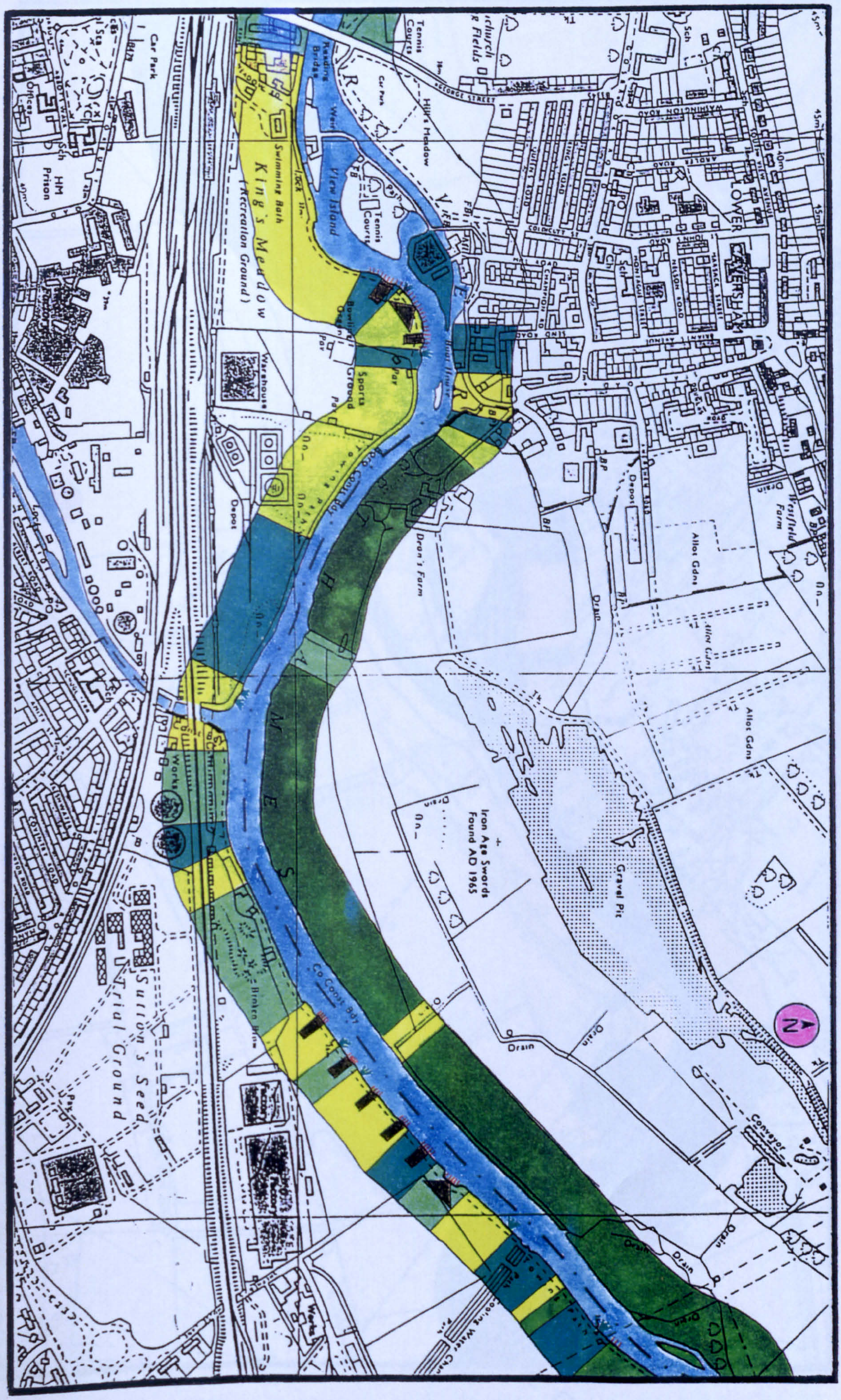

River Thames
Co Const Bdy
Towing Path
Drain
Little John's Farm
Reading Canal Junction
Allot Gdns
Car Park
Caversham Road
Tudor Rd
Station Rd
Reading General Station
Bridge Rd
Church Rd
Prospect St
Peppard Rd
Caversham Bridge
Pipers Island
Fry's Island
Peppard Pond
Christchurch Playing Fields
Tennis Courts
Bowling Green
Pavilion
Clubhouse
Path
Footbridge

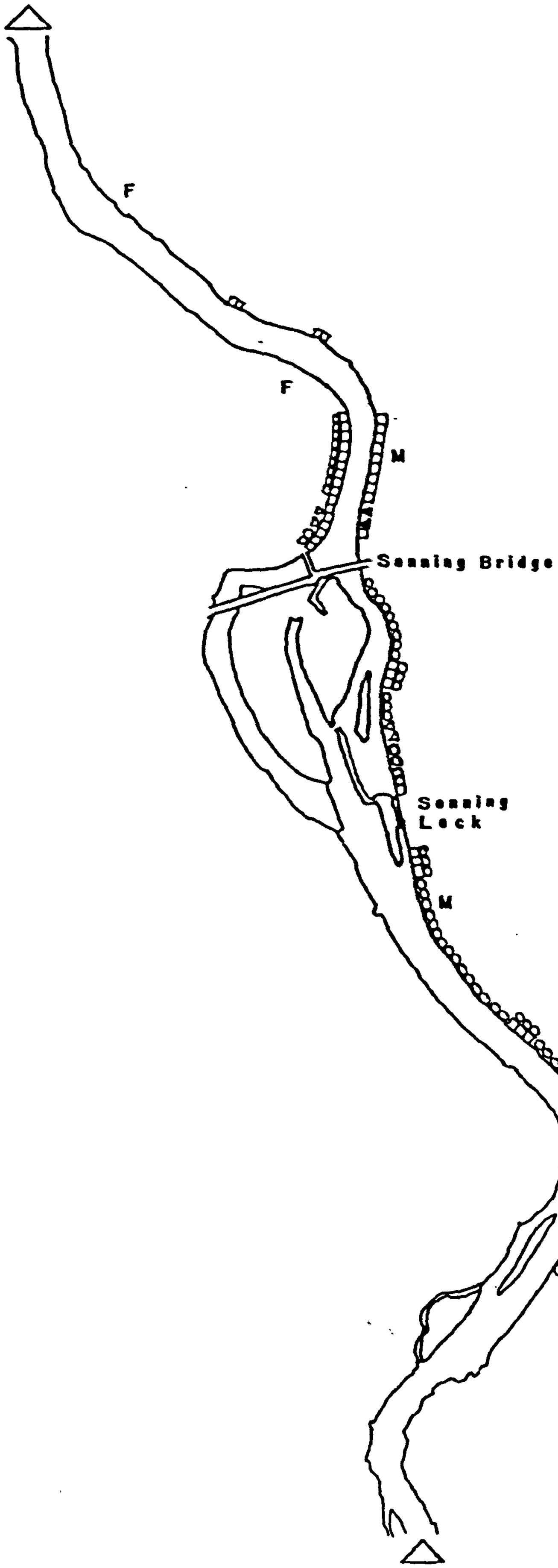

Reading Bridge
Caversham Lock
B
WLE
B
WLE
B

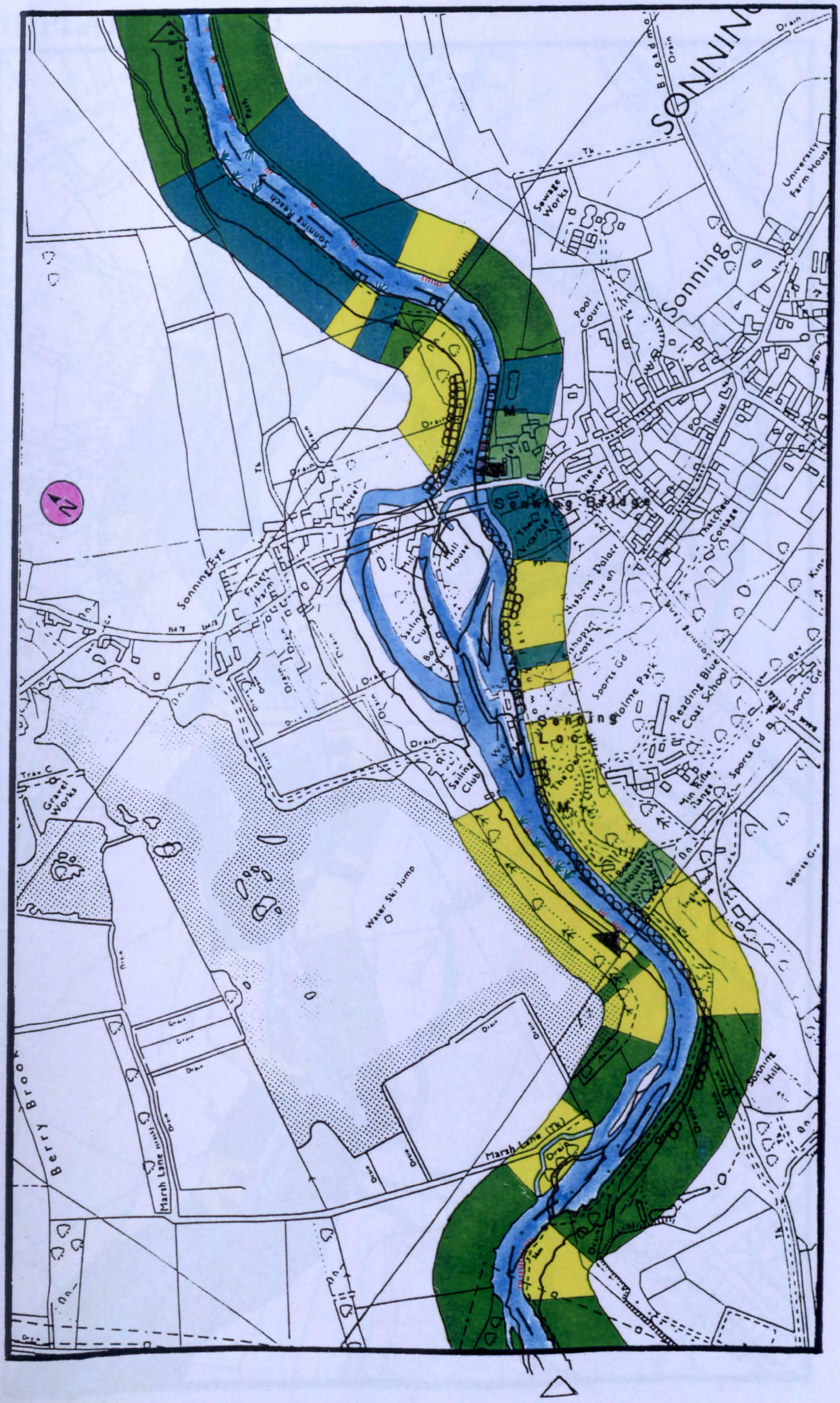
CAVERSHAM REACH III

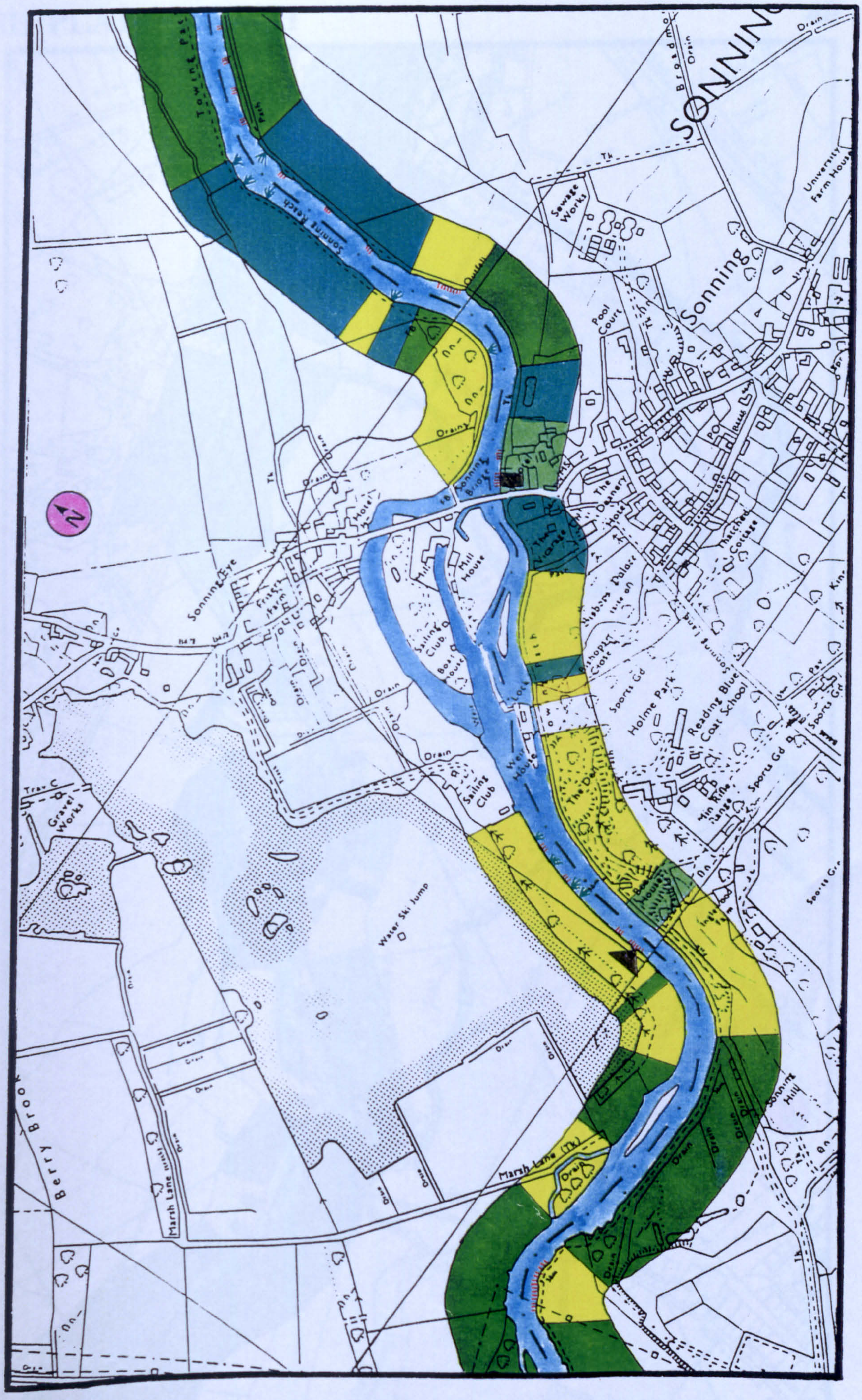


CAVERSHAM REACH III



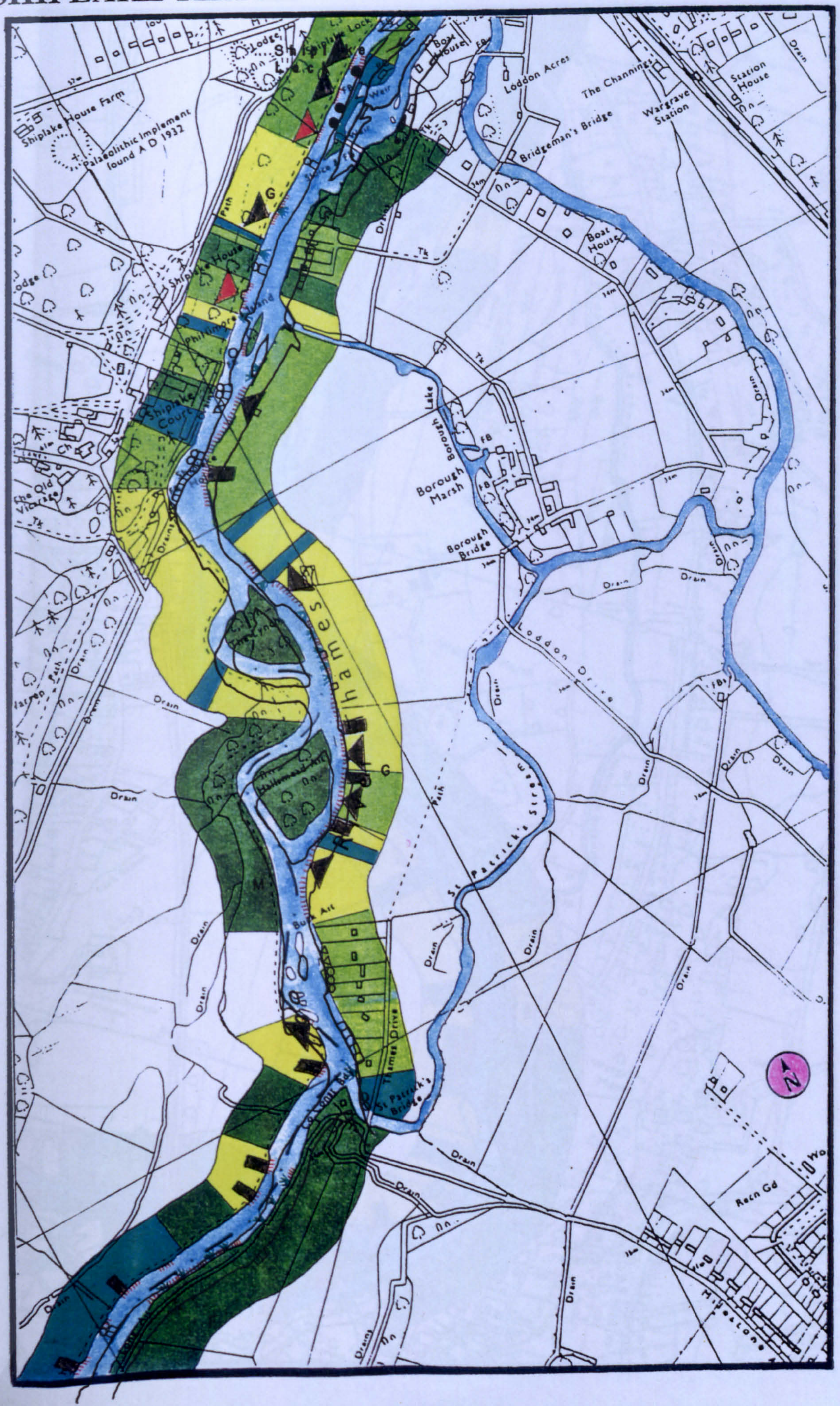

F
F
M
Sonning Bridge
Sonning
Lock
M


Towing Path
Sonning Reach
Sewage Works
Broad mead
Drain
University Farm House
Sonning
Pool Court
Sonning Lock
The Granary
Thatched Cottage
Hill House
Sonning Eye
Sailing Club
Bishopgate Croft
Sports Gd
Holme Park
Reading Blue Coat School
Rifle Range
Gravel Works
Water Ski Jump
Berry Brook
Marsh Lane
Marsh Lane (TK)
Sonning Hill

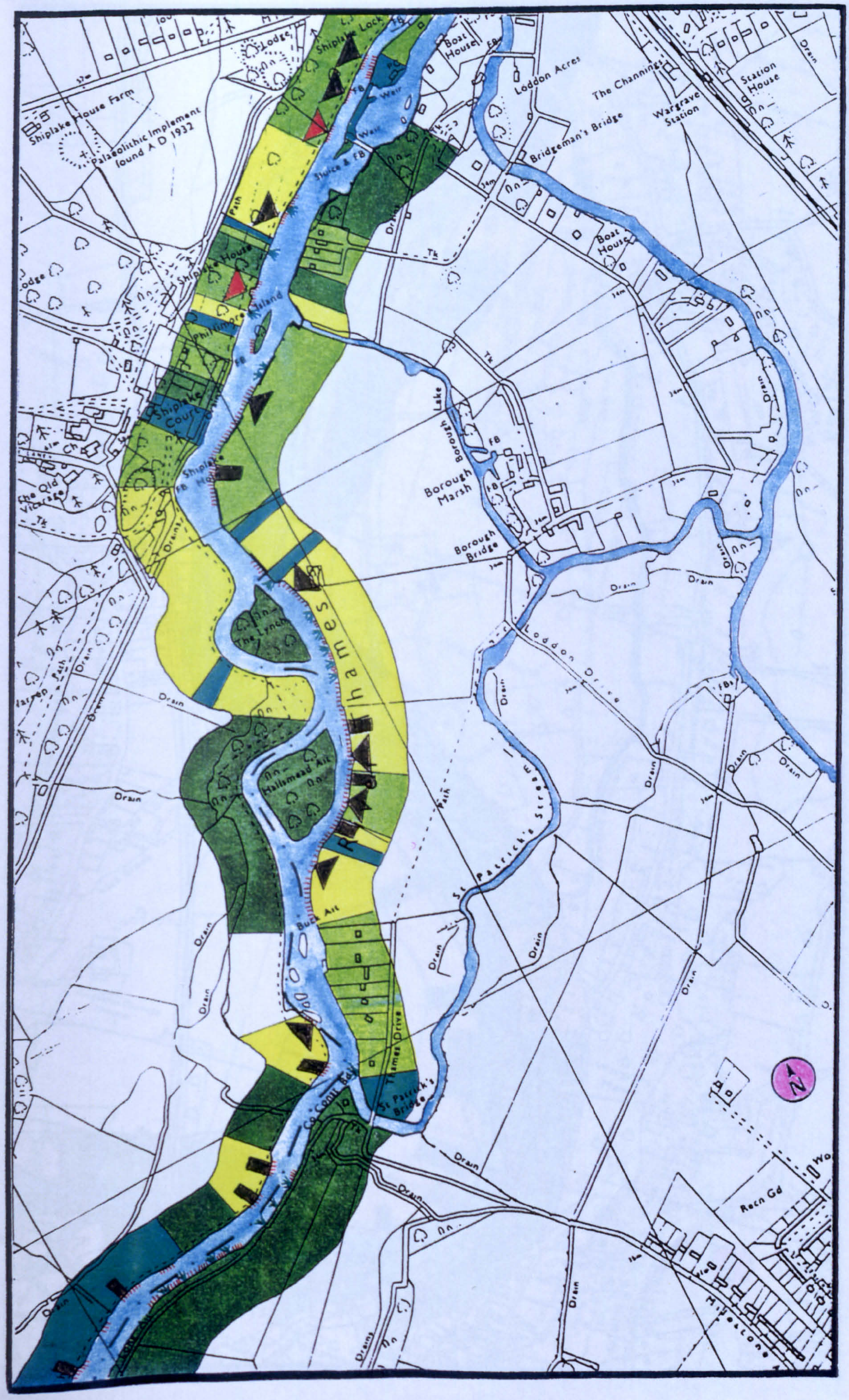

Towing Path
Sonning Reach
Sewage Works
Broad Mead
Drain
SONNING
University Farm House
Pool Court
Sonning
The Granary
Thatched Cottage
Hibbert Palace
Bishopsgate
Holme Park
Reading Blue Coat School
Sports Gd
Pay
Mill House
Sonning Eye
Frogsty Farm
Sailing Club
Boat House
Weir House
Lock
The Dell
The Island
Water Ski Jump
Gravel Works
Berry Brook
Marsh Lane
Sonning Hill
Path
Drain

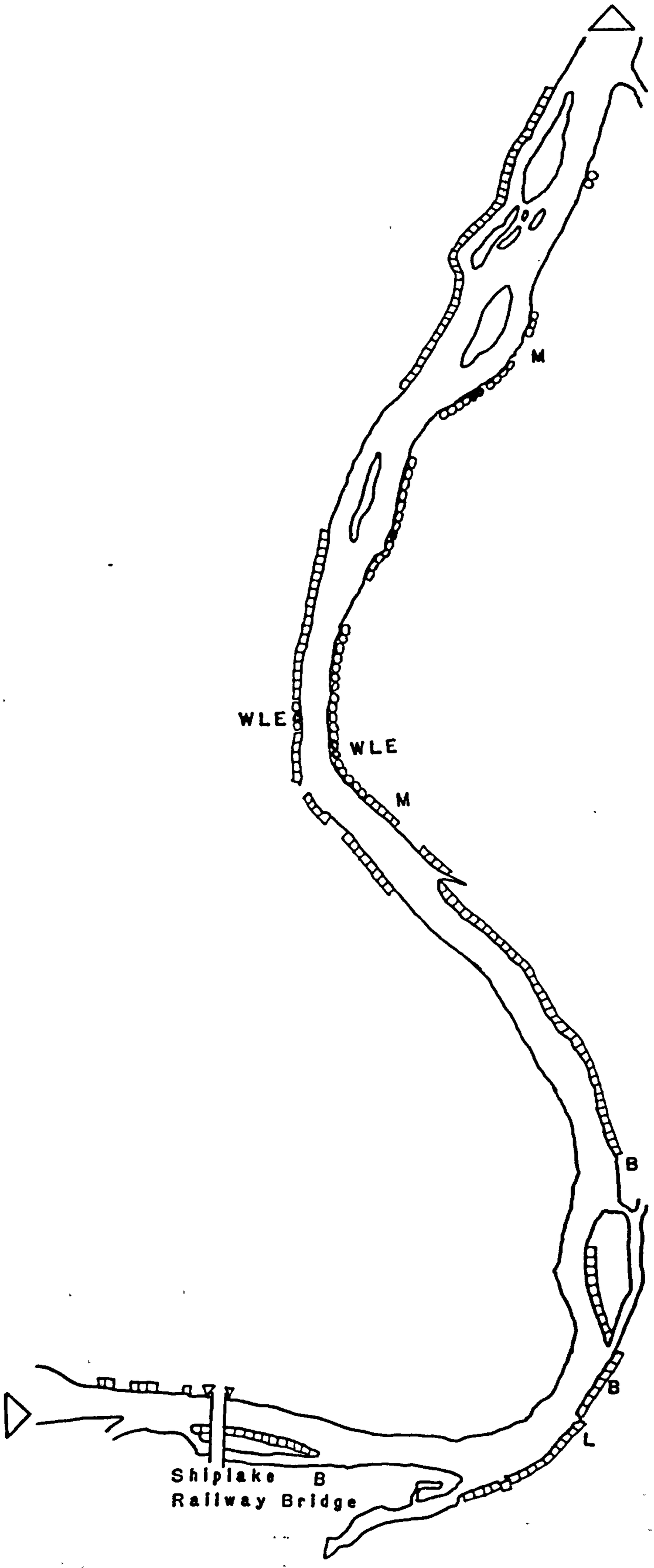
Shiplake
Lock
G
G
M
F

SHIPLAKE REACH

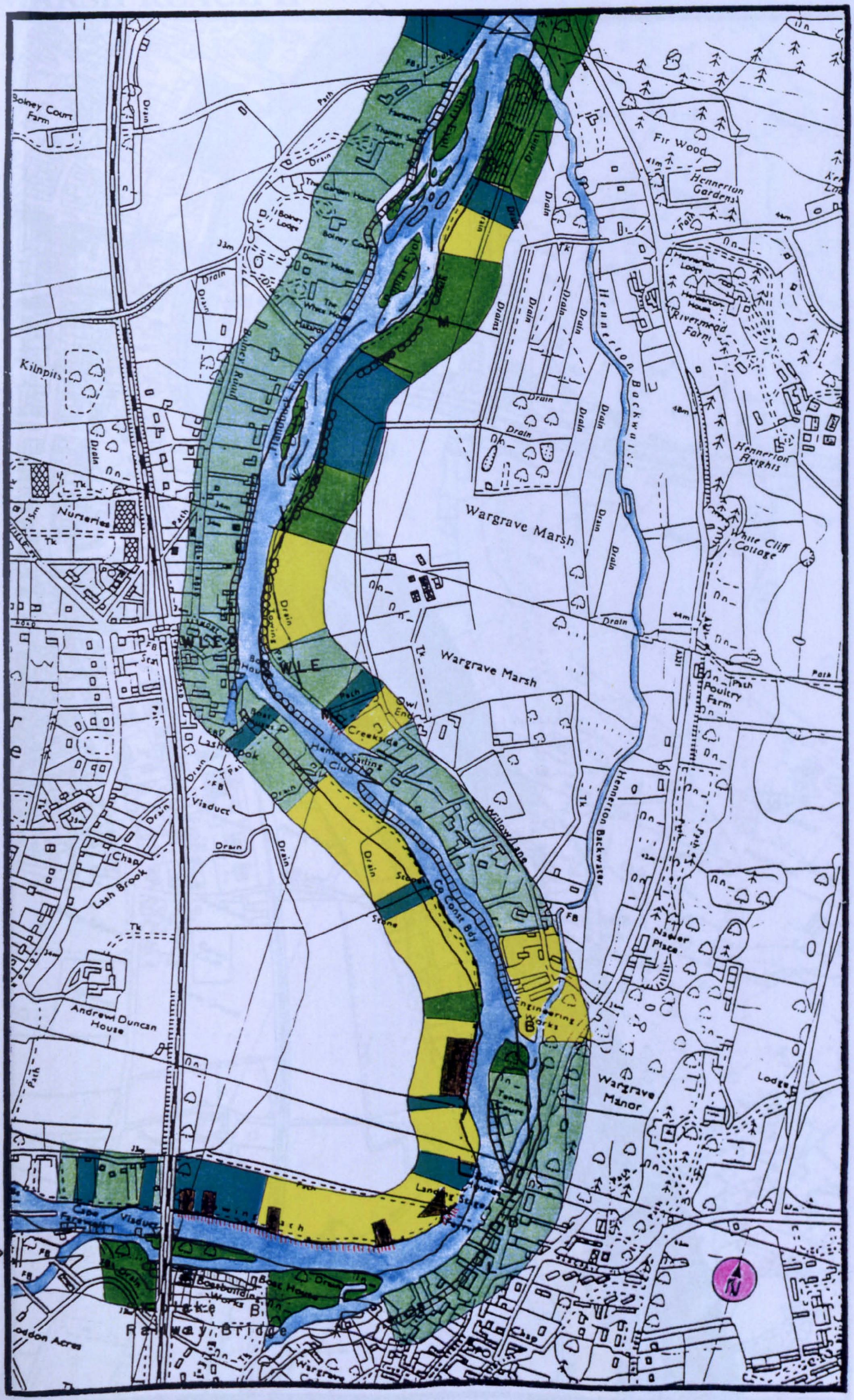


SHIPLAKE REACH

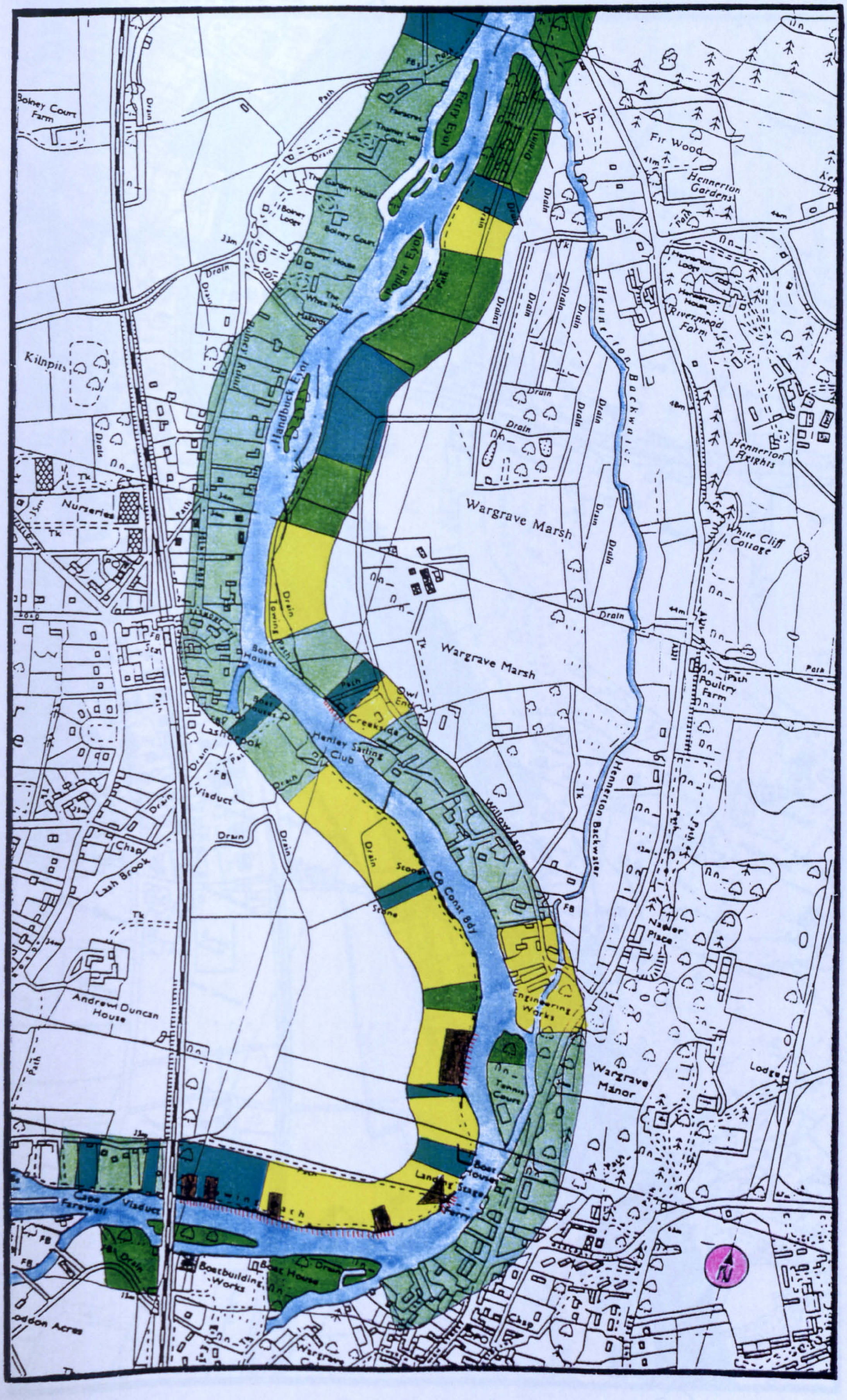


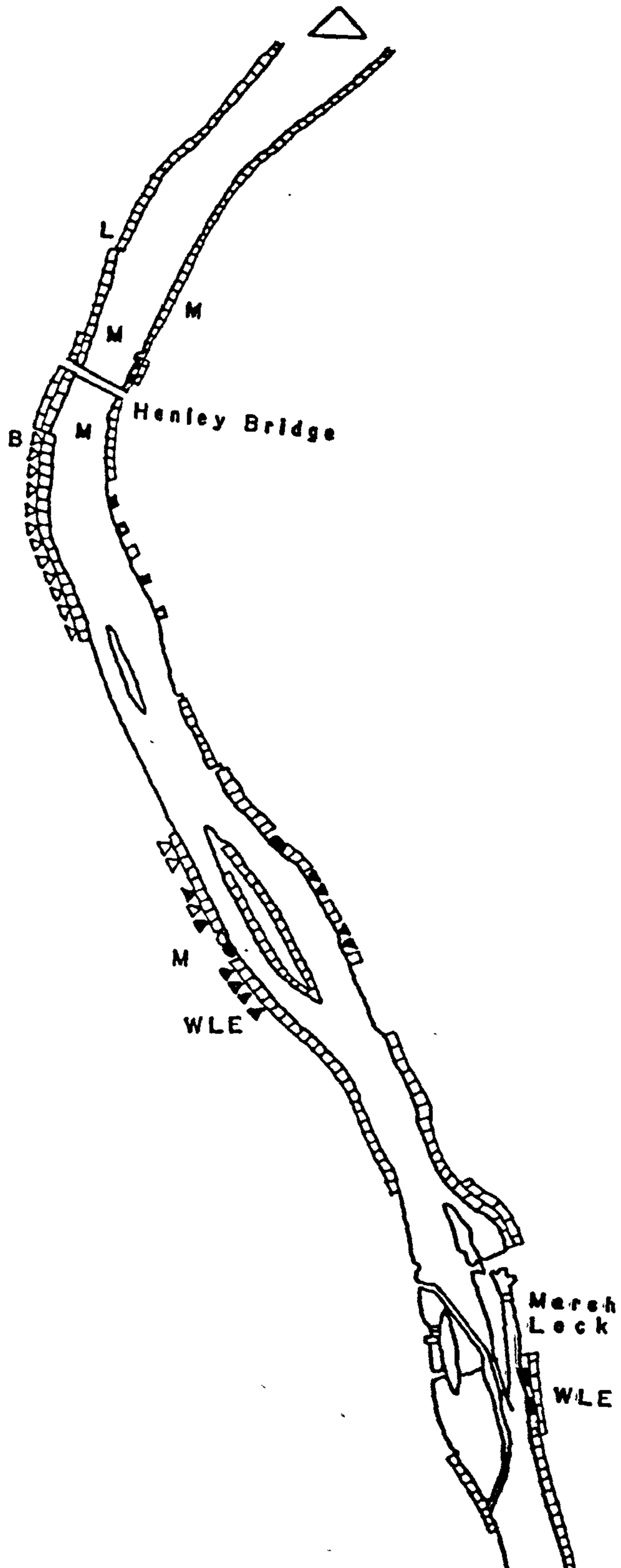

M
WLE
WLE
M
B
B
L
Shiplake B
Railway Bridge

MARSH REACH I

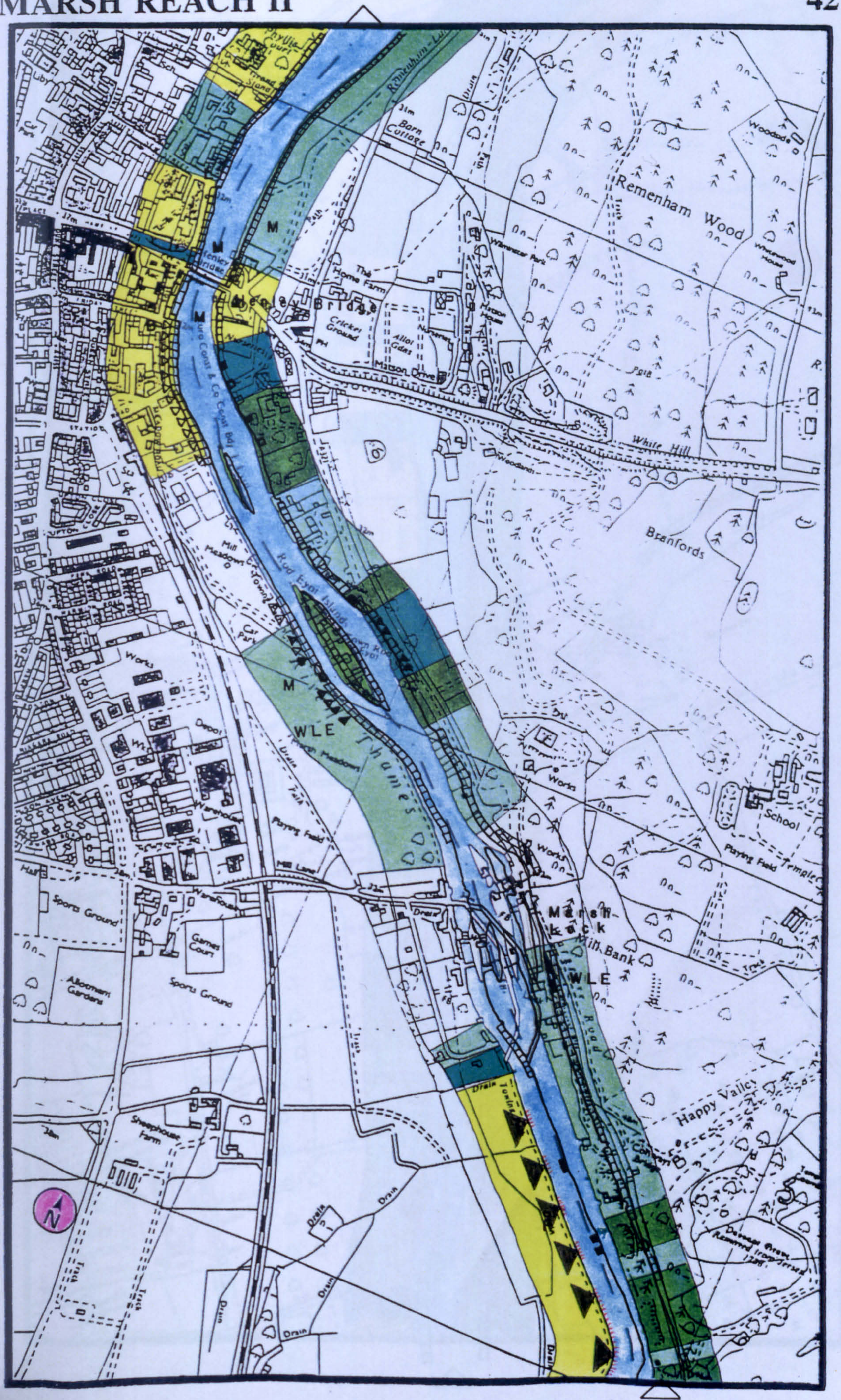


MARSH REACH I

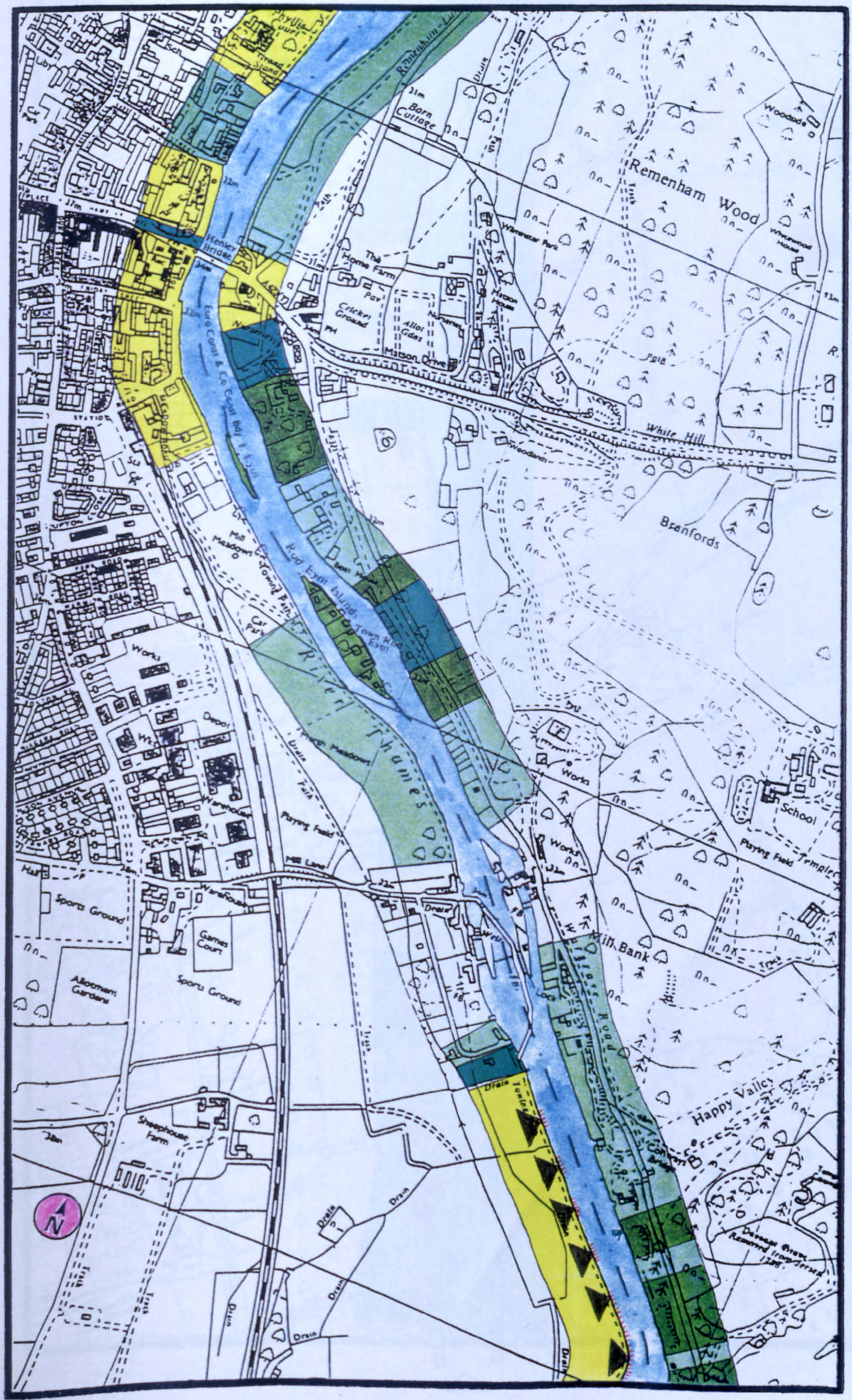


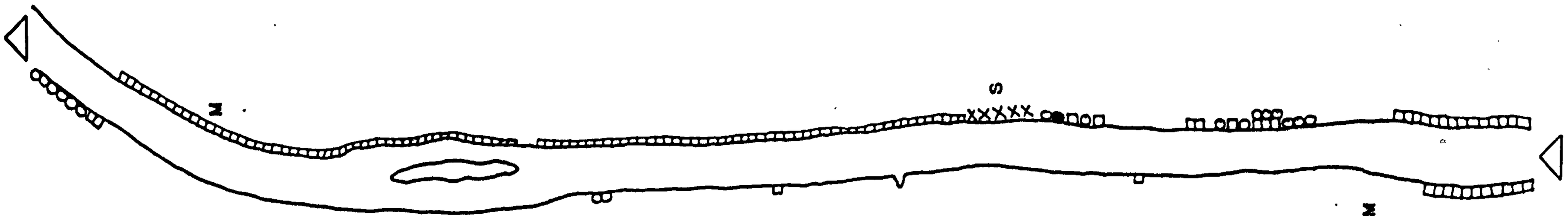

L
M
M
B
M
Henley Bridge
M
WLE
Marsh
Lock
WLE
F

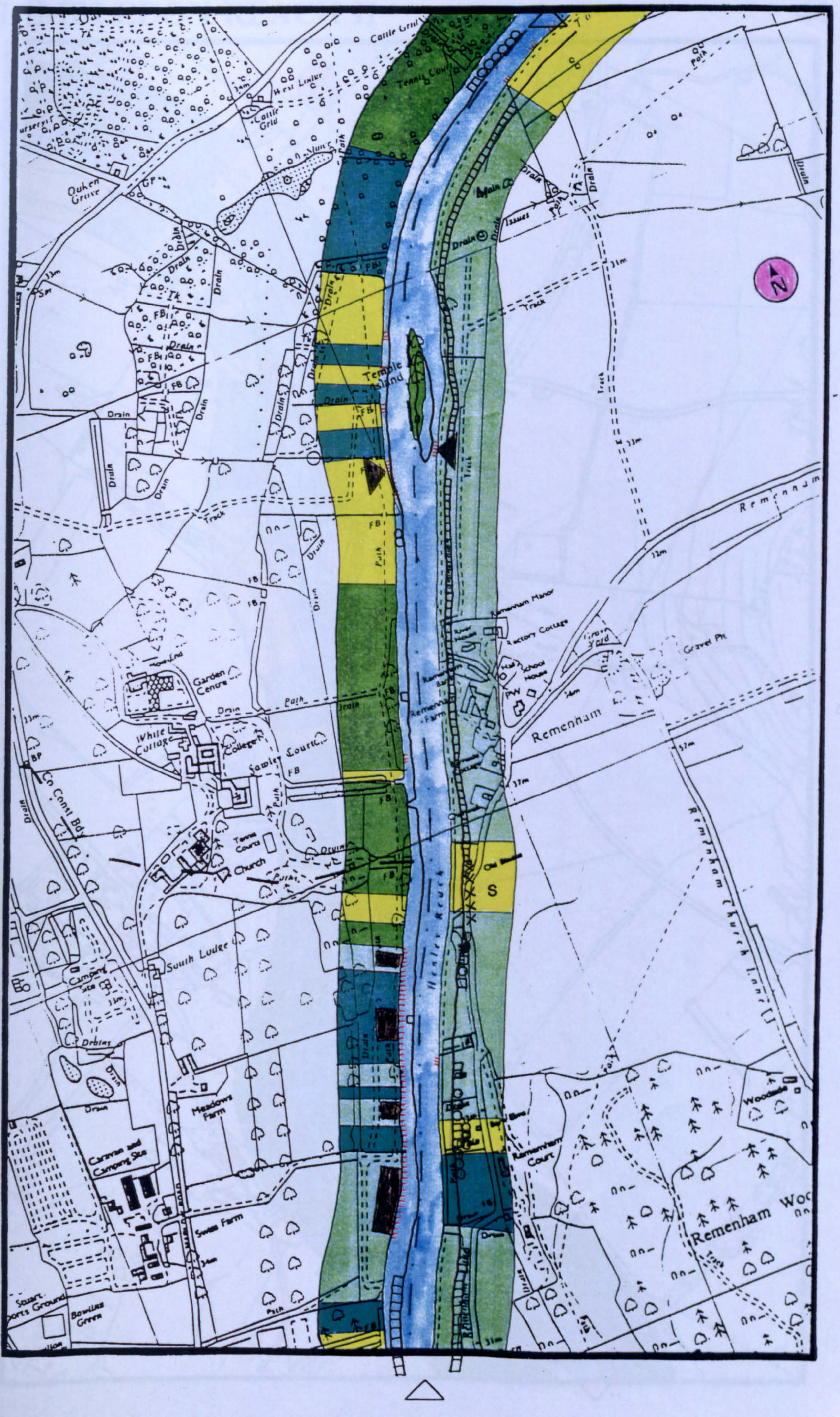
MARSH REACH II



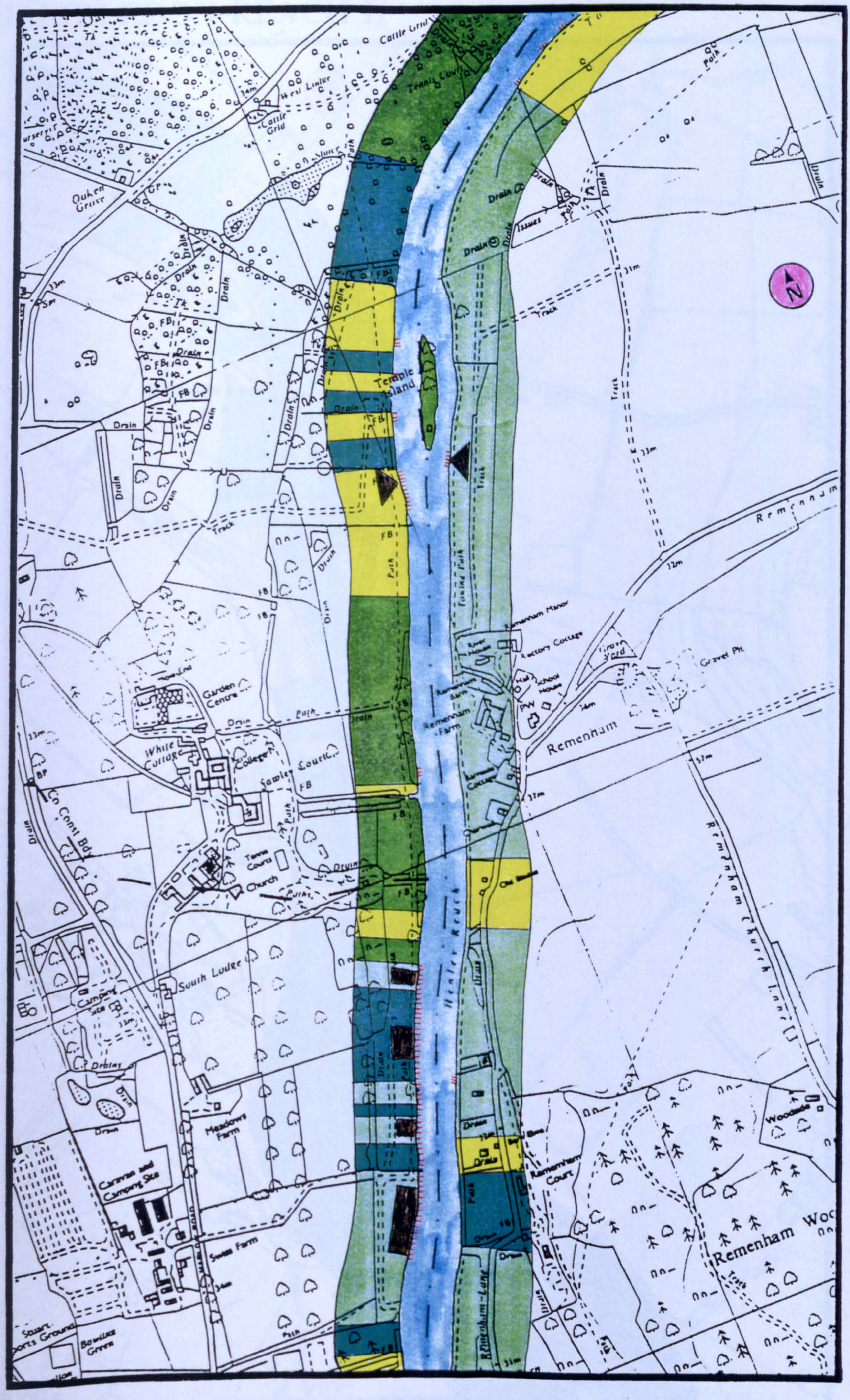
MARSH REACH II

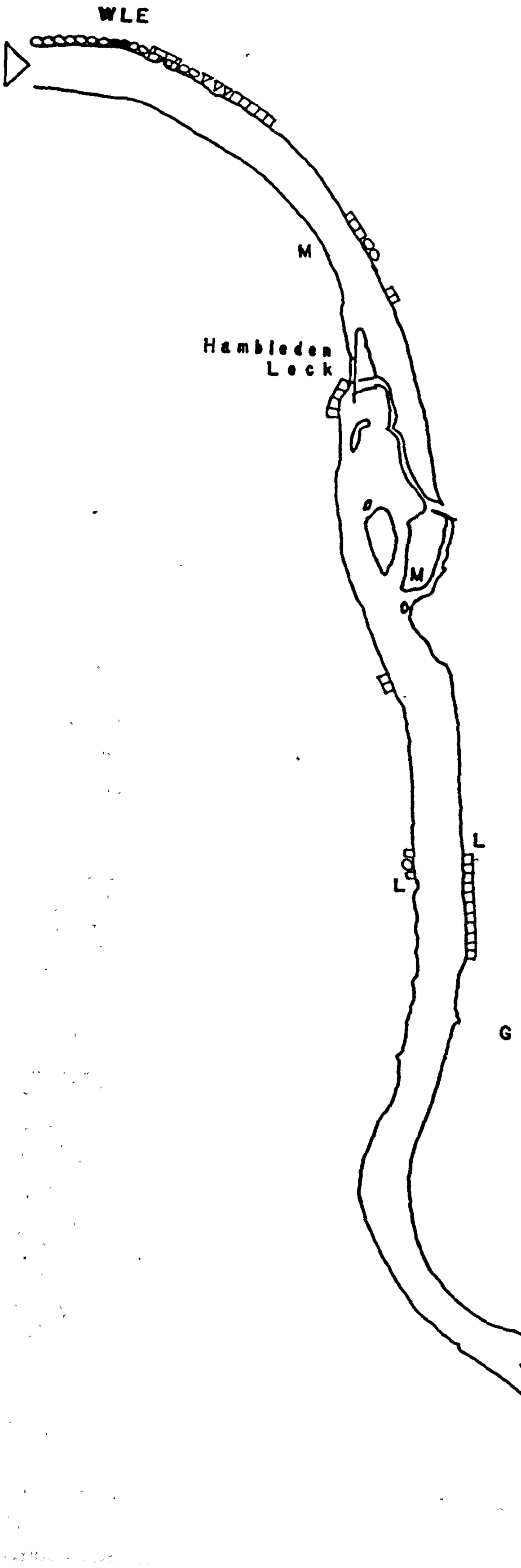



N
S
W

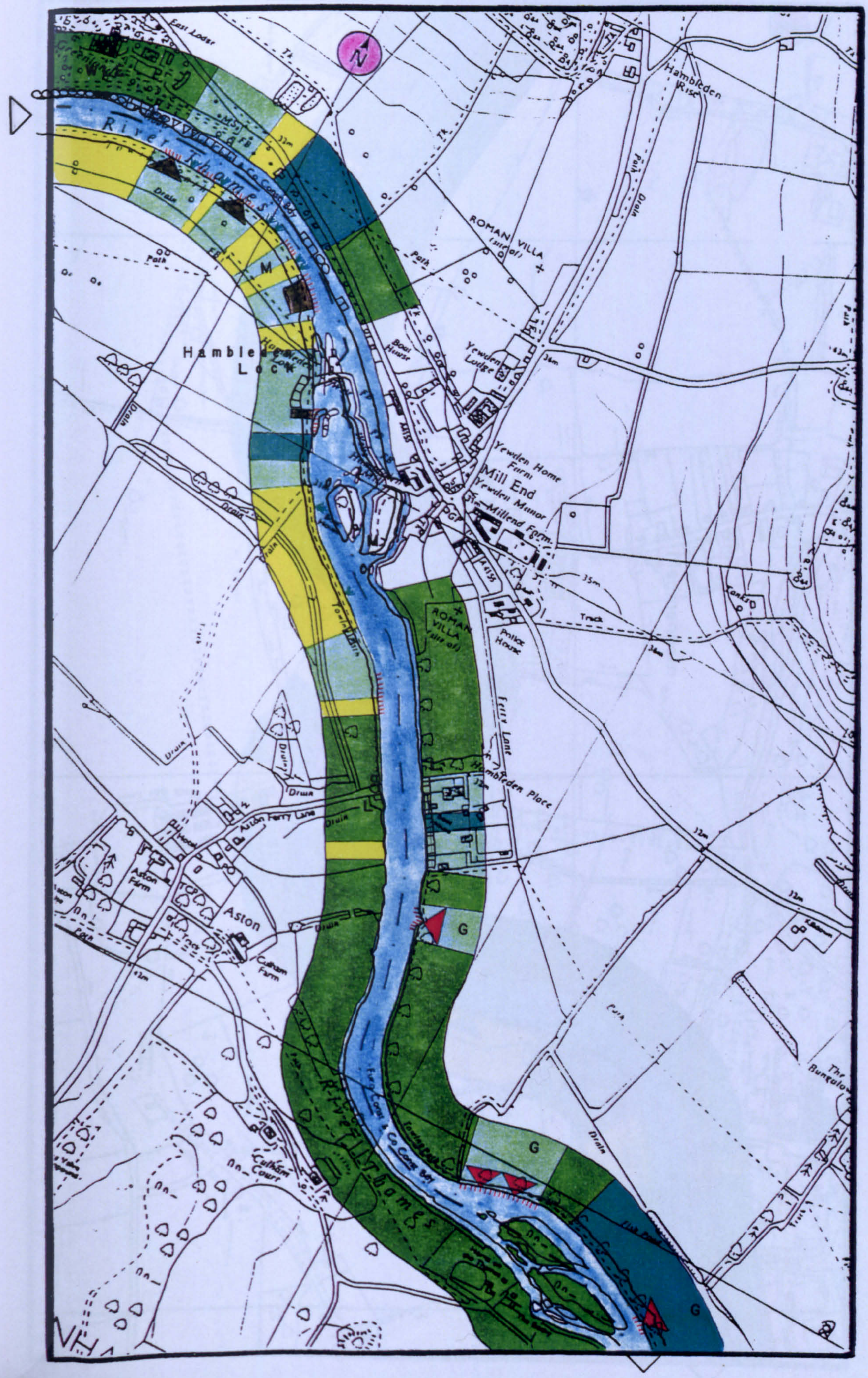

Cattle Grid
Tennis Courts
Path
Main Drain
Drain
Issues
Track
Temple Island
Remenham Manor
Remenham Farm
Remenham
Garden Centre
White Cottage
Collegers
Sawley Courts
Co Const Bdy
Church
South Lodge
Caravan and Camping Site
Meadows Farm
Swiss Farm
Bowling Green
Remenham Court
Remenham Woodlands
Gravel Pit
Henley Reach
Oaken Grove
Nursery
Track
Path
Drain
FB
Tk
BP
PH
PC
S
2

HAMBLEDON REACH I

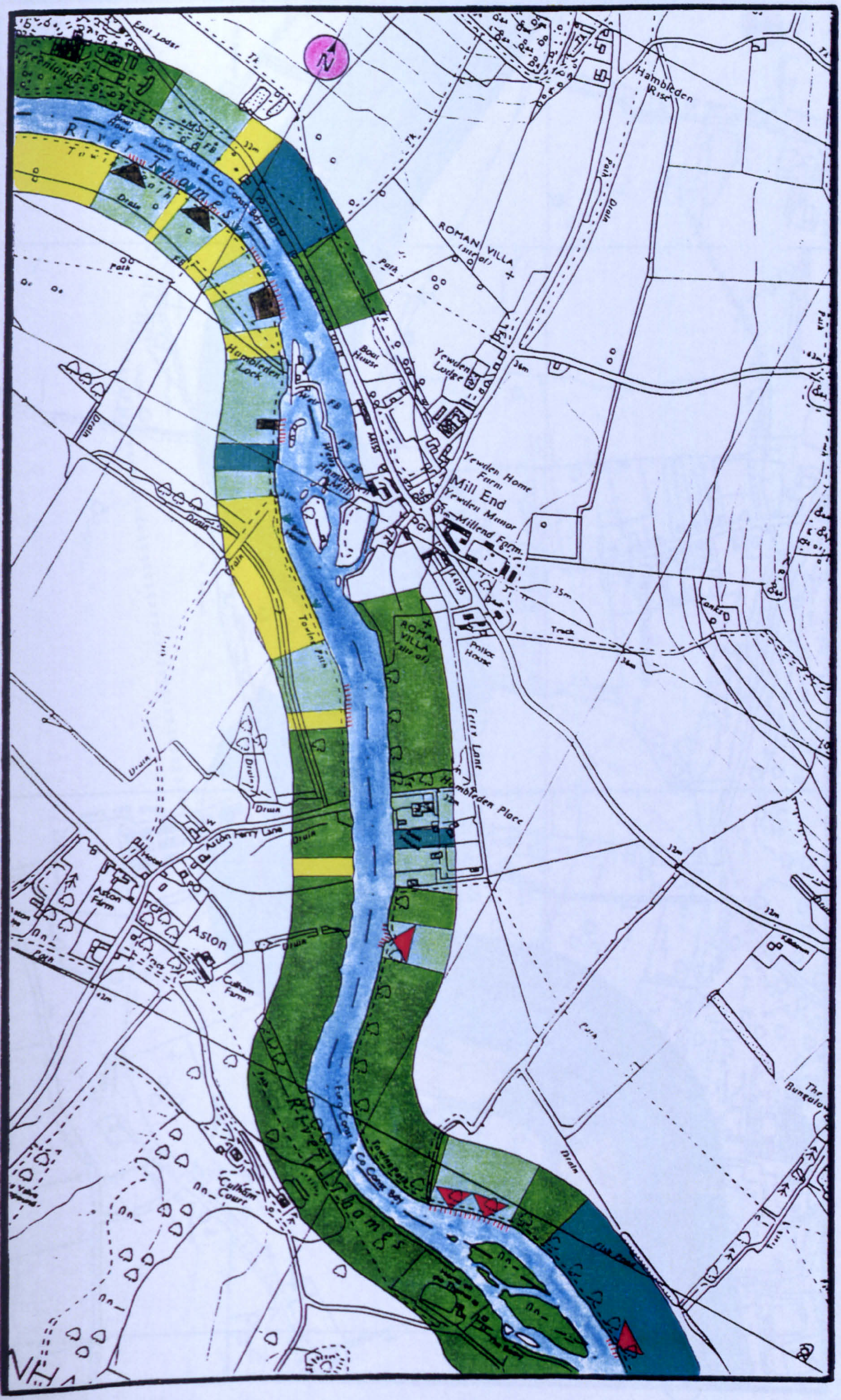


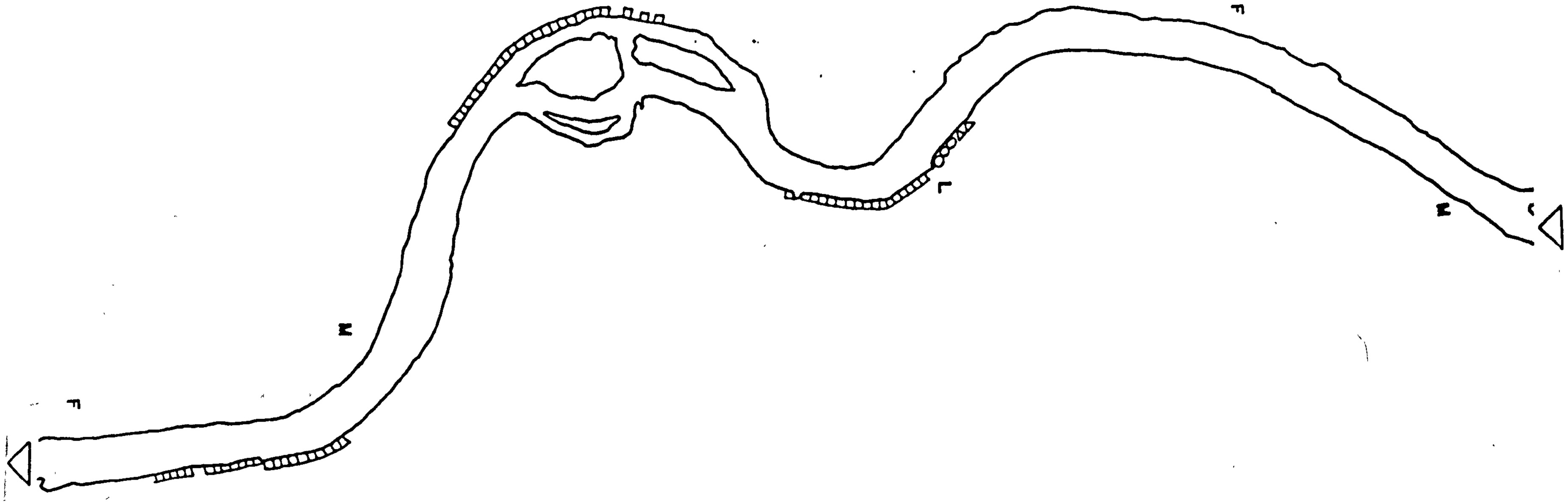

WLE
M
Hambleden
Lock
M
G
G
G

HAMBLEDON REACH II

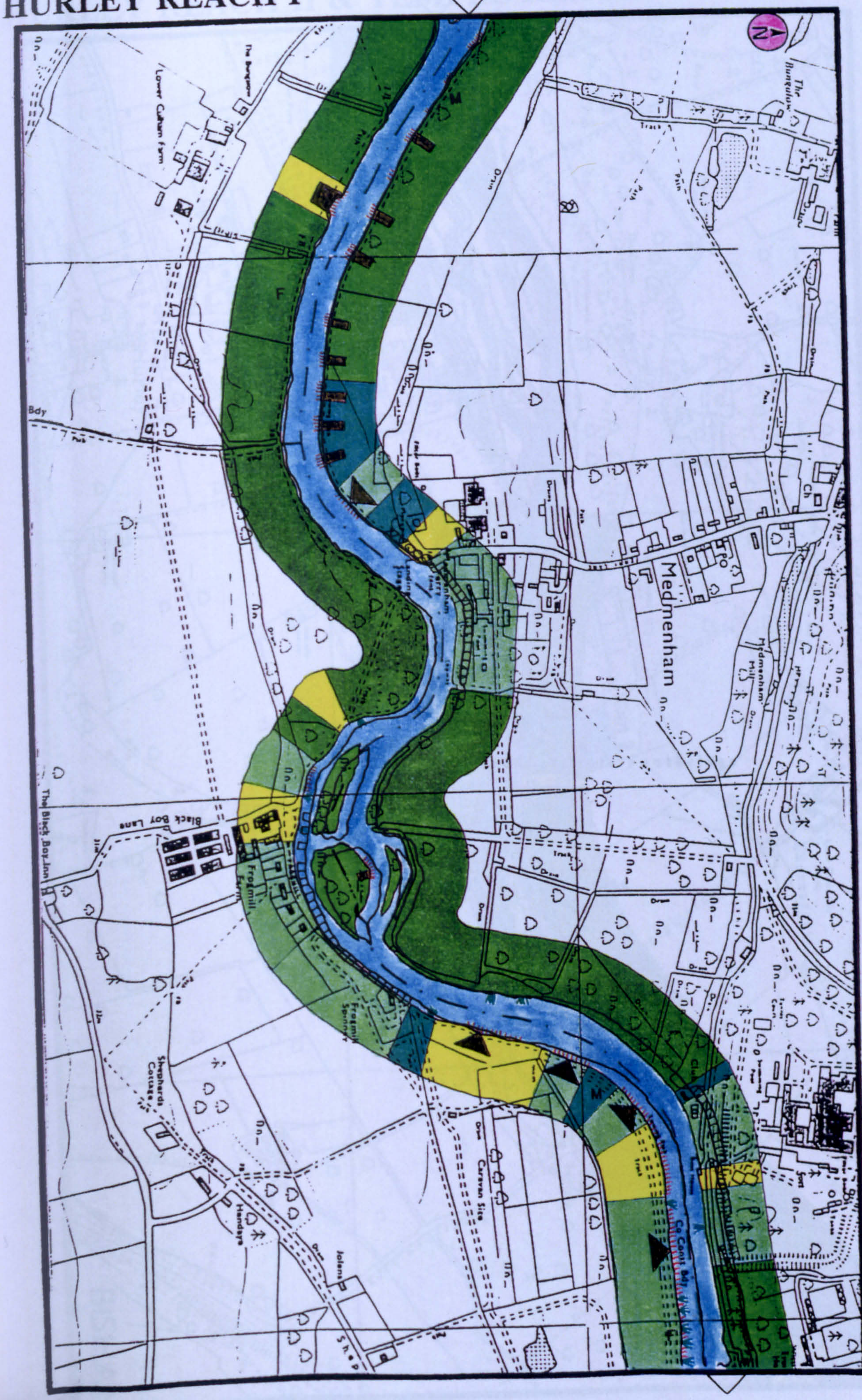


HAMBLEDON REACH II

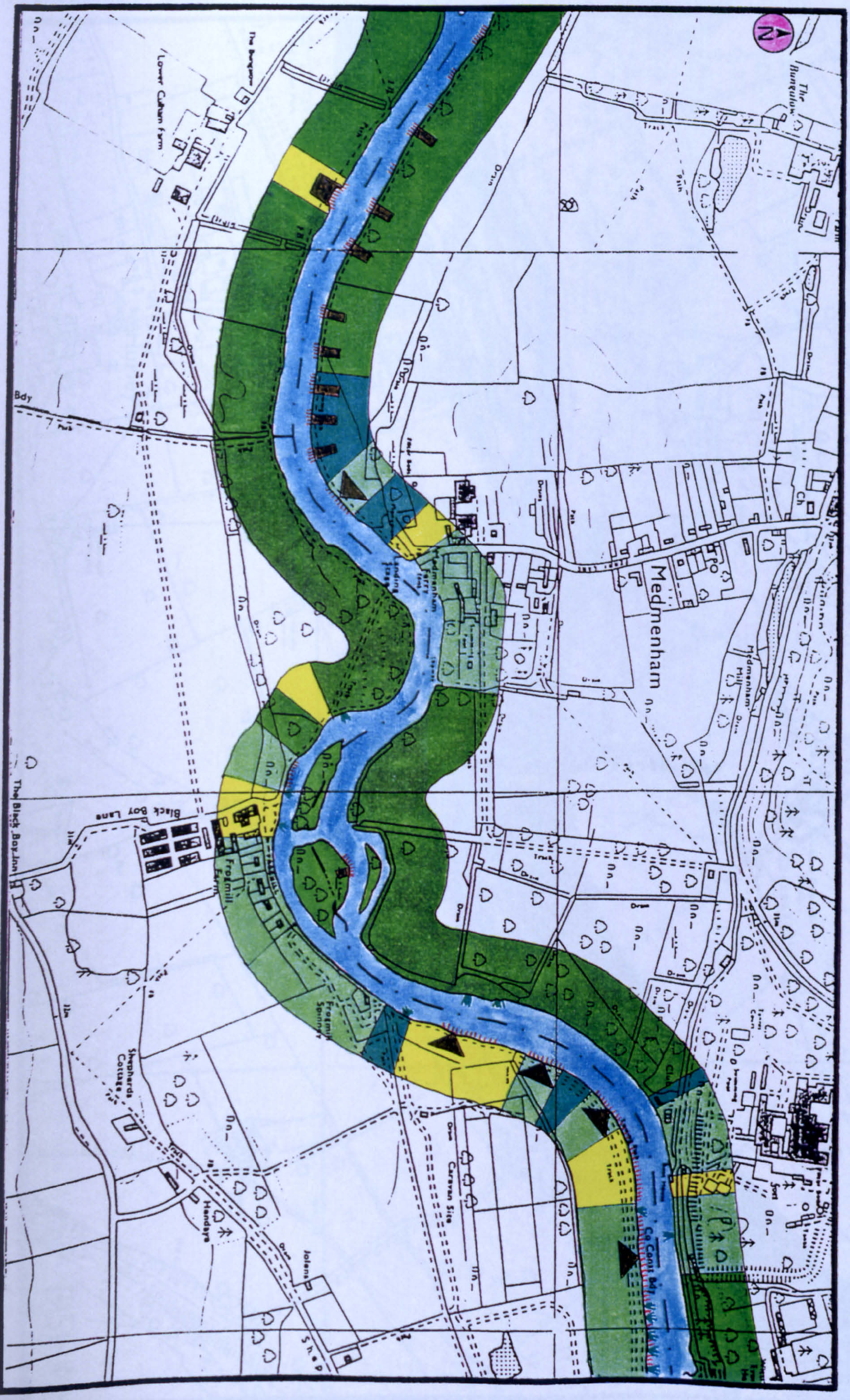


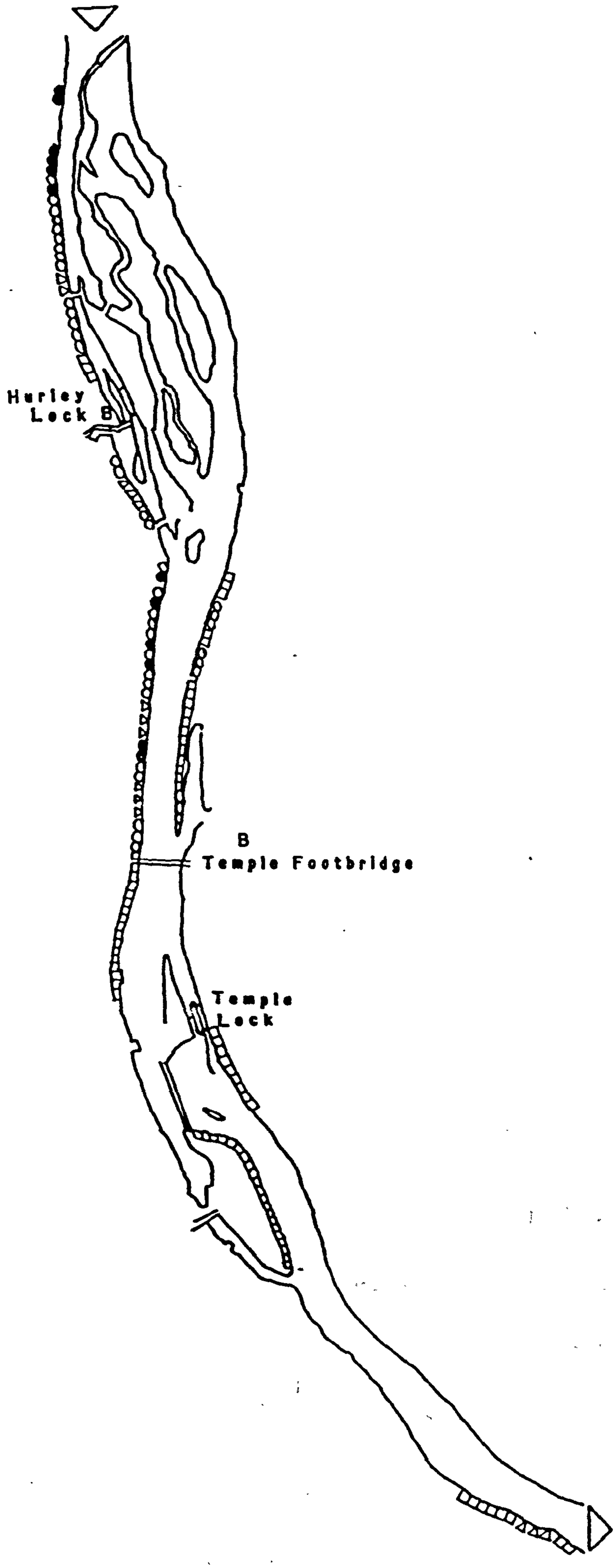

F
L
E
C
K
H
2

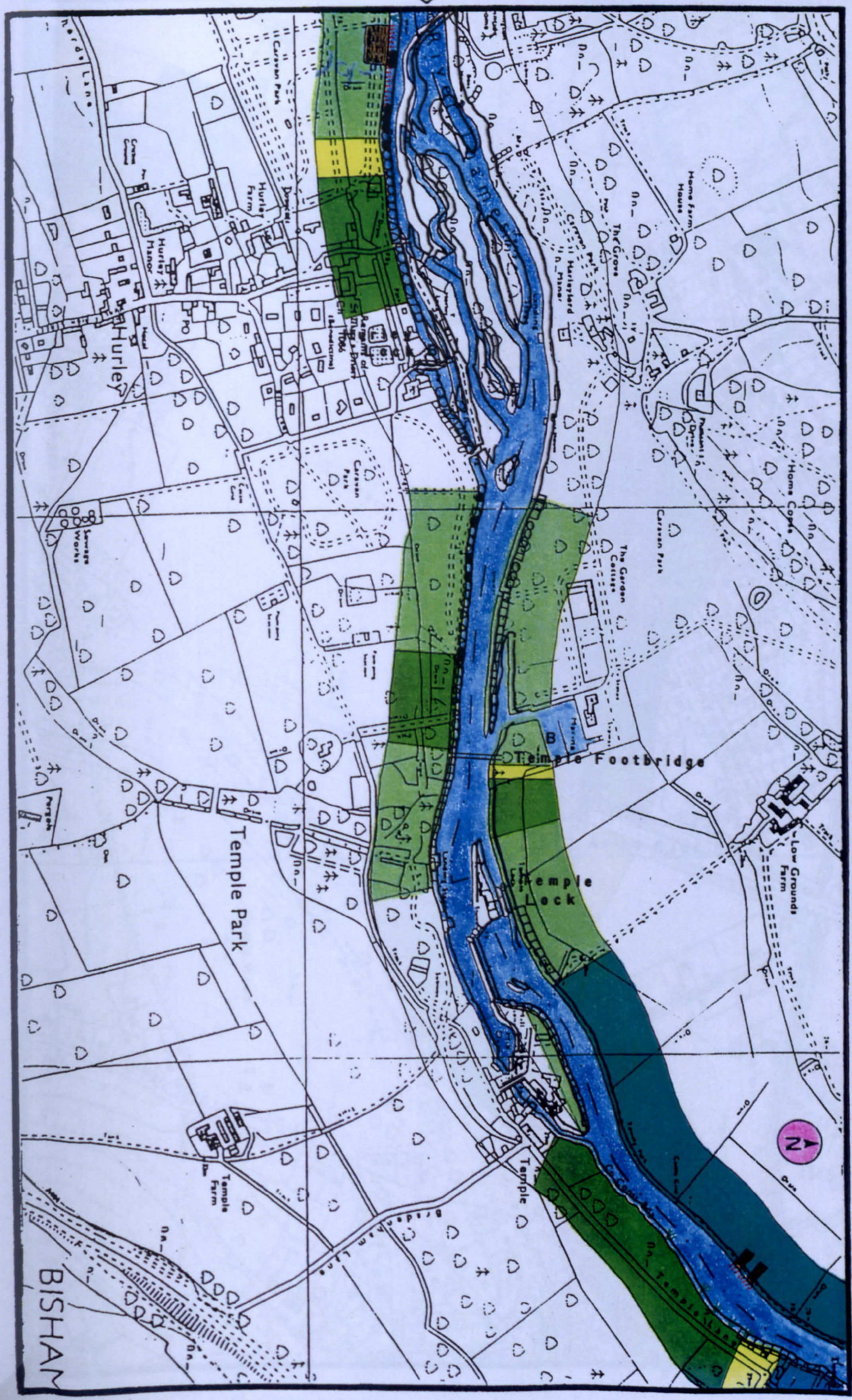
HURLEY REACH I



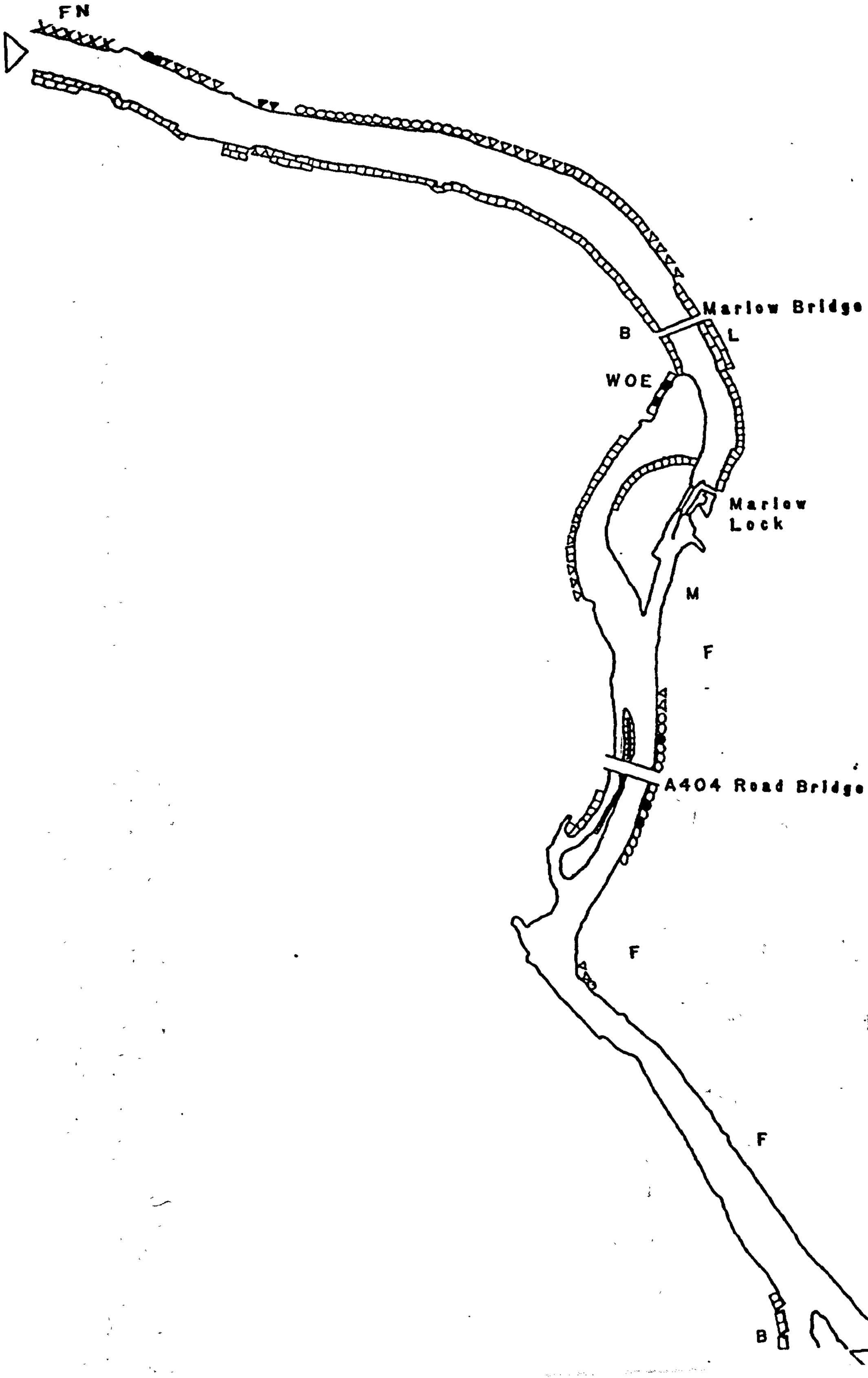
HURLEY REACH I



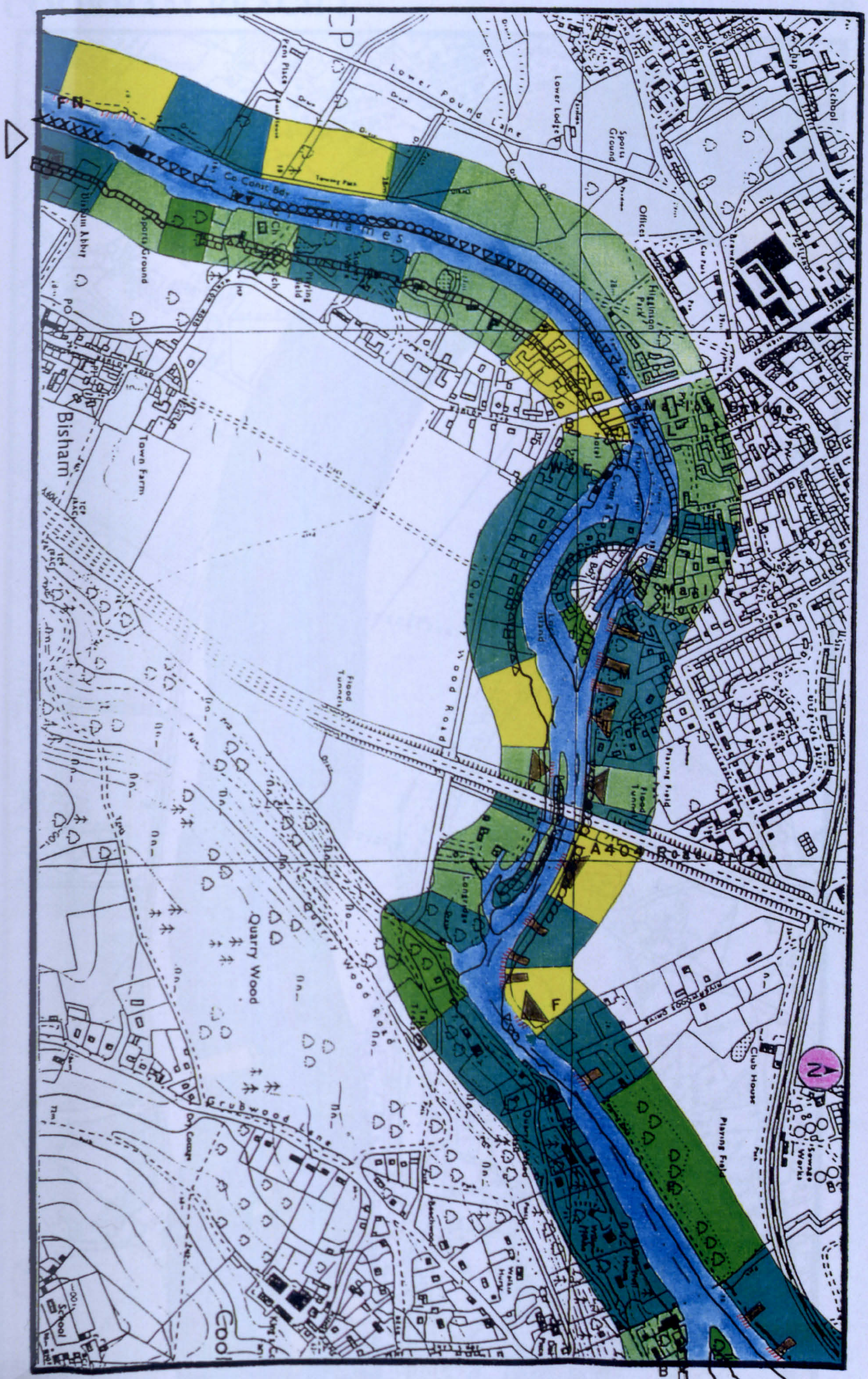

Hurley
Lock B
B
Temple Footbridge
Temple
Lock


Hurley
Hurley Farm
Hurley Manor
Caravan Park
Caravan Park
Temple Park
Temple Footbridge
Temple Lock
Temple Farm
Temple
Low Grounds Farm
Home Farm House
The Grove
The Garden Centre
Home Coppice
Temple Island
B
N
BISHAM

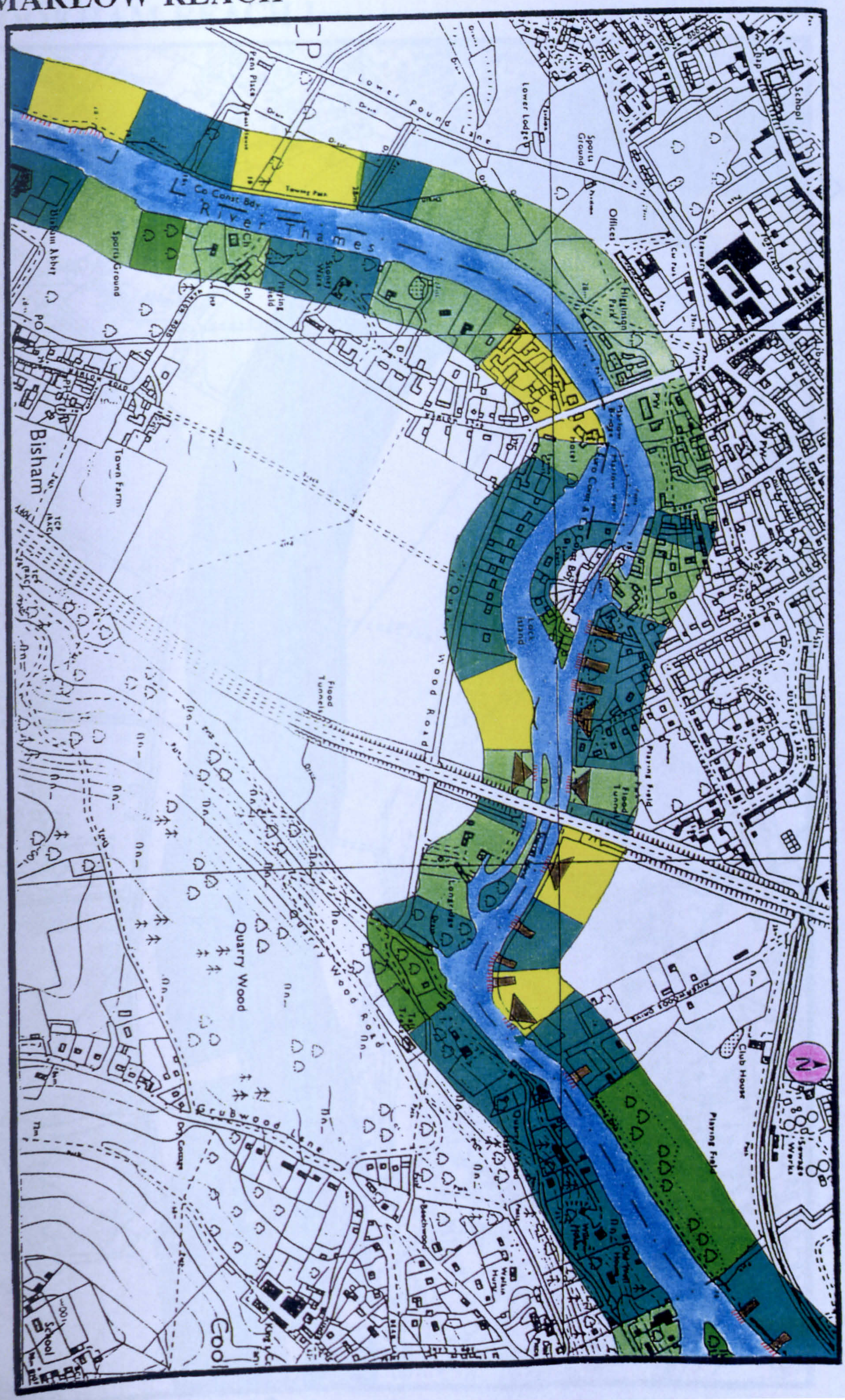
HURLEY REACH II & TEMPLE REACH

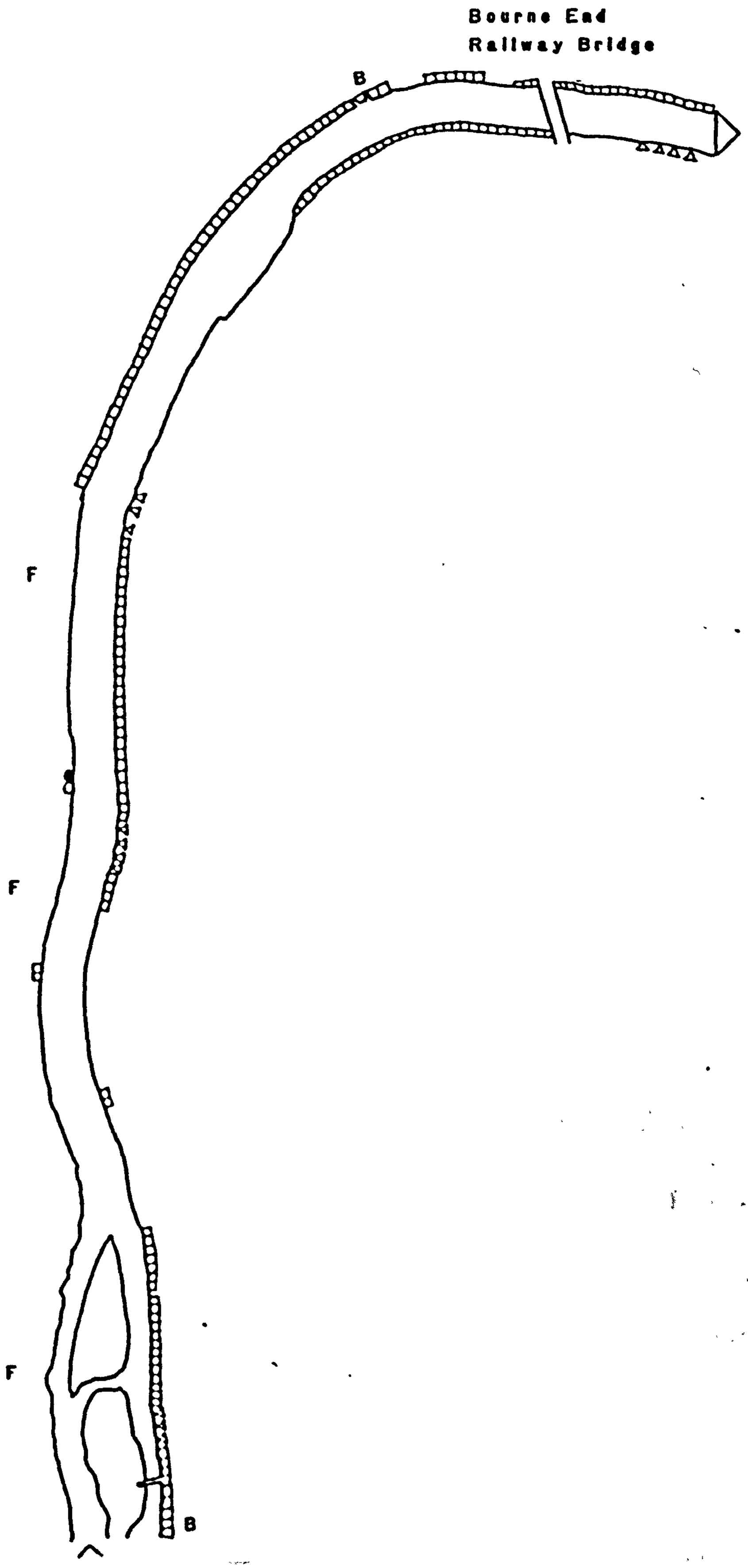

FN
Marlow Bridge
B
L
WOE
Marlow
Lock
M
F
A404 Road Bridge
F
F
B

MARLOW REACH

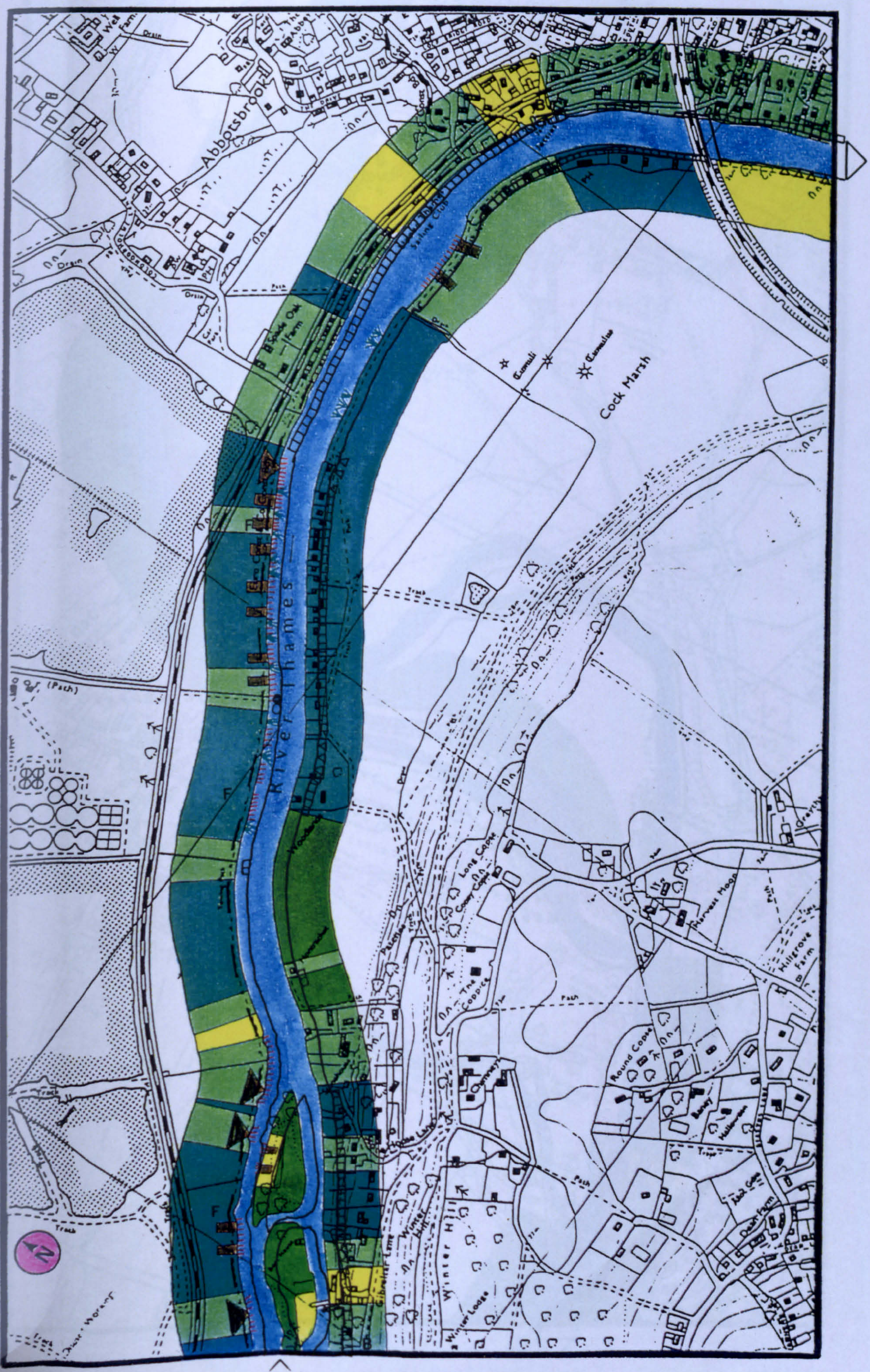


MARLOW REACH

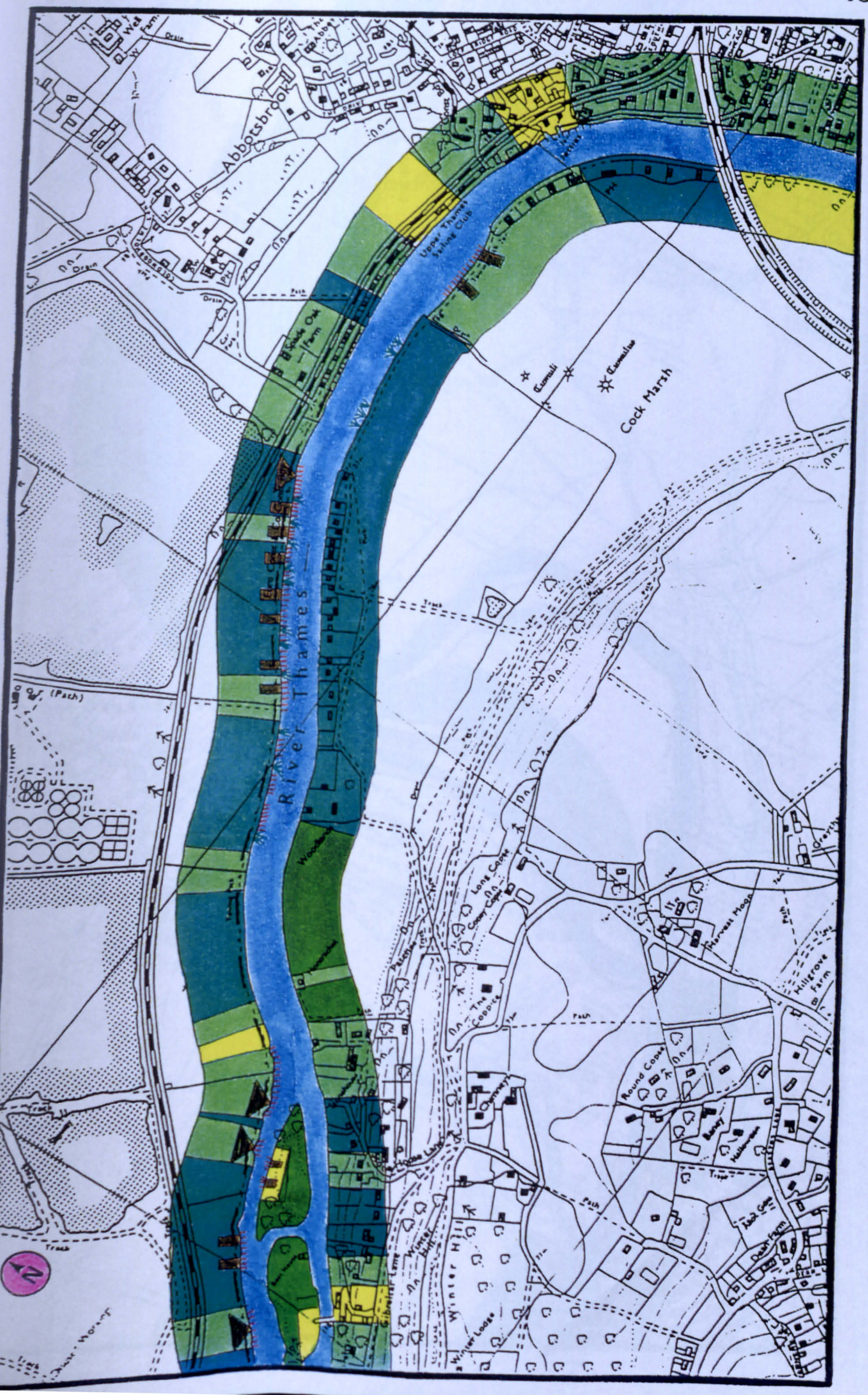


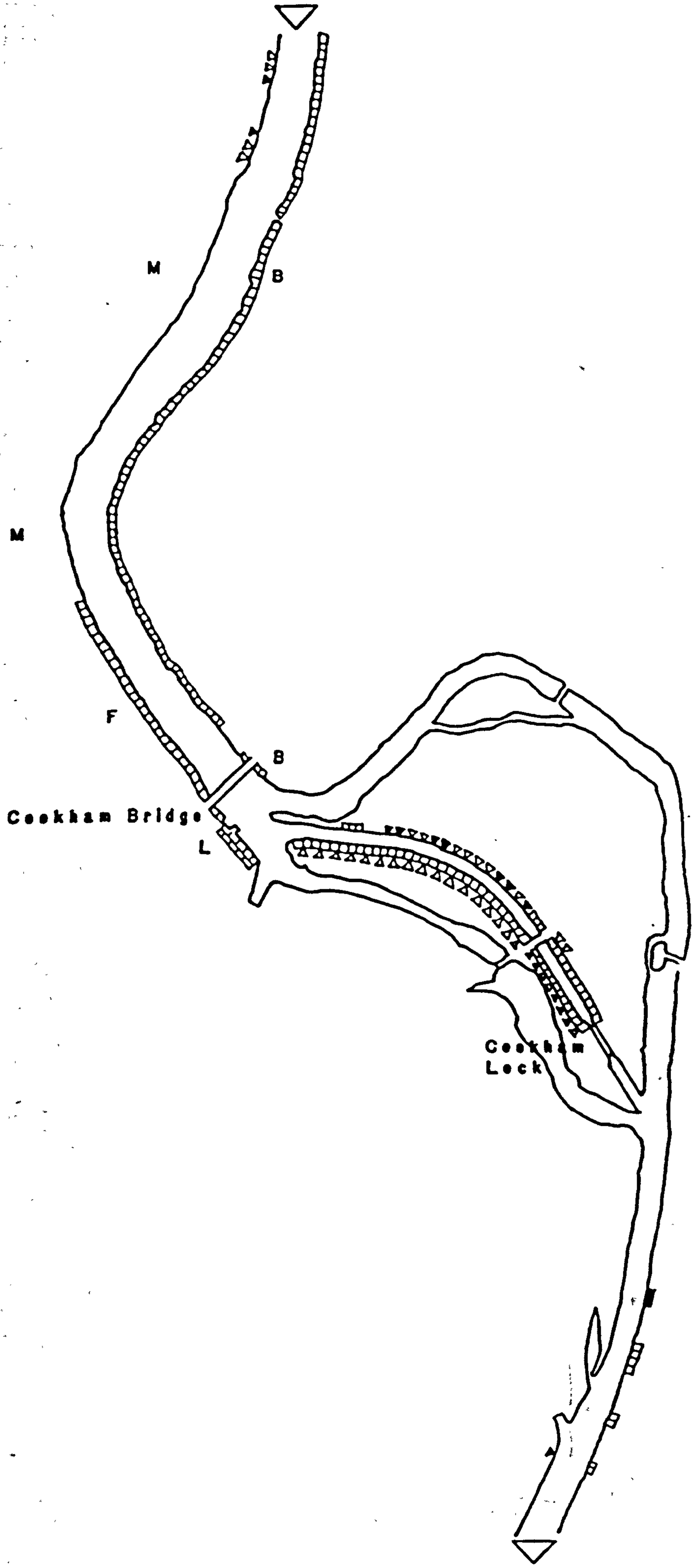

Bourne End
Railway Bridge
B
F
F
F
B

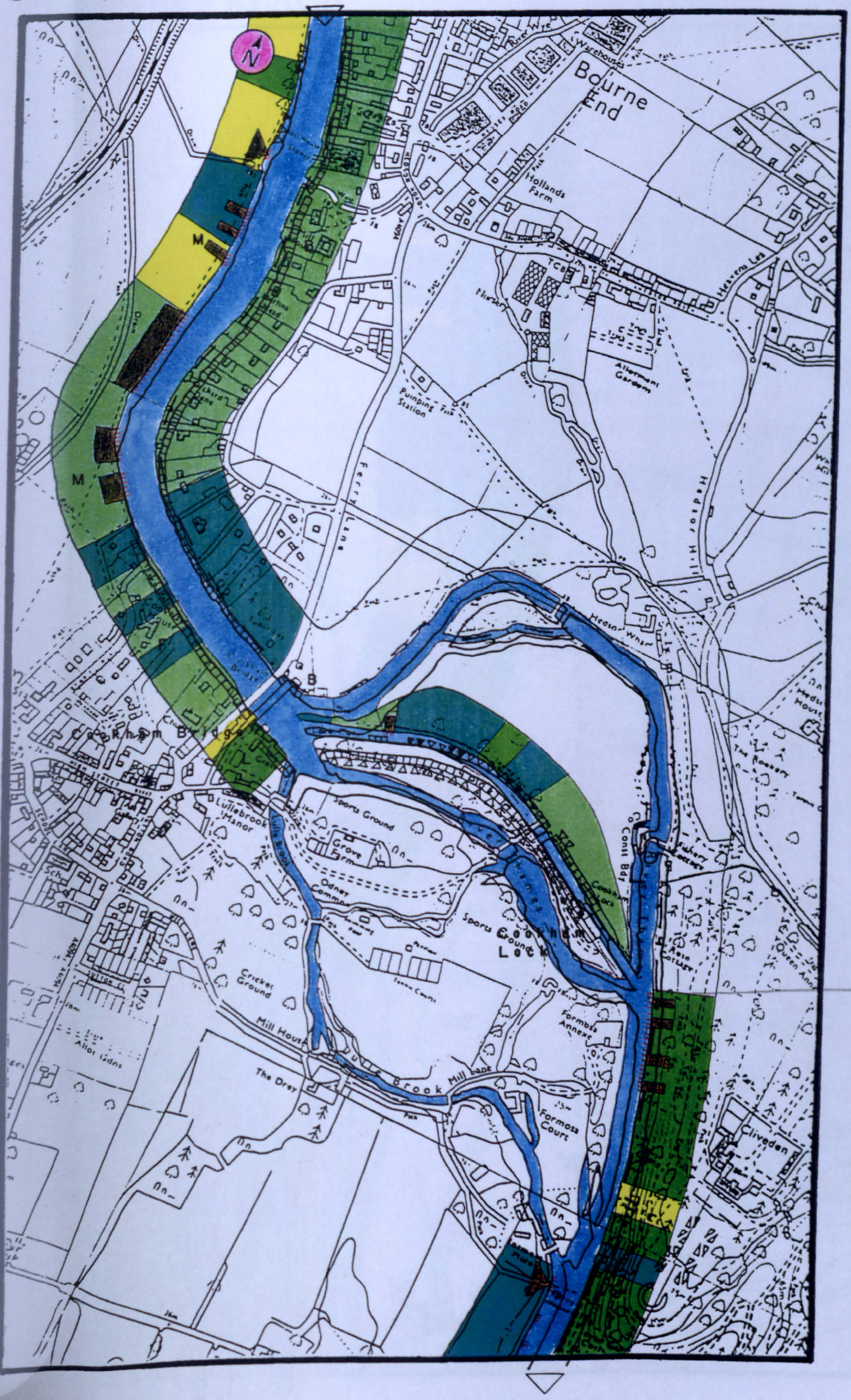
COOKHAM REACH I



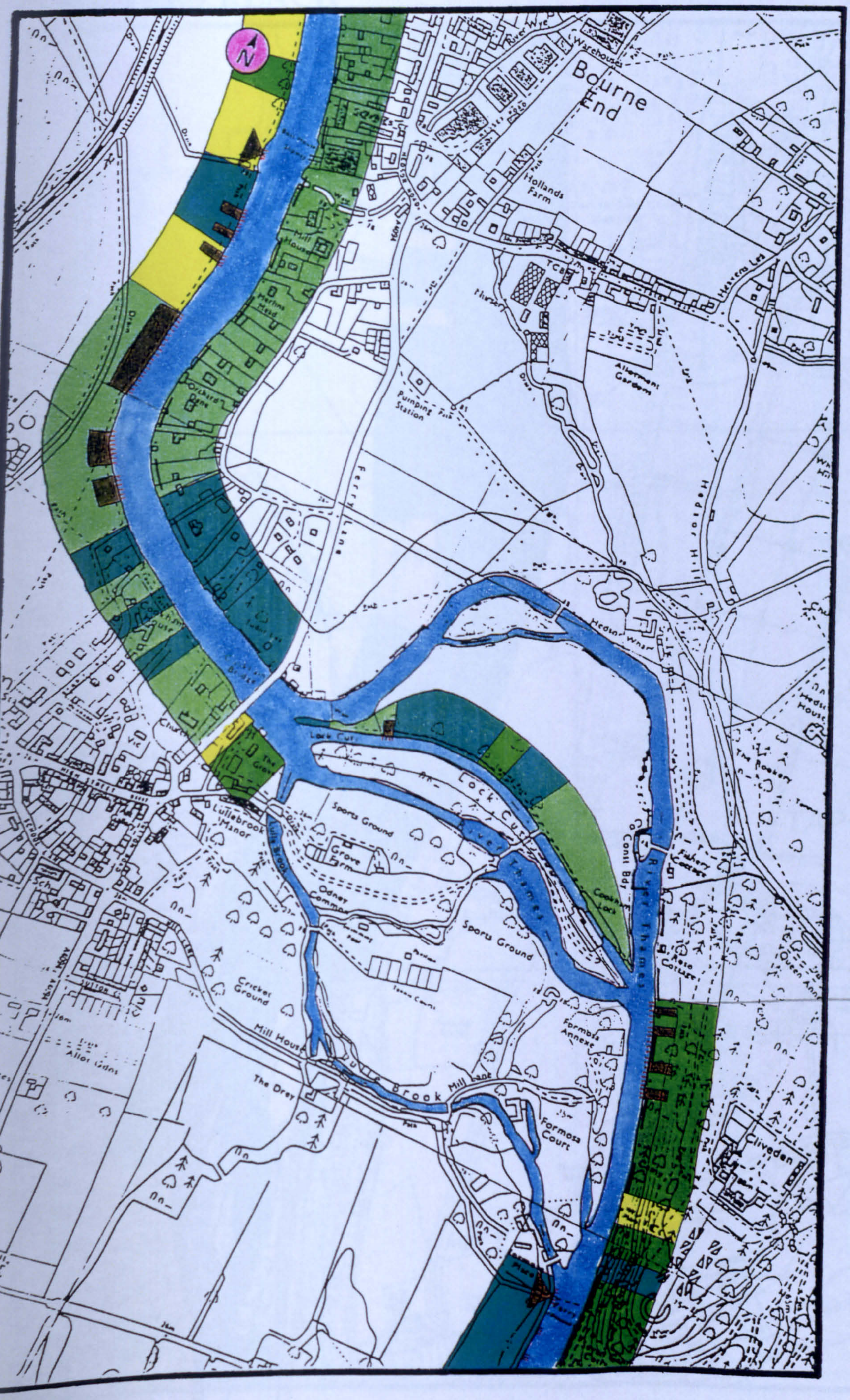
COOKHAM REACH I

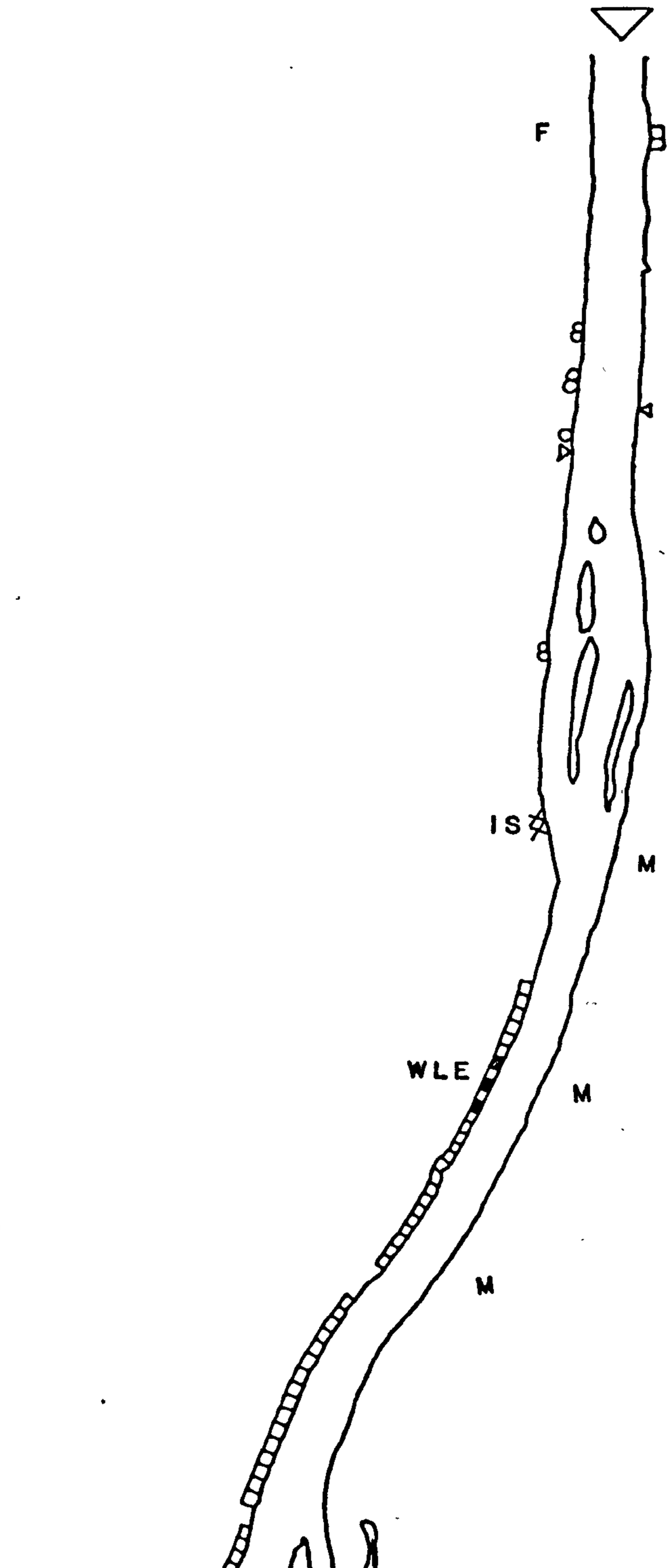



M
B
M
F
B
Cookham Bridge
L
Cookham
Lock
F

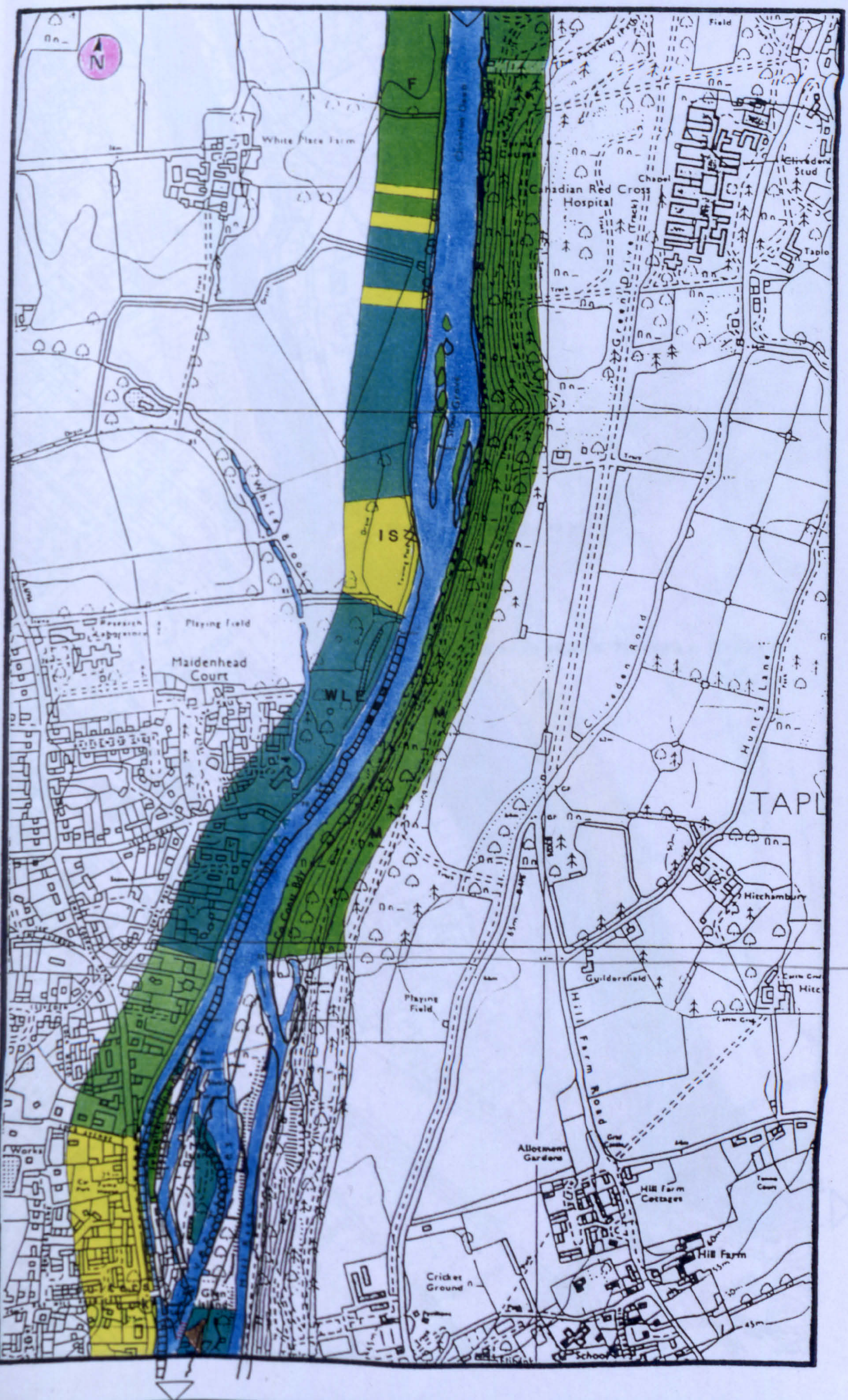

N
Bourne End
Warehouses
River Wye
Hollands Farm
TCB
Allotment Gardens
Pumping Station
Ferry Lane
Hedsor Hill
Heaven Lea
Cookham Bridge
Lullebrook Manor
Sports Ground
Grove Farm
Odney Common
Cricket Ground
Allotments
Mill House
The Quay
Brook Mill Lade
Formosa Annex
Formosa Court
Cliveden
Cliveden
Cookham Lock
Sports Ground
Hedsor Wharf
Queen Anne's Alley
Coombe Lane
Lullebrook
Odney Brook
Cookham Reach
Coombe Lane
Cookham Bridge
Mill House
Brook Mill Lade
Cliveden

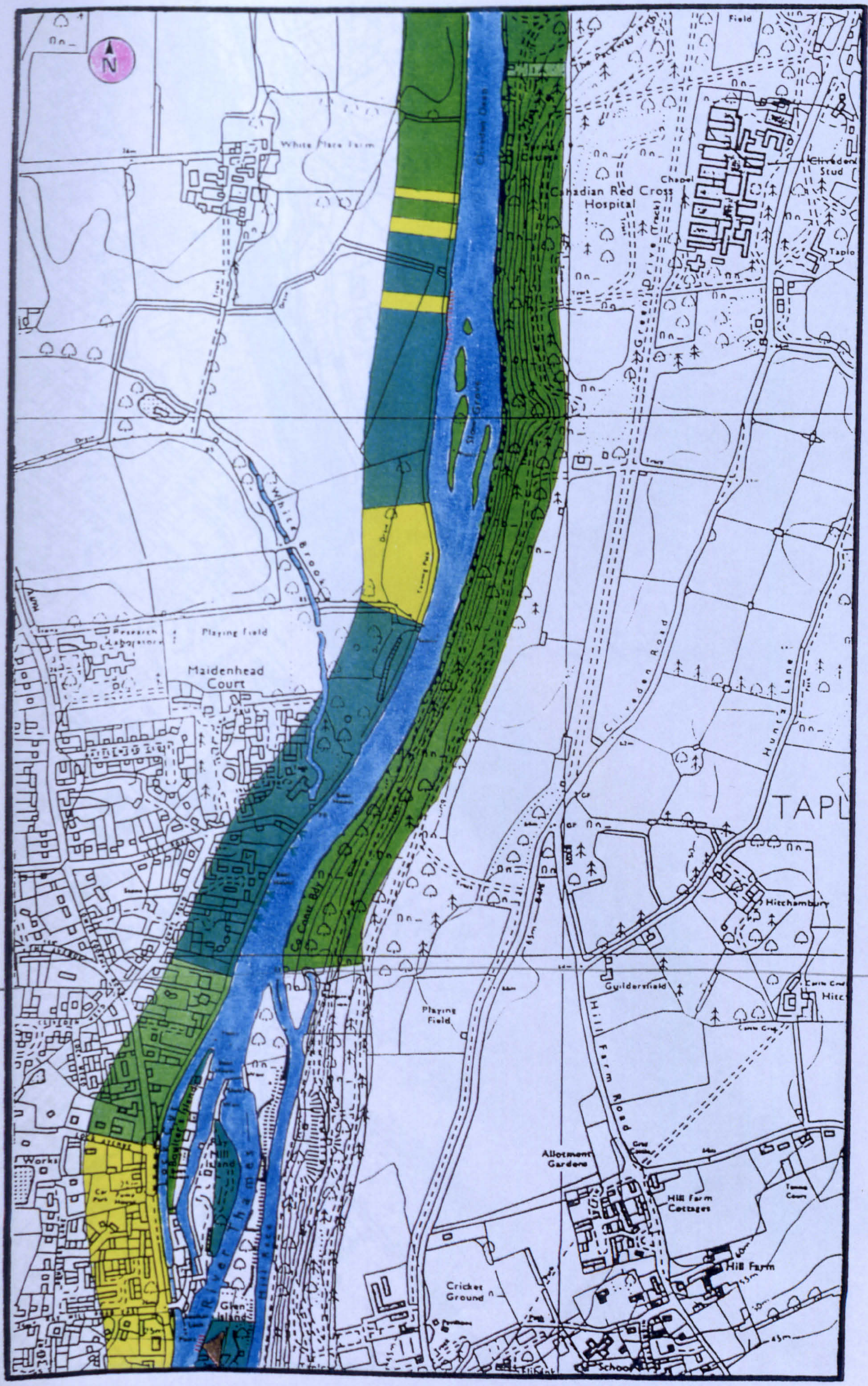
COOKHAM REACH II

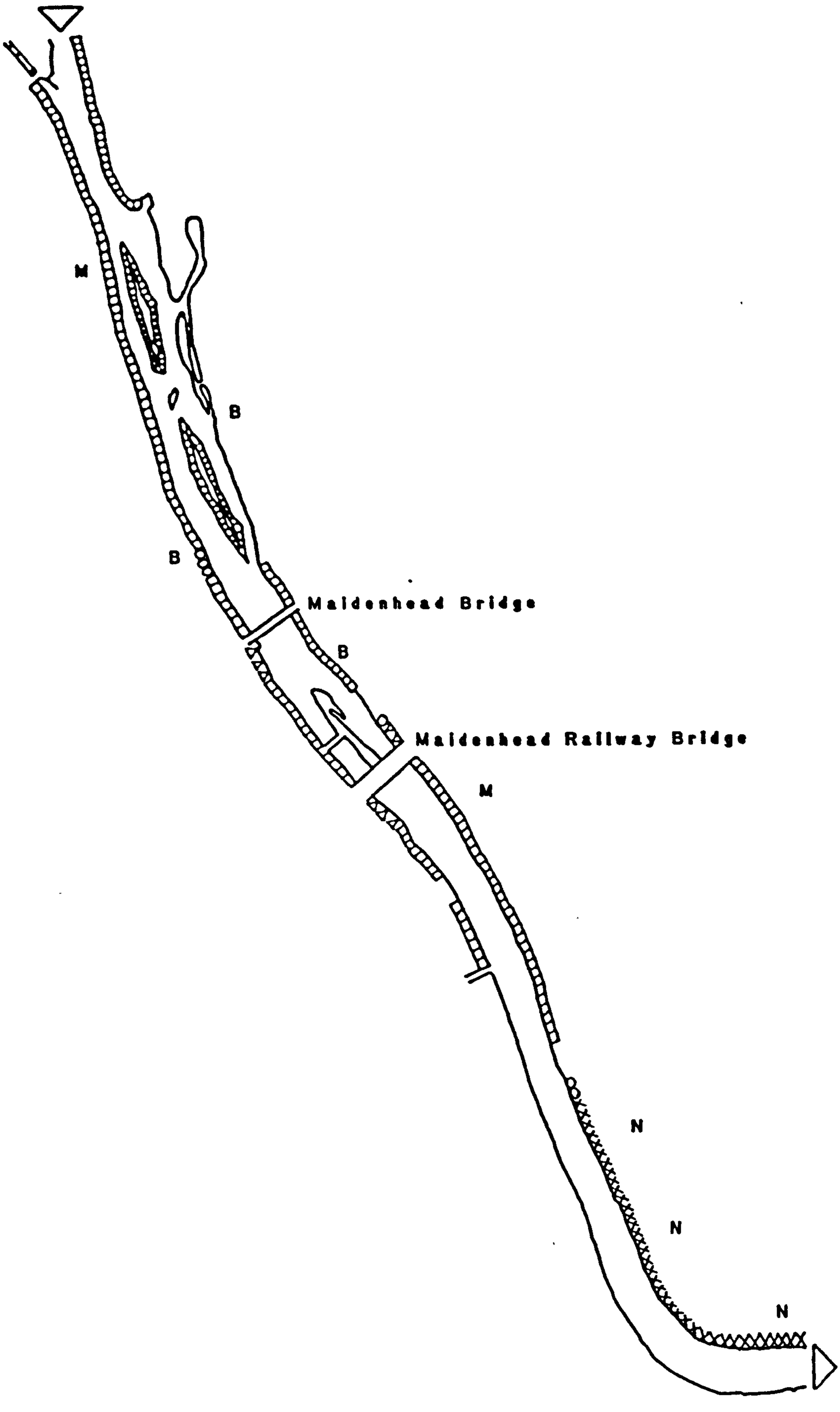


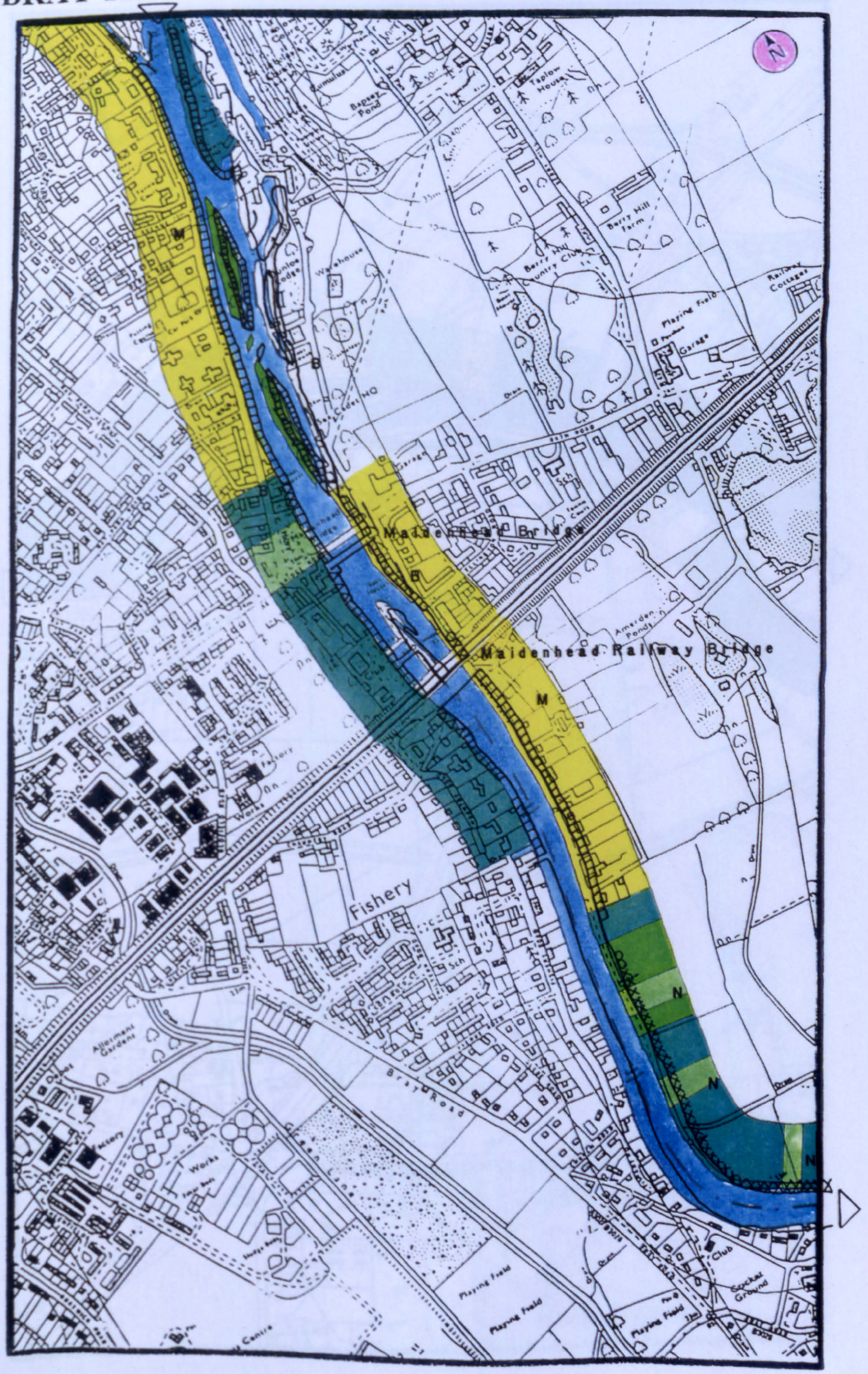

F
IS
M
WLE
M
M
Boulter's
Lock

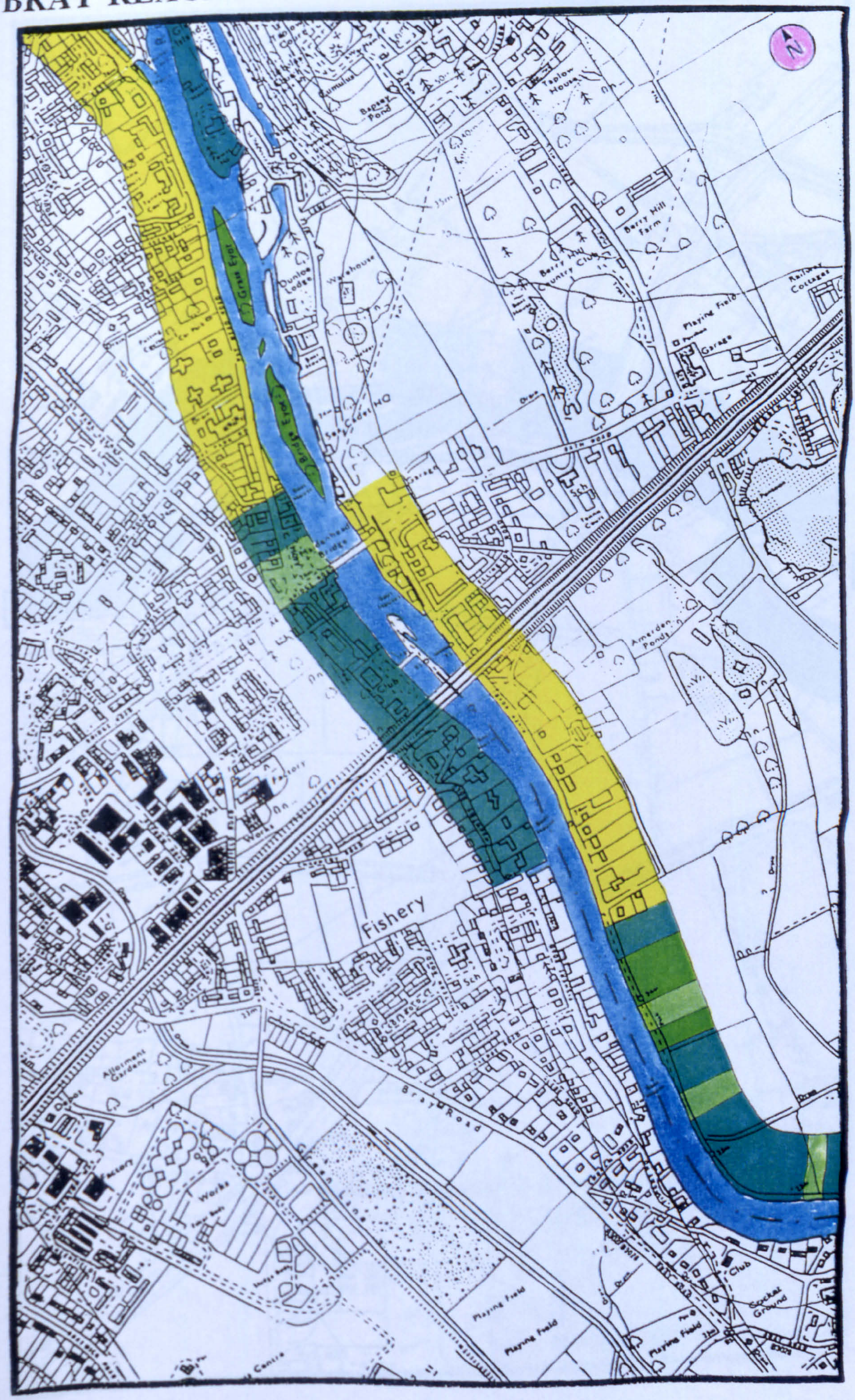
BOULTERS REACH

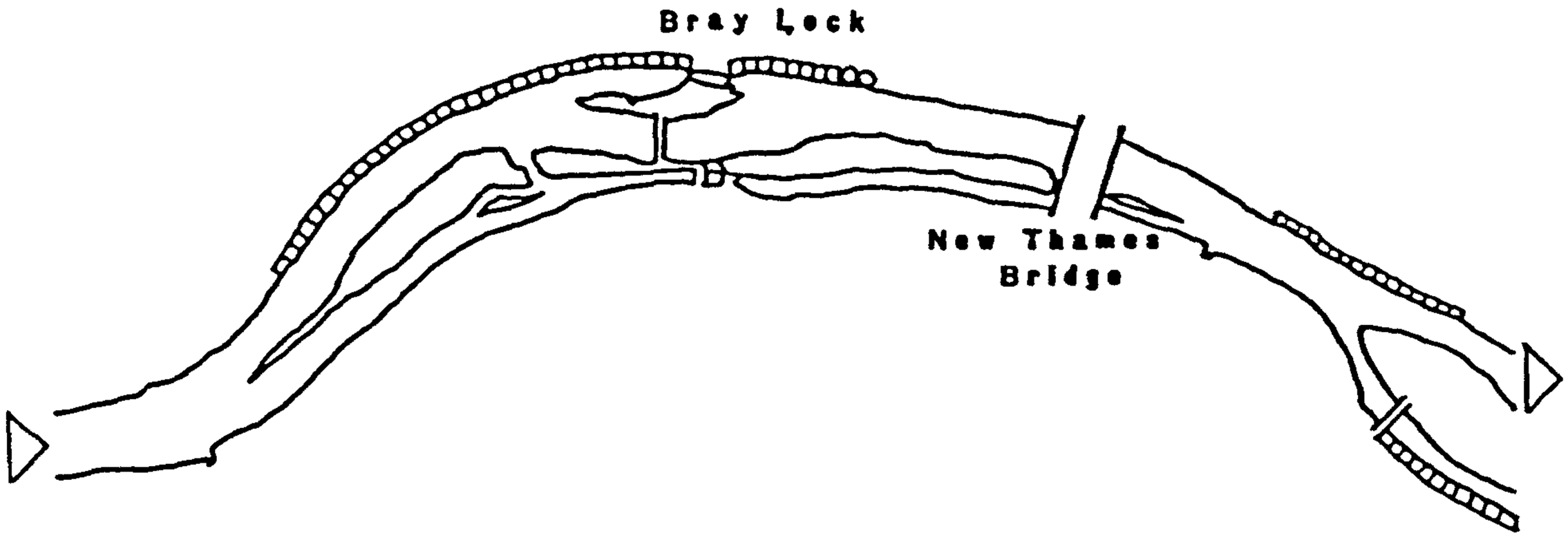



N
White Place Farm
Research Laboratories
Playing Field
Maidenhead Court
Sewage Works
River Thames
Glen Island
Bray Lock
Bray Weir
Boulters Lock
Weir Brook
Sewage Farm
Slow Ground
Slow Grave
Canadian Red Cross Hospital
Chapel
Field
Cliveden Stud
Taplo
Cliveden Road
Hunters Lane
Hitchambury
Guilderfield
Hill Farm Road
Allotment Gardens
Hill Farm Cottages
Hill Farm
Cricket Ground
Playing Field
Glen Island
TAPL
Clive den


M
B
B
Maidenhead Bridge
B
Maidenhead Railway Bridge
M
N
N
N


Cumulus
Bapsey Pond
Taplow House
Berry Hill Farm
Berry Hill Country Club
Railway Cottages
Playing Field
Garage
Warehouse
Maidenhead Bridge
Maidenhead Railway Bridge
Amerden Pond
Fishery
Allotment Gardens
Works
Bray Road
Green Lane
Playing Field
Playing Field
Sch
Club
Cricket Ground
M
N


N
Taylor House
Barry Hill Farm
Barry Hill Country Club
Railway Cottages
Playing Field
Garage
Dunlop Lodge
Warehouse
Grass Eyot
Eyot Spit
Footbridge
Bridge
Sch
Amerden Ponds
Factory
Works
Fishery
Allotment Gardens
Bray Road
Green Lane
Playing Field
Playing Field
Playing Field
Club
Cricket Ground
Centre

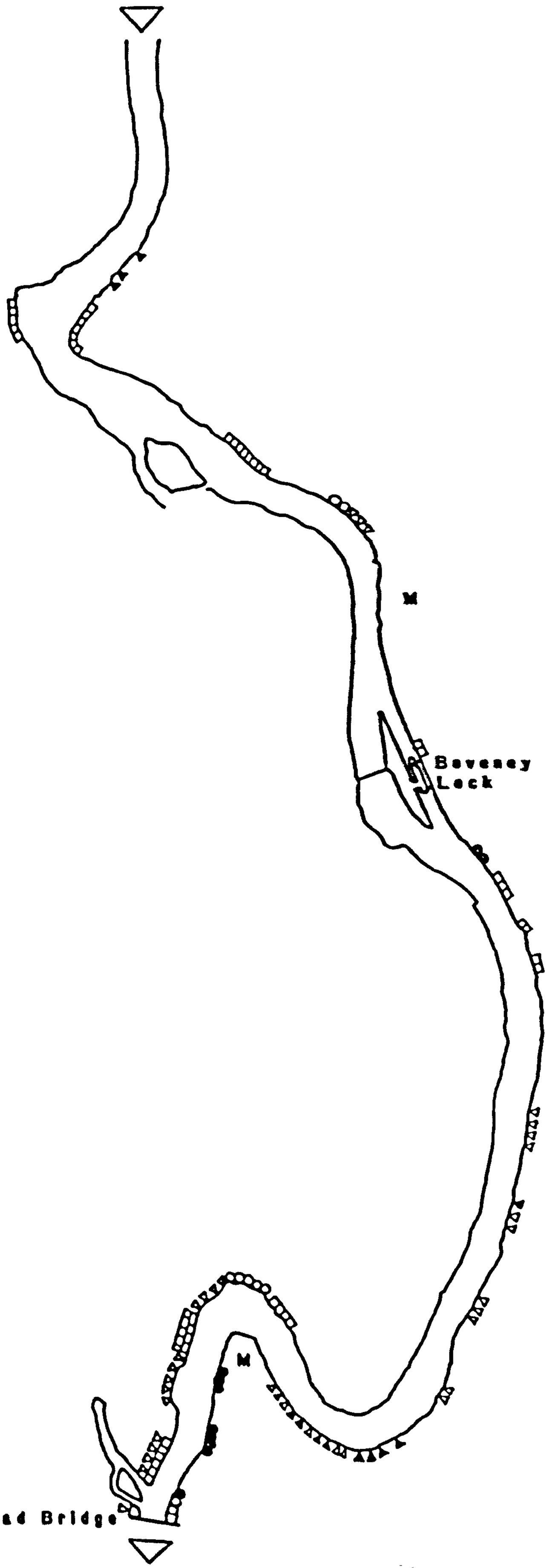

Bray Lock
New Thames
Bridge

BRAY REACH II

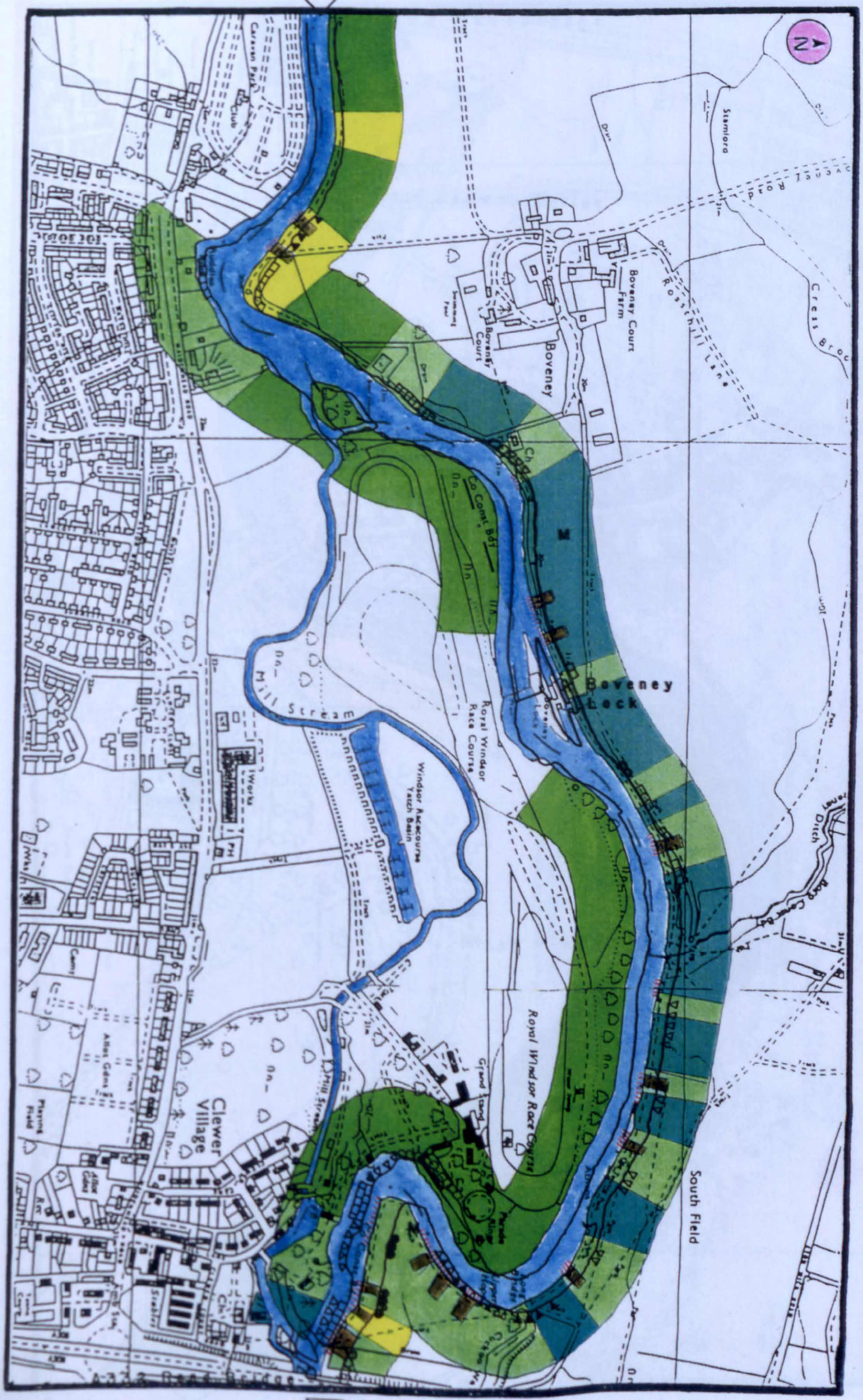
BRAY REACH II

BOVENEY REACH I

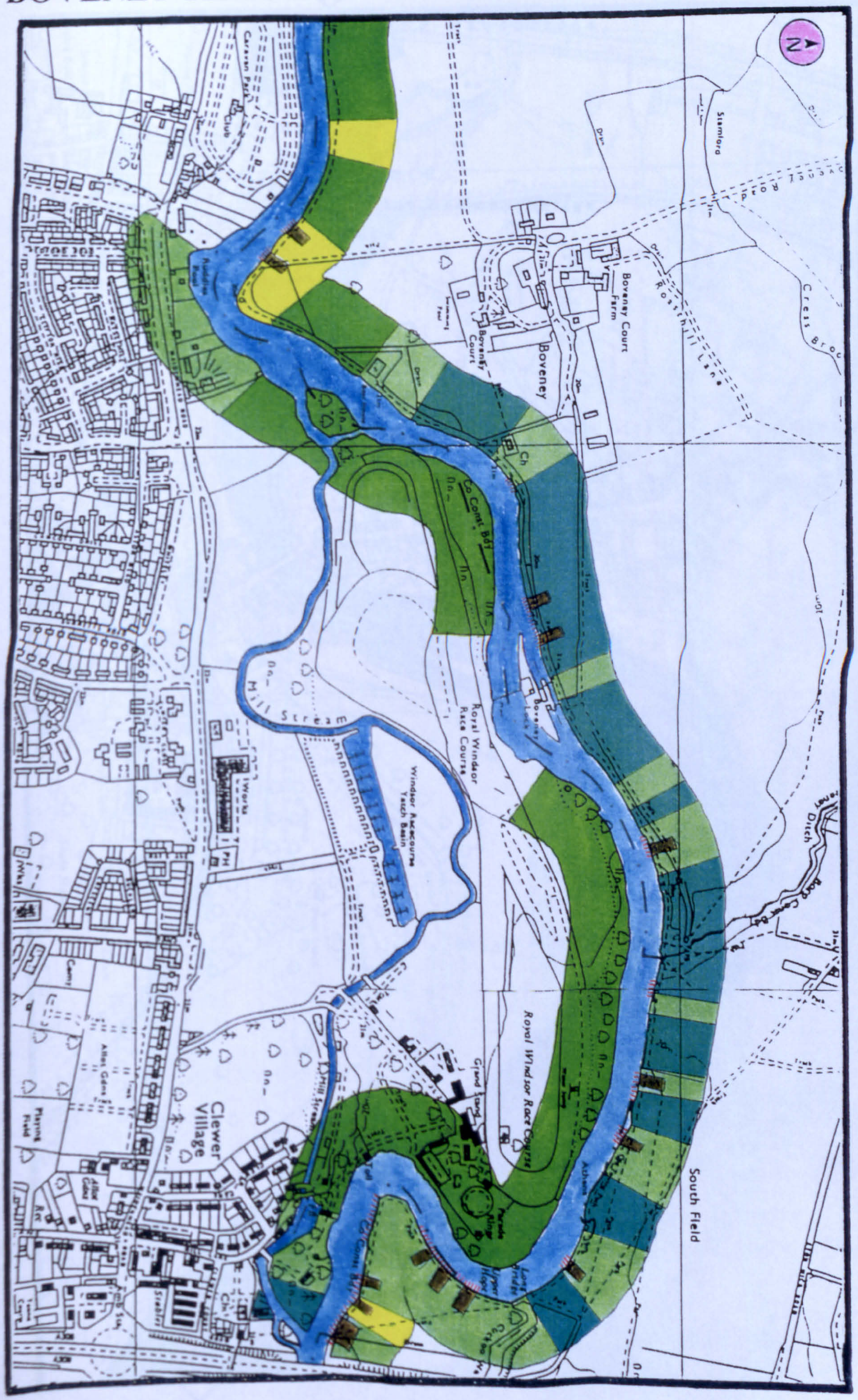
Weir Bank Stud Farm
Hotel
Monkey Island
Dorney Reach
Monkey Island Lane
Gravel Pit
Brayfield Marina
Elm Vicar Farm
Queen's Eyot
Roman Coins found
Water Oakley Farm
Water Oakley
Film Centre
Down Place
Down Place Farm
Oakley Court Farm
River Thames
BORNE

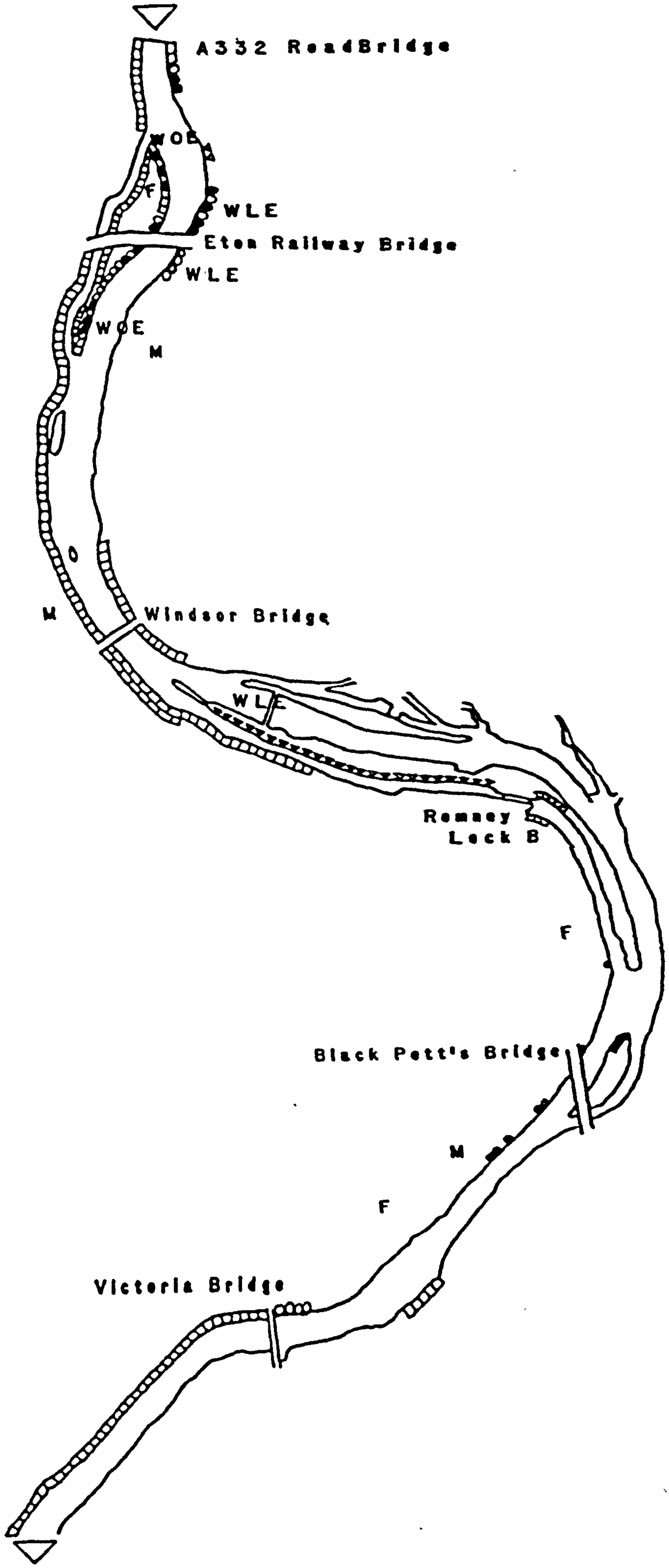

Boveney
Lock
A332 Road Bridge

BOVENEY REACH II



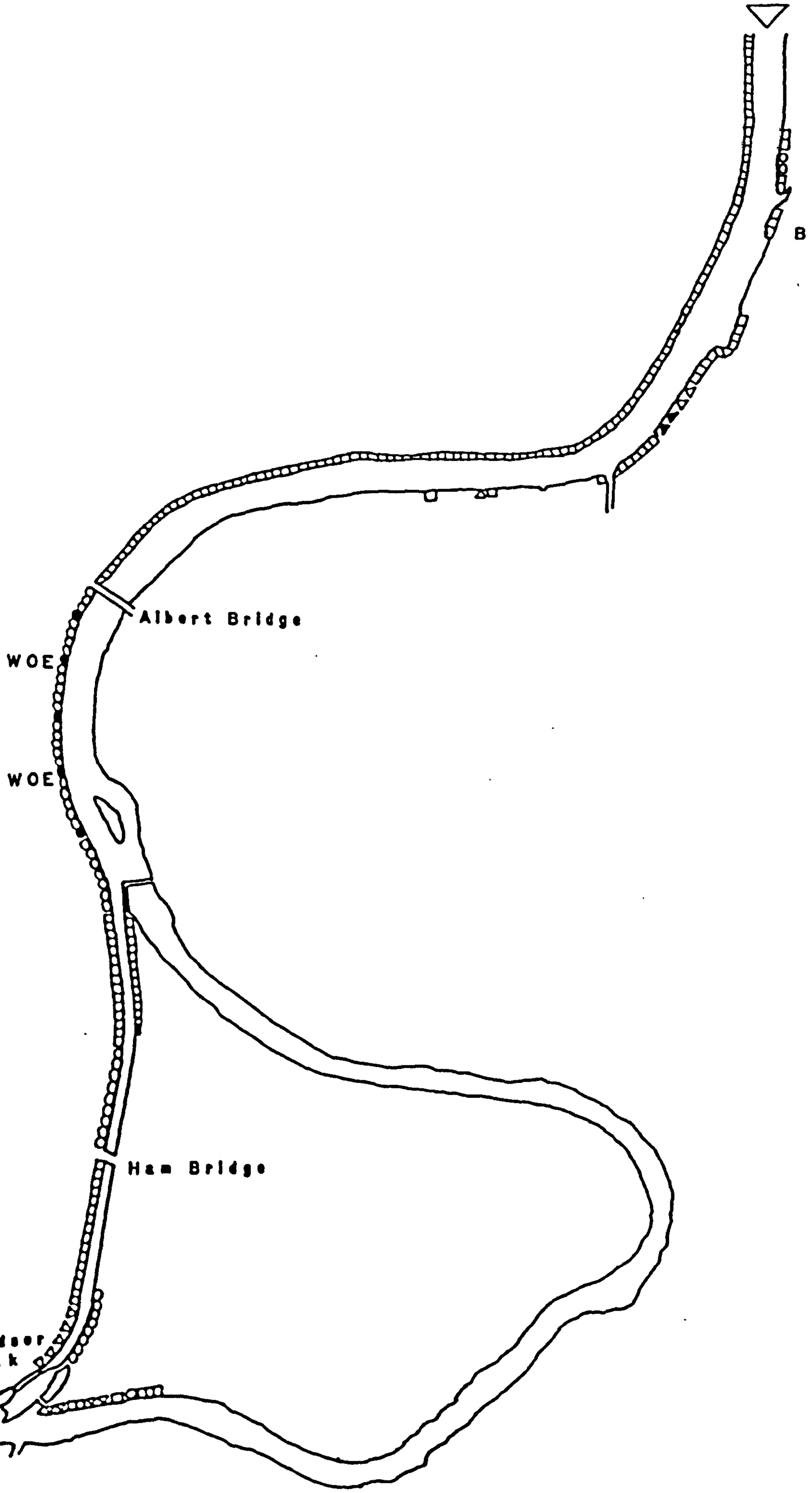
BOVENEY REACH II



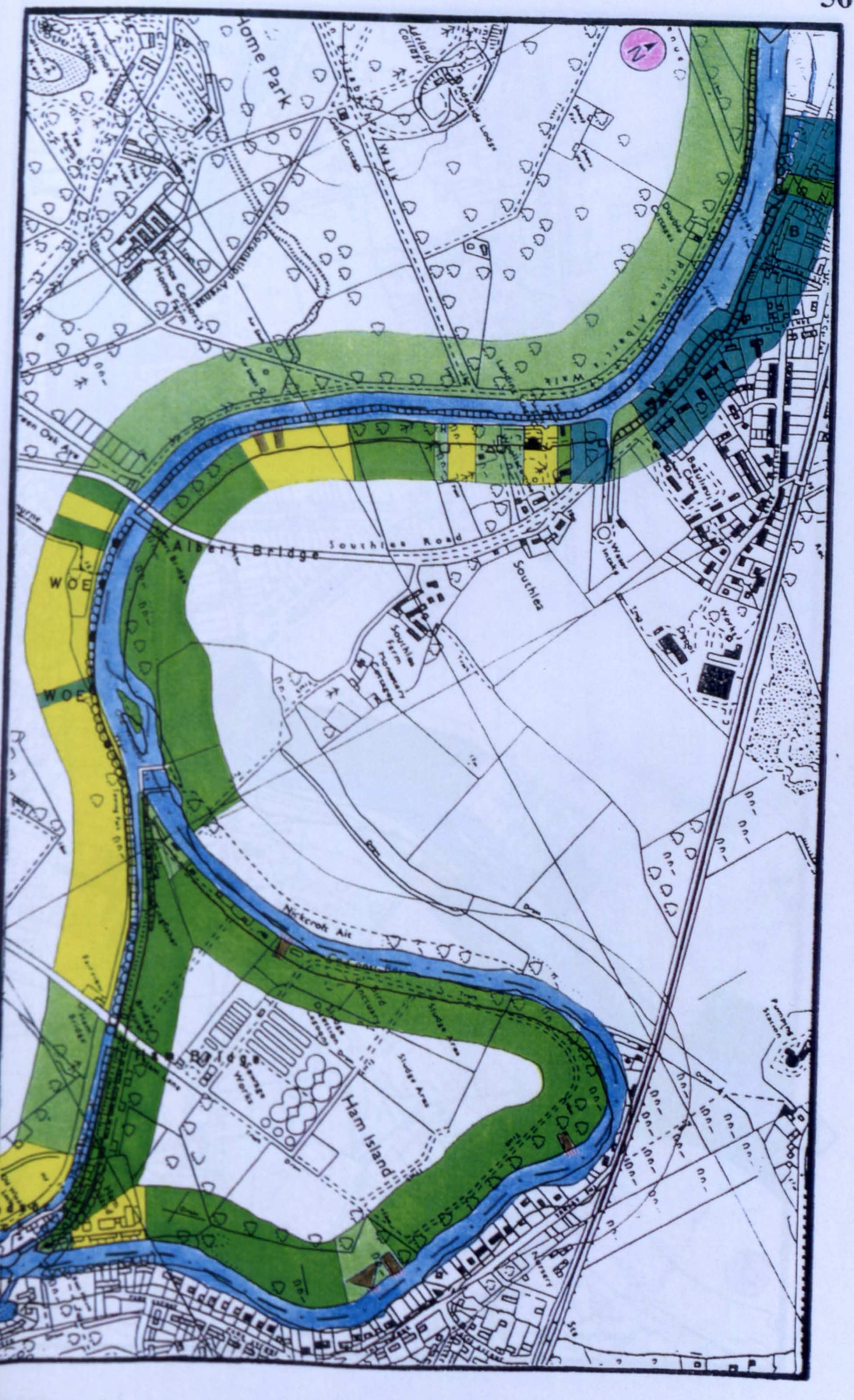

A332 RoadBridge
WOE
WLE
Eton Railway Bridge
WLE
WOE
M
M
Windsor Bridge
WLE
Romney
Lock B
F
Black Pott's Bridge
M
F
Victoria Bridge

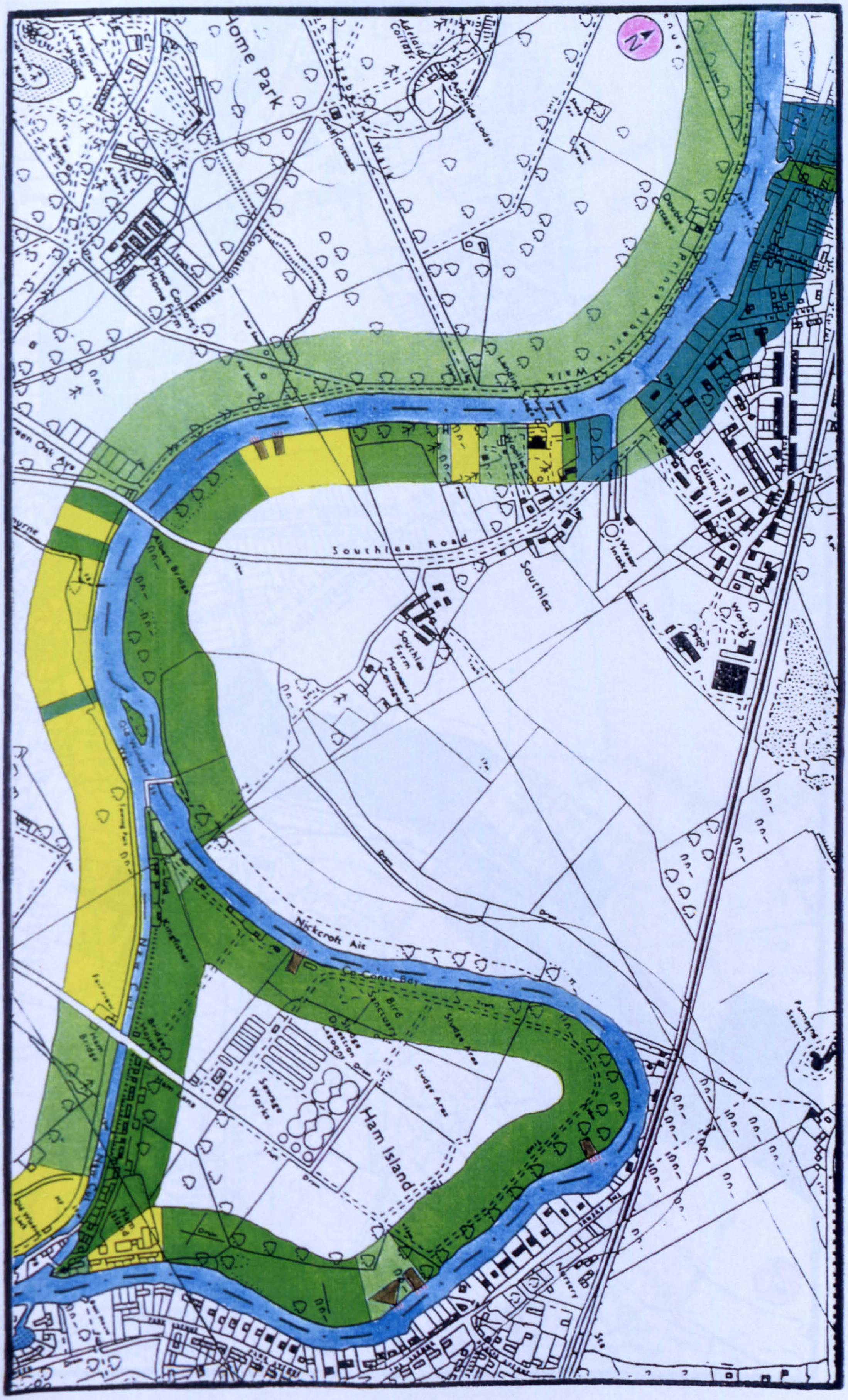
A 3 3 2 - R o B r i d g e
South Field
Meadow Lane
W O E
W L E
W O E
W L E
W E
ETON
South Meadow Lane
SOUTH MEADOW
Recreation Ground
Playing Field
Weloods House
Schools
Coll Memorial Buildings
Fellows Bridge
Colenorton Brook
Fellows Pond
The Timbralls
Fifteen Arch Bridge
ETON COLLEGE
Cricket Ground
The Playing Fields
Keller's Ait
Slough Ho
Slough Island
Slough
Lodge
Pavilion
Tennis Courts
Boathouses
Landing Stages
Bridge
The Home Park
(Public Recreation Ground)
Castle
Broad Waters (Lower Pond)
Terrace Garden
East Lawn
South Slopes
Datchet Border
King Edward VII Avenue
Sloane Lodge
Black
tt's
Victoria Bridge
Ditch Elm Avenue
Coll Courts
Oriental Hall Cottages
The Brocas
Alexandra Gardens
Co Centr Bdgs
Bore Cott
Cemy Chap
Fellows Bridge
Cricket Ground
N

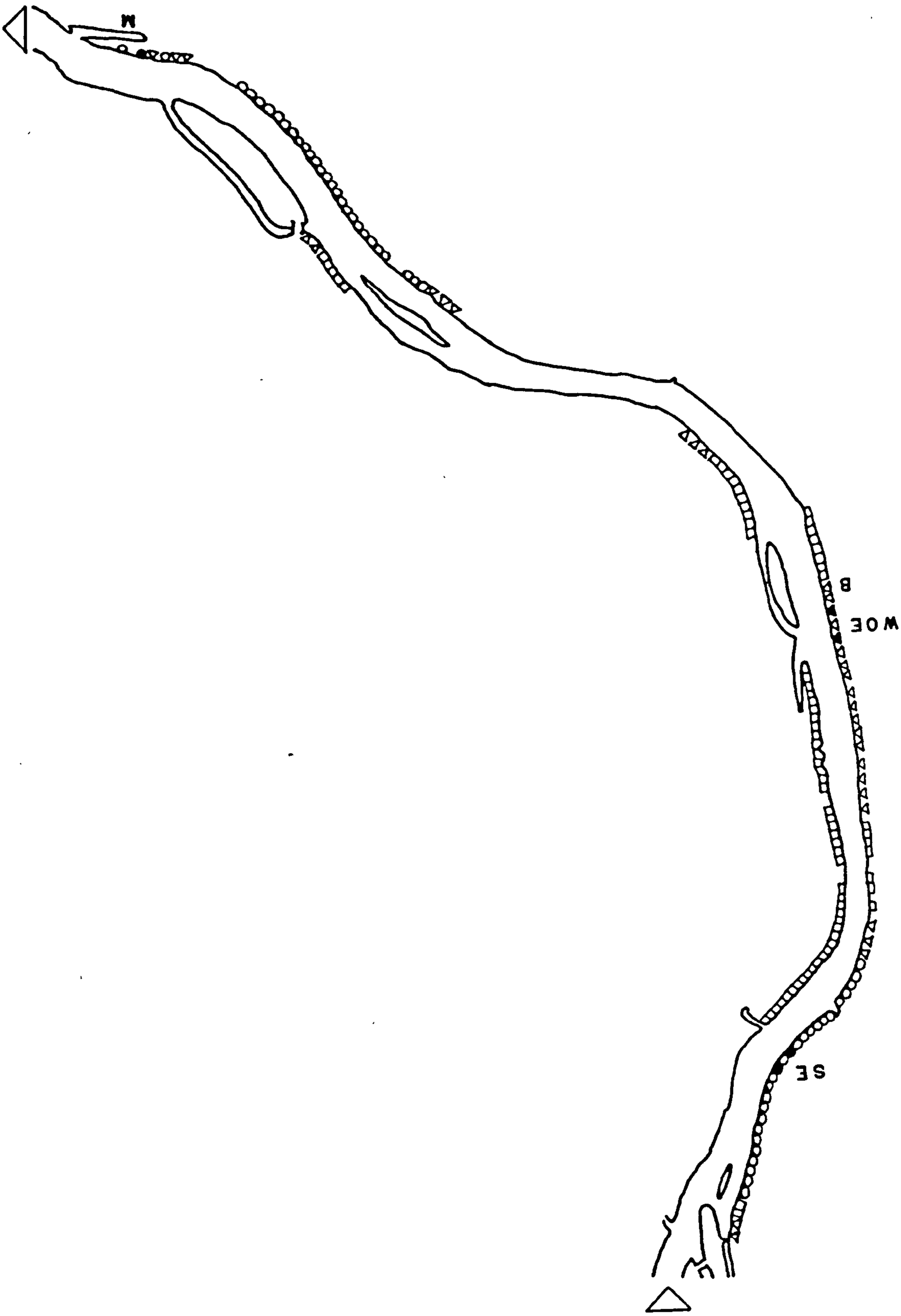
ROMNEY REACH

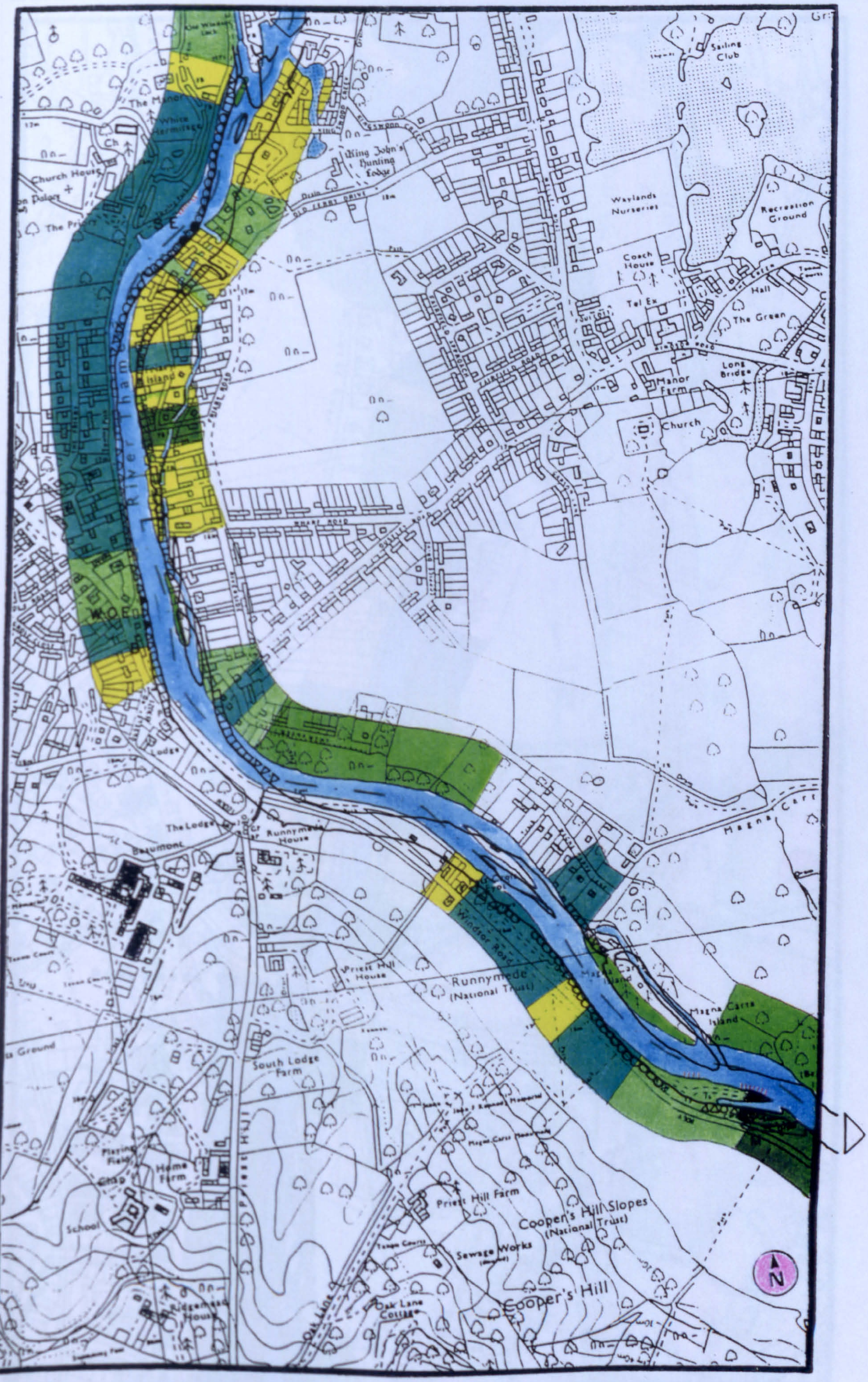

B
Albert Bridge
WOE
WOE
Ham Bridge
Old
Windsor
Lock

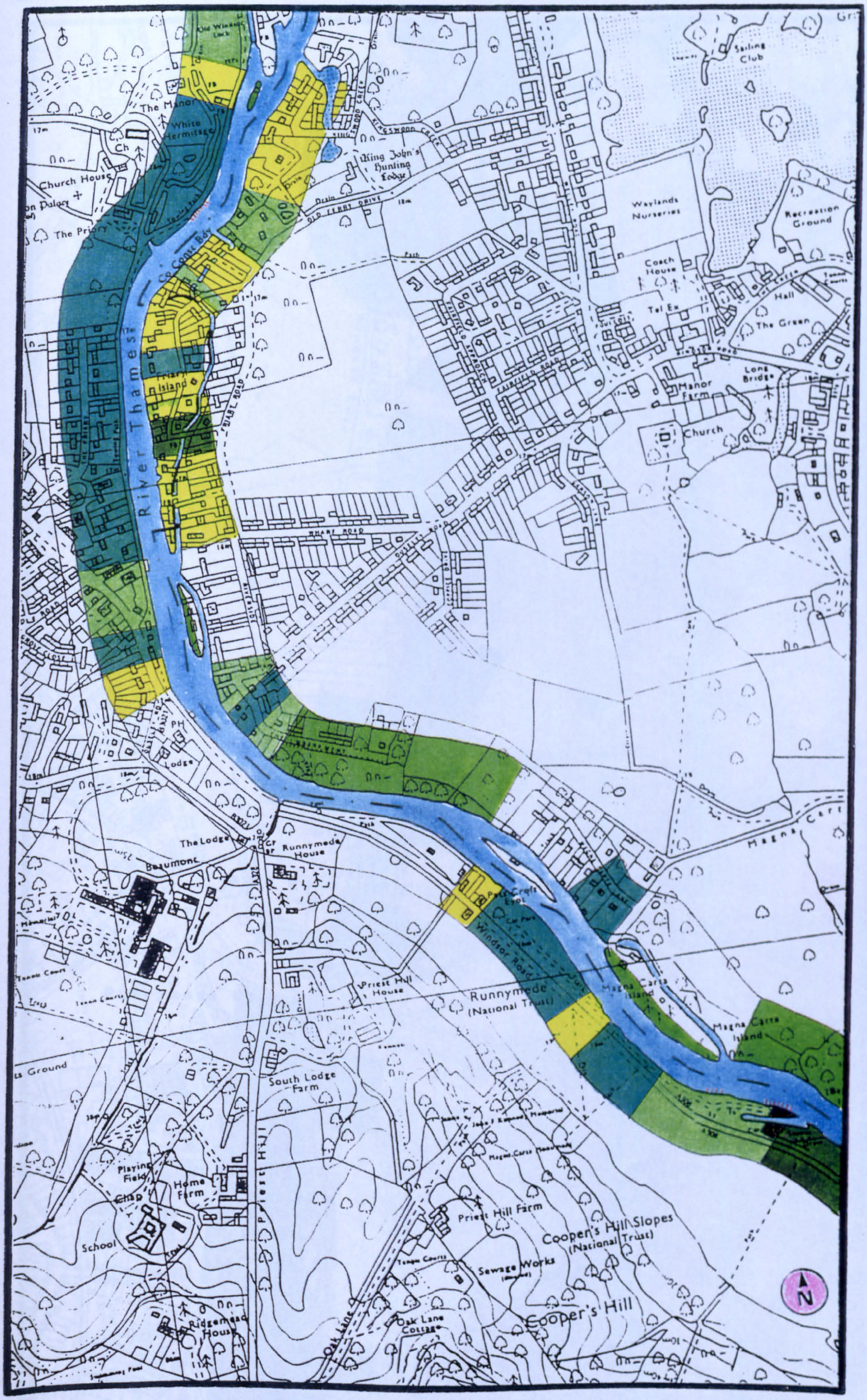
OLD WINDSOR REACH

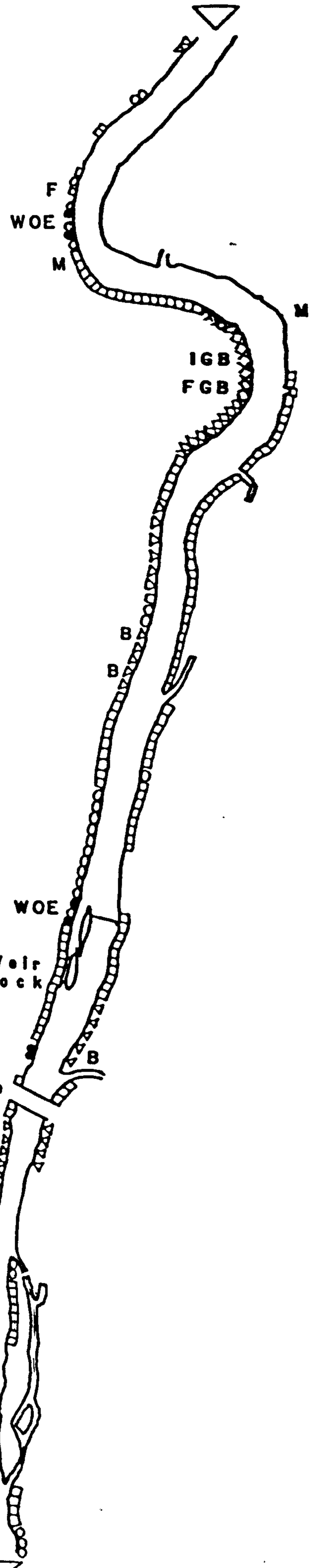



Home Park
Adelaide Cottages
Adelaide Lodge
Coal Comm
Carpenter's Walk
Prince Consort's Home Farm
Queen Adelaide's Walk
Queen Oak Ave
Southlea Road
Albert Bridge
Old Windsor Lock
Long Pool Dyke
Kingfisher
Nikkerok Ait
Sewage Works
Sludge Area
Sludge Oxidation Beds
Ham Island
Ham Lane
Ham Bridge
Bridge Cottages
Southlea Farm
Thorneycroft Cottages
Water Intake
Beaufleur Close
Double Cottages
Prince Albert's Walk
Lower Pool Dyke
Bird Sanctuary
Co Conservancy
Pumping Station
Ham Island
Nikkerok Ait


M
B
W
O
E
S
E


Sailing Club
Recreation Ground
Waylands Nurseries
Coach House
Tel Ex
Hall
The Green
Lone Bridge
Manor Farm
Church
King John's Hunting Lodge
Old Ferry Drive
Island
River Thames
Weir
Lodge
The Lodge
Belsumont
Runnymede House
Priest Hill House
Runnymede (National Trust)
Magna Carta Island
Windsor Road
Priest Hill Farm
Cooper's Hill Slopes (National Trust)
Cooper's Hill
Sewage Works
Oak Lane Cottage
South Lodge Farm
Home Farm
School
Playing Fields
Ridgemead House
Oak Lane
N

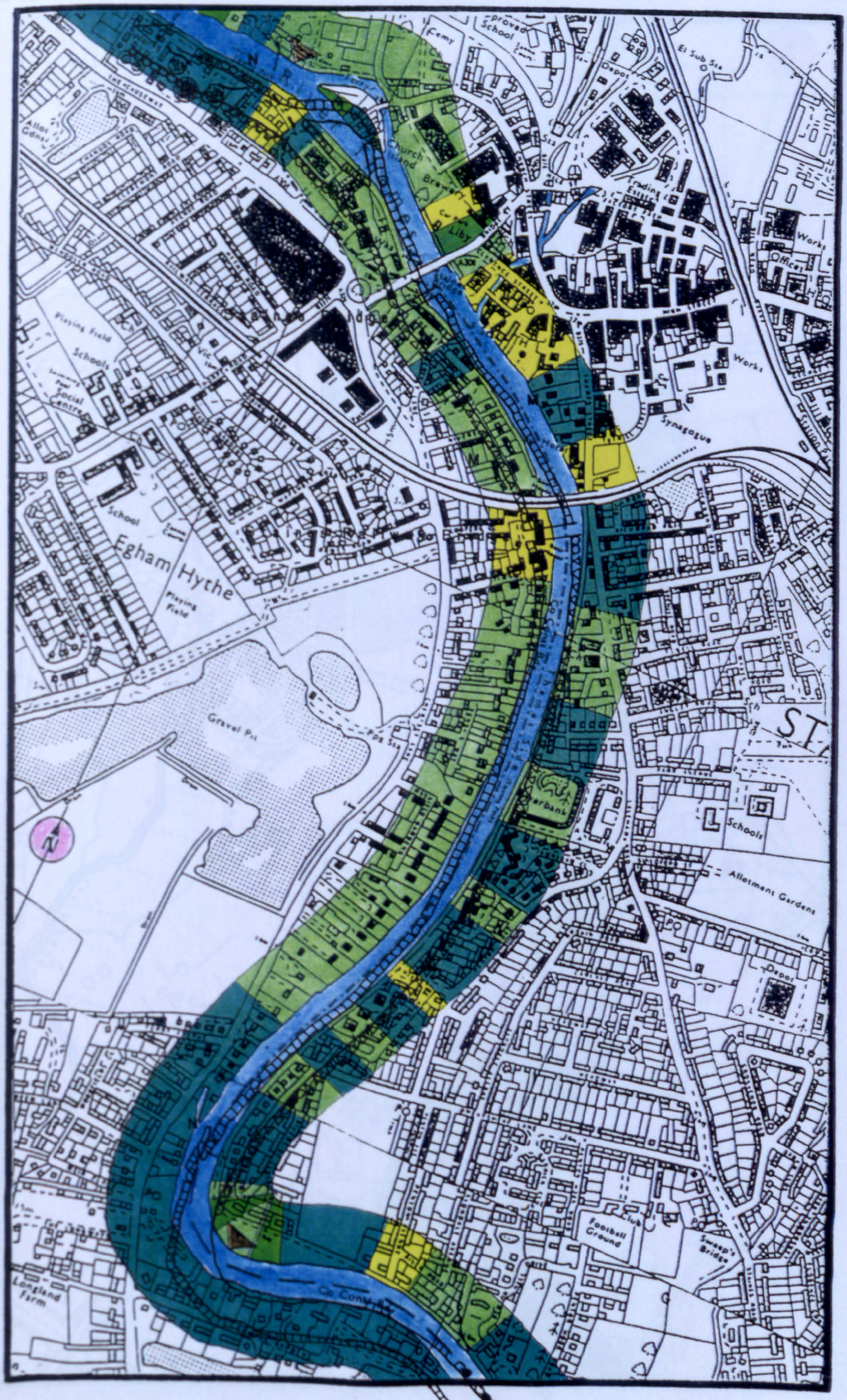

Old Windsor Lock
The Manor
White Hermitage
Ch
Church House
The Priory
Co Coast Boy
Sailing Club
Wayland's Nurseries
Recreation Ground
Coach House
Tel Ex
Hall
The Green
King John's Hunting Lodge
Old Ferry Drive
Fairfield Road
Long Bridge
Manor Farm
Church
Friary Island
River Thames
Public Path
Wharf Road
PH
Lodge
The Lodge
Runnymede House
Beaumont
Tennis Courts
Priest Hill House
Runnymede (National Trust)
Windsor Road
Magna Carta Island
Magna Carta
Priest Hill Farm
Cooper's Hill Slopes (National Trust)
Sewage Works
Cooper's Hill
South Lodge Farm
Playing Field
Home Farm
Chap
School
Ridgemead House
Oak Lane
Oak Lane Cottage
N

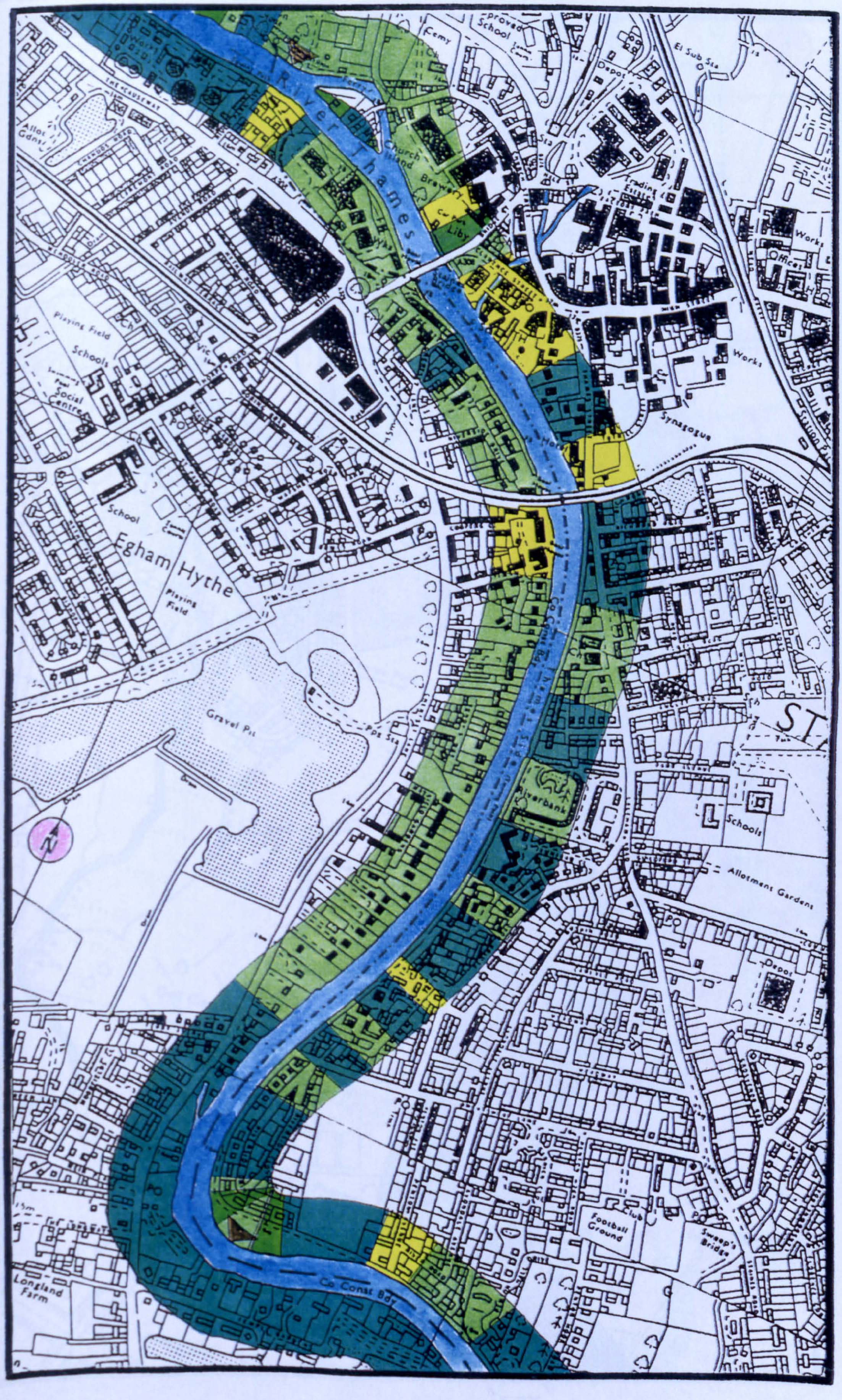

F
WOE
M
M
IGB
FGB
B
B
WOE
Bell Weir
Lock
B
Runnymede Bridge
M
WOE
F

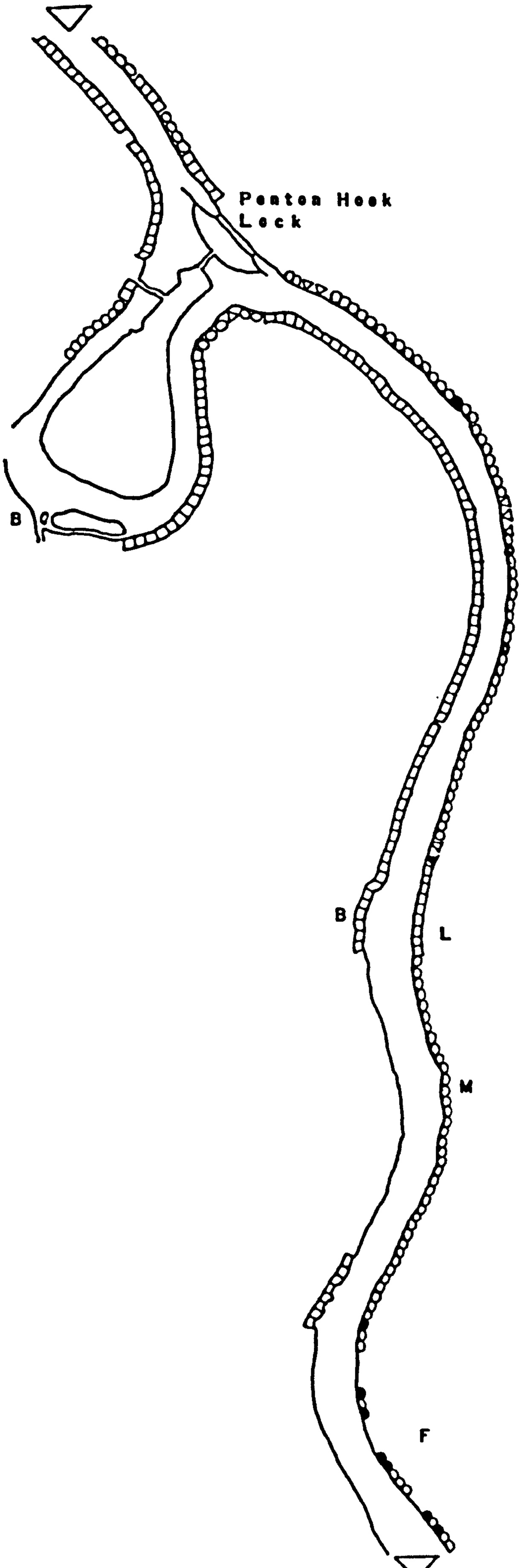
Cooper's Hill Lane
Langham Pond
Runnymede
National Trust
National Trust
Windsor Road
Ankerwycke Priory
Ankerwycke Farm
Longfield Farm
Gravel Pits
Hythe End Road
Depot
Watts Hill Cottages
Hythe End
Hythe End Bridge
Wraysbury Road
Nursery
Gravel Pit
Gravel Works
Bell Weir Lock
Runnymede Bridge
Water Works
Sports Ground
Church Lane
Staines Reservoirs
Moor Farm
Lammas Court
WOE
F
M
LG B
F G B
B
N

BELL WEIR REACH II

N
Staines Bridge
Staines Railway Bridge
B
N

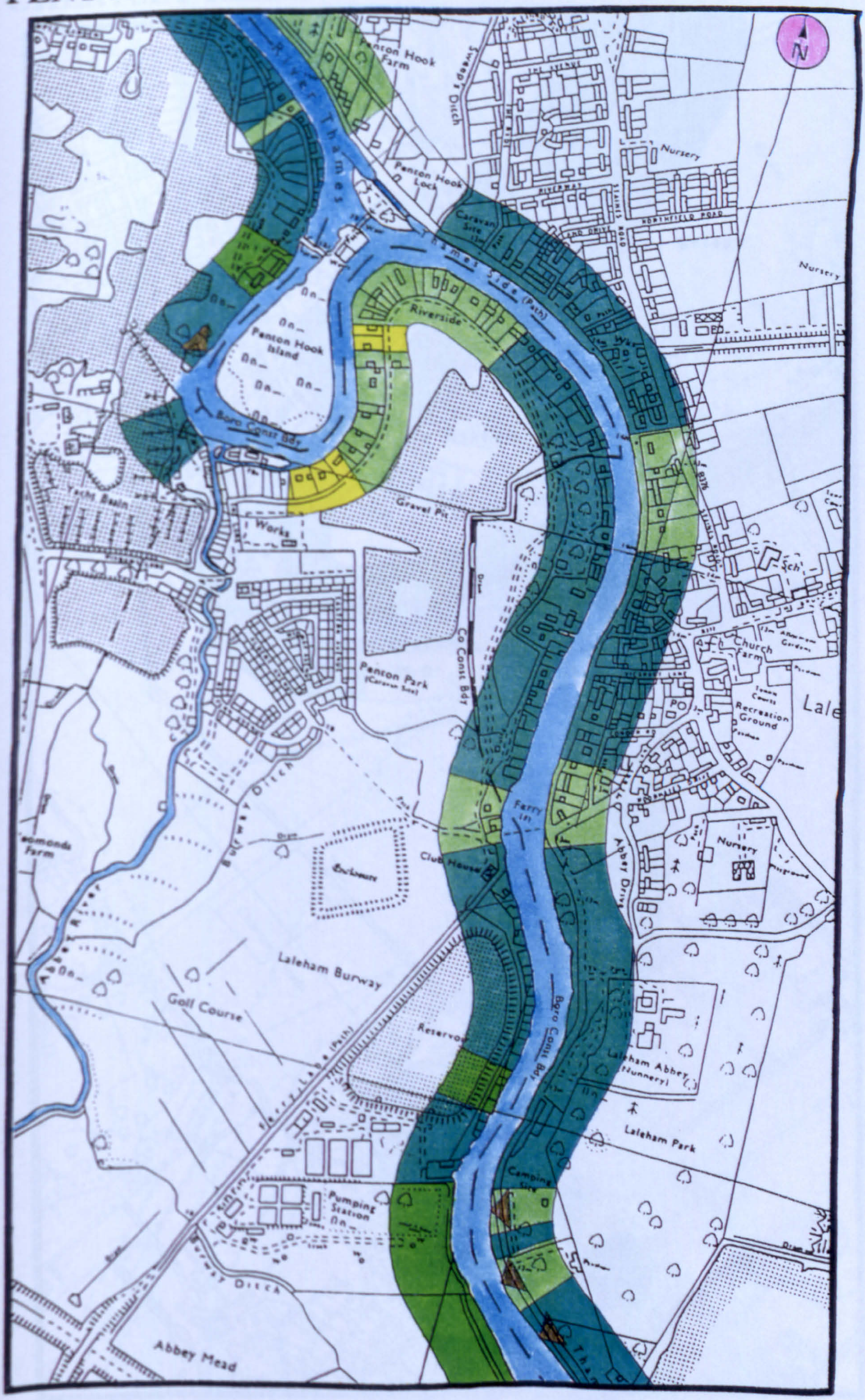

N
R
Ferry
Ferry
Church Island
Brown
Liby
Proved School
Depot
El Sub Sta
Sta
Trading Estate
Works
Offices
Works
Synagogue
Allot Gdns
Playing Field
Schools
Social Centre
School
Egham Hythe
Playing Field
Gravel Pit
Pps Sta
Orbank
Schools
Allotment Gardens
Depot
Football Ground
Club
Sweep's Bridge
Longland Farm
Co Conv
N

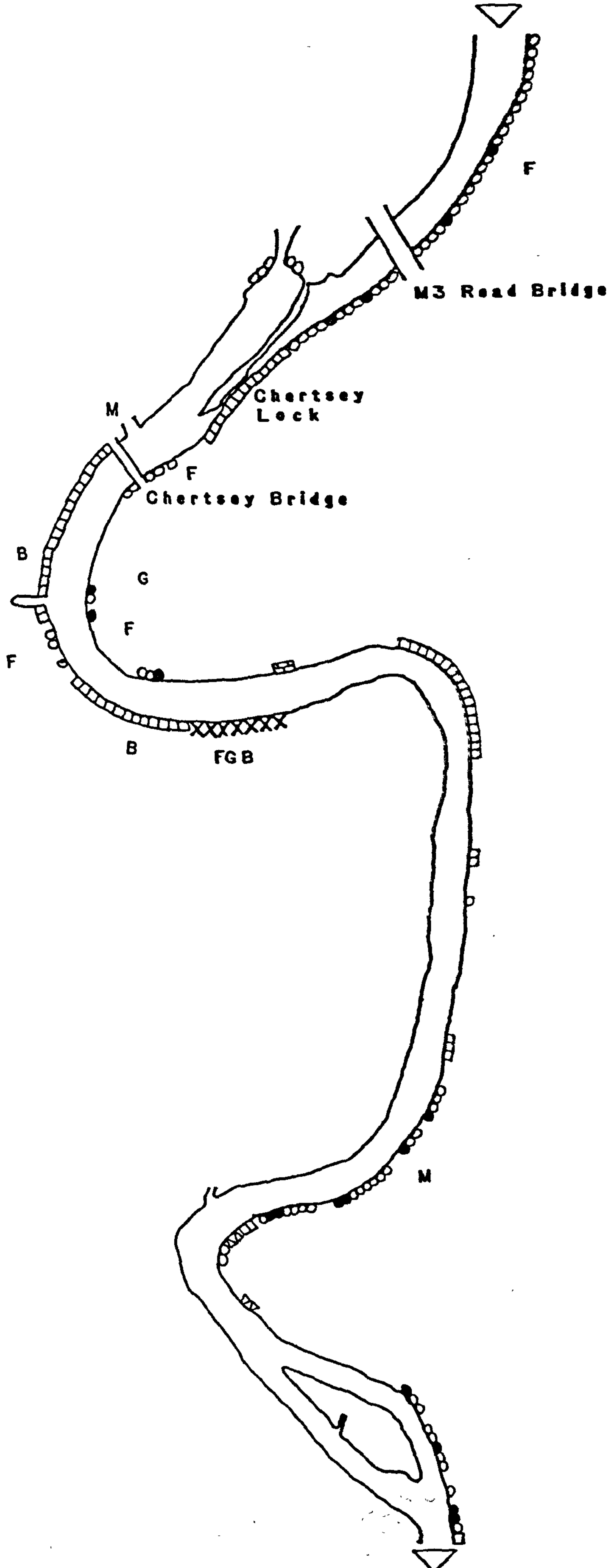

River Thames
Ferry
Church Island
Brewery
Proved School
Depot
El Sub Sta
Trading Estate
Works
Offices
Synagogue
Allot Gdns
Chertsey Road
Ivy Bridge Road
Vic
Playing Field
Schools
Social Centre
School
Egham Hythe
Playing Field
Gravel Pit
Pipe Sta
Riverbank
Schools
Allotment Gardens
Depot
Co Const Bdy
Football Club Ground
Sweep's Bridge
Longland Farm
N


Penton Hook
Lock
B
B
L
M
F

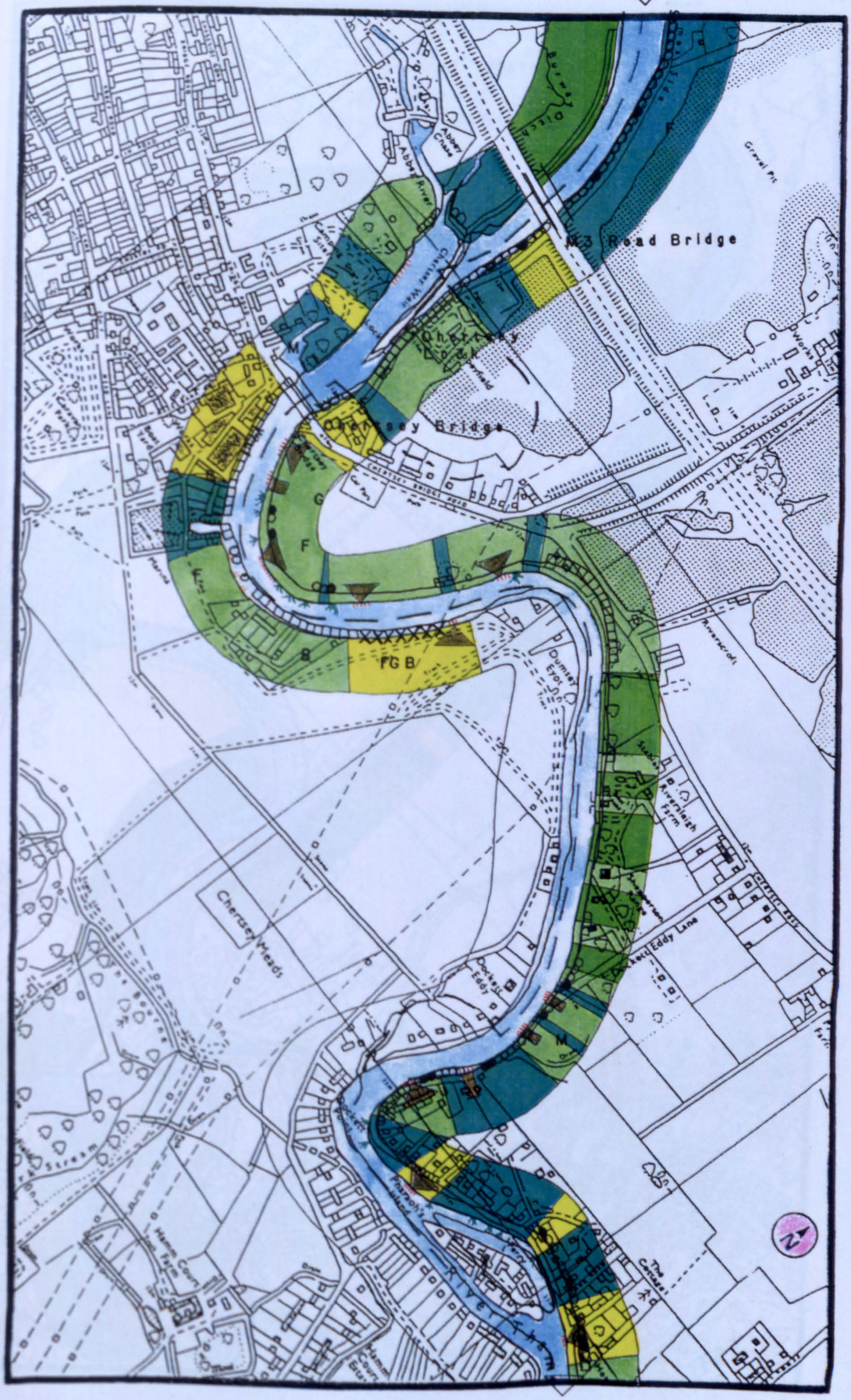
Penton Hook Farm
Sweeps Ditch
THE AVENUE
Nursery
Penton Hook
Penton Hook Lock
River Thames
RIVERWAY
STAINES ROAD
NORTHFIELD ROAD
Caravan Site
Thames Side (Path)
Nursery
Riverside
Penton Hook Island
Boro Const Bdy
Yacht Basin
Gravel Pit
Works
Sch
Church Farm
Penton Park
(Caravan Site)
Co Const Bdy
PO
Recreation Ground
Lale
Burway Ditch
Club House
Abbey Drive
Nursery
Enclosure
Laleham Burway
Golf Course
Abbey River
Reservoir
Laleham Abbey (Nunnery)
Laleham Park
Camping Site
Pumping Station
Burway Ditch
Abbey Mead
N
B
F

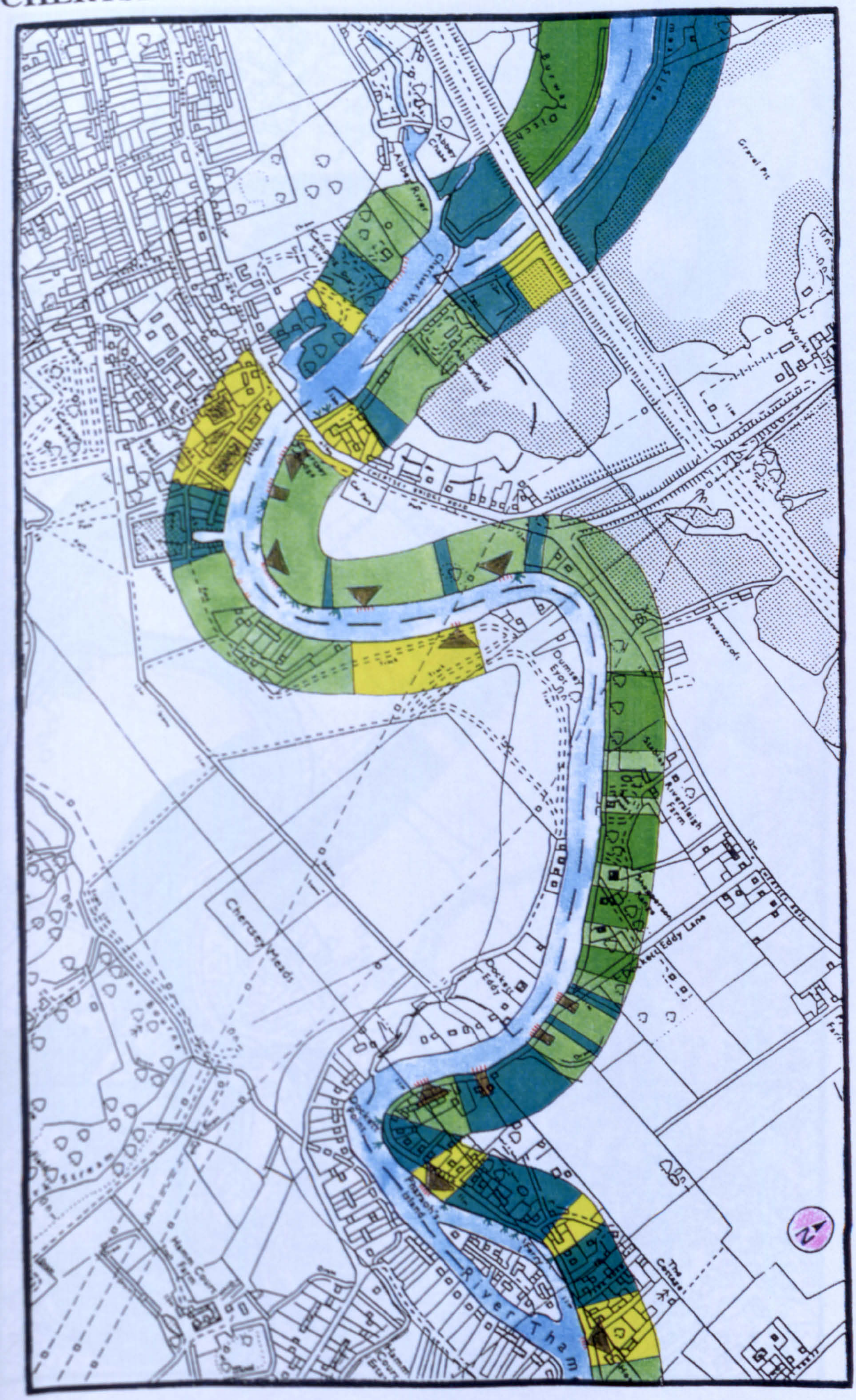
PENTON HOOK REACH II

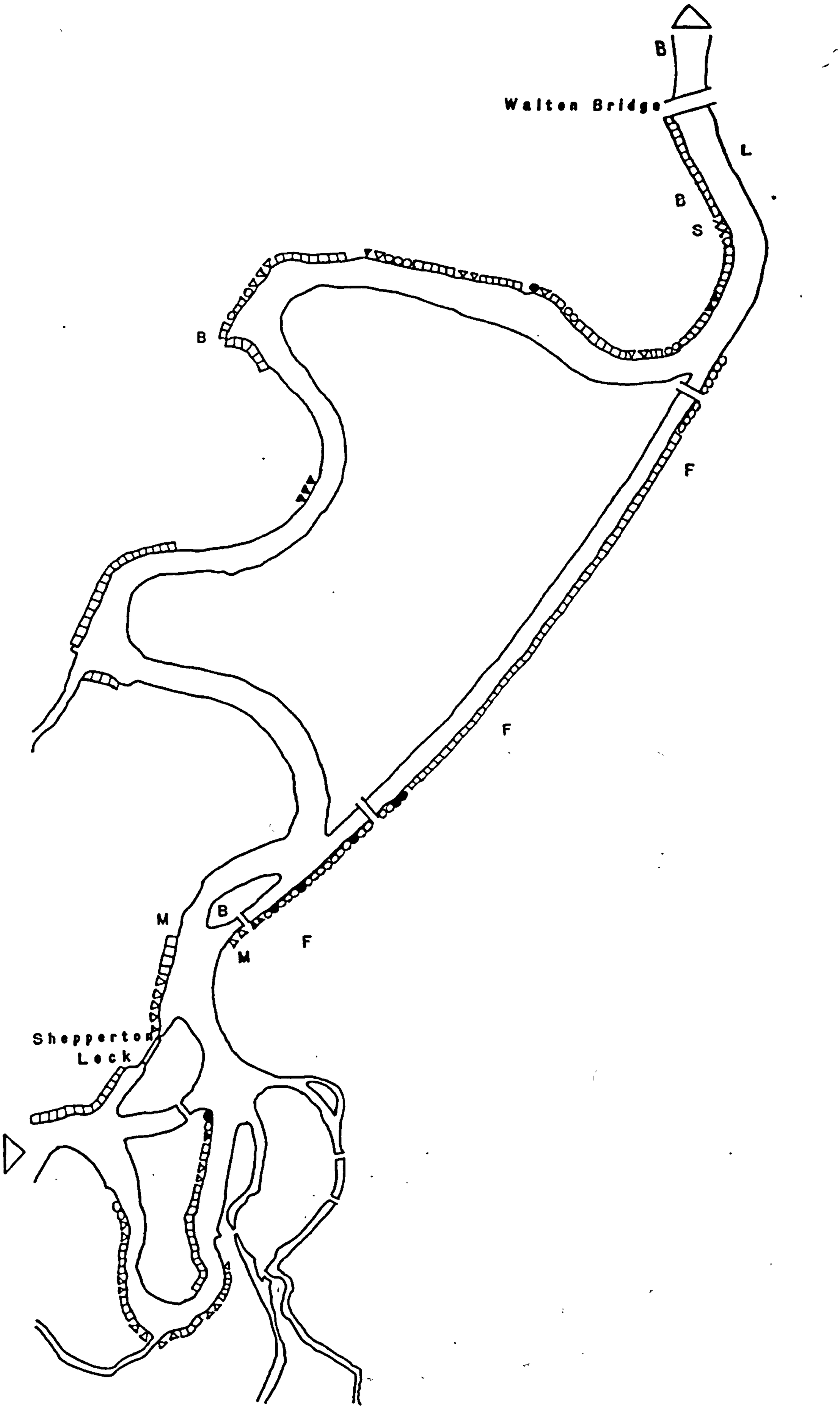


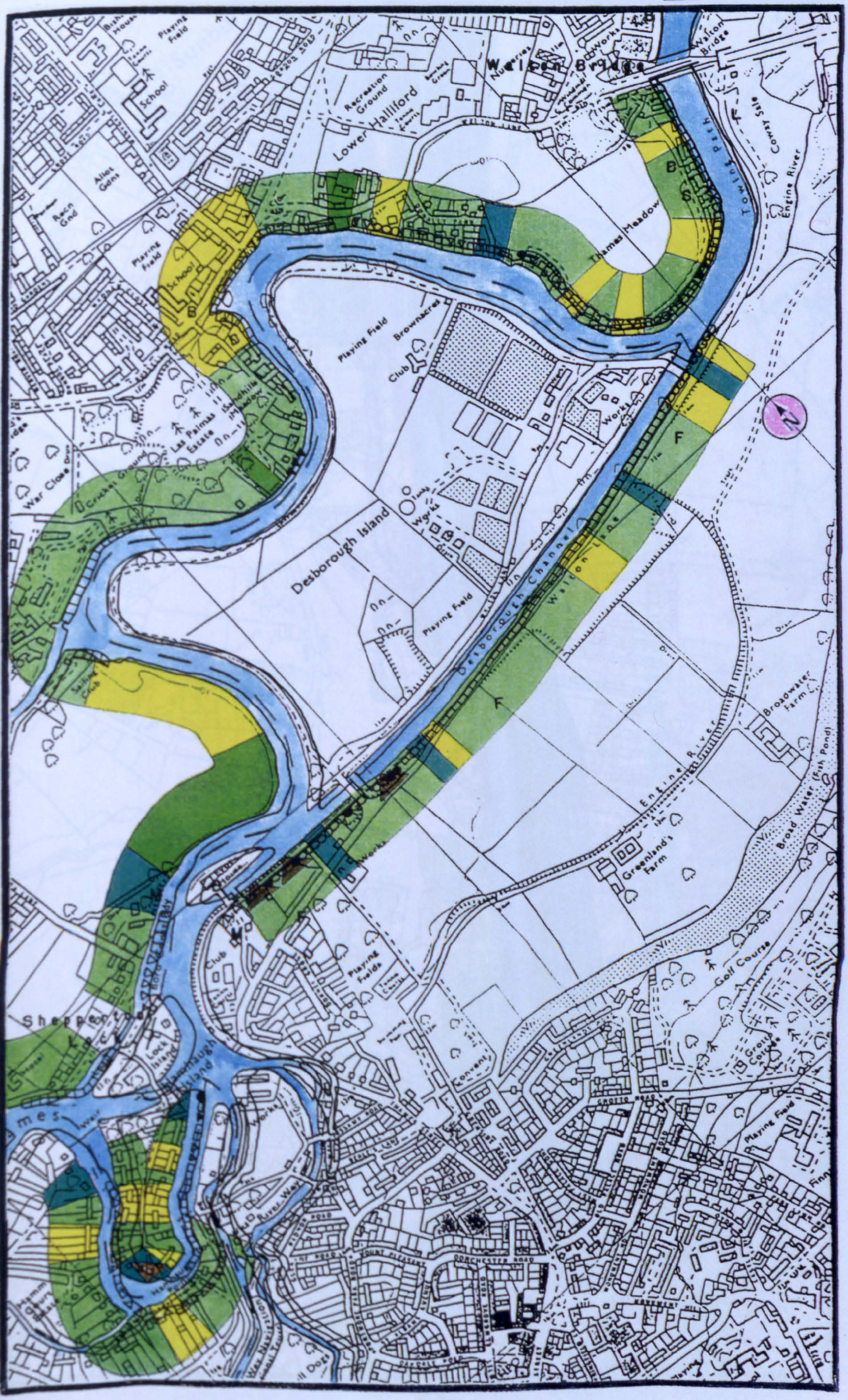

F
M3 Road Bridge
Chertsey
Lock
M
F
Chertsey Bridge
B
G
F
F
B
FGB
M

CHERTSEY REACH

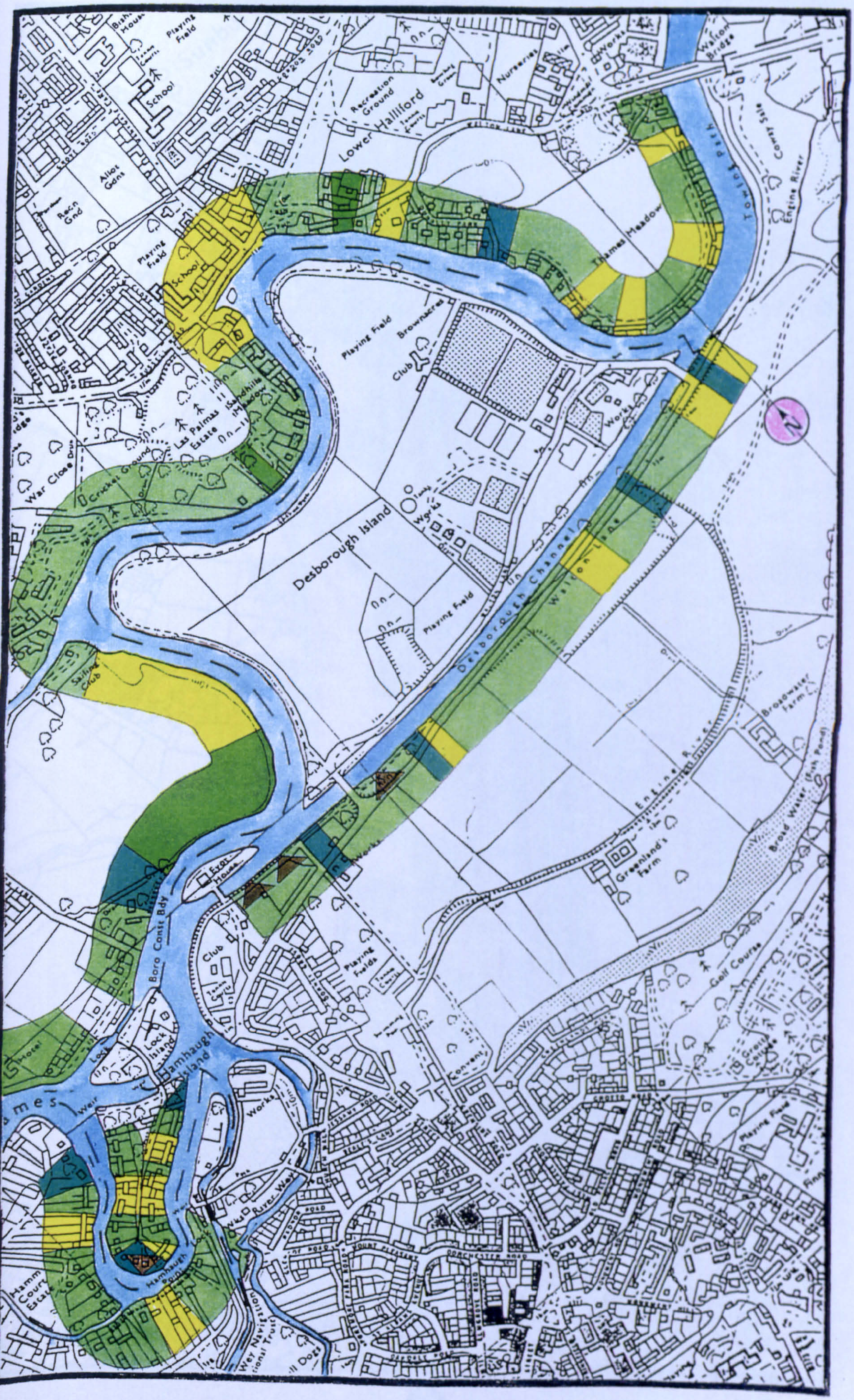


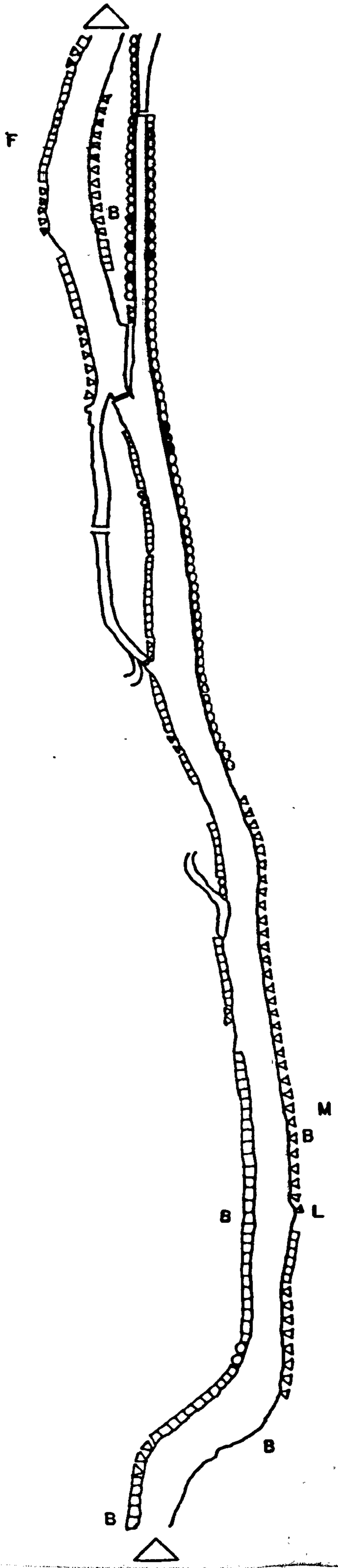

Abbey River
Abbey Creek
Chertsey Bridge Road
Gravel Pit
Ouvry Eyot
Riverleigh Farm
Eddy Lane
Chertsey Meads
Pharaoh's Island
River Thames
The Causeway
N


B
Walton Bridge
L
B
S
B
F
F
M
B
M
F
Shepperton
Lock

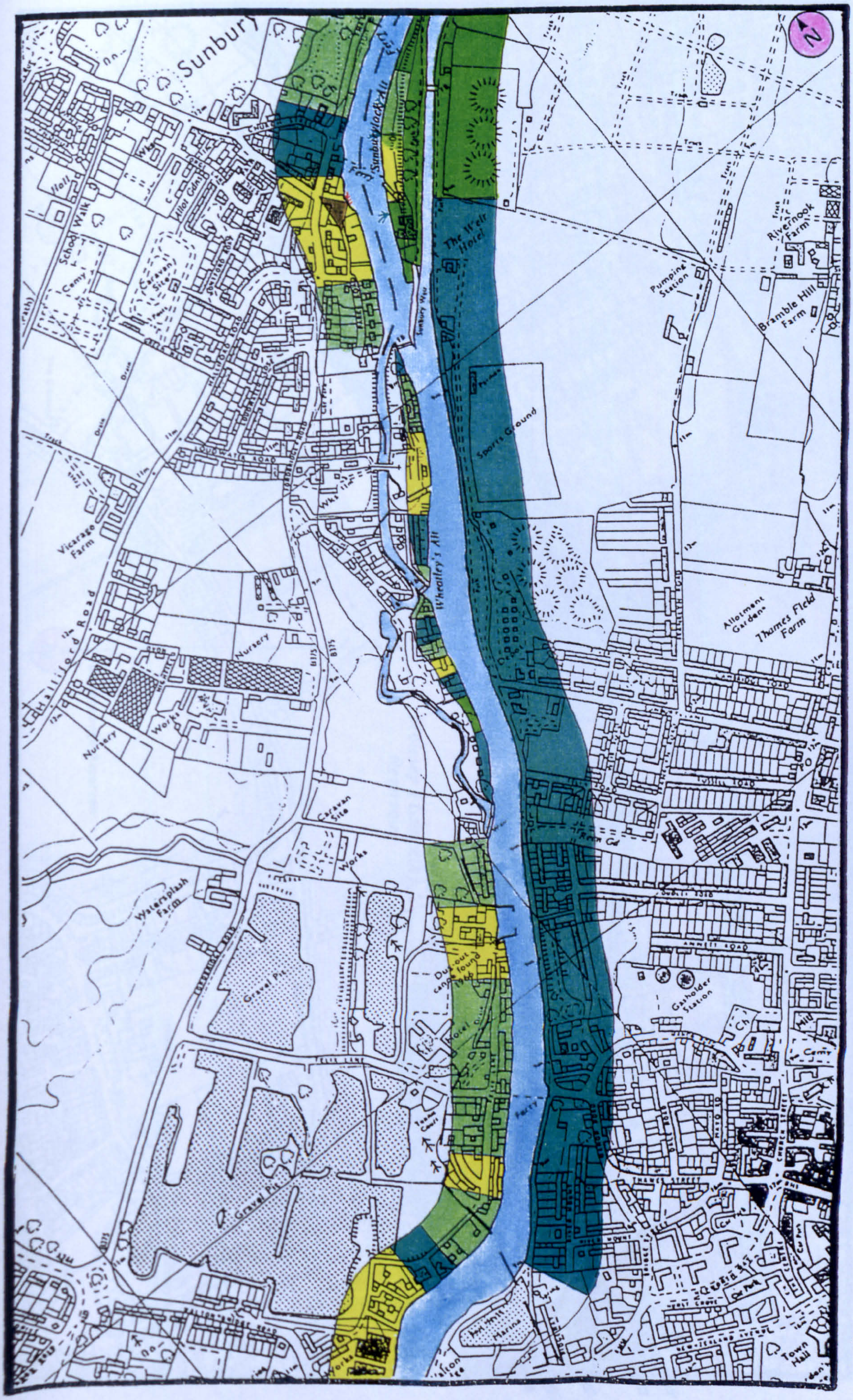

Playing Field
School
Allot Gdns
Recn Gnd
Recreation Ground
Lower Halliford
Walton Bridge
Towing Path
Cowey Sale
Engine River
Thames Meadow
Playing Field
Brownacres
Club
Las Palmas Estate
War Close
Cricket Ground
Desborough Island
Works
Desborough Channel
Walton Lane
Broadwater Farm
Broad Water (Fish Pond)
Greenland's Farm
Golf Course
Grotto Road
Convent
Playing Fields
Shepperton Lock
Lock Island
Thames
Weir
River Way
Dorchester Road
Playing Field

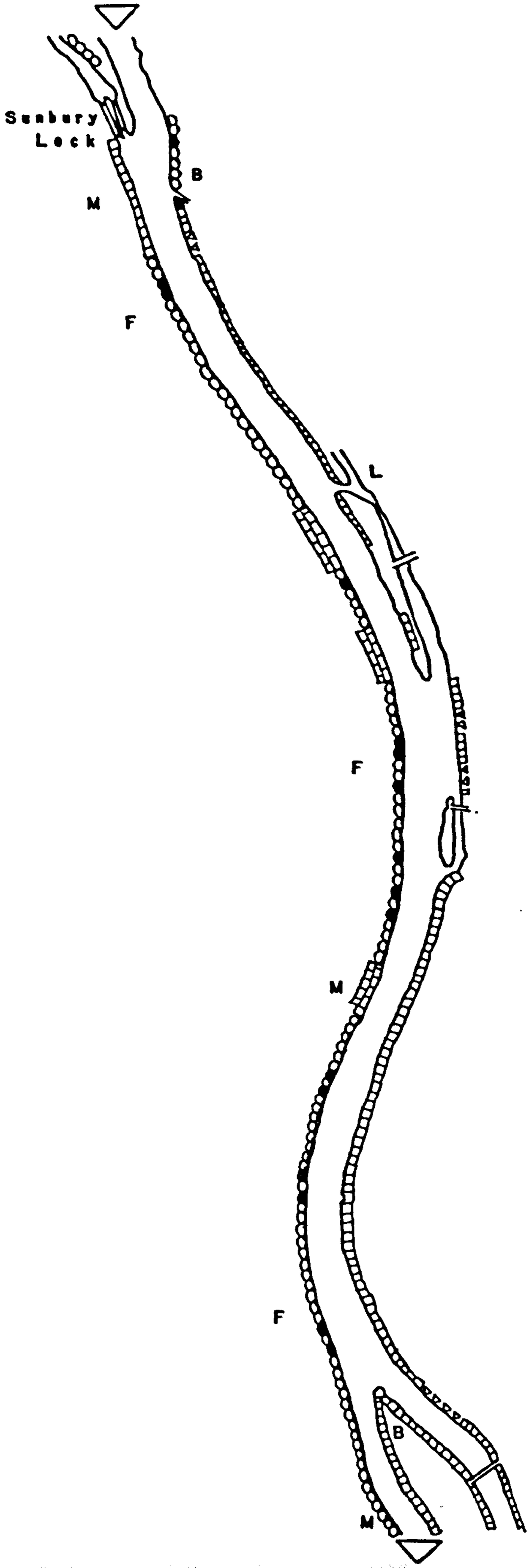
SHEPPERTON REACH



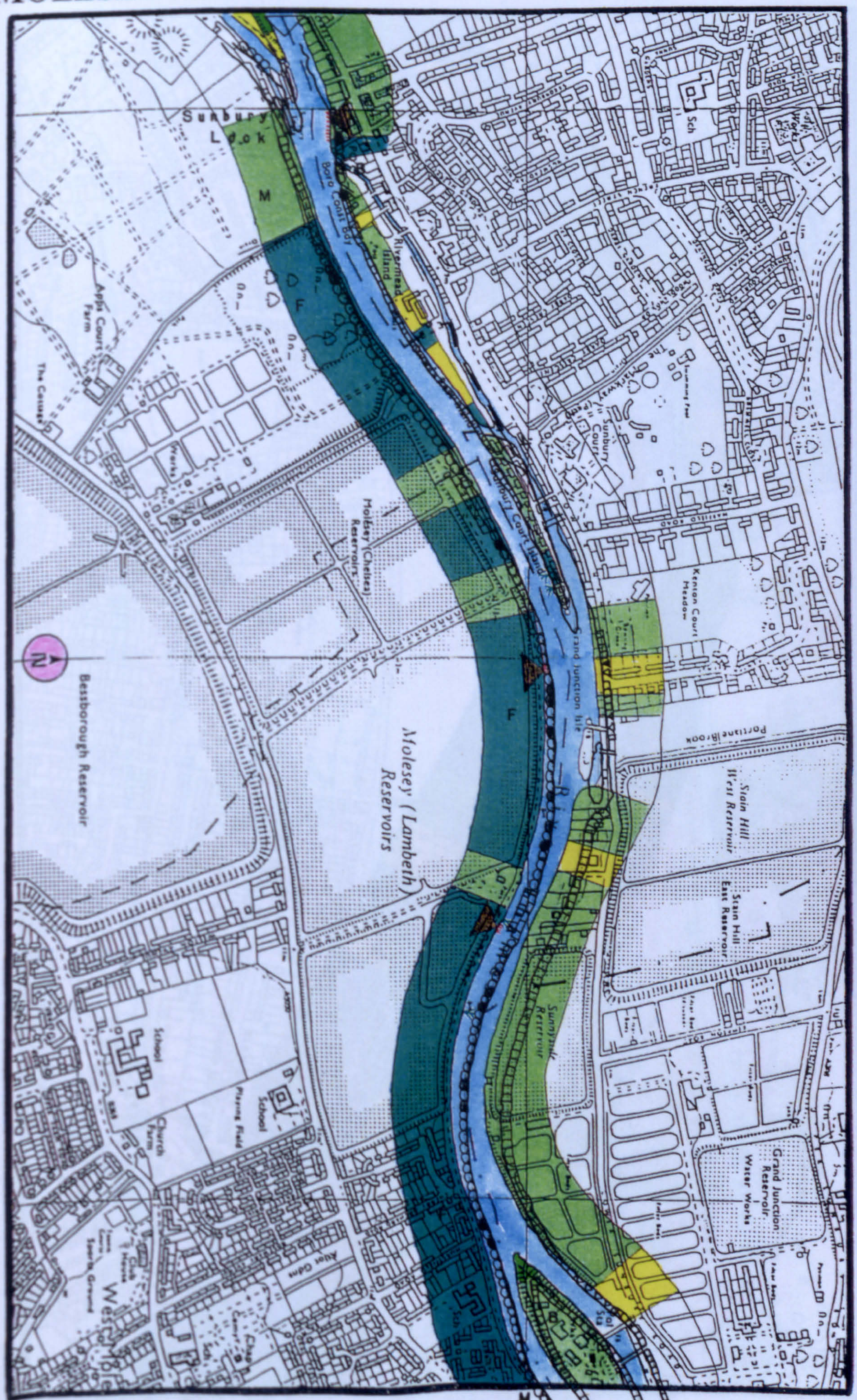

F
B
M
B
B
L
B
B

Sunbury
Riverhook Farm
Pumping Station
Bramble Hill Farm
Sports Ground
Allotment Gardens
Thames Field Farm
Vicarage Farm
Nursery
Caravan Site
Waterplash Farm
Gravel Pit
Gasholder Station
Marina
Town Hall

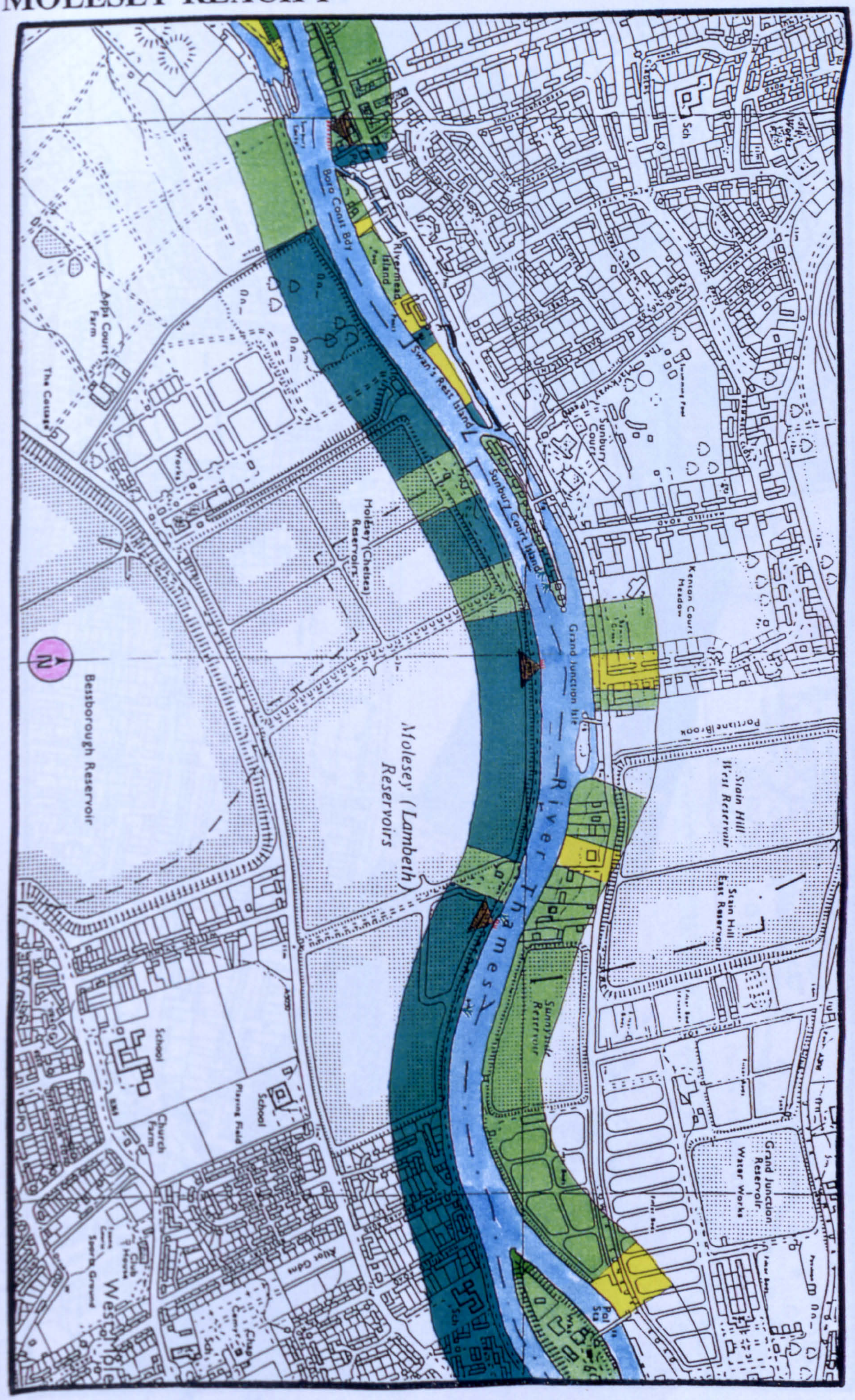

Sunbury
Sunbury Lock & Weir
The Weir Hotel
Riverhook Farm
Pumping Station
Bramble Hill Farm
Sports Ground
Wheatley's Ait
Allotment Gardens
Thames Field Farm
Vicarage Farm
Nursery
Caravan Site
Works
Watersplash Farm
Gravel Pit
Dug-out canoe found 1965
Gasholder Station
Marina
Town Hall
School Walk
Allot Gdns
Caravan Site
Sunbury Weir
Sports Ground
Nursery
Works
Caravan Site
Works
Gravel Pit
Marina
Town Hall

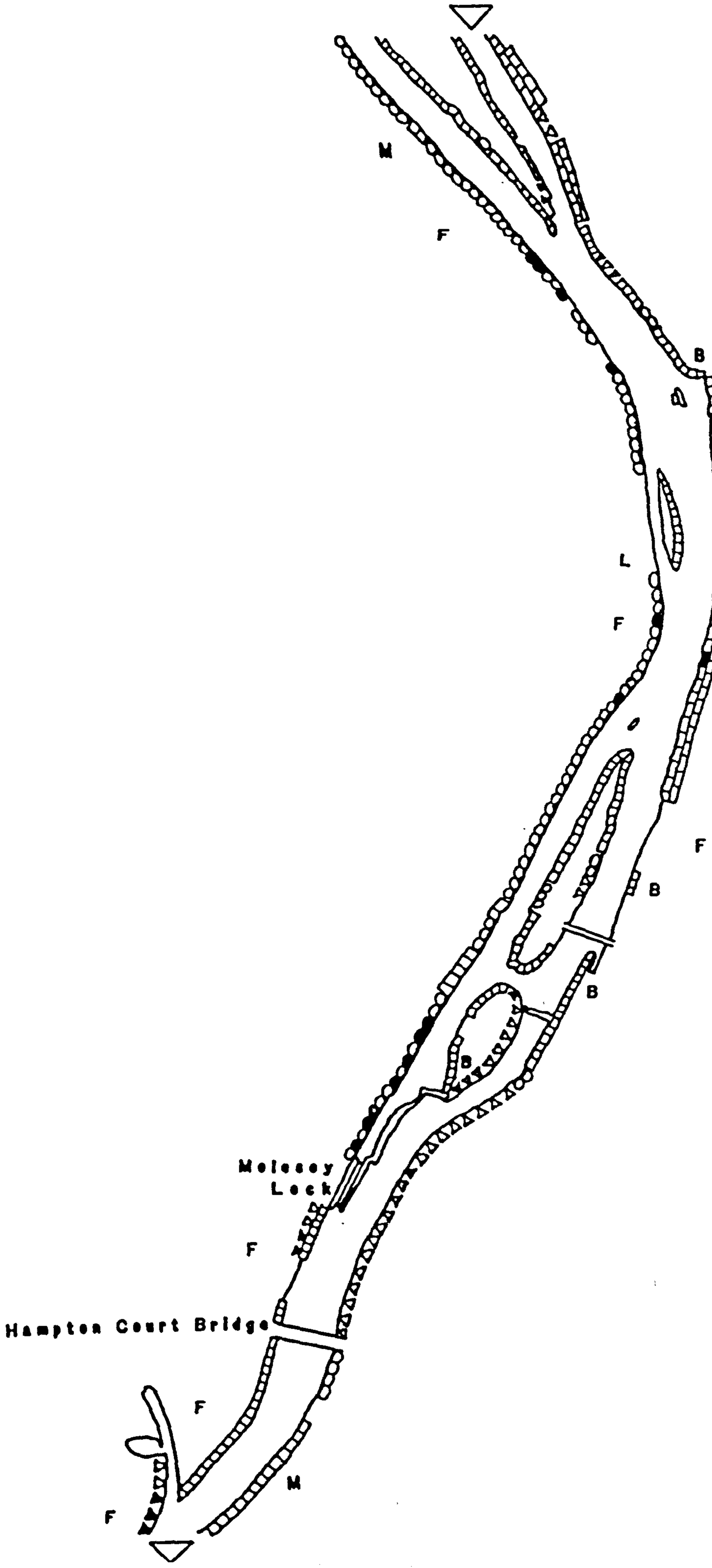

Sunbury
Lock
B
M
F
L
F
M
F
B
M

MOLESEY REACH I



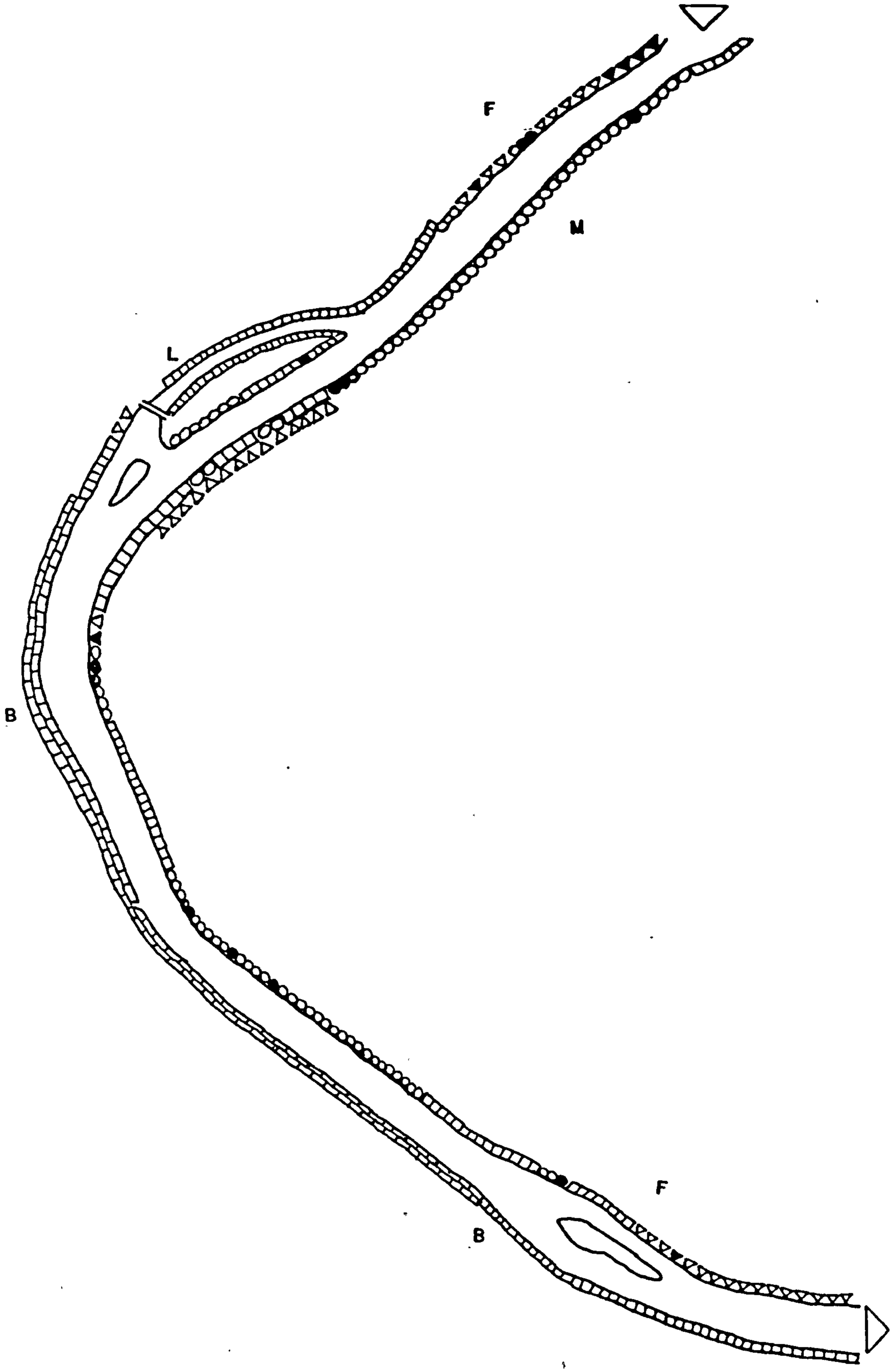
MOLESEY REACH I



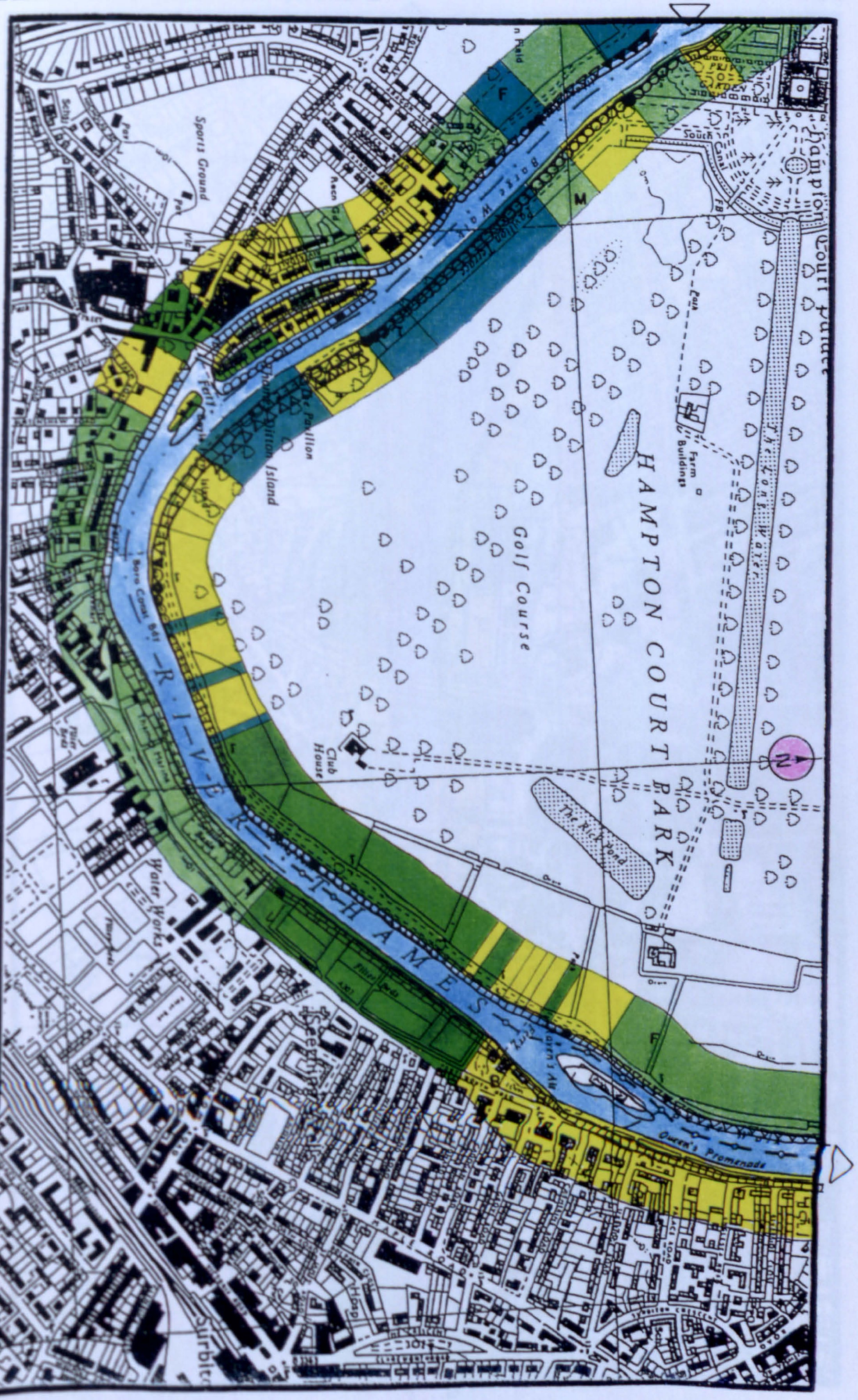

M
F
B
B
a
L
F
F
B
B
B
Molesey
Lock
F
Hampton Court Bridge
F
M
F

MOLESEY REACH II

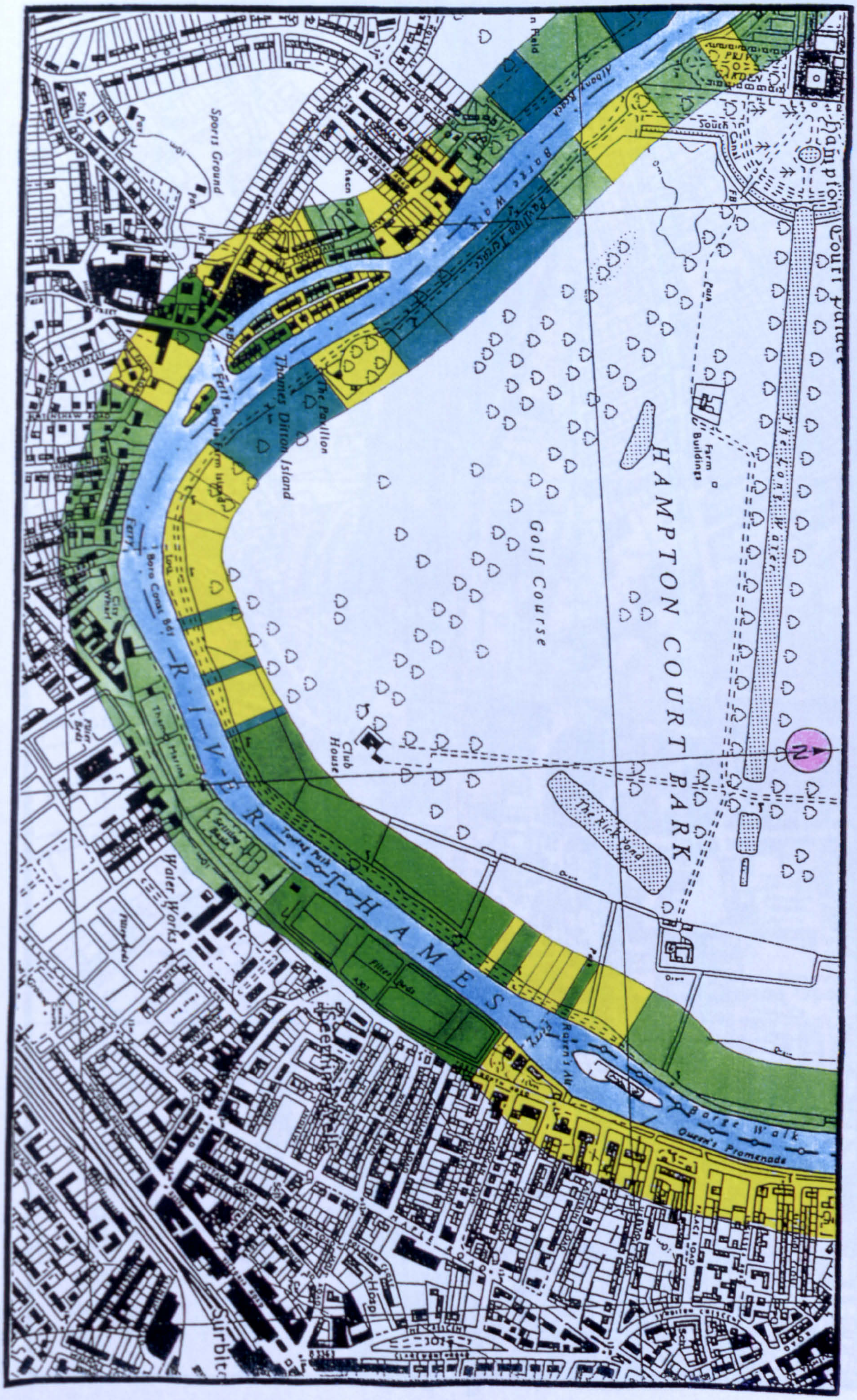
Platt's Eyot
Filter Beds
Liby
BELGRADE ROAD
AVENUE ROAD
Pol Sta
Sports Field
Boro Const Bdy
Hurst Park
Club
Landing Stages
Ferry
CHURCH STREET
Garrick's Ait
Recreation Ground
Tennis Courts
Sports Ground
Playing Field
Sch
Cricket Ground
Tagg's Island
Long
Waterhouse Pond
Waterhouse Woodland Garden
Fisher's Pond
Red Brick Bridge
Ash Island
Barge Walk
Molesey Lock
Hampton Court Bridge
Royal Mews
Hampton Court Green
Hampton Court House
Hampton Court Gate
River Mole
CIGARETTE ISLAND PARK
Diana Fountain

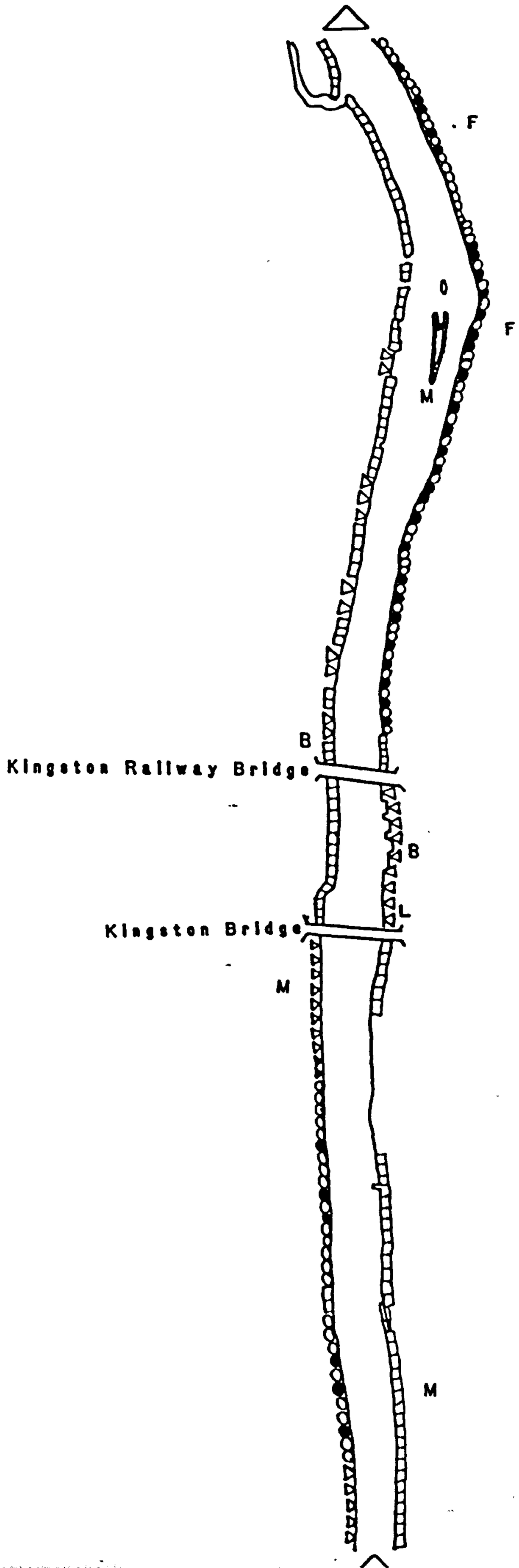

F
M
L
B
F
B

TEDDINGTON REACH I

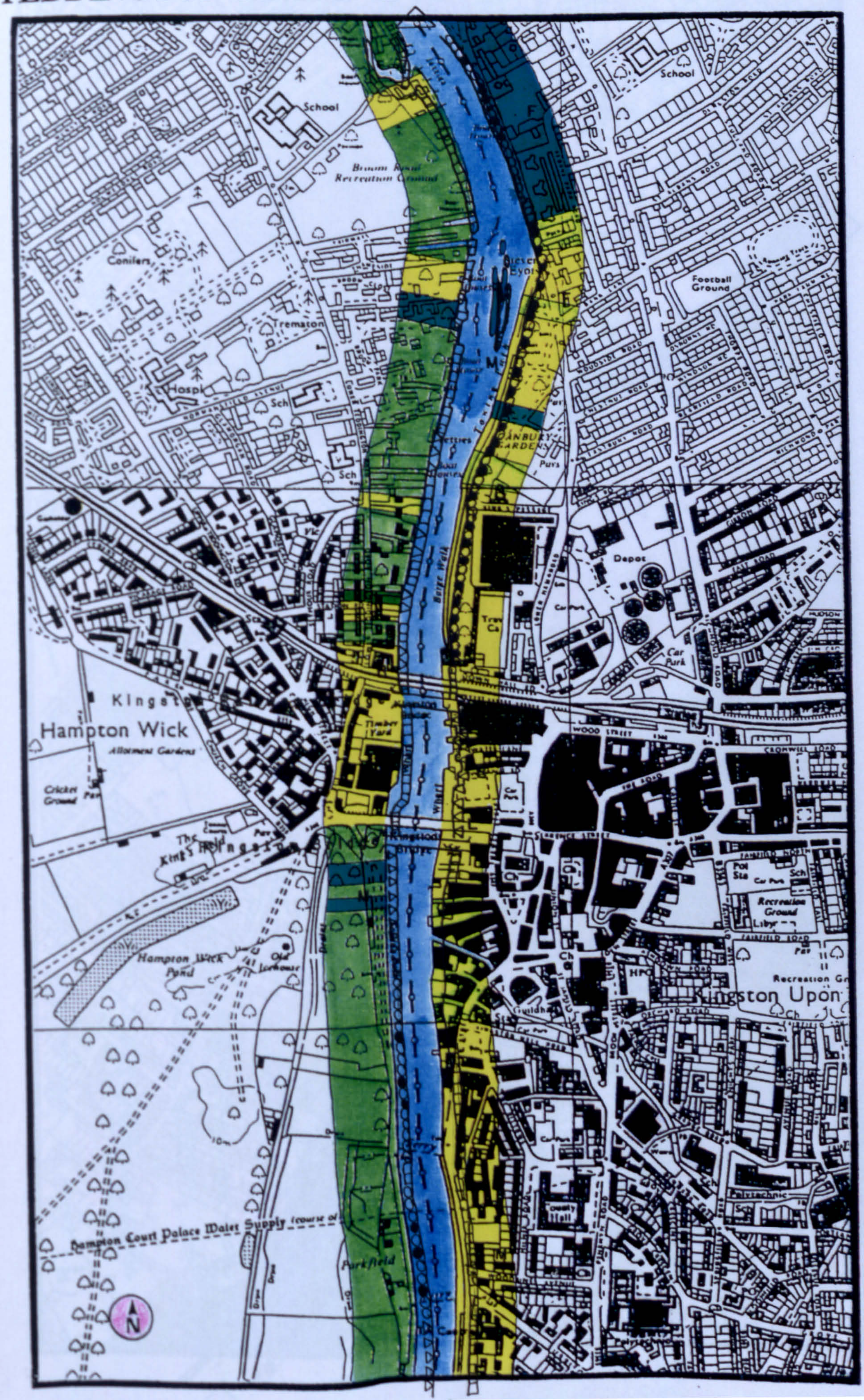


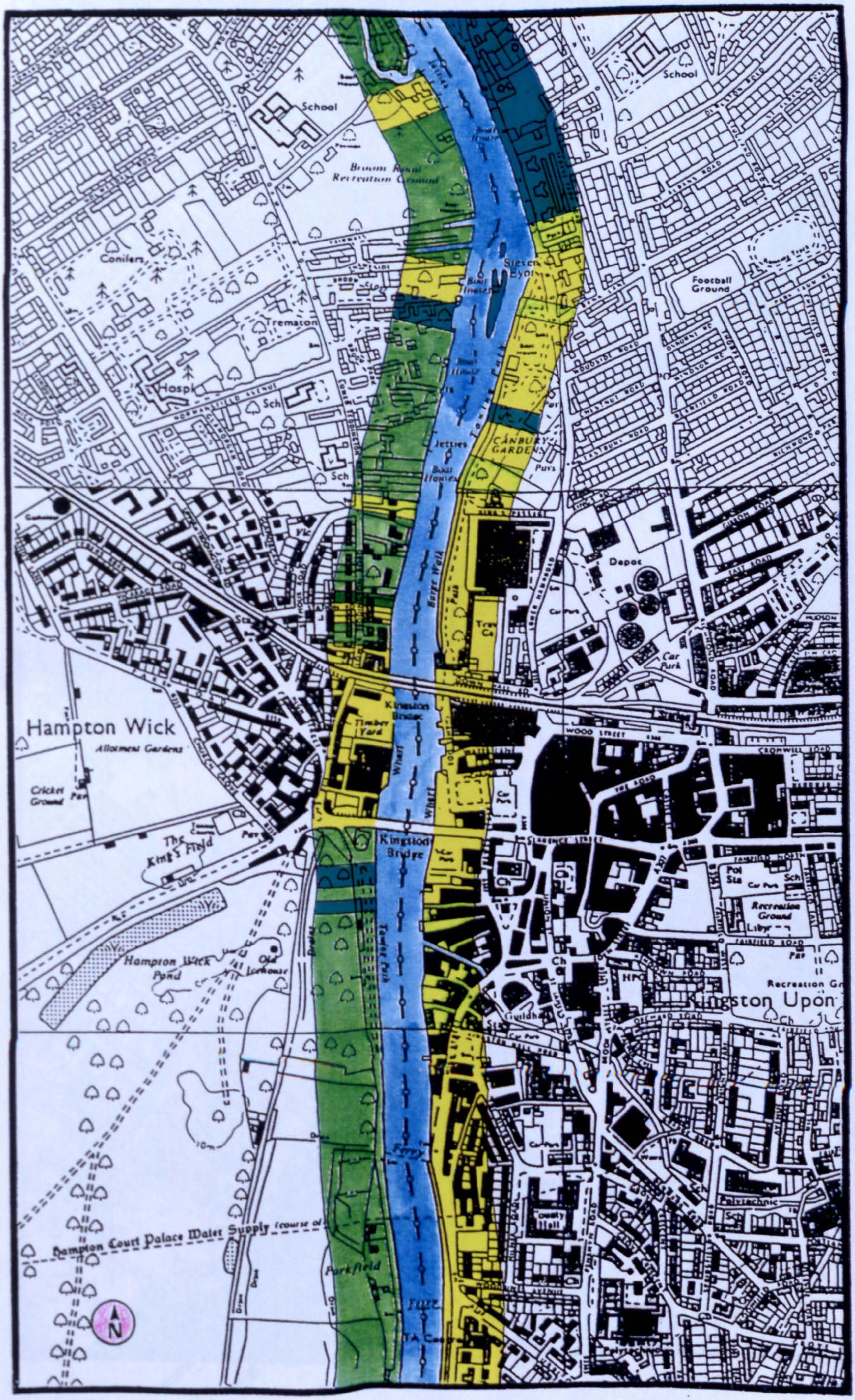
TEDDINGTON REACH I

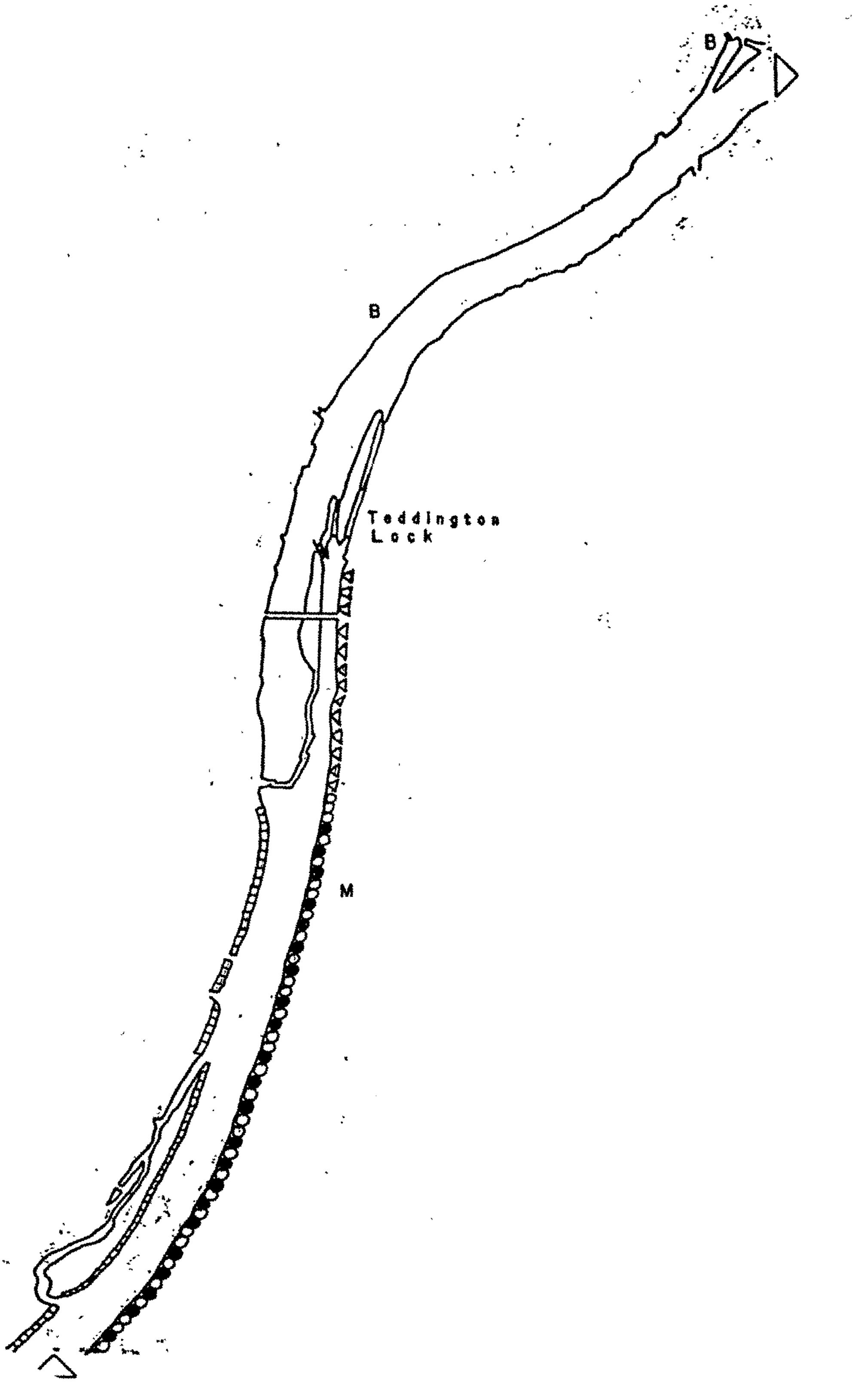


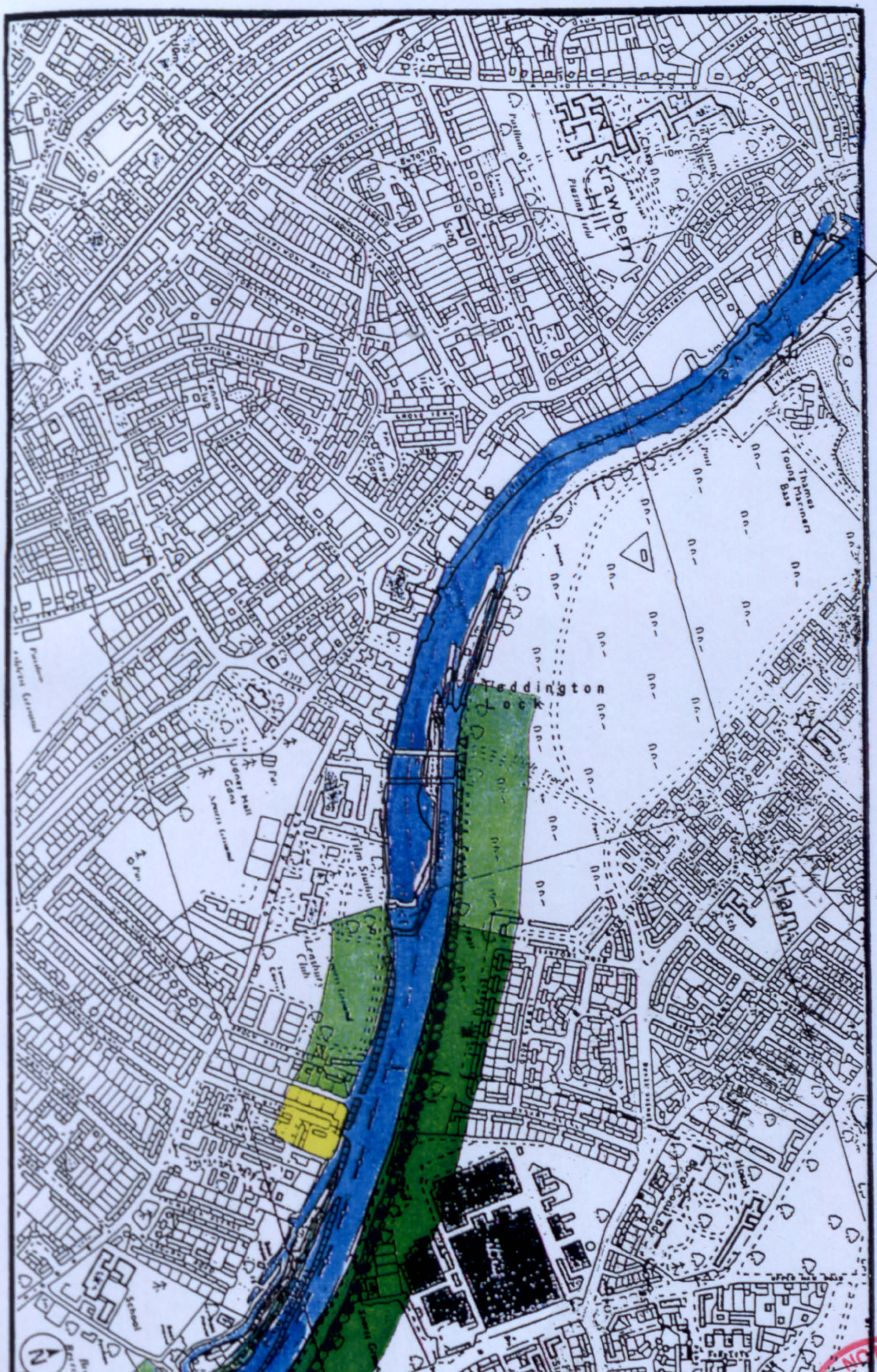

F
O
F
M
B
Kingston Railway Bridge
B
L
Kingston Bridge
M
M

TEDDINGTON REACH II




School
Broom Road Recreation Ground
Conifers
Trematon
Hospl
Sch
Sch
Sch
Jetties
Boat Houses
Boat Houses
Boat Houses
Towing Path
Barge Wall
Path
Trans Co
Depot
Car Park
Kingston Bridge
Timber Yard
Wharf
Wharf
Hampton Wick
Allotment Gardens
Cricket Ground
The King's Field
Hampton Wick Pond
Lookout
Kingston Bridge
Towing Path
Parkfield
Ferry
Ferry
Ferry
Hampton Court Palace Water Supply (course of)
Drain
Drain
10m
N
School
Football Ground
CANBURY GARDENS
Purs
Recreation Ground
Recreation Ground
Kingston Upon
Polytechnic
County Hall
Guildh
Pol Sta
Car Park
Sch
Lib
Ch
Ch
HP
Cem
Cem
TA Centre


B
B
Teddington
Lock
M



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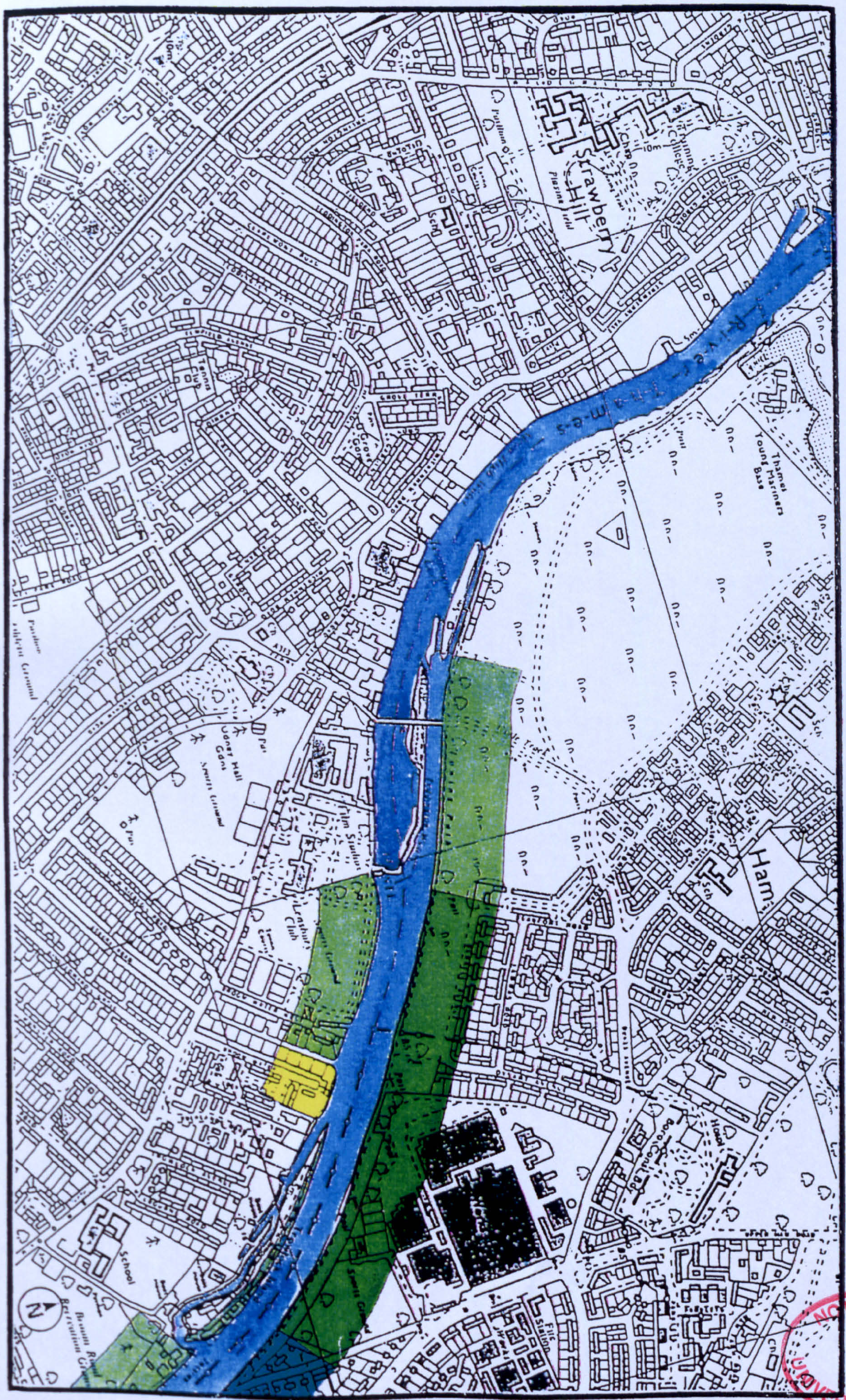

NOTTINGHAM UNIVERSITY LIBRARY