

Page 1 Features

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*	0 (2005), 0 (2006), 0 (2007)

Sweep Up

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^	
B	2005, 2006, 2007
j	
k	
i	

Key:

?	Vegetated Mid Bar	⊂	Riffle
?	Unvegetated Mid Bar	⊃	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
Long Eau - River Habitat Survey Features

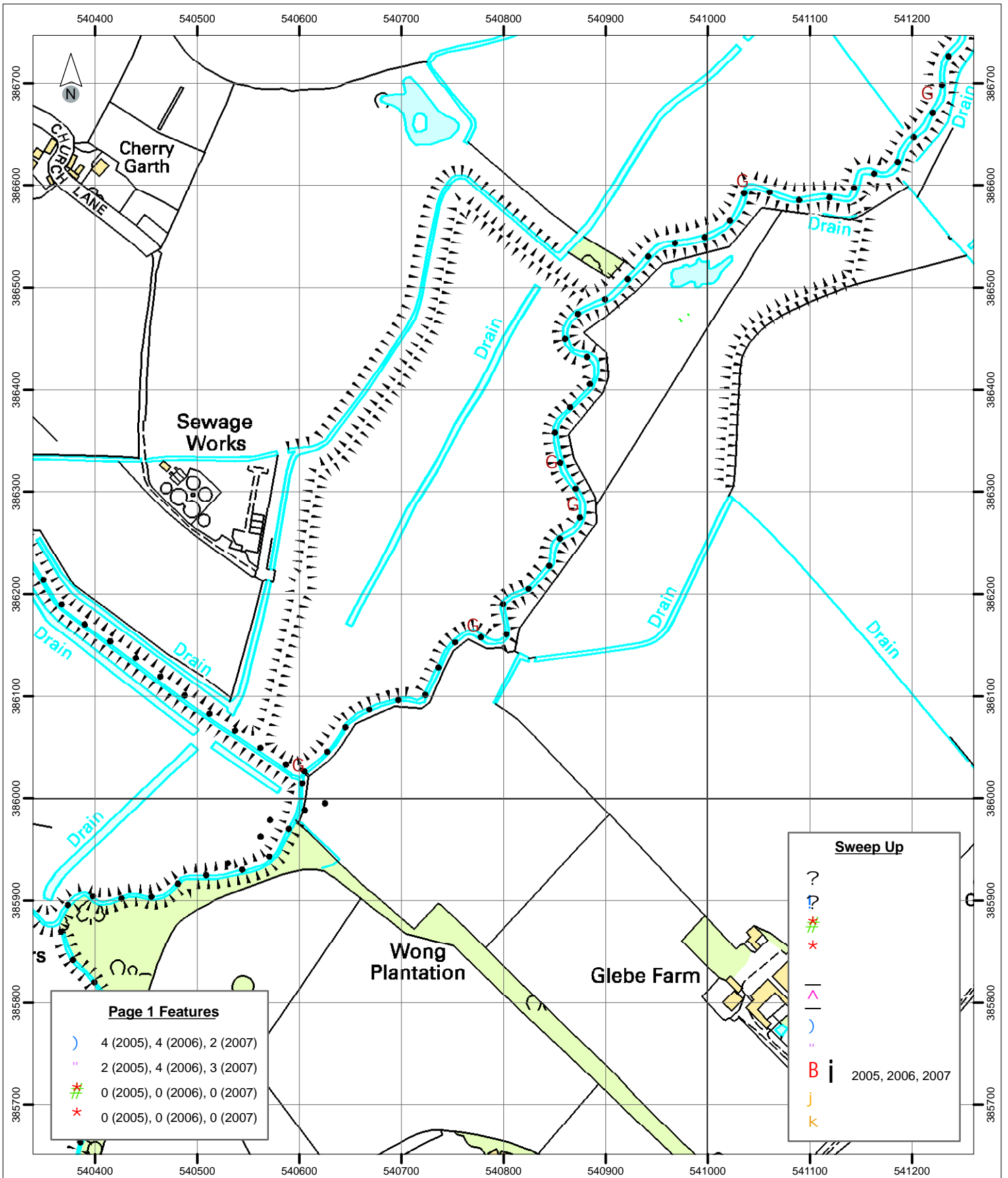
Project:
River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
1



Key:	
?	Vegetated Mid Bar
?	Unvegetated Mid Bar
#	Vegetated Point Bar
*	Unvegetated Point Bar
^	Vegetated Side Bar
—	UnVegetated Side Bar
G	River Habitat Survey Spot Check
)	Riffle
"	Pool
B	Silt Deposits
j	Stable Cliff
k	Eroding Cliff
i	Present In Sweep-up

Title:
Long Eau - River Habitat Survey Features

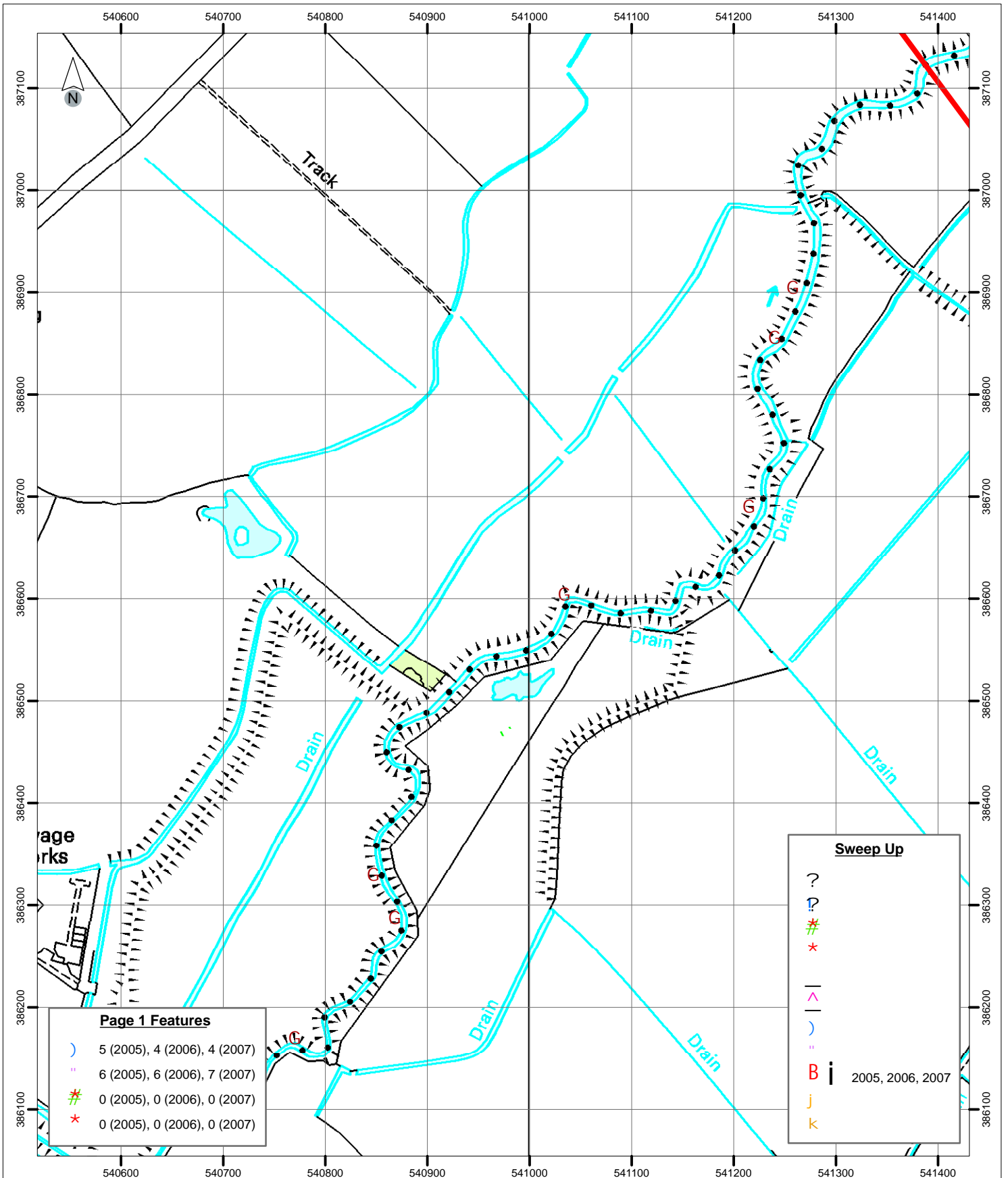
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Scale:
1:5,000 @ A4

Figure:
2



Page 1 Features

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*	0 (2005), 0 (2006), 0 (2007)

Sweep Up

?	
⊂	
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)	
"	
B	2005, 2006, 2007
j	
k	

Key:

?	Vegetated Mid Bar)	Riffle
⊂	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
Long Eau - River Habitat Survey Features

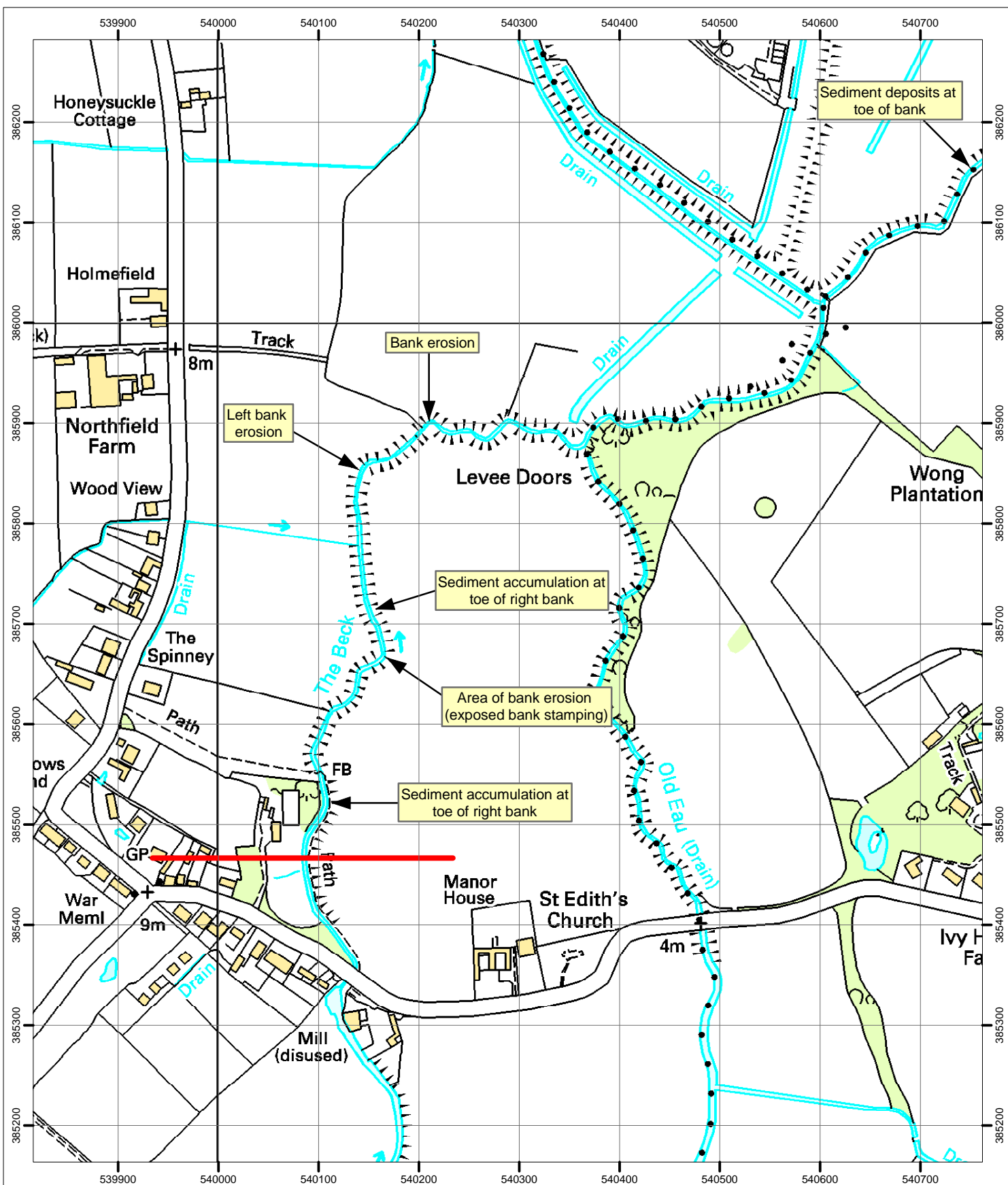
Project:
River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
3



Key:

Title:
Long Eau - Geomorphology
Survey Features

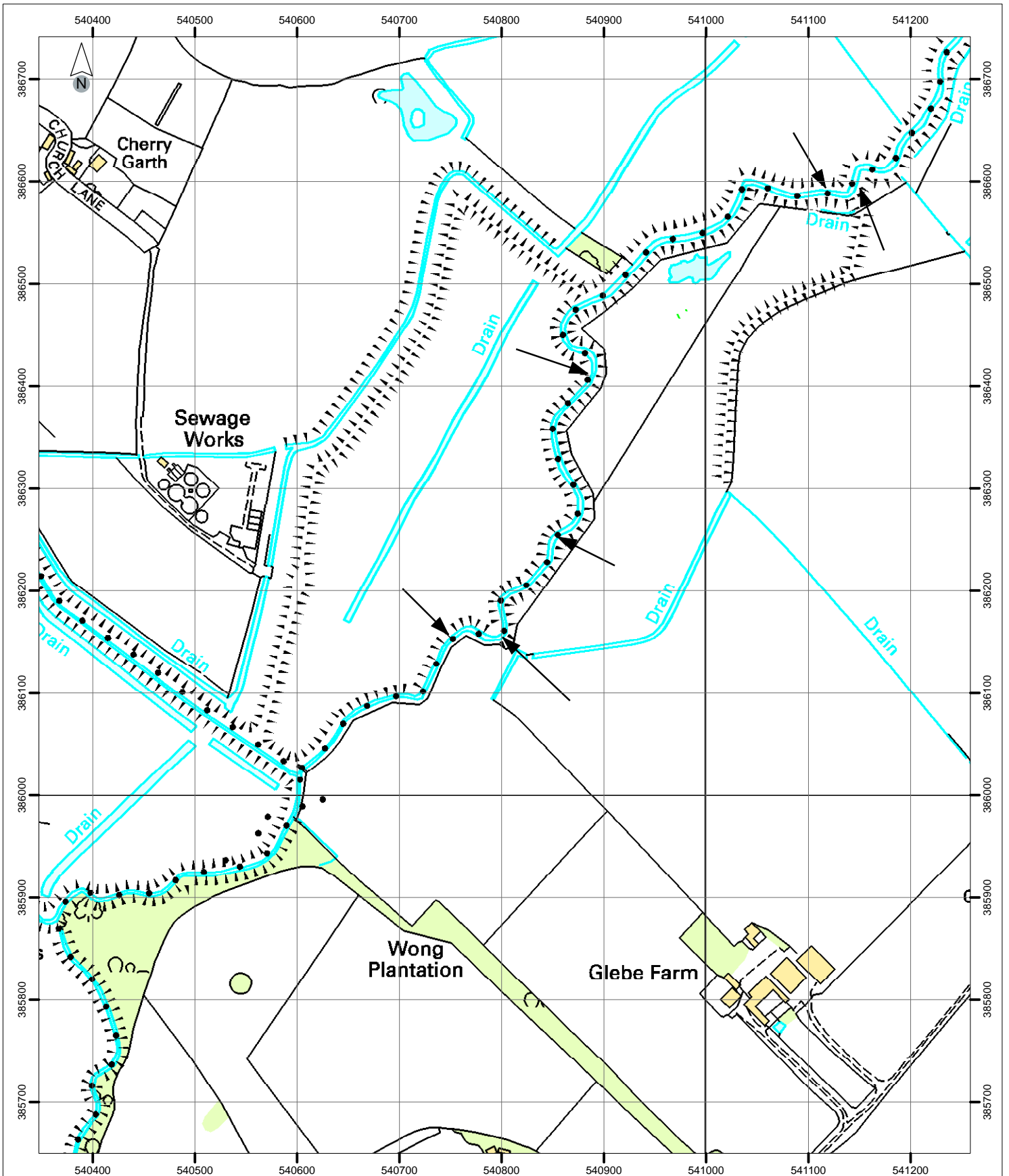
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HR Wallingford

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1:5,000 @ A4

Figure:
4



Key:

Title:
Long Eau - Geomorphology
Survey Features

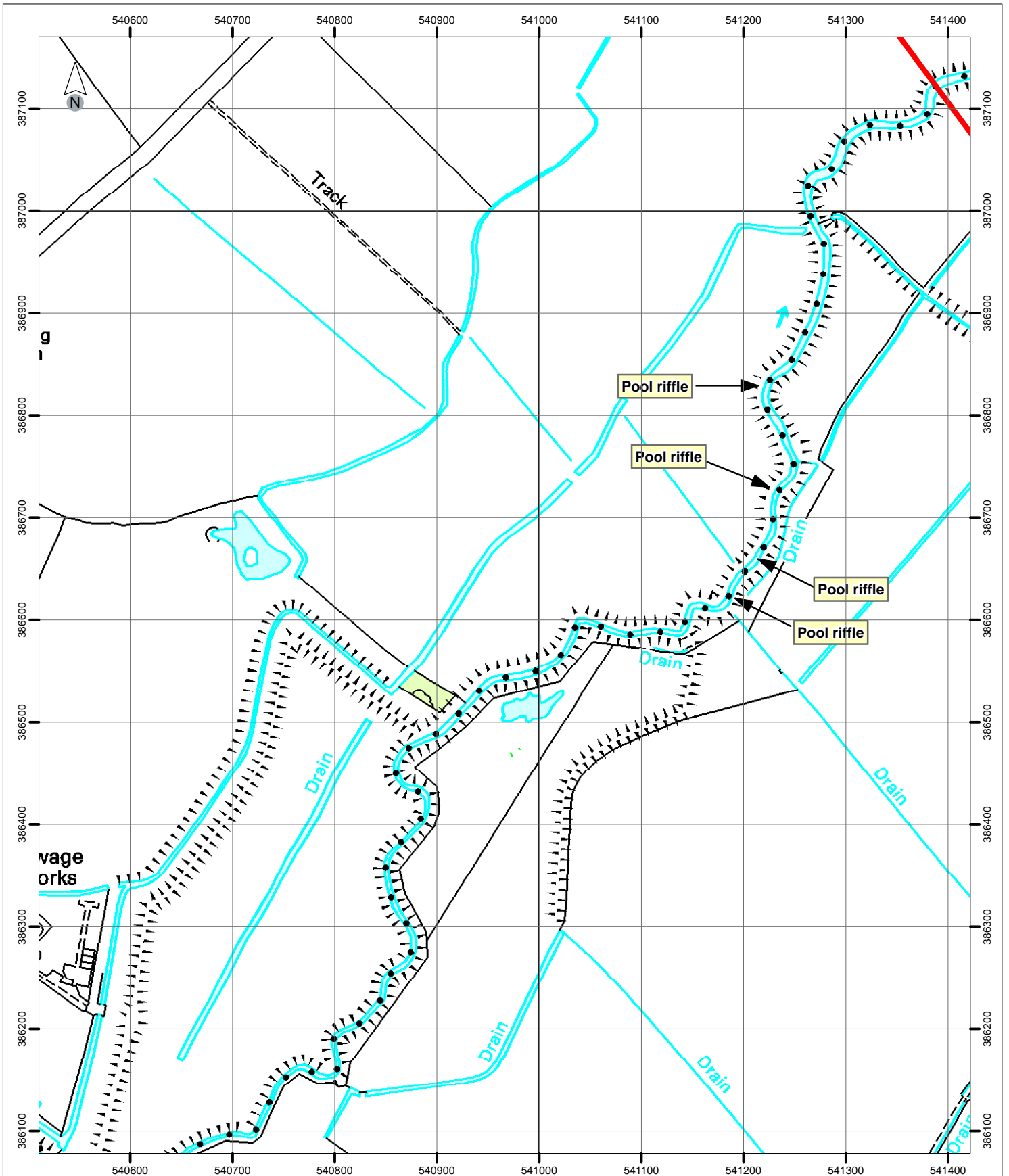
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
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Figure:
5



Key:

Title:
Long Eau - Geomorphology
Survey Features

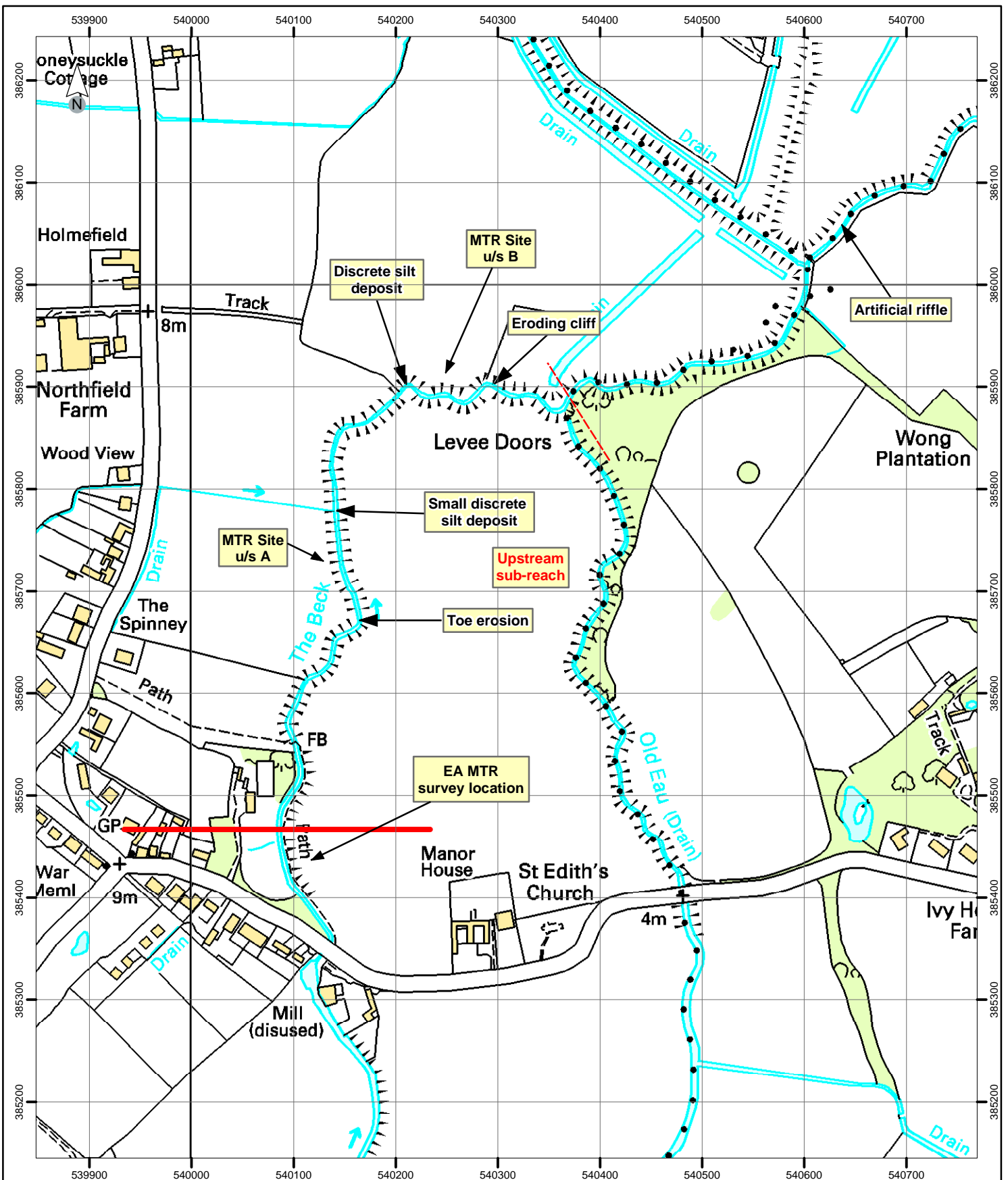
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

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1:5,000 @ A4

Figure:
6



Key:

Title:
Long Eau - Observations on
Micro-Habitat Features During
Macrophyte Survey

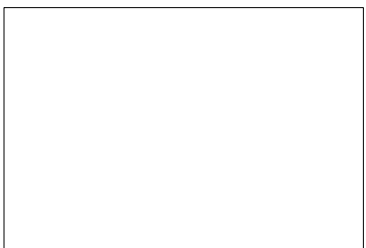
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River Sediments and Habitats and
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Operations and Capital Works

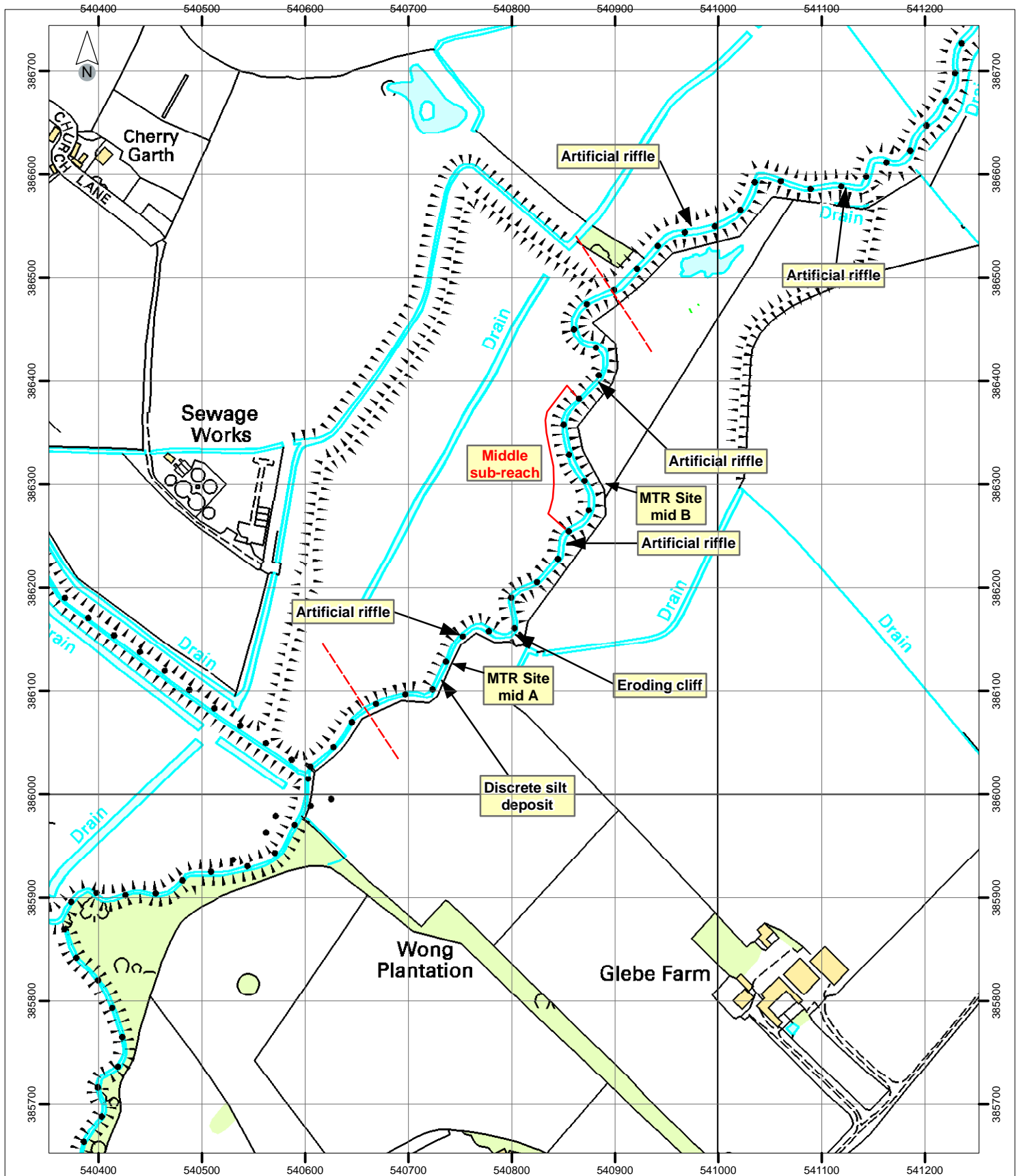
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Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
7





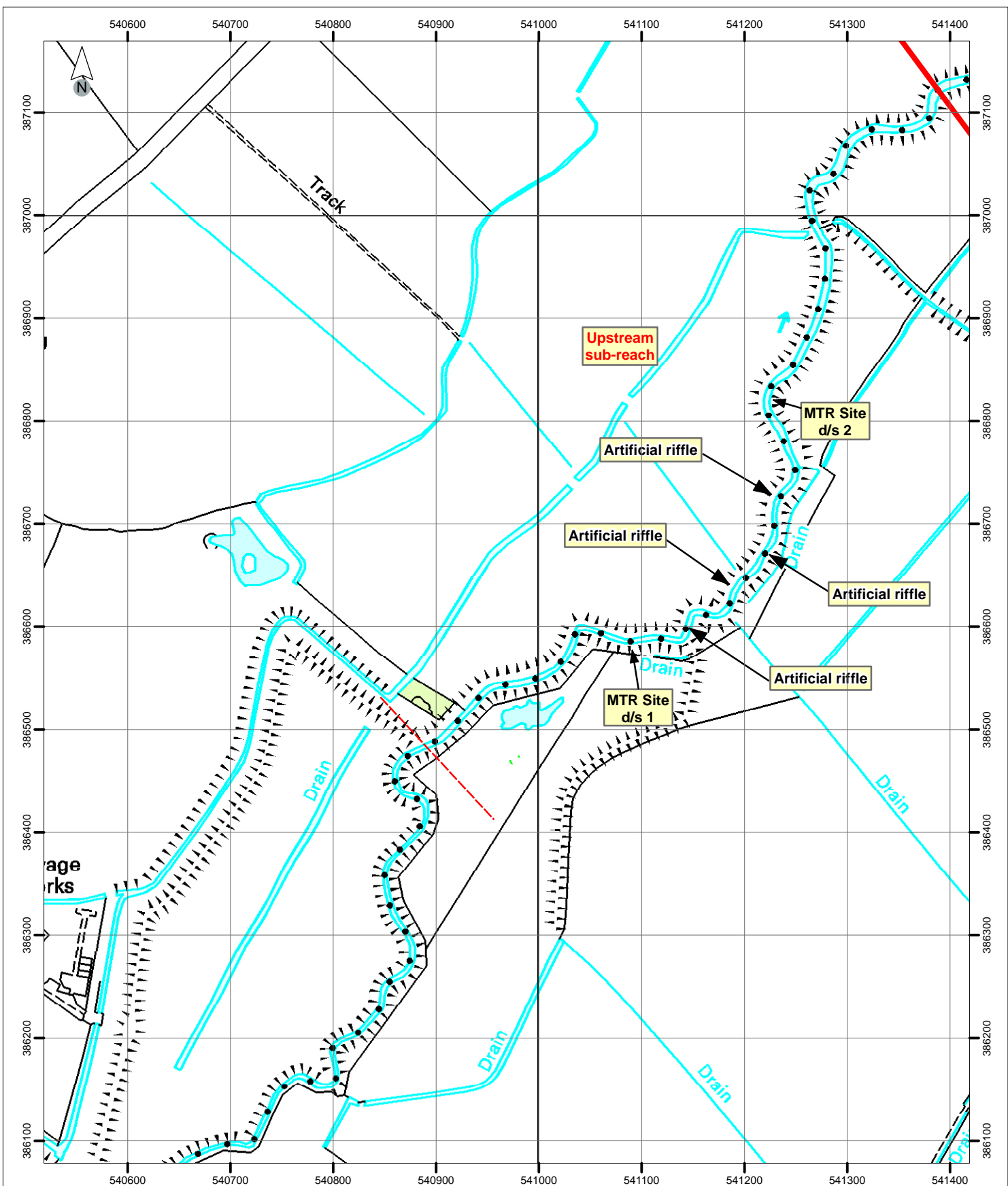
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Micro-Habitat Features During
Macrophyte Survey
Project:
River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works
Client:
HR Wallingford

Date:
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Scale:
1:5,000 @ A4

Figure:
8



Key:

Title:
Long Eau - Observations on
Micro-Habitat Features During
Macrophyte Survey

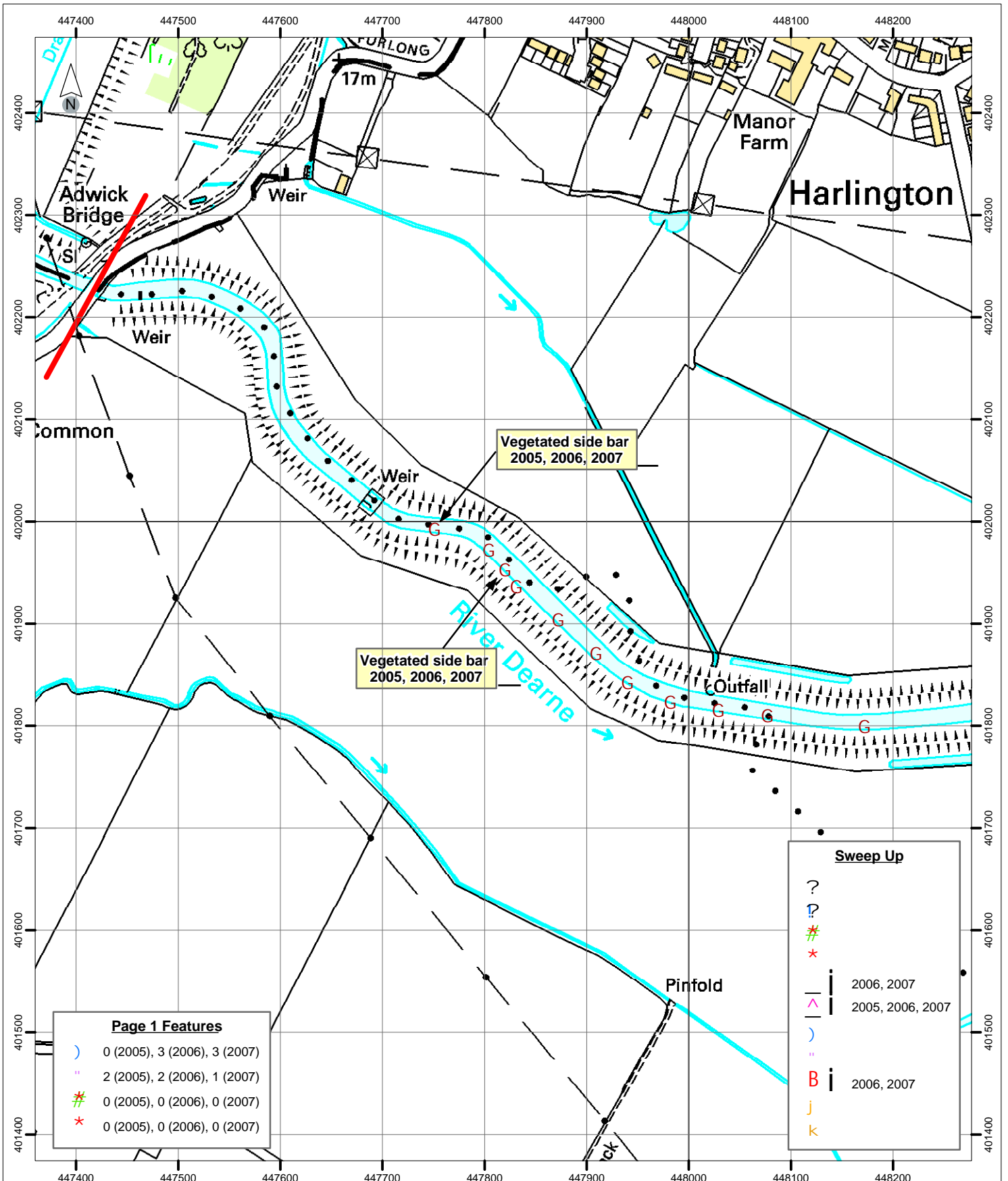
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Operations and Capital Works

Client:
HR Wallingford

Date:
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Scale:
1:5,000 @ A4

Figure:
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Page 1 Features

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*	0 (2005), 0 (2006), 0 (2007)

Sweep Up

?	
?	
#	
*	
—	2006, 2007
—	2005, 2006, 2007
)	
"	
B	2006, 2007
j	
k	

Key:

?	Vegetated Mid Bar)	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Dearne- River Habitat Survey Features

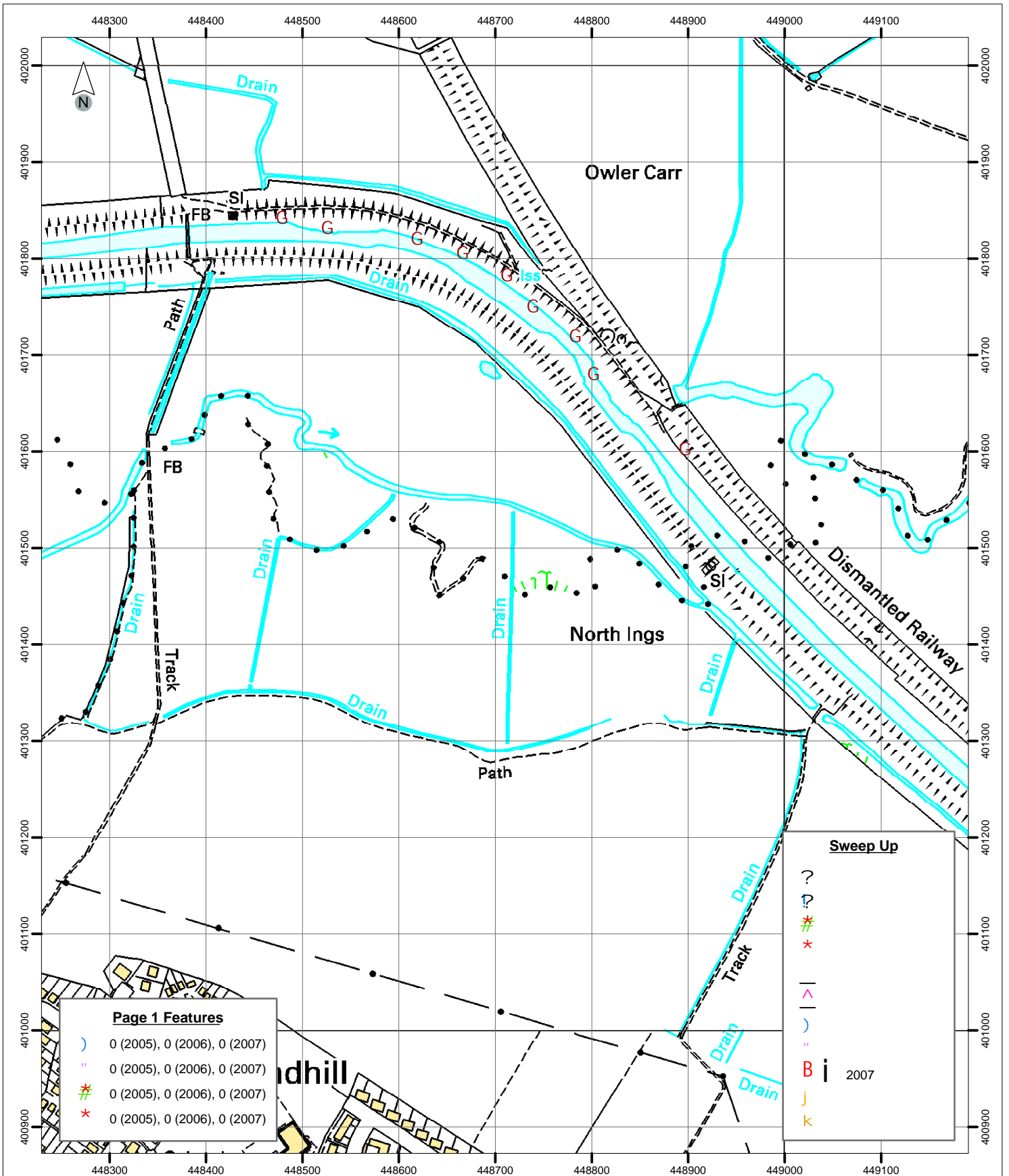
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
10



Key:			
?	Vegetated Mid Bar)	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Dearne- River Habitat Survey Features

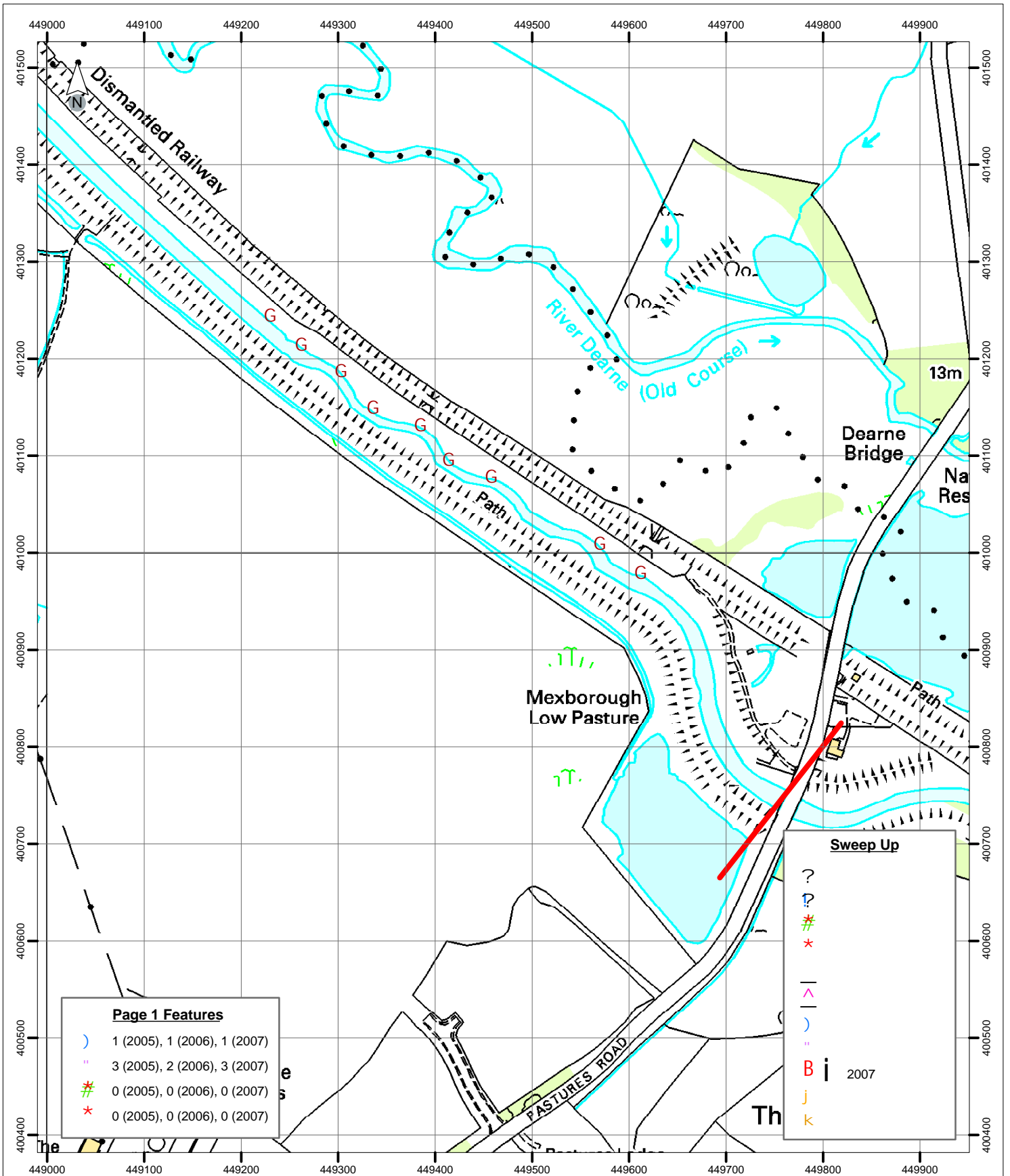
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

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May 2008

Scale:
1:5,000 @ A4

Figure:
11



Key:	
?	Vegetated Mid Bar
?	Unvegetated Mid Bar
#	Vegetated Point Bar
*	Unvegetated Point Bar
^	Vegetated Side Bar
^	Unvegetated Side Bar
G	River Habitat Survey Spot Check
)	Riffle
"	Pool
B	Silt Deposits
j	Stable Cliff
k	Eroding Cliff
i	Present In Sweep-up

Title:
River Dearne- River Habitat Survey Features

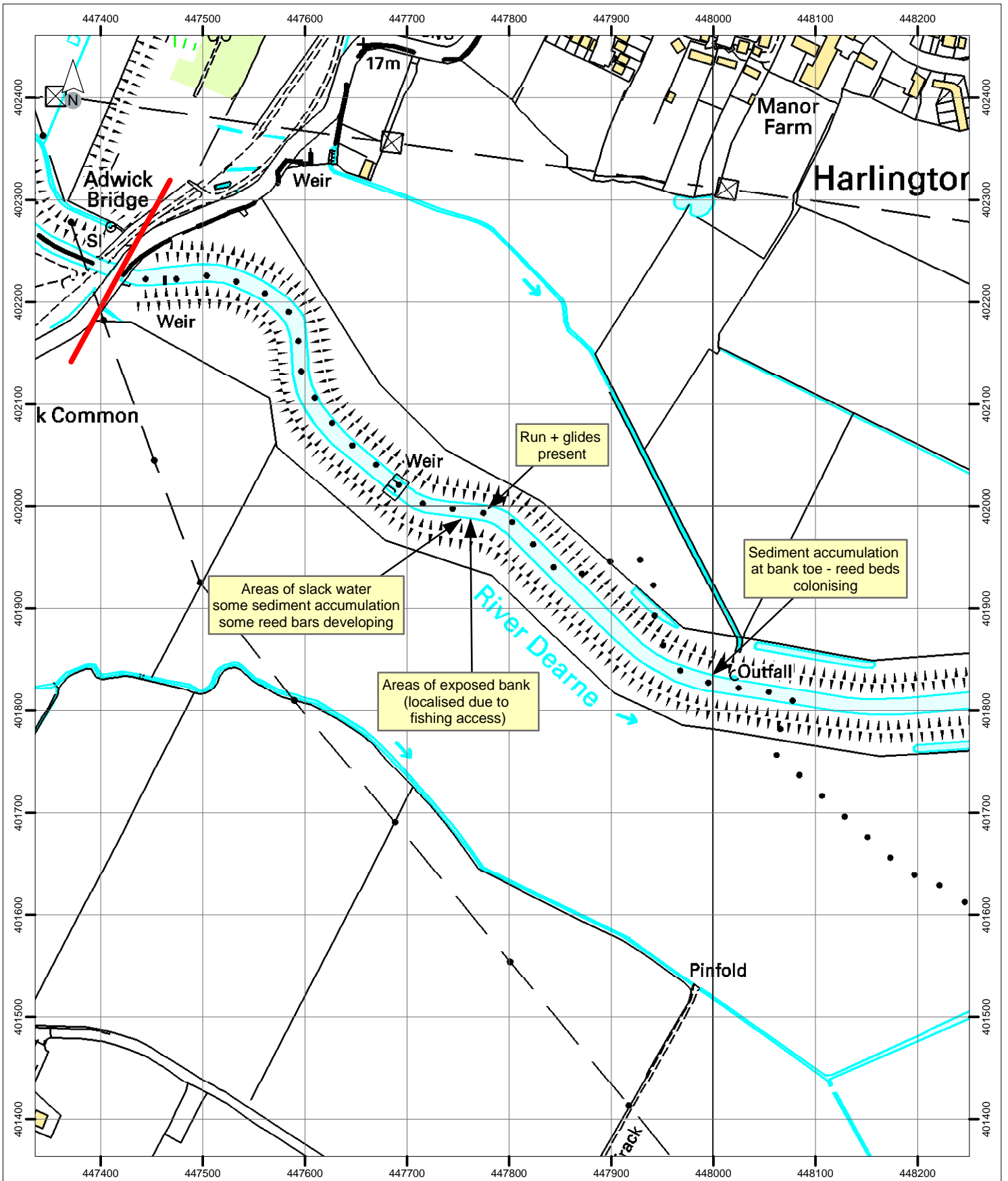
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
12



Key:

Title:
River Dearne - Geomorphology
Survey Features

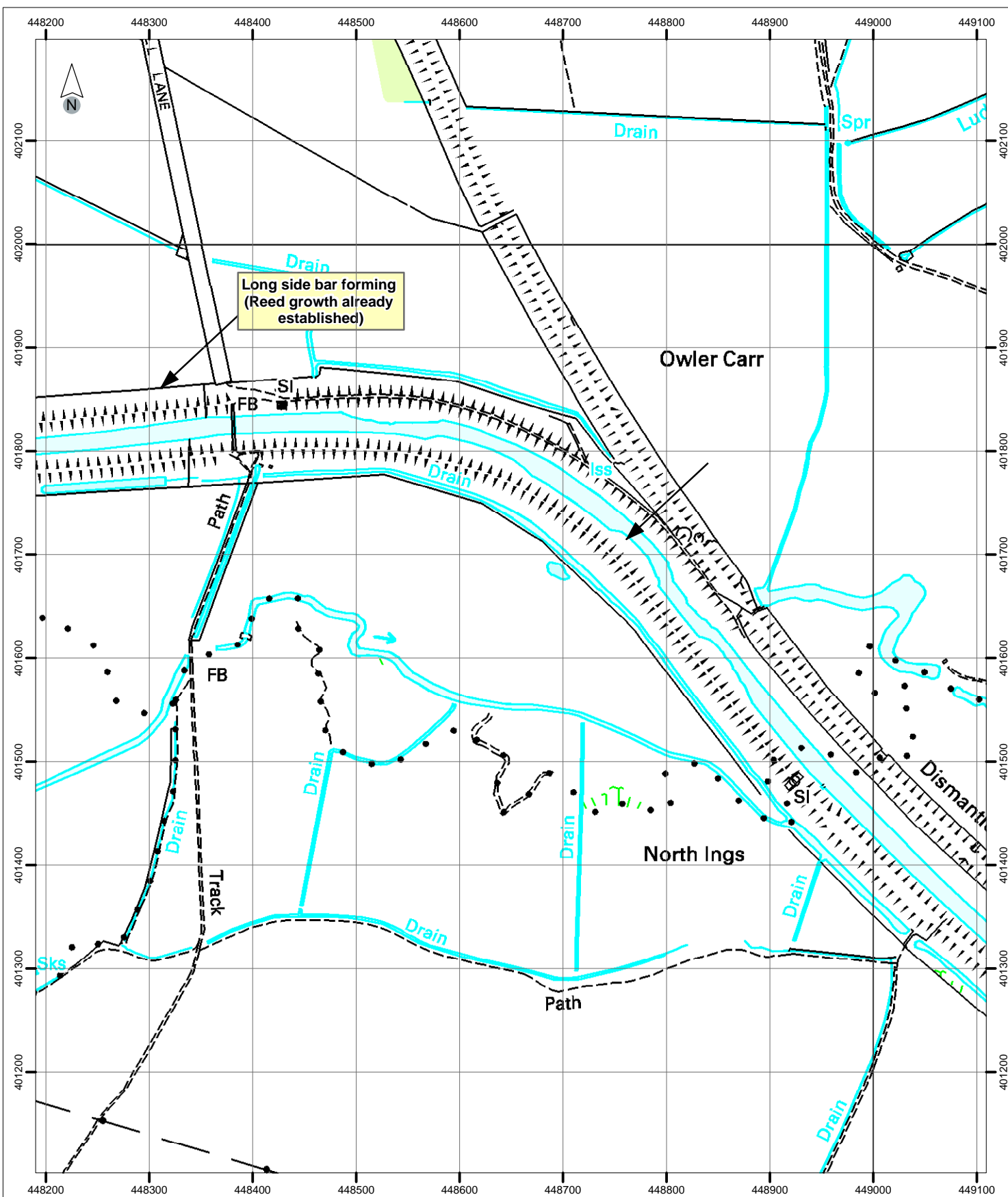
Project:
River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
13



Long side bar forming
(Reed growth already established)

Key:

Title:
River Dearne - Geomorphology
Survey Features

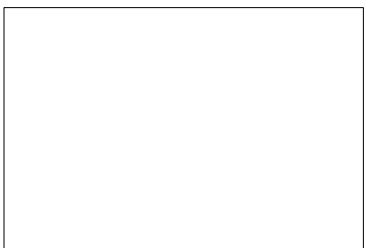
Project:
River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

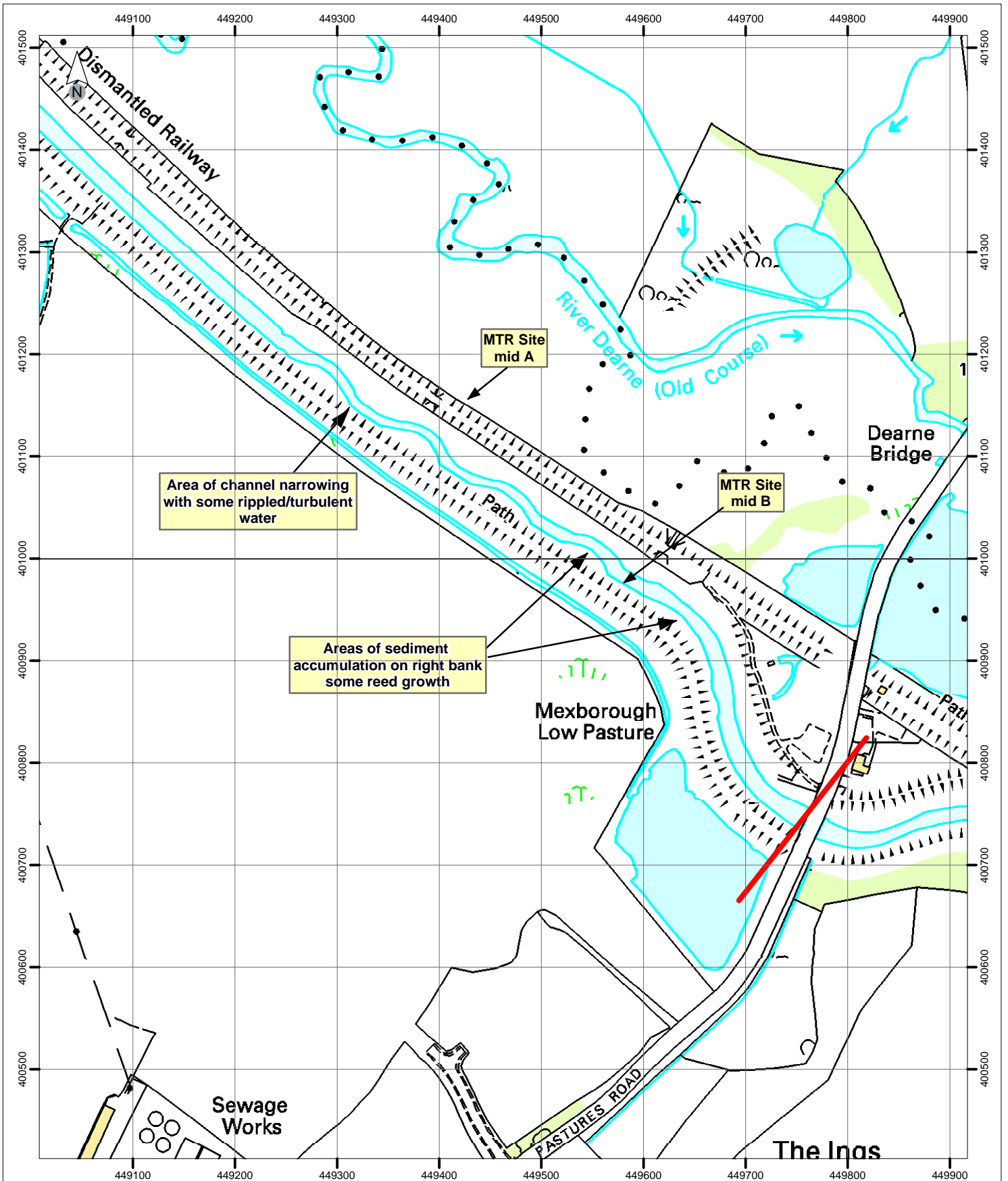
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HR Wallingford

Date:
May 2008

Scale:
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Figure:
14





Key:

Title:
River Dearne - Geomorphology
Survey Features

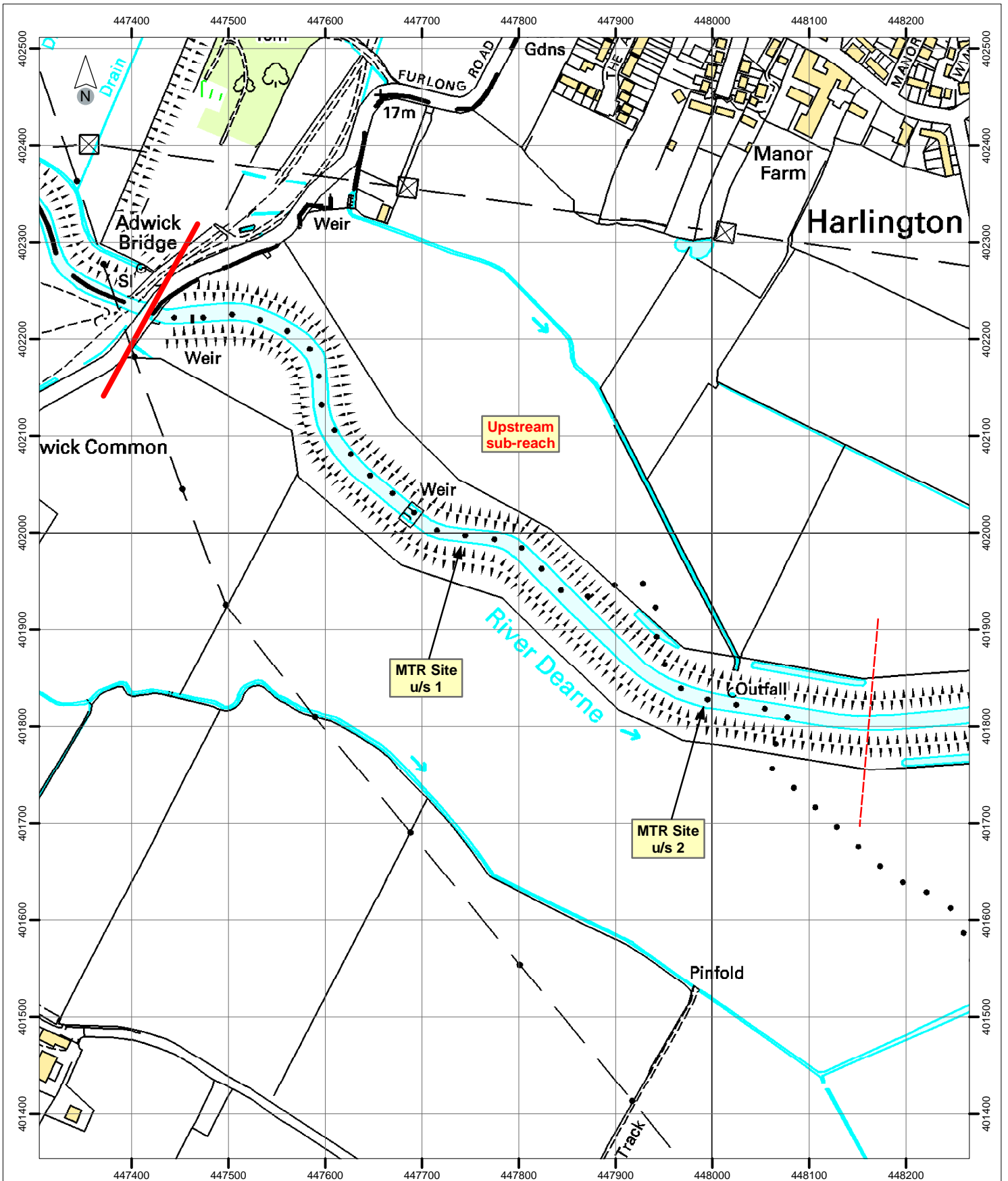
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
15



Key:

Title:
River Dearne - Observations on
Micro-Habitats Features During
Macrophyte Survey

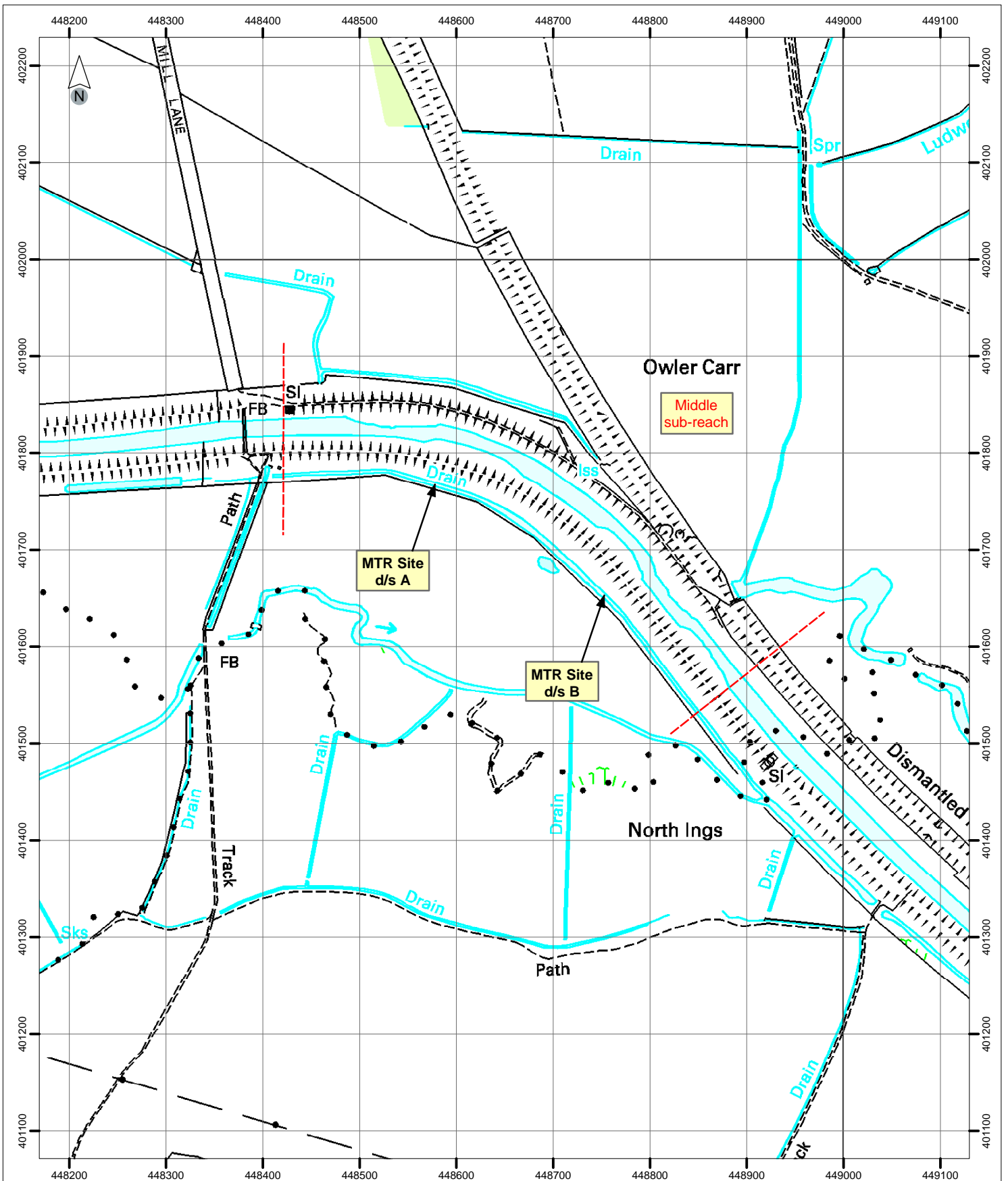
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

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1:5,000 @ A4

Figure:
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Key:

Title:
River Dearne - Observations on
Micro-Habitats Features During
Macrophyte Survey

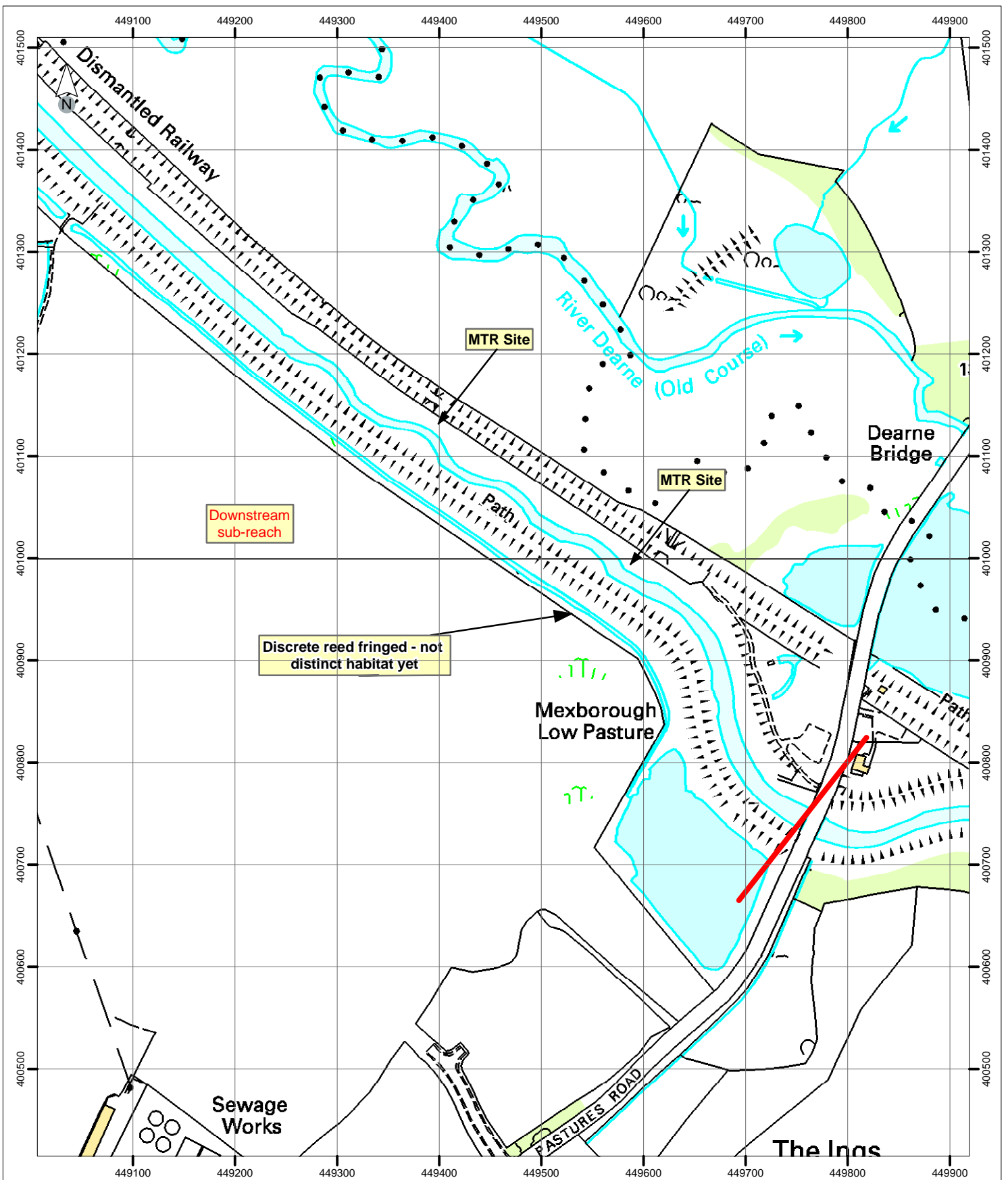
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
17



Key:

Title:
River Dearne - Observations on
Micro-Habitats Features During
Macrophyte Survey

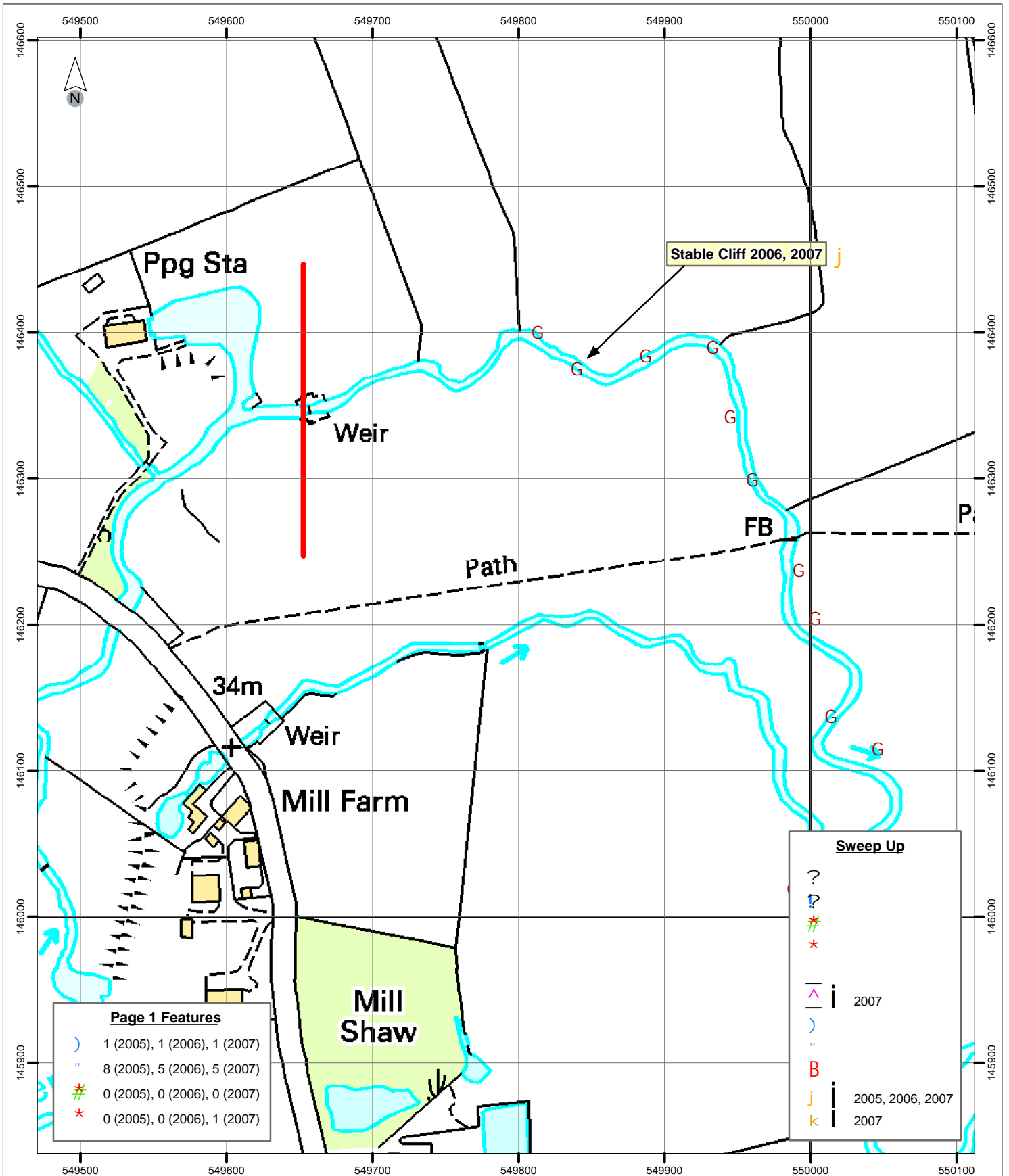
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
18



Page 1 Features

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*	0 (2005), 0 (2006), 1 (2007)

Sweep Up

?	
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—	i 2007
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"	
B	
j	2005, 2006, 2007
k	2007

Key:

?	Vegetated Mid Bar	⌋	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Eden - River Habitat Survey Features

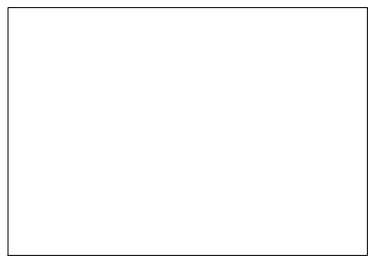
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

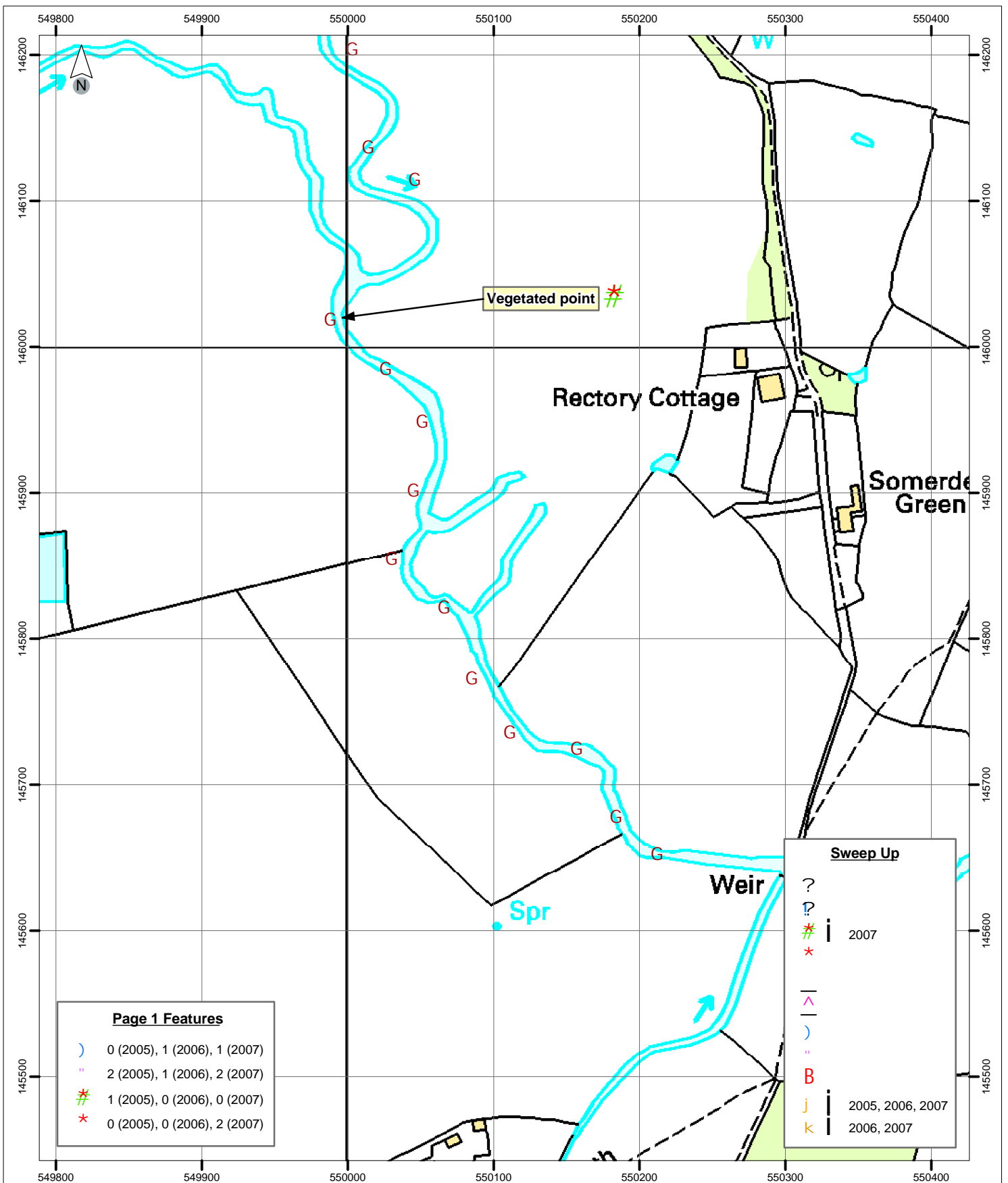
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HR Wallingford

Date:
May 2008

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Figure:
19





Page 1 Features

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*	0 (2005), 0 (2006), 2 (2007)

Sweep Up

?	2007
?	
#	
*	
^	
B	
j	2005, 2006, 2007
k	2006, 2007

Key:

?	Vegetated Mid Bar)	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Eden - River Habitat Survey Features

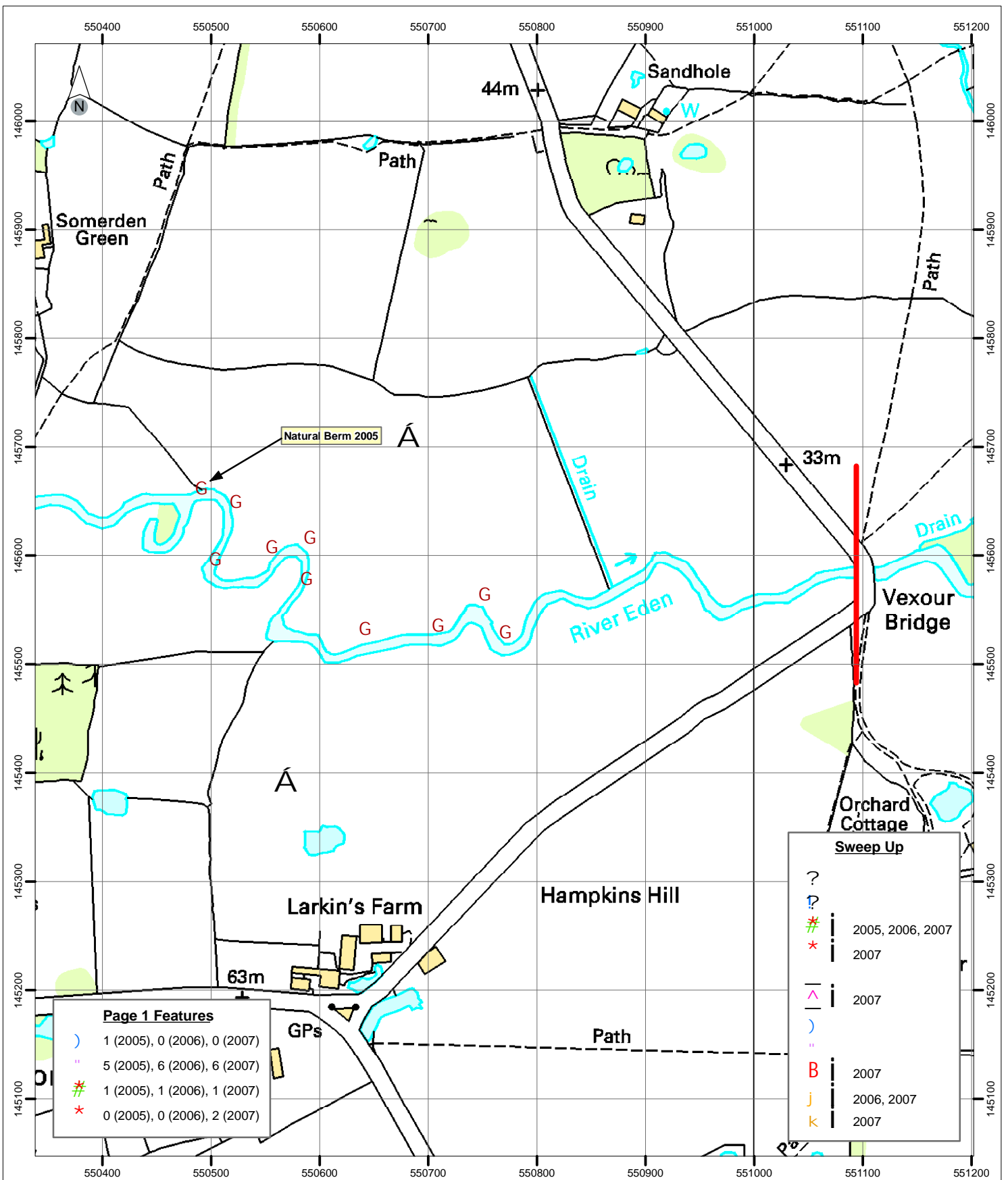
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
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Figure:
20



Page 1 Features

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Sweep Up

?	
⌋	
#	2005, 2006, 2007
*	2007
⌋	2007
"	2007
B	2007
j	2006, 2007
k	2007

Key:

?	Vegetated Mid Bar	⌋	Riffle
⌋	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
⌋	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check	A	Natural Berm

Title:
River Eden - River Habitat Survey Features

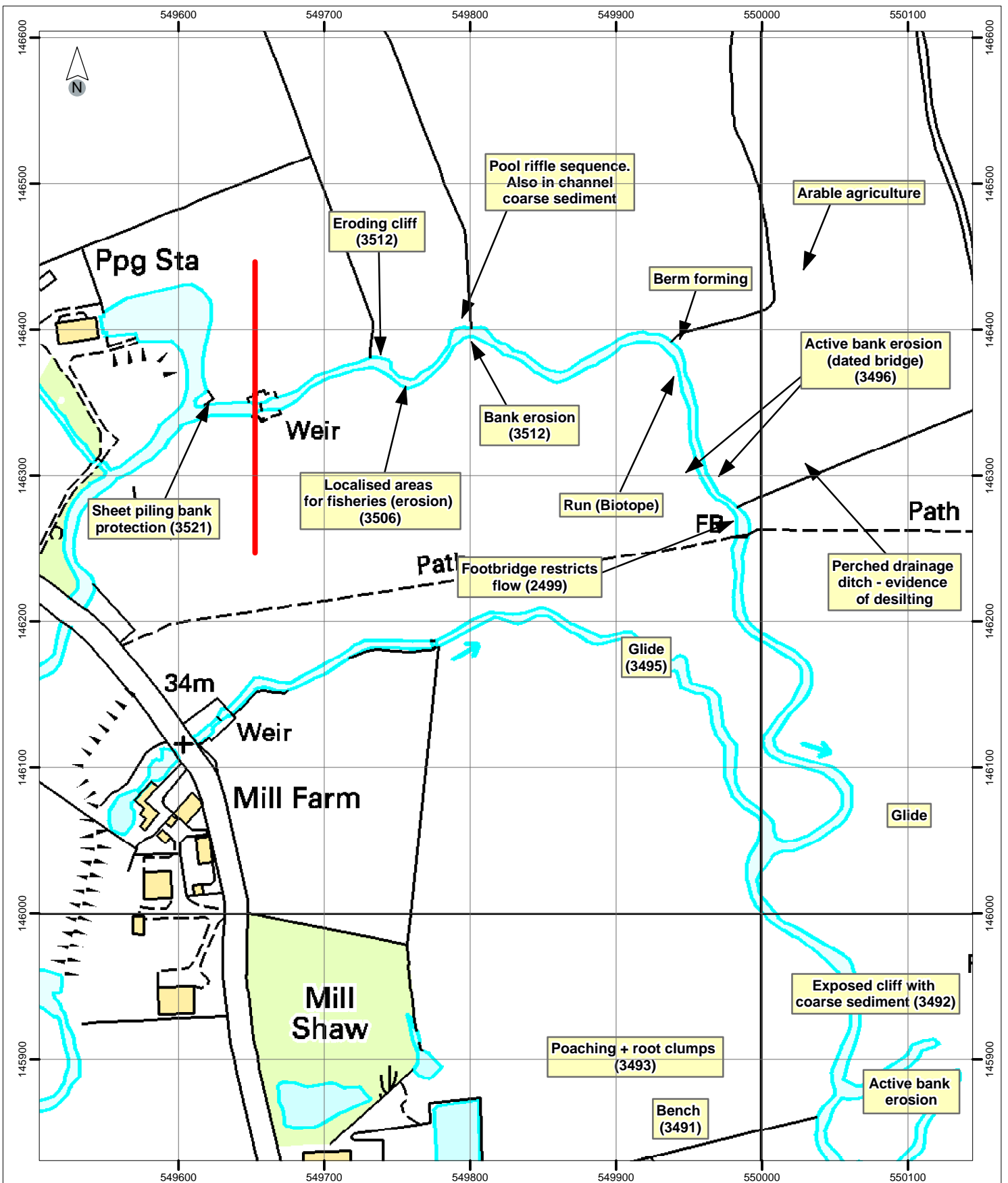
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:3,750 @ A4

Figure:
21



Key:

Title:
River Eden - Geomorphology
Survey Features

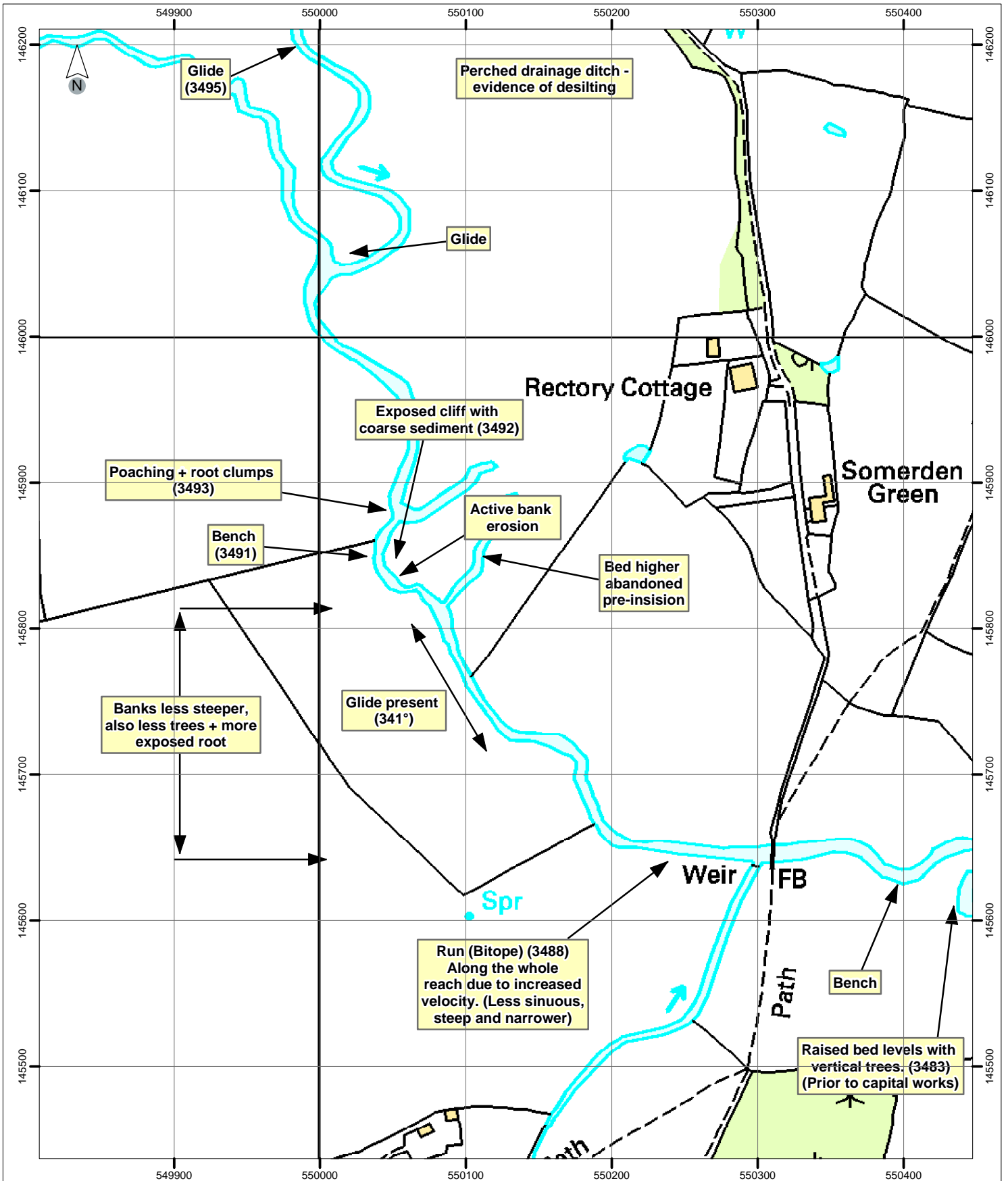
Project:
River Sediments and Habitats
and the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Figure:
22

Date:
May 2008

Scale:
1:3,500 @ A4



Key:

Title:
River Eden - Geomorphology
Survey Features

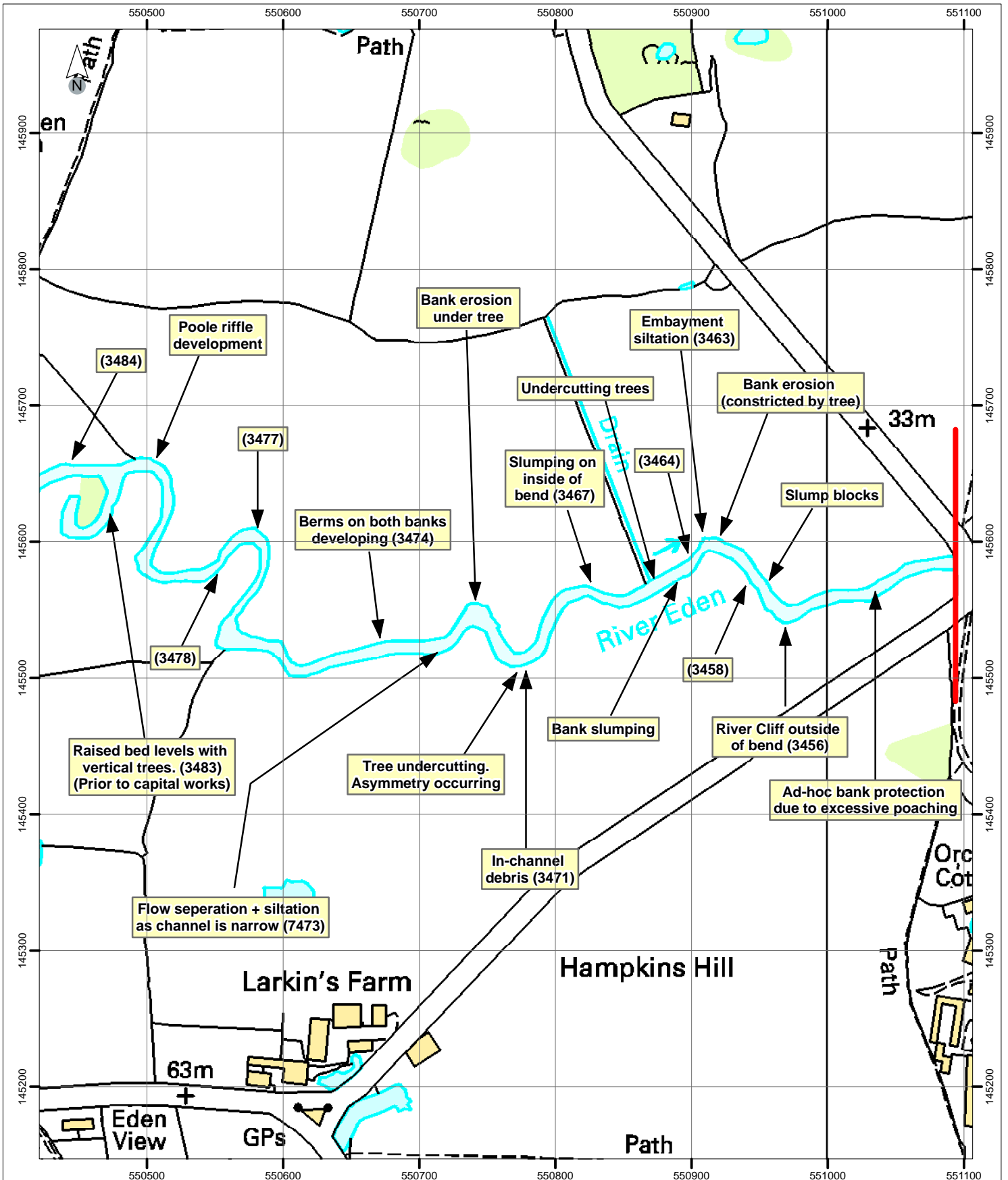
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:3,500 @ A4

Figure:
23



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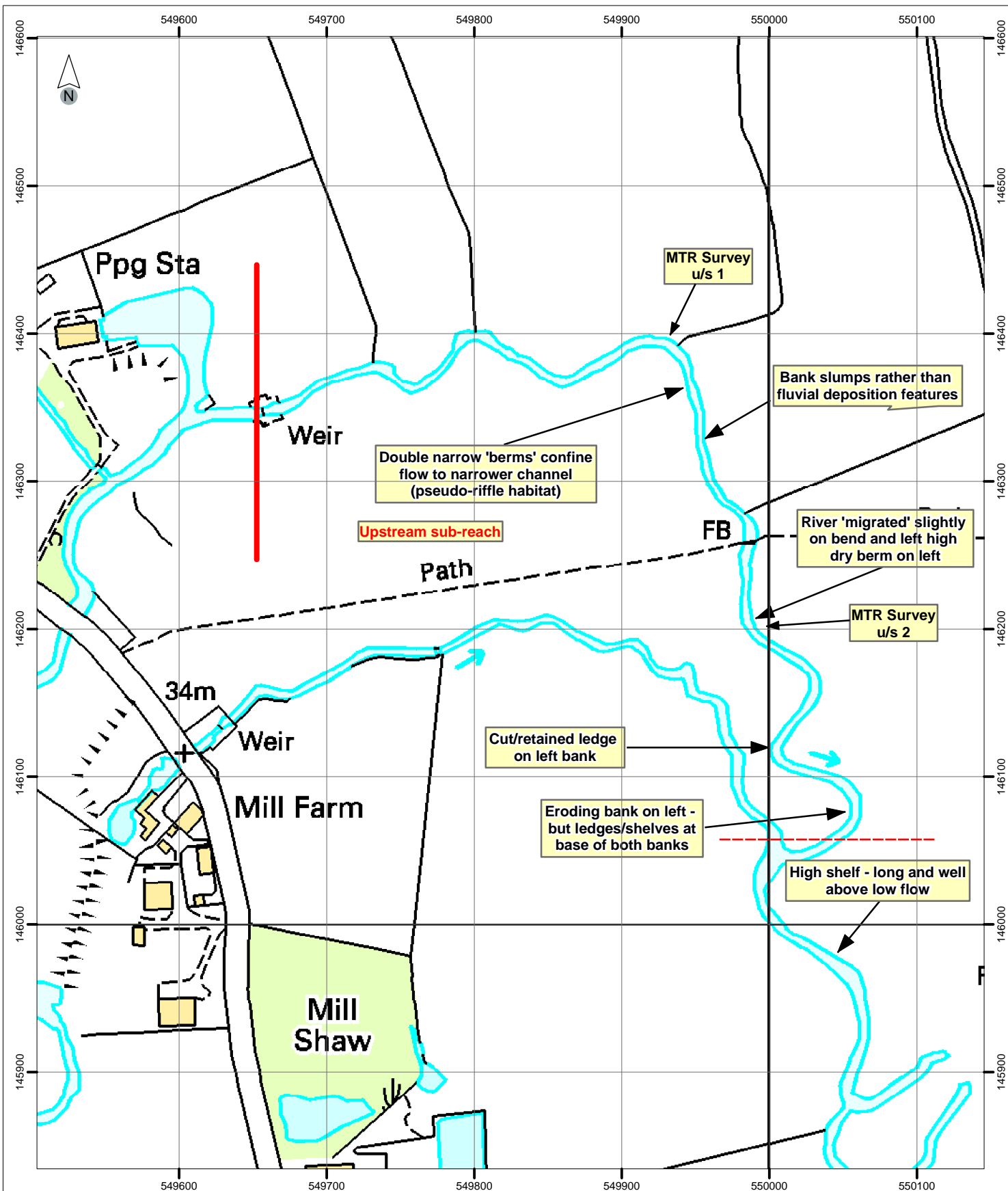
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Survey Features

Project:
River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date: May 2008	Scale: 1:3,750 @ A4
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Figure:
24



Key:

Title:
River Eden - Observations on
Micro-Habitats Features During
Macrophyte Survey

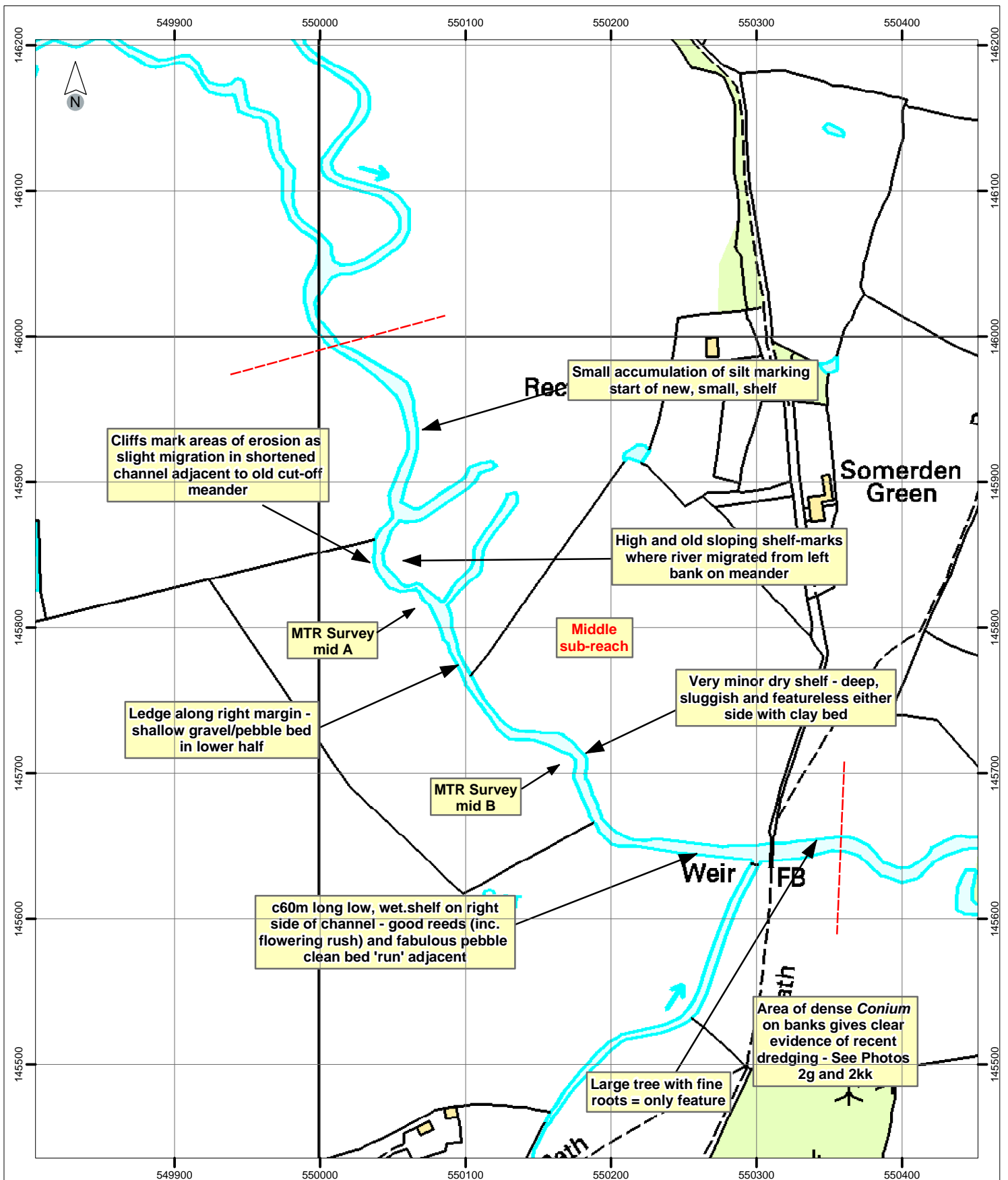
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

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HR Wallingford

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Scale:
1:5,000 @ A4

Figure:
25



Key:

Title:
River Eden - Observations on
Micro-Habitats Features During
Macrophyte Survey

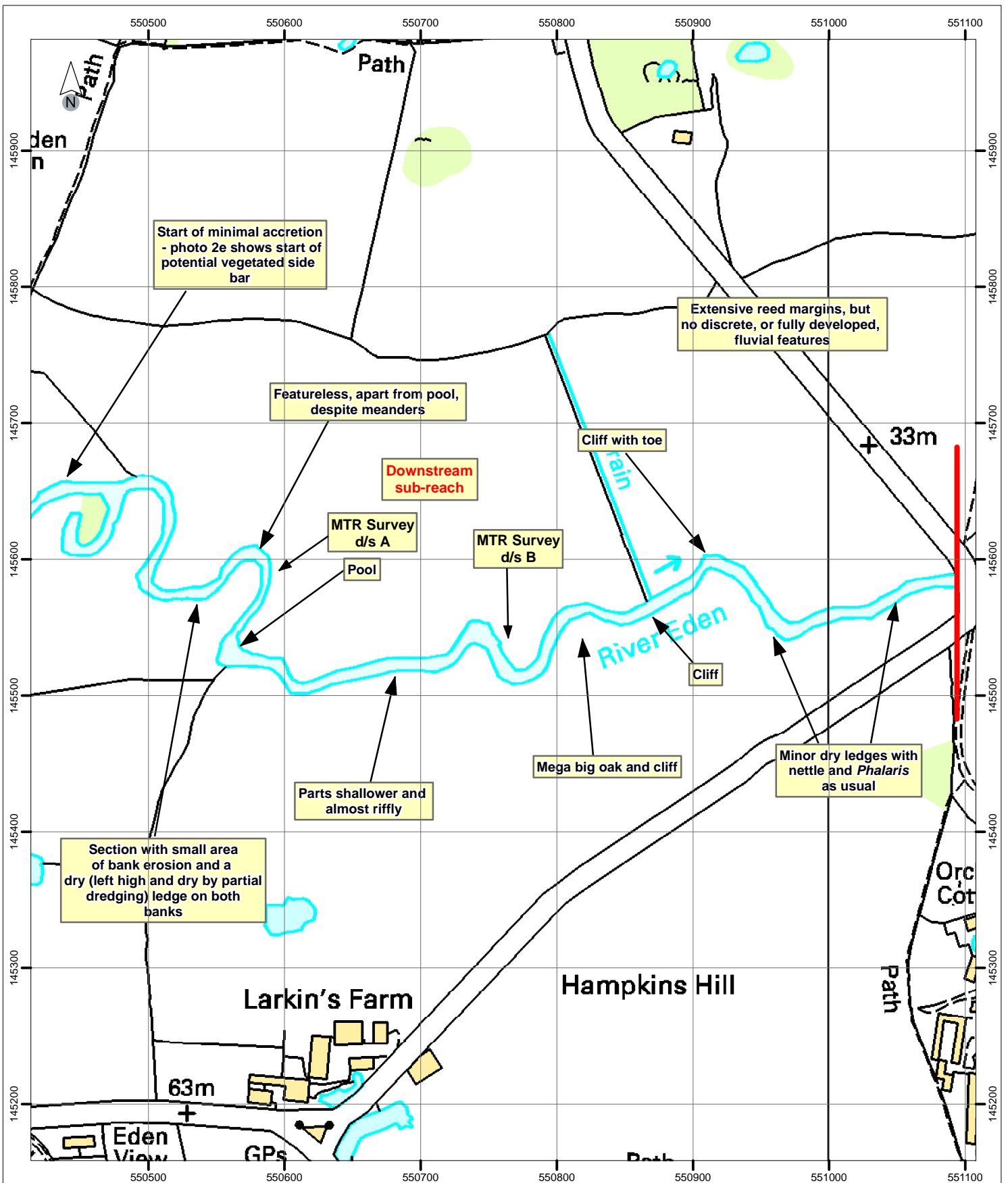
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

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1:5,000 @ A4

Figure:
26



Key:

Title:
River Eden - Observations on
Micro-Habitats Features During
Macrophyte Survey

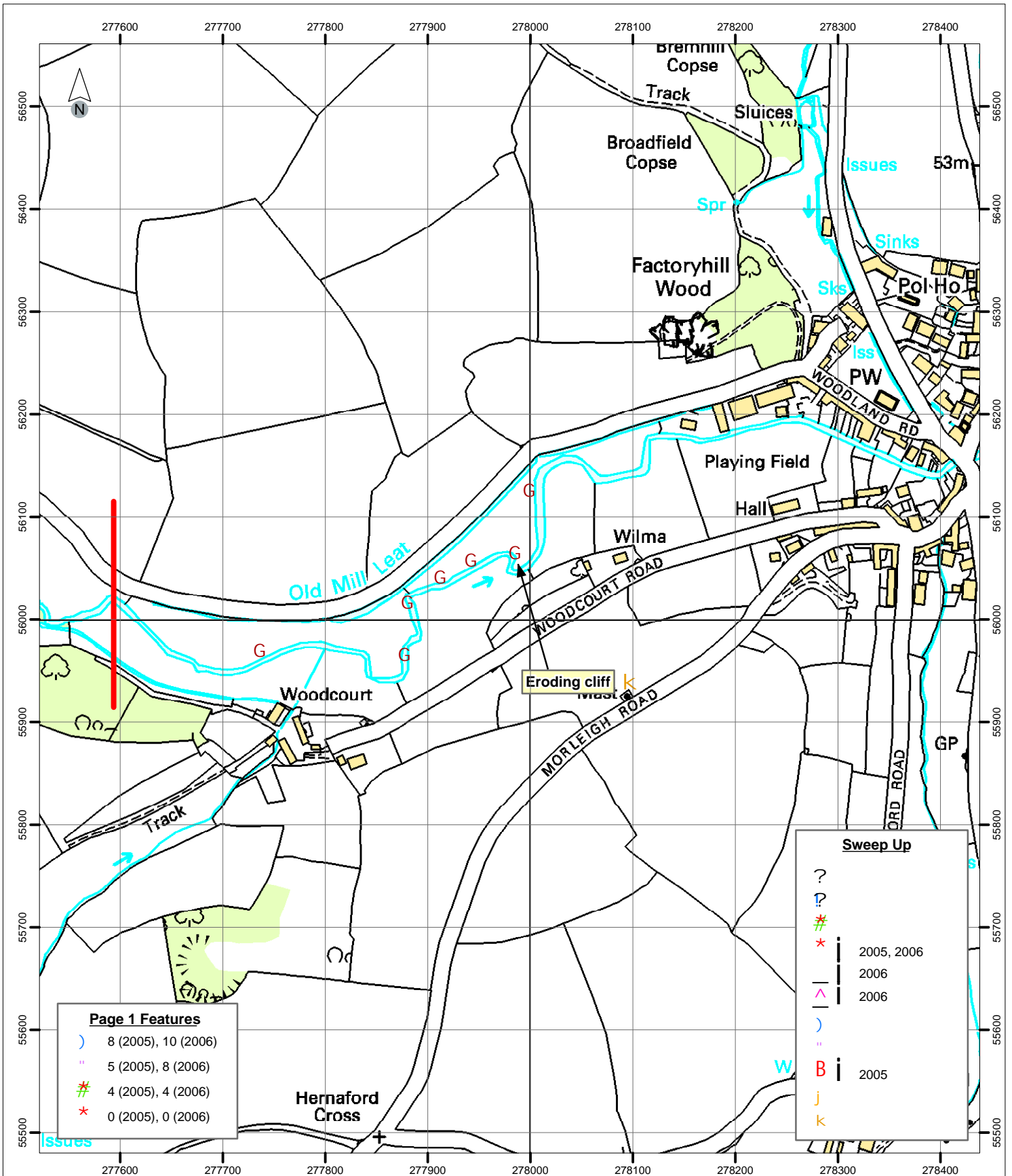
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:3,750 @ A4

Figure:
27



Key:

?	Vegetated Mid Bar)	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Harboure - River Habitat Survey Features

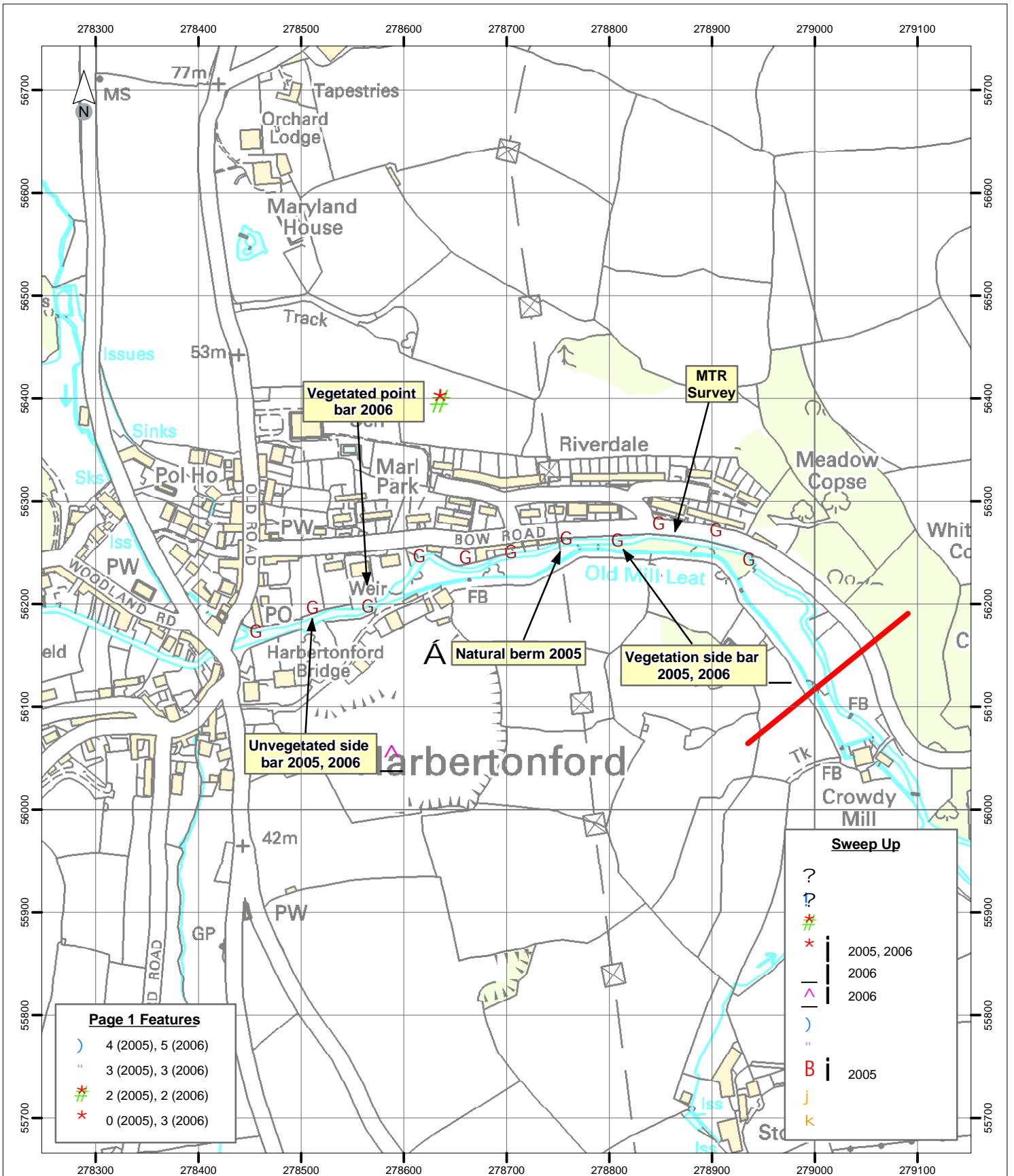
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
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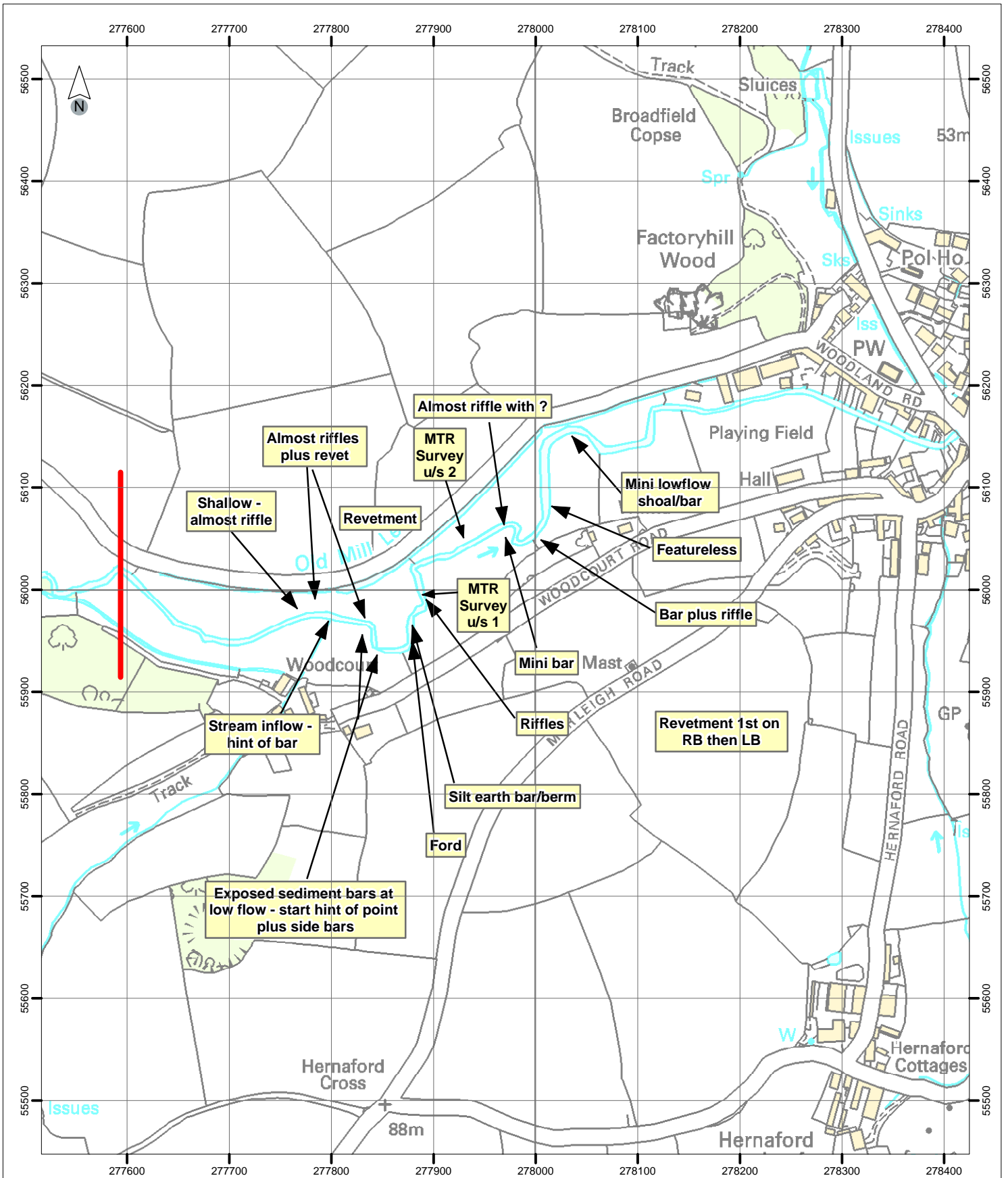
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#	2 (2005), 2 (2006)
*	0 (2005), 3 (2006)

Sweep Up

?	
?	
#	
*	2005, 2006
	2006
^	2006
)	
"	
B	2005
j	
k	

Key:	Title: River Harbourn - River Habitat Survey Features	Figure: 29
	Project: River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works	
	Client: HR Wallingford	
Date: May 2008	Scale: 1:5,000 @ A4	



Key:

Title:
River Harboure - Observations on
Micro-Habitats Features During
Macrophyte Survey

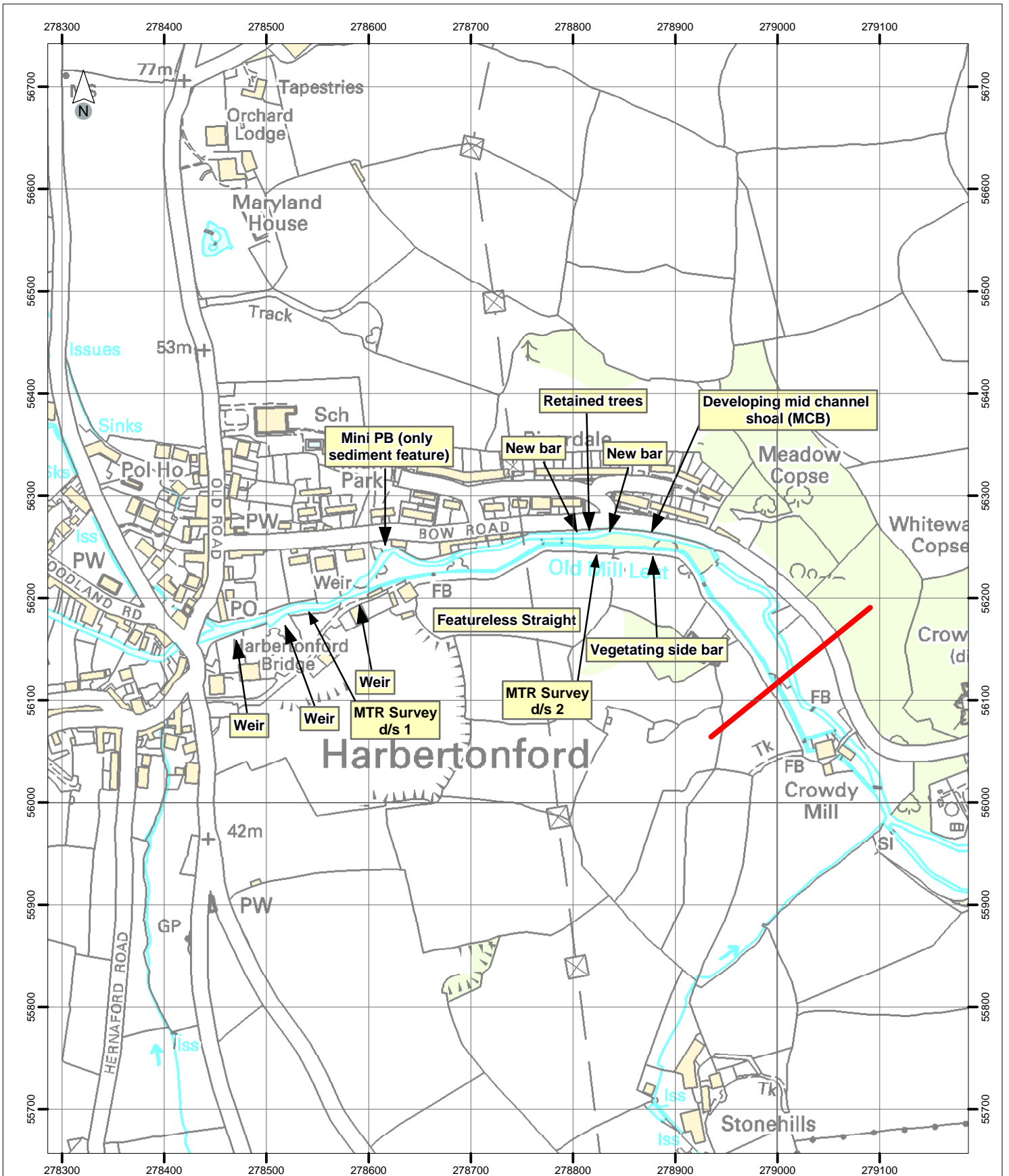
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River Sediments and Habitats and
the Impact of Maintenance
Operations and Capital Works

Client:
HR Wallingford

Date:
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Scale:
1:5,000 @ A4

Figure:
30



Key:

Title:
River Harbourne - Observations on
Micro-Habitats Features During
Macrophyte Survey

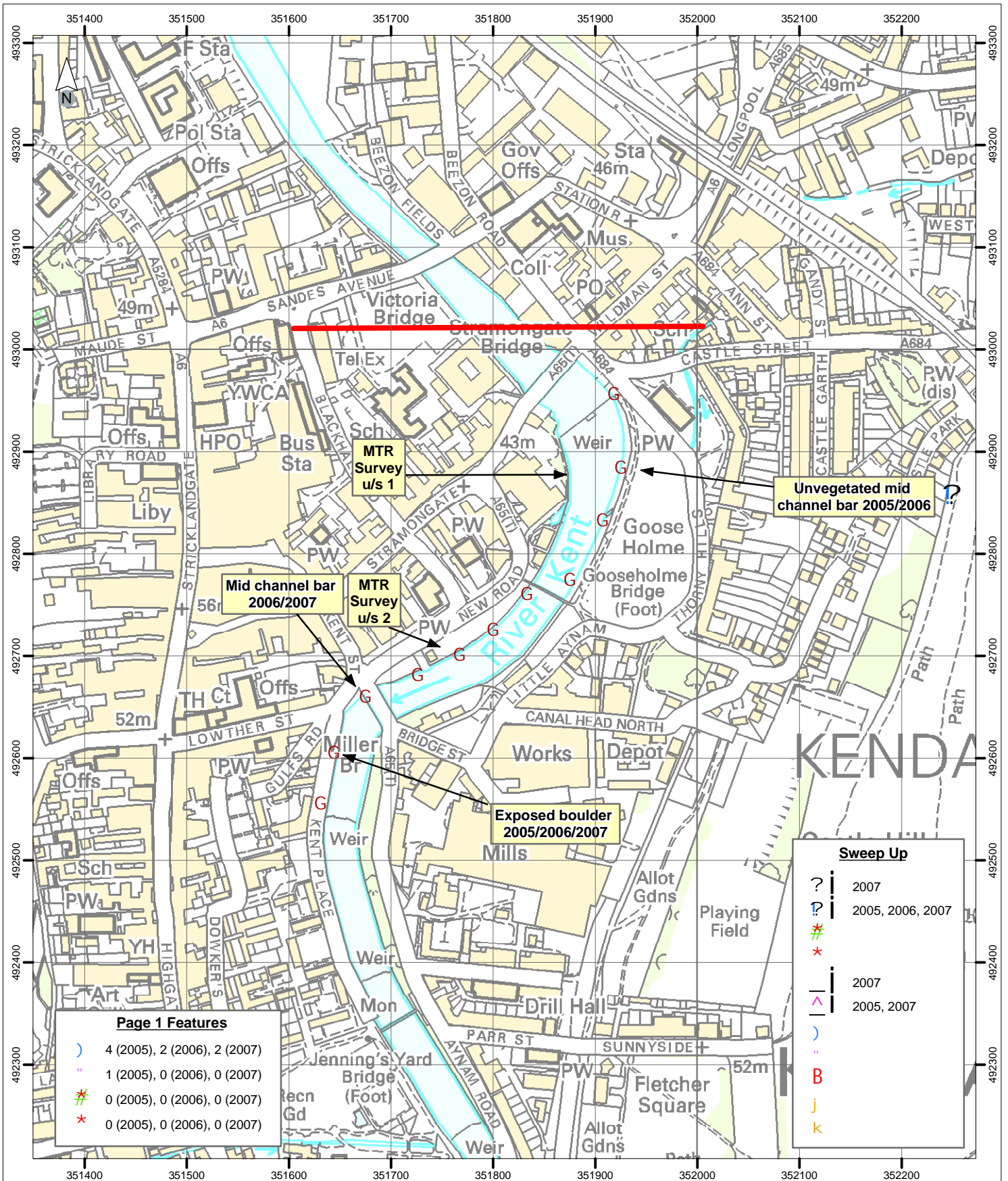
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River Sediments and Habitats and
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Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
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Page 1 Features

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#	0 (2005), 0 (2006), 0 (2007)
*	0 (2005), 0 (2006), 0 (2007)

Sweep Up

?	2007
?	2005, 2006, 2007
#	2007
*	2005, 2007
^	2007
^	2005, 2007
)	
"	
B	
j	
k	

Key:

?	Vegetated Mid Bar)	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Kent- River Habitat Survey Features

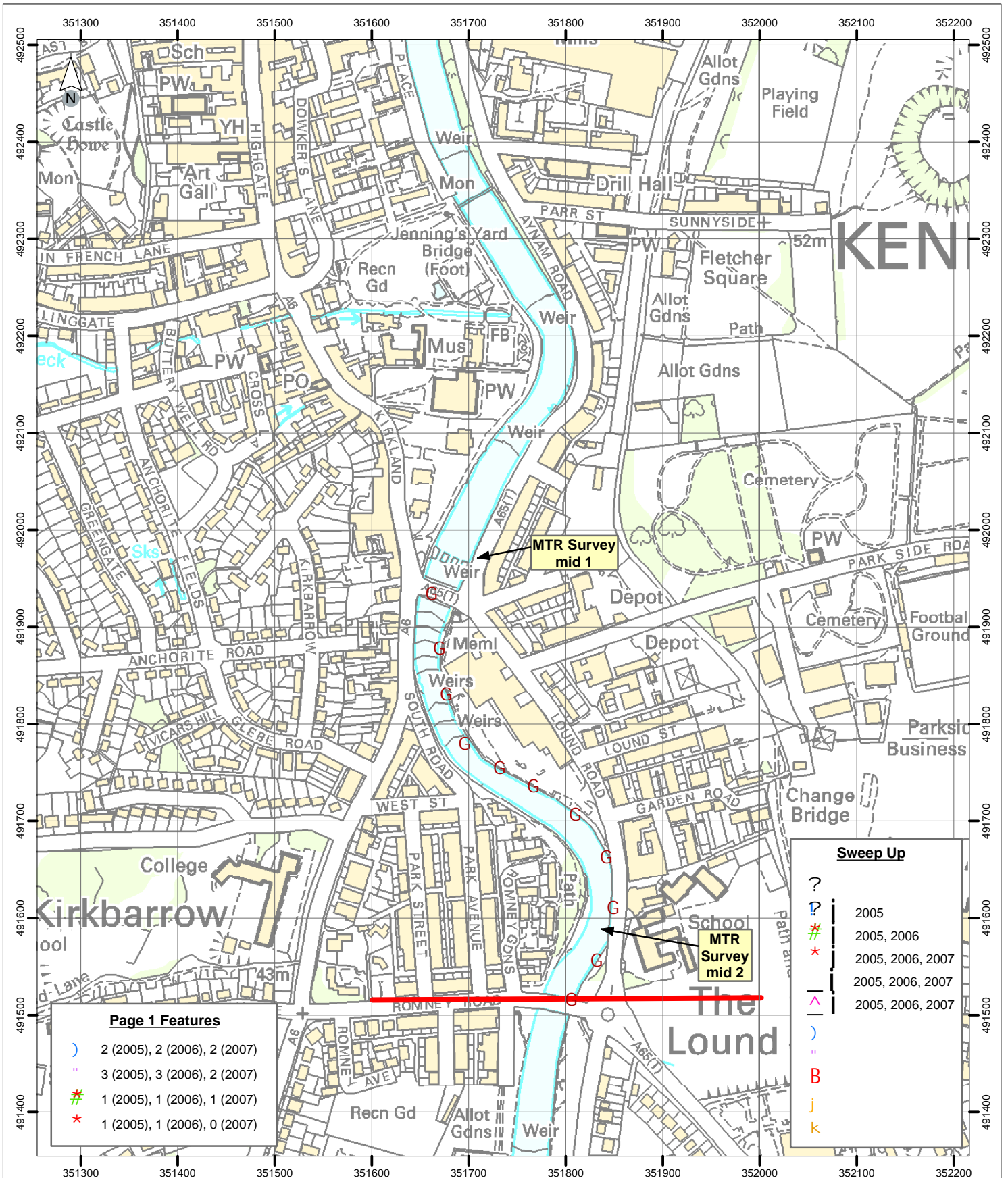
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River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

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HR Wallingford

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Scale:
1:5,000 @ A4

Figure:
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Page 1 Features

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- | 3 (2005), 3 (2006), 2 (2007)
- # 1 (2005), 1 (2006), 1 (2007)
- * 1 (2005), 1 (2006), 0 (2007)

Sweep Up

- ? 2005
- # 2005, 2006
- * 2005, 2006, 2007
- ^ 2005, 2006, 2007
-) 2005, 2006, 2007
- B
- j
- k

Key:			
?	Vegetated Mid Bar)	Riffle
 	Unvegetated Mid Bar	 	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
 	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
River Kent- River Habitat Survey Features

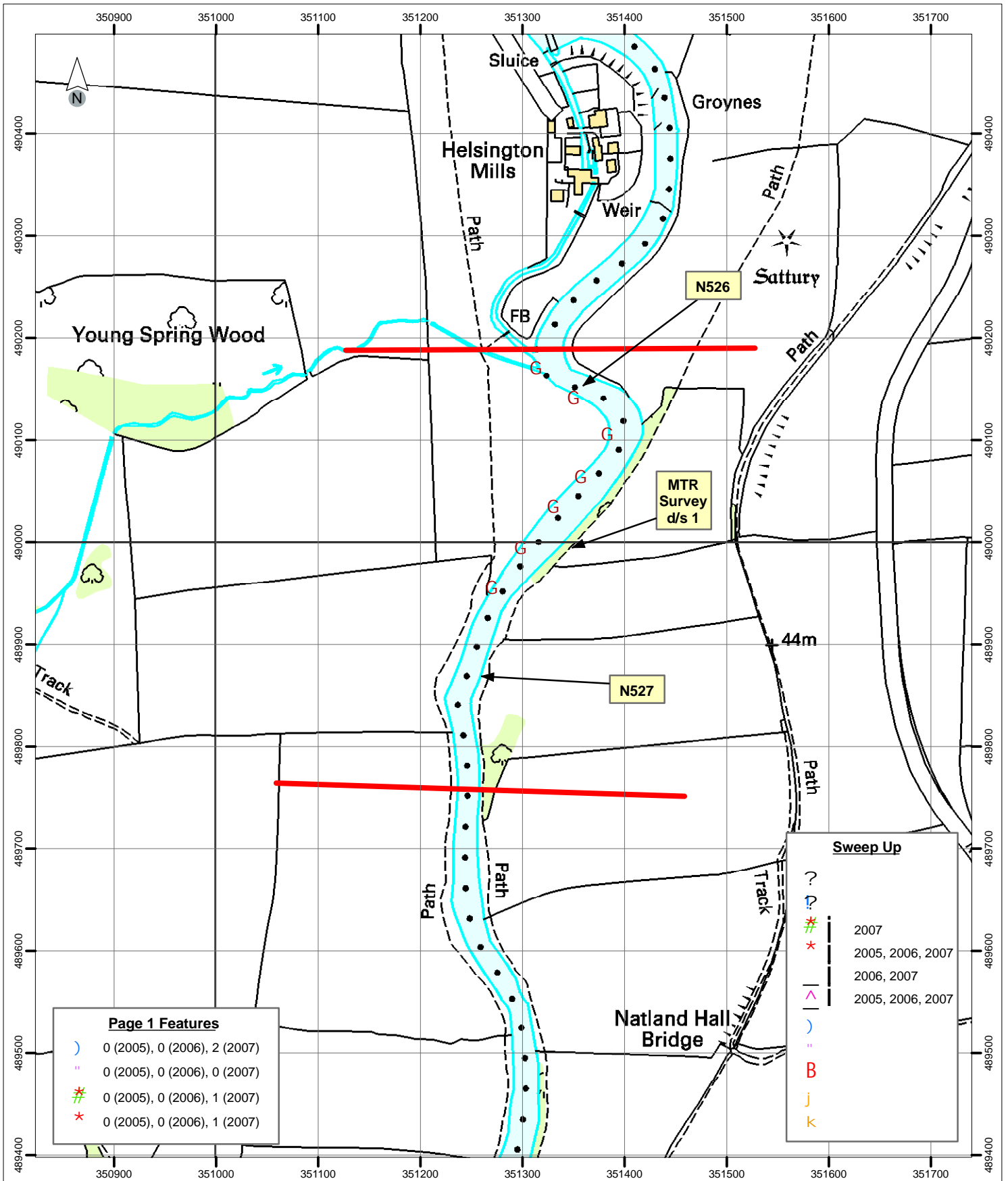
Project:
River Sediments and Habitats and the Impact of Maintenance Operations and Capital Works

Client:
HR Wallingford

Date:
May 2008

Scale:
1:5,000 @ A4

Figure:
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Sweep Up

~	2007
#	2005, 2006, 2007
*	2006, 2007
^	2005, 2006, 2007
)	2005, 2006, 2007
B	
j	
k	

Page 1 Features

)	0 (2005), 0 (2006), 2 (2007)
"	0 (2005), 0 (2006), 0 (2007)
#	0 (2005), 0 (2006), 1 (2007)
*	0 (2005), 0 (2006), 1 (2007)

Key:

?	Vegetated Mid Bar)	Riffle
?	Unvegetated Mid Bar	"	Pool
#	Vegetated Point Bar	B	Silt Deposits
*	Unvegetated Point Bar	j	Stable Cliff
^	Vegetated Side Bar	k	Eroding Cliff
—	UnVegetated Side Bar	i	Present In Sweep-up
G	River Habitat Survey Spot Check		

Title:
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Figure:
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