



Planning Inspectorate Reference: EN0110047

Environmental Impact Assessment Scoping Report
Volume II: Technical Appendices – Appendix 16-2-C: Geo-Environmental Desk Study
September 2026

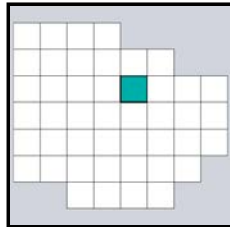


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

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Printed at:	1:2,500

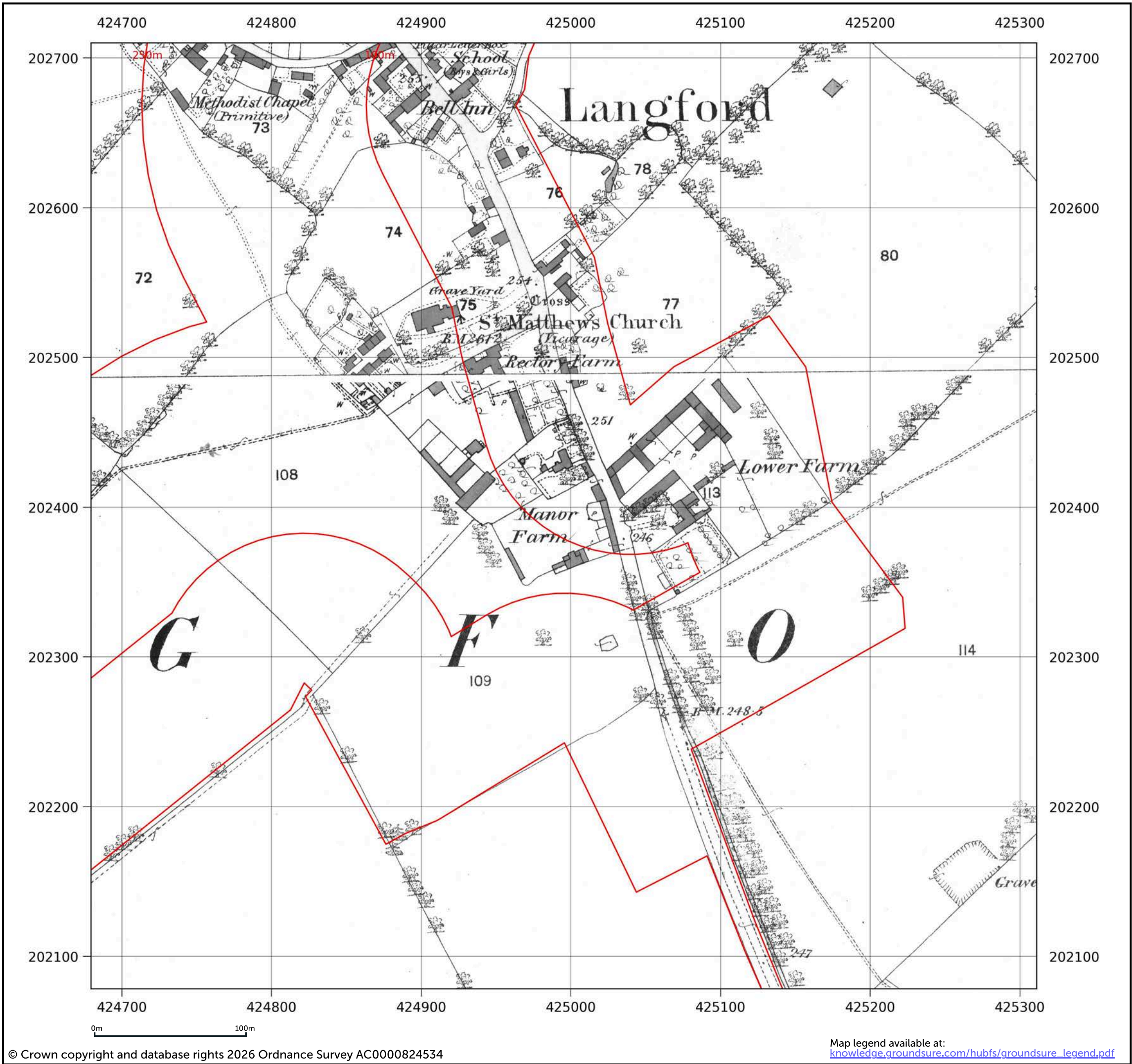


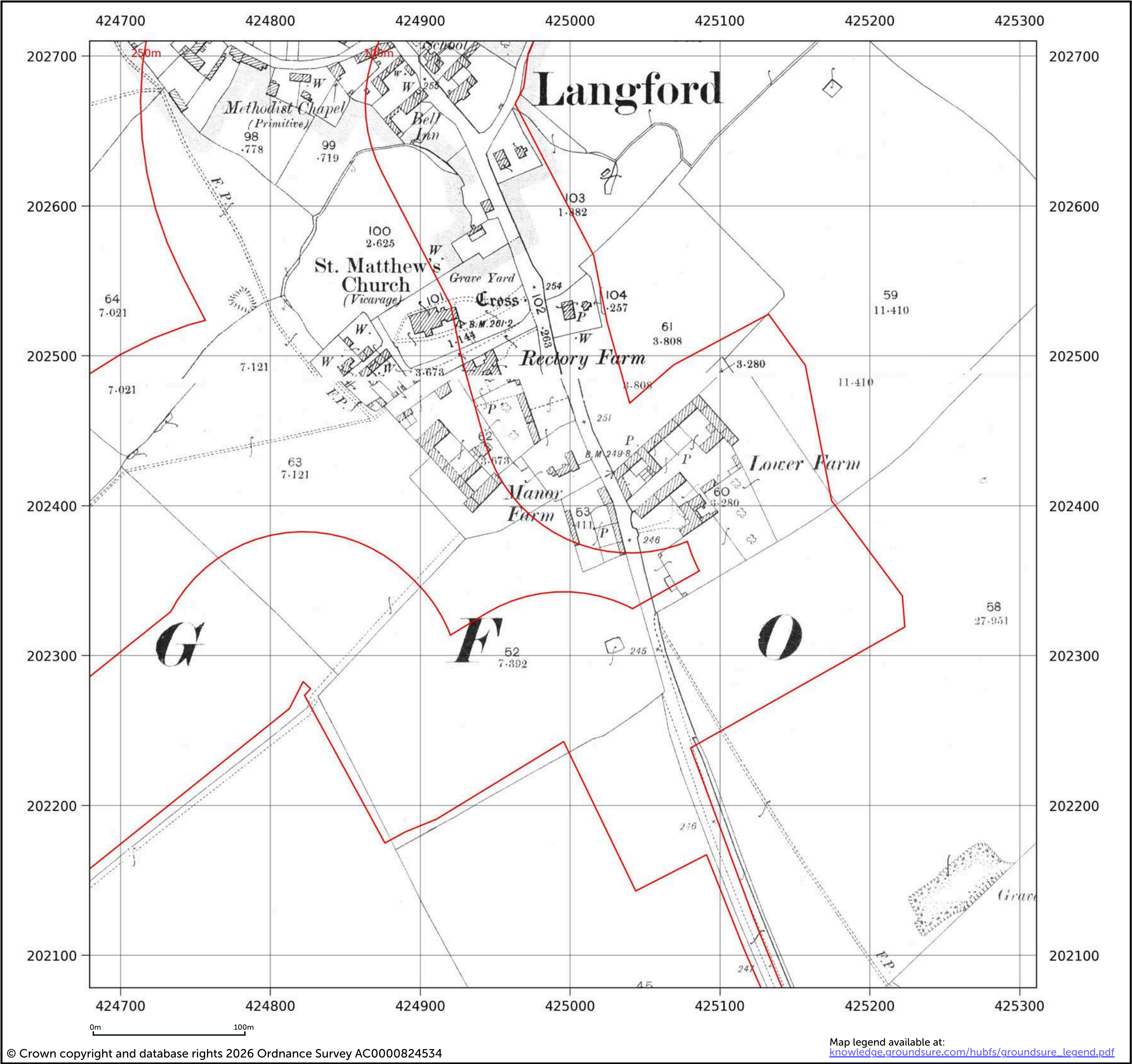
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Date: 1880 Surveyed: 1880 Revised: 1880



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4_4	5_4	6_4

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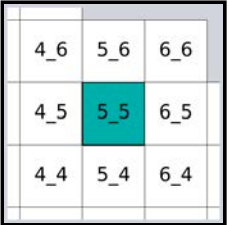
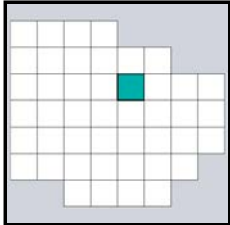


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500

Date: 1899
Surveyed: 1899
Revised: 1899

Date: 1899
Surveyed: 1899
Revised: 1899



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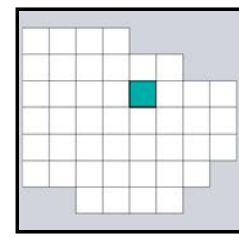
Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

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Printed at: 1:2,500



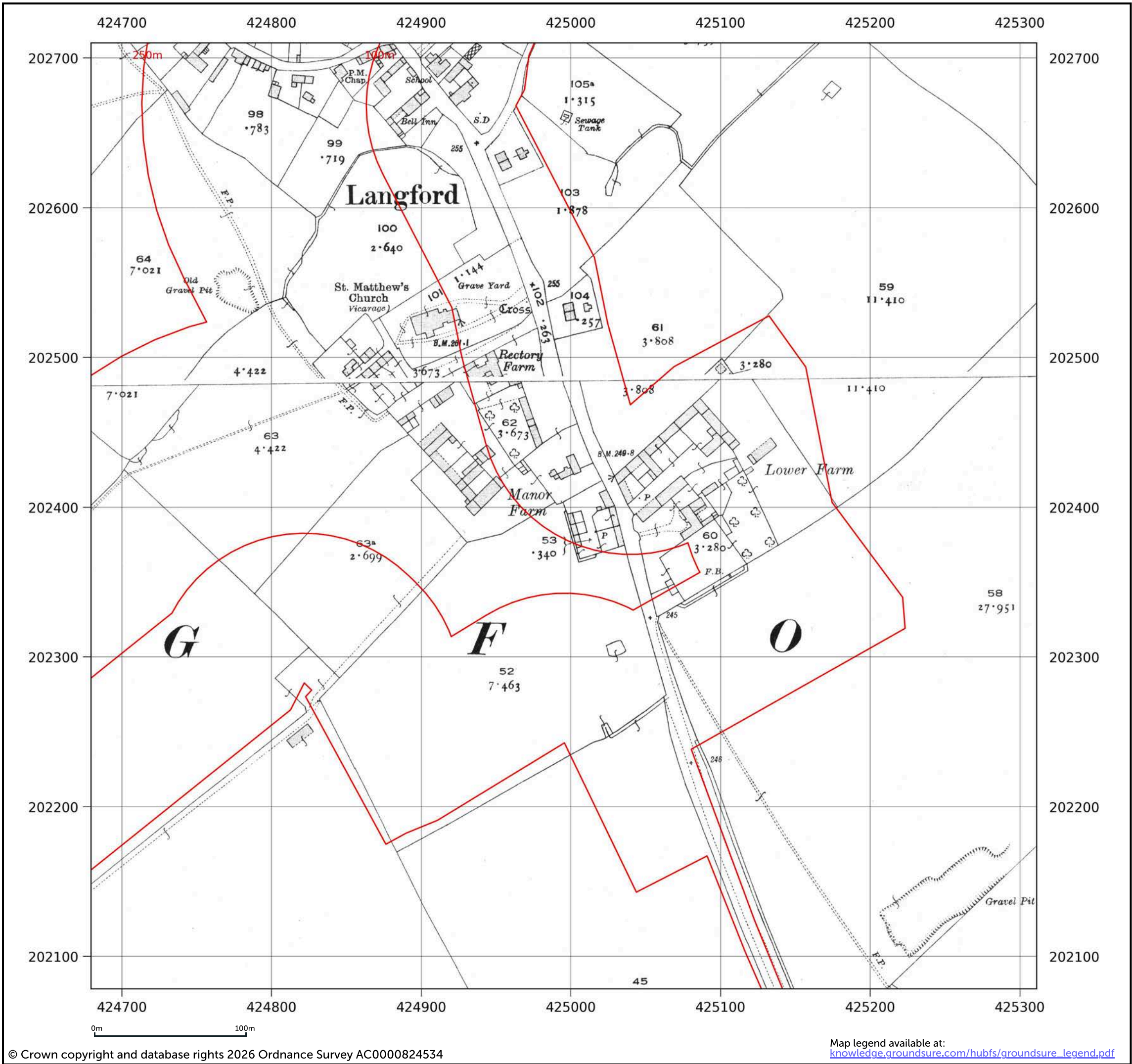
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Surveyed: 1921
Revised: 1921

Date: 1921
Surveyed: 1921
Revised: 1921



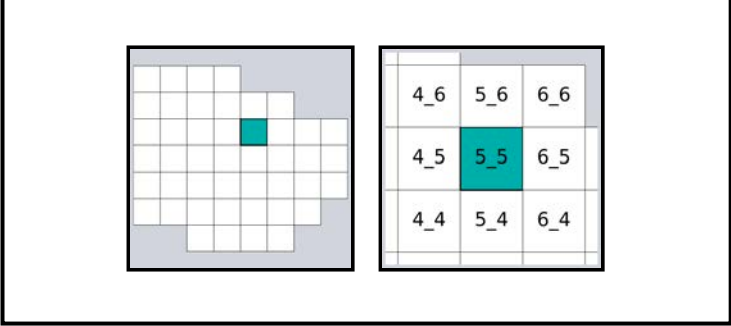
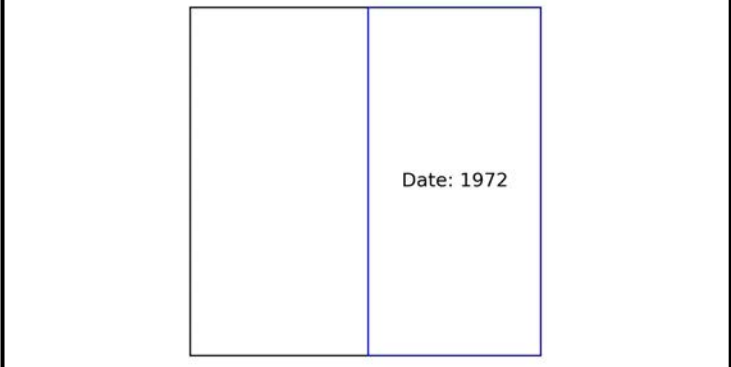
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4_4	5_4	6_4

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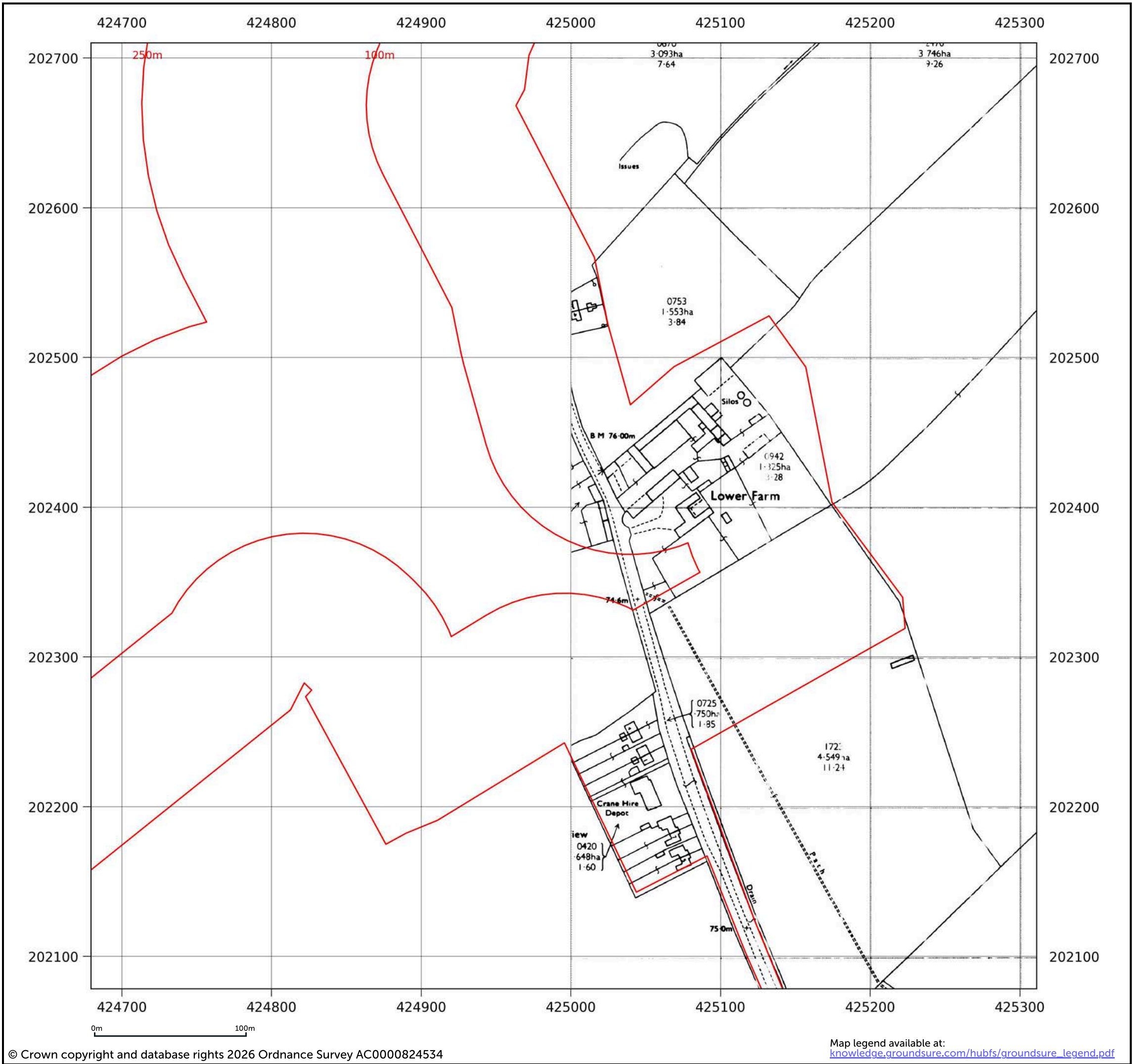


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1972
Scale:	1:2,500
Printed at:	1:2,500



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1972

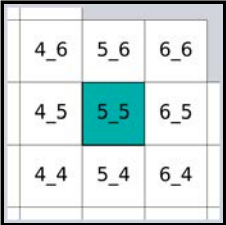
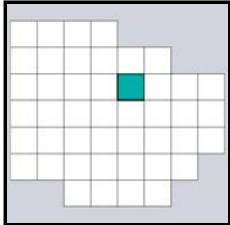
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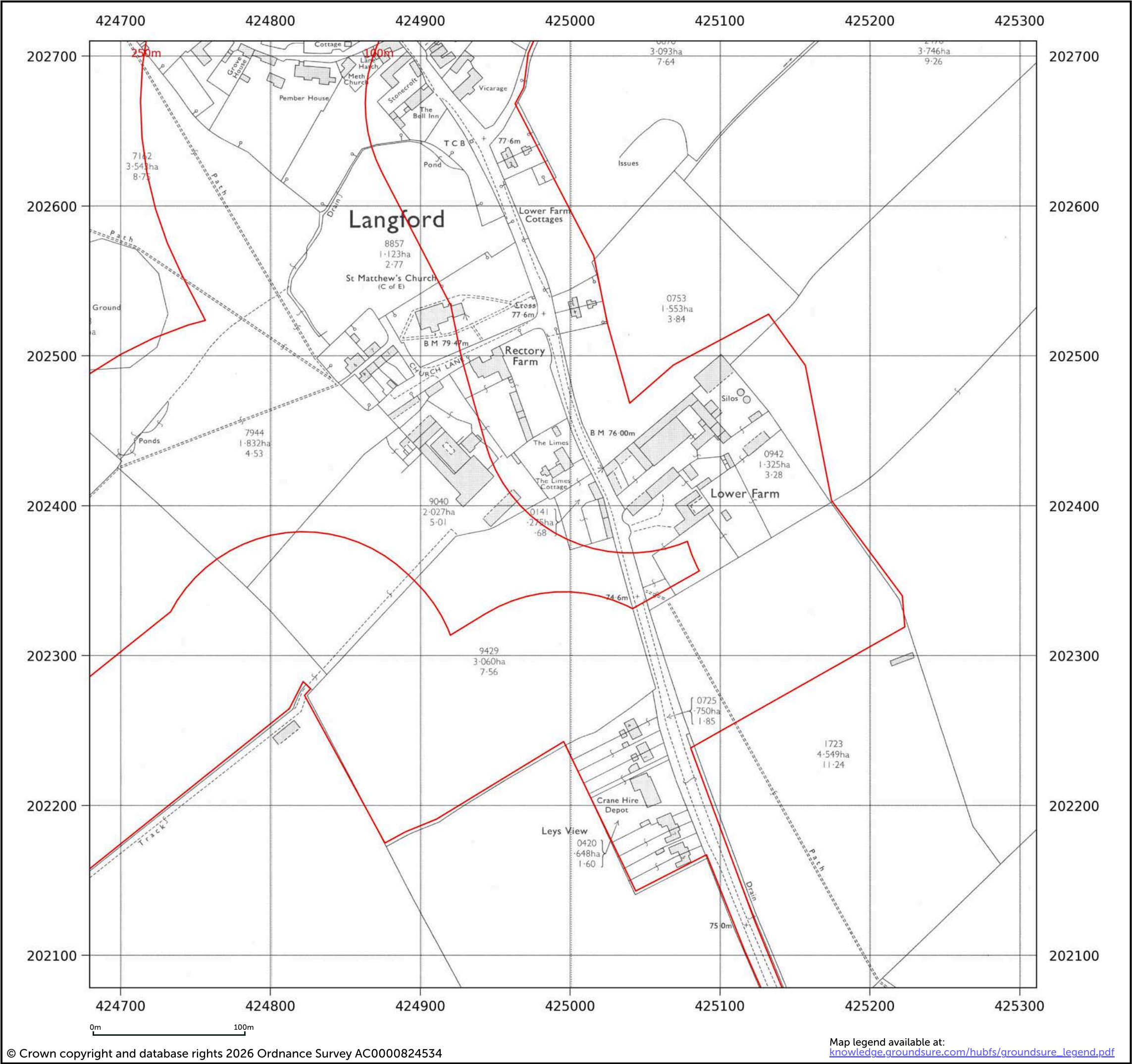
Printed at:

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Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953



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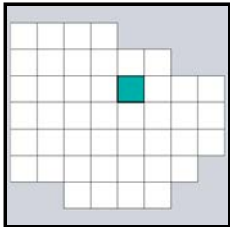
Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

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Scale: 1:2,500
Printed at: 1:2,500



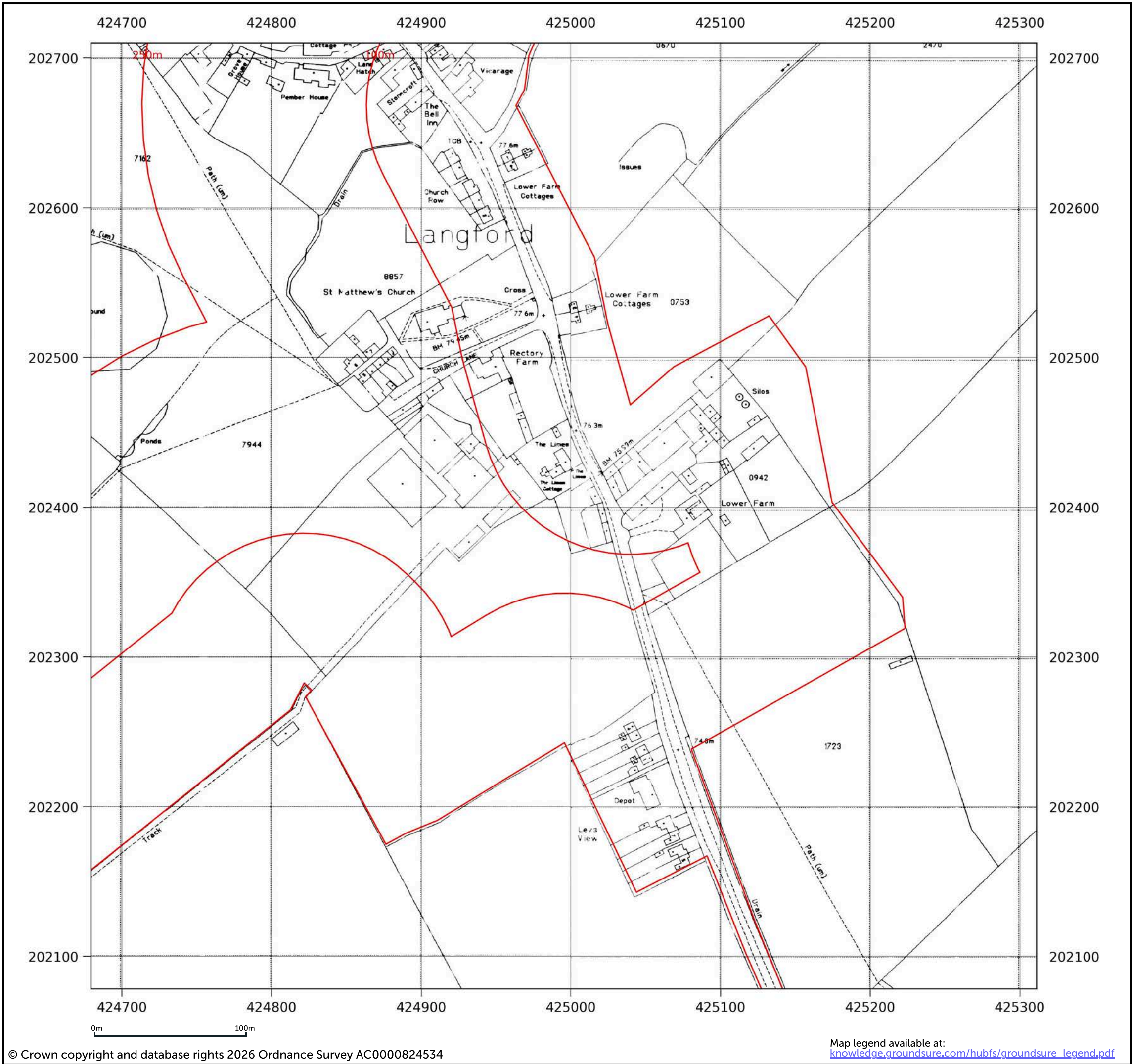
Date: 1994
Copyright: 1994

Date: 1994
Copyright: 1994



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4_5	5_5	6_5
4_4	5_4	6_4

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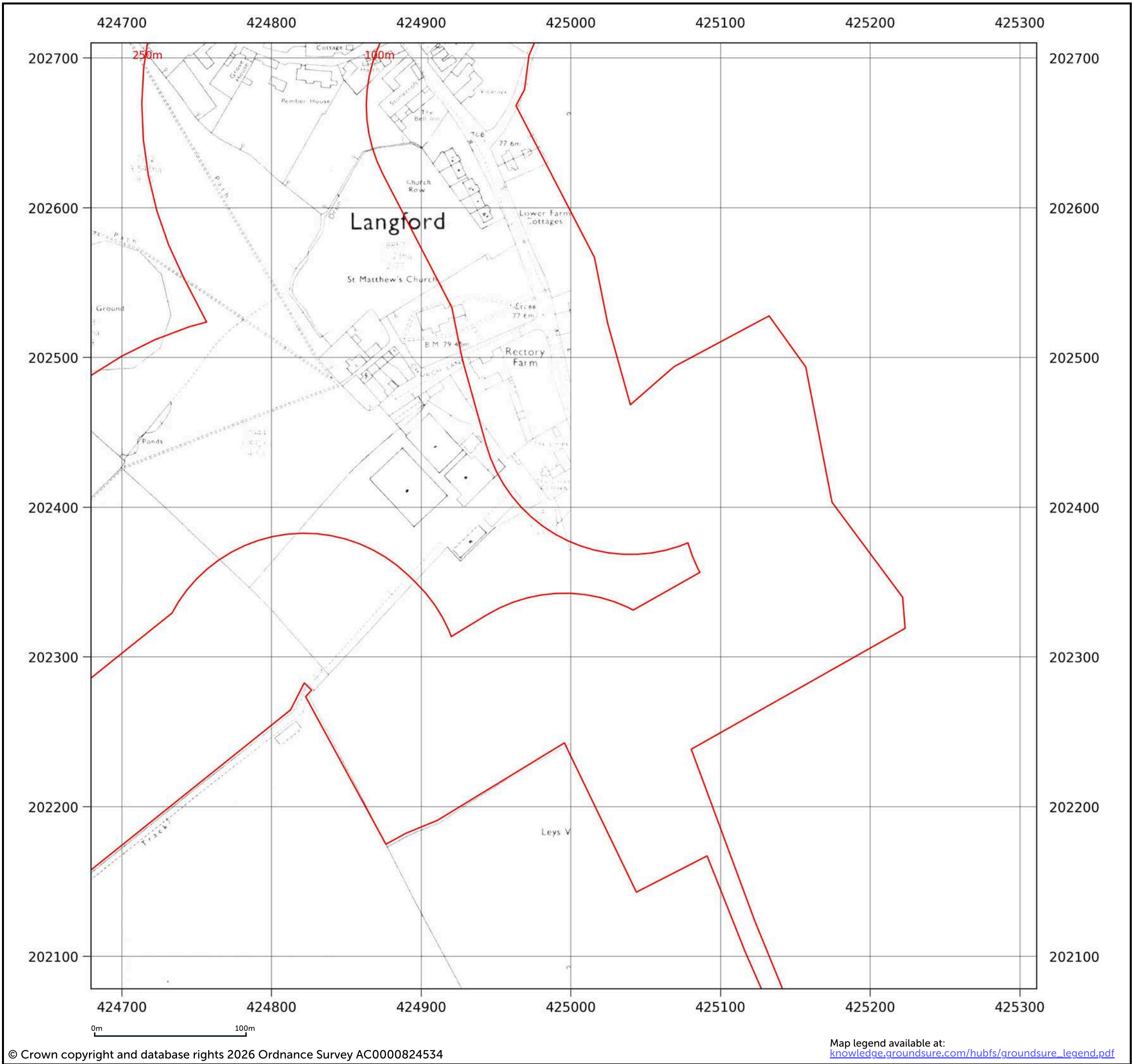
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Date: 1994 Copyright: 1994 Levelled: 1974

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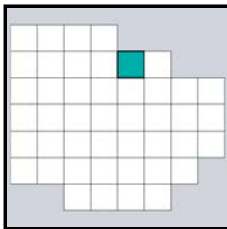


Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

Map name: County Series
Map date: 1899
Scale: 1:2,500
Printed at: 1:2,500

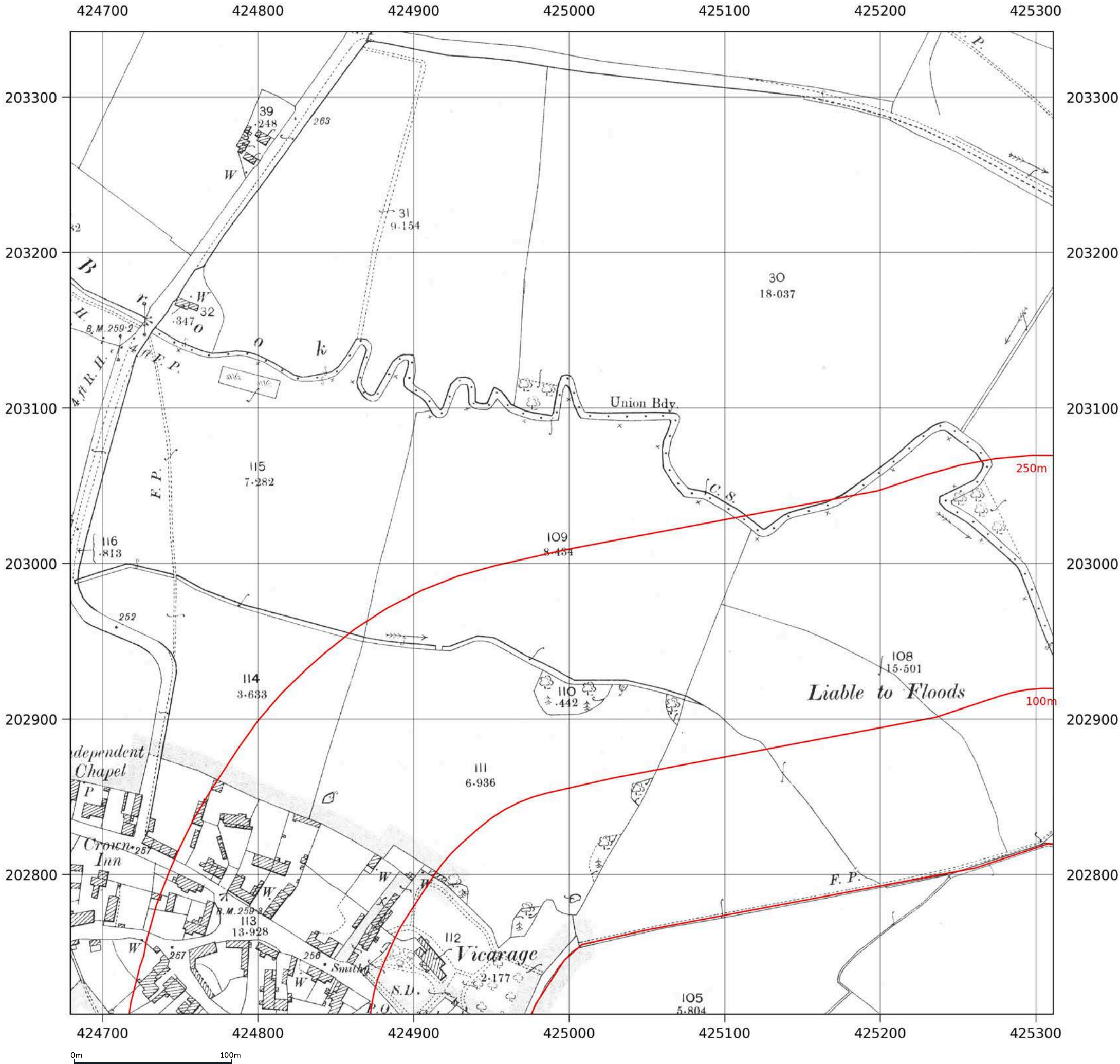


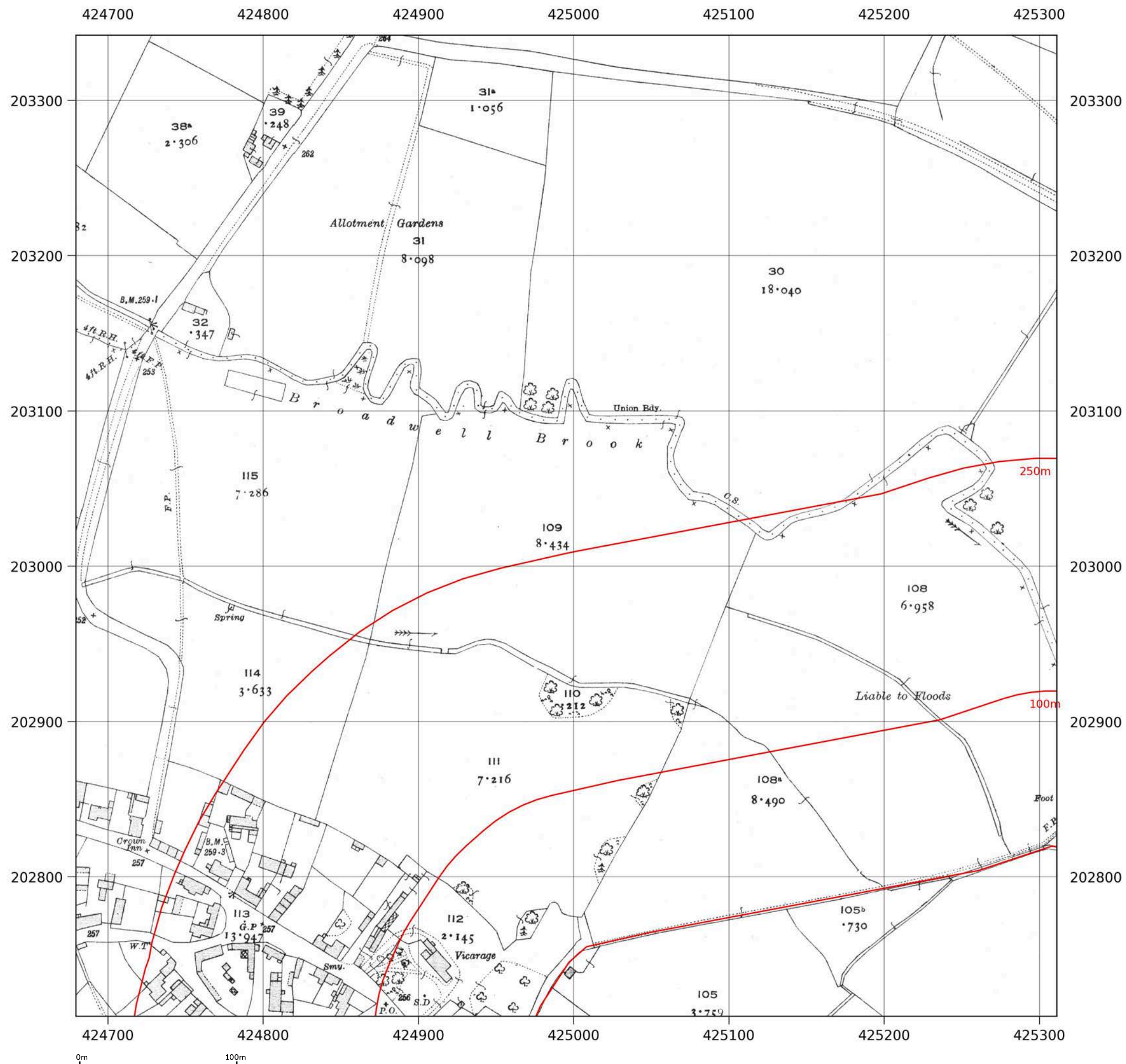
Date: 1899
Surveyed: 1899
Revised: 1899



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4_5	5_5	6_5

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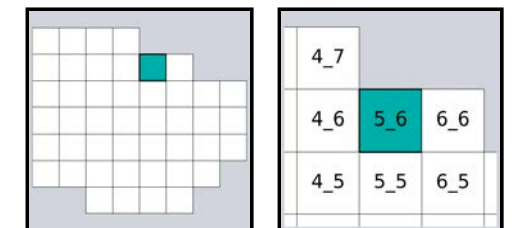


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Grid ref:	424416.47, 201608
Production date:	13 May 2026

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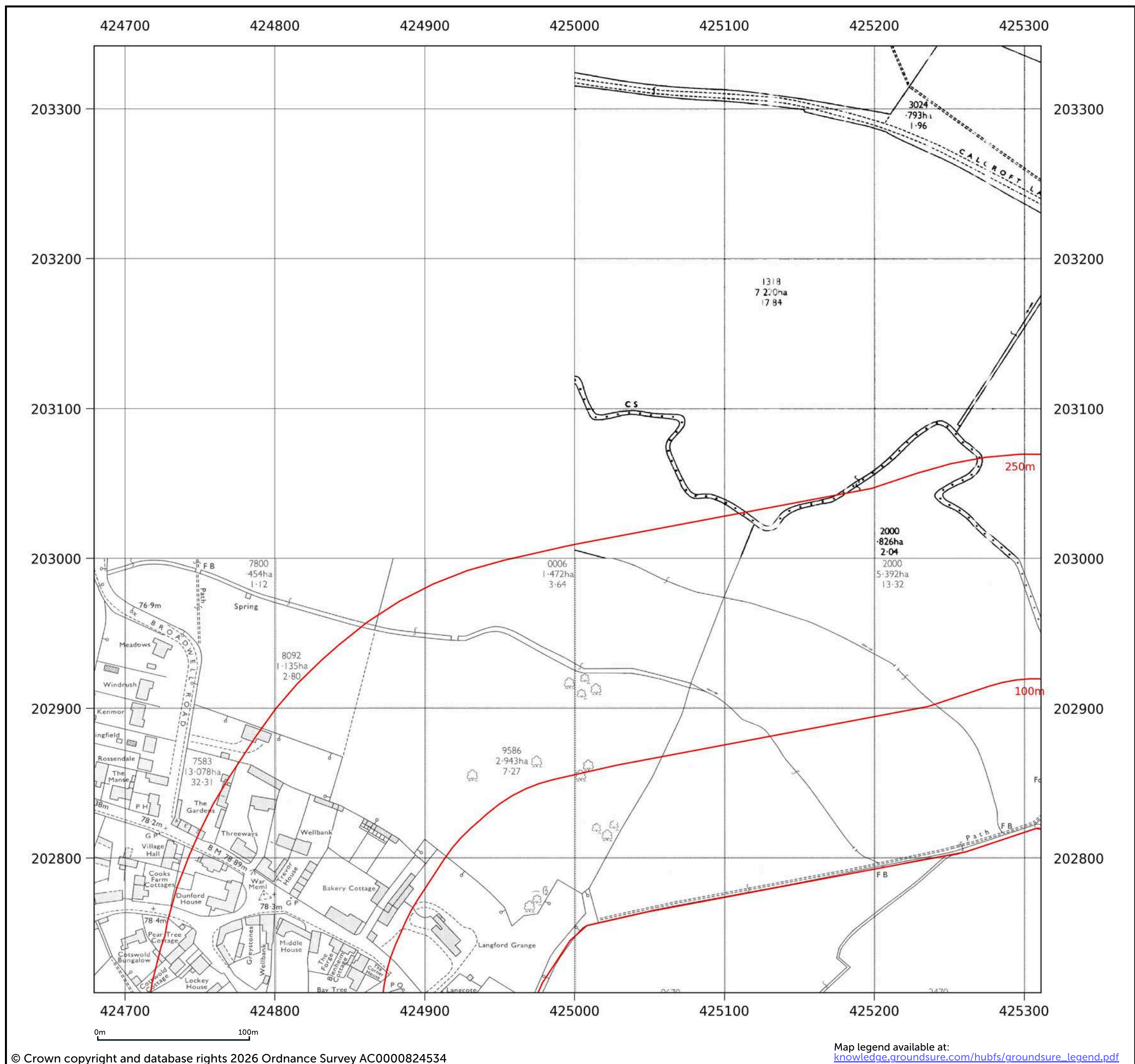


Date: 1921
Surveyed: 1921
Revised: 1921



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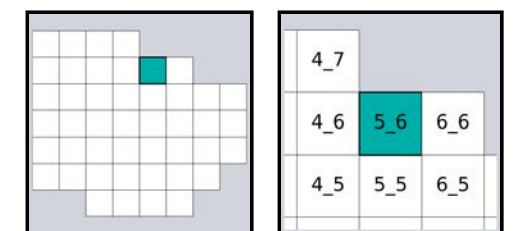


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Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1972
Scale:	1:2,500
Printed at:	1:2,500



	Date: 1972
Date: 1972 Surveyed: 1971 Revised: 1971 Copyright: 1972 Levelled: 1953	



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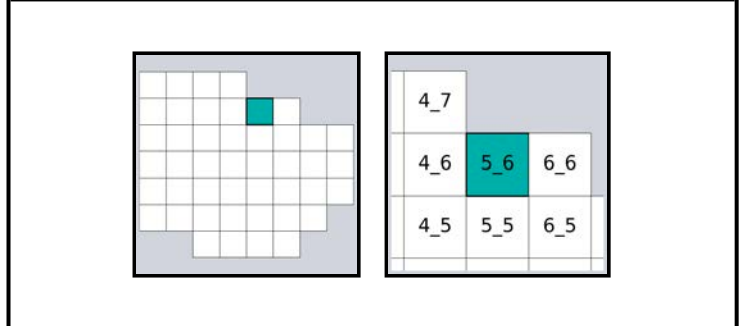


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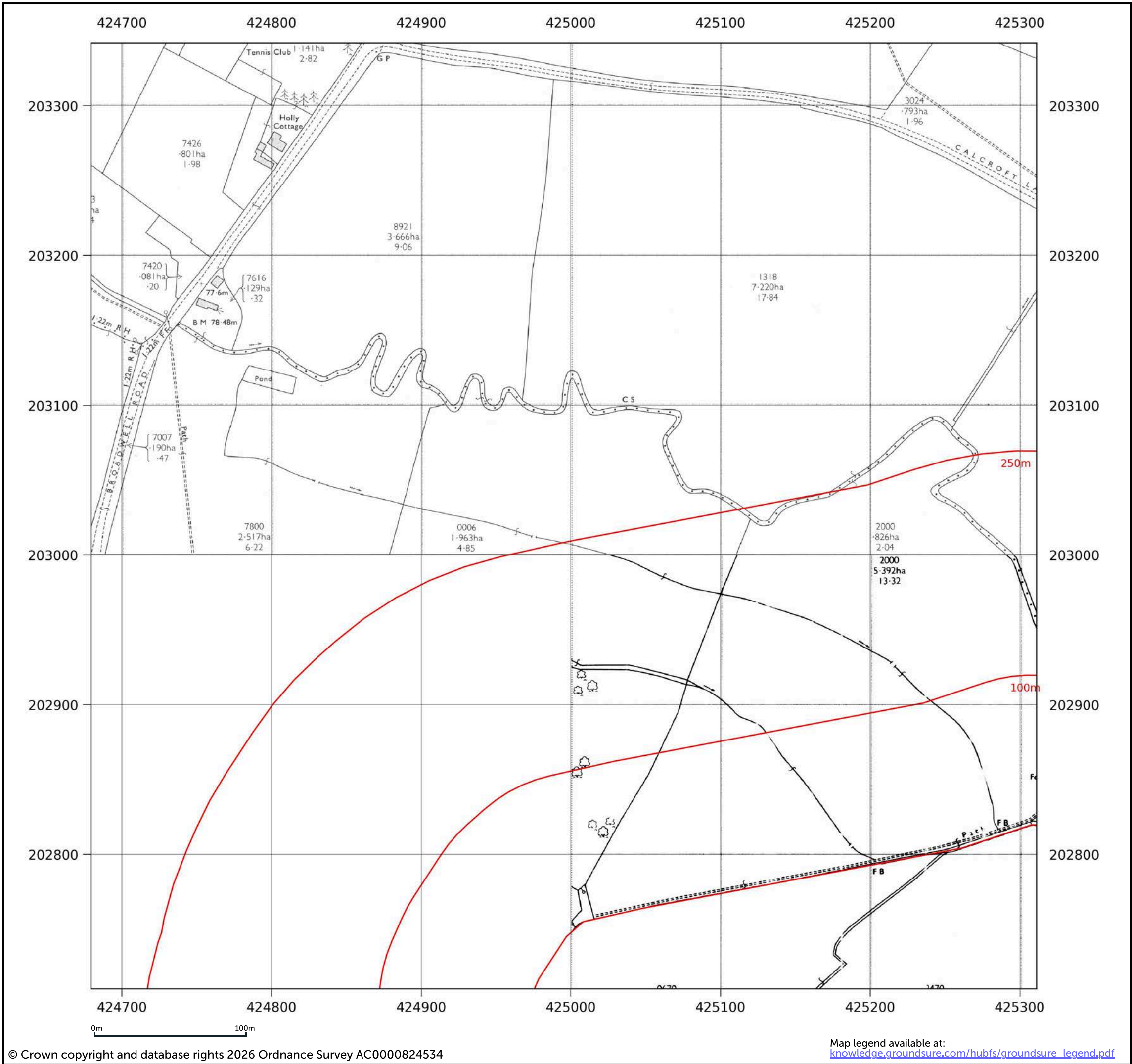
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Scale:	1:2,500
Printed at:	1:2,500



Date: 1972 Surveyed: 1971 Revised: 1971 Copyright: 1972 Levelled: 1953	
Date: 1972	



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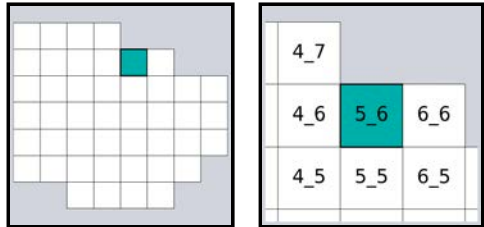


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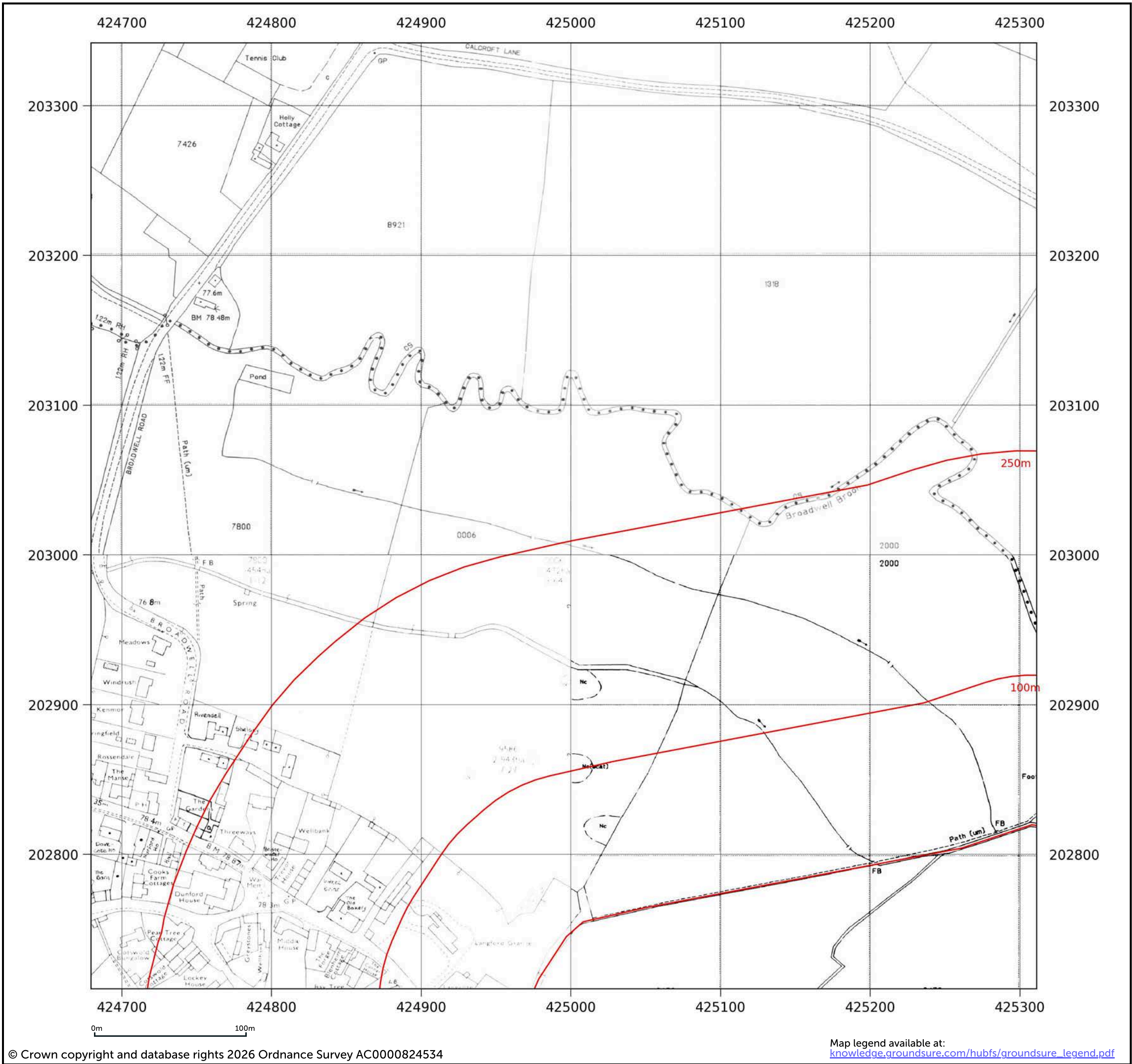
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Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
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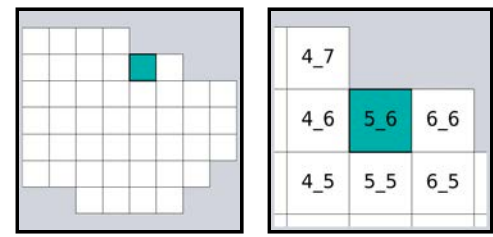


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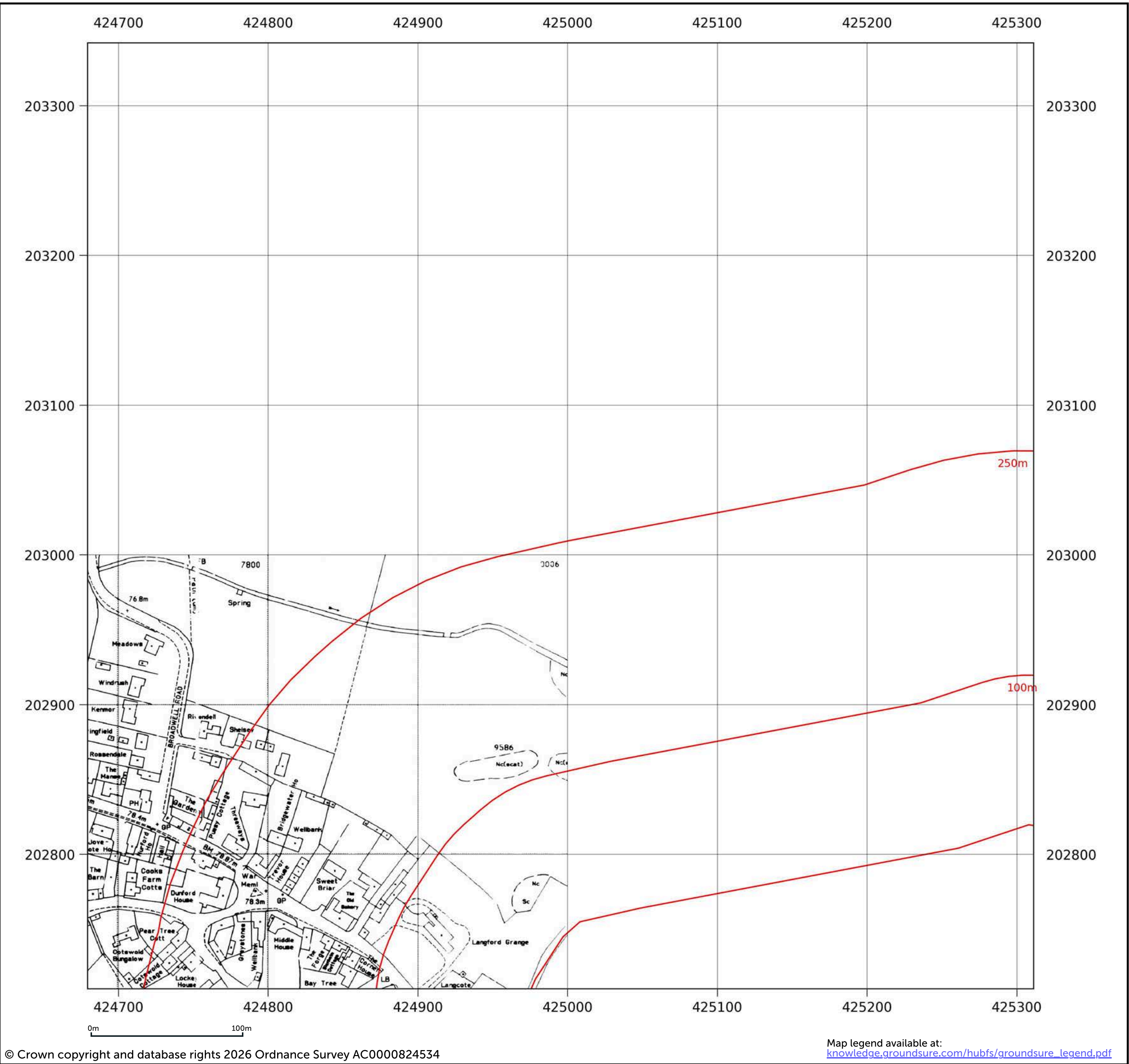
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Printed at:	1:2,500



Date: 1994
Copyright: 1994



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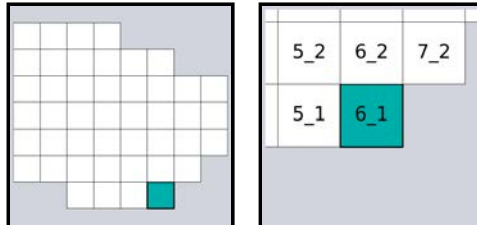


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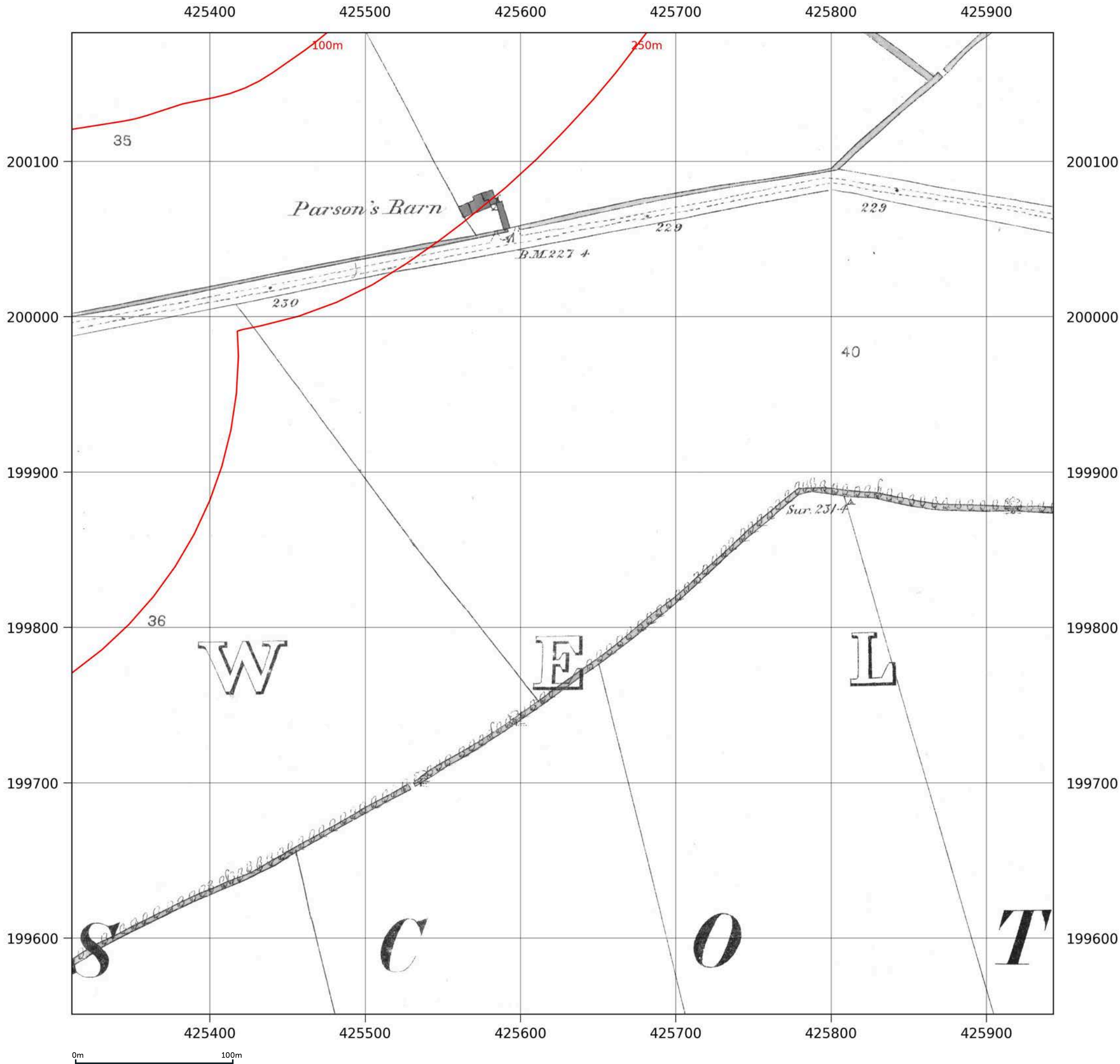
Map name: County Series
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Scale: 1:2,500
Printed at: 1:2,500



Date: 1876
Surveyed: 1876
Revised: 1876



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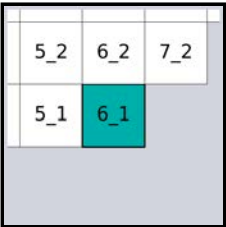
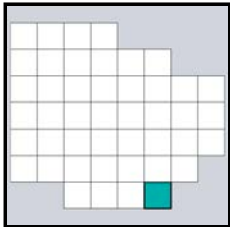


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Client ref:	P25099
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Grid ref:	424416.47, 201608
Production date:	13 May 2026

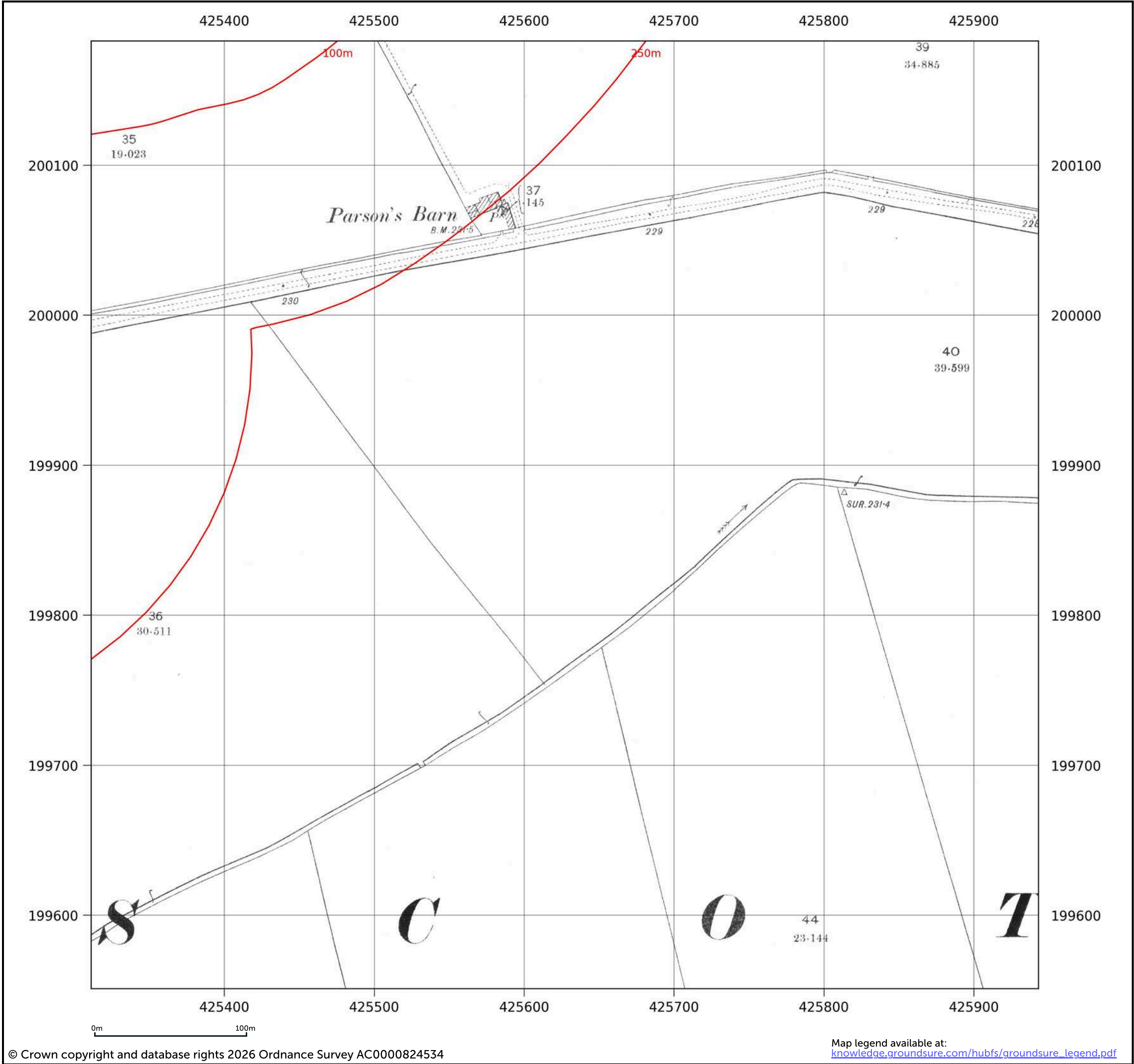
Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899
Surveyed: 1899
Revised: 1899



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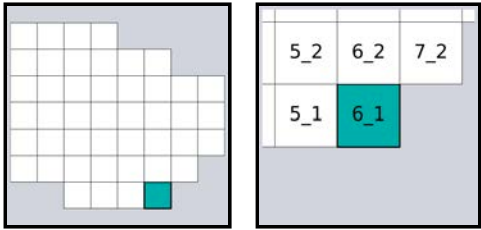


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Production date:	13 May 2026

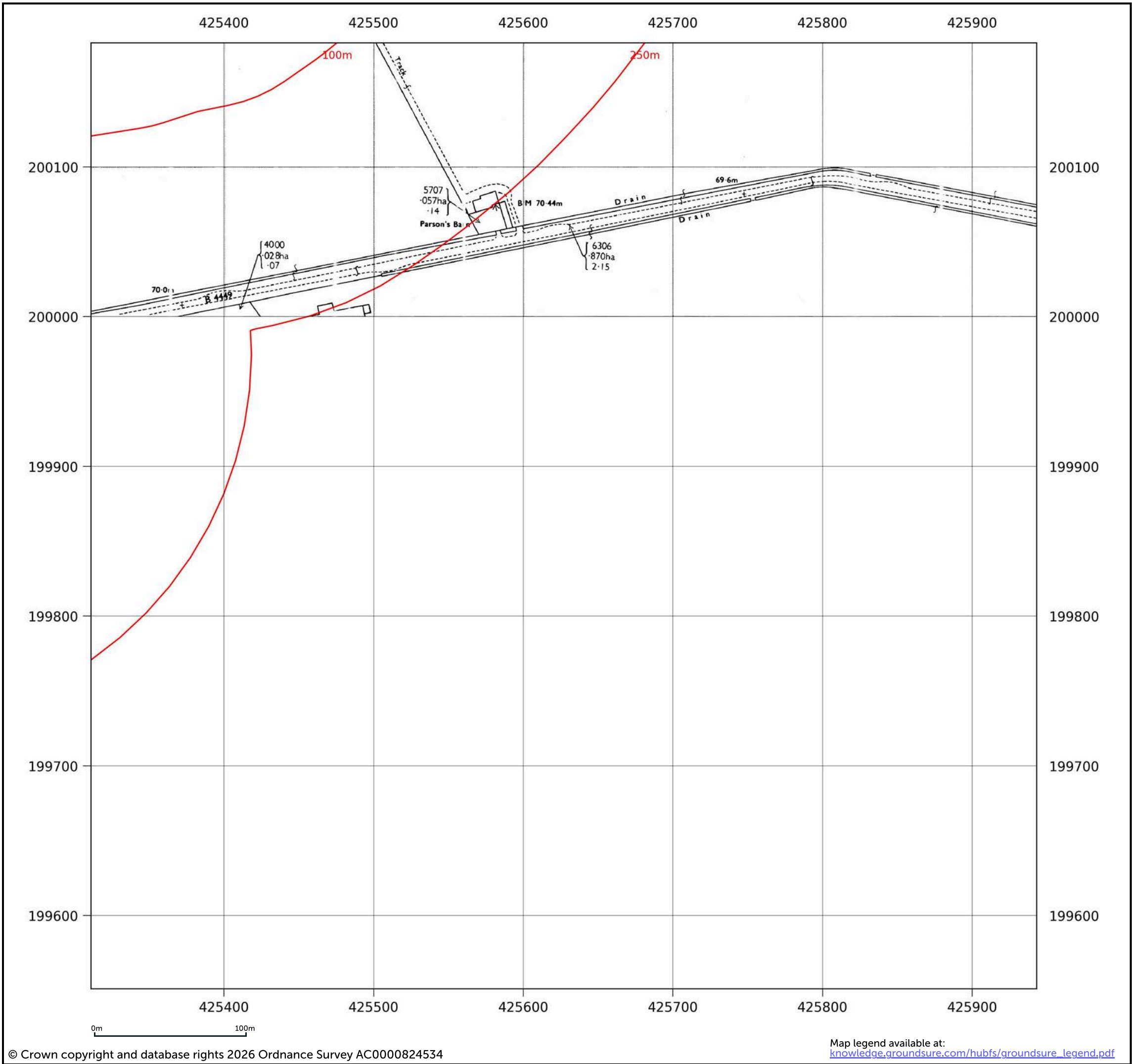
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Scale:	1:2,500
Printed at:	1:2,500



Date: 1971



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

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National Grid

Map date:

1971

Scale:

1:2,500

Printed at:

1:2,500



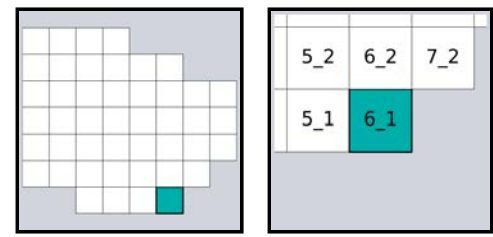
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Surveyed: 1970

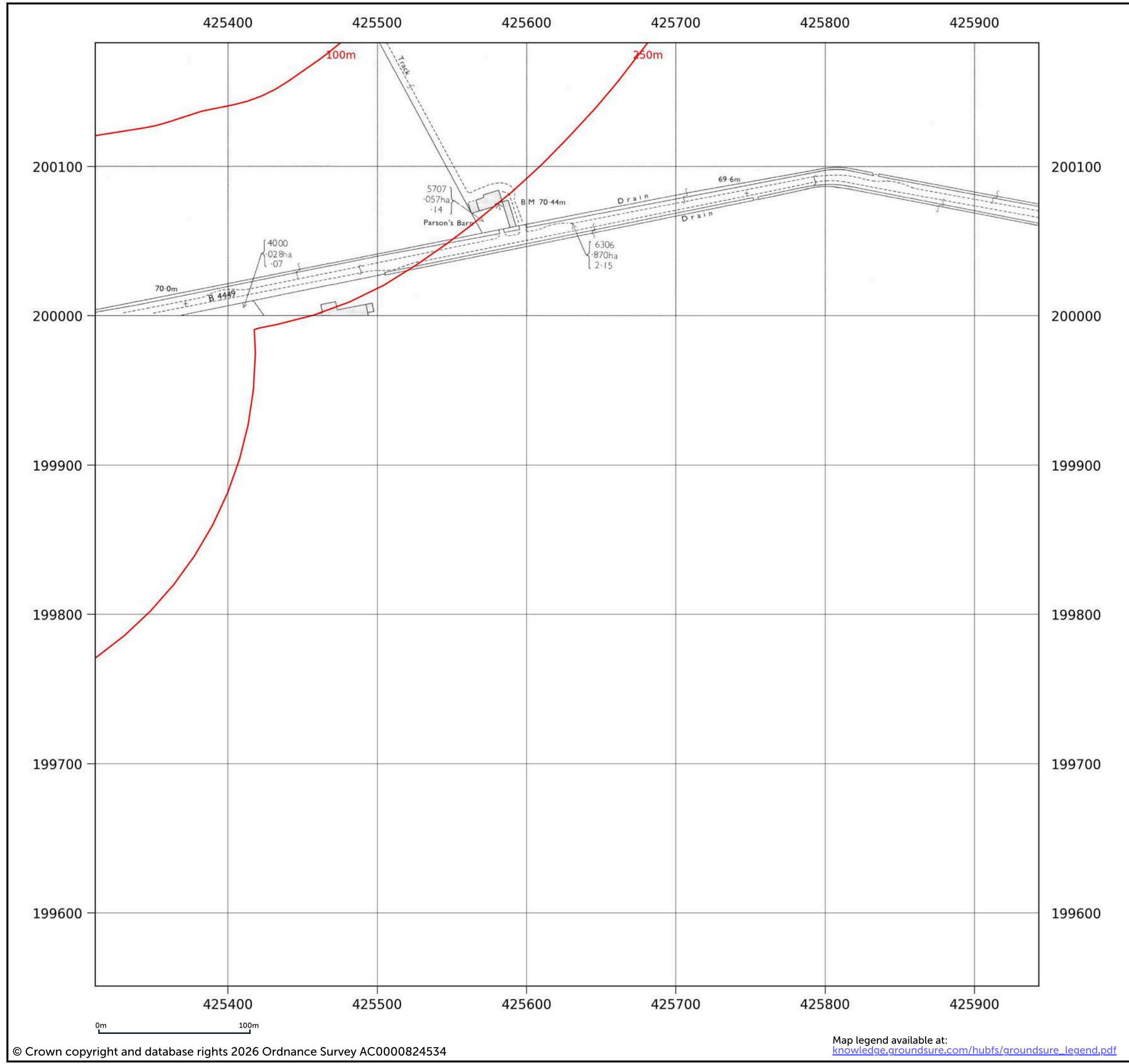
Revised: 1970

Copyright: 1971

Levelled: 1953



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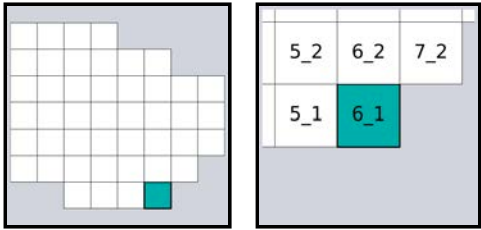


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Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

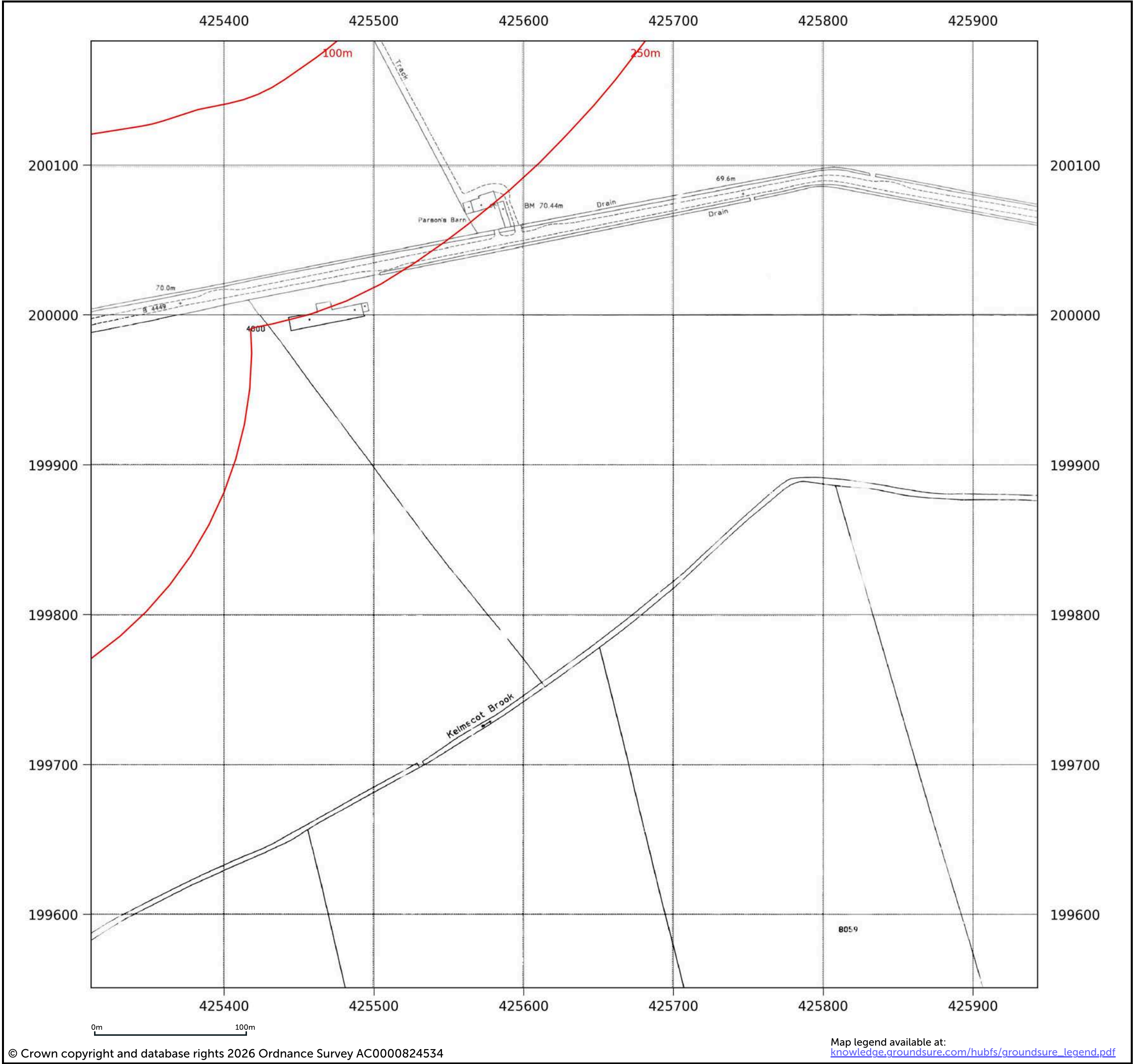
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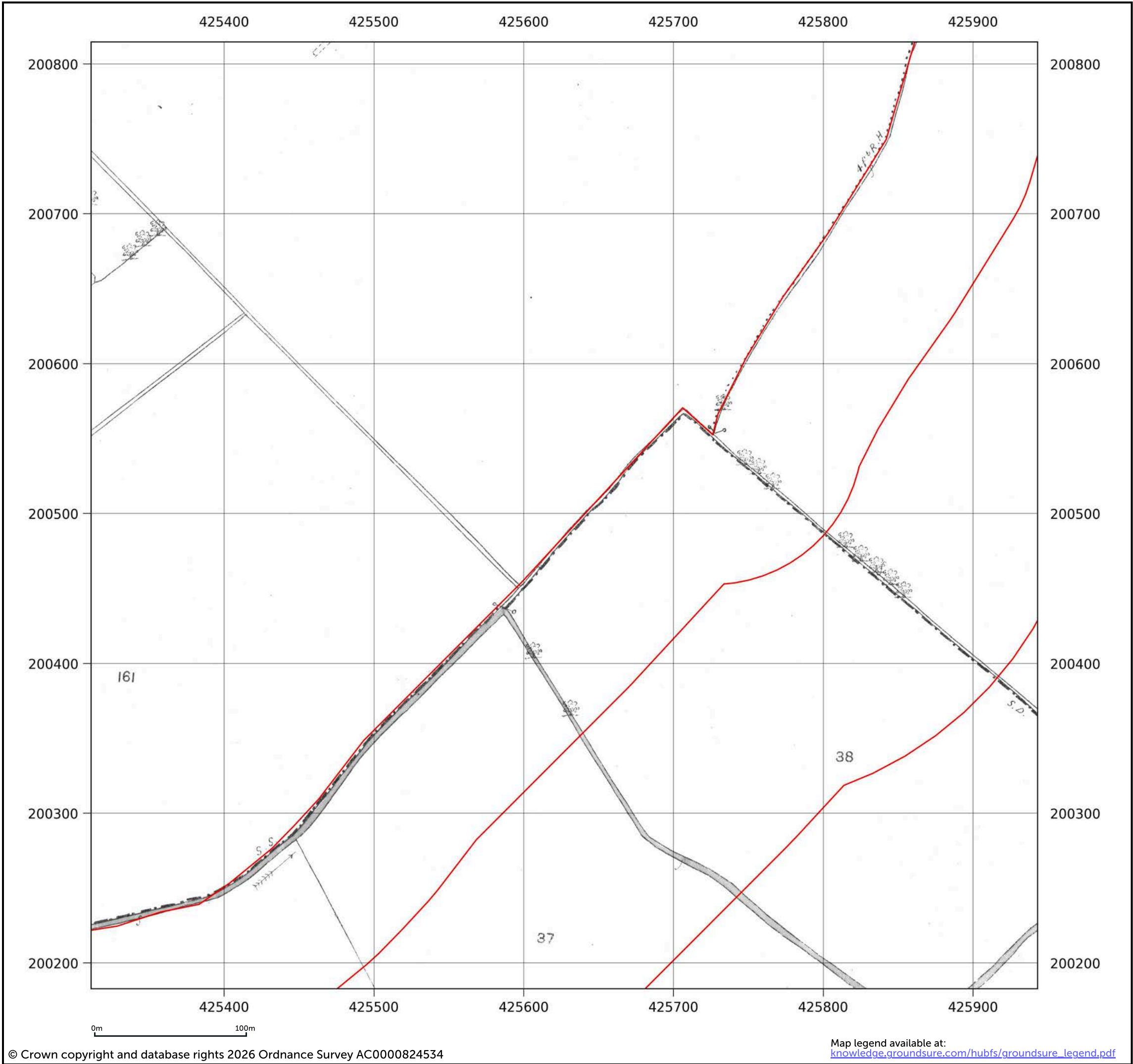


Date: 1994 Surveyed: 1994 Revised: 1994
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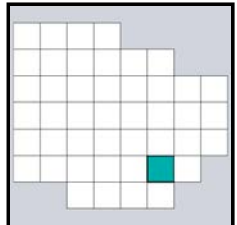




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Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1876
Scale:	1:2,500
Printed at:	1:2,500

Date: 1876
Surveyed: 1876
Revised: 1876



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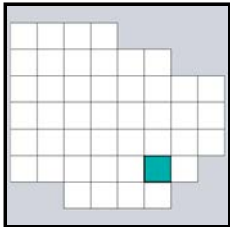
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Production date:	13 May 2026

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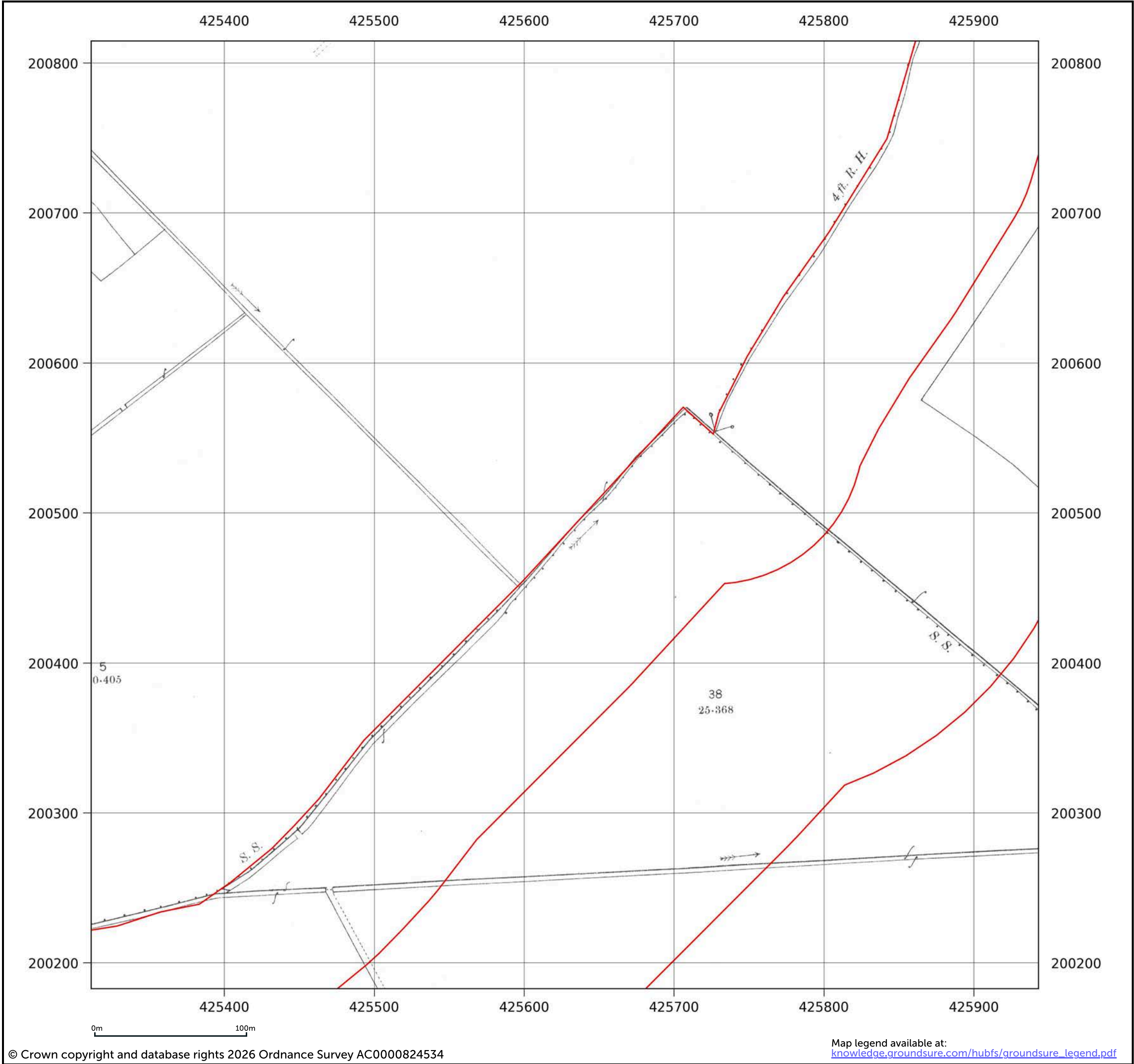


Date: 1899
Surveyed: 1899
Revised: 1899



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5_2	6_2	7_2
5_1	6_1	

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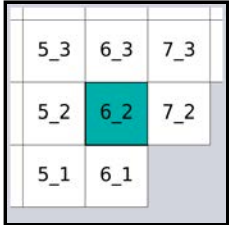
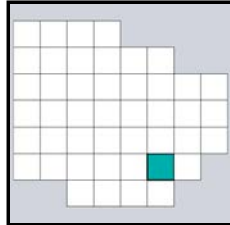


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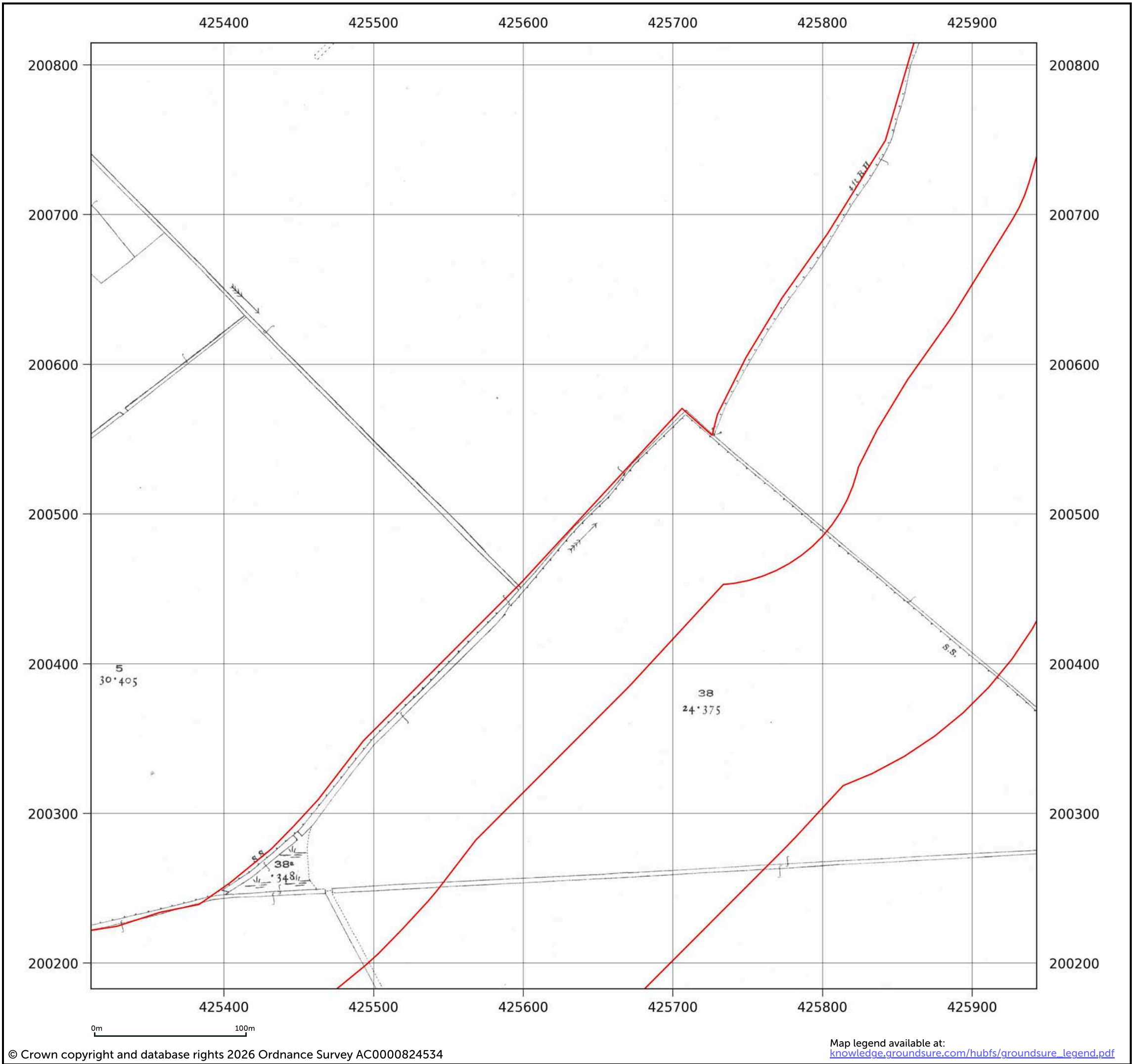
Map name:	County Series
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Date: 1921
Surveyed: 1921
Revised: 1921



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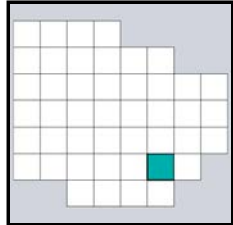


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Grid ref:	424416.47, 201608
Production date:	13 May 2026

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Scale:	1:2,500
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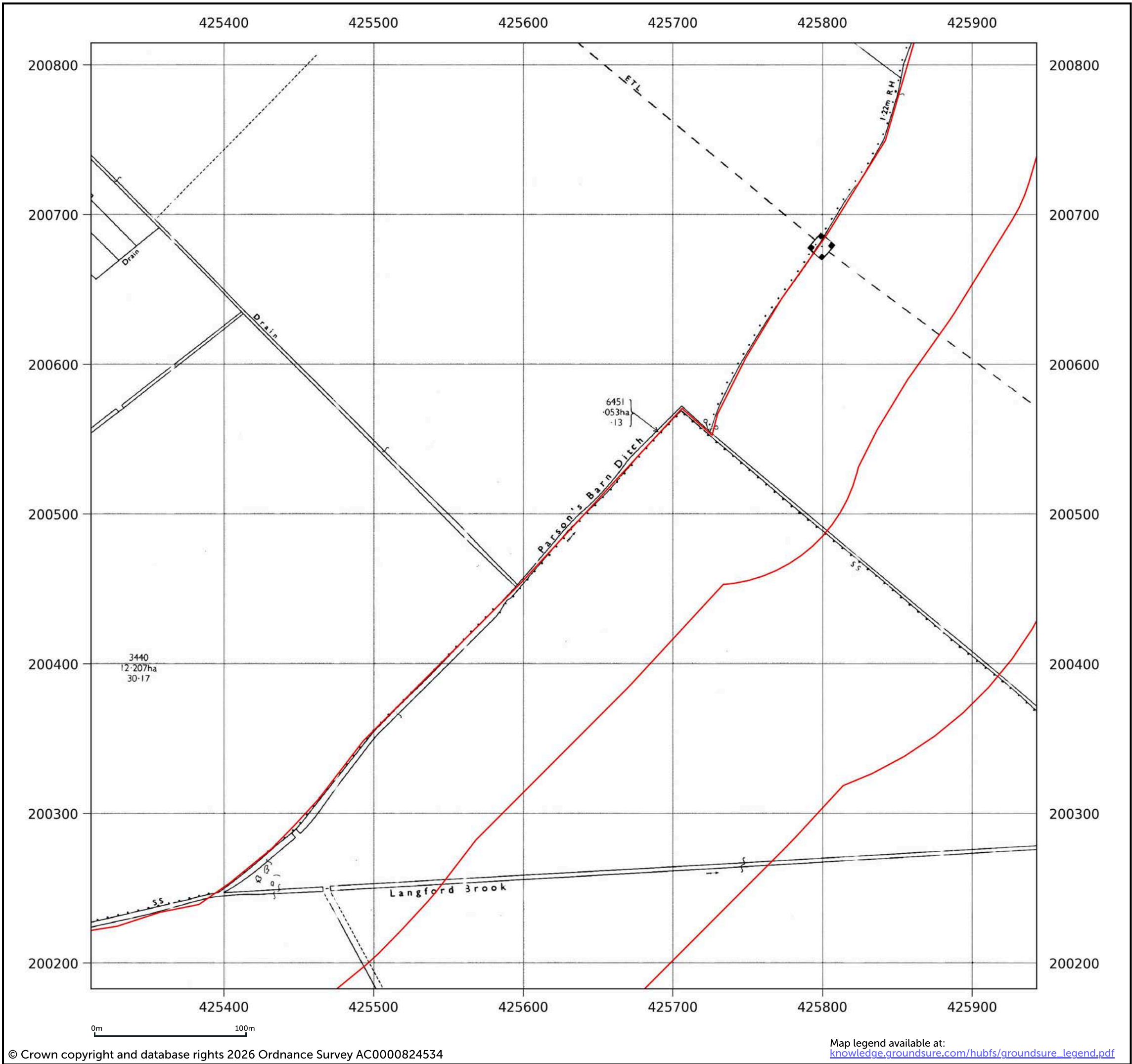


Date: 1971



5_3	6_3	7_3
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5_1	6_1	

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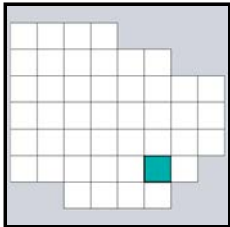


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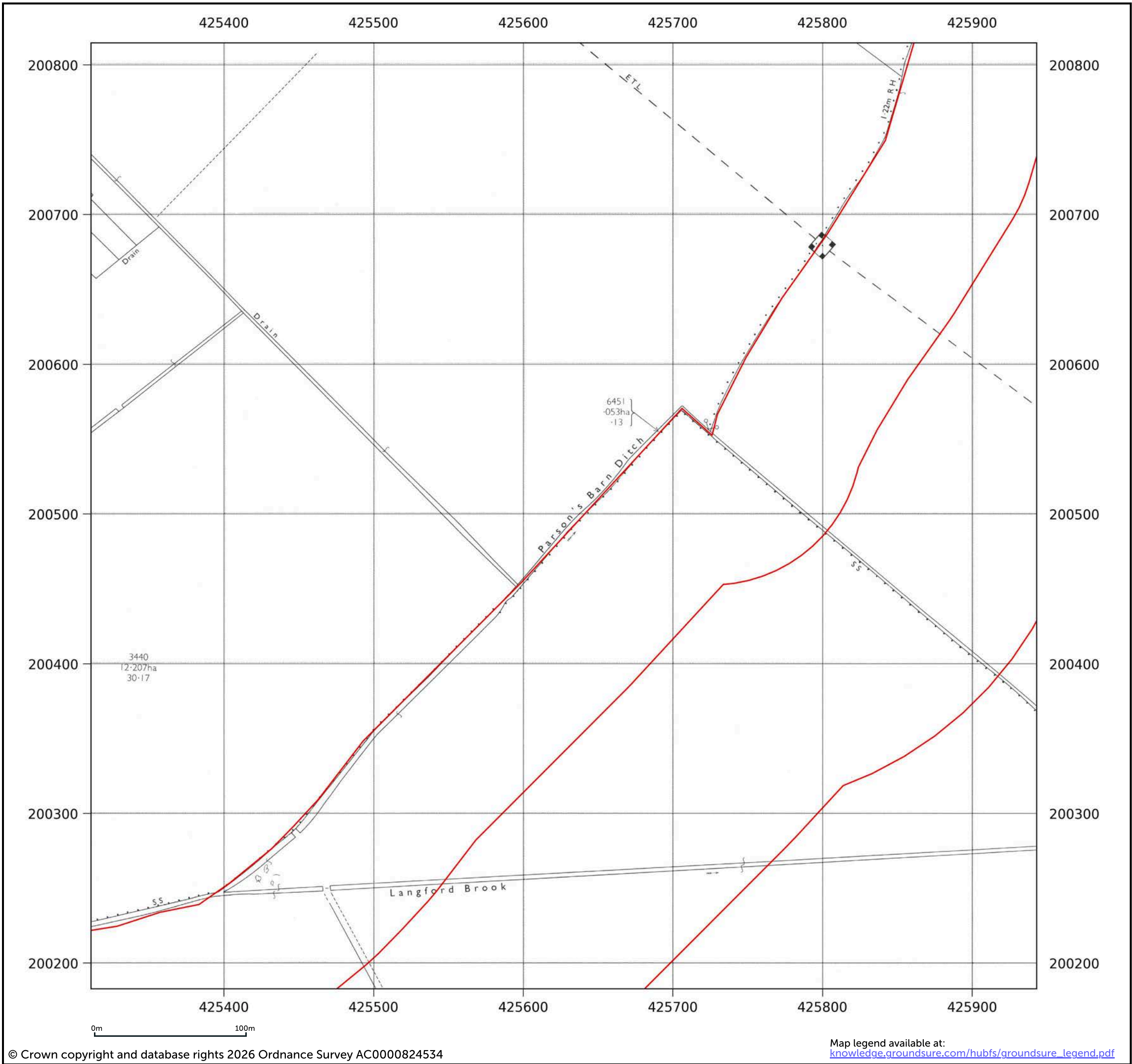


Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953



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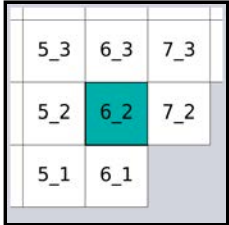
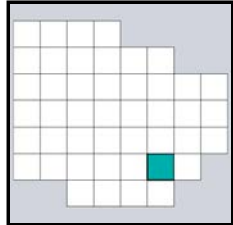


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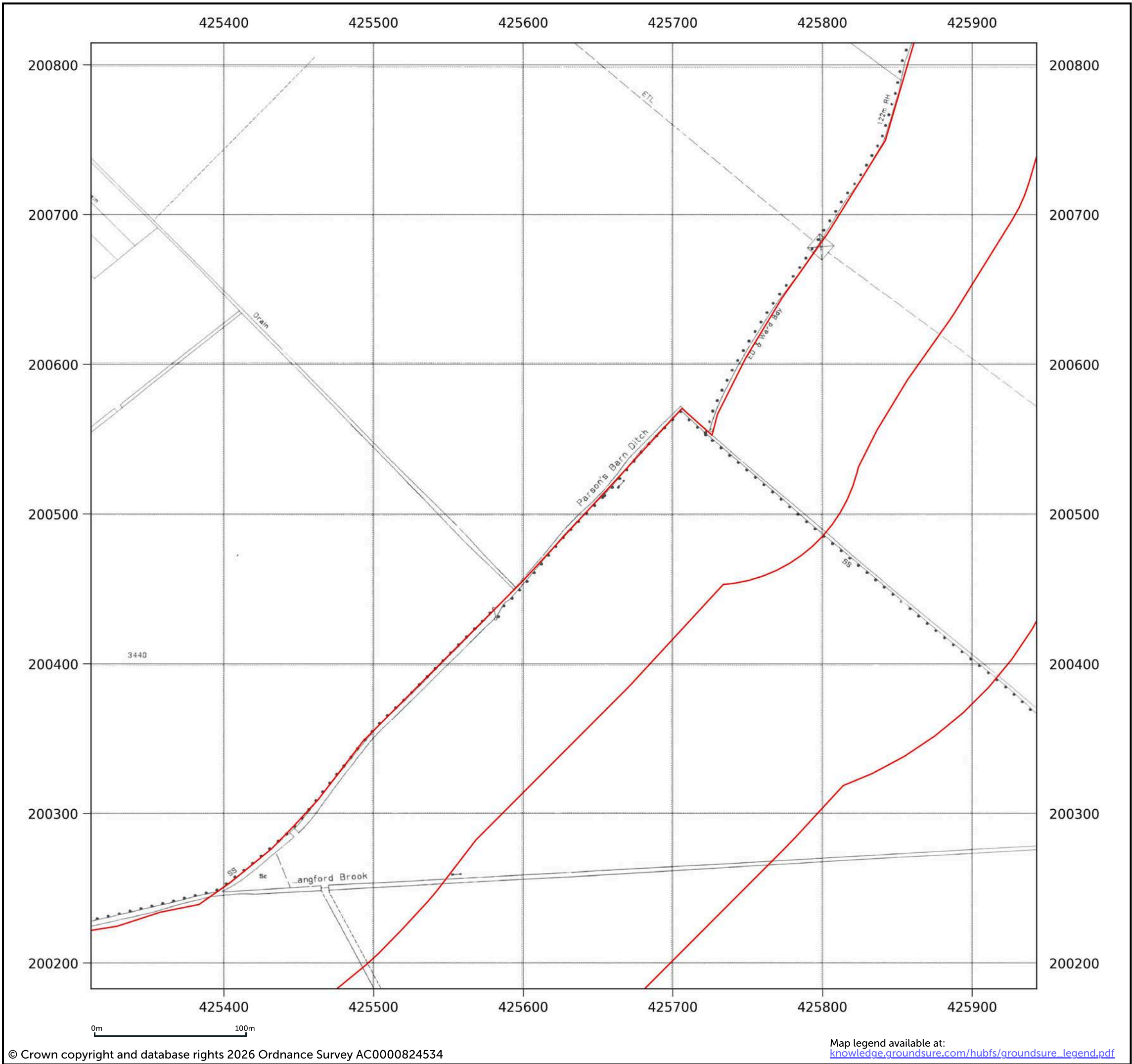
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Surveyed: 1994
Revised: 1994



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info@groundsure.com
01273 257 755



Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500

N

W

E

S

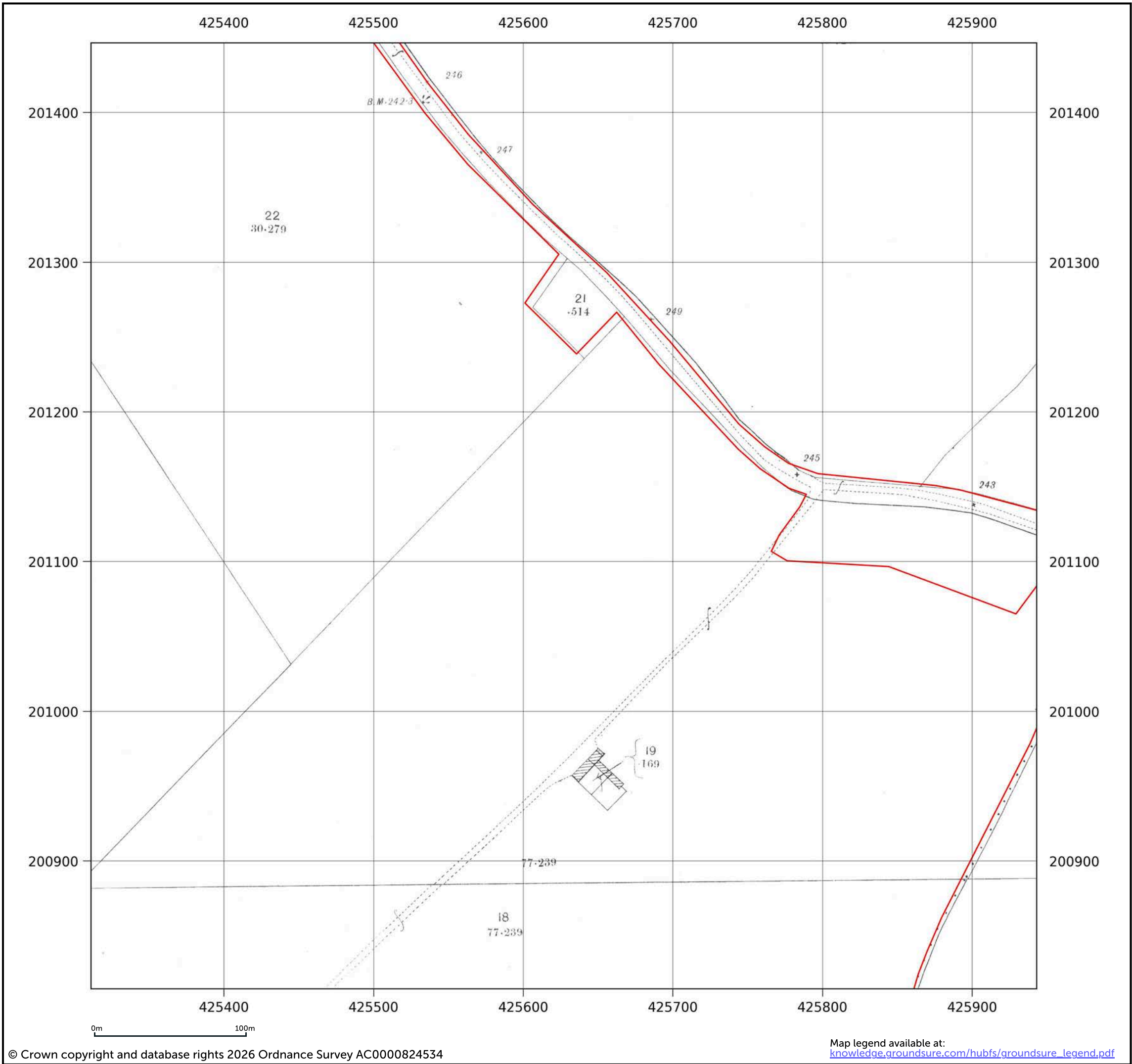
Date: 1899 Surveyed: 1899 Revised: 1899
Date: 1899 Surveyed: 1899 Revised: 1899

A 10x10 grid map showing a site layout. The site is represented by a cluster of white squares on a gray background. A single square in the lower right of the white cluster is highlighted in teal.

5_4	6_4	7_4	
5_3	6_3	7_3	
5_2	6_2	7_2	

A 4x5 grid map showing a site layout. The site is represented by a cluster of white squares on a gray background. A single square in the lower right of the white cluster is highlighted in teal.

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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1921

Scale:

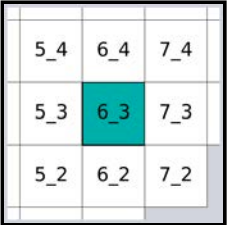
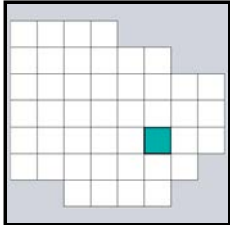
1:2,500

Printed at:

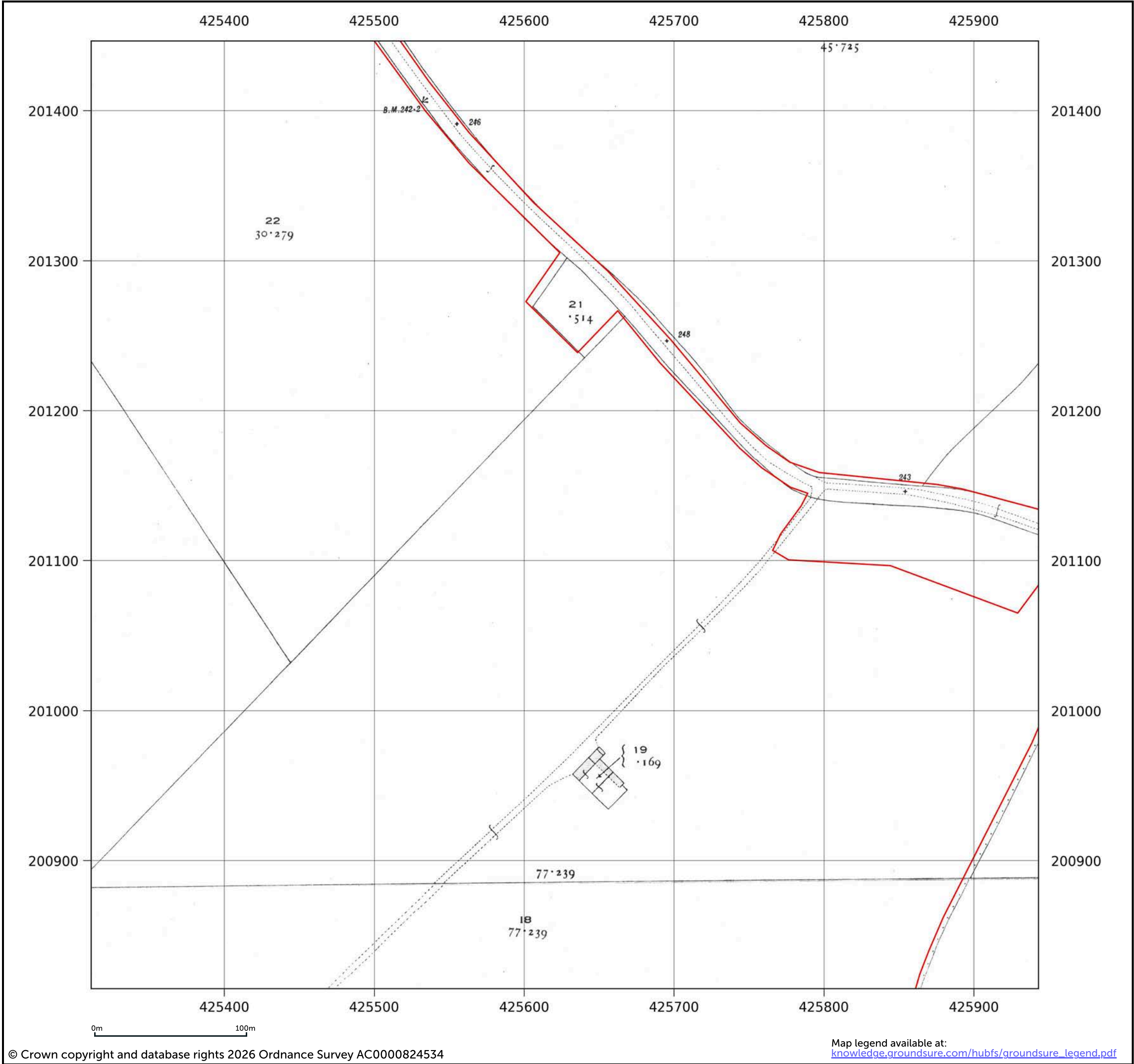
1:2,500

Date: 1921
Surveyed: 1921
Revised: 1921

Date: 1921
Surveyed: 1921
Revised: 1921



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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1971
Scale:	1:2,500
Printed at:	1:2,500

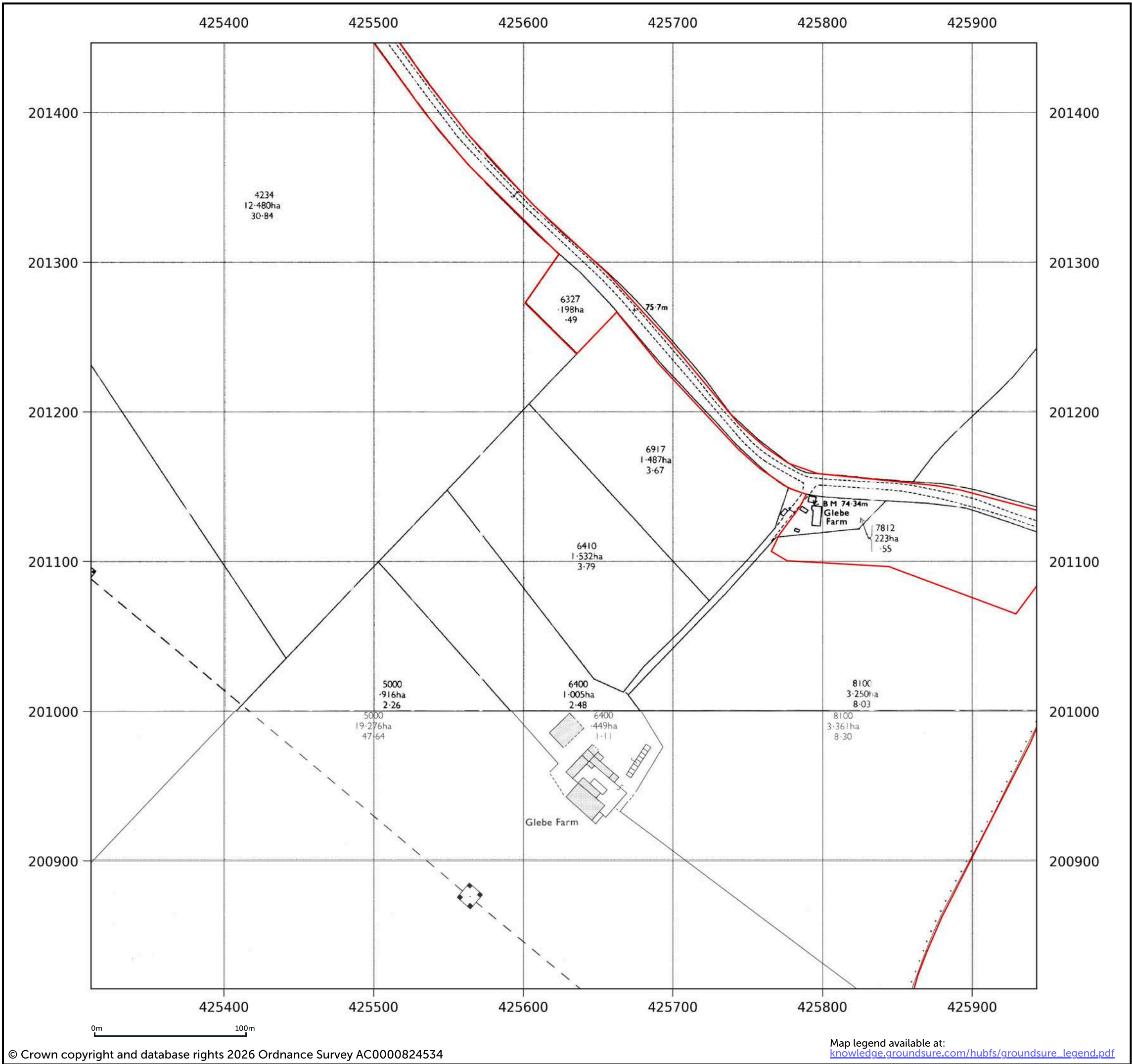


Date: 1971
Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953

A 10x10 grid map showing a site location. The grid is mostly white, with a small teal square at row 6, column 8. The grid is surrounded by a light gray border.

5_4	6_4	7_4	
5_3	6_3	7_3	
5_2	6_2	7_2	

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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

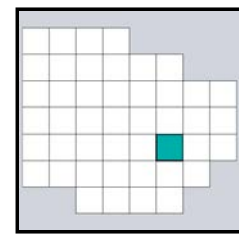
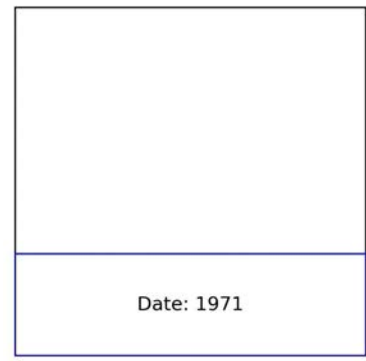
1971

Scale:

1:2,500

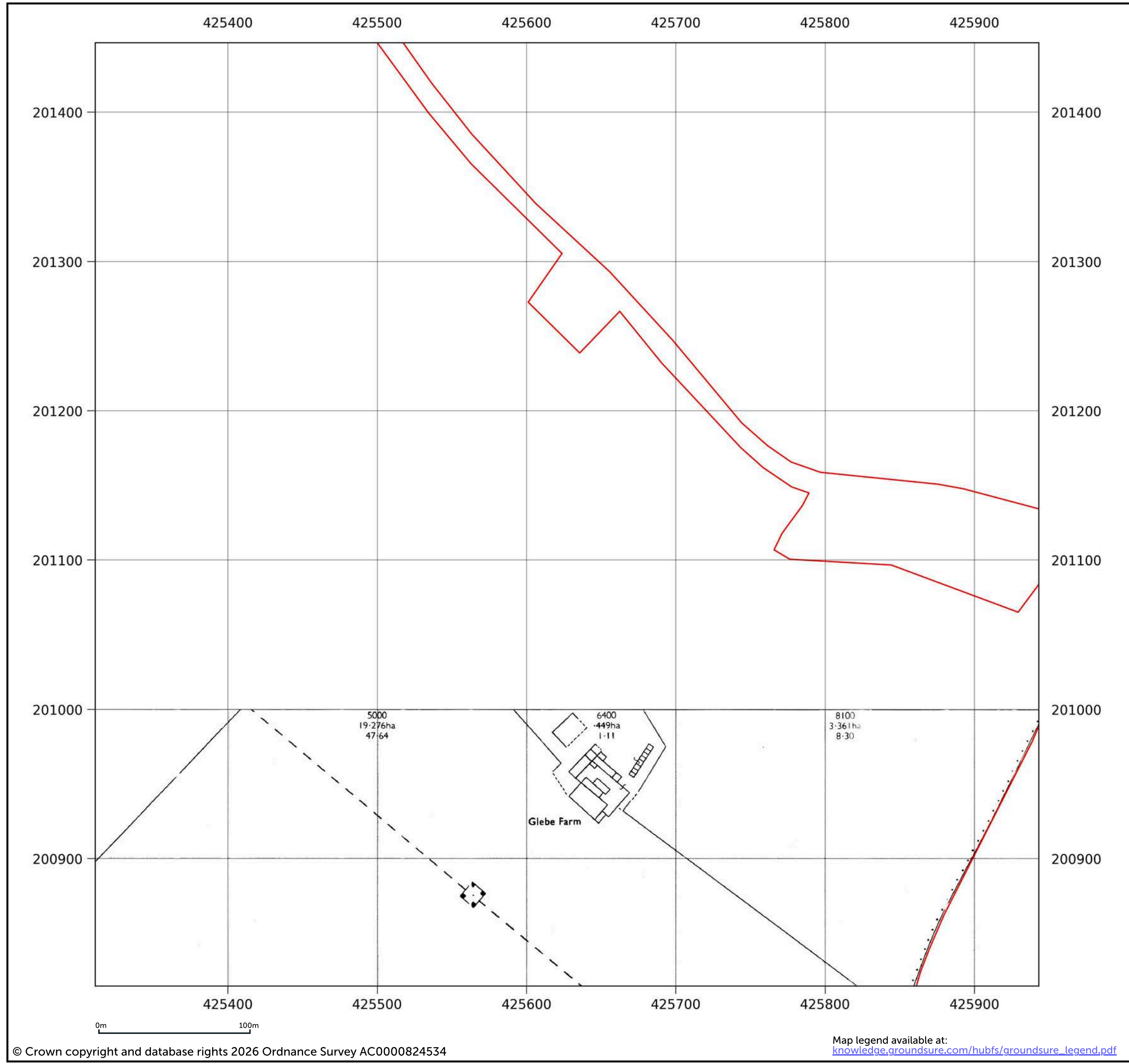
Printed at:

1:2,500



5_4	6_4	7_4
5_3	6_3	7_3
5_2	6_2	7_2

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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500

N

W

E

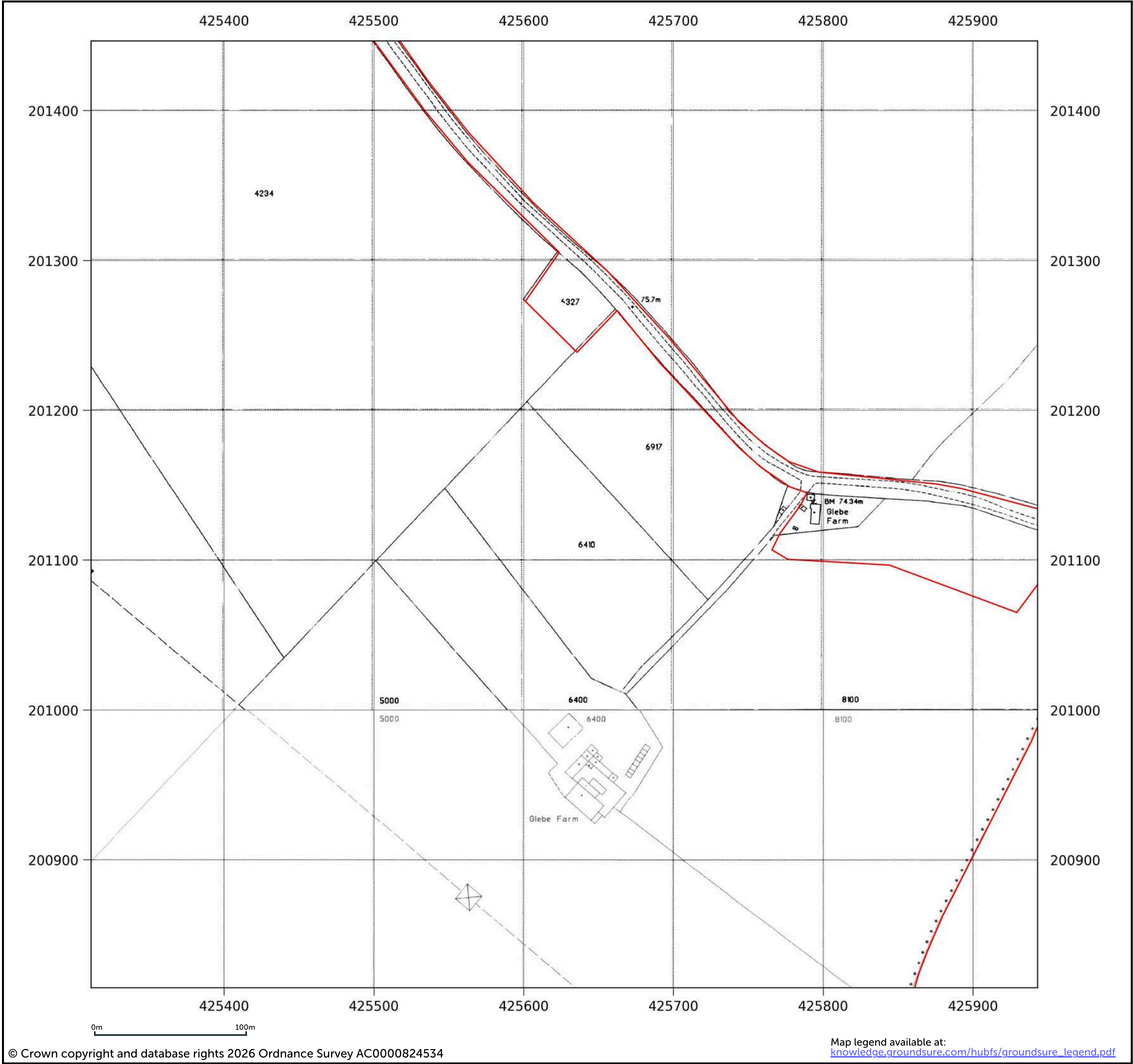
S

Date: 1994
Copyright: 1994

Date: 1994
Surveyed: 1994
Revised: 1994

5_4	6_4	7_4
5_3	6_3	7_3
5_2	6_2	7_2

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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1880

Scale:

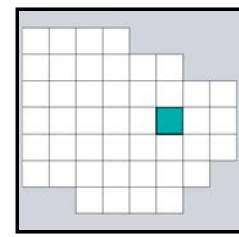
1:2,500

Printed at:

1:2,500



Date: 1880
Surveyed: 1880
Revised: 1880

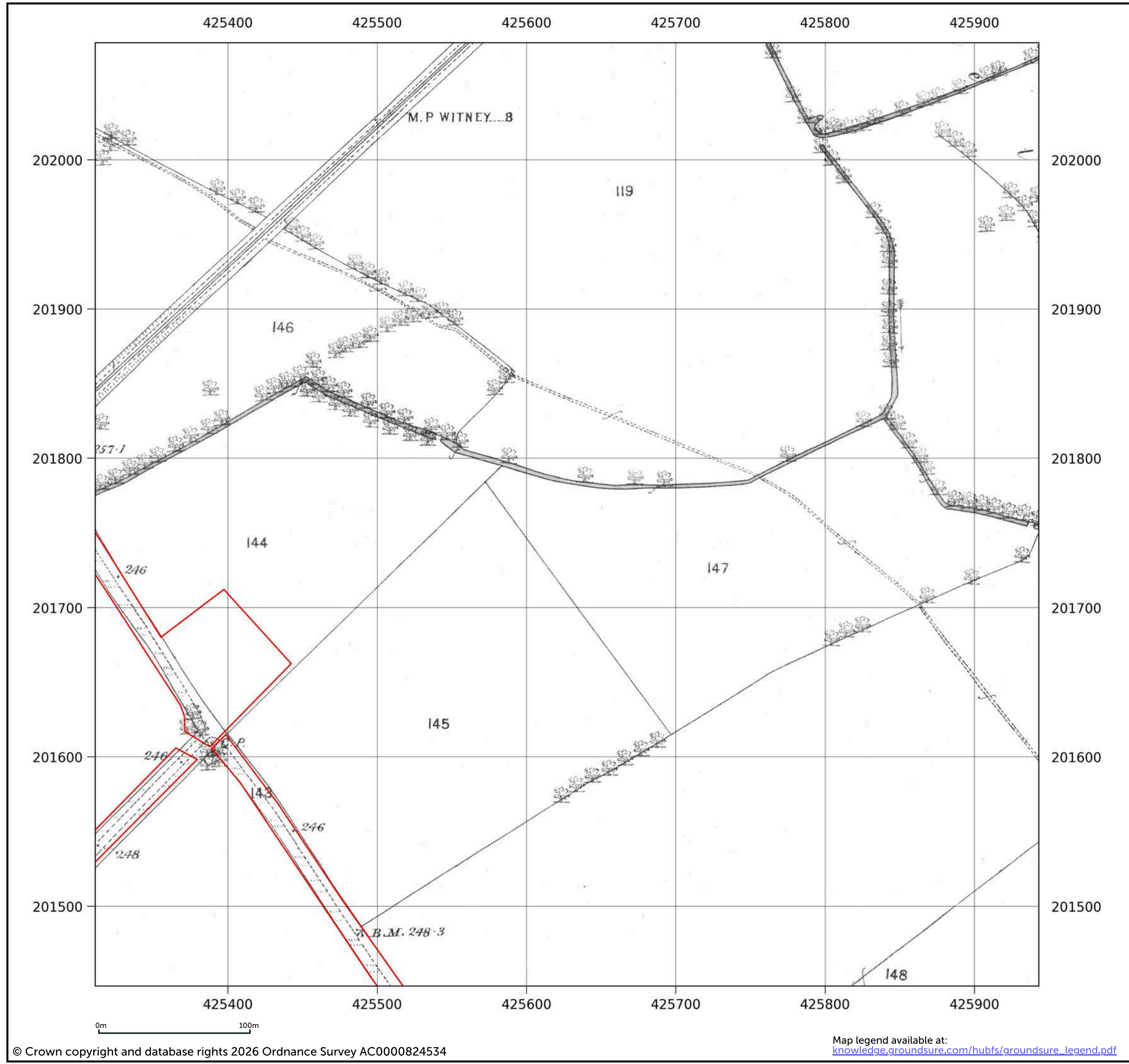


5_5	6_5	7_5
5_4	6_4	7_4
5_3	6_3	7_3

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Map legend available at:

knowledge.groundsure.com/hubfs/groundsure_legend.pdf

Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1899

Scale:

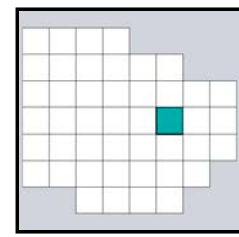
1:2,500

Printed at:

1:2,500



Date: 1899
Surveyed: 1899
Revised: 1899

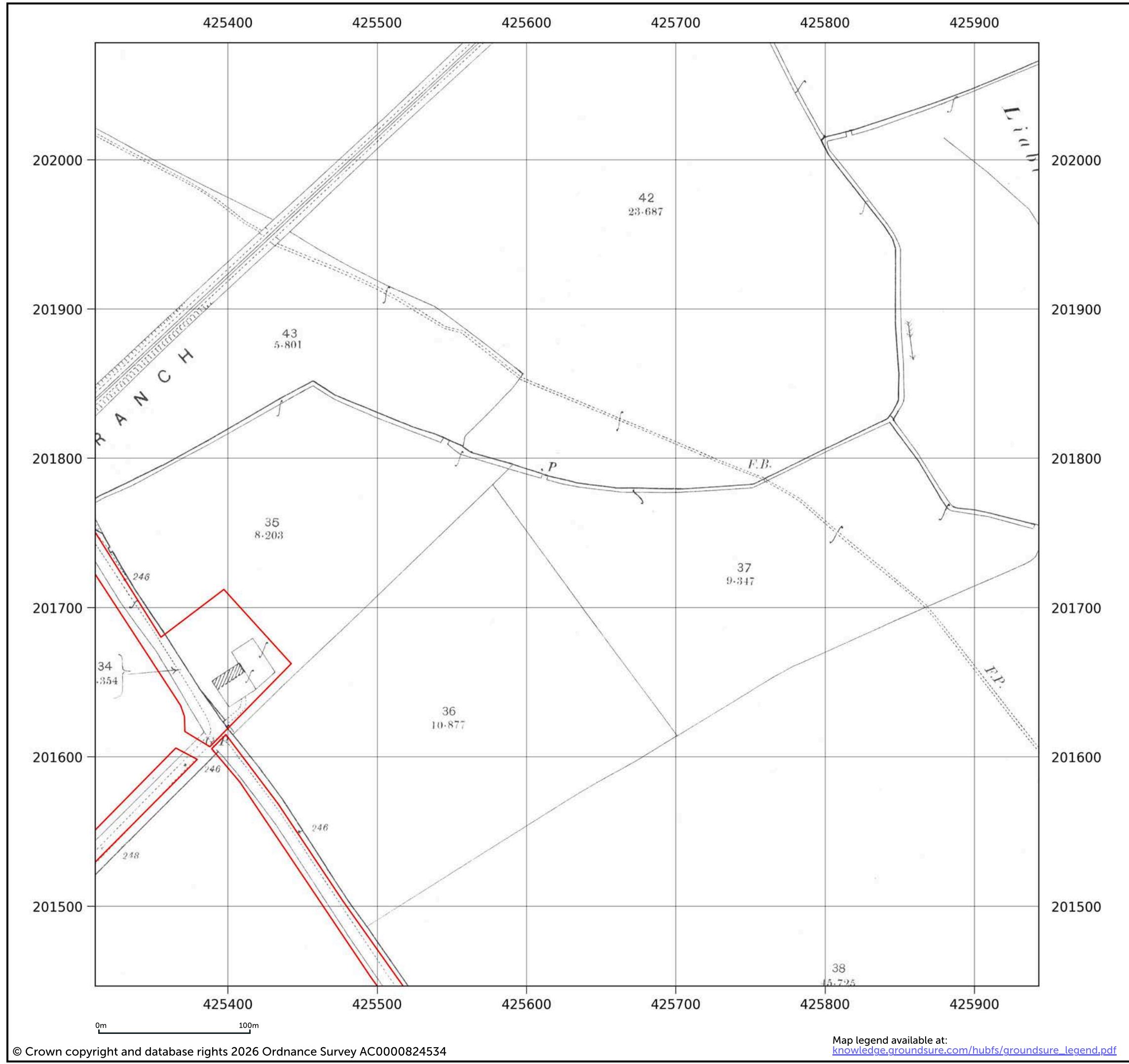


5_5	6_5	7_5
5_4	6_4	7_4
5_3	6_3	7_3

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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1921

Scale:

1:2,500

Printed at:

1:2,500

Date: 1921
Surveyed: 1921
Revised: 1921

5_5

6_5

7_5

5_4

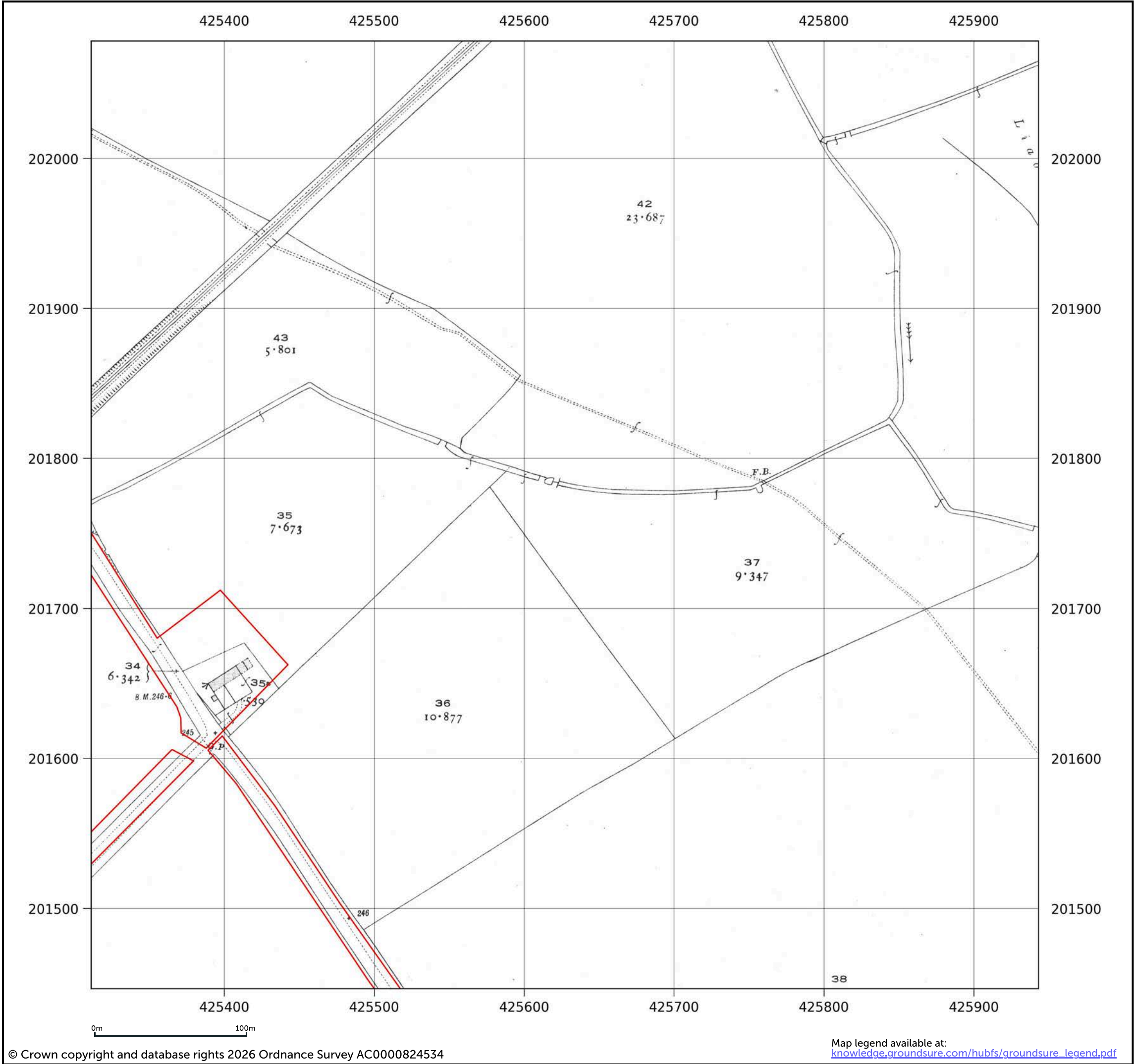
6_4

7_4

5_3

6_3

7_3



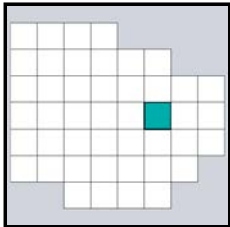
Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

Map name: National Grid
Map date: 1971-1972
Scale: 1:2,500
Printed at: 1:2,500



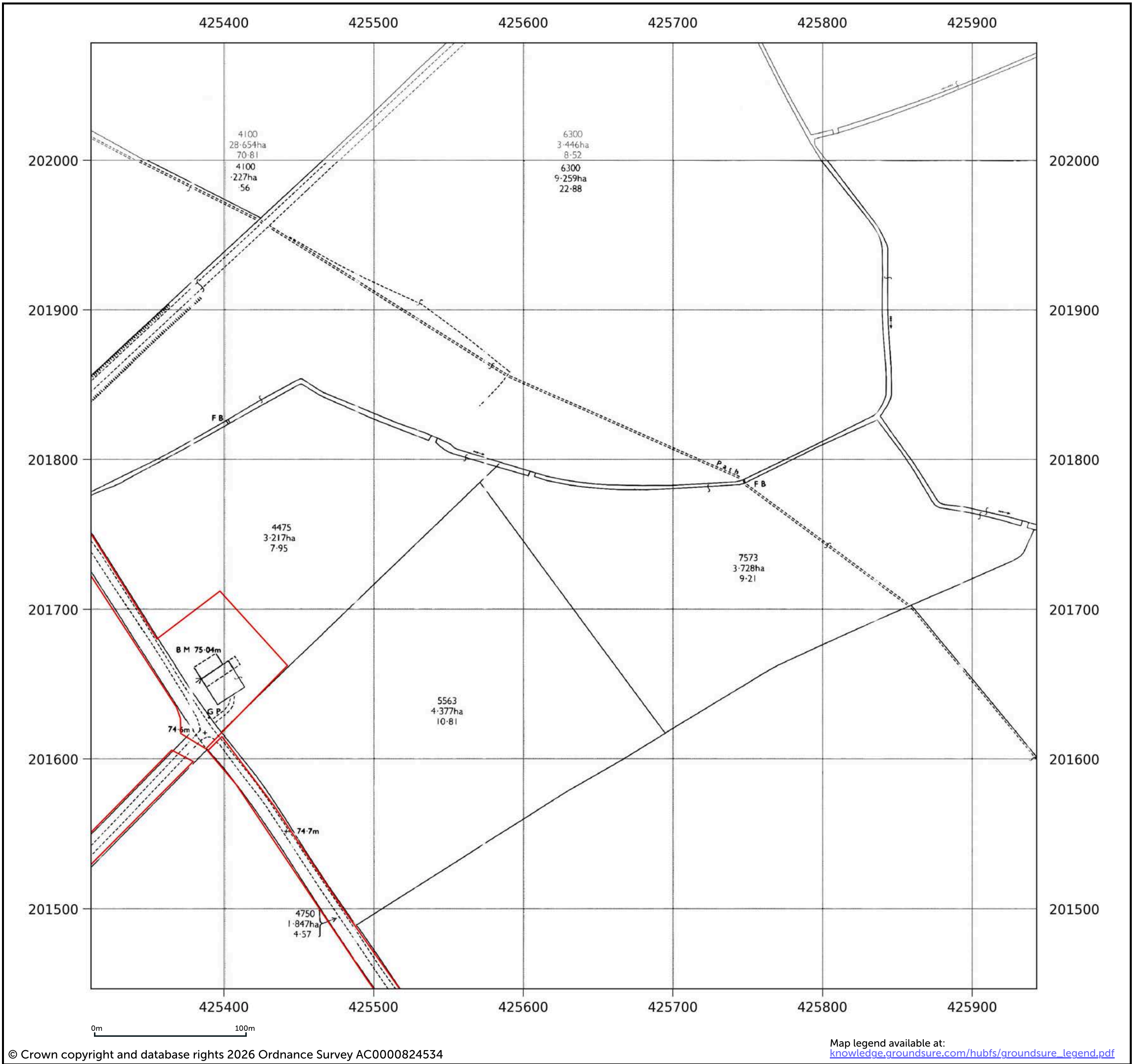
Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953

Date: 1971



5_5	6_5	7_5
5_4	6_4	7_4
5_3	6_3	7_3

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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

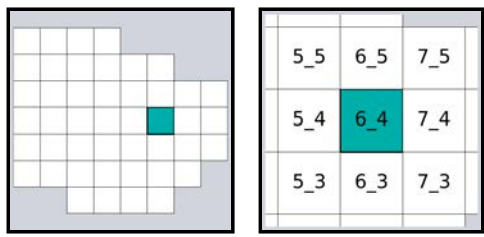
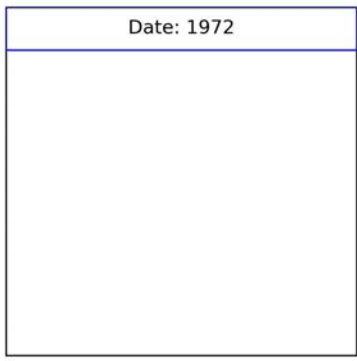
1972

Scale:

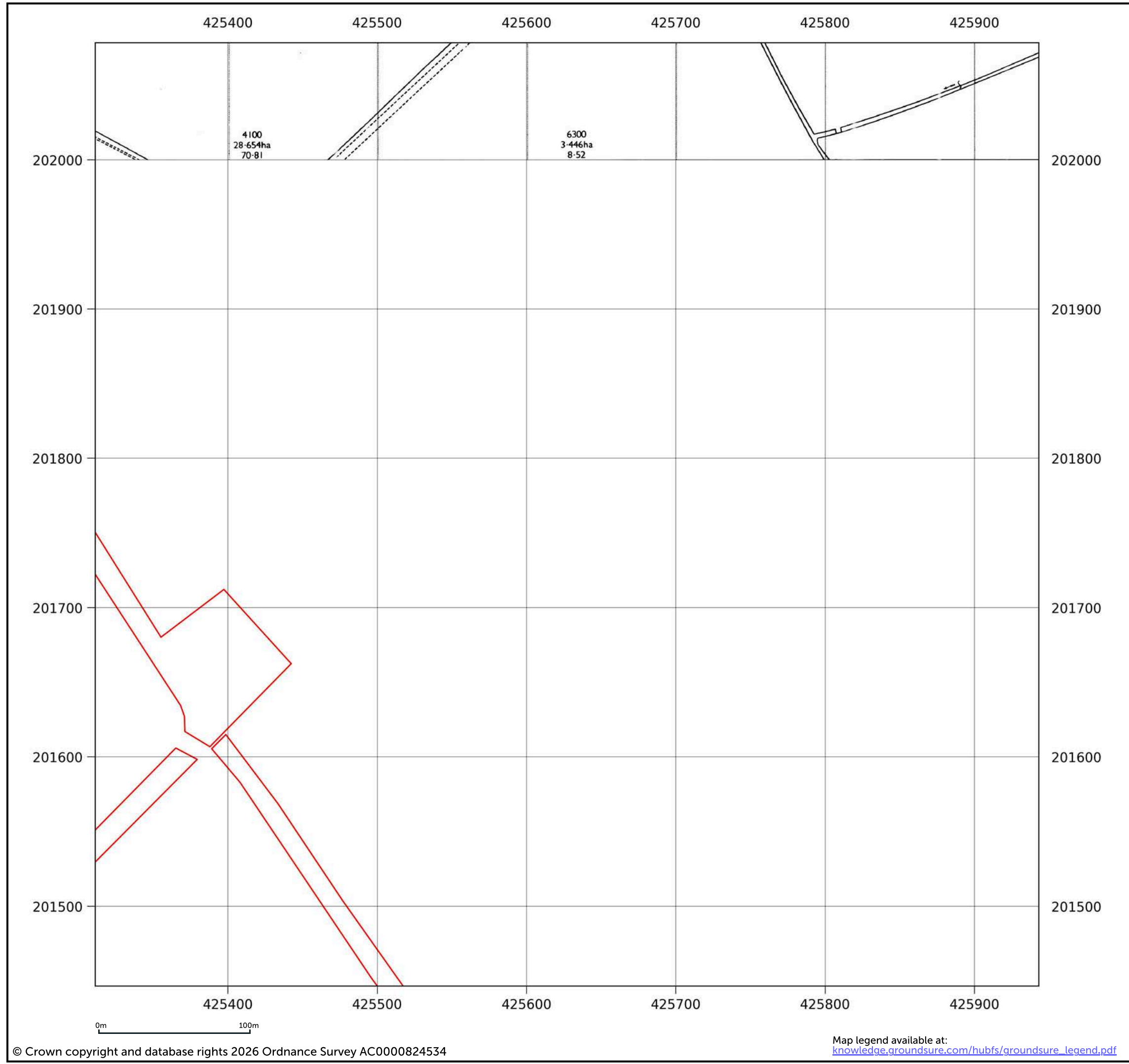
1:2,500

Printed at:

1:2,500



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1994

Scale:

1:2,500

Printed at:

1:2,500

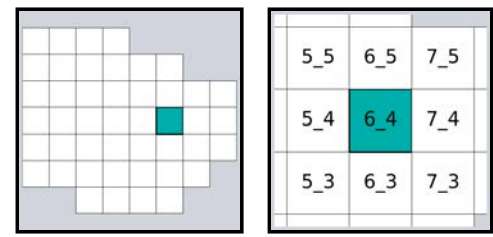


Date: 1994

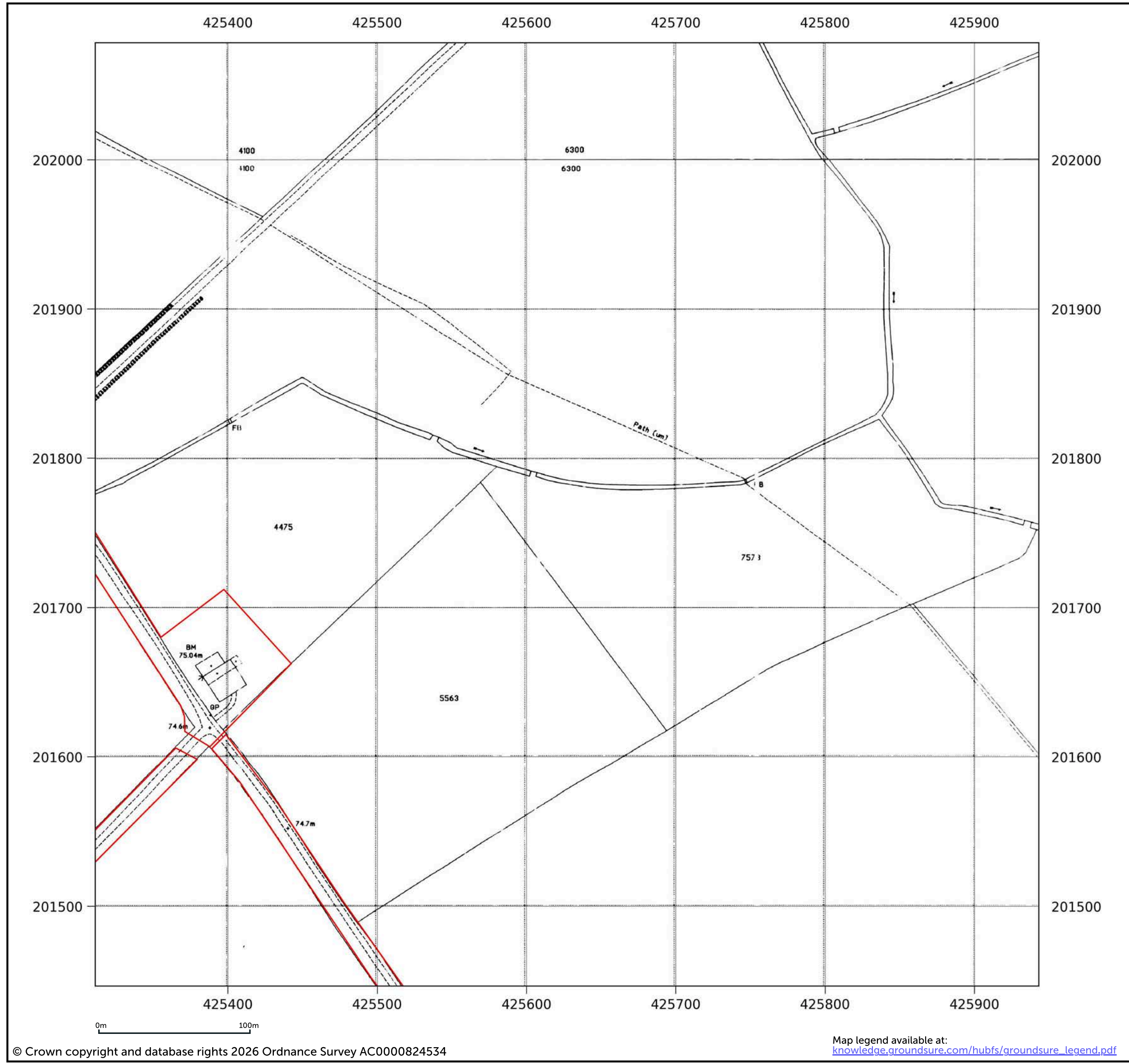
Copyright: 1994

Date: 1994

Copyright: 1994



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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire Energy Park

P25099

GS-NOQ-K5K-LGD-2A4

424416.47, 201608

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

1880

1:2,500

1:2,500

Date: 1880

Surveyed: 1880

Revised: 1880

Date: 1880

Surveyed: 1880

Revised: 1880

5_6

6_6

5_5

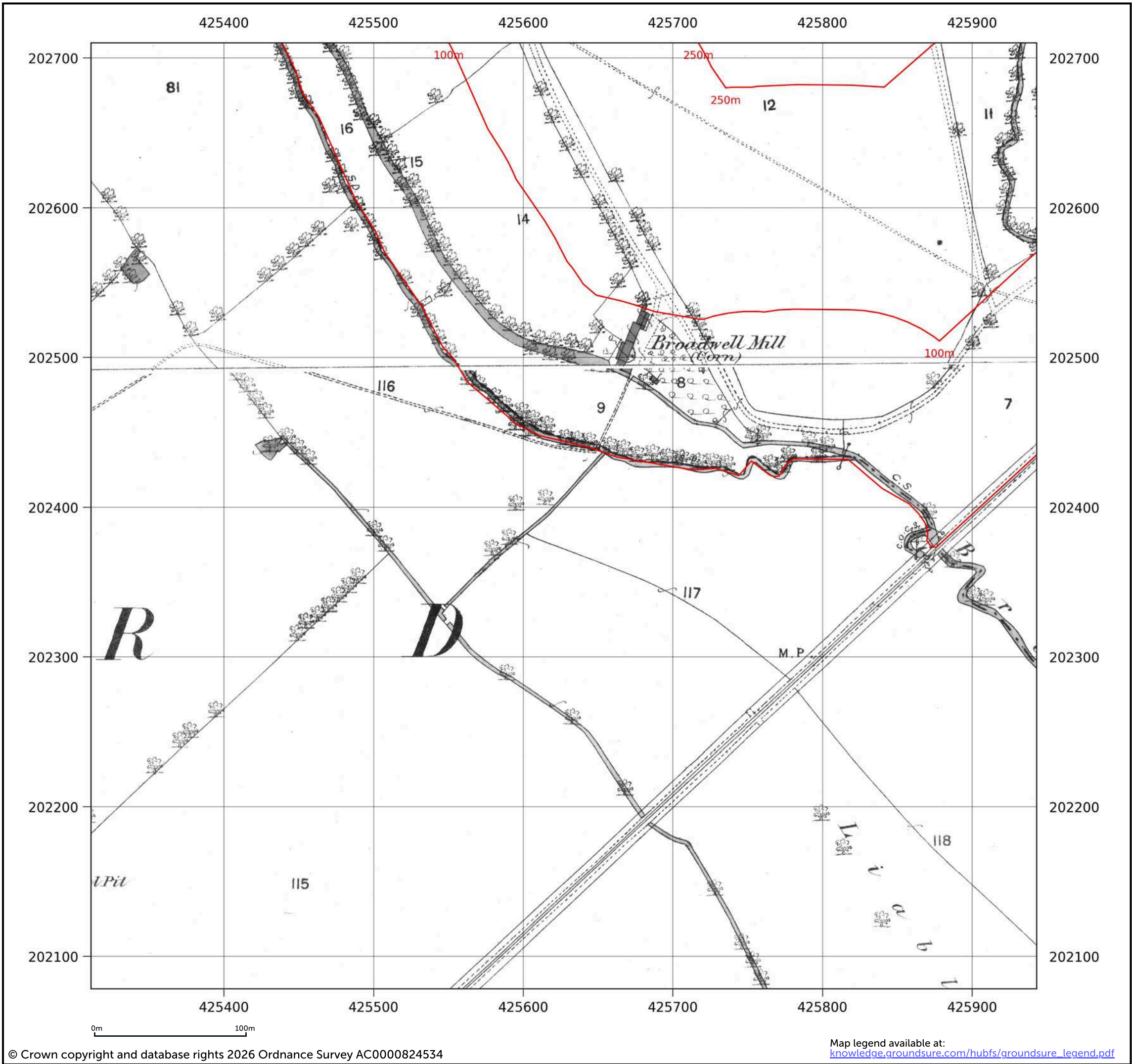
6_5

7_5

5_4

6_4

7_4



Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire Energy Park

P25099

GS-NOQ-K5K-LGD-2A4

424416.47, 201608

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

1899

1:2,500

1:2,500

Date: 1899

Surveyed: 1899

Revised: 1899

Date: 1899

Surveyed: 1899

Revised: 1899

5_6

6_6

5_5

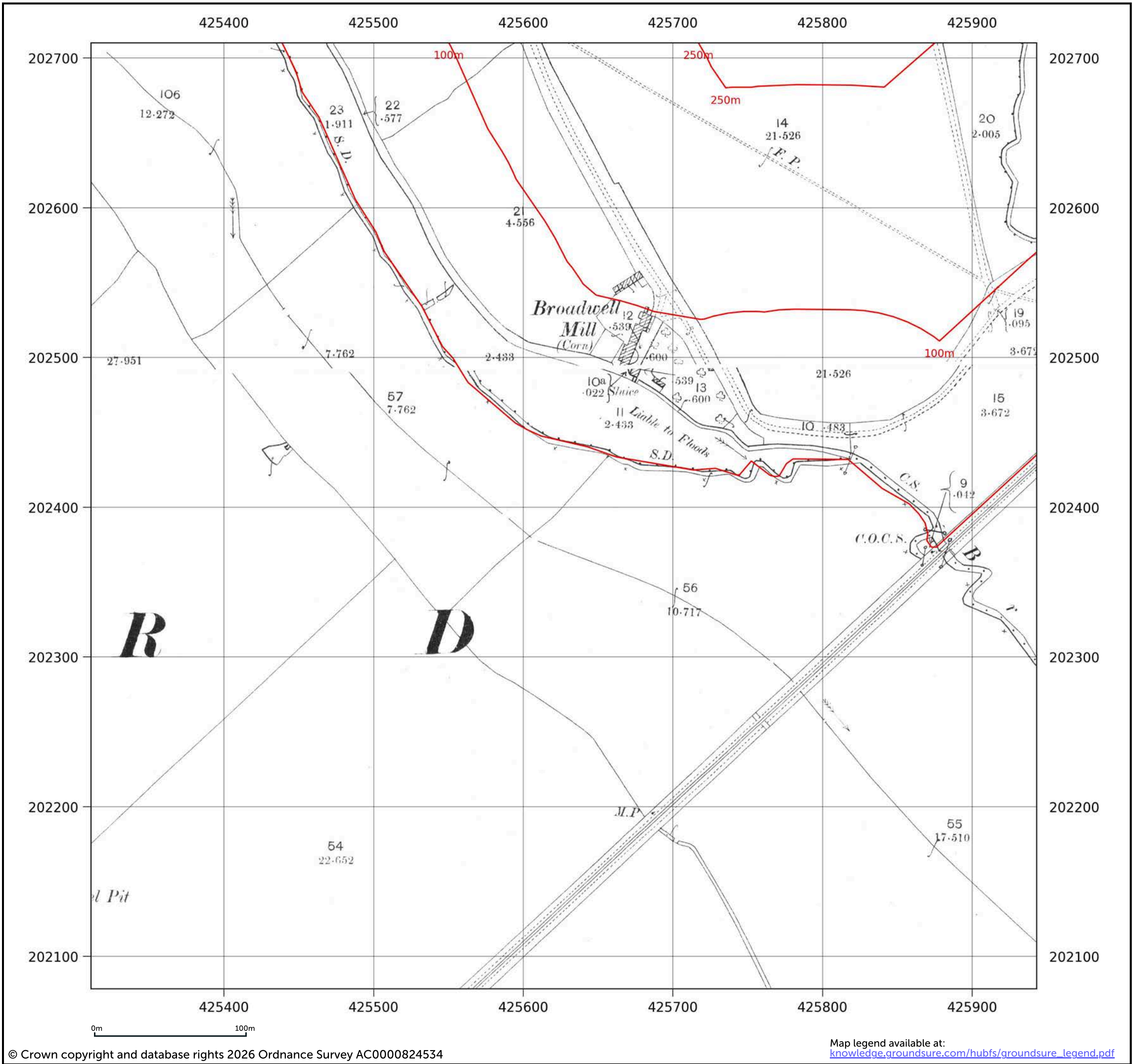
6_5

7_5

5_4

6_4

7_4



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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire Energy Park

P25099

GS-NOQ-K5K-LGD-2A4

424416.47, 201608

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

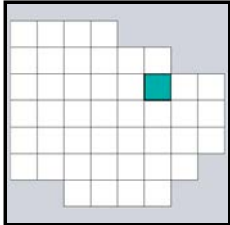
1921

1:2,500

1:2,500

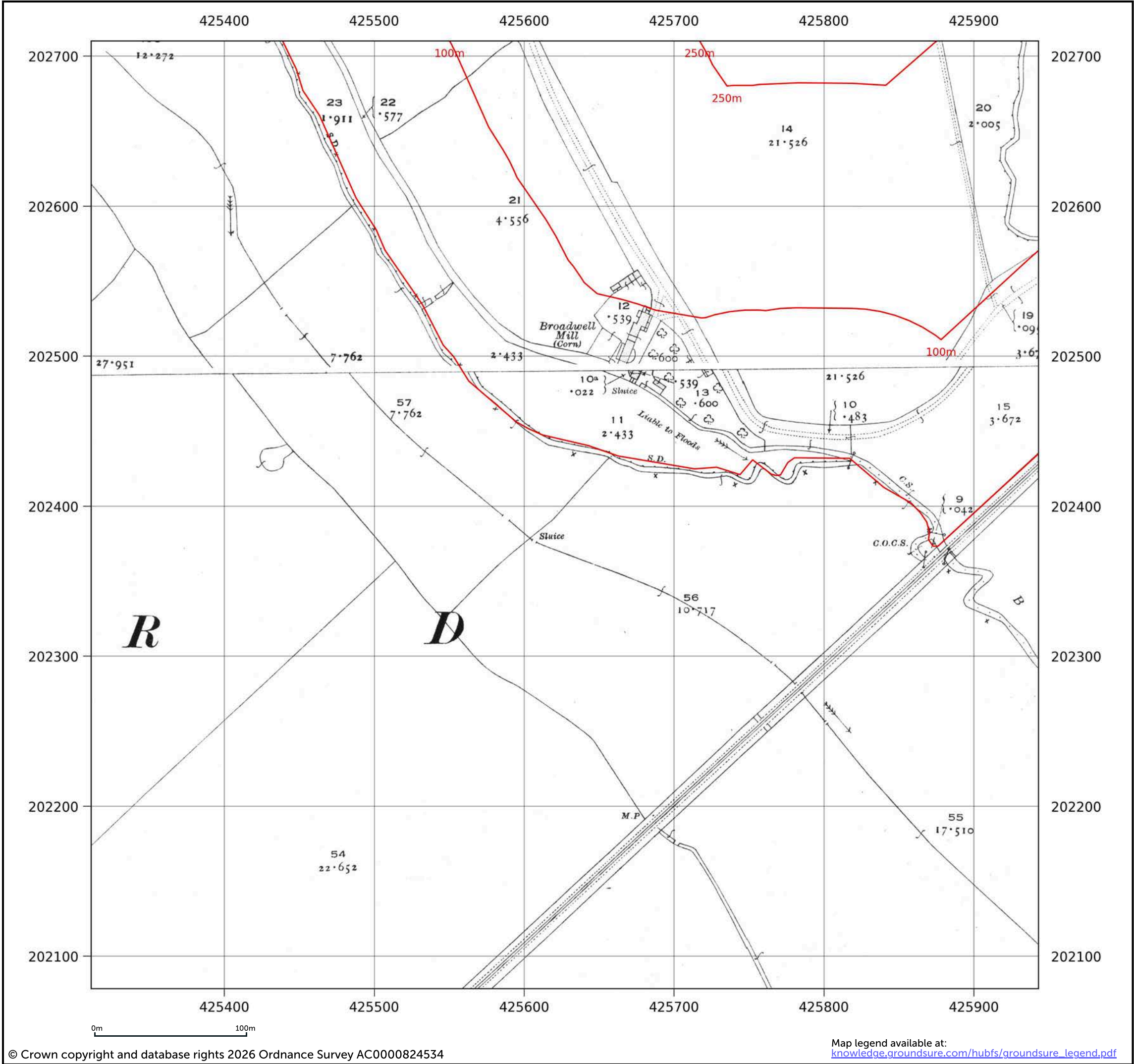
Date: 1921
Surveyed: 1921
Revised: 1921

Date: 1921
Surveyed: 1921
Revised: 1921



5_6	6_6	
5_5	6_5	7_5
5_4	6_4	7_4

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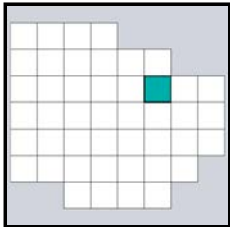


Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

Map name: National Grid
Map date: 1972
Scale: 1:2,500
Printed at: 1:2,500

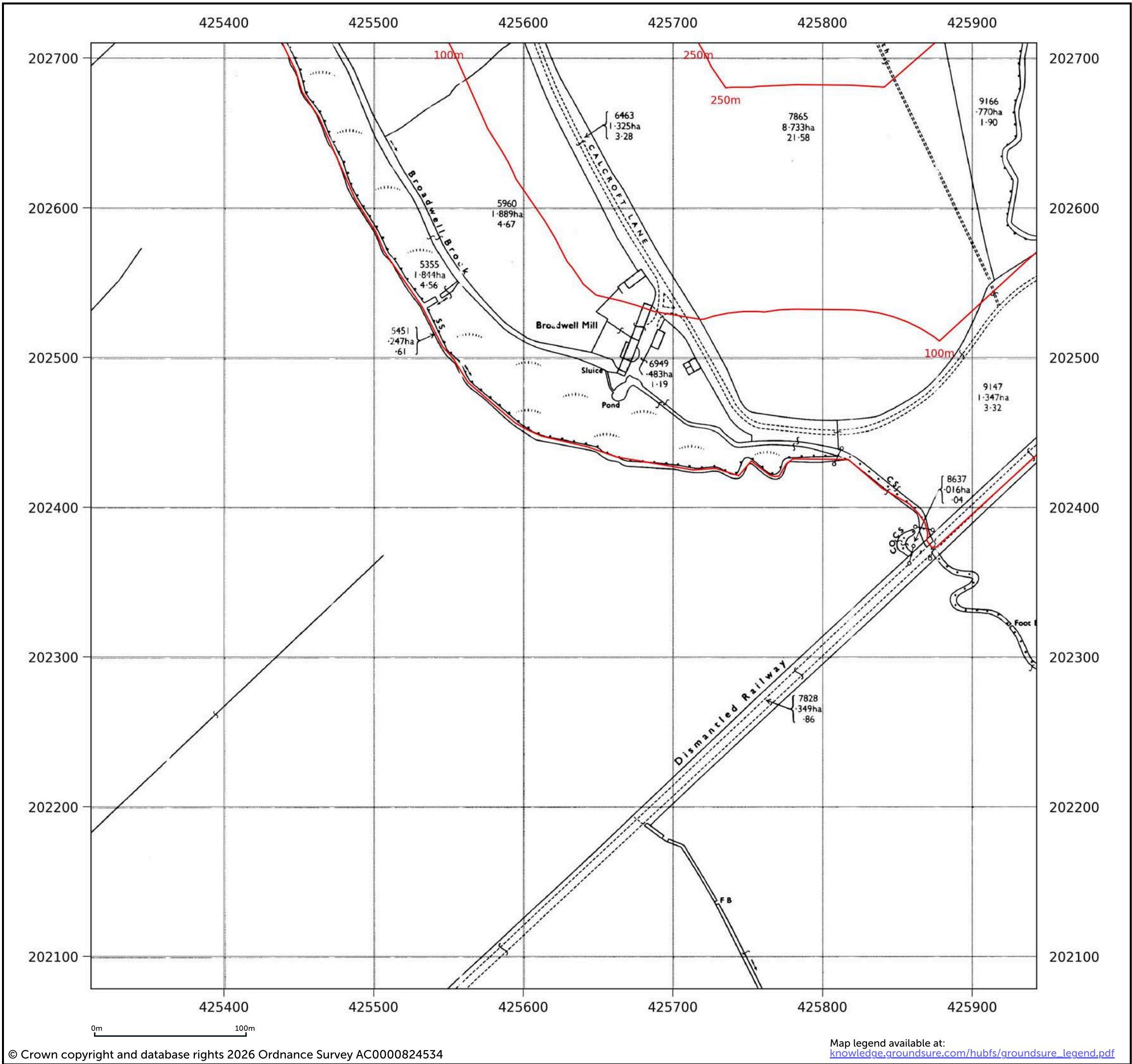


Date: 1972



5_6	6_6	
5_5	6_5	7_5
5_4	6_4	7_4

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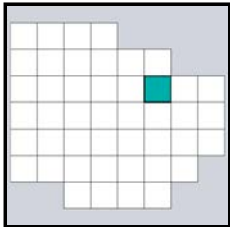


Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

Map name: National Grid
Map date: 1972
Scale: 1:2,500
Printed at: 1:2,500

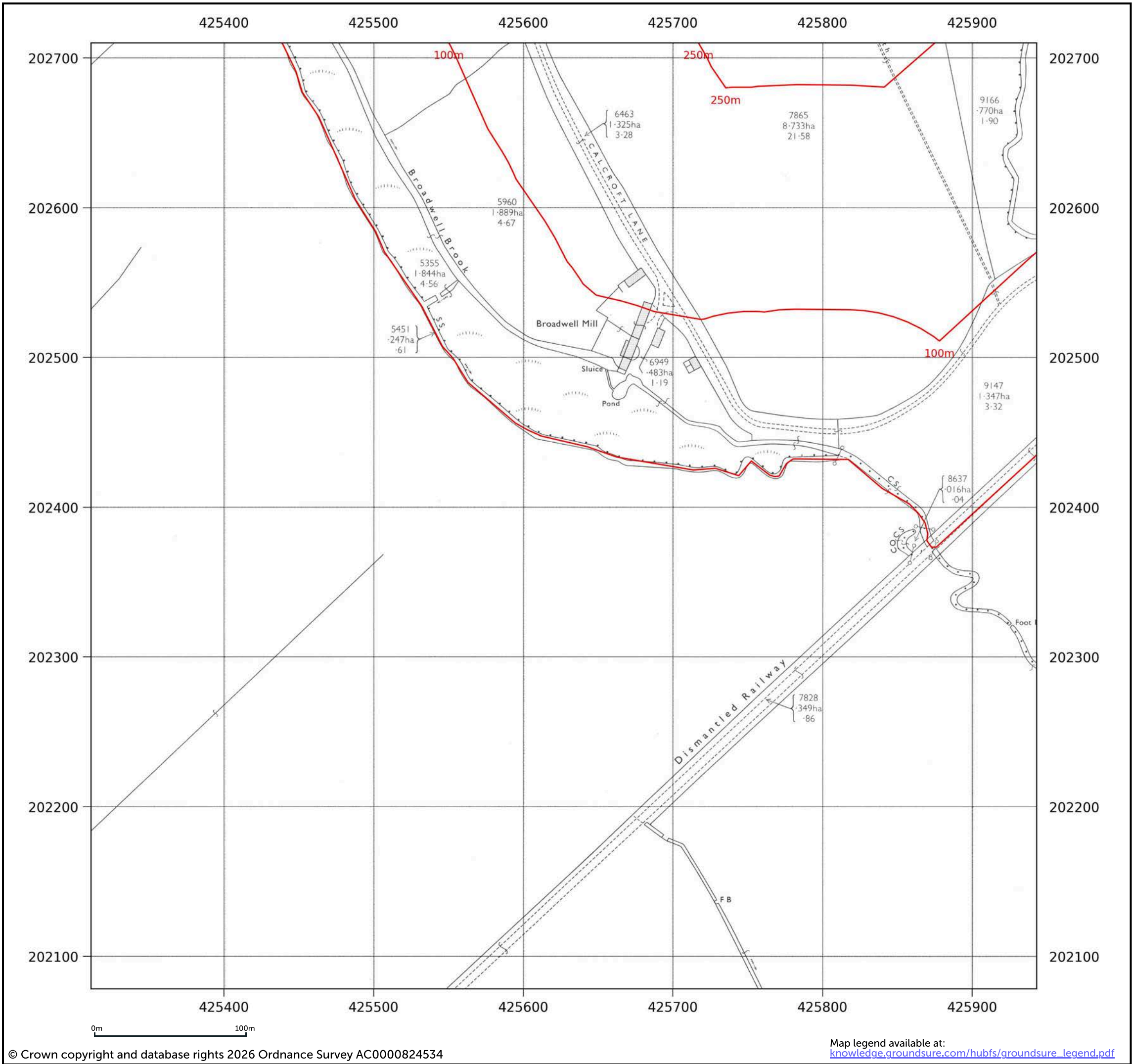


Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953



5_6	6_6	
5_5	6_5	7_5
5_4	6_4	7_4

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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

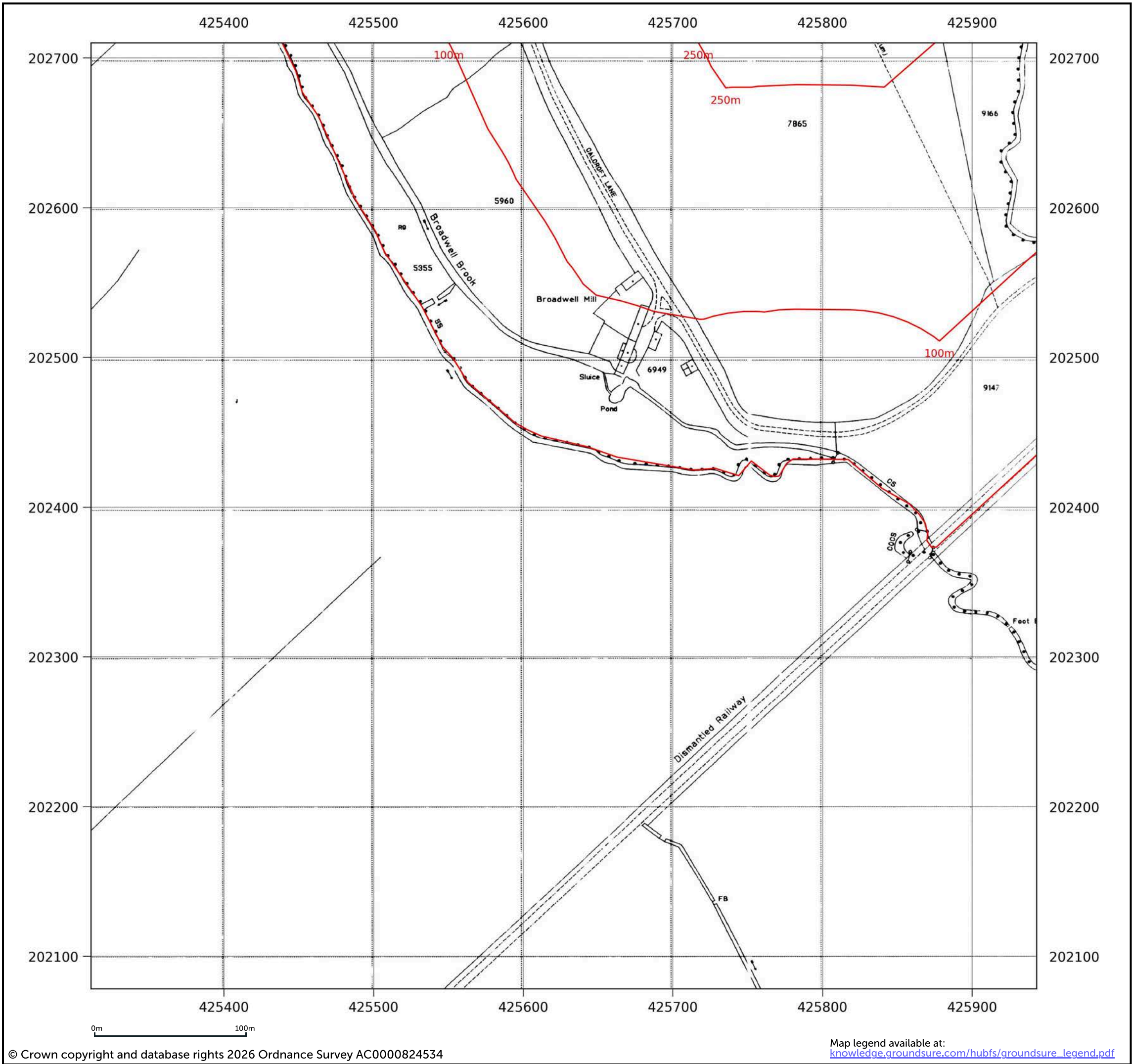
Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500



Date: 1994
Copyright: 1994

5_6	6_6	
5_5	6_5	7_5
5_4	6_4	7_4

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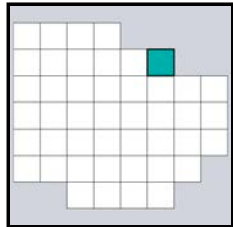
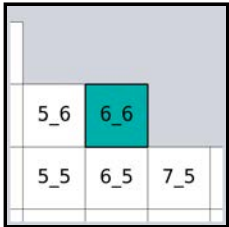


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

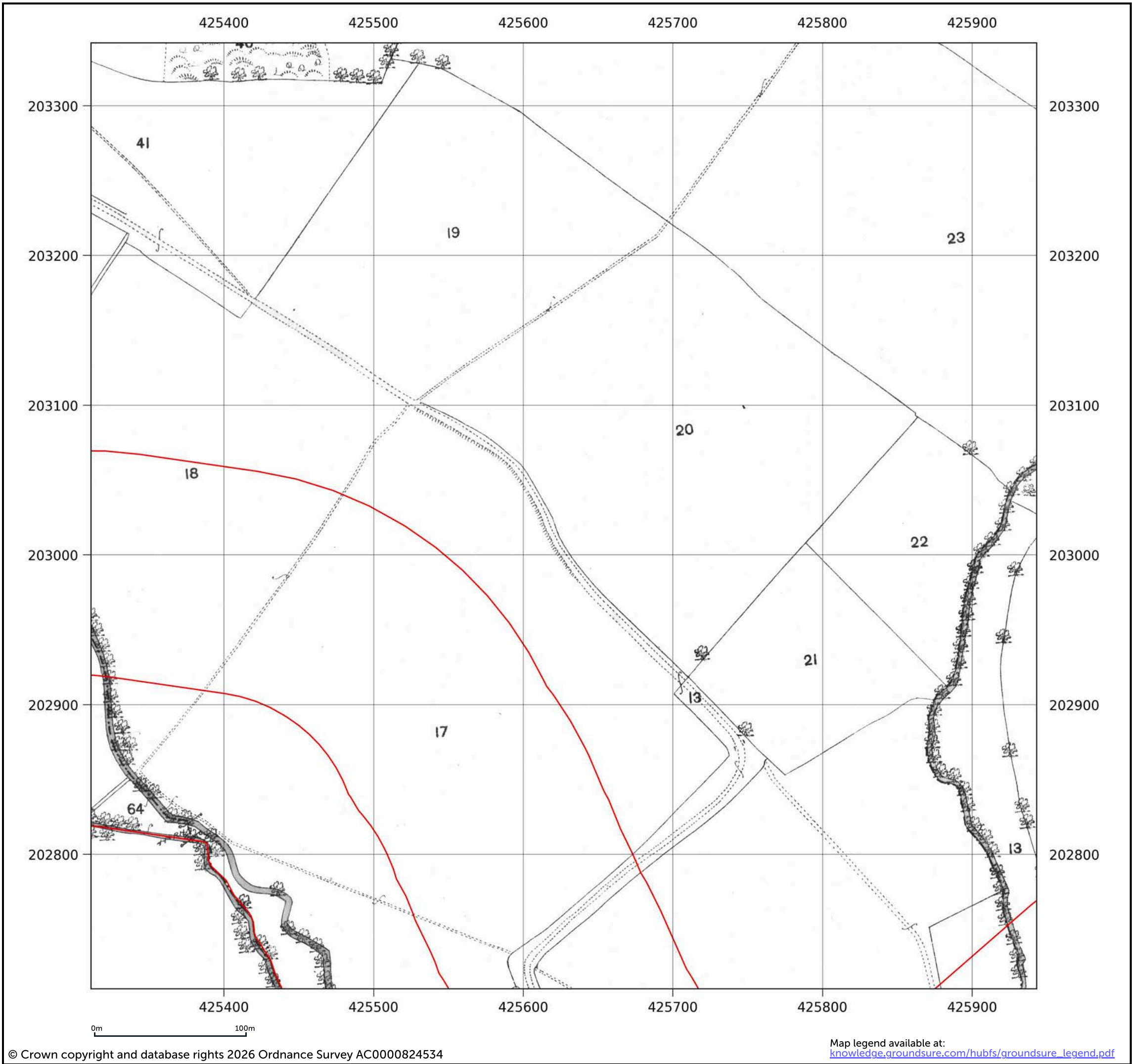
Map name:	County Series
Map date:	1880
Scale:	1:2,500
Printed at:	1:2,500



Date: 1880 Surveyed: 1880 Revised: 1880

	
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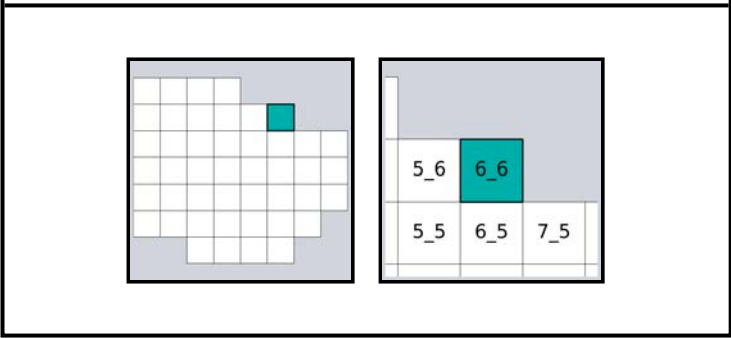


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

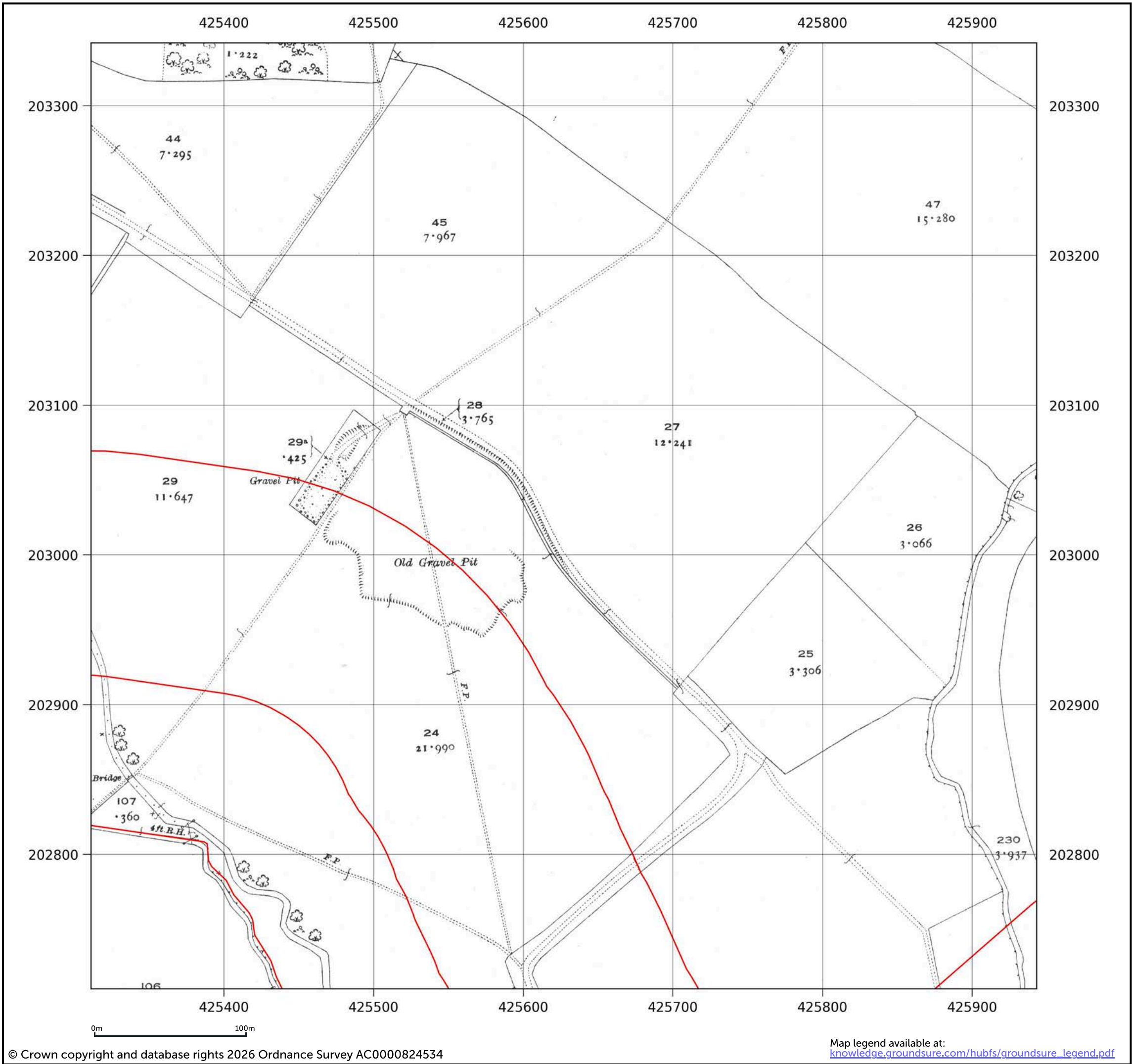
Map name:	County Series
Map date:	1921
Scale:	1:2,500
Printed at:	1:2,500

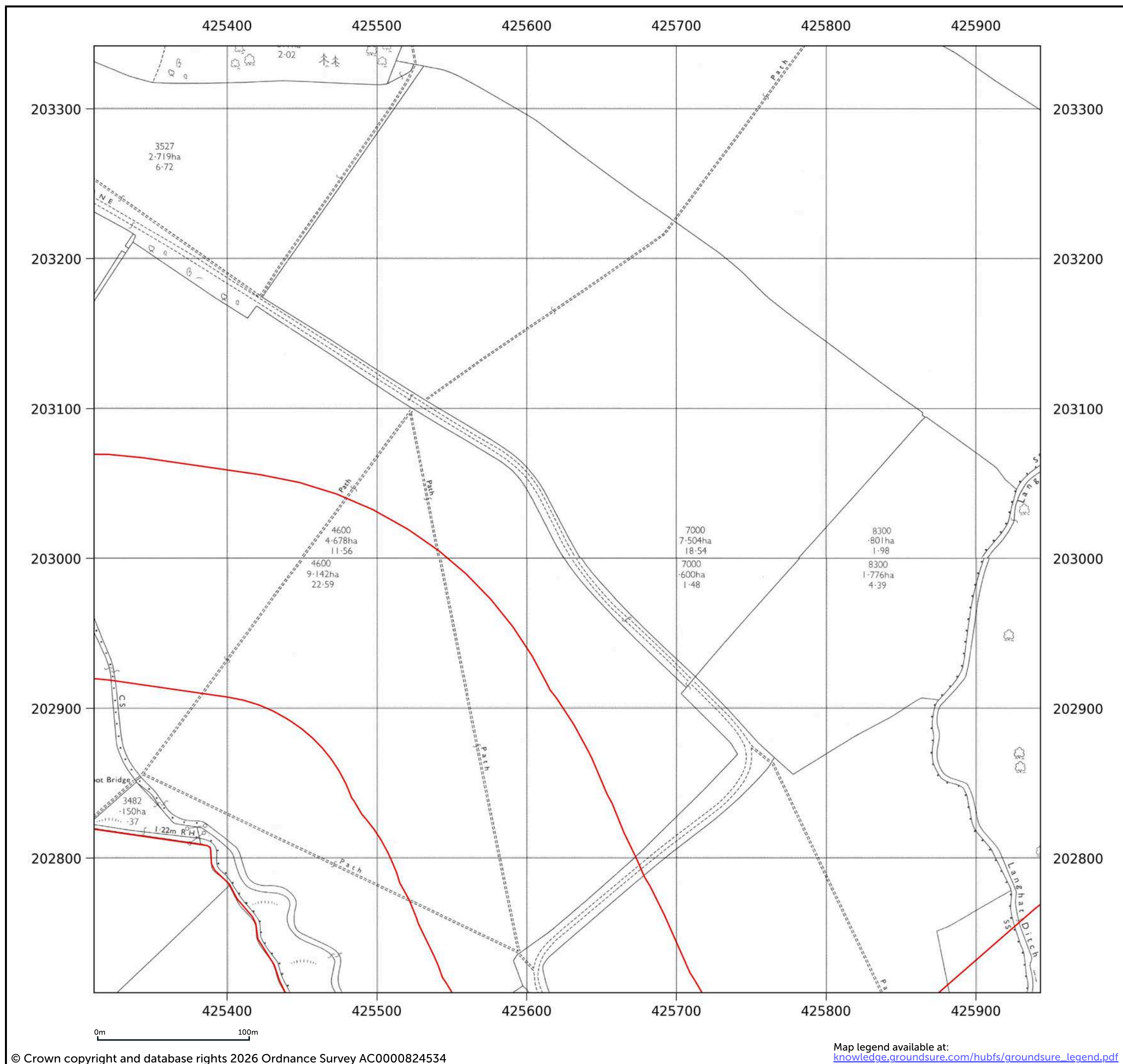


Date: 1921 Surveyed: 1921 Revised: 1921



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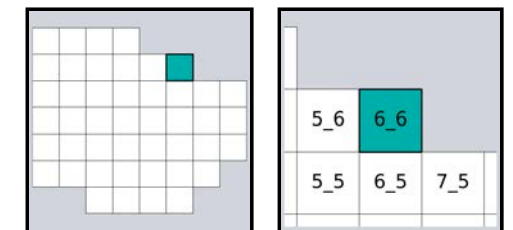
Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1972
Scale:	1:2,500
Printed at:	1:2,500



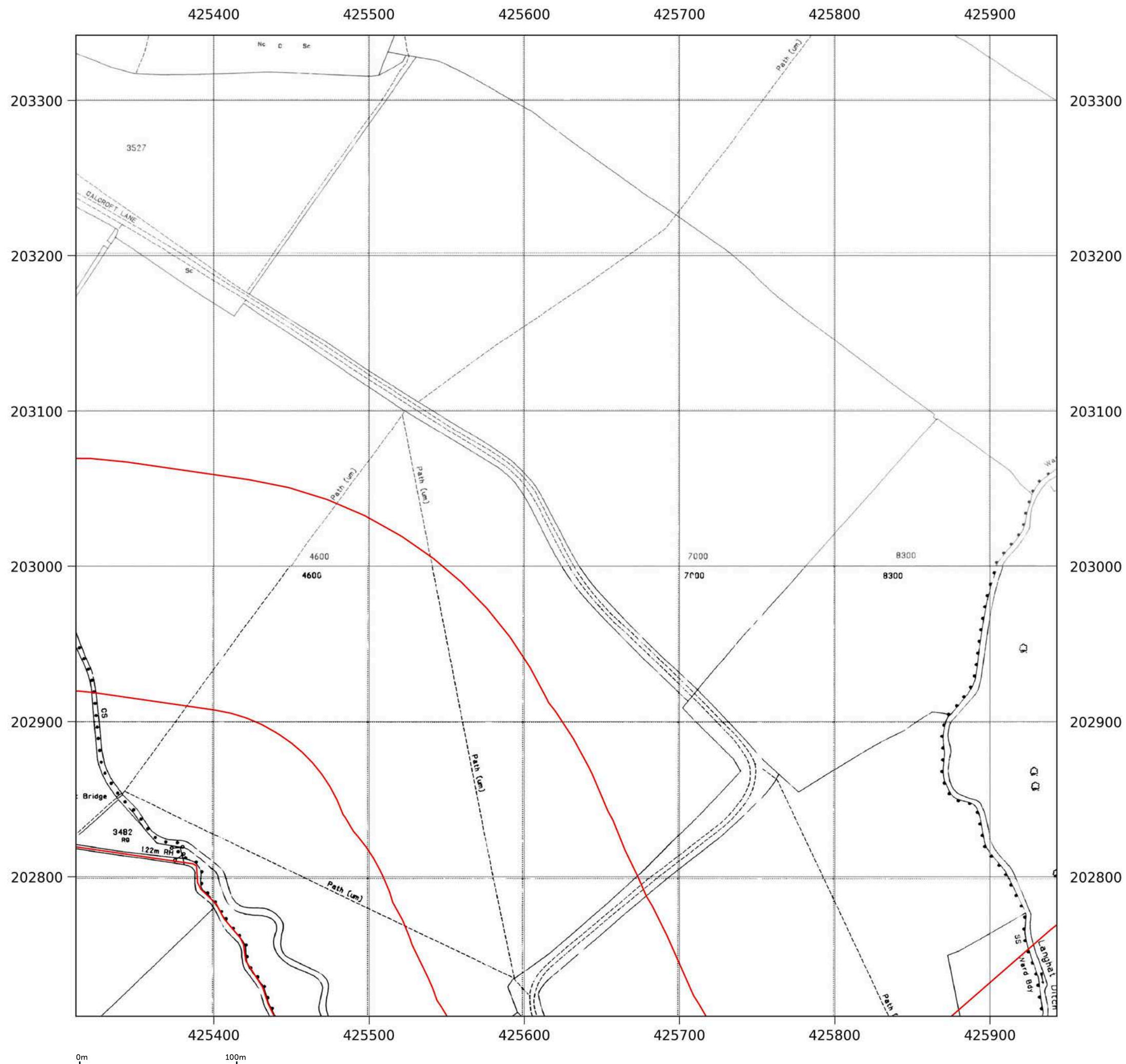
Date: 1972
 Surveyed: 1971
 Revised: 1971
 Copyright: 1972
 Levelled: 1953

Date: 1972
 Surveyed: 1971
 Revised: 1971
 Copyright: 1972
 Levelled: 1953



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 01273 257 755





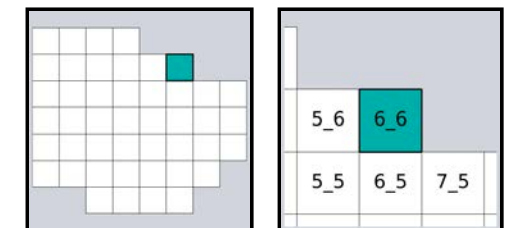
Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500



Date: 1994
 Surveyed: 1994
 Revised: 1994

Date: 1994
Copyright: 1994



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1876

Scale:

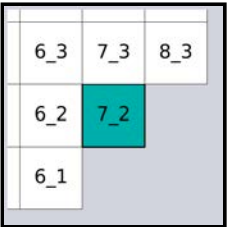
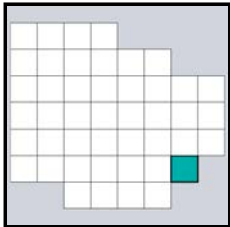
1:2,500

Printed at:

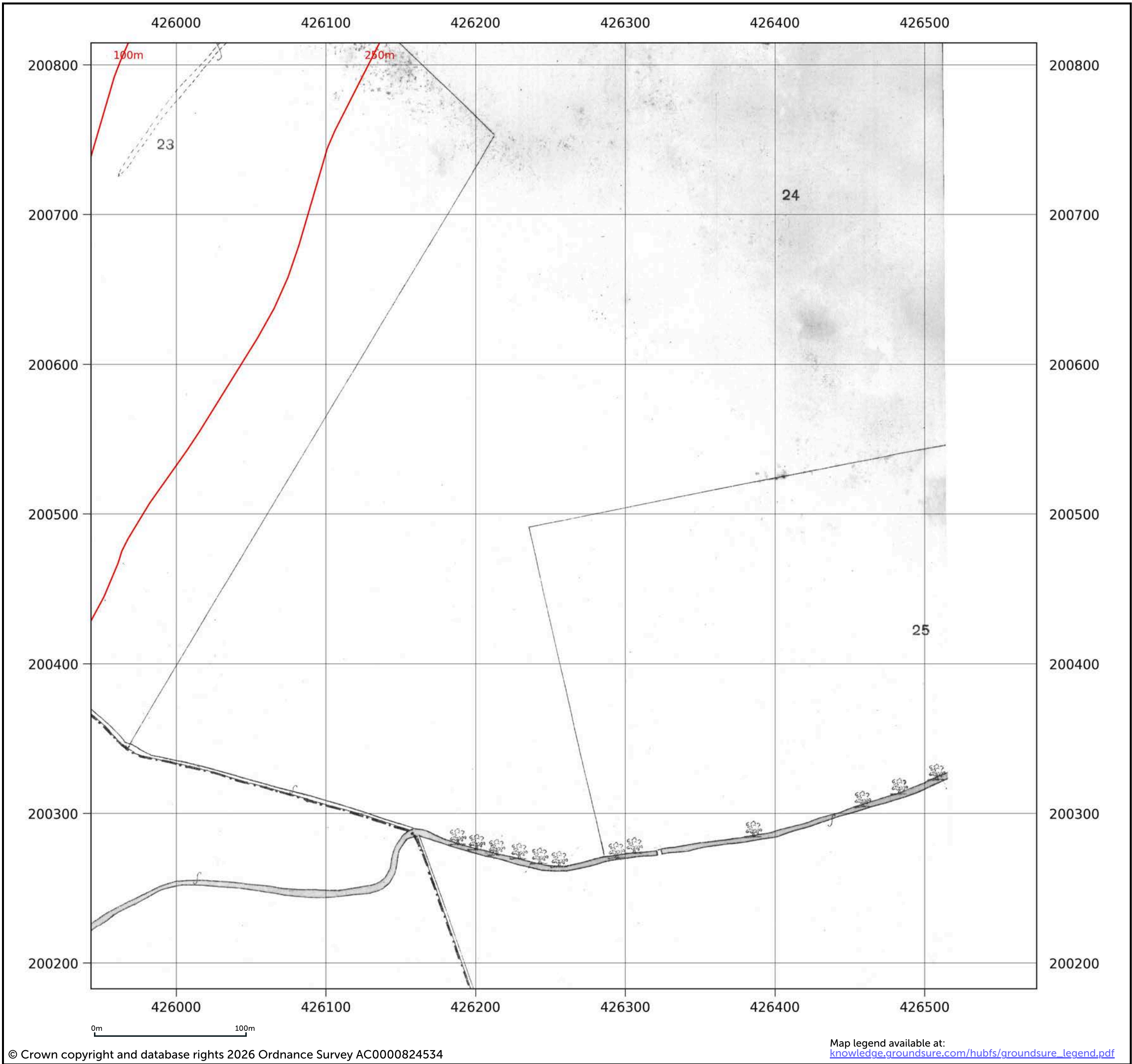
1:2,500



Date: 1876
Surveyed: 1876
Revised: 1876



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1921

Scale:

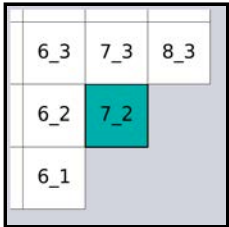
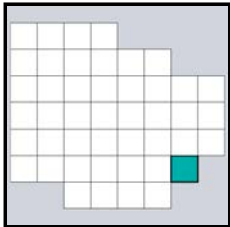
1:2,500

Printed at:

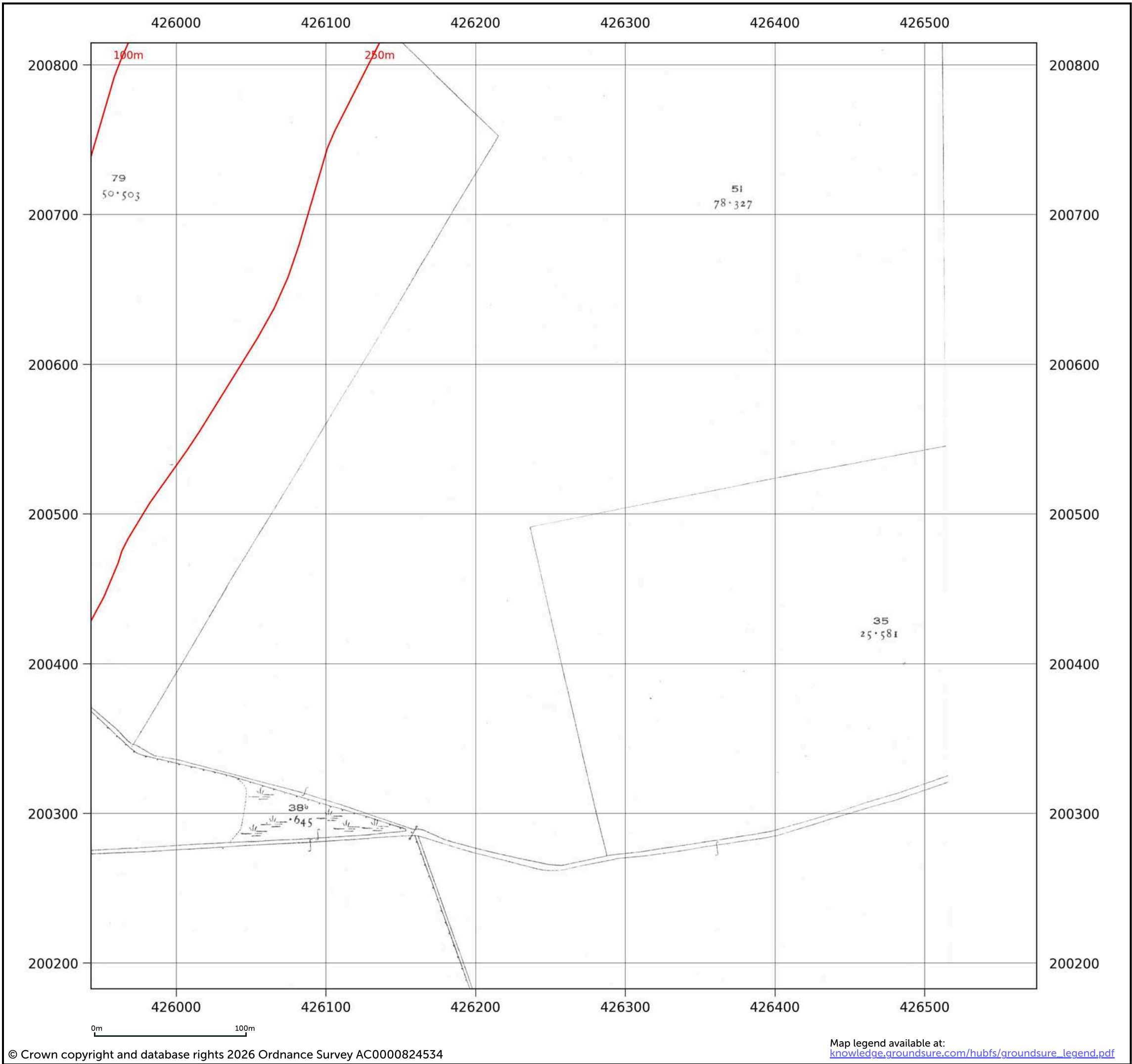
1:2,500



Date: 1921
Surveyed: 1921
Revised: 1921



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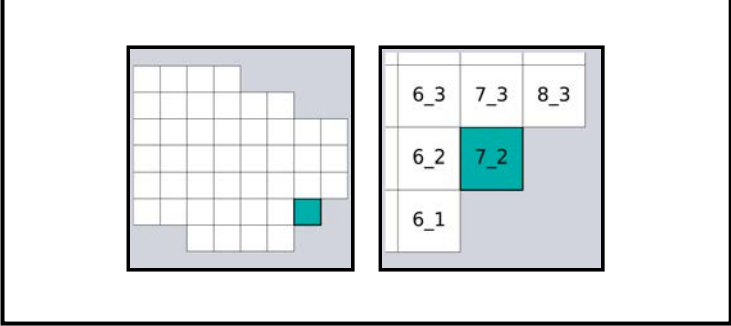


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

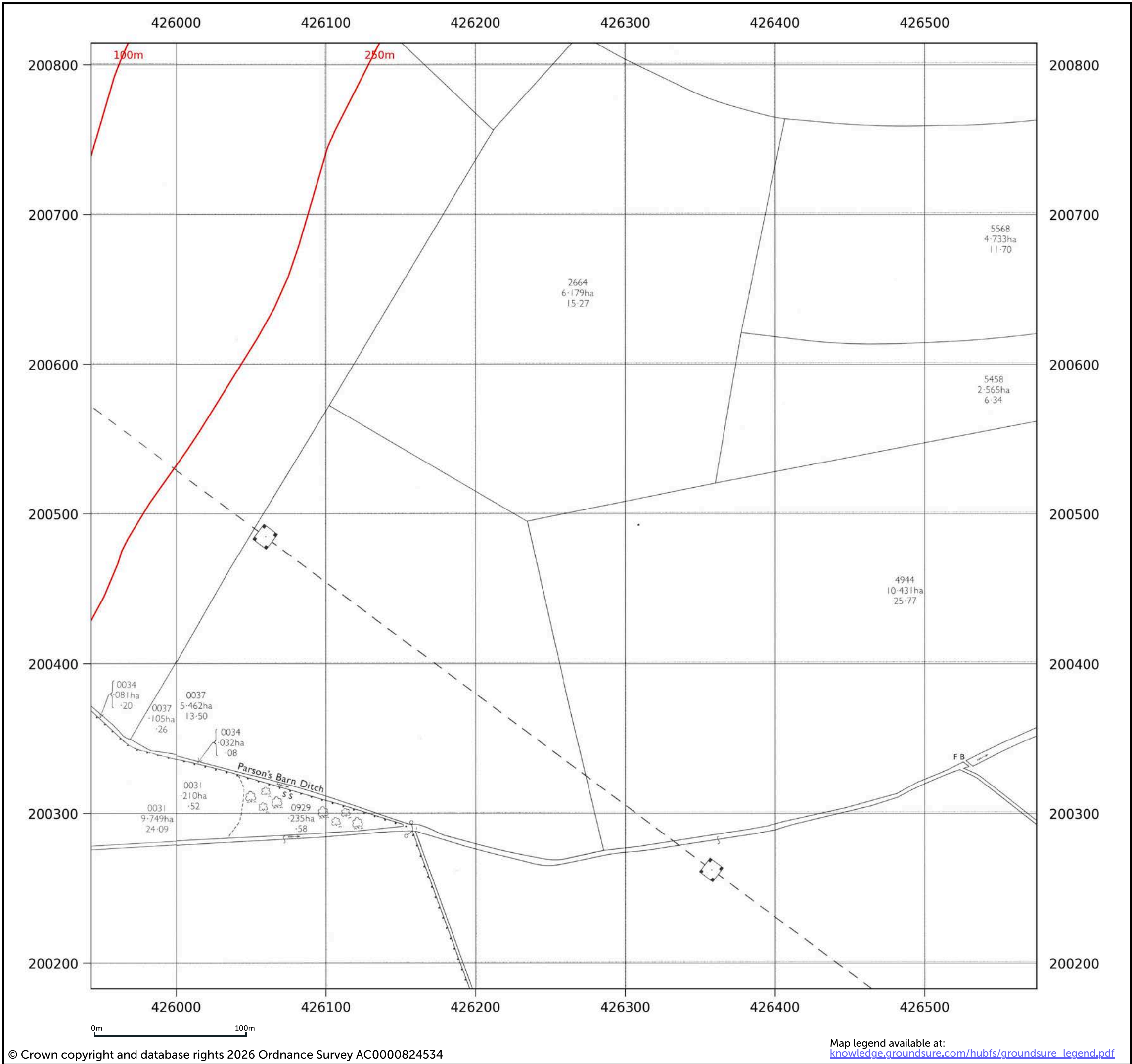
Map name:	National Grid
Map date:	1971
Scale:	1:2,500
Printed at:	1:2,500



Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953	Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953
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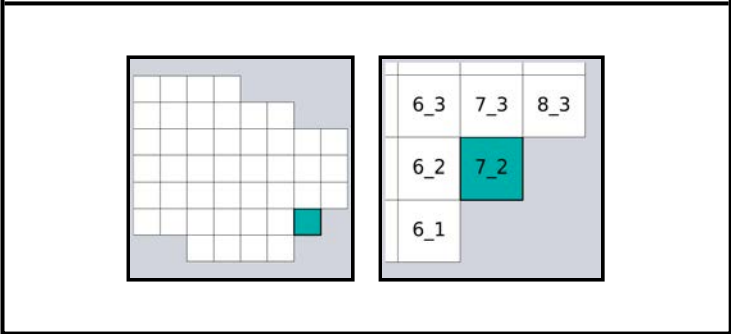
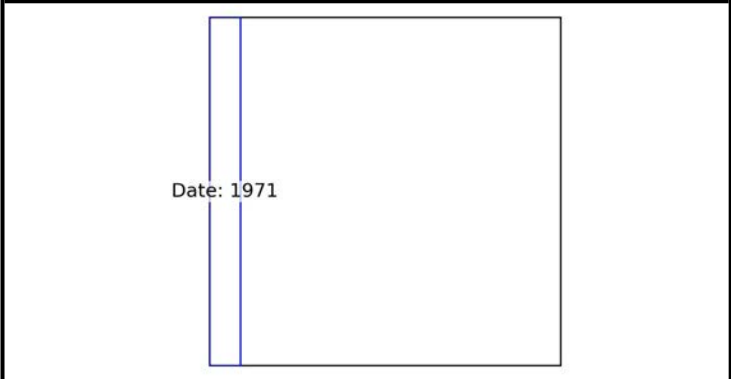
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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1971
Scale:	1:2,500
Printed at:	1:2,500

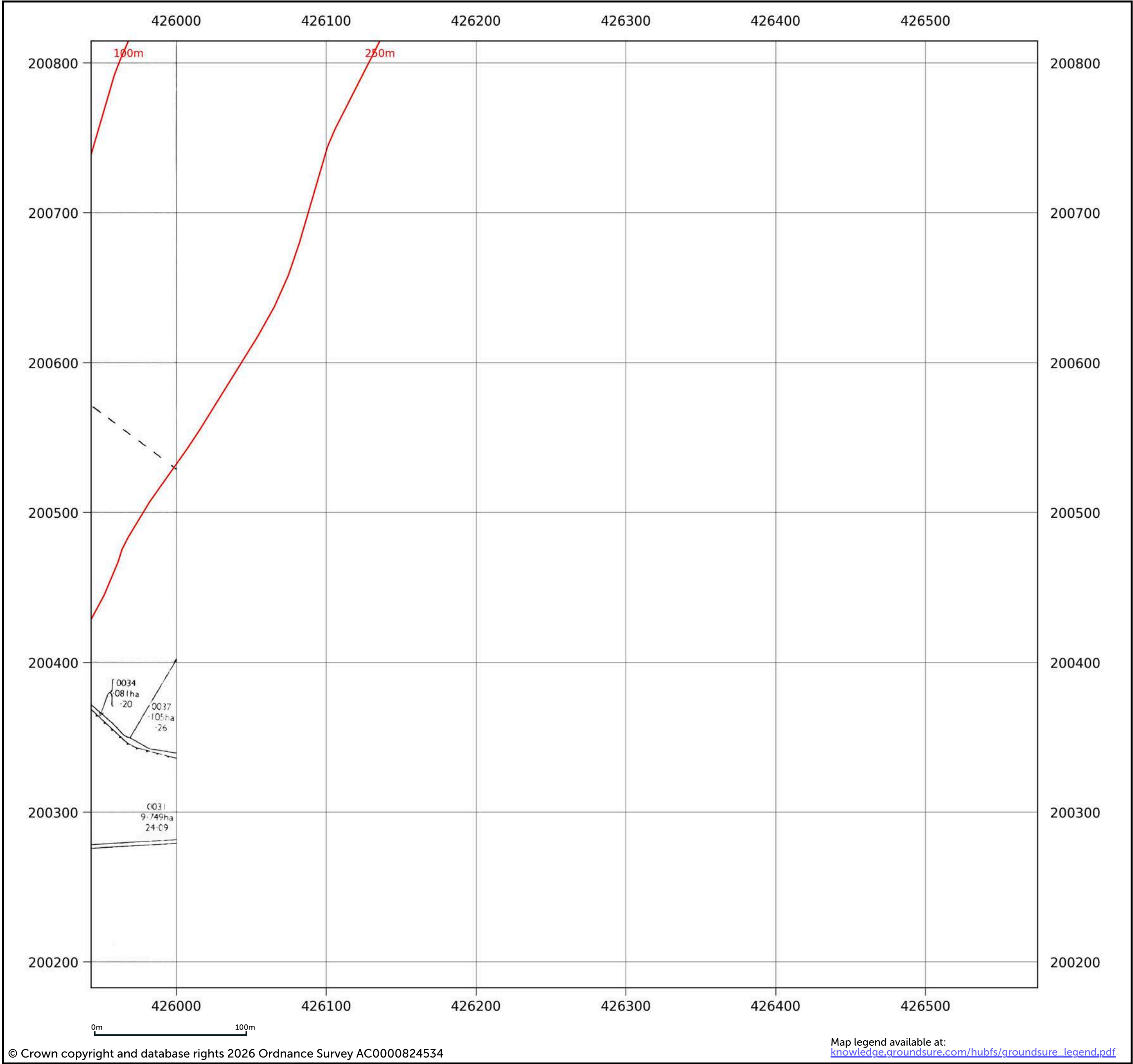




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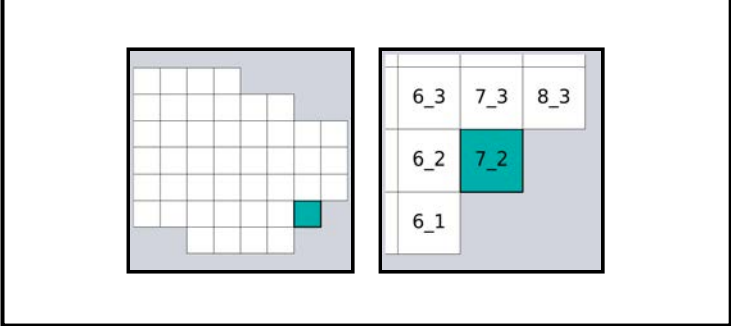


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

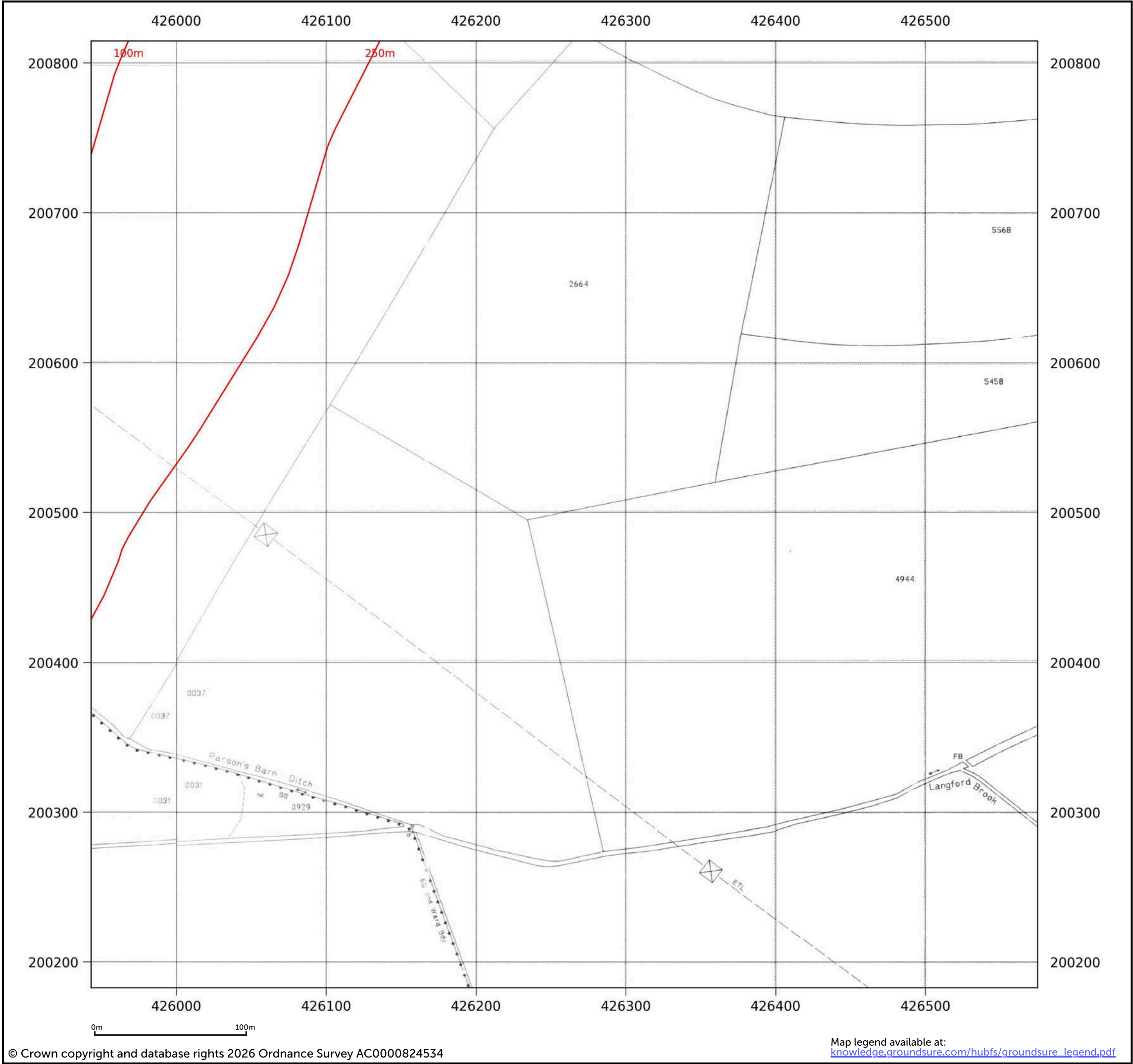
Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500



Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
---	---



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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire Energy Park

P25099

GS-NOQ-K5K-LGD-2A4

424416.47, 201608

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

1876-1880

1:2,500

1:2,500

Date: 1880

Surveyed: 1880

Revised: 1880

Date: 1876

Surveyed: 1876

Revised: 1876

6_4

7_4

8_4

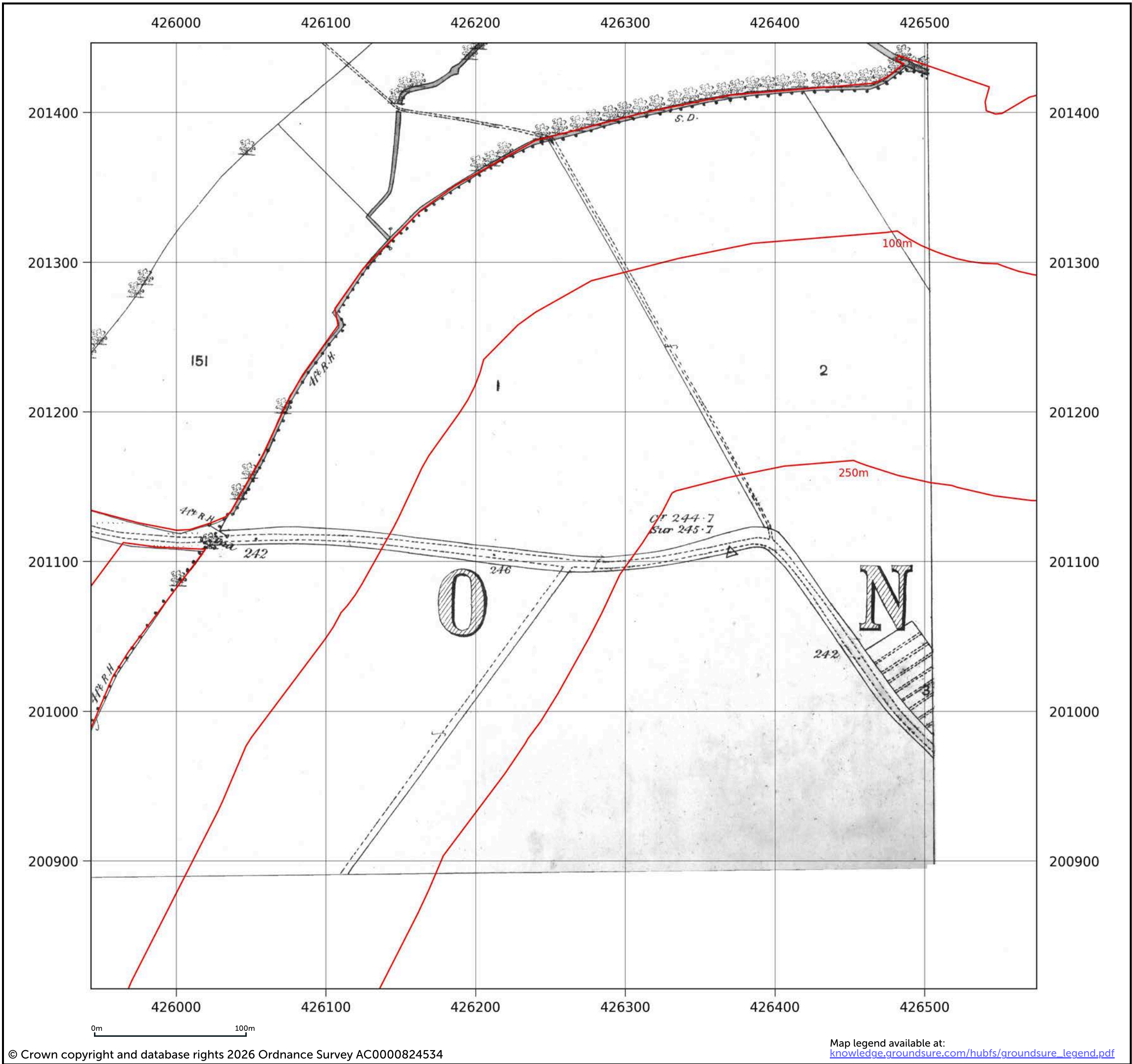
6_3

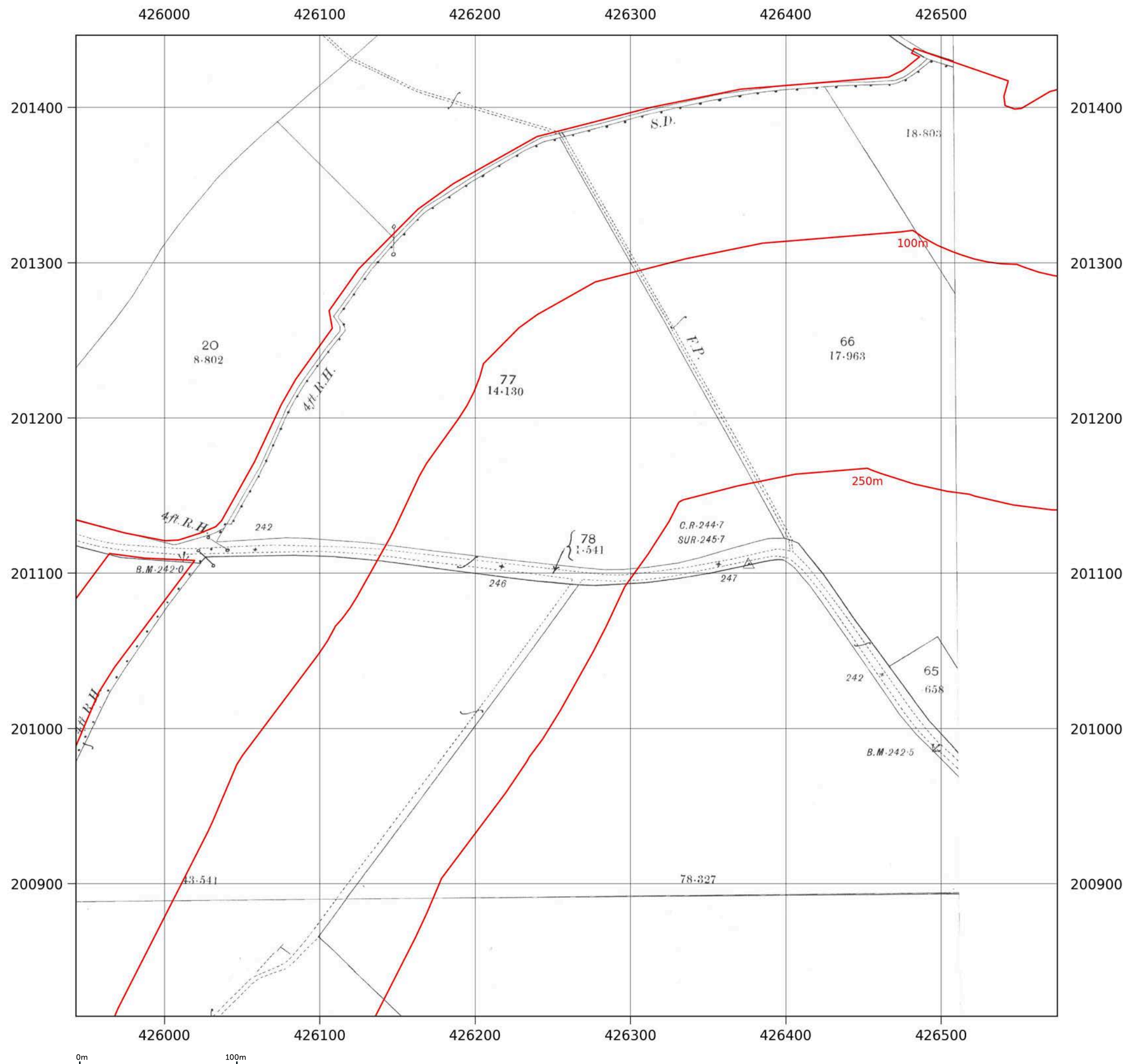
7_3

8_3

6_2

7_2





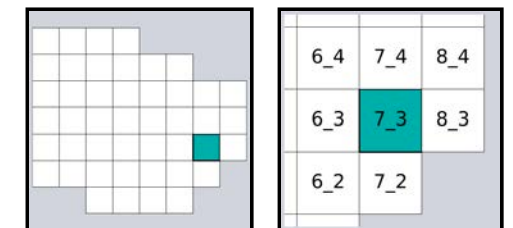
Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899
Surveyed: 1899
Revised: 1899

Date: 1899
Surveyed: 1899
Revised: 1899



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

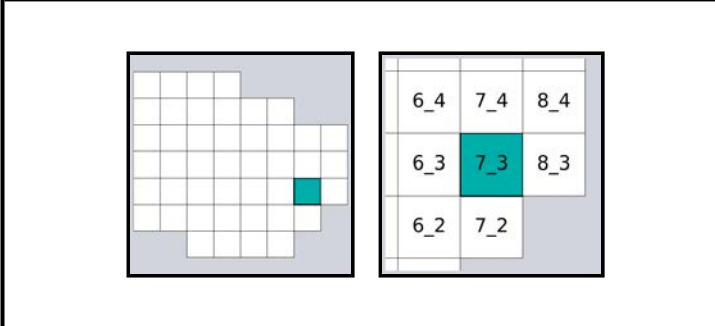
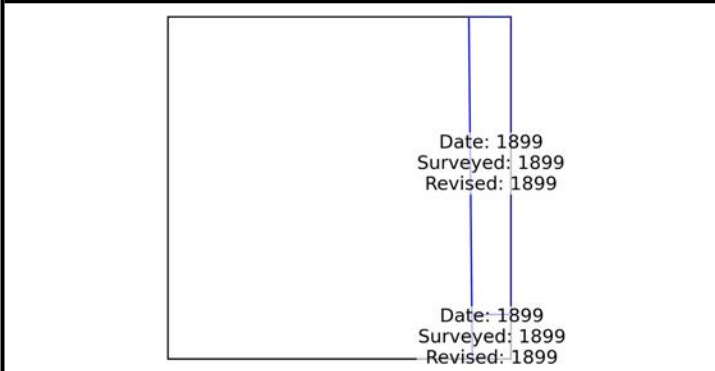
1899

Scale:

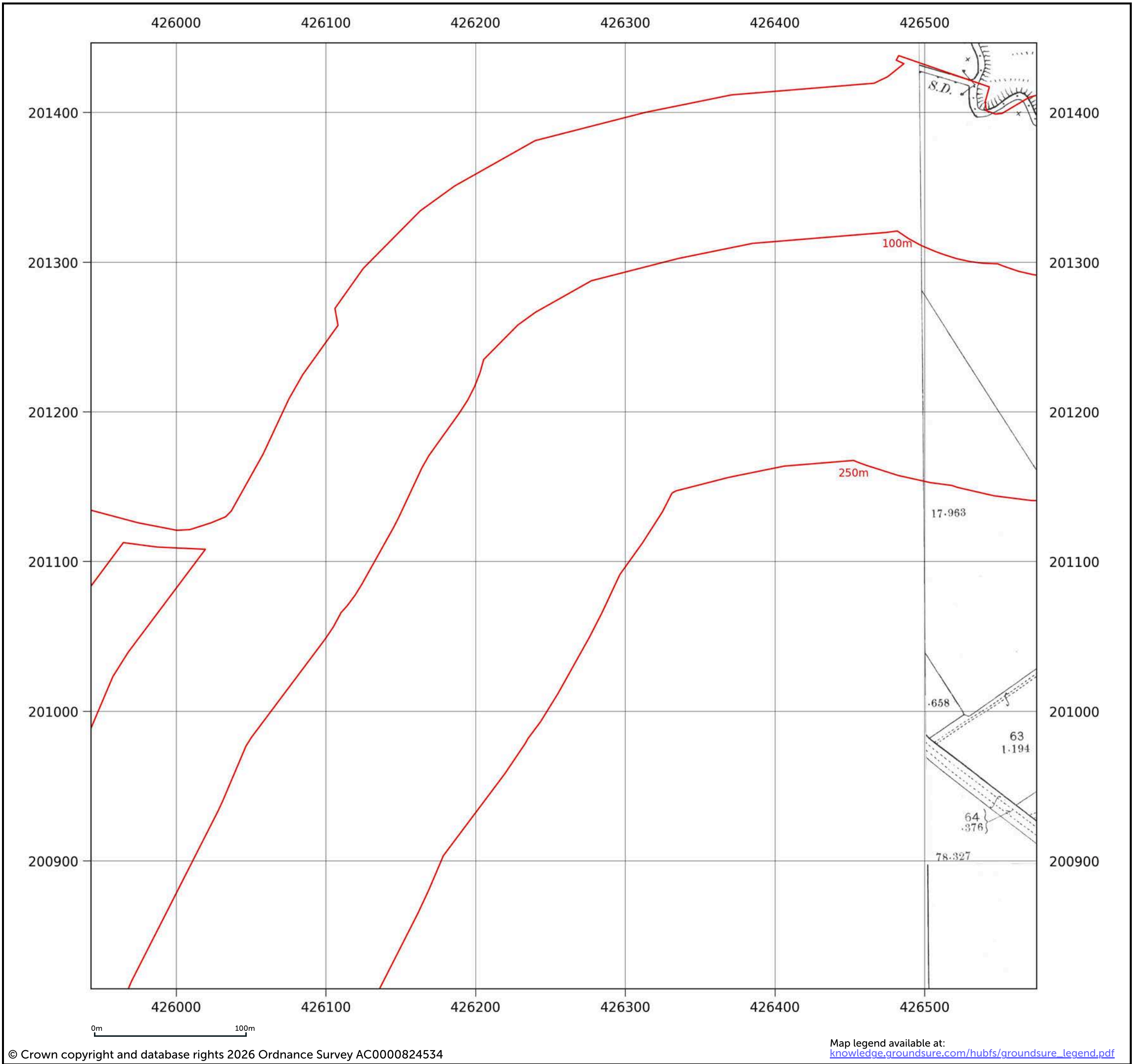
1:2,500

Printed at:

1:2,500



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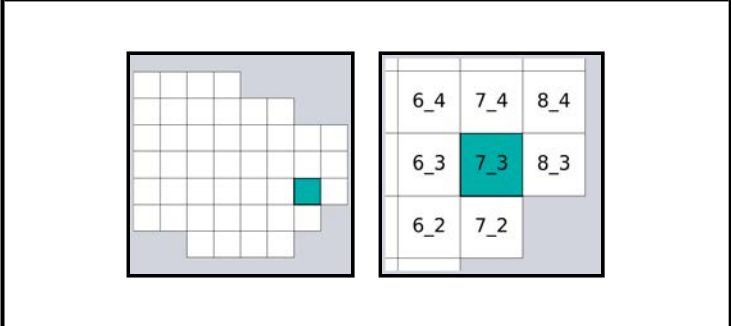


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

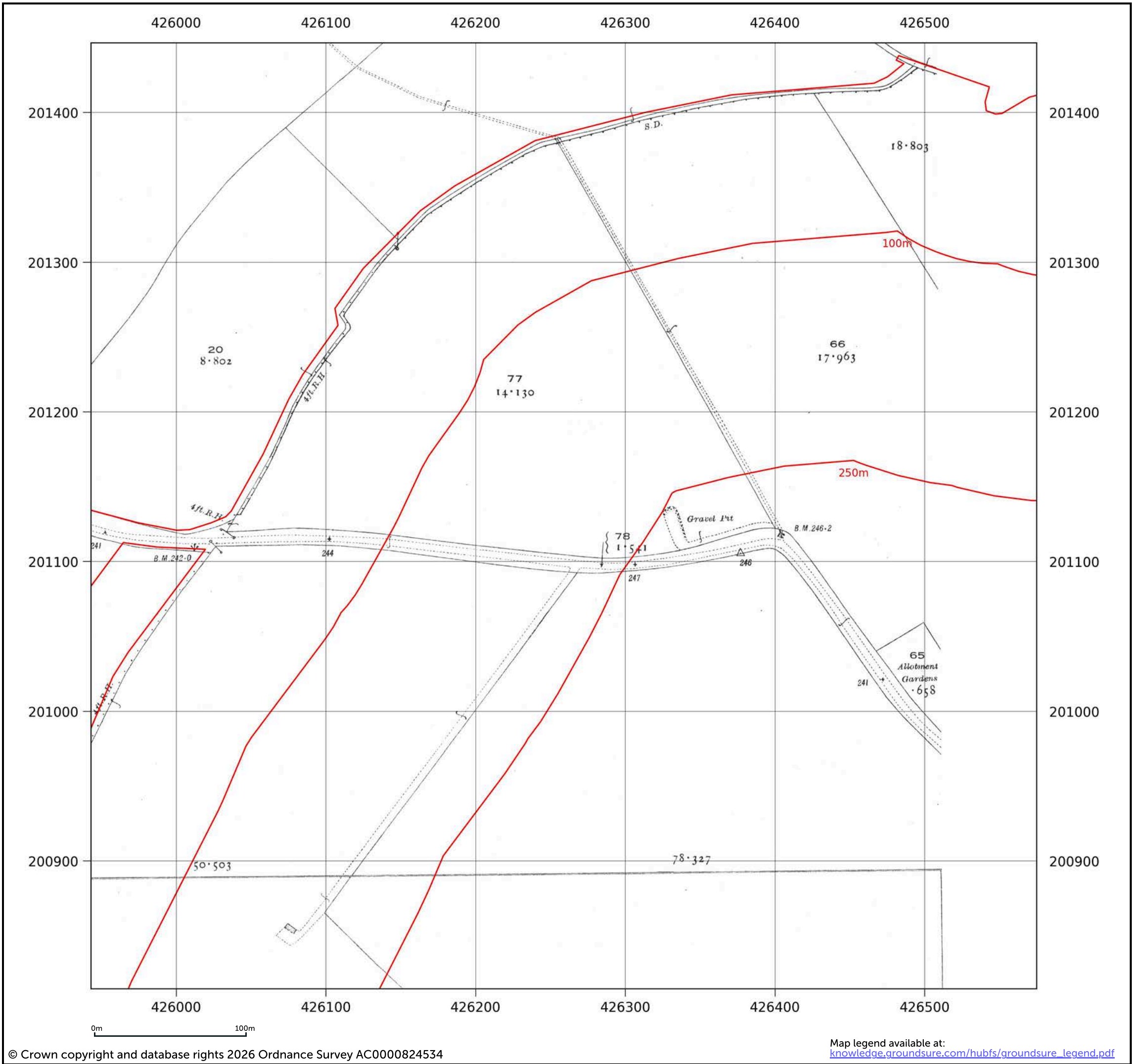
Map name:	County Series
Map date:	1921
Scale:	1:2,500
Printed at:	1:2,500



Date: 1921 Surveyed: 1921 Revised: 1921
Date: 1921 Surveyed: 1921 Revised: 1921



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1971

Scale:

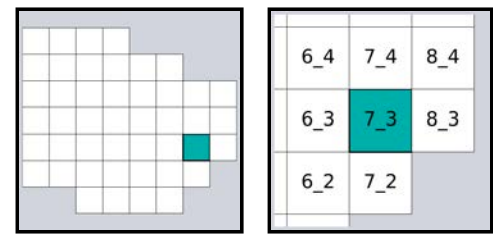
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Printed at:

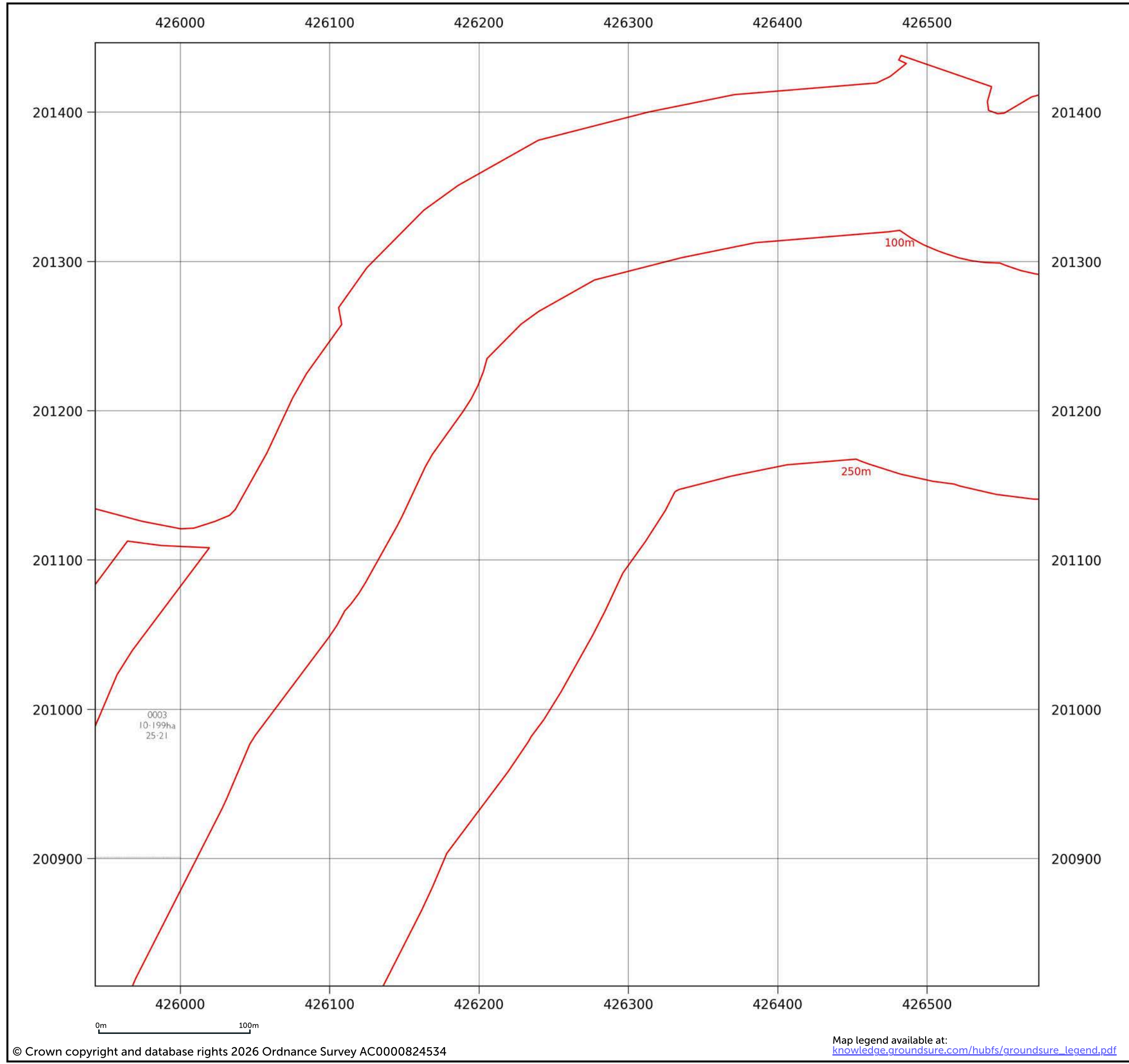
1:2,500

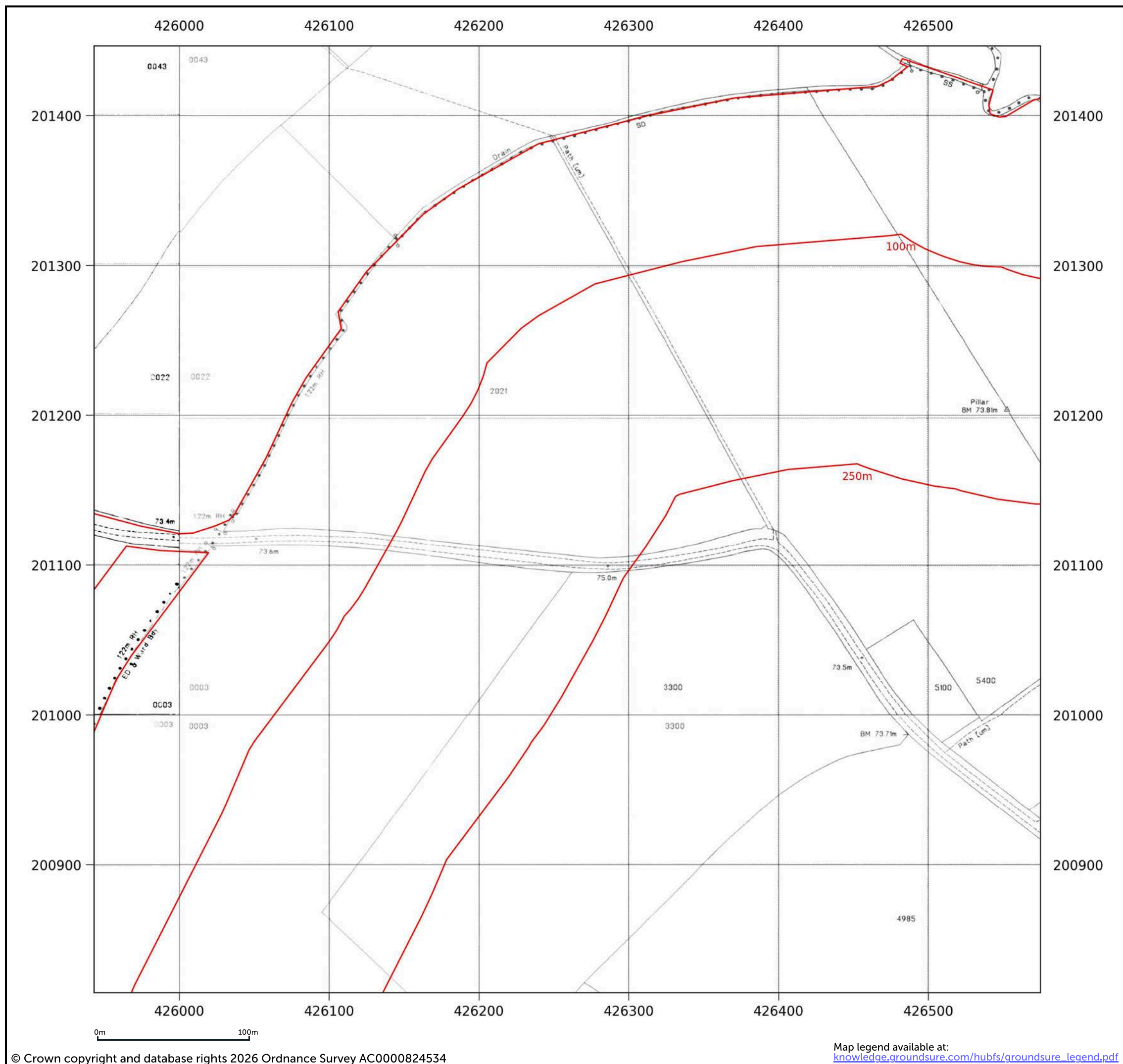


Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953



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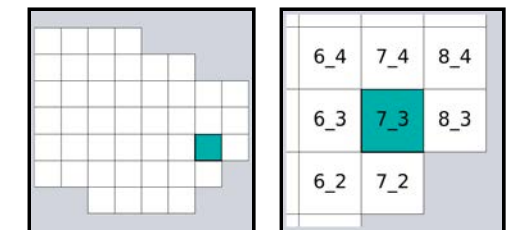


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500

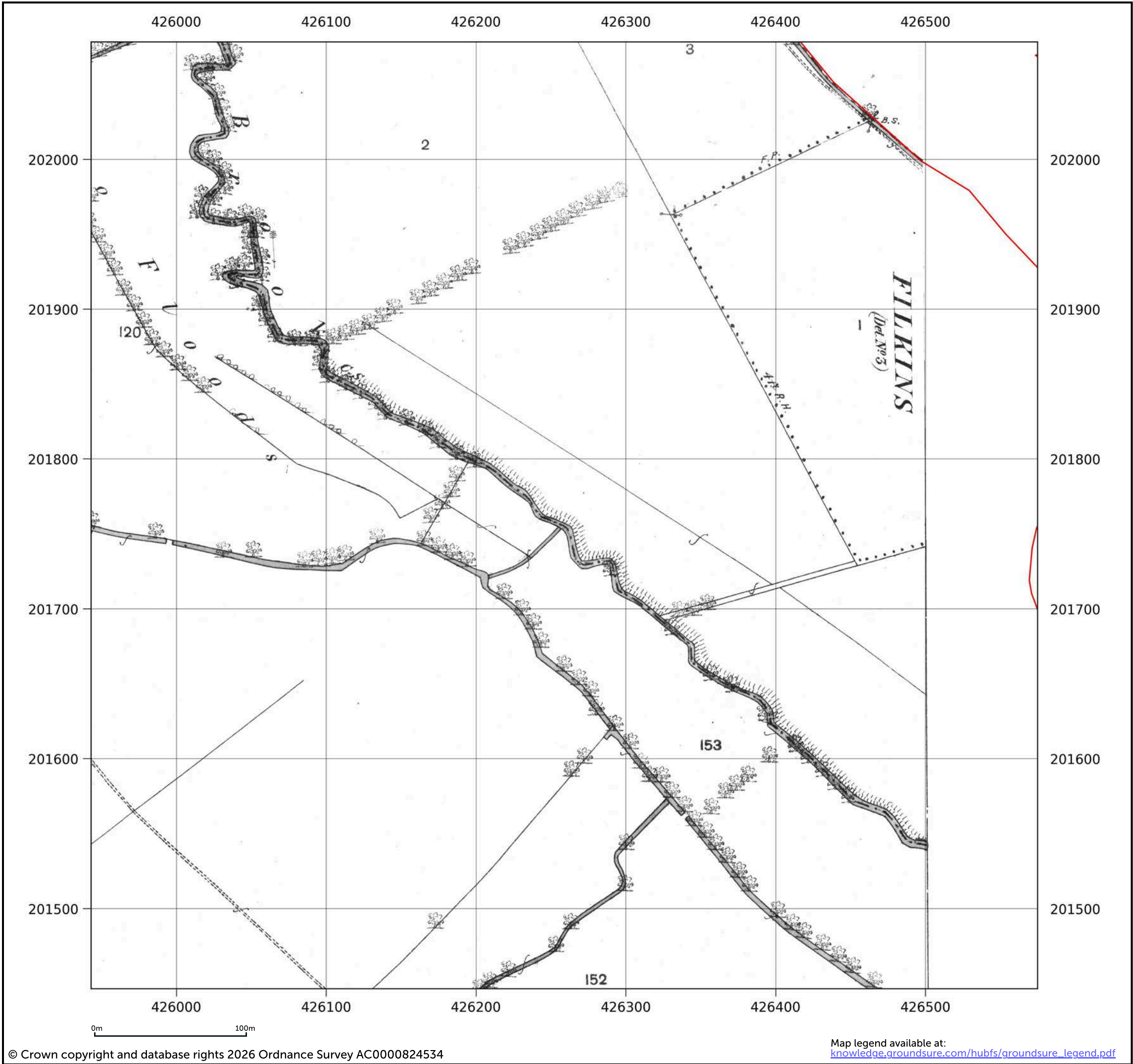


Date: 1994 Copyright: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994



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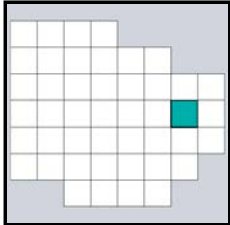




Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

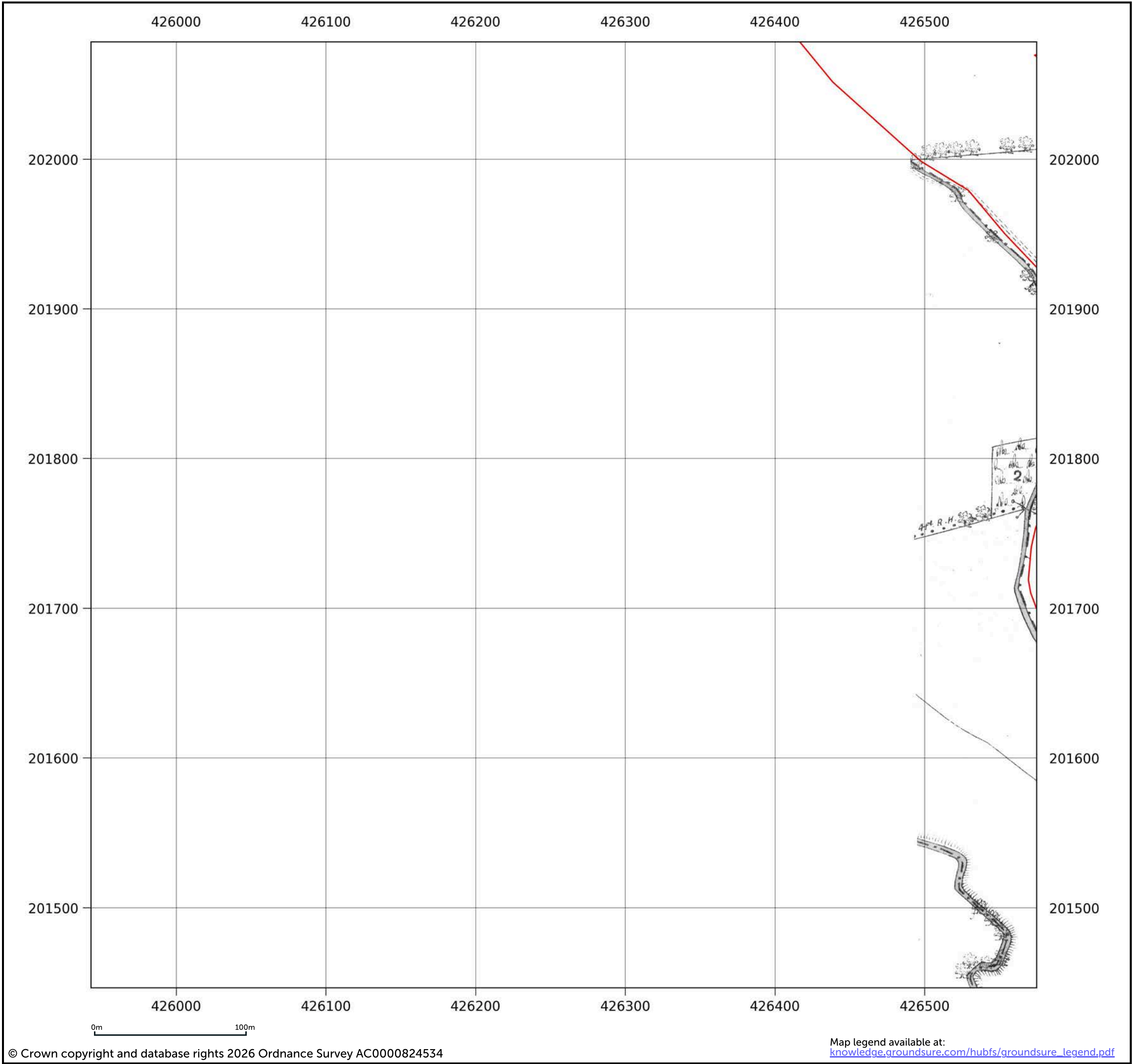
Map name:	County Series
Map date:	1880
Scale:	1:2,500
Printed at:	1:2,500

Date: 1880
Surveyed: 1880
Revised: 1880



6_5	7_5	8_5
6_4	7_4	8_4
6_3	7_3	8_3

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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1881

Scale:

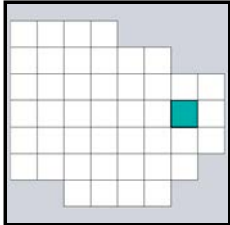
1:2,500

Printed at:

1:2,500



Date: 1881
Surveyed: 1881
Revised: 1881



6_5	7_5	8_5
6_4	7_4	8_4
6_3	7_3	8_3

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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire Energy Park

P25099

GS-NOQ-K5K-LGD-2A4

424416.47, 201608

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

1899

1:2,500

1:2,500

Date: 1899

Surveyed: 1899

Revised: 1899

6_5

7_5

8_5

6_4

7_4

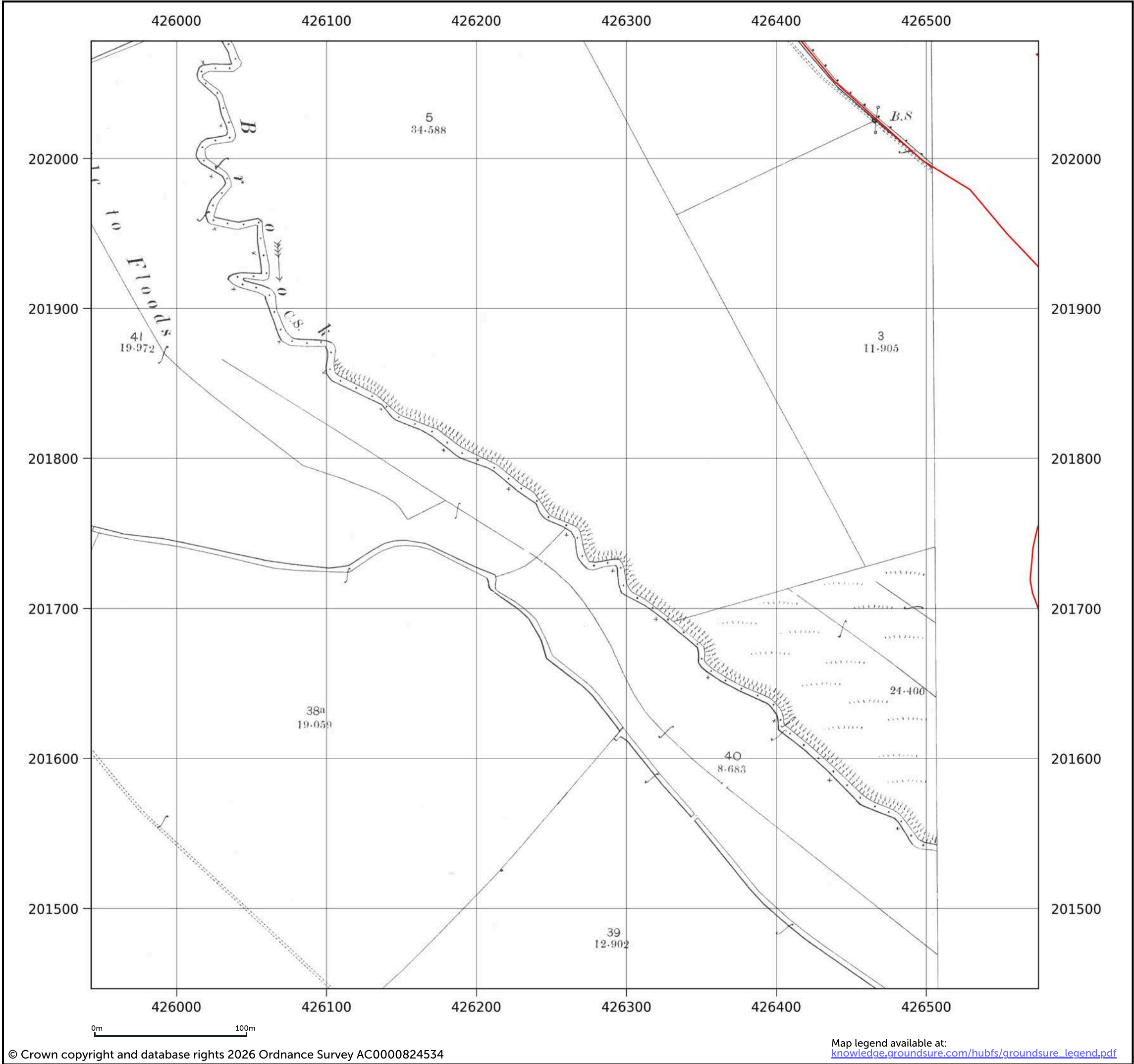
8_4

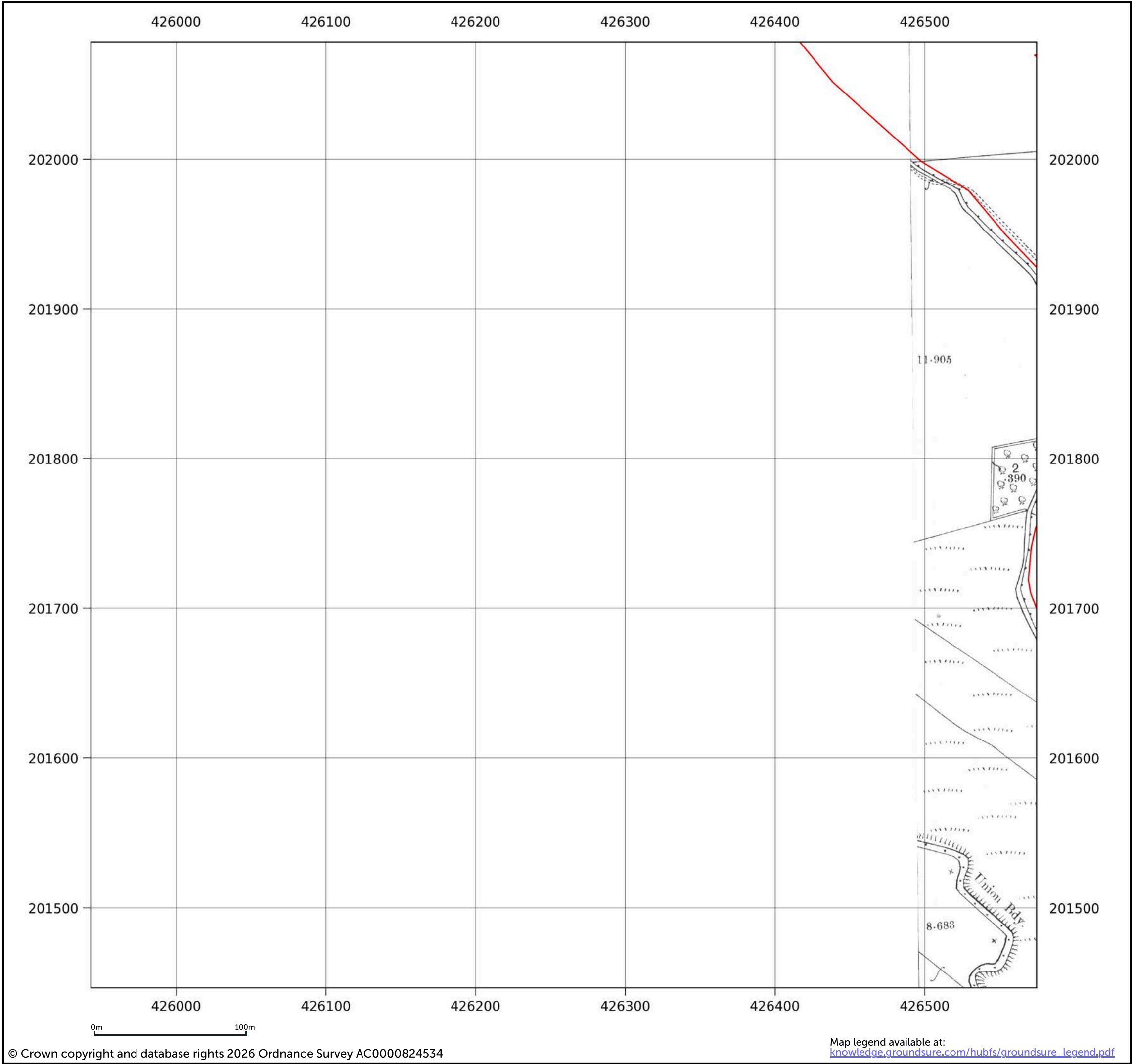
6_3

7_3

8_3

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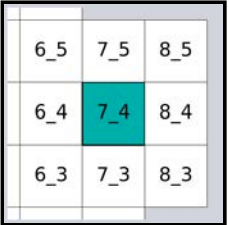
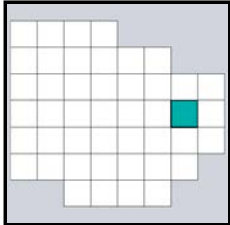




Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500

Date: 1899
Surveyed: 1899
Revised: 1899



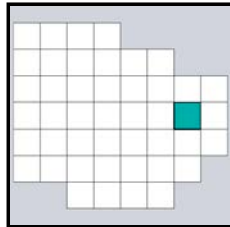
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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1921
Scale:	1:2,500
Printed at:	1:2,500

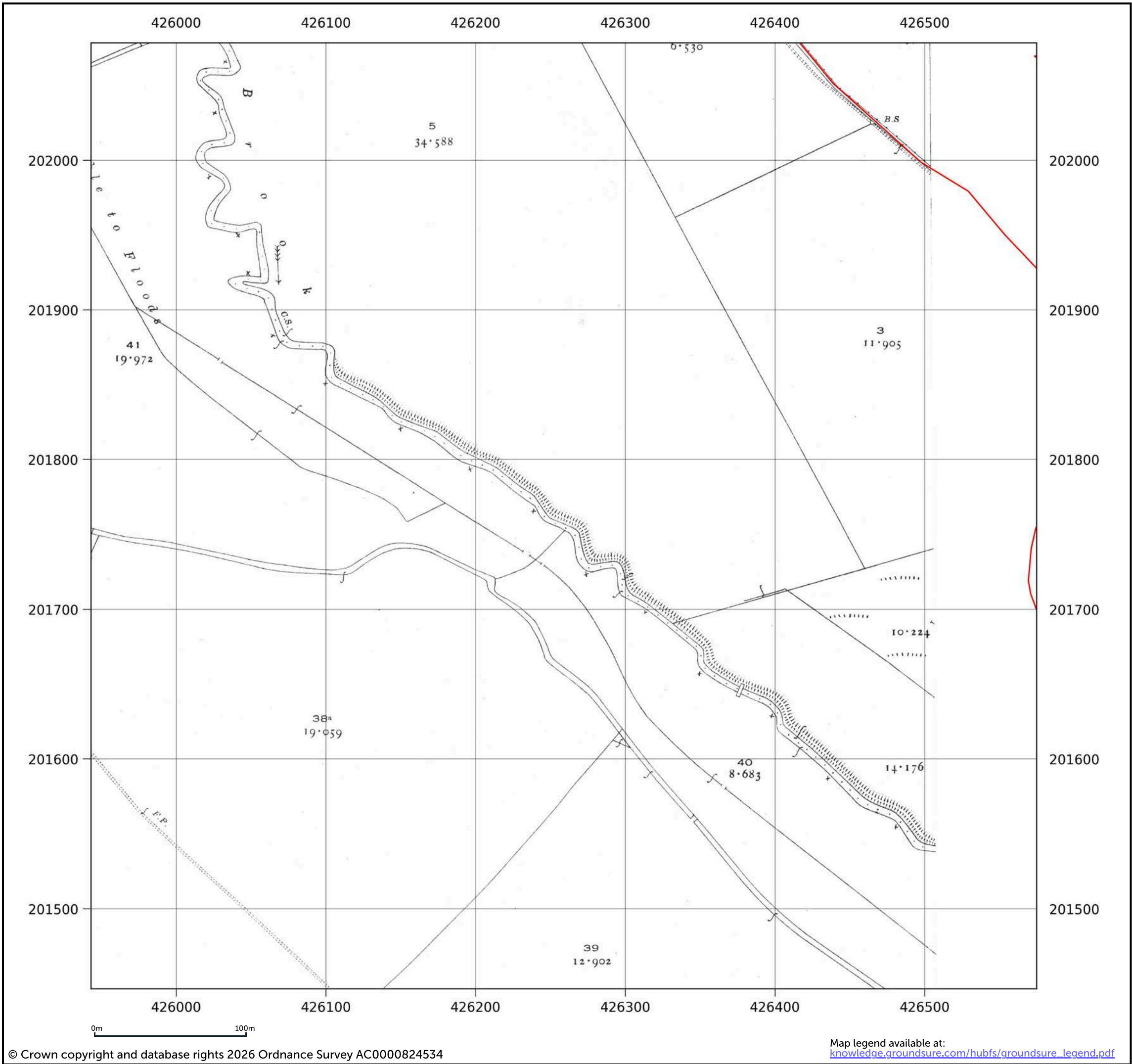


Date: 1921
Surveyed: 1921
Revised: 1921



6_5	7_5	8_5
6_4	7_4	8_4
6_3	7_3	8_3

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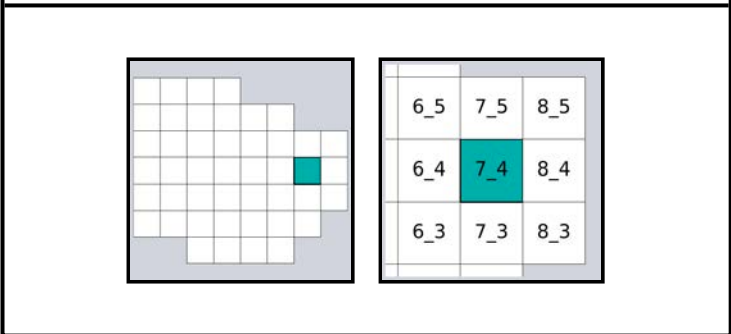


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

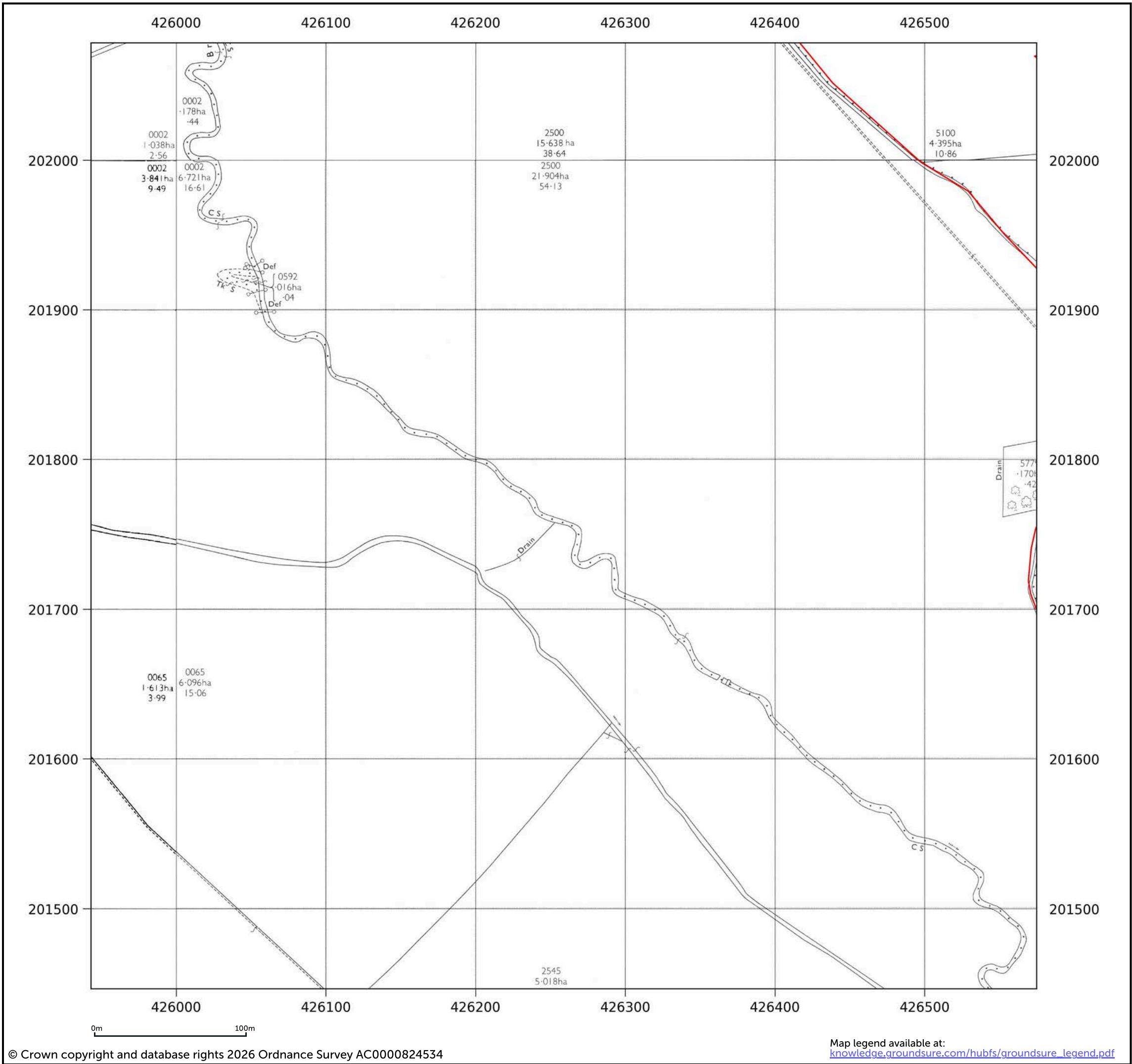
Map name:	National Grid
Map date:	1971-1972
Scale:	1:2,500
Printed at:	1:2,500



Date: 1972 Surveyed: 1971 Revised: 1971 Copyright: 1972 Levelled: 1953	Date: 1972 Surveyed: 1971 Revised: 1971 Copyright: 1972 Levelled: 1953
Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953	



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

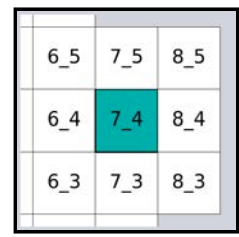
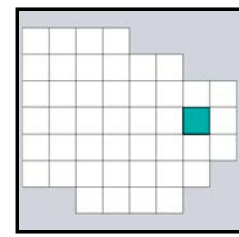
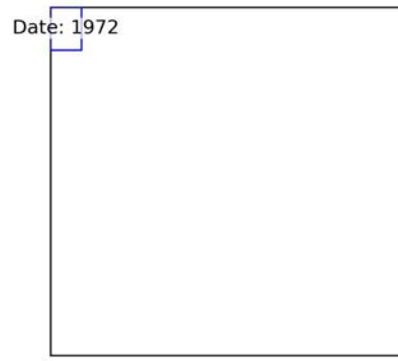
1972

Scale:

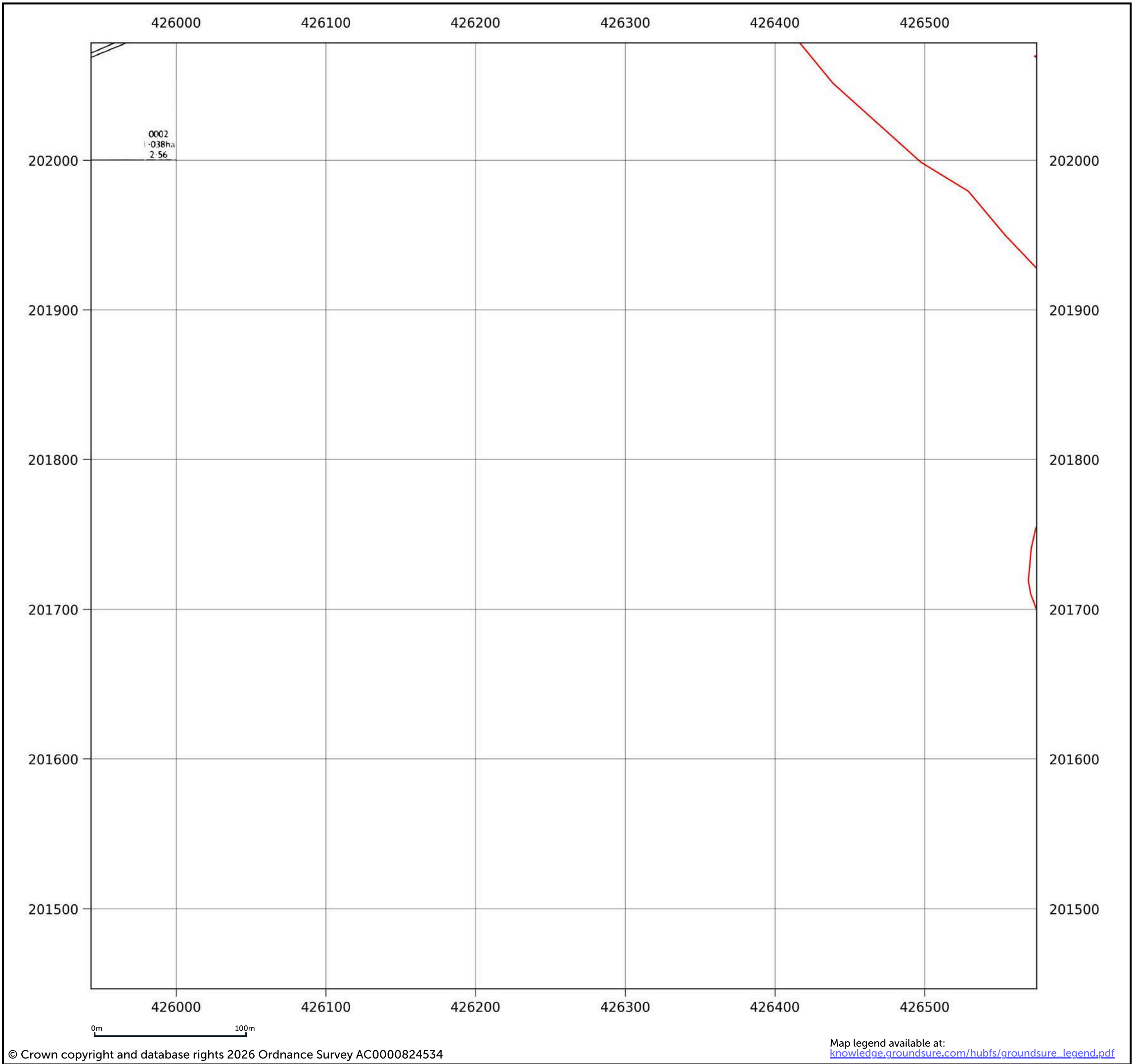
1:2,500

Printed at:

1:2,500



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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1878-1880
Scale:	1:2,500
Printed at:	1:2,500

N

W

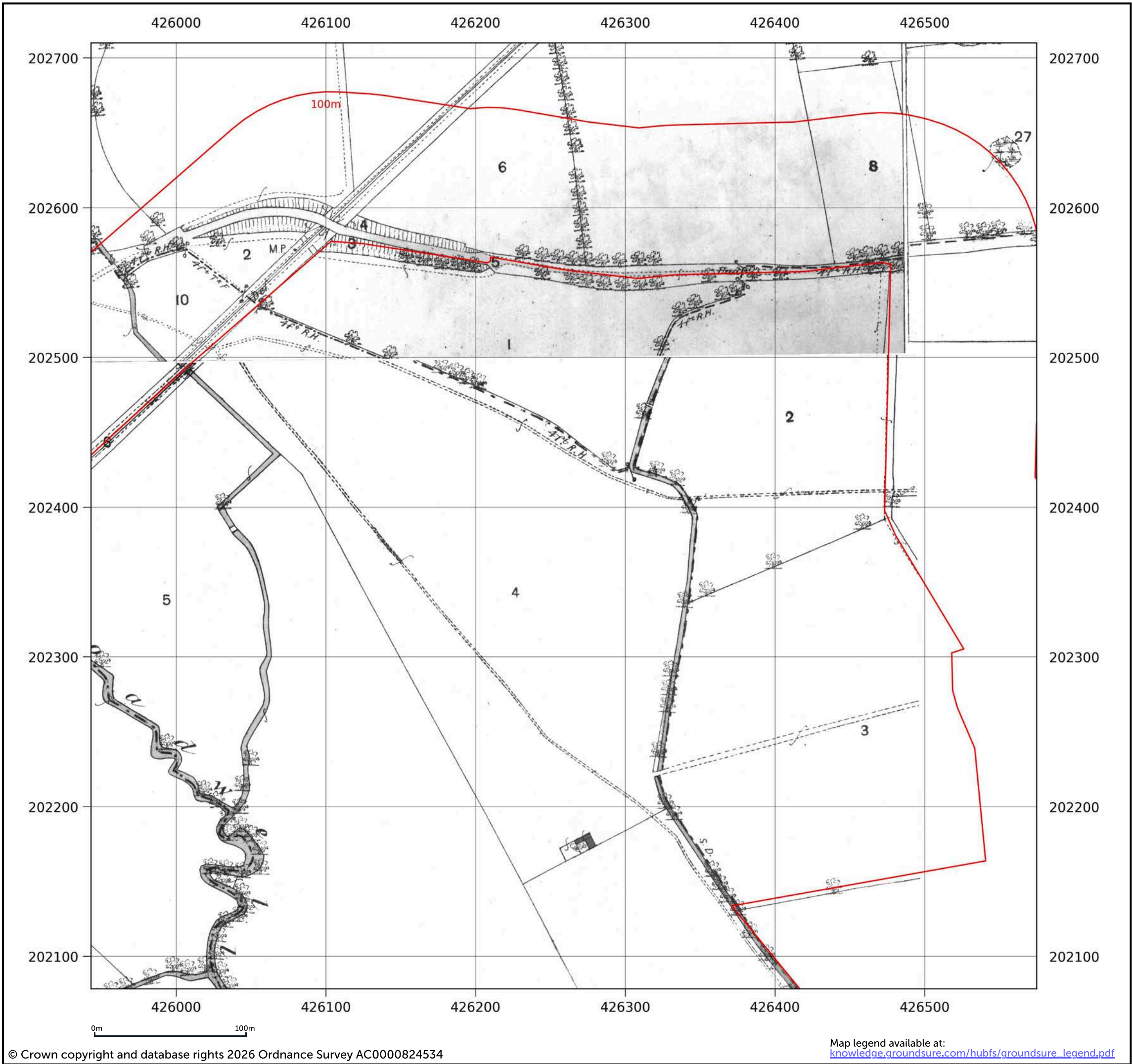
E

S

Date: 1880 Surveyed: 1880 Revised: 1880	Date: 1878 Surveyed: 1878 Revised: 1878
Date: 1880 Surveyed: 1880 Revised: 1880	

6_6		
6_5	7_5	8_5
6_4	7_4	8_4

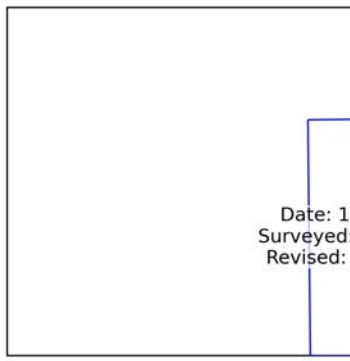
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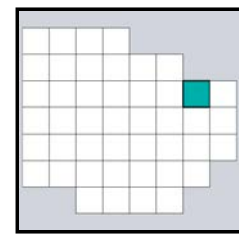
Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1881
Scale:	1:2,500
Printed at:	1:2,500



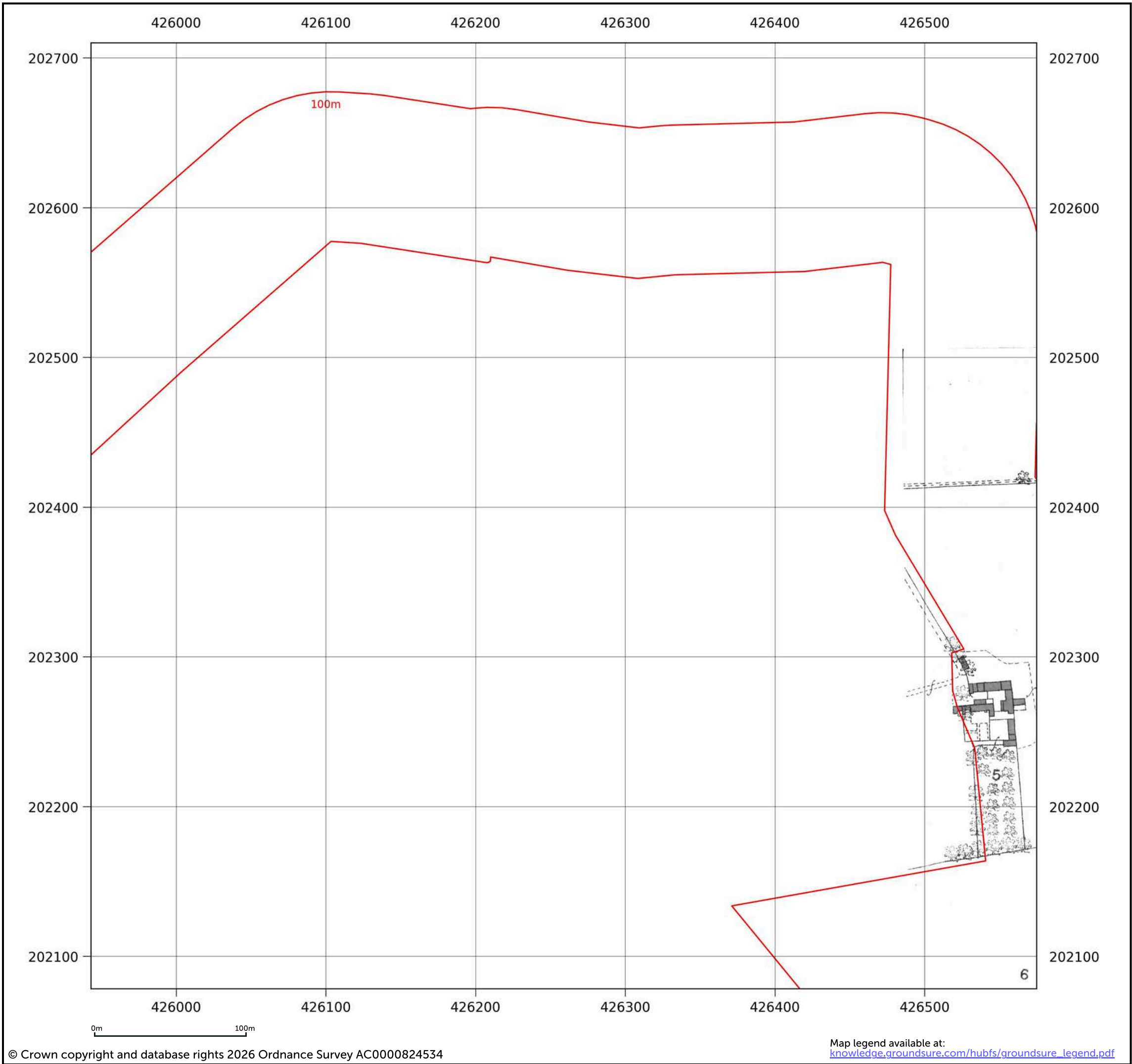


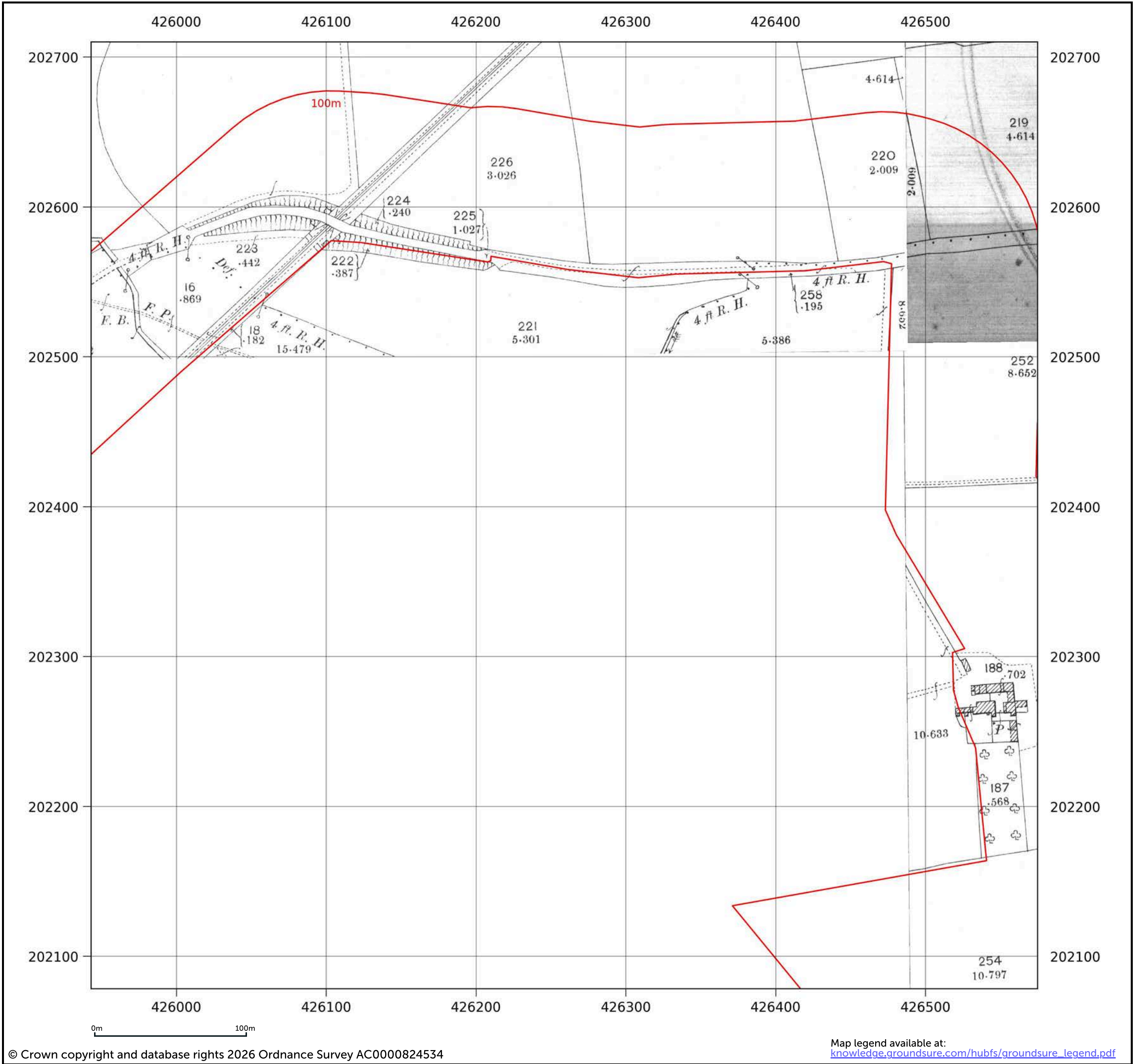
Date: 1881
Surveyed: 1881
Revised: 1881



6_6		
6_5	7_5	8_5
6_4	7_4	8_4

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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

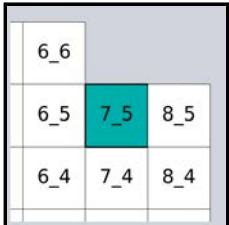
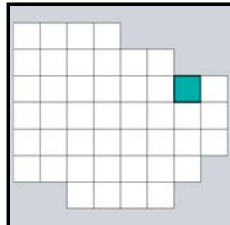
Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899
Surveyed: 1899
Revised: 1899

Date: 1899
Surveyed: 1899
Revised: 1899

Date: 1899
Surveyed: 1899
Revised: 1899



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Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500

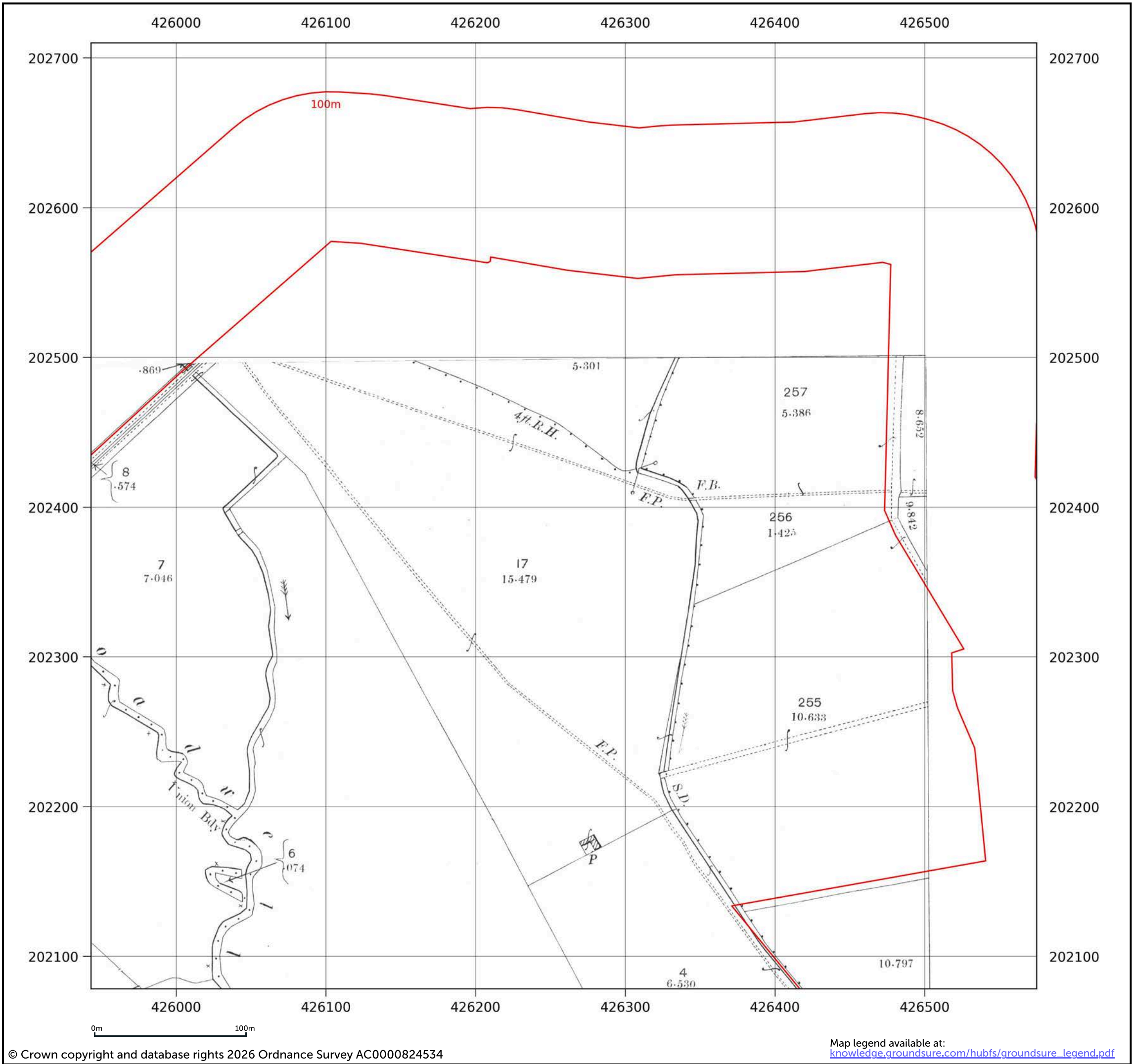


Date: 1899 Surveyed: 1899 Revised: 1899

A 10x10 grid map showing a survey area. The survey area is a 5x5 grid of white cells, with a single teal cell at the bottom-right corner (row 5, column 5). The surrounding area is gray.

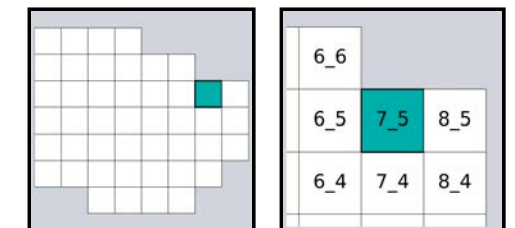
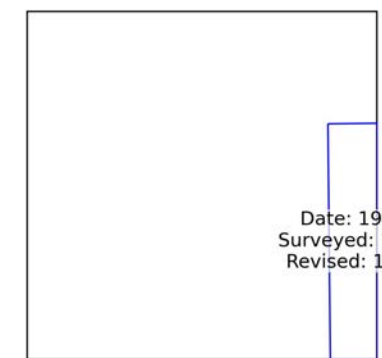
A zoomed-in view of the survey area, showing a 3x3 grid of cells. The center cell (row 2, column 2) is teal and labeled '7_5'. The other cells are white and labeled with coordinates: '6_6' (top-left), '6_5' (top-middle), '8_5' (top-right), '6_4' (bottom-left), '7_4' (bottom-middle), and '8_4' (bottom-right). The surrounding area is gray.

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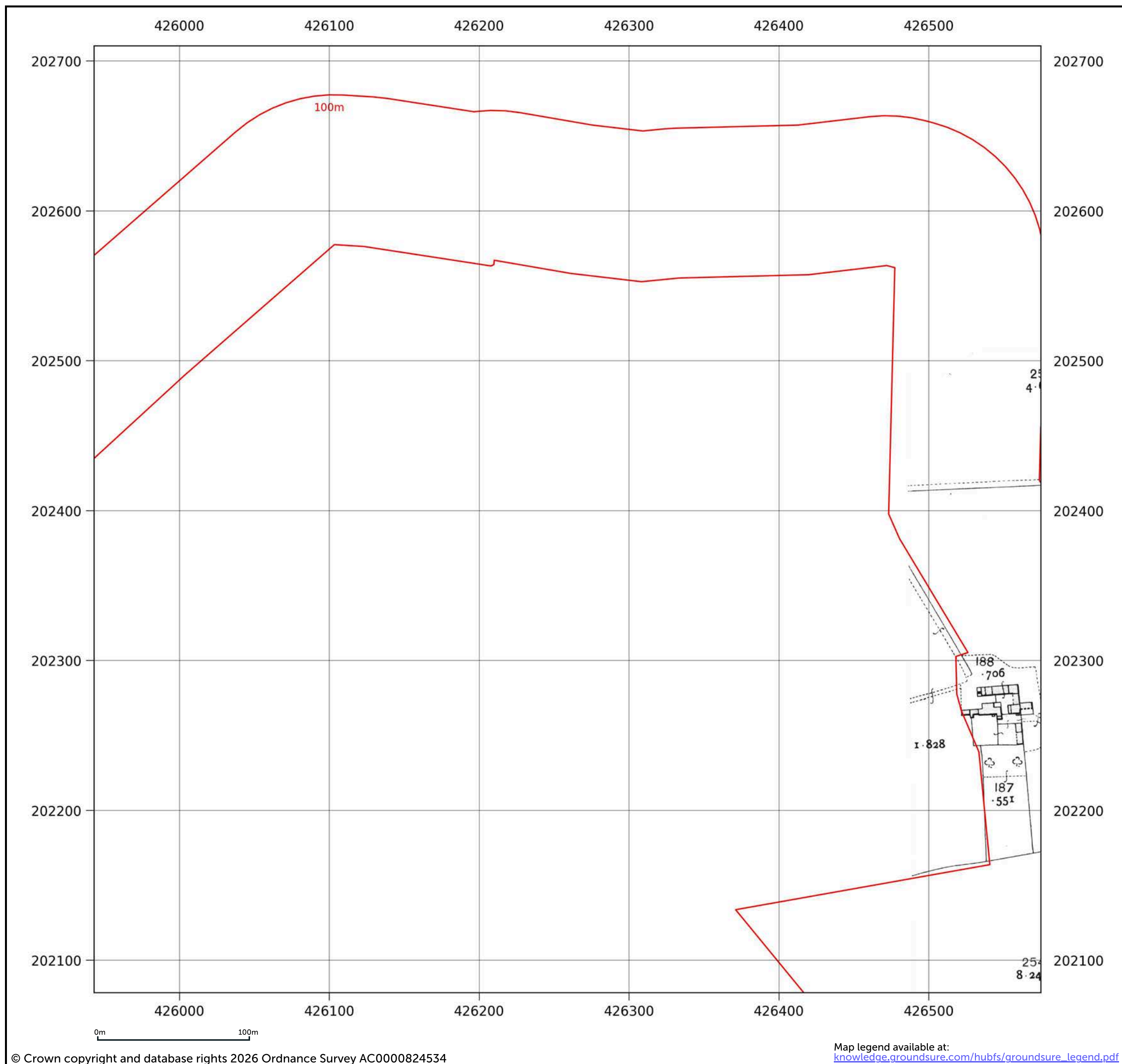


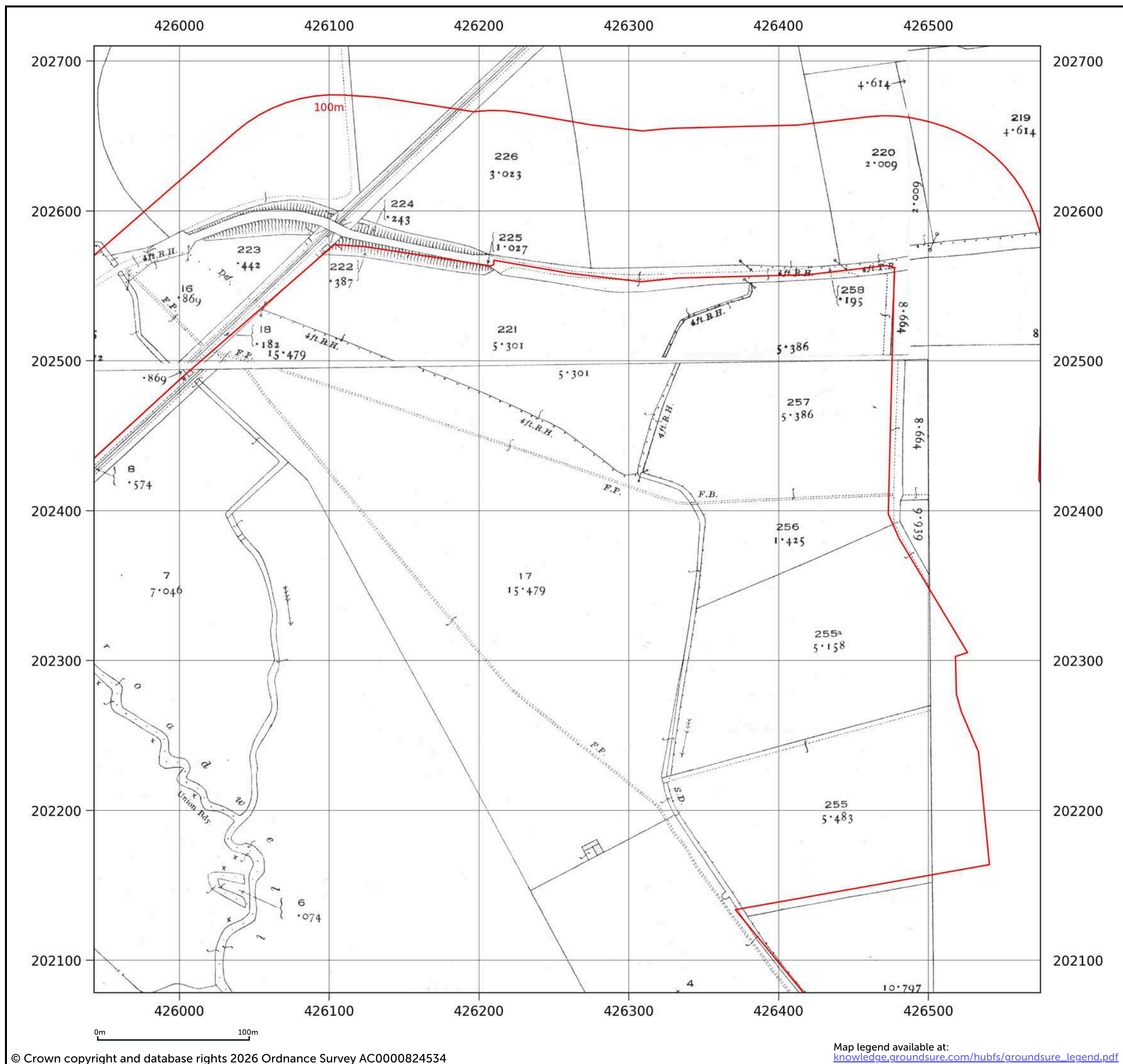
Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

Map name: County Series
Map date: 1910
Scale: 1:2,500
Printed at: 1:2,500



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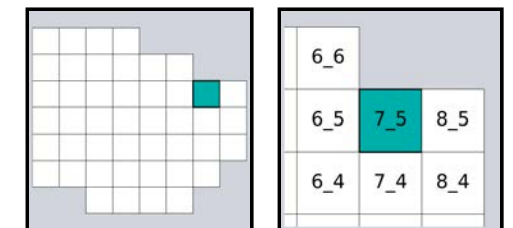


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1921
Scale:	1:2,500
Printed at:	1:2,500



Date: 1921 Surveyed: 1921 Revised: 1921	Date: 1921 Surveyed: 1921 Revised: 1921
Date: 1921 Surveyed: 1921 Revised: 1921	



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1972

Scale:

1:2,500

Printed at:

1:2,500

Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953

Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953

6_6

6_5

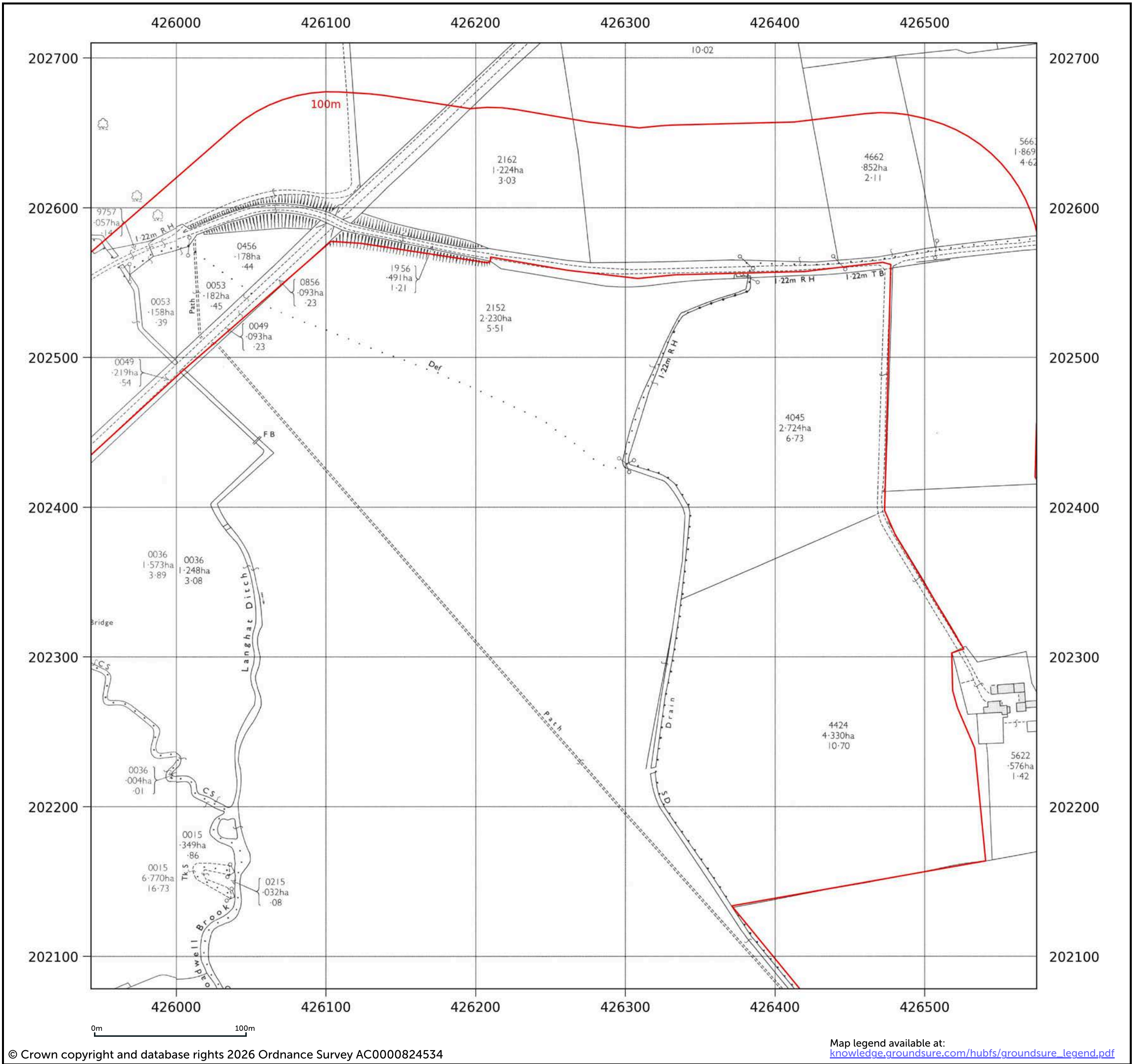
6_4

7_5

7_4

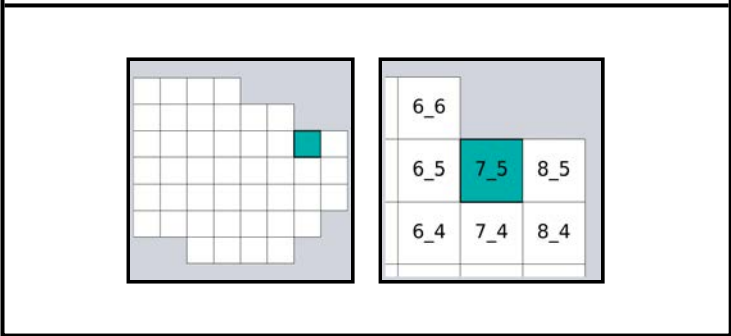
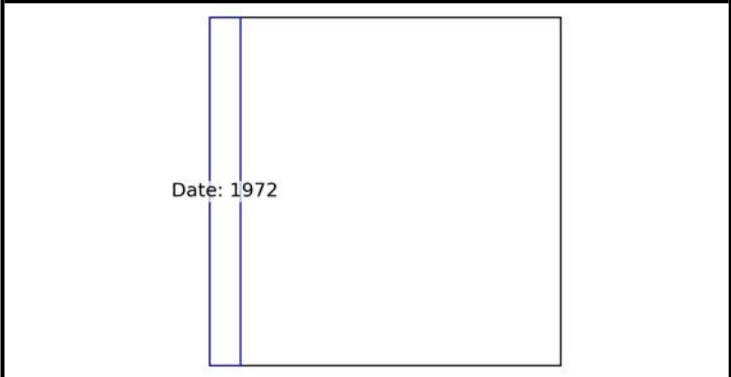
8_5

8_4

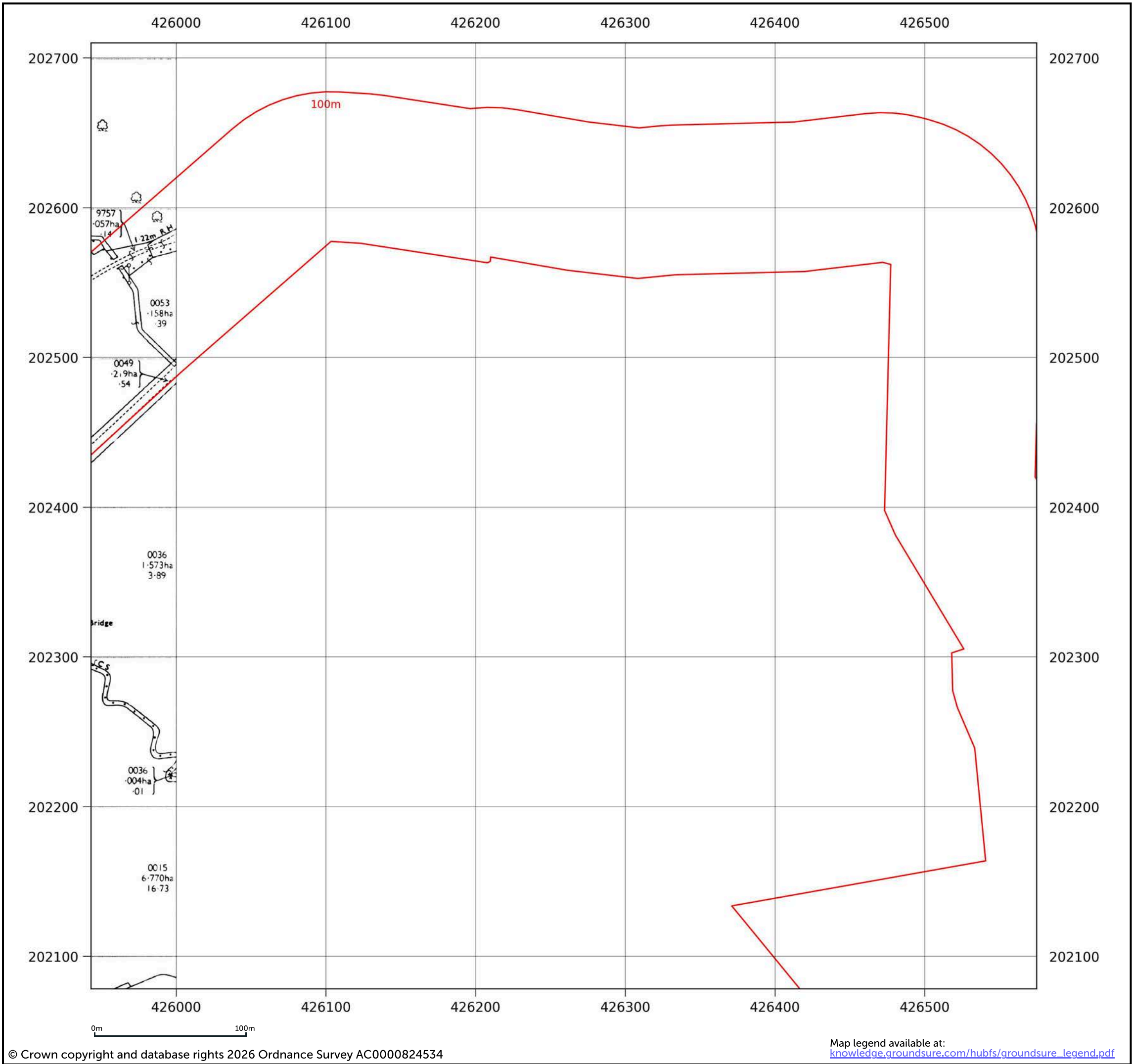


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1972
Scale:	1:2,500
Printed at:	1:2,500



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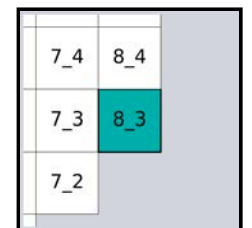
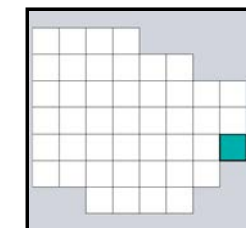
Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

Map name: County Series
Map date: 1876-1881
Scale: 1:2,500
Printed at: 1:2,500

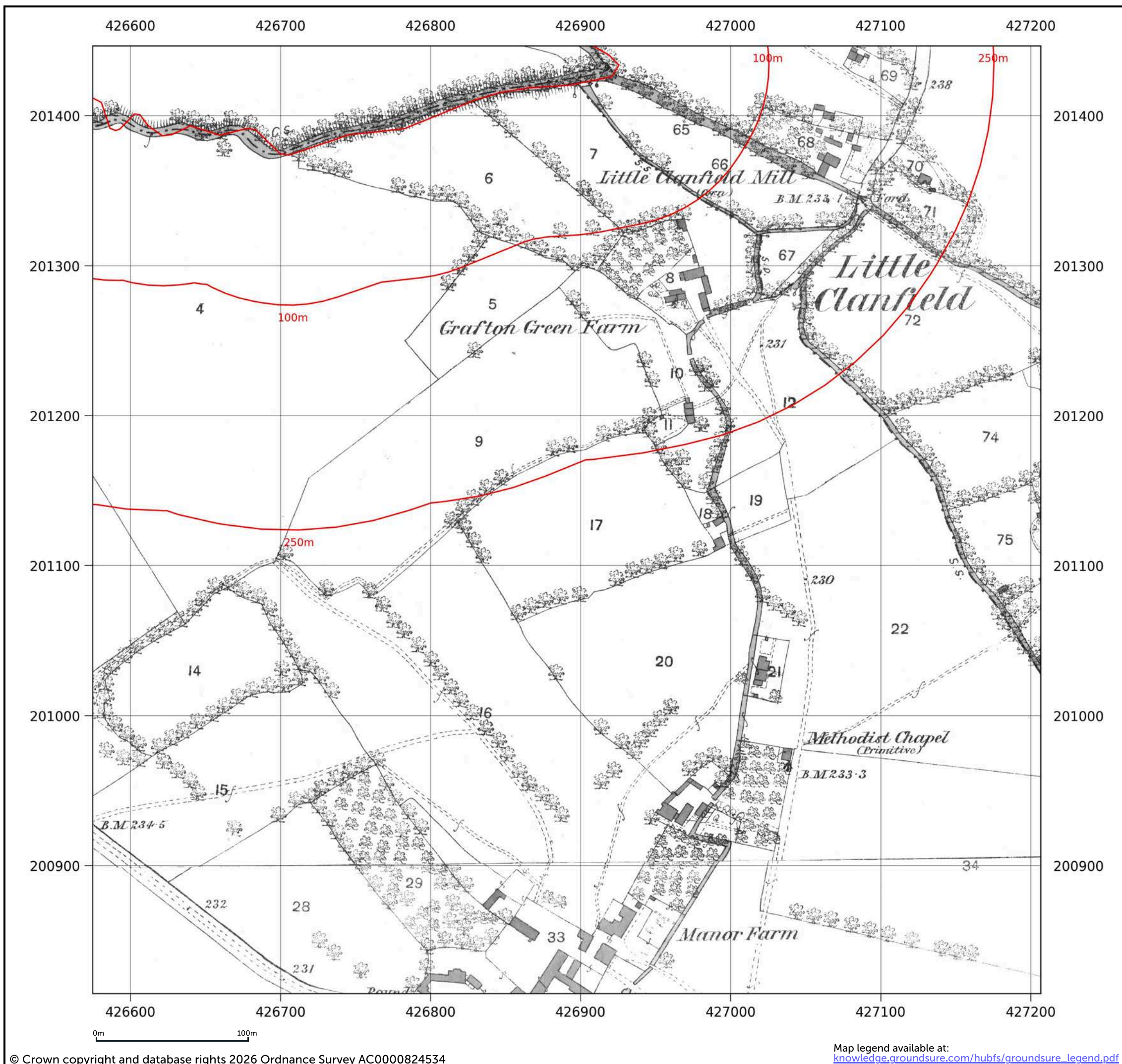


Date: 1881
 Surveyed: 1881
 Revised: 1881

Date: 1876
 Surveyed: 1876
 Revised: 1876



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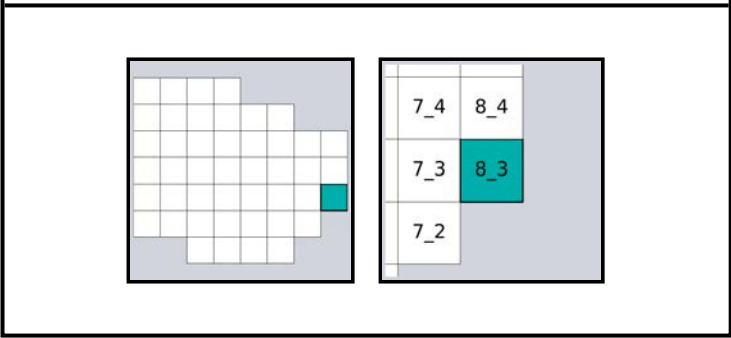


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

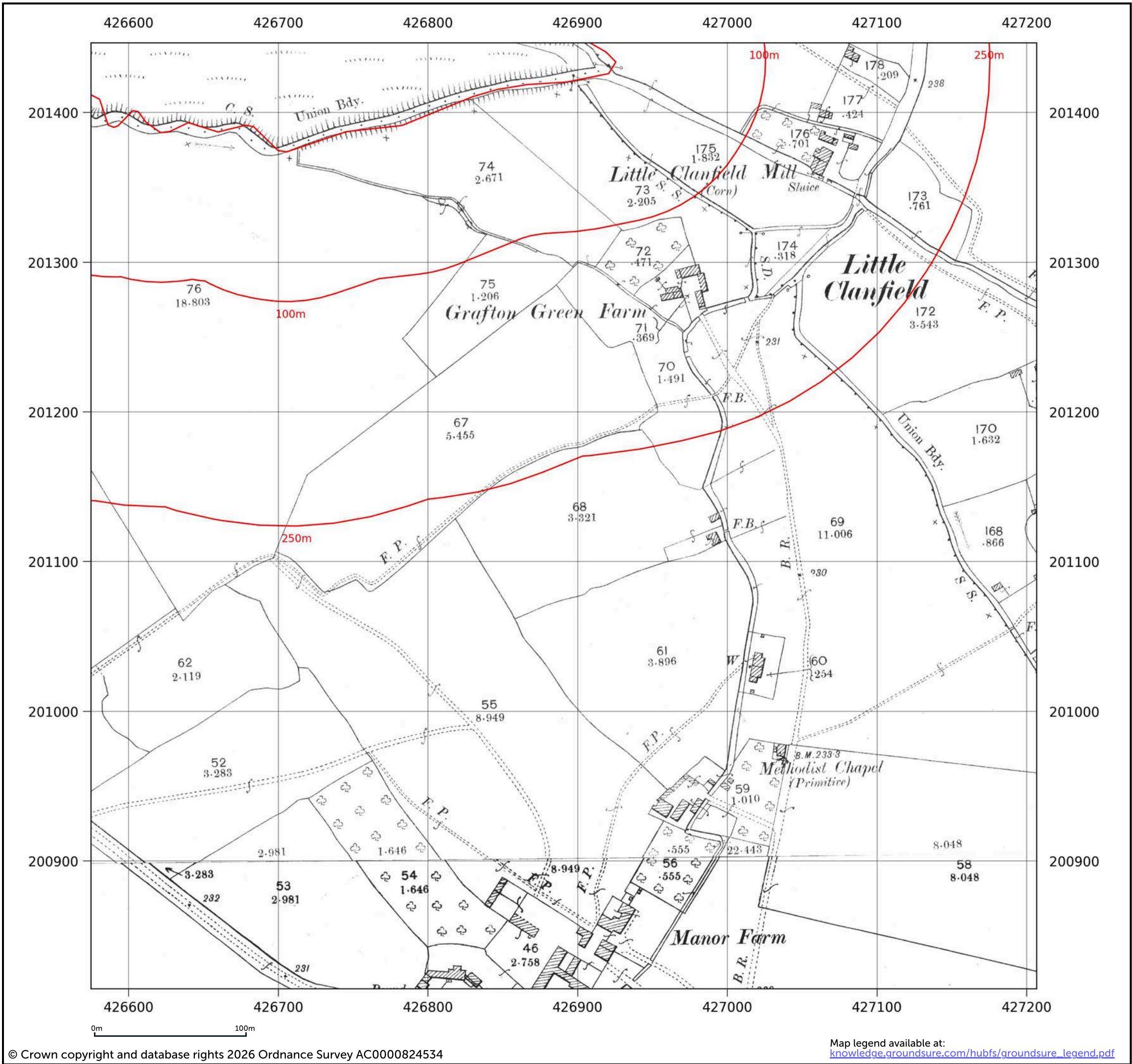
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Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899
Date: 1899 Surveyed: 1899 Revised: 1899



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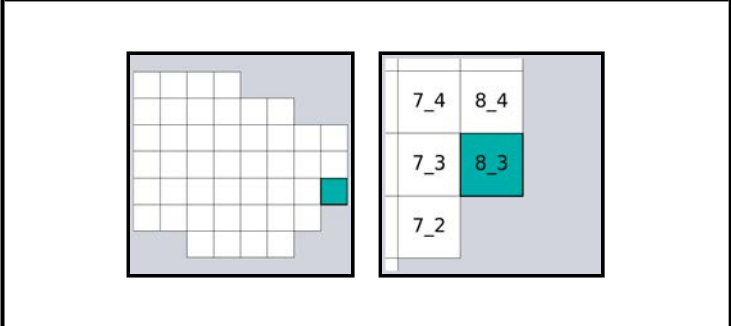


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

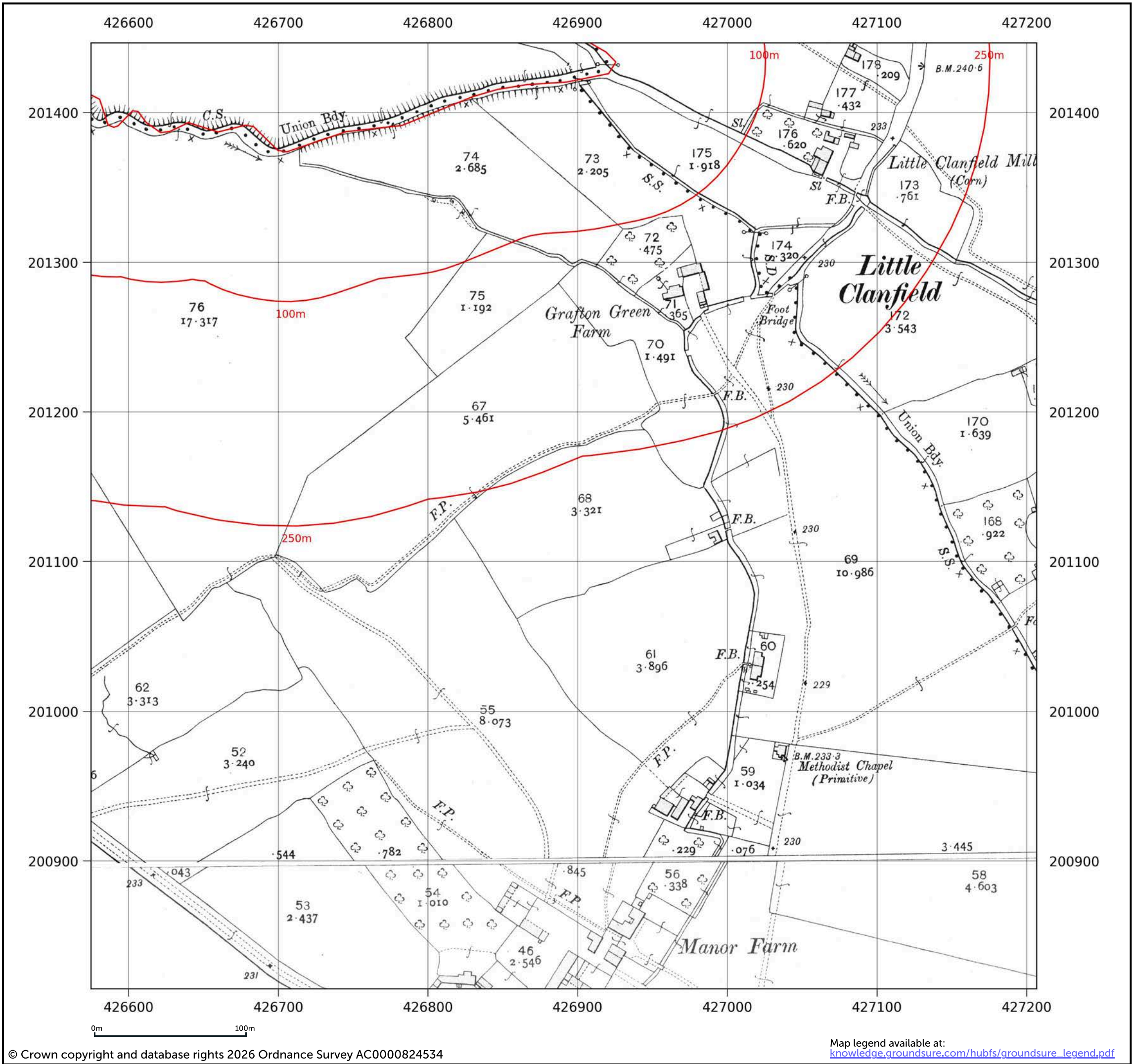
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Map date:	1910-1913
Scale:	1:2,500
Printed at:	1:2,500



Date: 1910 Surveyed: 1910 Revised: 1910
Date: 1913 Surveyed: 1913 Revised: 1913



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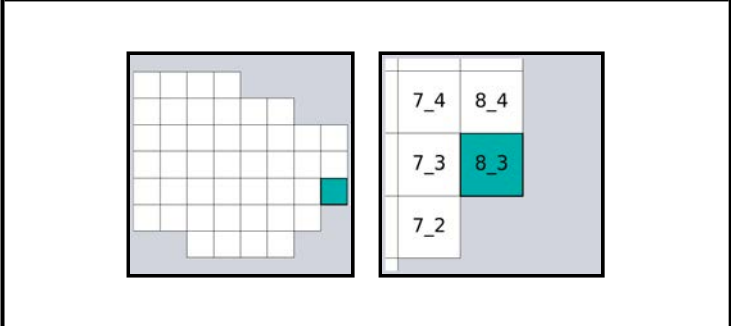


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

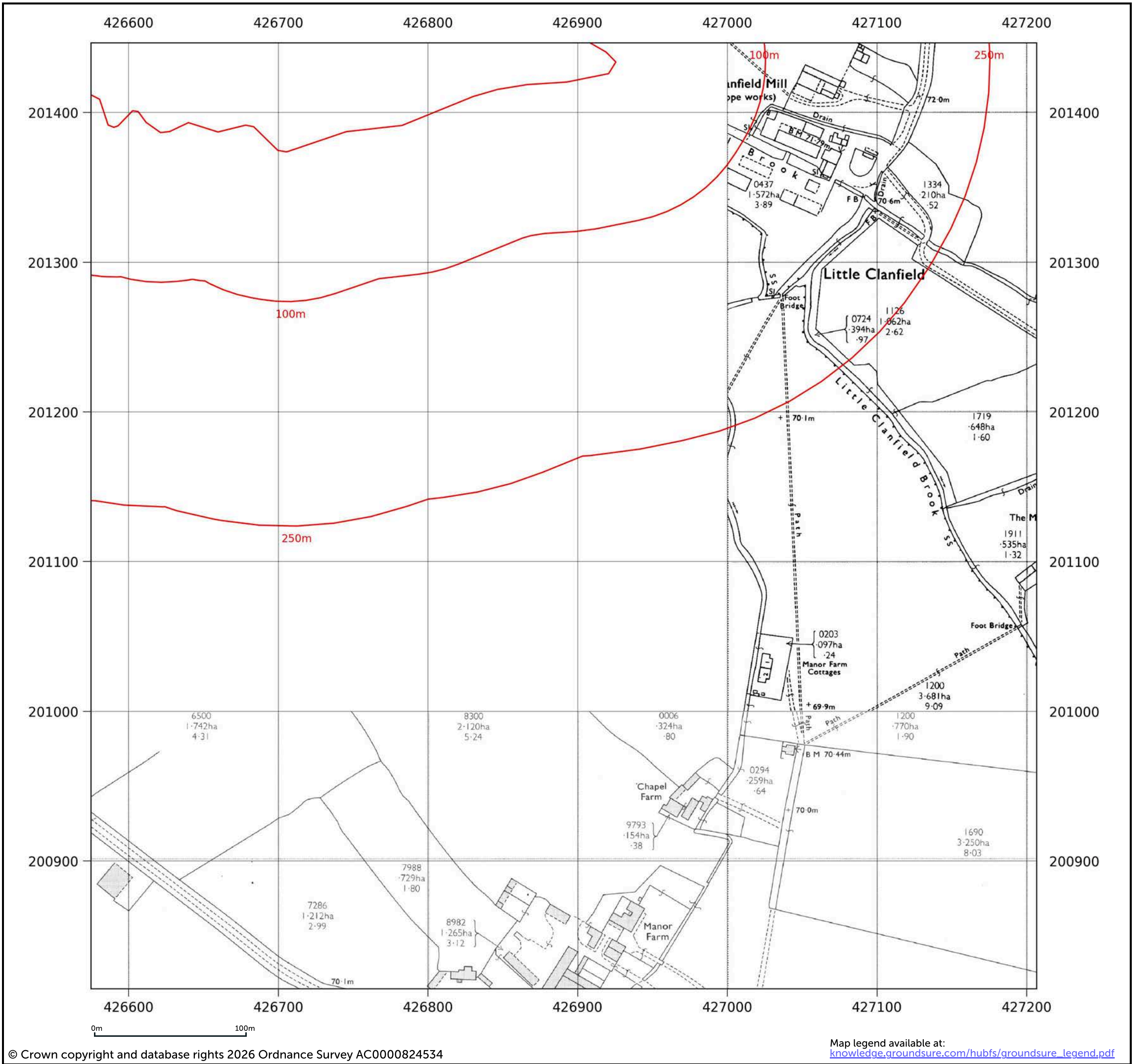
Map name:	National Grid
Map date:	1971
Scale:	1:2,500
Printed at:	1:2,500



Date: 1971
Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1971

Scale:

1:2,500

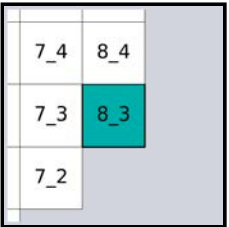
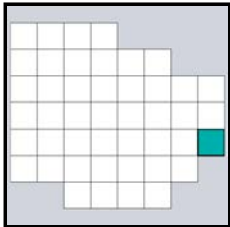
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1:2,500

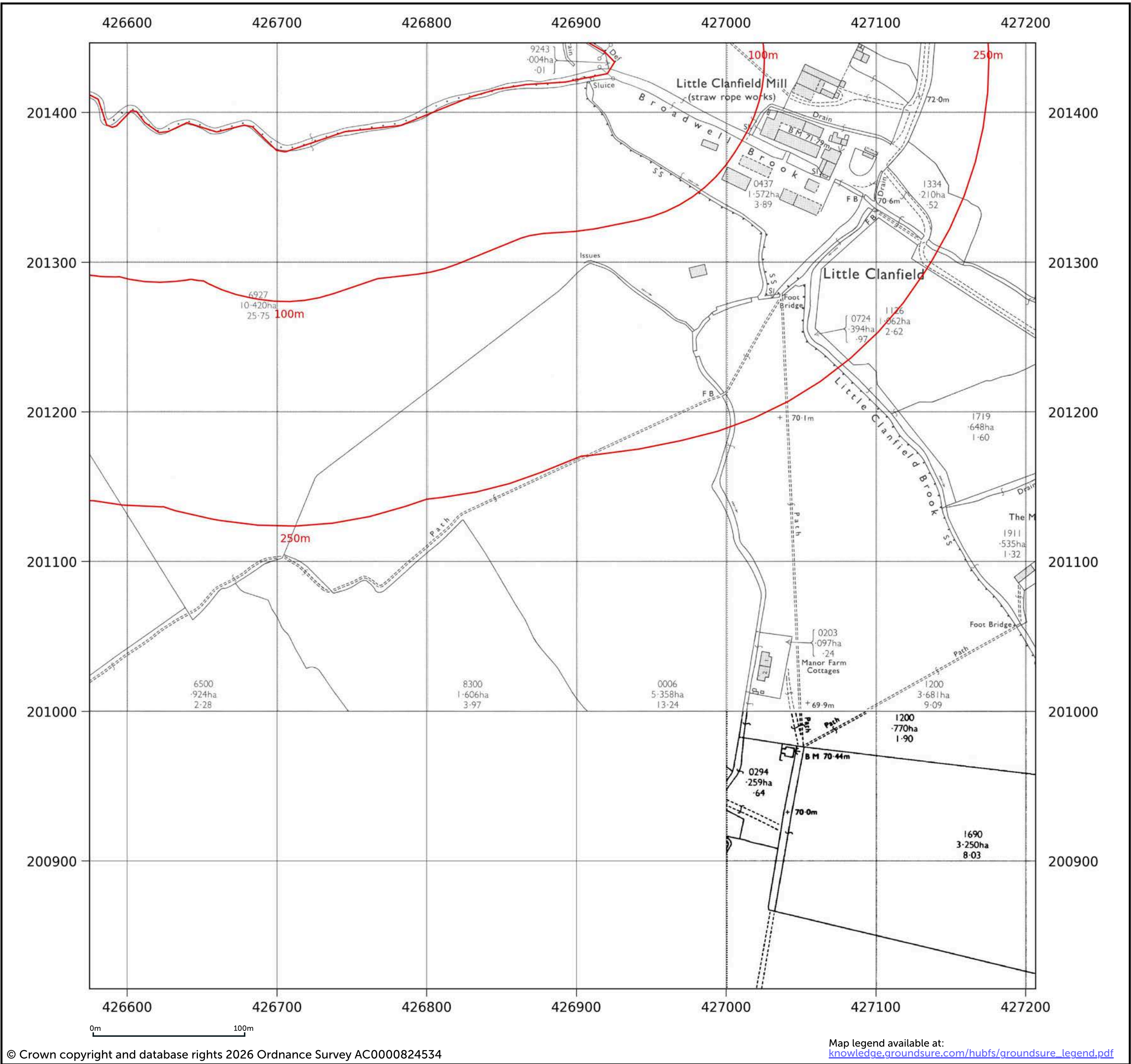


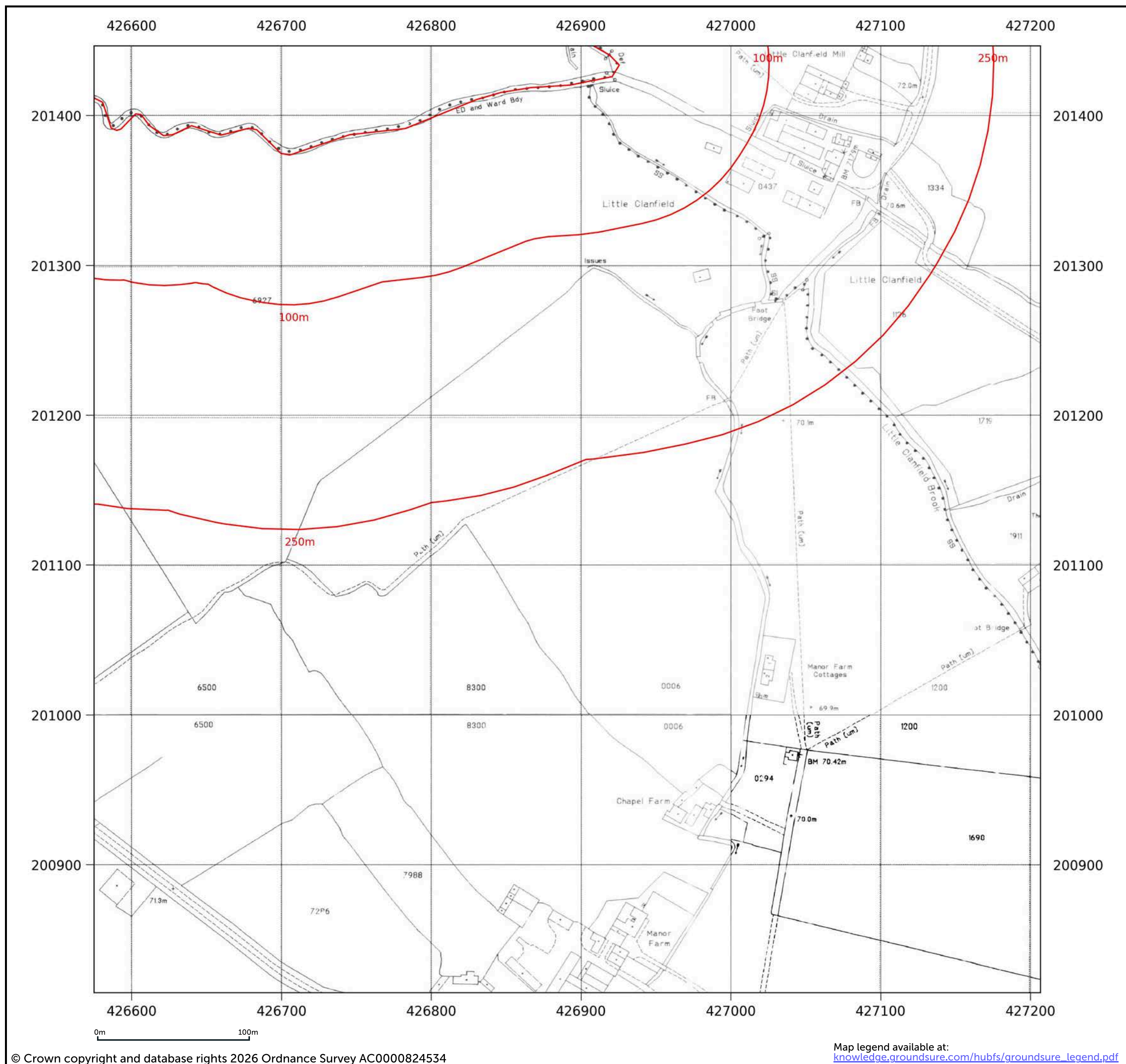
Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953

Date: 1971



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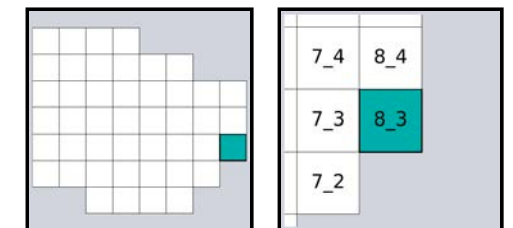


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500



Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Copyright: 1994



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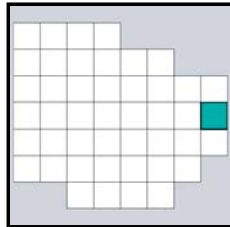


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

Map name:	County Series
Map date:	1881
Scale:	1:2,500
Printed at:	1:2,500

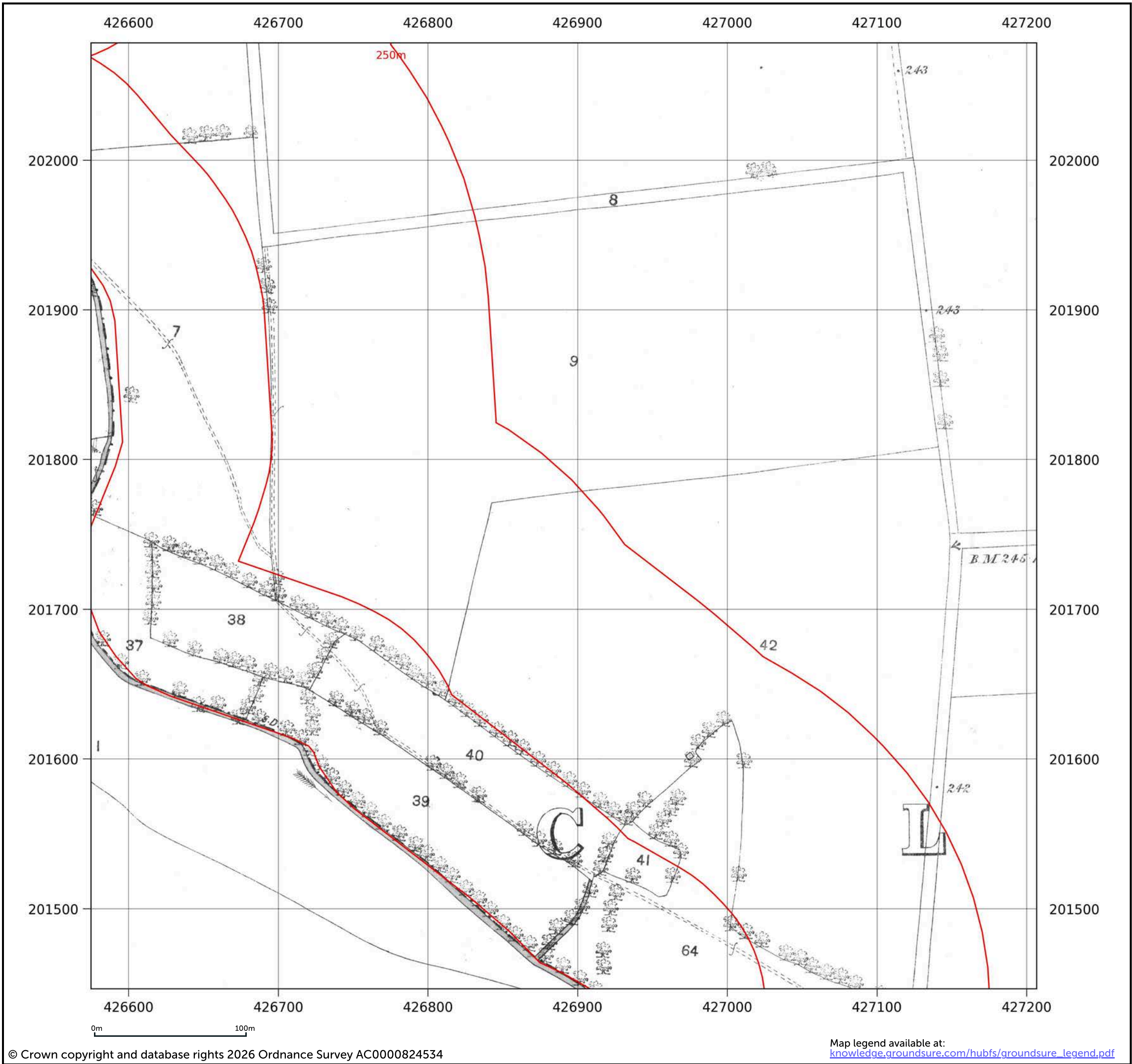


Date: 1881
Surveyed: 1881
Revised: 1881



7_5	8_5
7_4	8_4
7_3	8_3

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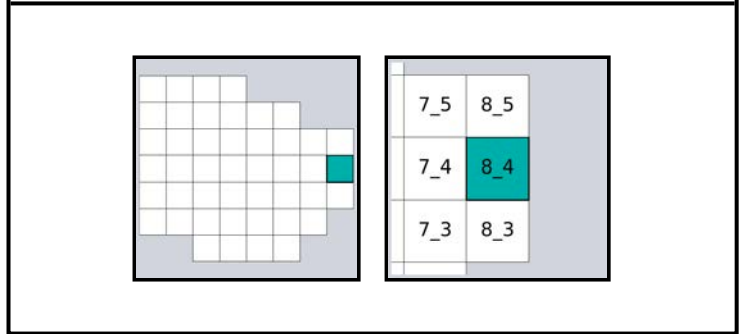


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

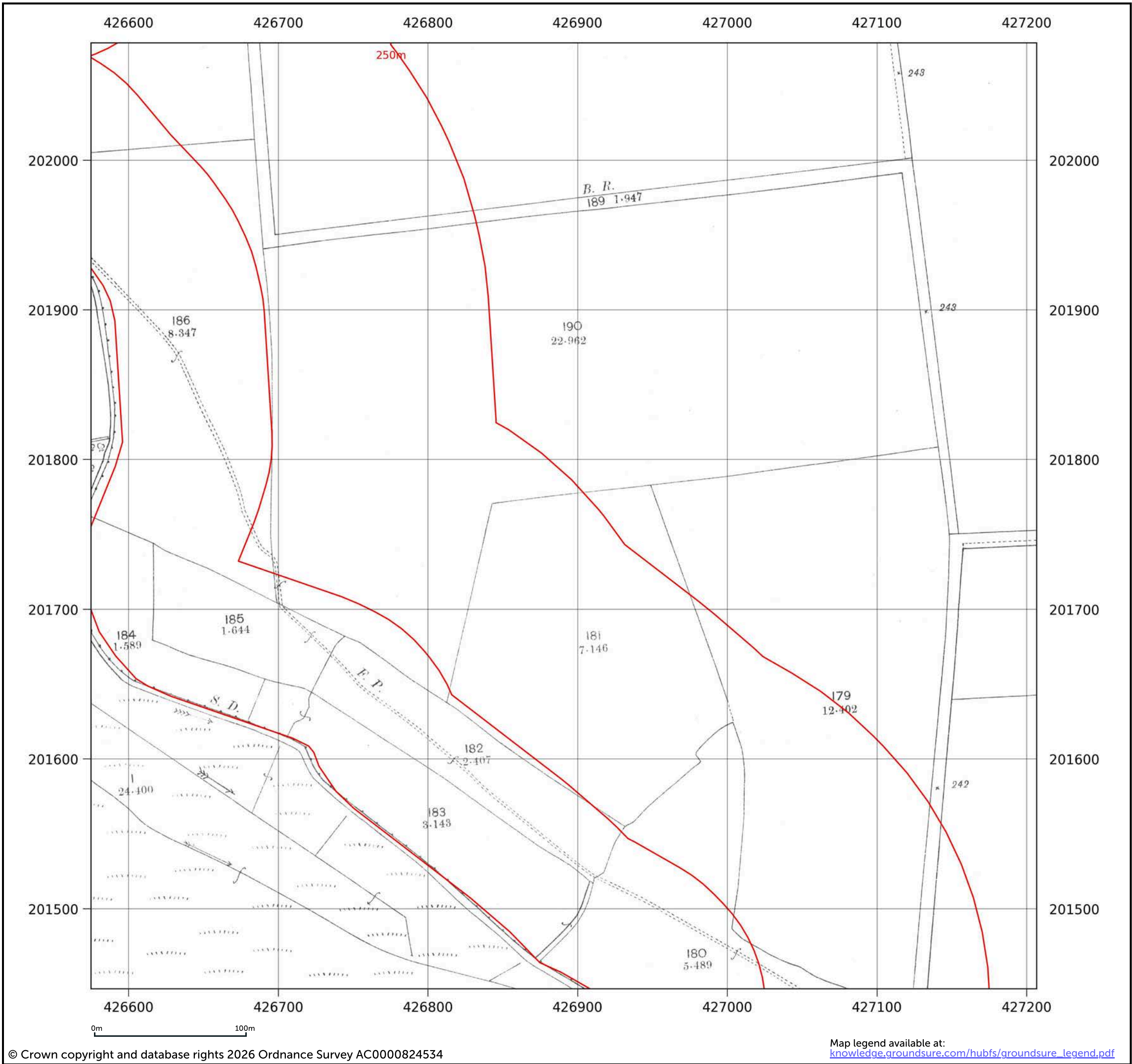
Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1971-1972

Scale:

1:2,500

Printed at:

1:2,500

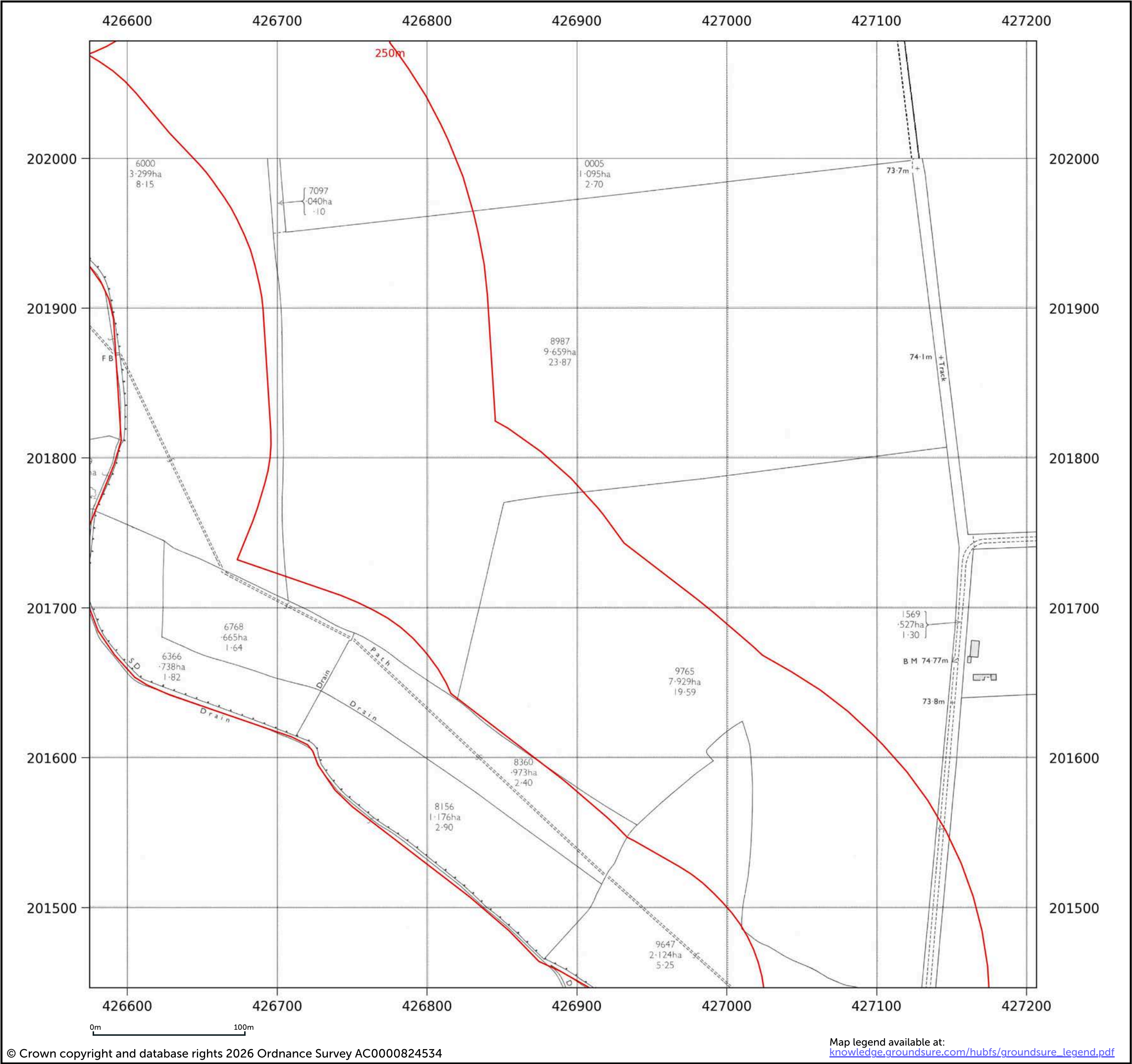
Date: 1972

Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953

7_58_5

7_48_4

7_38_3

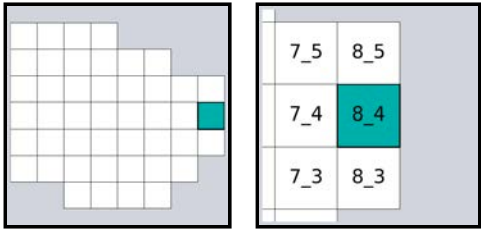


Site details: West Oxfordshire Energy Park
Client ref: P25099
Report ref: GS-NOQ-K5K-LGD-2A4
Grid ref: 424416.47, 201608
Production date: 13 May 2026

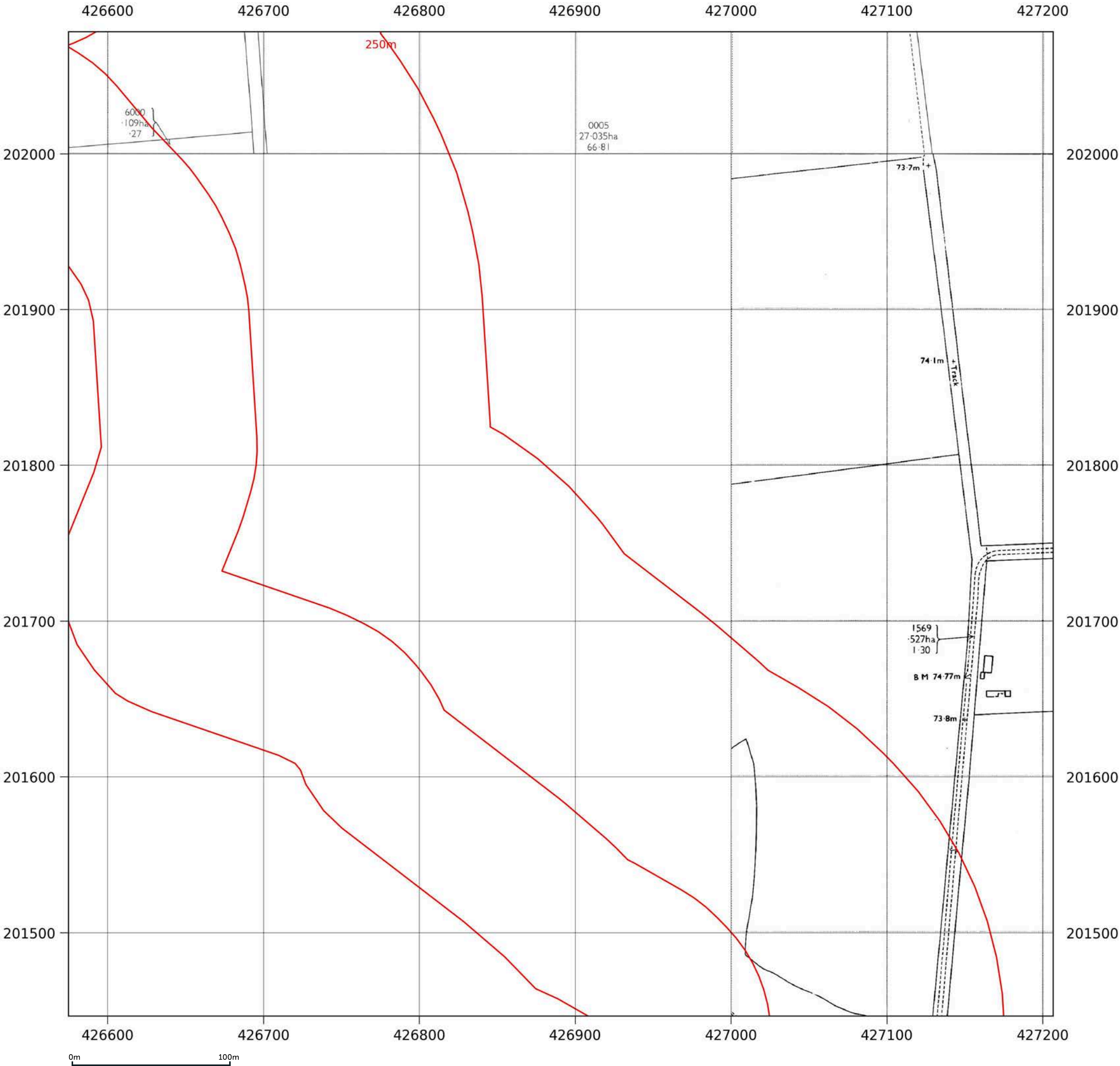
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Map date: 1971-1972
Scale: 1:2,500
Printed at: 1:2,500



Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953
Date: 1971



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1994

Scale:

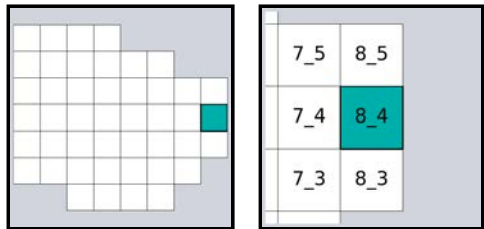
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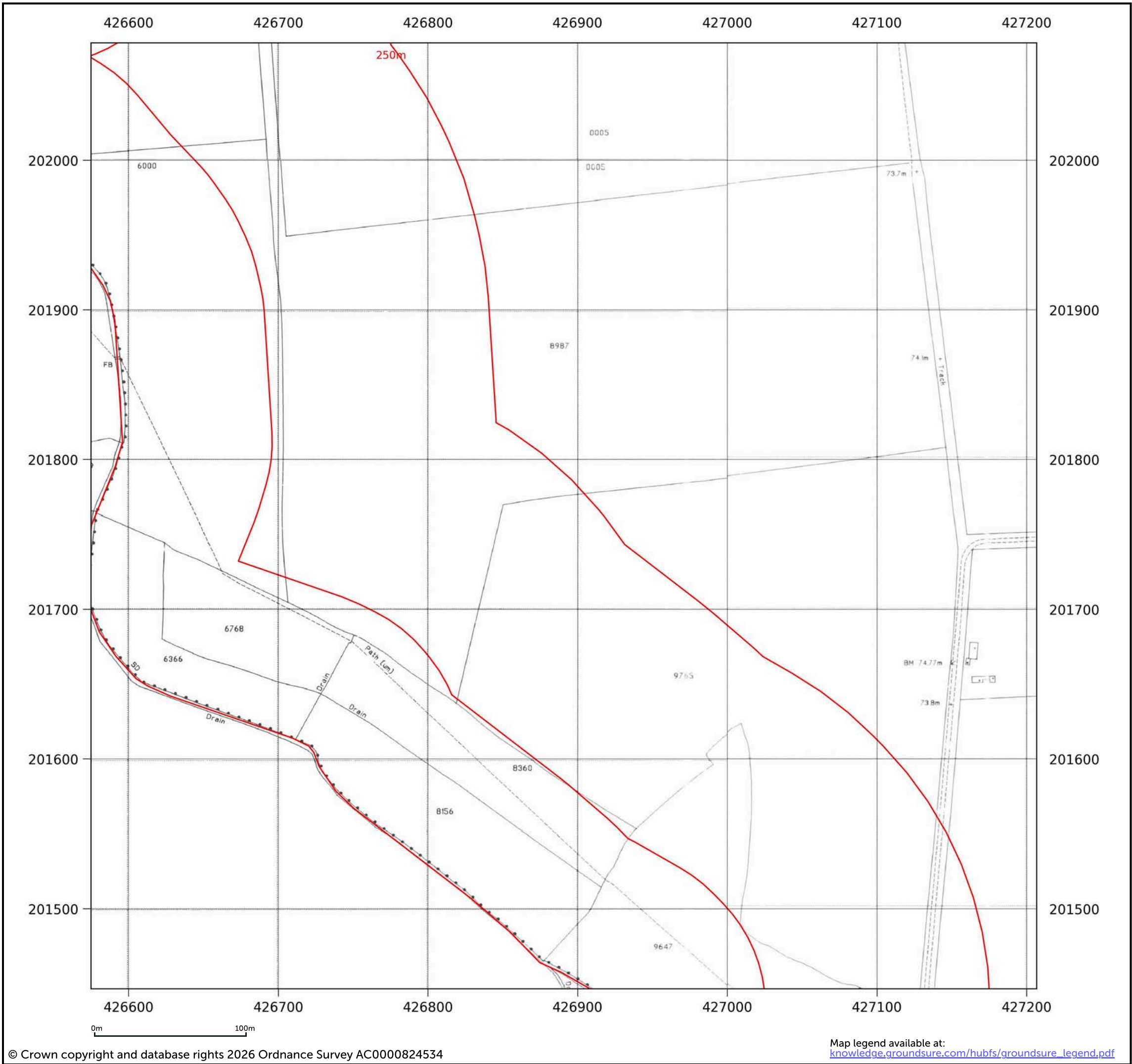
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Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1878-1881

Scale:

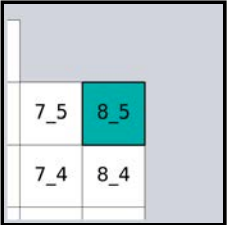
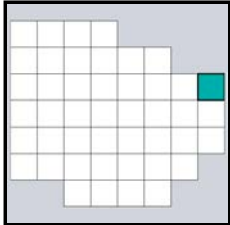
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Printed at:

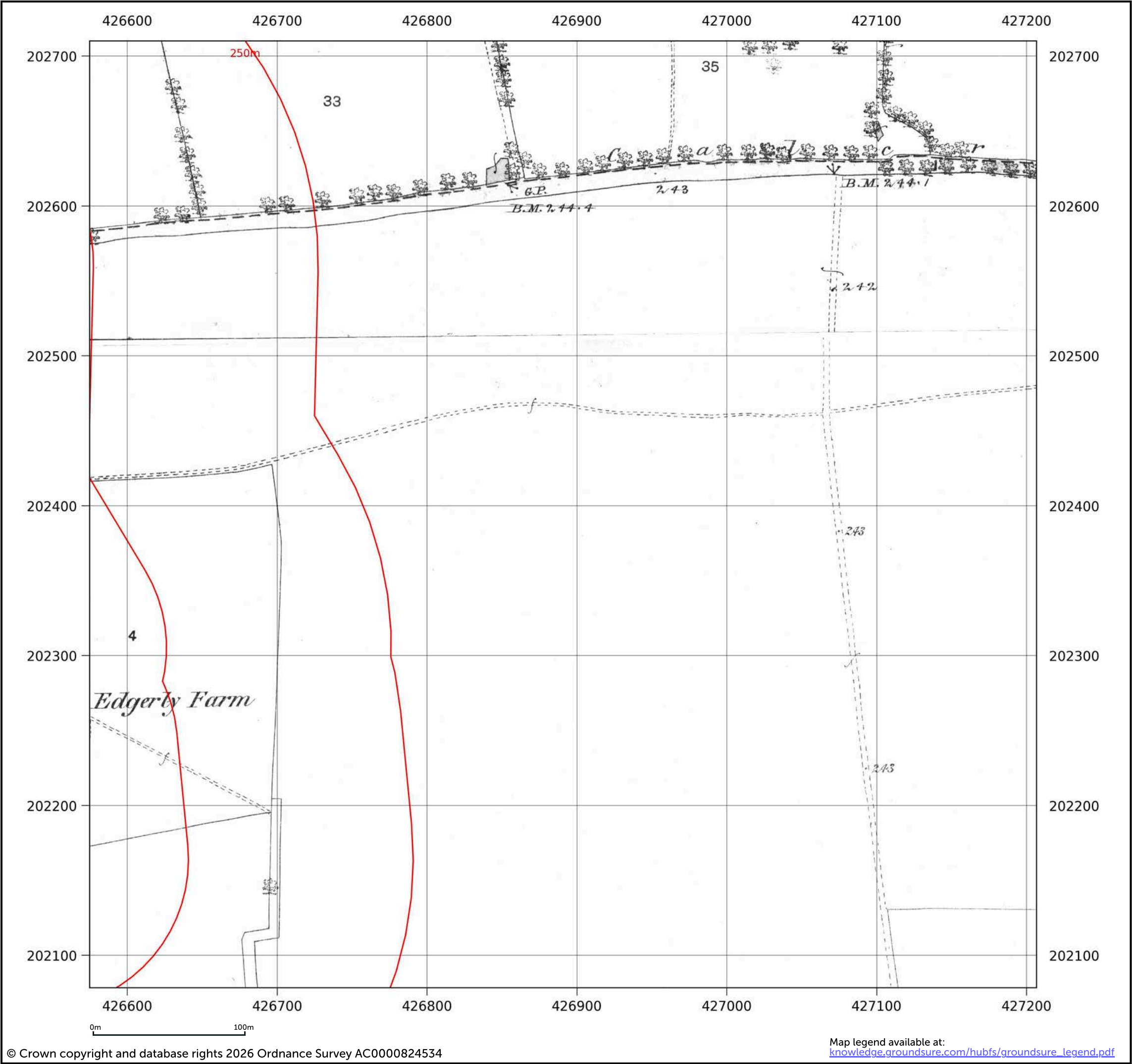
1:2,500

Date: 1878
Surveyed: 1878
Revised: 1878

Date: 1881
Surveyed: 1881
Revised: 1881



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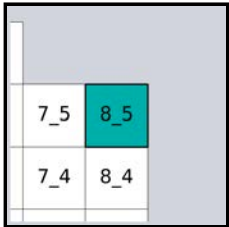
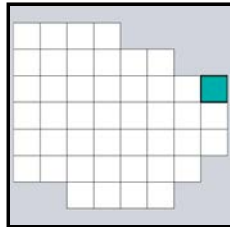


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

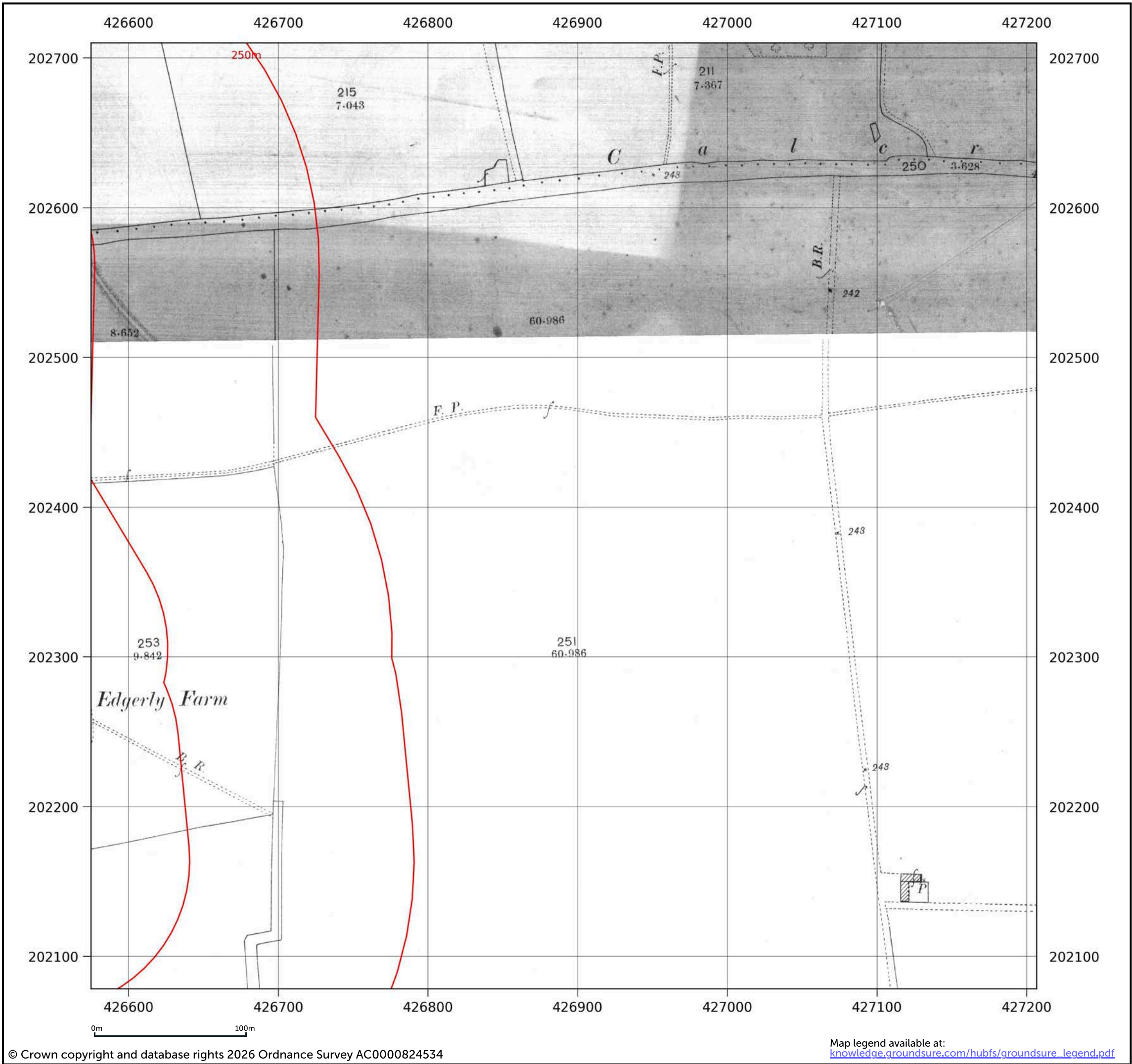
Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899
Date: 1899 Surveyed: 1899 Revised: 1899



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1910

Scale:

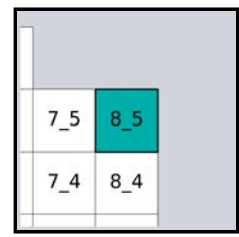
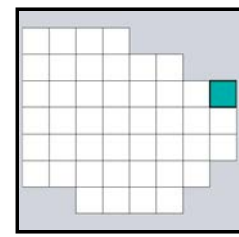
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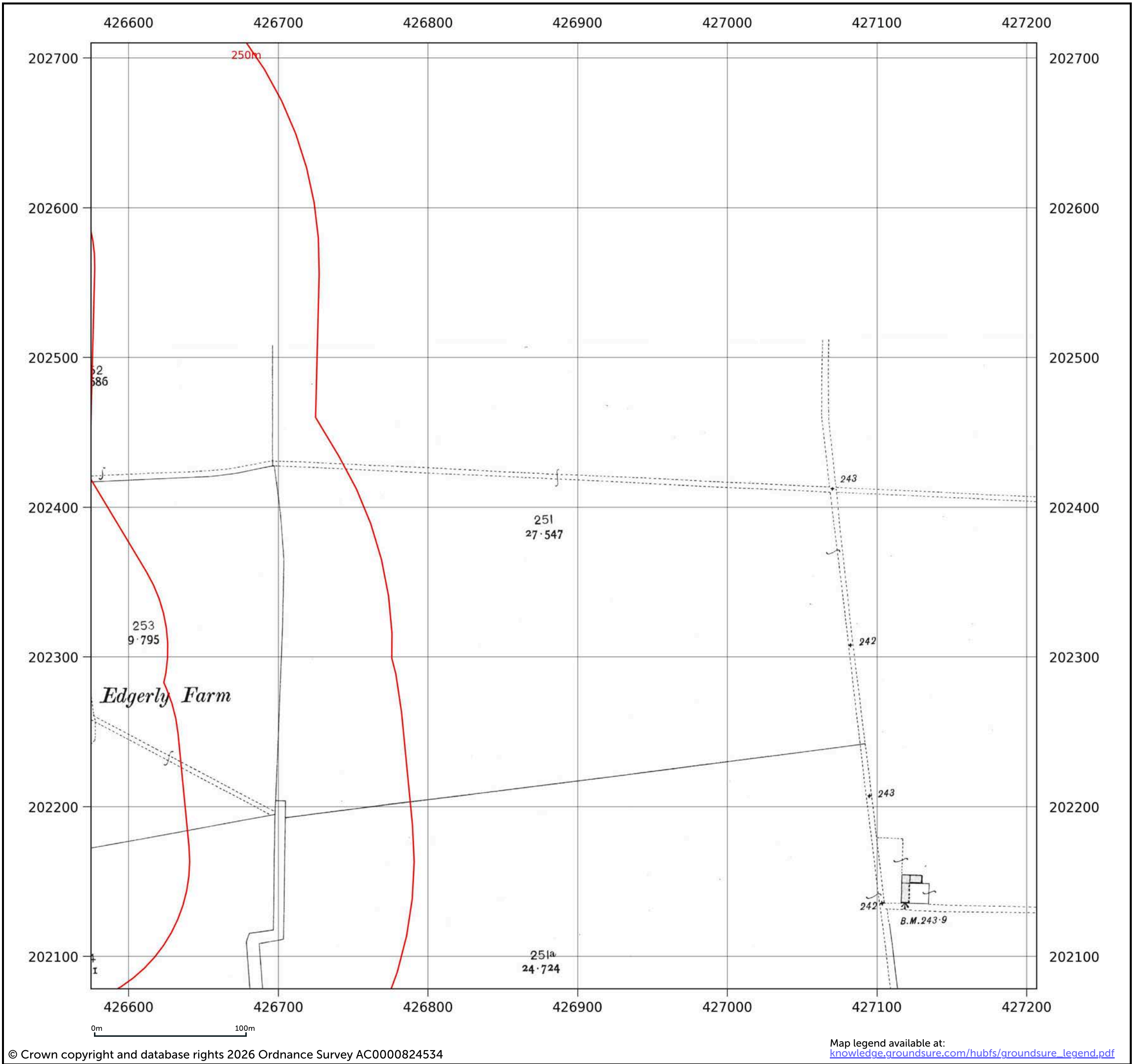
1:2,500



Date: 1910
Surveyed: 1910
Revised: 1910



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

County Series

Map date:

1921

Scale:

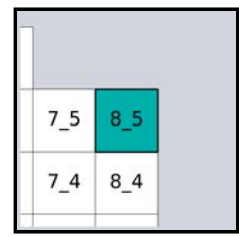
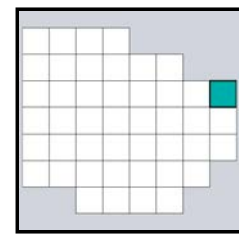
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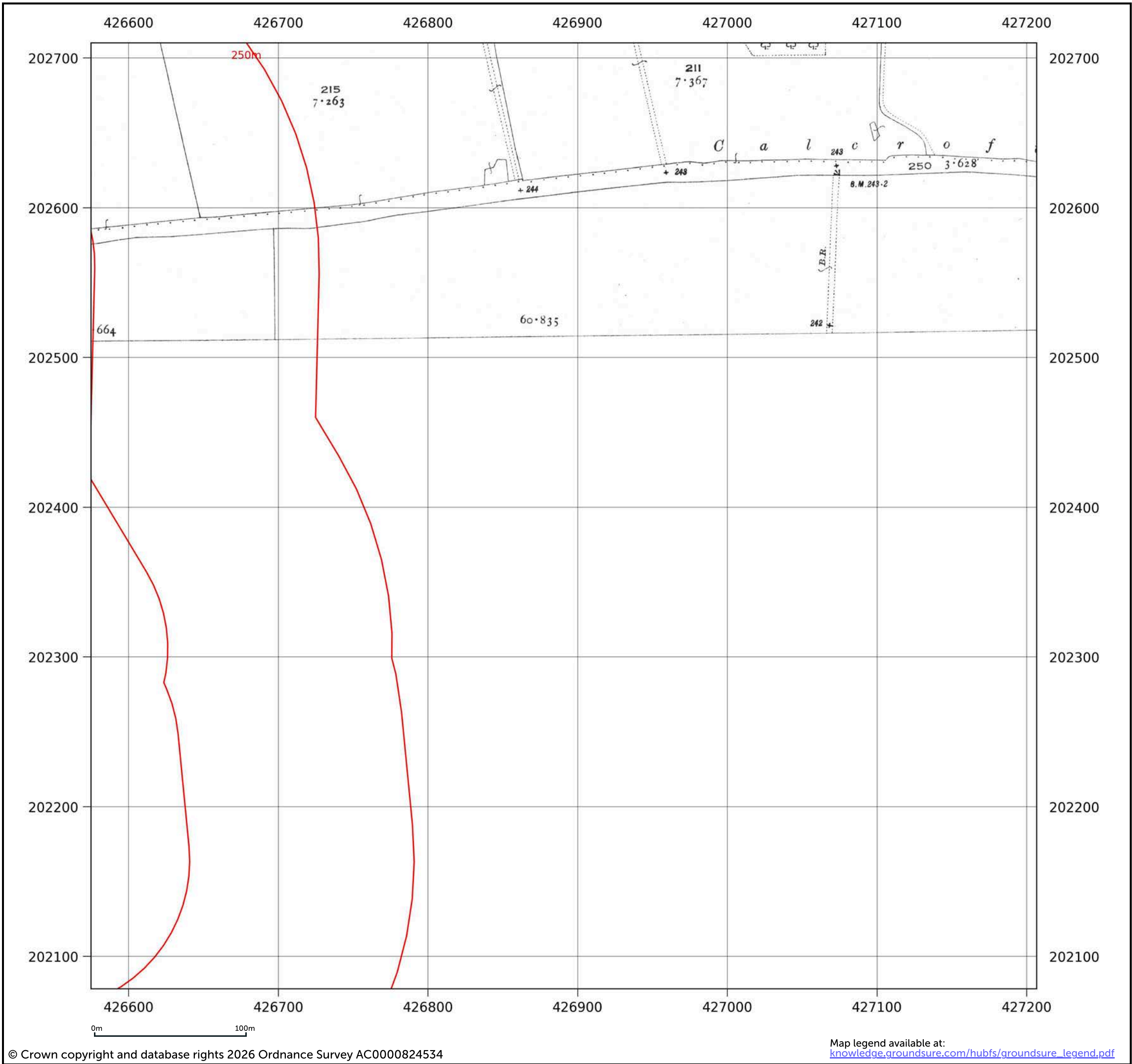
1:2,500



Date: 1921
Surveyed: 1921
Revised: 1921



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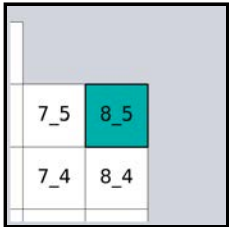
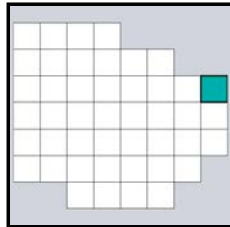


Site details:	West Oxfordshire Energy Park
Client ref:	P25099
Report ref:	GS-NOQ-K5K-LGD-2A4
Grid ref:	424416.47, 201608
Production date:	13 May 2026

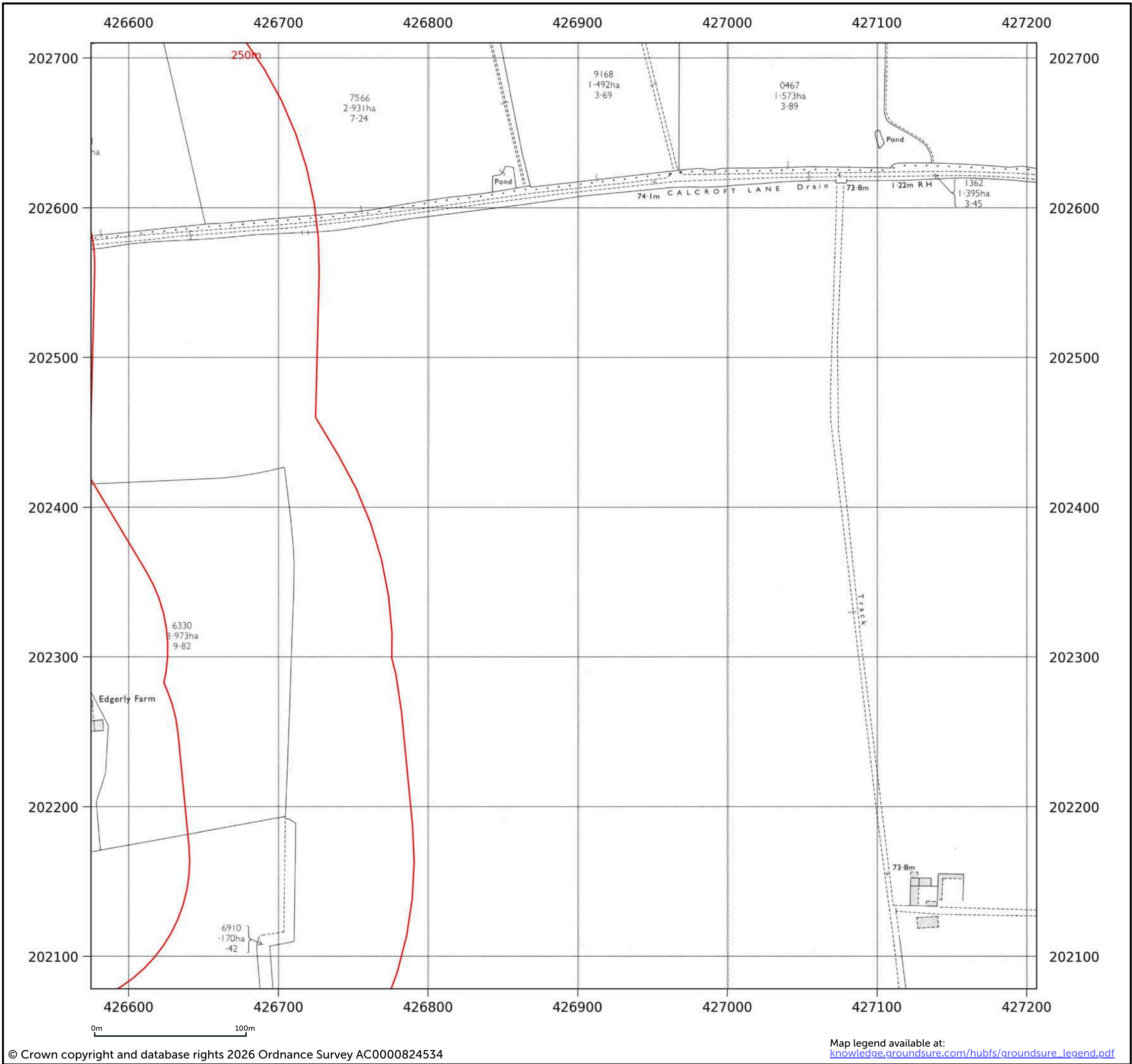
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Map date:	1972
Scale:	1:2,500
Printed at:	1:2,500



Date: 1972
Surveyed: 1971
Revised: 1971
Copyright: 1972
Levelled: 1953



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Site details:

West Oxfordshire Energy Park

Client ref:

P25099

Report ref:

GS-NOQ-K5K-LGD-2A4

Grid ref:

424416.47, 201608

Production date:

13 May 2026

Map name:

National Grid

Map date:

1994

Scale:

1:2,500

Printed at:

1:2,500



Date: 1994

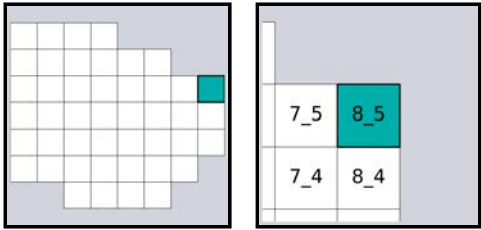
Surveyed: 1994

Revised: 1994

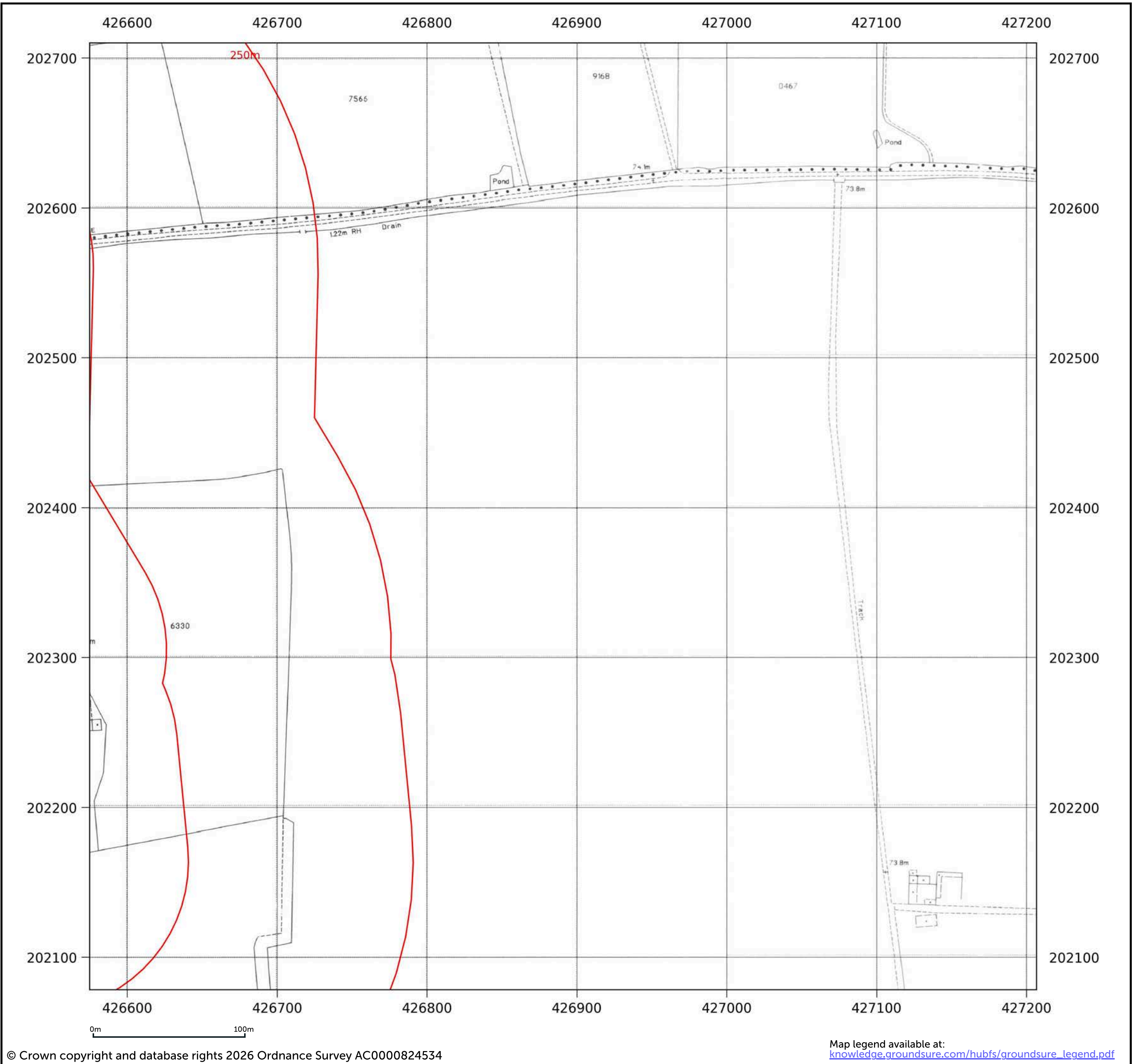
Date: 1994

Surveyed: 1994

Revised: 1994



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West Oxfordshire energy park NW Site

Order Details

Date: 13/05/2026
Your ref: P25099
Our Ref: GS-SYW-S46-EH9-HR3

Site Details

Location: 422037 205332
Area: 44.3 ha
Authority: [West Oxfordshire District Council](#) ↗

Site plan



Quick Links

Summary of findings [p. 2](#) >
OS MasterMap site plan N/A: >10ha
Aerial image [p. 9](#) >

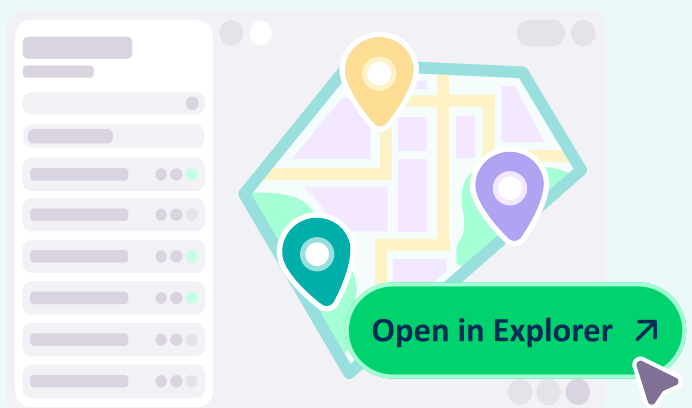
[Insight User Guide](#) ↗

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Access the data now in our interactive workspace.

- Map and interpret 130+ datasets across 170 years
- Generate insights and visuals quickly
- Revisit and collaborate with your team

Access to Groundsure Explorer requires an Insights account.
12 months access begins at purchase.



Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	1	3	9	4	-
15	1.2	Historical tanks	0	0	0	0	-
16	1.3	Historical energy features	0	0	0	0	-
16	1.4	Historical petrol stations	0	0	0	0	-
16	1.5	Historical garages	0	0	0	0	-
16	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
17 >	2.1 >	Historical industrial land uses >	2	3	12	4	-
18	2.2	Historical tanks	0	0	0	0	-
19	2.3	Historical energy features	0	0	0	0	-
19	2.4	Historical petrol stations	0	0	0	0	-
19	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
20	3.1	Active or recent landfill	0	0	0	0	-
20	3.2	Historical landfill (BGS records)	0	0	0	0	-
21	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
21	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
21	3.5	Historical waste sites	0	0	0	0	-
21	3.6	Licensed waste sites	0	0	0	0	-
21 >	3.7 >	Waste exemptions >	0	0	12	13	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
24 >	4.1 >	Recent industrial land uses >	1	3	6	-	-
25	4.2	National Geographic Database (NGD) - Current or recent tanks	0	0	0	-	-
25	4.3	Current or recent petrol stations	0	0	0	0	-
25	4.4	Electricity cables	0	0	0	0	-
26	4.5	Gas pipelines	0	0	0	0	-



26	4.6	Sites determined as Contaminated Land	0	0	0	0	-
26	4.7	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
26	4.8	Regulated explosive sites	0	0	0	0	-
26	4.9	Hazardous substance storage/usage	0	0	0	0	-
27	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
27	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
27	4.12	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
27	4.13	Radioactive Substance Authorisations	0	0	0	0	-
27	4.14	Licensed Discharges to controlled waters	0	0	0	0	-
28	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
28	4.16	Pollutant release to public sewer	0	0	0	0	-
28	4.17	List 1 Dangerous Substances	0	0	0	0	-
28	4.18	List 2 Dangerous Substances	0	0	0	0	-
28	4.19	Pollution Incidents (EA/NRW)	0	0	0	0	-
29	4.20	Pollution inventory substances	0	0	0	0	-
29	4.21	Pollution inventory waste transfers	0	0	0	0	-
29	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
30 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
32 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
34 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
38 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
39	5.5	Groundwater vulnerability- local information	None (within 0m)				
40 >	5.6 >	Groundwater abstractions >	0	0	1	1	17
45 >	5.7 >	Surface water abstractions >	0	0	0	0	1
45 >	5.8 >	Potable abstractions >	0	0	0	0	5
47	5.9	Source Protection Zones	0	0	0	0	-
47	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m



48 >	6.1 >	Water Network (OS NGD) >	2	19	5	-	-
51 >	6.2 >	Surface water features >	1	12	3	-	-
51 >	6.3 >	WFD Surface water body catchments >	3	-	-	-	-
51 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
52 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
53 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
54	7.2	Historical Flood Events	0	0	0	-	-
54	7.3	Flood Defences	0	0	0	-	-
54	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
54	7.5	Flood Storage Areas	0	0	0	-	-
55 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
56 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
57 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
59 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
60	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
61	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
61	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
61	10.4	Special Protection Areas (SPA)	0	0	0	0	0
61	10.5	National Nature Reserves (NNR)	0	0	0	0	0
62	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
62 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	5
62	10.8	Biosphere Reserves	0	0	0	0	0
63	10.9	Forest Parks	0	0	0	0	0
63	10.10	Marine Conservation Zones	0	0	0	0	0
63	10.11	Green Belt	0	0	0	0	0



63	10.12	Proposed Ramsar sites	0	0	0	0	0
63	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
64	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
64	10.15	Nitrate Sensitive Areas	0	0	0	0	0
64 >	10.16 >	Nitrate Vulnerable Zones >	3	2	1	0	5
66 >	10.17 >	SSSI Impact Risk Zones >	4	-	-	-	-
67	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
68	11.1	World Heritage Sites	0	0	0	-	-
69 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	1	-	-
69	11.3	National Parks	0	0	0	-	-
69	11.4	Listed Buildings	0	0	0	-	-
70	11.5	Conservation Areas	0	0	0	-	-
70 >	11.6 >	Scheduled Ancient Monuments >	0	0	1	-	-
70	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
71 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
72	12.2	Open Access Land	0	0	0	-	-
72 >	12.3 >	Tree Felling Licences >	0	2	0	-	-
72 >	12.4 >	Environmental Stewardship Schemes >	1	2	3	-	-
73 >	12.5 >	Countryside Stewardship Schemes >	4	4	3	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
74 >	13.1 >	Priority Habitat Inventory >	0	5	3	-	-
75	13.2	Habitat Networks	0	0	0	-	-
75	13.3	Open Mosaic Habitat	0	0	0	-	-
75	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
76 >	14.1 >	10k Availability >	Identified (within 500m)				
77	14.2	Artificial and made ground (10k)	0	0	0	0	-



78	14.3	Superficial geology (10k)	0	0	0	0	-
78	14.4	Landslip (10k)	0	0	0	0	-
79	14.5	Bedrock geology (10k)	0	0	0	0	-
79	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
80 >	15.1 >	50k Availability >	Identified (within 500m)				
81	15.2	Artificial and made ground (50k)	0	0	0	0	-
81	15.3	Artificial ground permeability (50k)	0	0	-	-	-
82 >	15.4 >	Superficial geology (50k) >	3	1	0	0	-
83 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
83	15.6	Landslip (50k)	0	0	0	0	-
83	15.7	Landslip permeability (50k)	None (within 50m)				
84 >	15.8 >	Bedrock geology (50k) >	5	2	8	5	-
85 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
86 >	15.10 >	Bedrock faults and other linear features (50k) >	1	0	1	4	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
87 >	16.1 >	BGS Boreholes >	0	0	4	-	-
Page	Section	Natural ground subsidence >					
89 >	17.1 >	Shrink swell clays >	Low (within 50m)				
91 >	17.2 >	Running sands >	Low (within 50m)				
93 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
95 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
96 >	17.5 >	Landslides >	Low (within 50m)				
98 >	17.6 >	Ground dissolution of soluble rocks >	Low (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
100 >	18.1 >	BritPits >	1	1	3	1	-
102 >	18.2 >	Surface ground workings >	2	3	15	-	-
103	18.3	Underground workings	0	0	0	0	0
103	18.4	Underground mining extents	0	0	0	0	-



104	18.5	Historical Mineral Planning Areas	0	0	0	0	-
104	18.6	Non-coal mining	0	0	0	0	0
104	18.7	JPB mining areas	None (within 0m)				
104	18.8	The Coal Authority non-coal mining	0	0	0	0	-
105	18.9	Researched mining	0	0	0	0	-
105	18.10	Mining record office plans	0	0	0	0	-
105	18.11	BGS mine plans	0	0	0	0	-
105	18.12	Coal mining	None (within 0m)				
105	18.13	Brine areas	None (within 0m)				
106	18.14	Gypsum areas	None (within 0m)				
106	18.15	Tin mining	None (within 0m)				
106	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
107	19.1	Natural cavities	0	0	0	0	-
107	19.2	Mining cavities	0	0	0	0	0
107	19.3	Reported recent incidents	0	0	0	0	-
107	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
109 >	20.1 >	Radon >	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
111 >	21.1 >	BGS Estimated Background Soil Chemistry >	30	18	-	-	-
114	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
114	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
115	22.1	Underground railways (London)	0	0	0	-	-
115	22.2	Underground railways (Non-London)	0	0	0	-	-
115	22.3	Railway tunnels	0	0	0	-	-
115	22.4	Historical railway and tunnel features	0	0	0	-	-
115	22.5	Royal Mail tunnels	0	0	0	-	-



116	22.6	Historical railways	0	0	0	-	-
116	22.7	Railways	0	0	0	-	-
116	22.8	Crossrail 2	0	0	0	0	-
116	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 22/06/2022

Site Area: 44.3ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 May 2026

Recent site history - 2019 aerial photograph



Capture Date: 24/08/2019

Site Area: 44.3ha



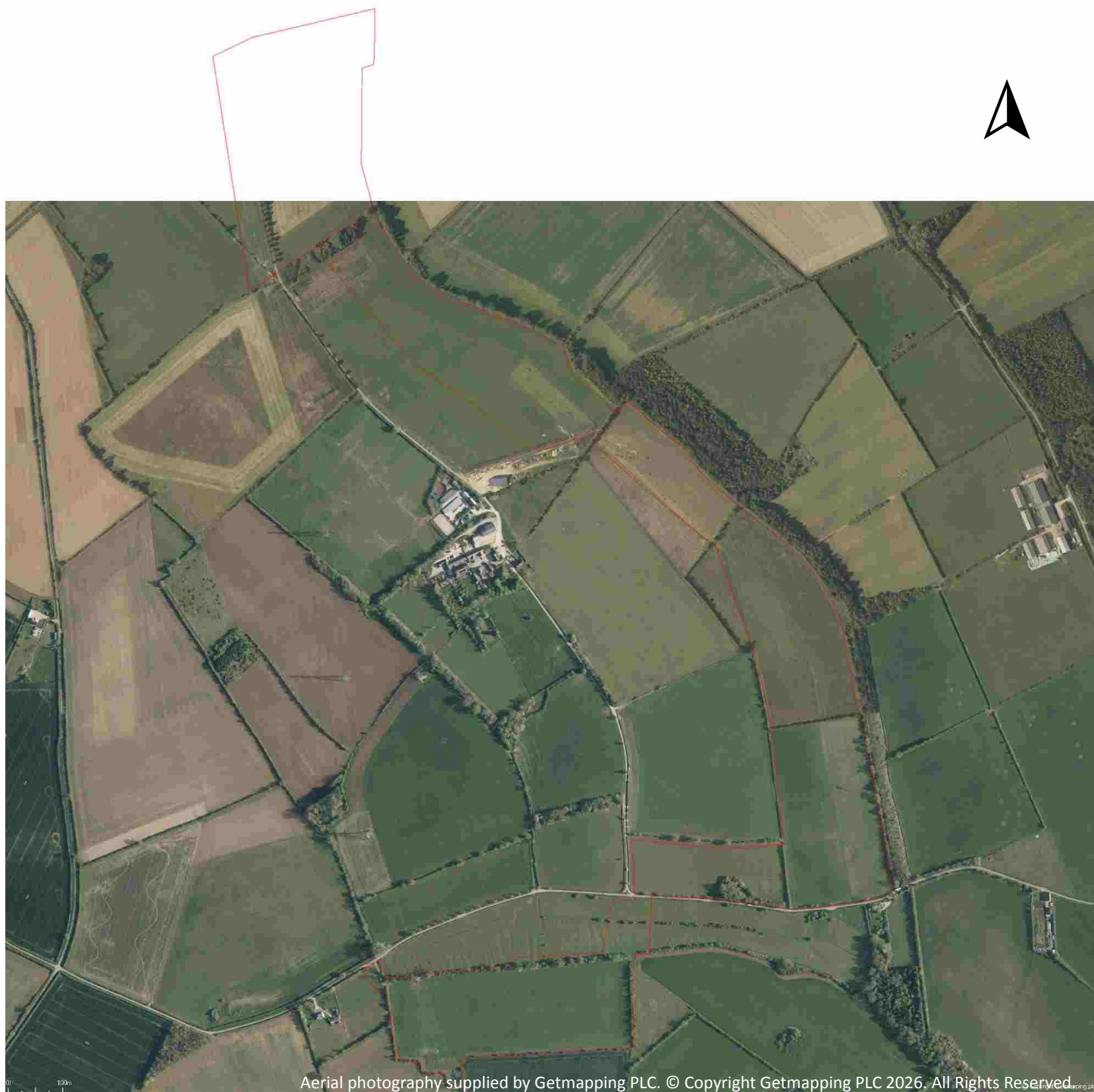
Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 May 2026

Recent site history - 2016 aerial photograph



Capture Date: 04/05/2016

Site Area: 44.3ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 May 2026

Recent site history - 2014 aerial photograph



Capture Date: 15/04/2014

Site Area: 44.3ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 May 2026

Recent site history - 1999 aerial photograph



Capture Date: 25/06/1999

Site Area: 44.3ha



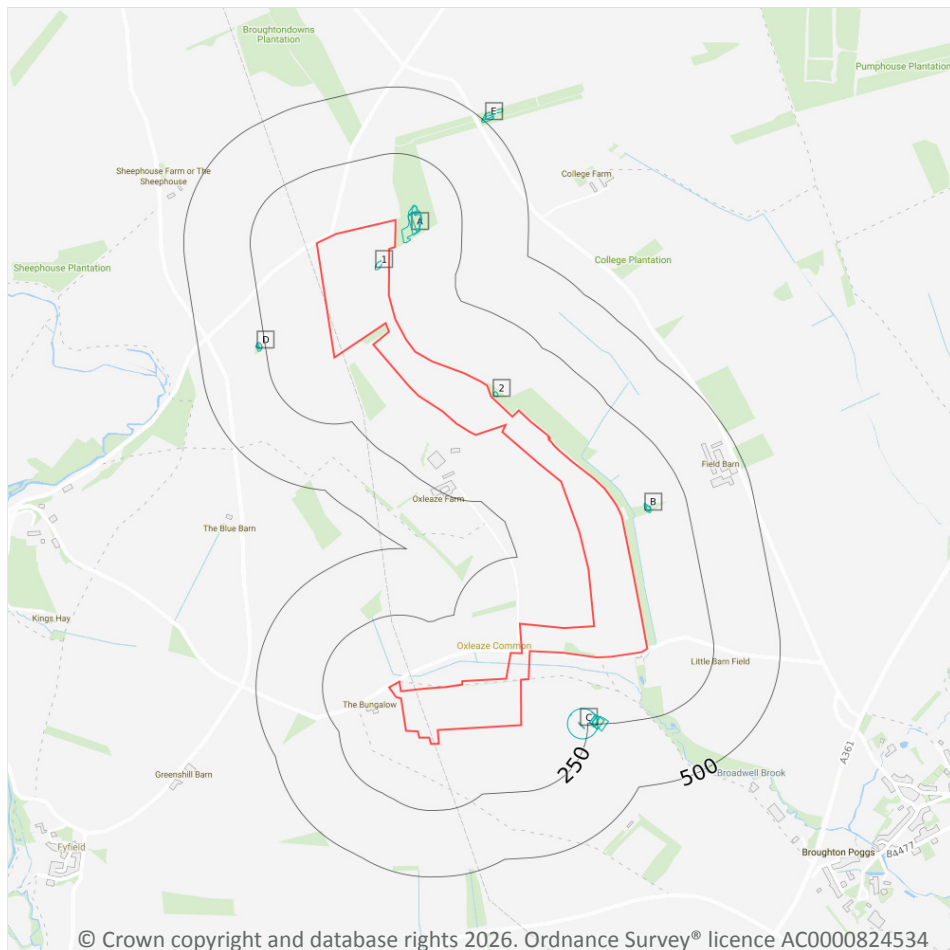
Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 May 2026

1 Past land use



— Site Outline
Search buffers in metres (m)
 Historical industrial land uses

1.1 Historical industrial land uses

Records within 500m

17

Potentially contaminative land use features digitised from historical Ordnance Survey® mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 14 >](#)

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Old Quarry	1923 - 1956	1839899



ID	Location	Land use	Dates present	Group ID
2	11m NE	Refuse Heap	1923	1783193
A	23m E	Unspecified Quarries	1880	1800498
A	50m E	Unspecified Old Quarries	1900 - 1923	1859936
A	56m E	Unspecified Pit	1956	1777891
A	70m NE	Unspecified Pit	1956	1777890
B	92m E	Unspecified Quarry	1956	1797230
B	98m NE	Unspecified Pit	1923	1875287
C	174m E	Unspecified Old Quarry	1923	1826035
C	216m S	Unspecified Disused Quarry	1976	1795593
C	216m S	Unspecified Old Quarry	1923 - 1956	1845179
C	220m S	Unspecified Quarry	1900	1797243
C	222m S	Quarry	1900	1797034
D	262m W	Unspecified Old Quarry	1956	1785036
D	267m W	Unspecified Quarry	1923	1797232
E	491m NE	Unspecified Old Quarries	1923	1874779
E	497m NE	Unspecified Old Quarries	1900	1827832

This data is sourced from Ordnance Survey® / Groundsure.

1.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.



1.3 Historical energy features

Records within 500m**0**

Energy features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

1.4 Historical petrol stations

Records within 500m**0**

Petrol stations digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

1.5 Historical garages

Records within 500m**0**

Garages digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

1.6 Historical military land

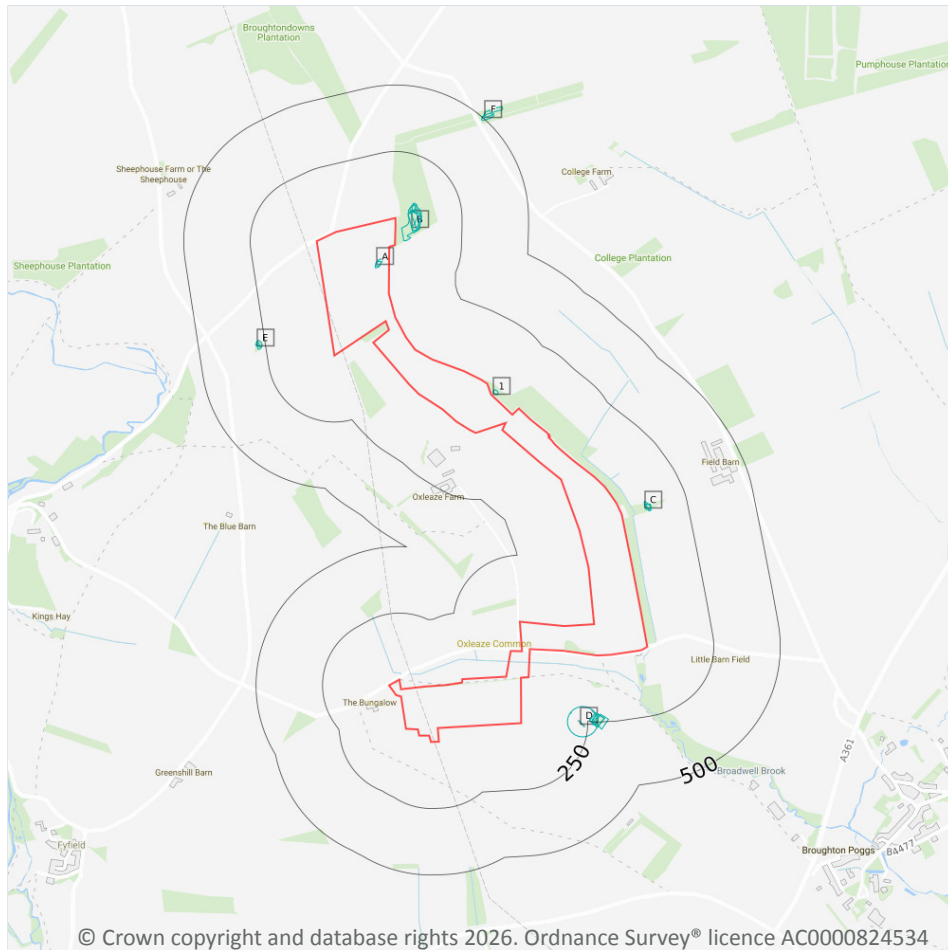
Records within 500m**0**

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey® / Groundsure / other sources.



2 Past land use - un-grouped



— Site Outline
Search buffers in metres (m)
■ Historical industrial land uses

2.1 Historical industrial land uses

Records within 500m

21

Potentially contaminative land use features digitised from historical Ordnance Survey® mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 17](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Old Quarry	1956	1839899
A	On site	Unspecified Old Quarry	1923	1839899
1	11m NE	Refuse Heap	1923	1783193



ID	Location	Land Use	Date	Group ID
B	23m E	Unspecified Quarries	1880	1800498
B	50m E	Unspecified Old Quarries	1923	1859936
B	54m NE	Unspecified Old Quarries	1900	1859936
B	56m E	Unspecified Pit	1956	1777891
B	70m NE	Unspecified Pit	1956	1777890
C	92m E	Unspecified Quarry	1956	1797230
C	98m NE	Unspecified Pit	1923	1875287
C	98m NE	Unspecified Pit	1923	1875287
D	174m E	Unspecified Old Quarry	1923	1826035
D	216m S	Unspecified Old Quarry	1956	1845179
D	216m S	Unspecified Disused Quarry	1976	1795593
D	220m S	Unspecified Quarry	1900	1797243
D	221m S	Unspecified Old Quarry	1923	1845179
D	222m S	Quarry	1900	1797034
E	262m W	Unspecified Old Quarry	1956	1785036
E	267m W	Unspecified Quarry	1923	1797232
F	491m NE	Unspecified Old Quarries	1923	1874779
F	497m NE	Unspecified Old Quarries	1900	1827832

This data is sourced from Ordnance Survey® / Groundsure.

2.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.



2.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.

2.5 Historical garages

Records within 500m

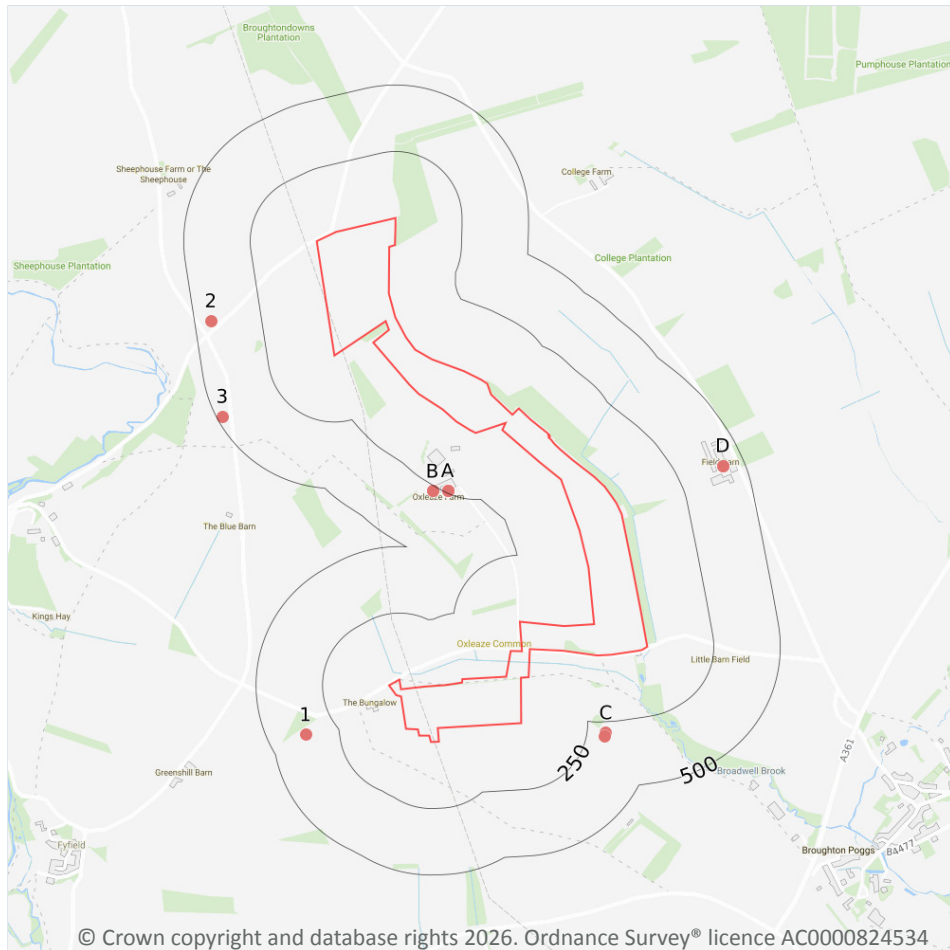
0

Garages digitised from historical Ordnance Survey® mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey® / Groundsure.



3 Waste and landfill



— Site Outline
Search buffers in metres (m)
● Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey®/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m

0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey®/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m

0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

25

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 20](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
A	244m SW	-	WEX367761	Using waste exemption	On a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
A	244m SW	-	WEX367761	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	244m SW	-	WEX367761	Disposing of waste exemption	On a farm	Burning waste in the open
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
A	244m SW	Oxleaze Farm Lechlade Gloucestershire GL7 3rb	EPR/PH0874U M/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
B	272m SW	Oxleaze Farm, Filkins, Lechlade, GL7 3rb	WEX401499	Using waste exemption	On a farm	Use of waste in construction
B	272m SW	Oxleaze Farm, Filkins, Lechlade, GL7 3rb	WEX401499	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	272m SW	Oxleaze Farm, Filkins, Lechlade, GL7 3rb	WEX401499	Disposing of waste exemption	On a farm	Burning waste in the open
C	294m S	-	WEX140974	Storing waste exemption	On a farm	Storage of sludge

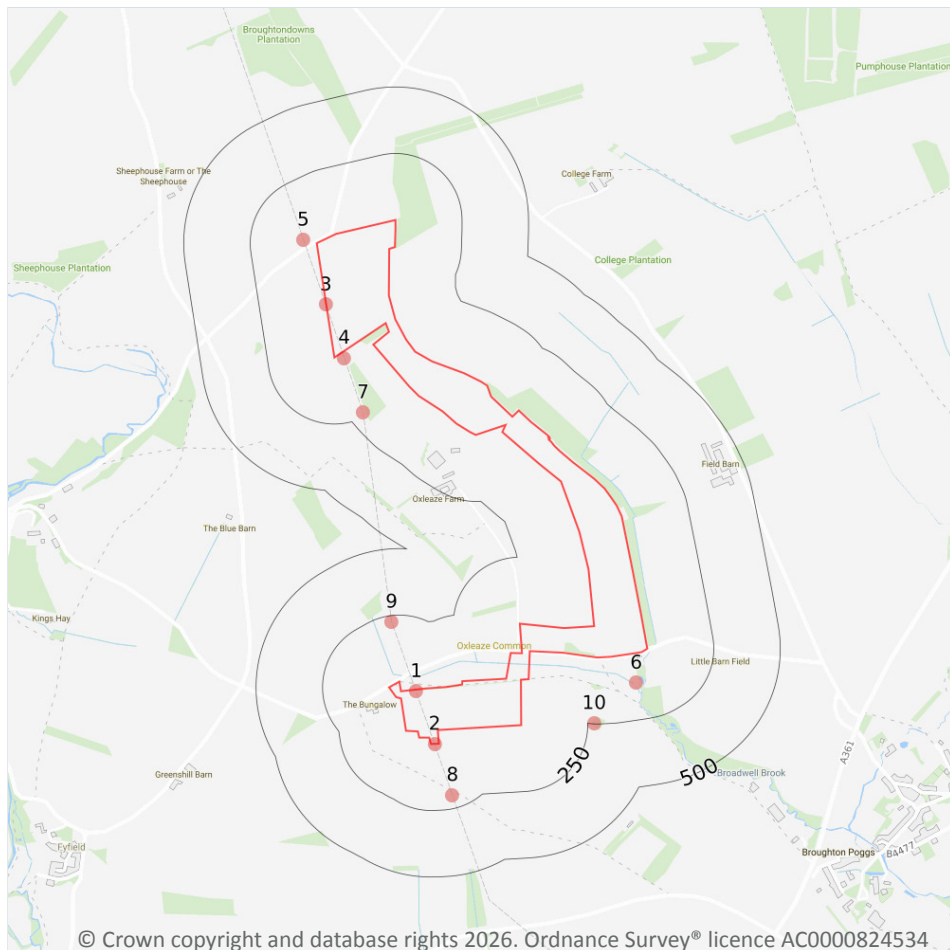


ID	Location	Site	Reference	Category	Sub-Category	Description
C	306m S	Manor Farm Broughton Poggs Lechlade Oxfordshire GL7 3jh	EPR/EE5247ZC /A001	Storing waste exemption	Non- agricultural waste only	Storage of sludge
1	366m SW	-	WEX387429	Storing waste exemption	On a farm	Storage of sludge
D	420m NE	Filkins Farm	EPR/RH0176Q V/A002	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
D	420m NE	Filkins Farm	EPR/RH0176Q V/A002	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from dredging of inland waters
D	420m NE	Filkins Farm	EPR/RH0176Q V/A002	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	420m NE	Filkins Farm	EPR/RH0176Q V/A002	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
D	420m NE	Filkins Farm	EPR/RH0176Q V/A002	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
2	440m W	-	WEX363558	Storing waste exemption	On a farm	Storage of sludge
3	482m SW	-	WEX363502	Storing waste exemption	On a farm	Storage of sludge

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses

4.1 Recent industrial land uses

Records within 250m

10

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 24](#) >

ID	Location	Company	Address	Activity	Category
1	On site	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
2	On site	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
3	2m W	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
4	22m SE	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
5	53m W	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
6	111m S	Pump	Oxfordshire, GL7	Water Pumping Stations	Industrial Features
7	195m SW	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
8	200m S	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
9	227m N	Pylon	Oxfordshire, GL7	Electrical Features	Infrastructure and Facilities
10	247m S	Quarry (Disused)	Oxfordshire, GL7	Unspecified Quarries Or Mines	Extractive Industries

This data is sourced from Ordnance Survey®.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m

0

Current or recent tanks identified from the Ordnance Survey® NGD.

This data is sourced from Ordnance Survey®.

4.3 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.4 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.



4.5 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 Sites determined as Contaminated Land

Records within 500m

0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m

0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.8 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.9 Hazardous substance storage/usage

Records within 500m

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.



4.10 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.12 Licensed pollutant release (Part A(2)/B)

Records within 500m

0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Licensed Discharges to controlled waters

Records within 500m

0

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 1 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 List 2 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution Incidents (EA/NRW)

Records within 500m

0

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.20 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.22 Pollution inventory radioactive waste

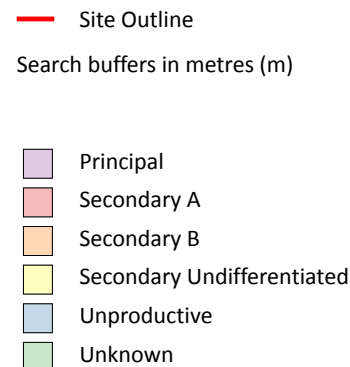
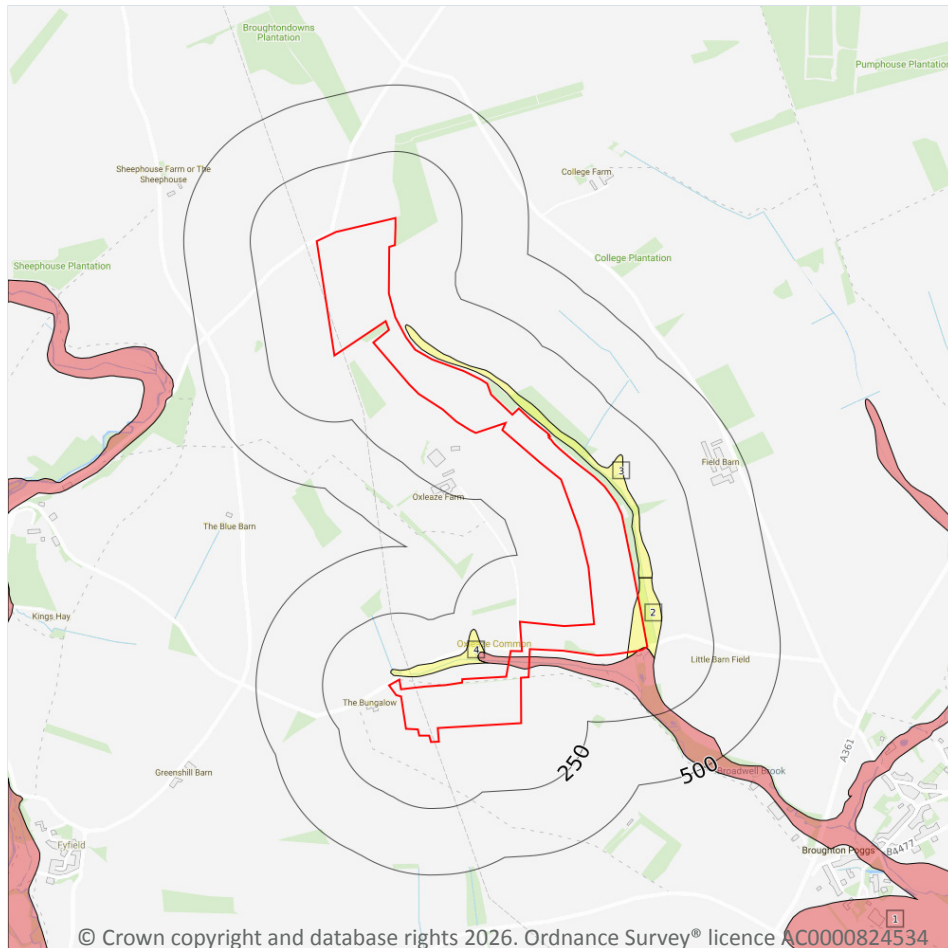
Records within 500m

0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 30 >](#)

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

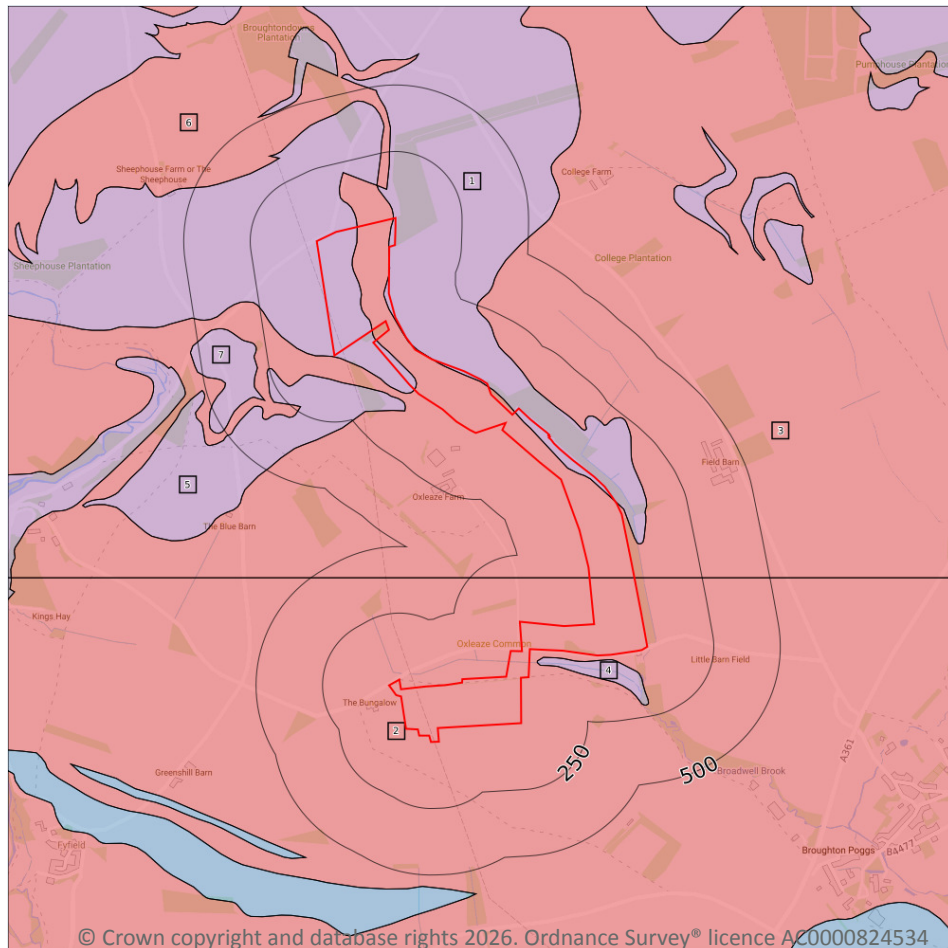


ID	Location	Designation	Description
3	9m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	14m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

7

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 32](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

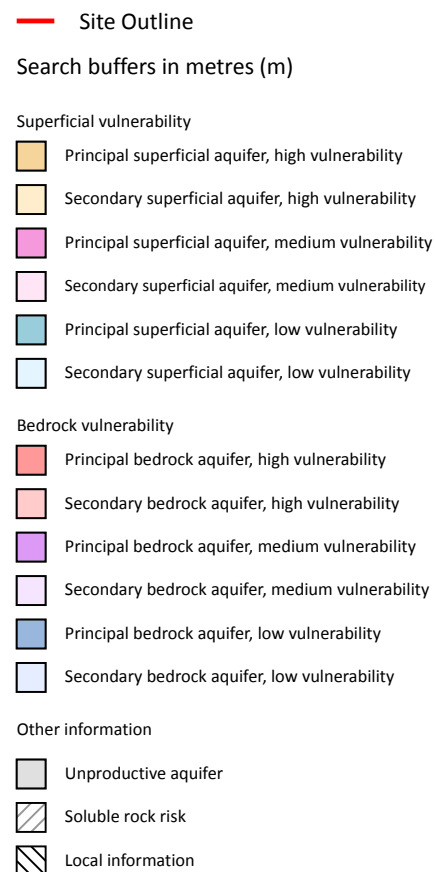
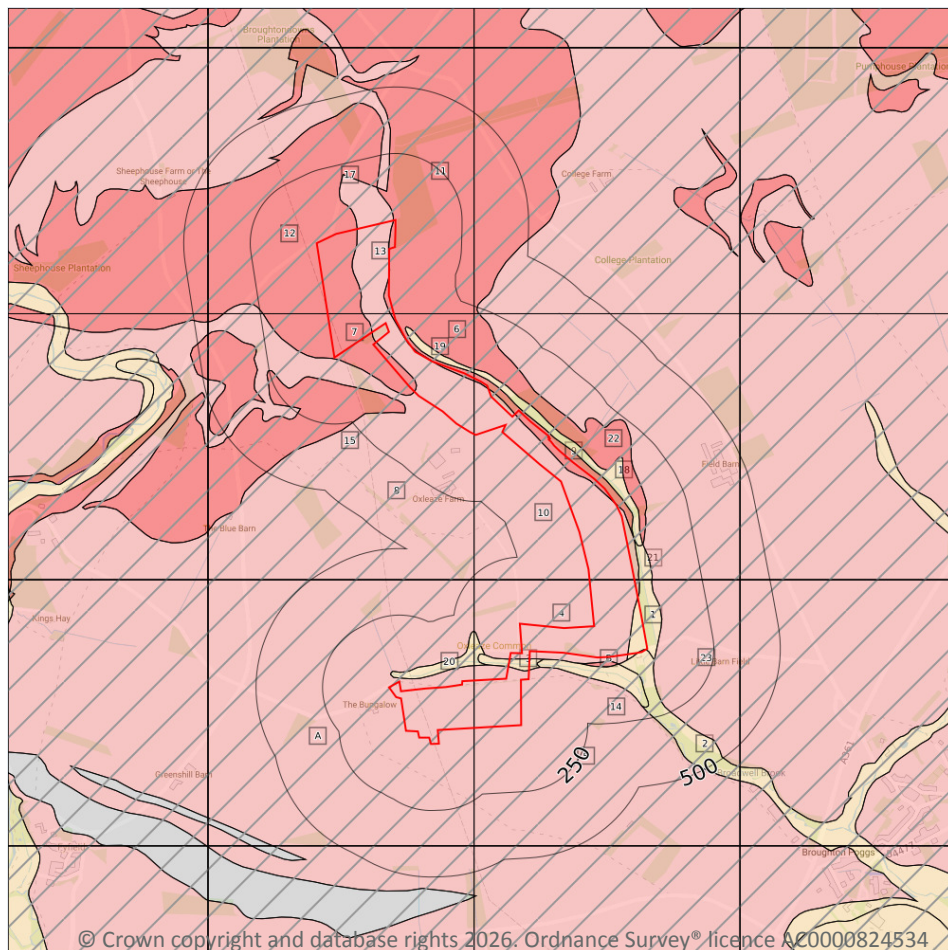


ID	Location	Designation	Description
3	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	18m S	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
5	62m SW	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
6	112m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
7	286m W	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

22

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on [page 34](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
7	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
9	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
10	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
11	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
12	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
13	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
A	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
18	9m NE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
19	10m N	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
20	14m N	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
21	17m E	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
B	18m S	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
B	28m S	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
22	31m NE	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
23	35m E	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	5
------------------------	----------

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
14	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	52.0%
15	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	1.0%
16	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	3.0%
17	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	72.0%
A	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	56.00000000000001%

This data is sourced from the British Geological Survey and the Environment Agency.



5.5 Groundwater vulnerability- local information

Records on site

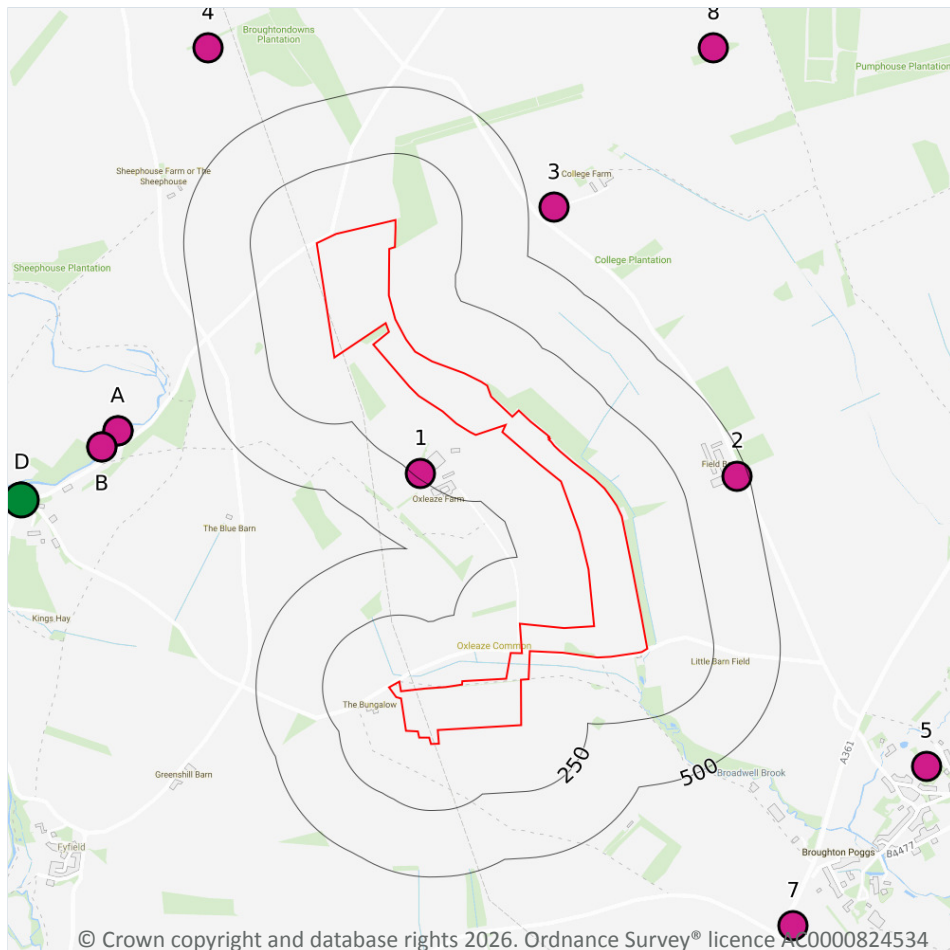
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

19

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 40](#) >



ID	Location	Details	
1	230m SW	Status: Historical Licence No: 28/39/09/0079 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: OXLEAZE FARM, FILKINS, GLOS Data Type: Point Name: J J MANN & CO Easting: 421800 Northing: 205400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/10/1975 Expiry Date: - Issue No: 100 Version Start Date: 31/12/1978 Version End Date: -
2	460m E	Status: Historical Licence No: 28/39/09/0092 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: FILKINS FARM, FILKINS, GLOS Data Type: Point Name: CRIPPS Easting: 422990 Northing: 205390	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/10/1996 Expiry Date: - Issue No: 100 Version Start Date: 10/10/1996 Version End Date: -
3	597m E	Status: Active Licence No: 28/39/09/0048 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BRADWELL MANOR ESTATE, BURFORD, OXON, POINT J Data Type: Point Name: HEYWORTH Easting: 422300 Northing: 206400	Annual Volume (m ³): 7273 Max Daily Volume (m ³): 37.51 Original Application No: WRA Original Start Date: 13/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 07/10/1993 Version End Date: -
4	841m NW	Status: Active Licence No: 28/39/09/0048 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BRADWELL MANOR ESTATE, BURFORD, OXON, POINT H Data Type: Point Name: HEYWORTH Easting: 421000 Northing: 207000	Annual Volume (m ³): 7273 Max Daily Volume (m ³): 37.51 Original Application No: WRA Original Start Date: 13/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 07/10/1993 Version End Date: -
A	861m W	Status: Historical Licence No: 28/39/08/0031 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT B Data Type: Point Name: THE ERNEST COOK TRUST Easting: 420660 Northing: 205560	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 104 Version Start Date: 01/10/2002 Version End Date: -



ID	Location	Details	
A	861m W	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT B Data Type: Point Name: THE ERNEST COOK TRUST Easting: 420660 Northing: 205560	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 104 Version Start Date: 01/10/2002 Version End Date: -
B	937m W	Status: Historical Licence No: 28/39/08/0031 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT B Data Type: Point Name: EASTLEACH FARMS PARTNERSHIP Easting: 420600 Northing: 205500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 04/10/1995 Version End Date: -
B	937m W	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT B Data Type: Point Name: EASTLEACH FARMS PARTNERSHIP Easting: 420600 Northing: 205500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 04/10/1995 Version End Date: -
-	1011m S	Status: Historical Licence No: 28/39/09/0001 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: LANGFORD DOWNS FARM, LECHLADE Data Type: Point Name: MACECHERN FARMS LTD Easting: 422100 Northing: 203400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 07/07/1997 Version End Date: -
-	1011m S	Status: Historical Licence No: 28/39/09/0001 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LANGFORD DOWNS FARM, LECHLADE Data Type: Point Name: MACECHERN FARMS LTD Easting: 422100 Northing: 203400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 07/07/1997 Version End Date: -



ID	Location	Details	
5	1138m SE	Status: Active Licence No: 28/39/09/0040 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: FILKINS, LECHLADE Data Type: Point Name: FILKINS & BROUGHTON POGGS PC Easting: 423700 Northing: 204300	Annual Volume (m ³): 454 Max Daily Volume (m ³): 163.66 Original Application No: NPS/WR/031033 Original Start Date: 15/11/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2024 Version End Date: -
-	1175m NE	Status: Active Licence No: 28/39/09/0048 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BRADWELL MANOR ESTATE, BURFORD, OXON POINT L Data Type: Point Name: HEYWORTH Easting: 422400 Northing: 207300	Annual Volume (m ³): 7273 Max Daily Volume (m ³): 37.51 Original Application No: WRA Original Start Date: 13/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 07/10/1993 Version End Date: -
7	1176m SE	Status: Historical Licence No: 28/39/09/0045 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: MANOR FARM, BROUGHTON POGGS, OXON Data Type: Point Name: E S PEARCE & SON Easting: 423200 Northing: 203700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
D	1287m SW	Status: Historical Licence No: 28/39/08/0031 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT A Data Type: Point Name: THE ERNEST COOK TRUST Easting: 420300 Northing: 205310	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 104 Version Start Date: 01/10/2002 Version End Date: -
D	1287m SW	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT A Data Type: Point Name: THE ERNEST COOK TRUST Easting: 420300 Northing: 205310	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 104 Version Start Date: 01/10/2002 Version End Date: -



ID	Location	Details	
D	1292m SW	Status: Historical Licence No: 28/39/08/0031 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT A Data Type: Point Name: EASTLEACH FARMS PARTNERSHIP Easting: 420300 Northing: 205300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 04/10/1995 Version End Date: -
D	1292m SW	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT A Data Type: Point Name: EASTLEACH FARMS PARTNERSHIP Easting: 420300 Northing: 205300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 04/10/1995 Version End Date: -
8	1359m NE	Status: Active Licence No: 28/39/09/0048 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BRADWELL MANOR ESTATE, BURFORD, OXON, POINT K Data Type: Point Name: HEYWORTH Easting: 422900 Northing: 207000	Annual Volume (m ³): 7273 Max Daily Volume (m ³): 37.51 Original Application No: WRA Original Start Date: 13/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 07/10/1993 Version End Date: -
-	1648m SW	Status: Historical Licence No: 28/39/08/0009 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: EASTLEACH TURVILLE, CIRENCESTER (B) Data Type: Point Name: JENKINSON Easting: 420000 Northing: 205100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/10/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/10/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.7 Surface water abstractions

Records within 2000m

1

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 40 >](#)

ID	Location	Details	
-	1731m SW	Status: Active Licence No: TH/039/0008/001 Details: Flood Irrigation, Including Water Meadows, Warping And Pest Control Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER LEACH AT BRADBOROUGH FARM, SOUTHROP Data Type: Point Name: JJ Mann & Co Easting: 421093 Northing: 202820	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/NA/001866 Original Start Date: 10/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 10/03/2021 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m

5

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 40 >](#)

ID	Location	Details	
A	861m W	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT B Data Type: Point Name: THE ERNEST COOK TRUST Easting: 420660 Northing: 205560	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 104 Version Start Date: 01/10/2002 Version End Date: -



ID	Location	Details	
B	937m W	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT B Data Type: Point Name: EASTLEACH FARMS PARTNERSHIP Easting: 420600 Northing: 205500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 04/10/1995 Version End Date: -
-	1011m S	Status: Historical Licence No: 28/39/09/0001 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: LANGFORD DOWNS FARM, LECHLADE Data Type: Point Name: MACECHERN FARMS LTD Easting: 422100 Northing: 203400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 07/07/1997 Version End Date: -
D	1287m SW	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT A Data Type: Point Name: THE ERNEST COOK TRUST Easting: 420300 Northing: 205310	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 104 Version Start Date: 01/10/2002 Version End Date: -
D	1292m SW	Status: Historical Licence No: 28/39/08/0031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: THAMES GROUNDWATER Point: EASTLEACH MARTIN, CIRENCESTER, POINT A Data Type: Point Name: EASTLEACH FARMS PARTNERSHIP Easting: 420300 Northing: 205300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 04/10/1995 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m

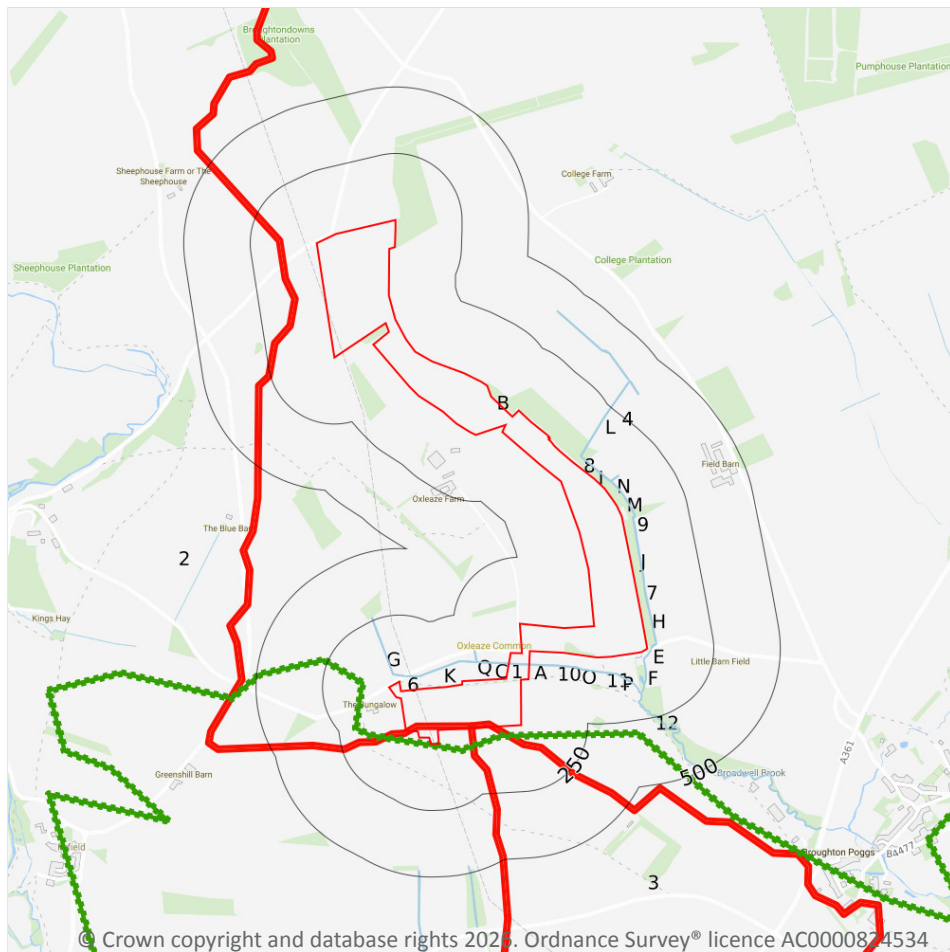
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS NGD)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS NGD)

Records within 250m

26

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on [page 48 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
1	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	14m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
E	14m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	14m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	23m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	27m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
H	30m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	30m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	32m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
J	33m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	35m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	35m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
L	36m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	36m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	36m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	37m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	48m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	49m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
10	49m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
11	58m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
P	58m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	68m N	Drain. A manmade watercourse for the removal of excess water from an area.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	113m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	151m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Broadwell Brook

This data is sourced from the Ordnance Survey®.



6.2 Surface water features

Records within 250m

16

Covering rivers, streams and lakes (some overlap with OS NGD Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 48 >](#)

This data is sourced from the Ordnance Survey®.

6.3 WFD Surface water body catchments

Records on site

3

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 48 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River	Leach (Source to Thames)	GB106039030040	Windrush	Cotswolds
3	On site	River	Radcot Cut	GB106039030231	Windrush	Cotswolds
4	On site	River	Broadwell Brook	GB106039030232	Windrush	Cotswolds

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

3

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 48 >](#)



ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	654m W	River	Leach (Source to Thames)	GB106039030040 ↗	No longer applicable	Does not require assessment	Poor	2022
-	897m E	River	Broadwell Brook	GB106039030232 ↗	No longer applicable	Does not require assessment		2022
-	5454m S	River	Radcot Cut	GB106039030231 ↗	No longer applicable	Does not require assessment	Moderate	2022

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1
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Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

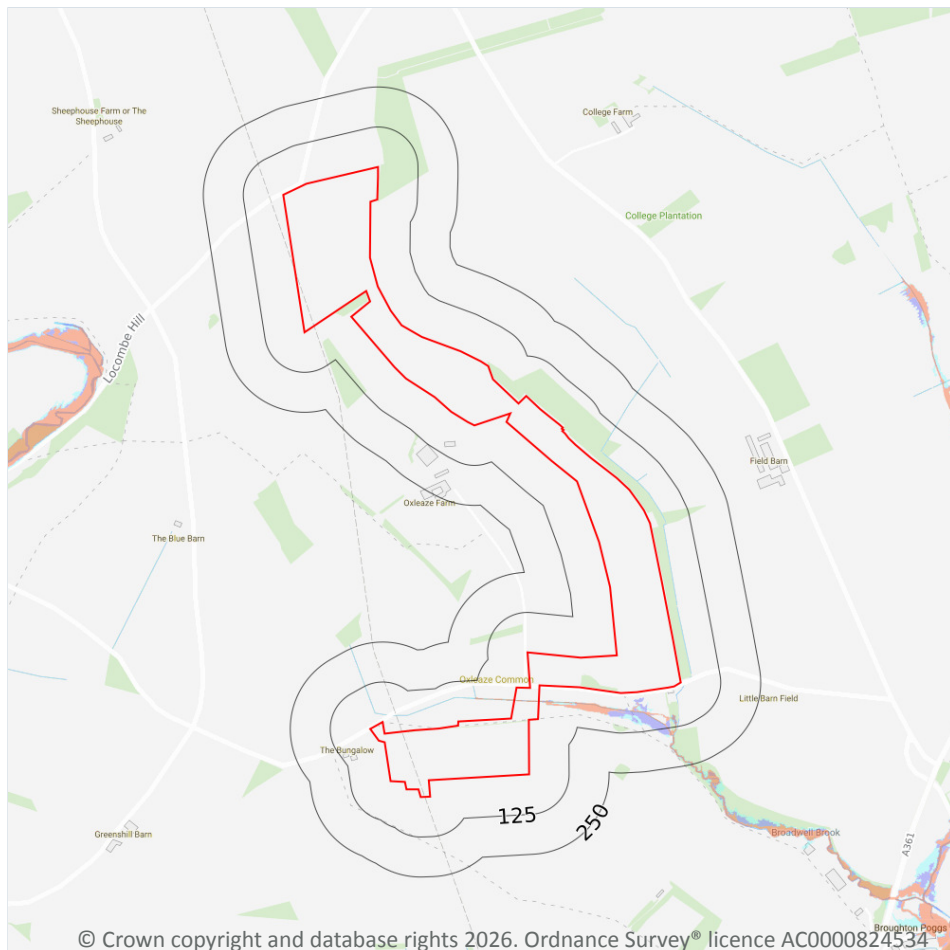
Features are displayed on the Hydrology map on [page 48](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
B	On site	Burford Jurassic	GB40601G600400 ↗	Poor	Poor	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding



— Site Outline
Search buffers in metres (m)

River and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

3

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on [page 53 >](#)



Distance	Flood risk category
On site	High
0 - 50m	High

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0
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Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0
----------------------------	----------

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0
----------------------------	----------

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

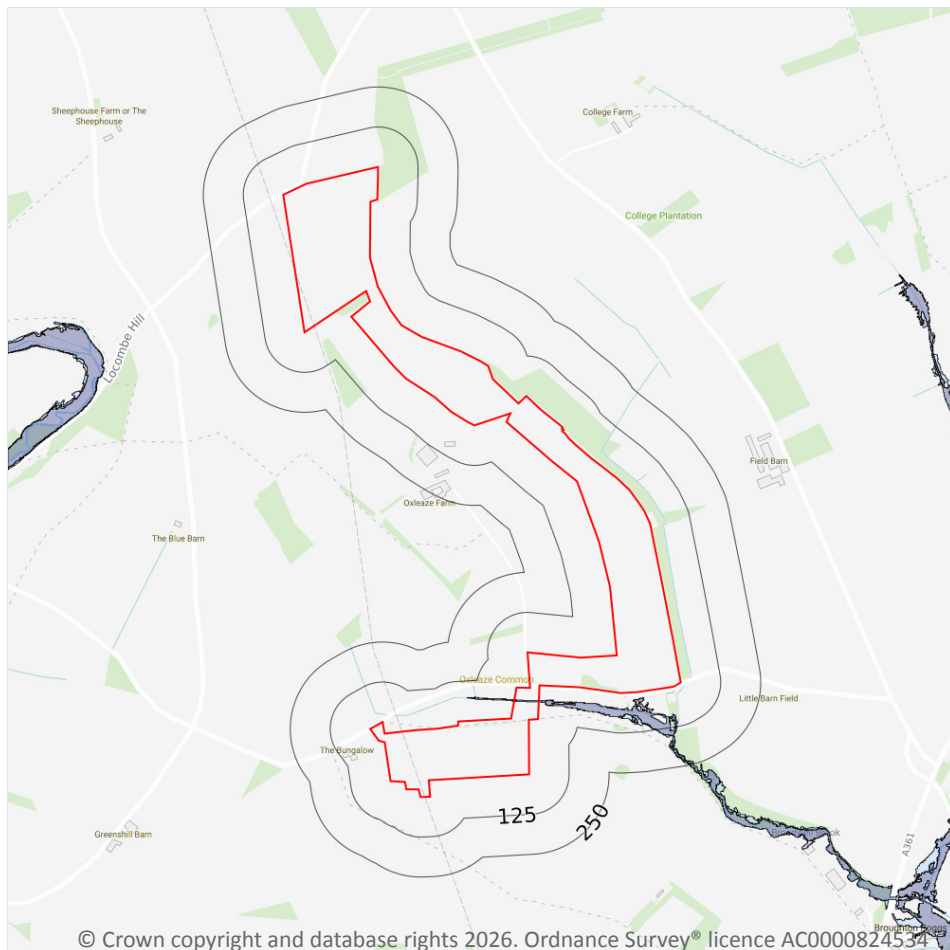
Records within 250m	0
----------------------------	----------

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on [page 53](#) >

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

This data is sourced from the Environment Agency and Natural Resources Wales.



7.7 Flood Zone 3

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

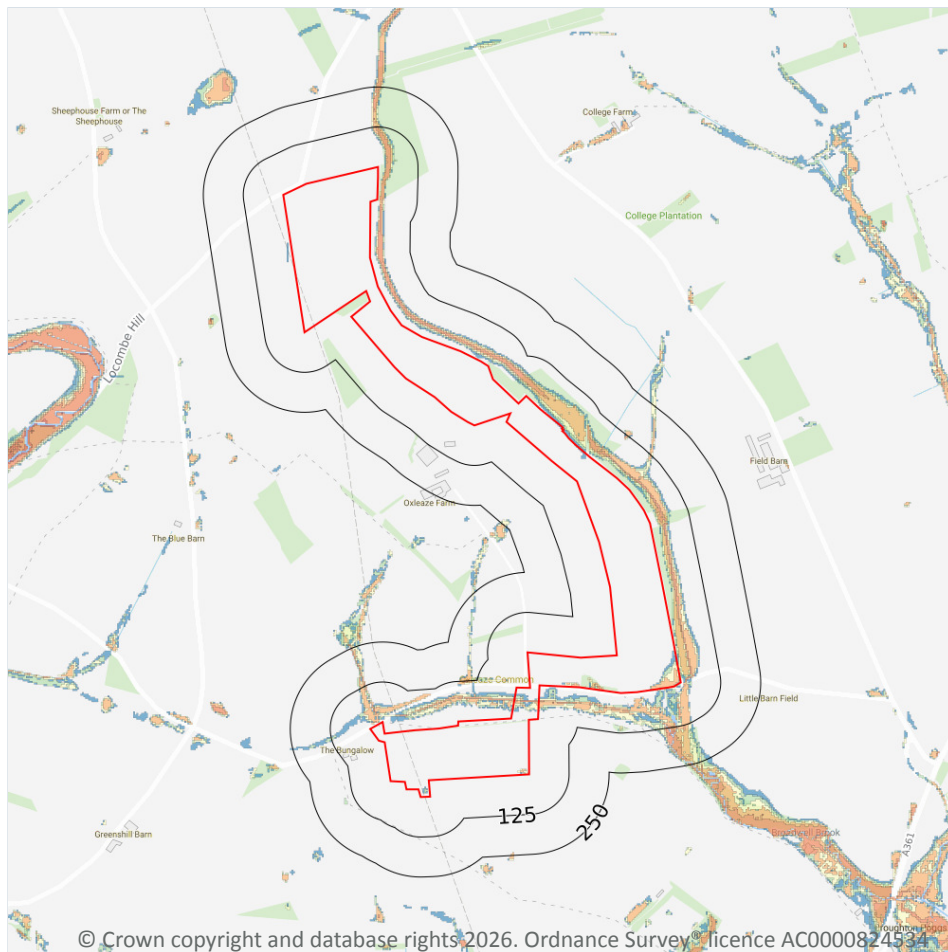
Features are displayed on the River and coastal flooding map on [page 53](#) >

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on [page 57 >](#)

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

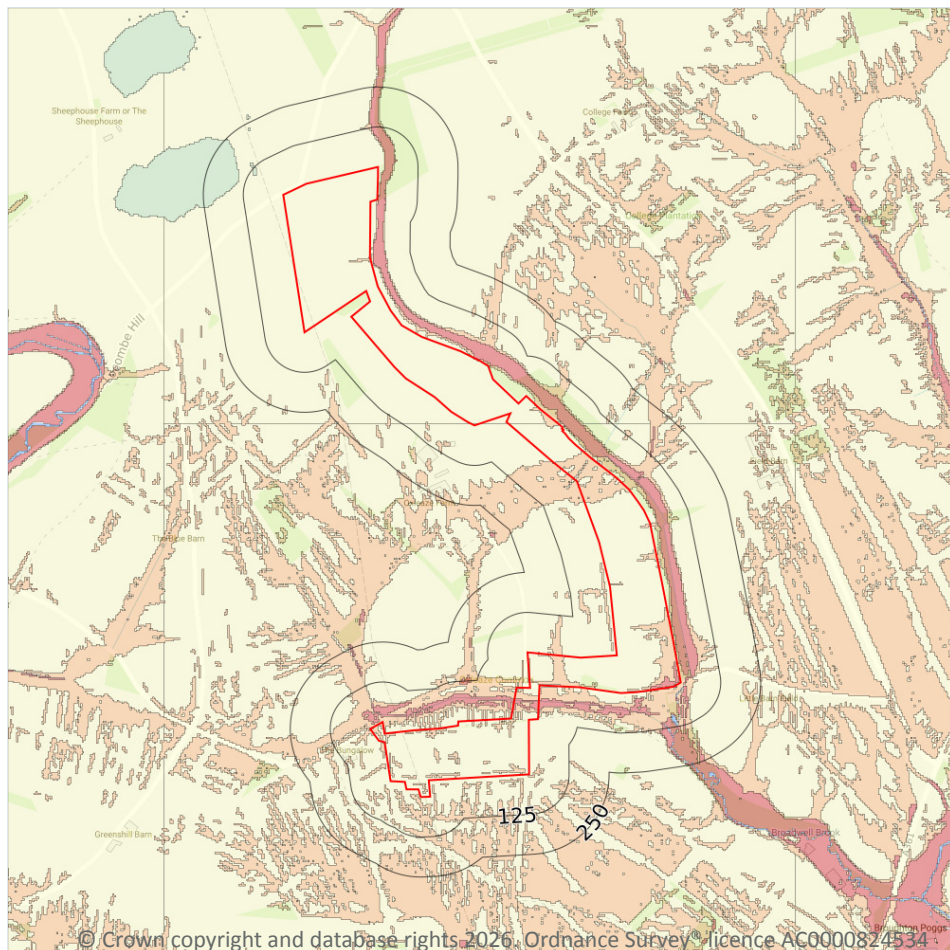
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

High

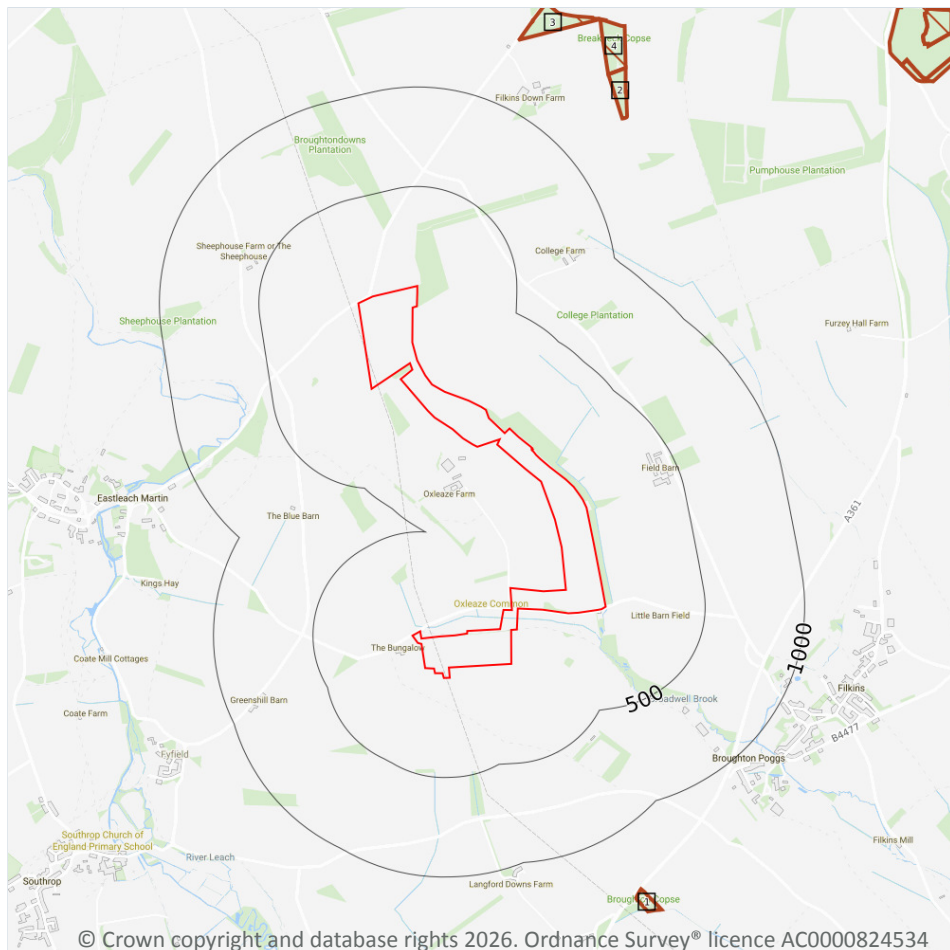
Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on [page 59 >](#)

This data is sourced from Ambiantal Risk Analytics.



10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

5

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on [page 60 >](#)

ID	Location	Name	Woodland Type
1	1306m SE	Unknown	Ancient & Semi-Natural Woodland
2	1330m NE	Breakneck Copse	Ancient Replanted Woodland
3	1340m NE	The Briers	Ancient Replanted Woodland
4	1433m NE	Breakneck Copse	Ancient & Semi-Natural Woodland
-	1614m N	Cockedhat Copse	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

11

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Great brook (Shill Brook to Thames) NVZ	Surface Water	471	Existing
On site	Great brook (Shill Brook to Thames) NVZ	Surface Water	471	Existing
On site	Leach (Source to Thames) NVZ	Surface Water	476	Existing
1m E	Cotswold Jurassic	Groundwater	83	Existing
4m E	Cotswold Jurassic	Groundwater	83	Existing
50m W	Leach (Source to Thames) NVZ	Surface Water	476	Existing
646m SE	Upper Thames Gravels	Groundwater	84	Existing
1441m E	Great brook (Shill Brook to Thames) NVZ	Surface Water	471	Existing

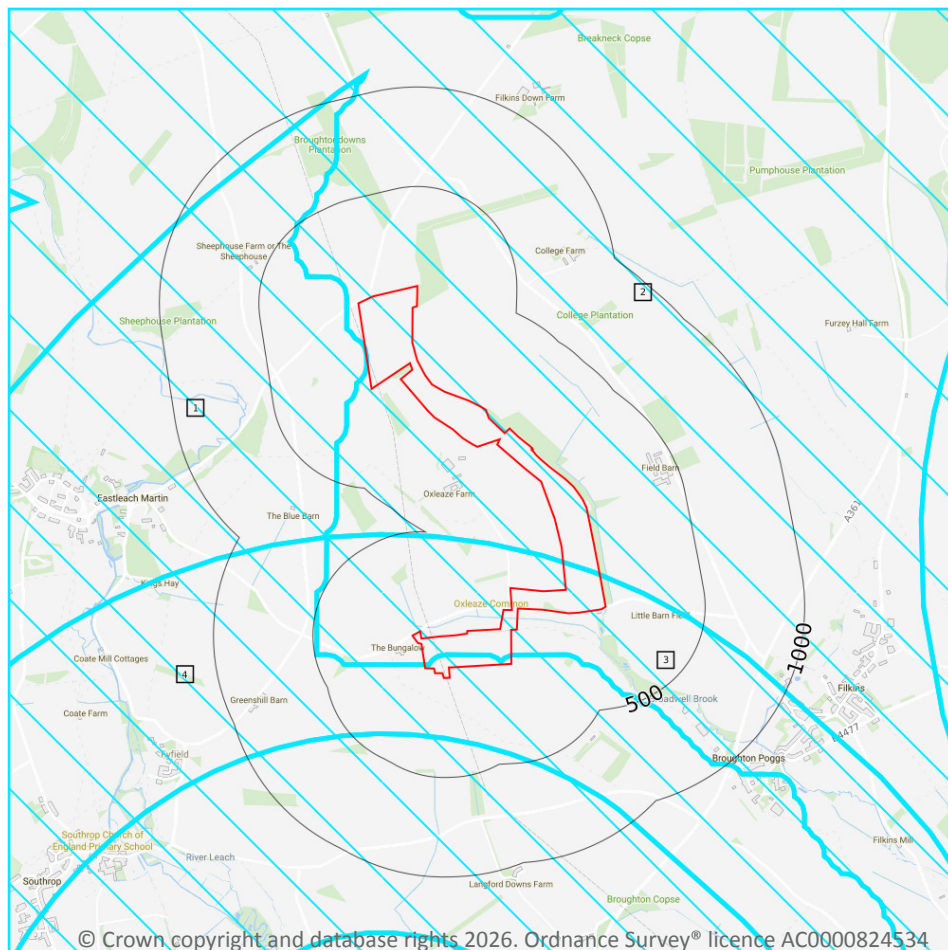


Location	Name	Type	NVZ ID	Status
1707m NE	Great brook (Shill Brook to Thames) NVZ	Surface Water	471	Existing
1785m SE	Upper Thames Gravels	Groundwater	84	Existing
1946m NE	Cotswold Jurassic	Groundwater	83	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

4

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on [page 66](#) >

ID	Location	Type of developments requiring consultation
1	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0300000500050&notes=&location=416530,205496%20(IRZ%20polygon%20centre)
2	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0300000500000&notes=&location=417060,211354%20(IRZ%20polygon%20centre)



ID	Location	Type of developments requiring consultation
3	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0321000502000&notes=&location=423138,204318%20(IRZ%20polygon%20centre)
4	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0321000502050&notes=&location=423768,203077%20(IRZ%20polygon%20centre)

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

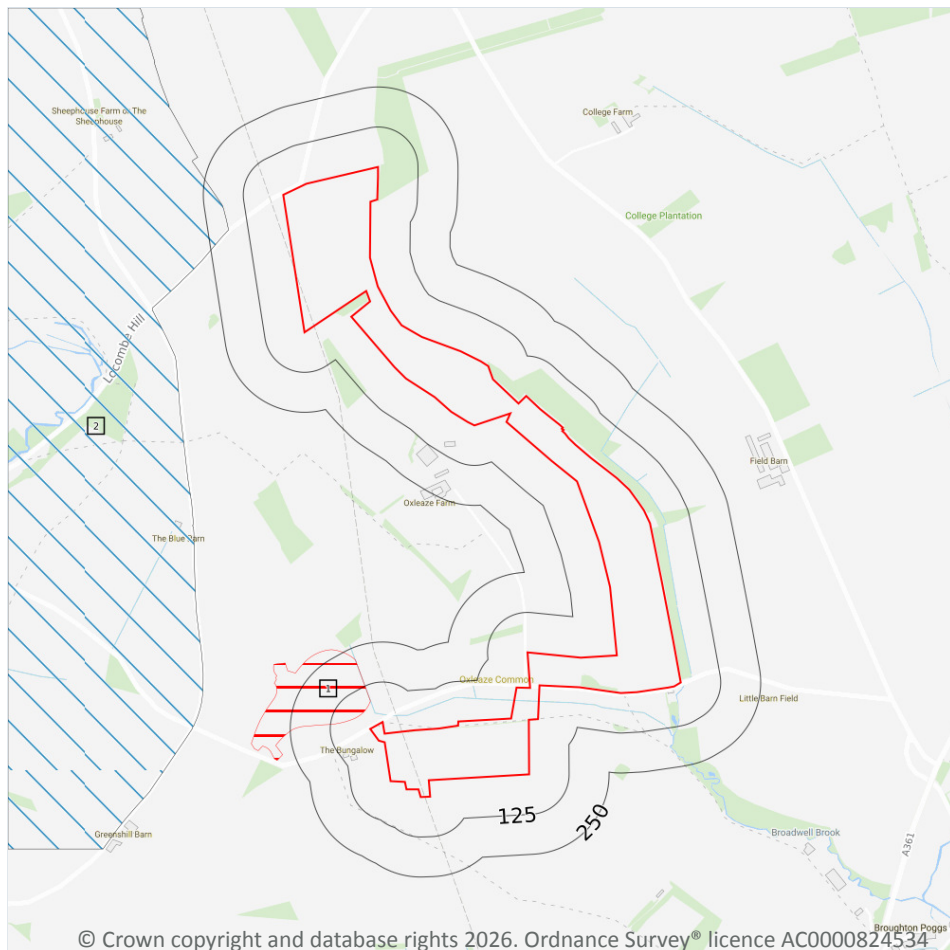
0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



11.2 Area of Outstanding Natural Beauty

Records within 250m

1

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

Features are displayed on the Visual and cultural designations map on [page 68](#) >

ID	Location	NAME	Data Source
2	185m W	Cotswolds	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

1

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

Features are displayed on the Visual and cultural designations map on [page 68](#) >

ID	Location	Ancient monument name	Reference number
1	54m NW	Causewayed enclosure and settlement enclosures immediately north west of Shire Gate	1016631

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

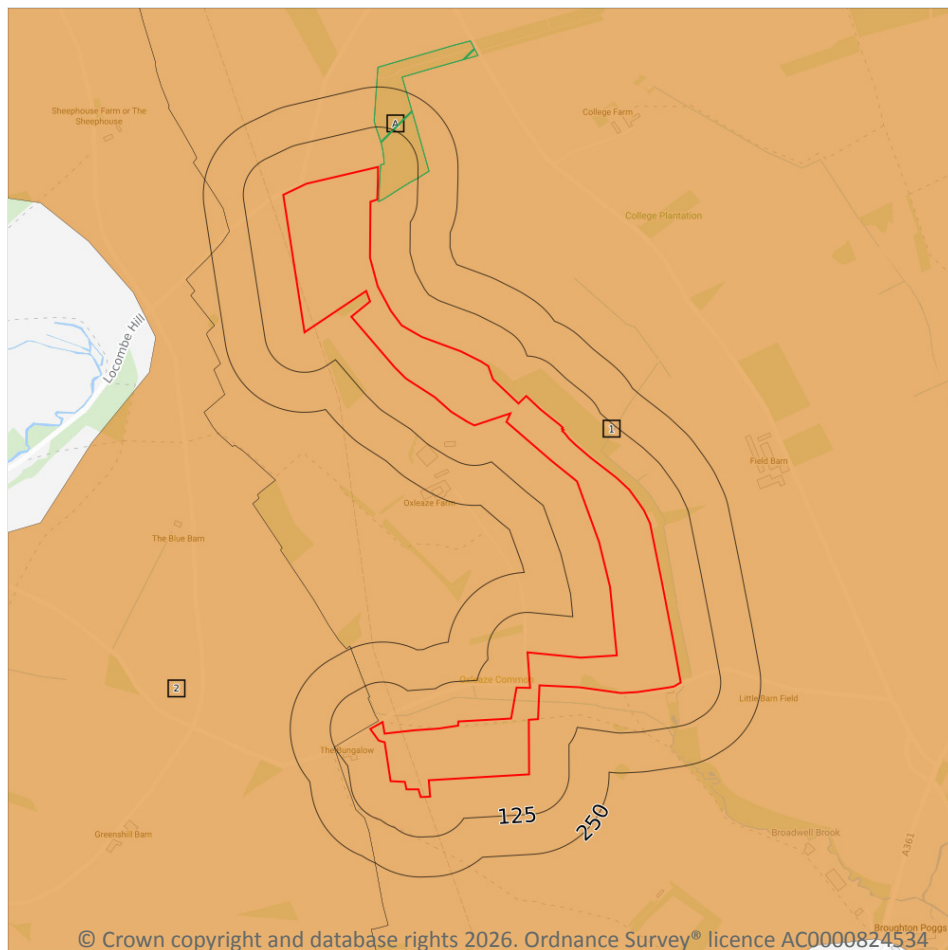
Records within 250m

0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

2

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on [page 71](#) >

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.



ID	Location	Classification	Description
2	9m NW	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

2

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

Features are displayed on the Agricultural designations map on [page 71](#) >

ID	Location	Description	Reference	Application date
A	4m E	Selective Fell/Thin (Conditional)	019/443/15-16	06/04/2016
A	4m E	Selective Fell/Thin (Unconditional)	019/39/11-12	06/06/2011

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

6

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.



Location	Reference	Scheme	Start Date	End date
On site	AG00335599	Entry Level plus Higher Level Stewardship	01/04/2011	31/03/2023
11m NW	AG00679616	Entry Level plus Higher Level Stewardship	01/03/2010	28/02/2023
26m SE	AG00837877	Entry Level plus Higher Level Stewardship	01/04/2011	31/03/2023
135m SW	AG00679616	Entry Level plus Higher Level Stewardship	01/03/2010	28/02/2023
184m W	AG00679616	Entry Level plus Higher Level Stewardship	01/03/2010	29/02/2020
185m W	AG00679616	Entry Level plus Higher Level Stewardship	01/03/2010	28/02/2023

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

11

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	1260719	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	937843	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
On site	1275604	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1275604	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
6m N	1260719	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
11m NW	1544022	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028
12m N	1275604	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
13m NW	1260719	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
133m SW	1544022	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028
184m W	1544022	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028
214m S	1275604	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

8

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on [page 74 >](#)

ID	Location	Main Habitat	Other habitats
1	1m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	3m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	4m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	4m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	10m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	152m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	192m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	218m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

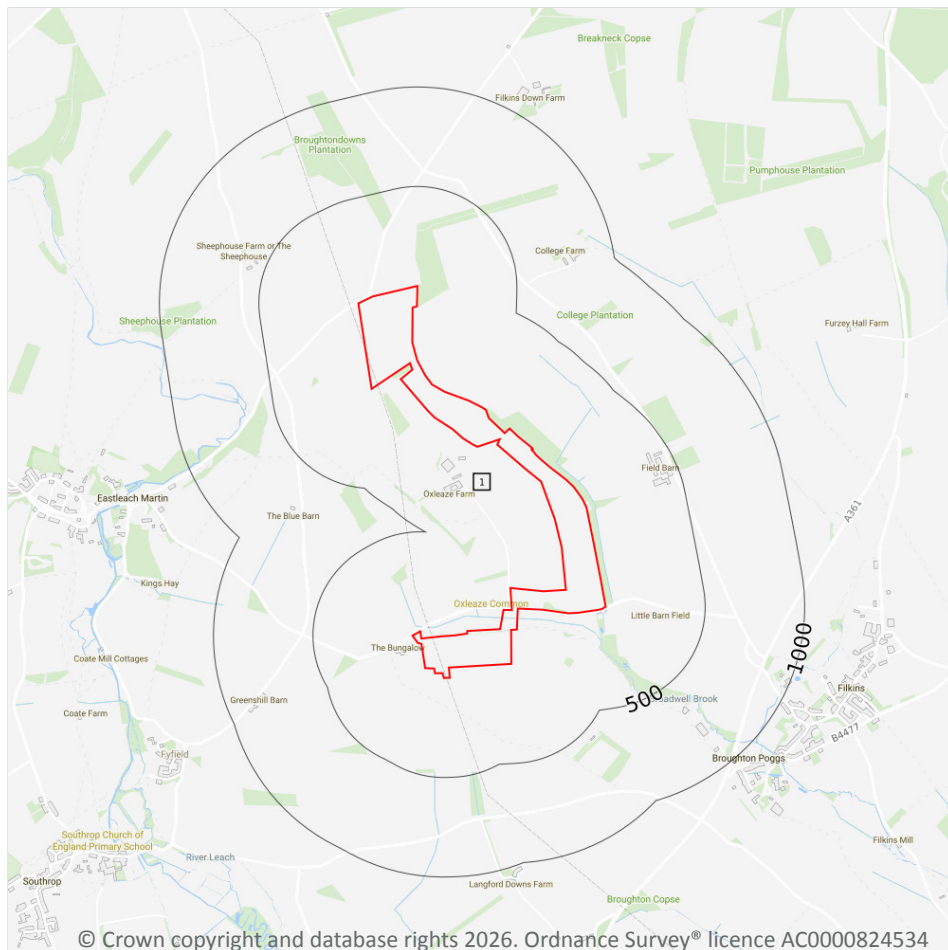
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline**
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 76 >](#)

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	No coverage	No coverage	No coverage	NoCov

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground

14.2 Artificial and made ground (10k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock

14.5 Bedrock geology (10k)

Records within 500m

0

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

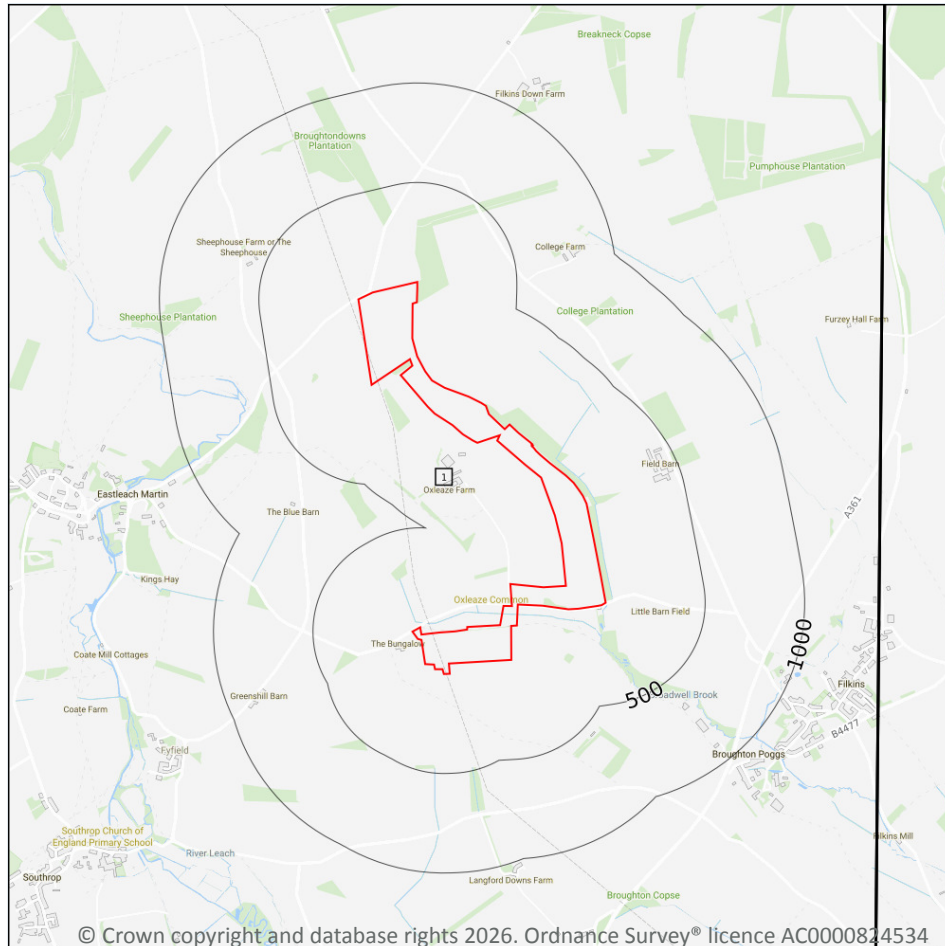
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

☐ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 80](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW235_cirencester_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

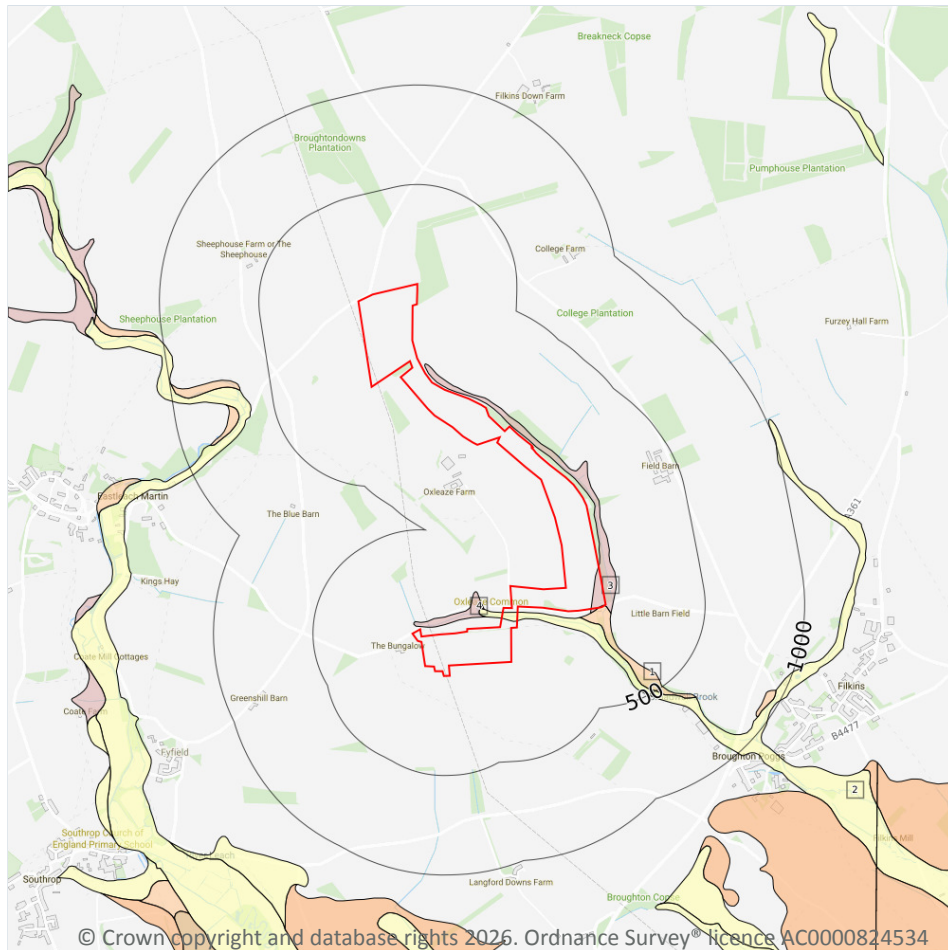
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



— Site Outline

Search buffers in metres (m)

▣ Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

4

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 82](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	NO-XSV	Northmoor Sand and Gravel Member	Sand and gravel
2	On site	ALV-XCZSV	Alluvium	Clay, silt, sand and gravel
3	On site	HEAD-XCZSV	Head	Clay, silt, sand and gravel



ID	Location	LEX Code	Description	Rock description
4	14m N	HEAD-XCZSV	Head	Clay, silt, sand and gravel

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	5
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High
On site	Intergranular	High	Very Low
On site	Mixed	High	Very Low
9m NE	Mixed	High	Very Low
14m N	Mixed	High	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0
----------------------------	----------

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

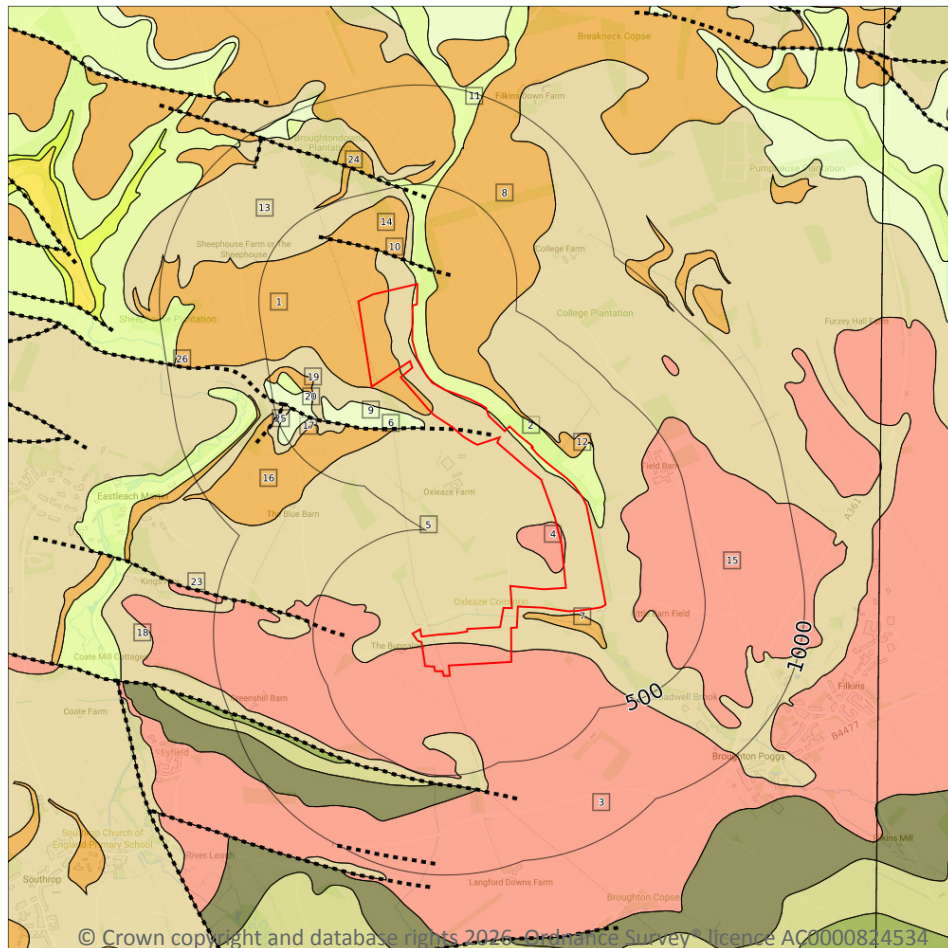
Records within 50m	0
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

20

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 84](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
2	On site	WHL-LMST	White Limestone Formation-Limestone	Bathonian
3	On site	CB-LMST	Cornbrash Formation-Limestone	Bathonian
4	On site	CB-LMST	Cornbrash Formation-Limestone	Bathonian



ID	Location	LEX Code	Description	Rock age
5	On site	FMB-MDST	Forest Marble Formation-Mudstone	Bathonian
7	18m S	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
8	47m E	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
9	62m SW	SI-LMST	Signet Member-Limestone	Bathonian
11	90m N	WHL-LMST	White Limestone Formation-Limestone	Bathonian
12	94m NE	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
13	112m N	FMB-MDST	Forest Marble Formation-Mudstone	Bathonian
14	136m N	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
15	142m E	CB-LMST	Cornbrash Formation-Limestone	Bathonian
16	192m SW	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
17	231m SW	FMB-MDST	Forest Marble Formation-Mudstone	Bathonian
18	286m S	FMB-MDST	Forest Marble Formation-Mudstone	Bathonian
19	286m W	FMB-LMST	Forest Marble Formation-Limestone	Bathonian
20	301m W	SI-LMST	Signet Member-Limestone	Bathonian
21	340m W	WHL-LMST	White Limestone Formation-Limestone	Bathonian
22	341m SW	SI-LMST	Signet Member-Limestone	Bathonian

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

7

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Very High	Very High
On site	Fracture	Low	Very Low
On site	Fracture	Low	Very Low
On site	Fracture	Very High	High
On site	Fracture	Very High	High



Location	Flow type	Maximum permeability	Minimum permeability
18m S	Fracture	Very High	High
47m E	Fracture	Very High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

6

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

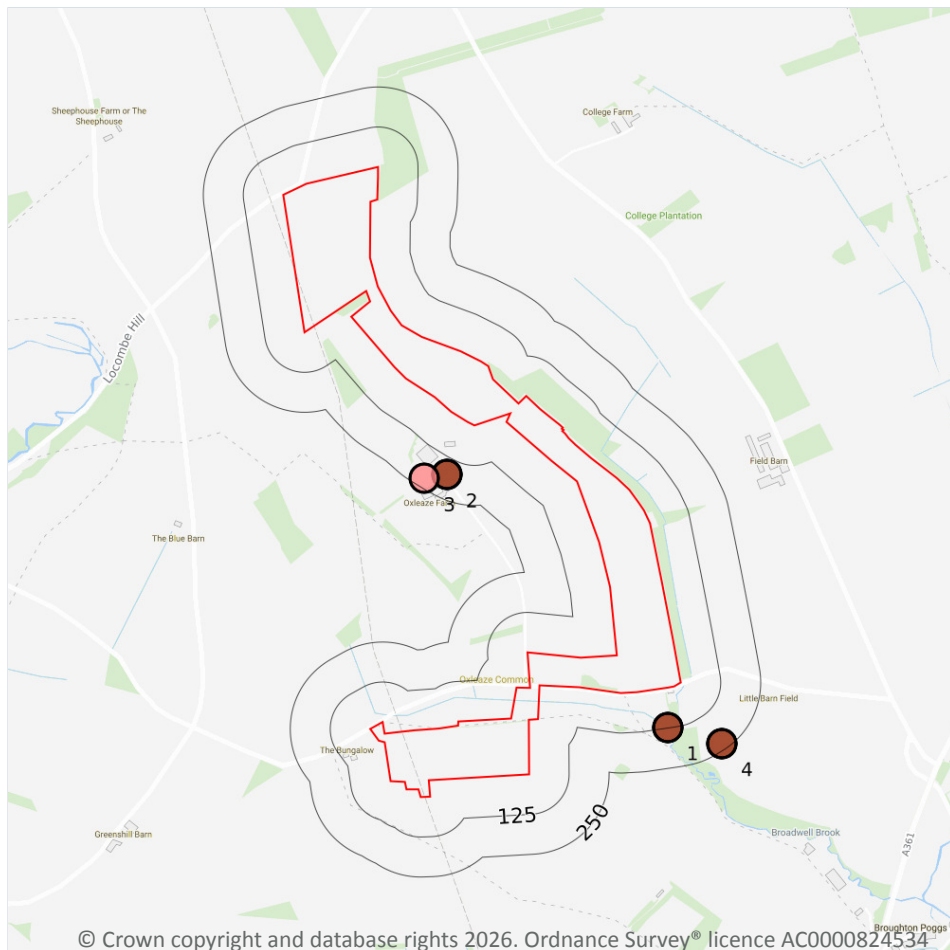
Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 84 >](#)

ID	Location	Category	Description
6	On site	FAULT	Fault, inferred, crossmark on downthrow side, throw in metres
10	89m N	FAULT	Fault, inferred, crossmark on downthrow side, throw in metres
23	343m W	FAULT	Fault, inferred, crossmark on downthrow side, throw in metres
24	436m N	FAULT	Fault, inferred, displacement unknown
25	451m W	FAULT	Fault, inferred, crossmark on downthrow side, throw in metres
26	451m W	FAULT	Fault, inferred, crossmark on downthrow side, throw in metres

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

4

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on [page 87](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	123m S	422610 204600	OXLEAZE FARM BROADWELL GROVE	-1.0	N	315035 ↗
2	177m SW	421920 205390	OXLEAZE FARM BROADWELL GROVE	-1.0	N	314745 ↗
3	220m SW	421850 205380	OXLEAZE FARM FILKINS OXON	45.72	N	314728 ↗

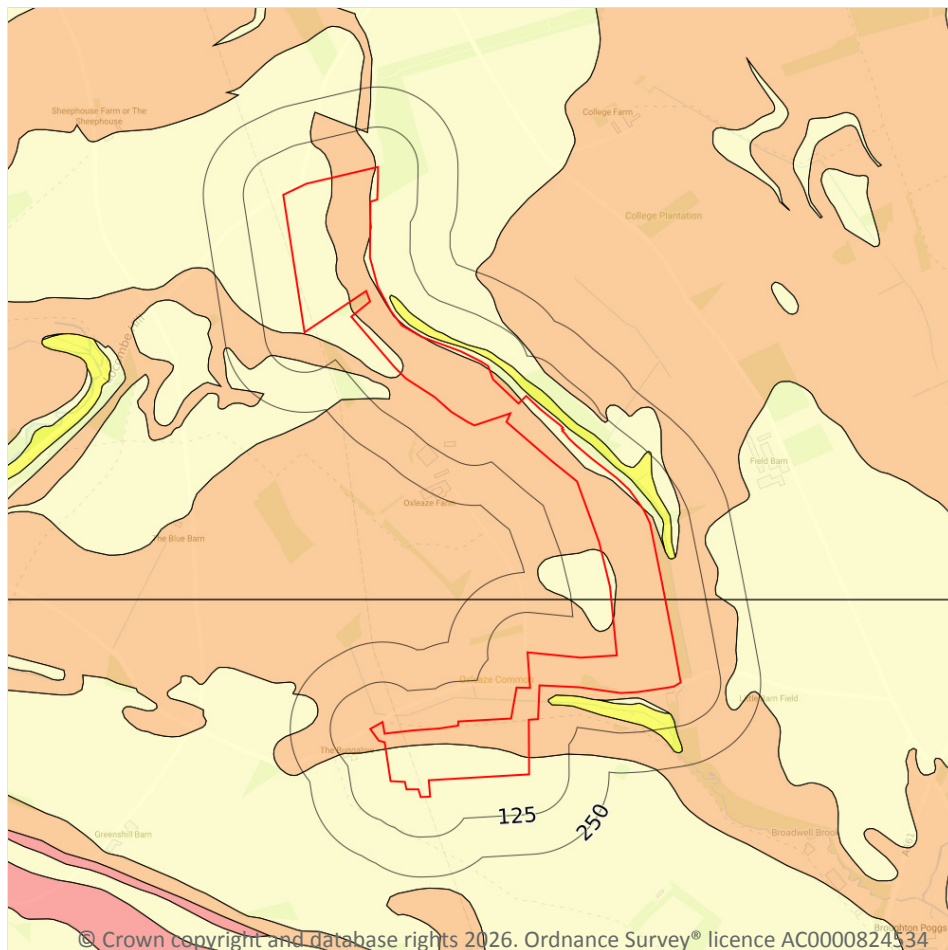


ID	Location	Grid reference	Name	Length	Confidential	Web link
4	230m SE	422780 204550	OXLEAZE COTTAGES	-1.0	N	315037 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



— Site Outline
Search buffers in metres (m)

- ☐ No data
- ☐ Negligible
- ☐ Very low
- ☐ Low
- ☐ Moderate
- ☐ High

17.1 Shrink swell clays

Records within 50m

5

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 89](#) >

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Low	Ground conditions predominantly medium plasticity.
9m NE	Very low	Ground conditions predominantly low plasticity.

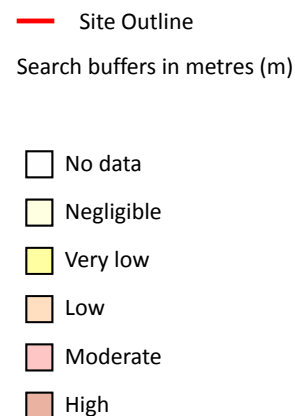
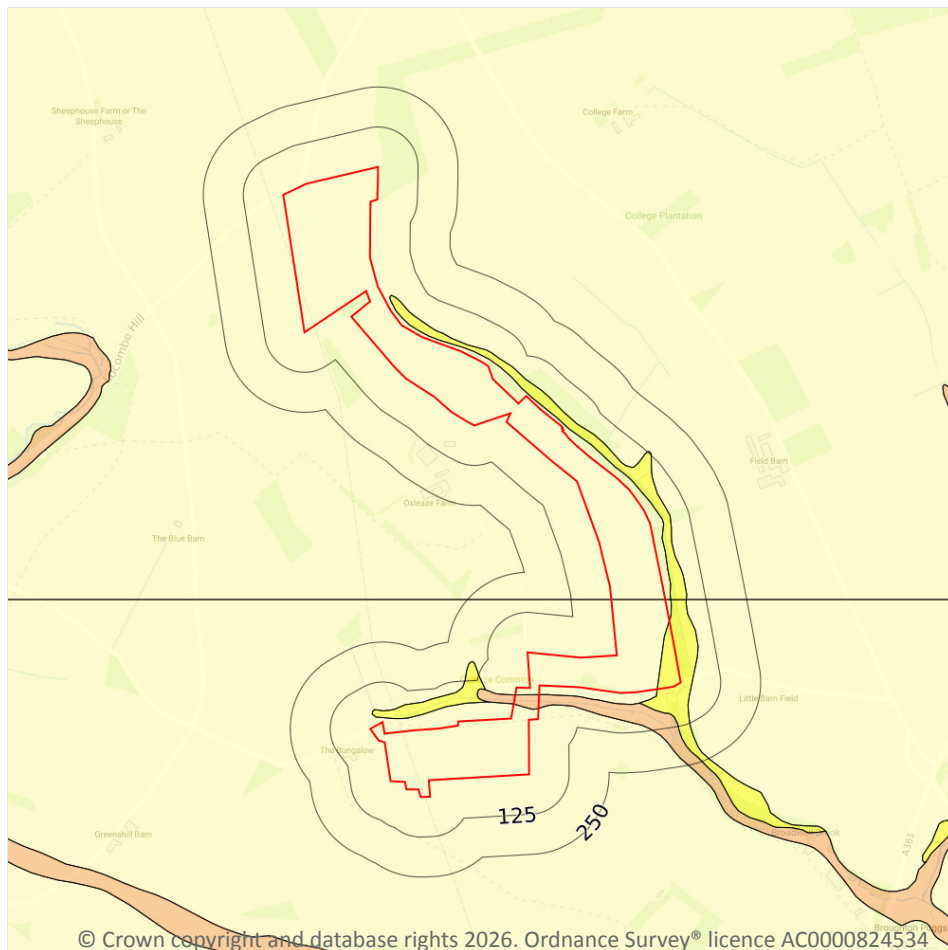


Location	Hazard rating	Details
18m S	Negligible	Ground conditions predominantly non-plastic.
28m S	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

6

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on [page 91](#) >

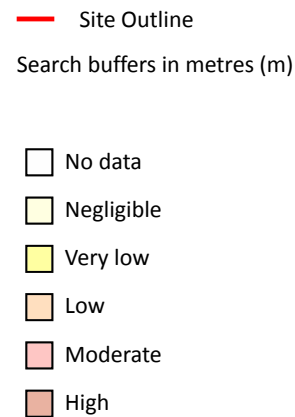
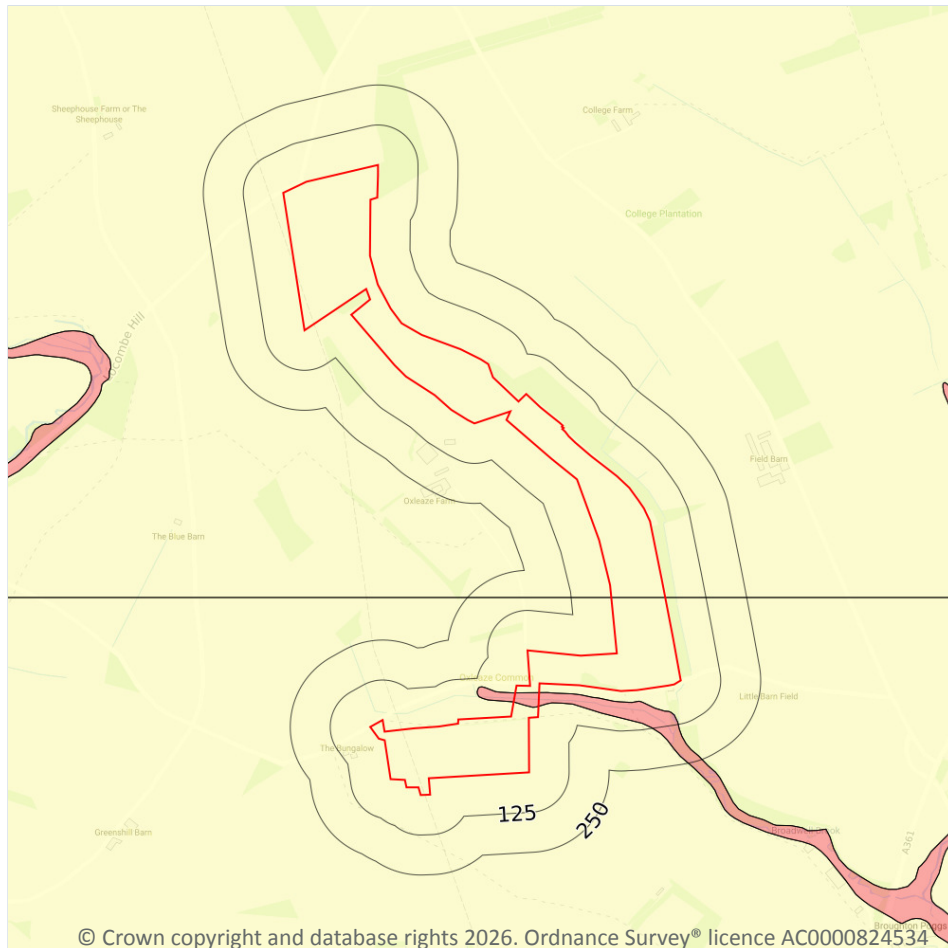
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
9m NE	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
14m N	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
35m E	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

2

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 93](#) >

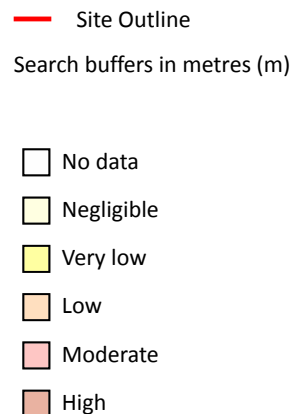
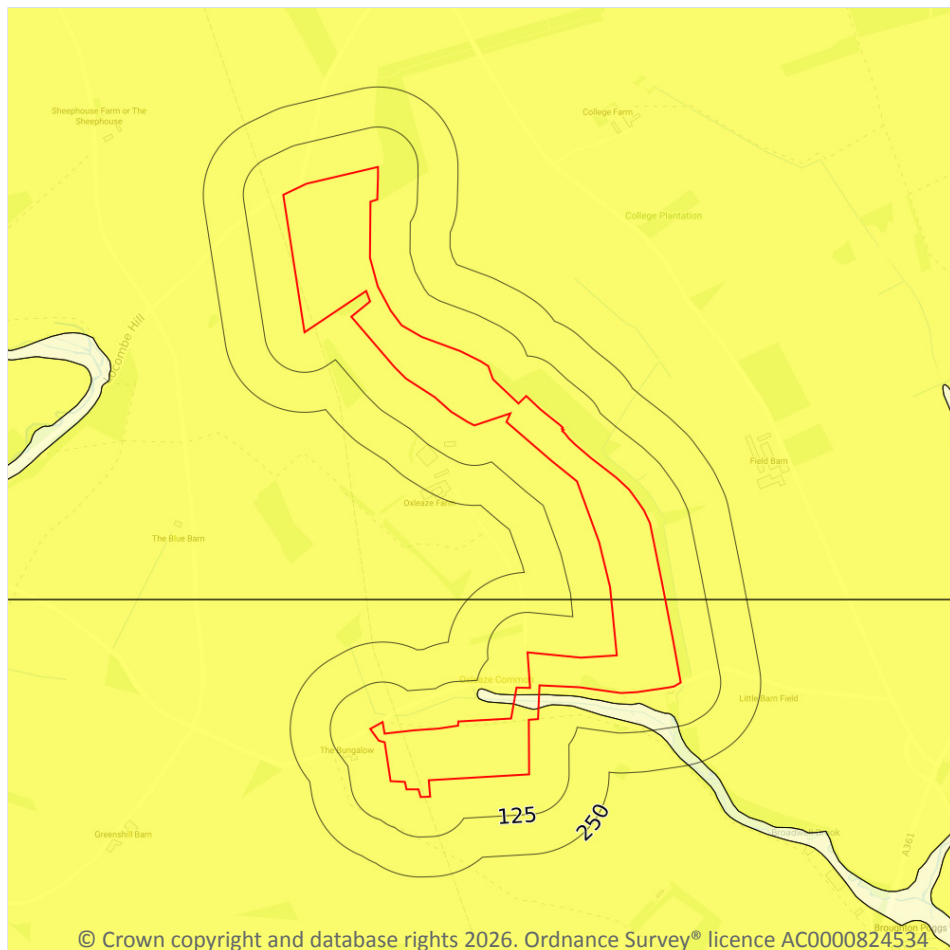
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m

2

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

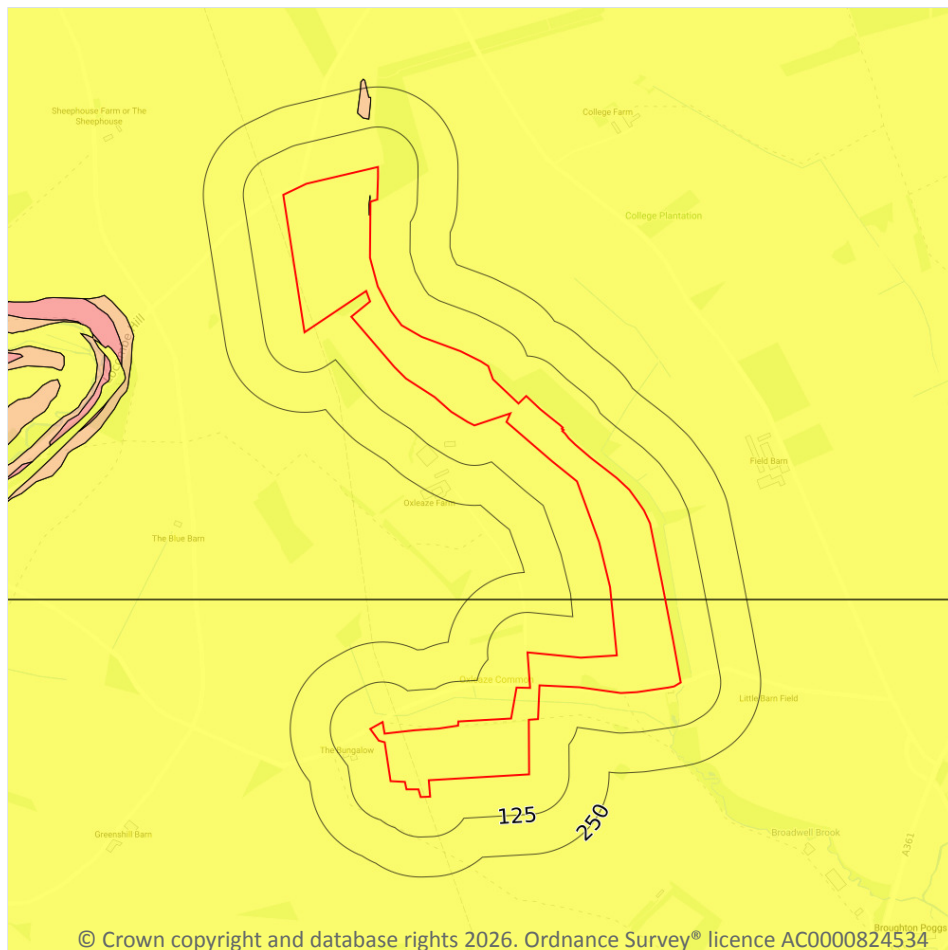
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 95 >](#)

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.5 Landslides

Records within 50m

2

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on [page 96](#) >

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

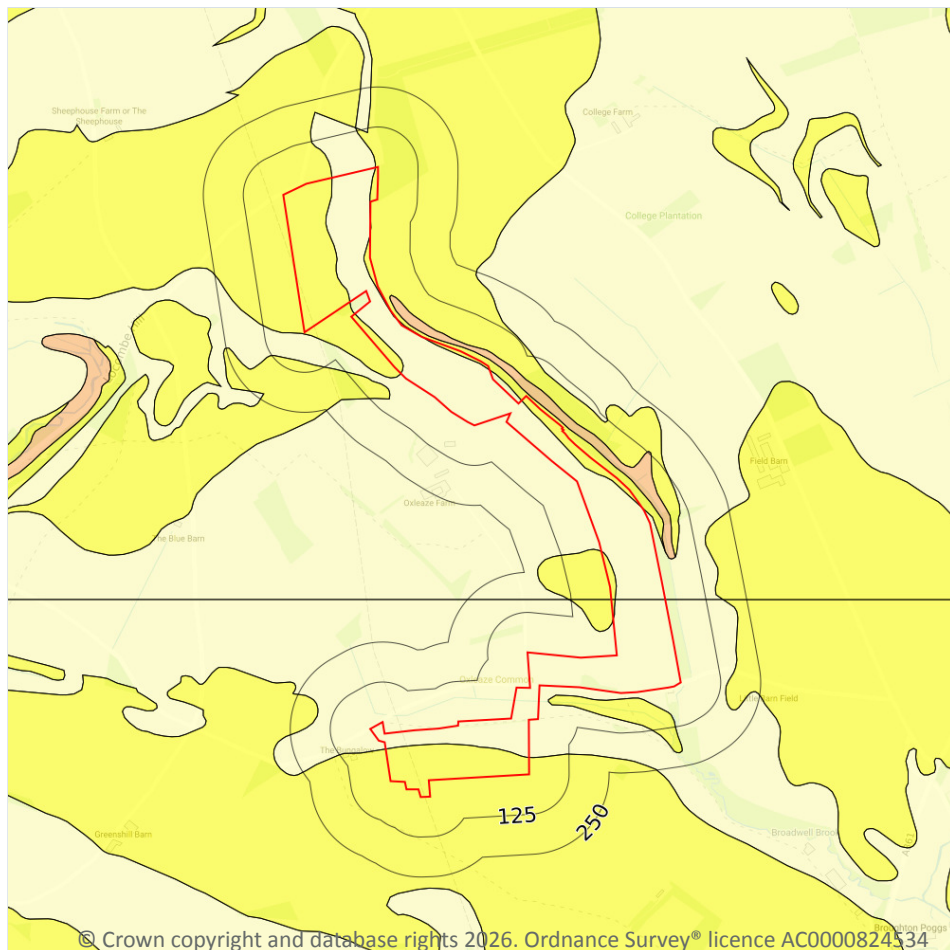


Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.6 Ground dissolution of soluble rocks

Records within 50m

4

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 98](#)

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

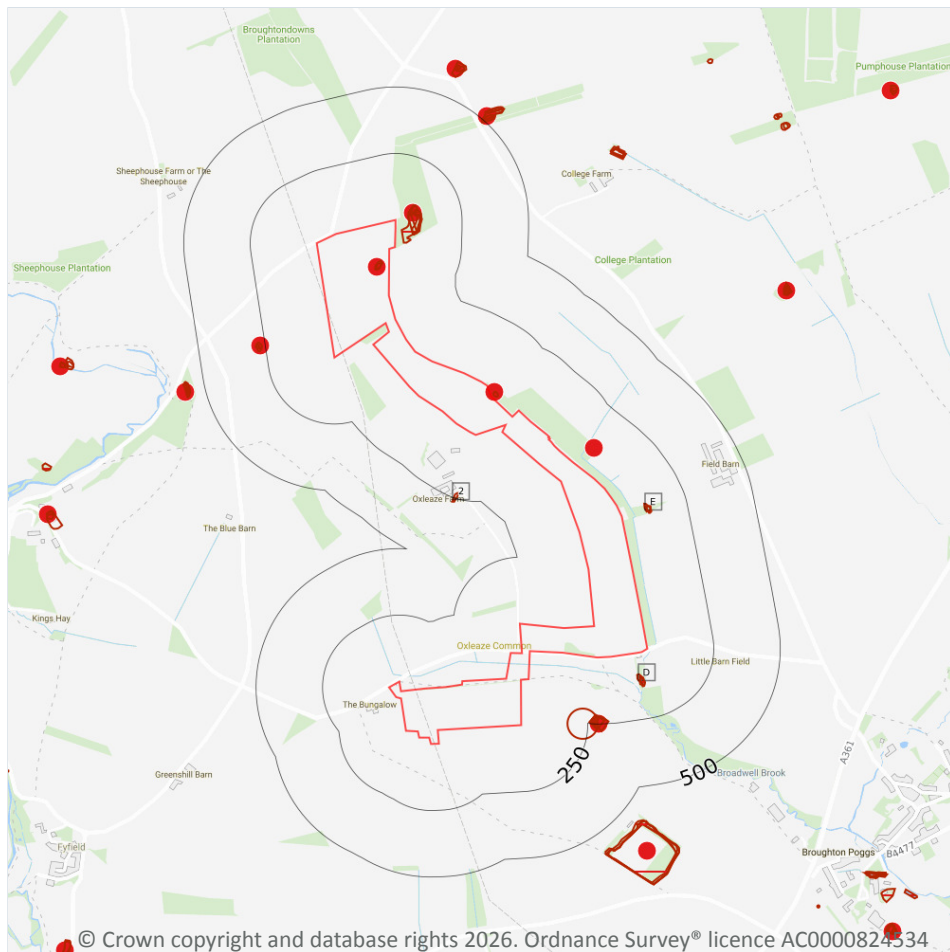


Location	Hazard rating	Details
On site	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.
9m NE	Low	Soluble rocks are present within the ground. Some dissolution features may be present. Potential for difficult ground conditions are at a level where they may be considered, localised subsidence need not be considered except in exceptional circumstances.
18m S	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.

This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- ▢ Surface ground workings
- ▢ Underground workings
- ▢ Underground mining extents
- ▢ Historical mineral planning areas
- ▢ TCA non-coal mining
- Non Coal Mining
- ▢ Sporadic underground mining of restricted extent possible
- ▢ Localised small scale underground mining possible
- ▢ Small scale mining possible
- ▢ Underground mining known or likely within or in close proximity
- ▢ Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

6

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on [page 100](#) >



ID	Location	Details	Description
A	On site	Name: Broughtondowns Plantation Address: Carterton, WITNEY, Oxfordshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
B	16m E	Name: Oxlease Farm Address: Oxlease Farm, Filkins, CARTERTON, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
C	69m E	Name: Broughtondowns Plantation Address: Carterton, WITNEY, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
1	90m NE	Name: Larklands Address: Field Barn, Filkins, CARTERTON, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.



ID	Location	Details	Description
F	248m S	Name: Broughton Poggs Quarry Address: Broughton Poggs, CARTERTON, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
G	269m W	Name: Broughtondowns Plantation Address: Filkins, WITNEY, Oxfordshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	20
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Historical land uses identified from Ordnance Survey® mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 100](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Unspecified Old Quarry	1923	1:10560
A	On site	Unspecified Old Quarry	1956	1:10560
B	11m NE	Refuse Heap	1923	1:10560
C	23m E	Unspecified Quarries	1880	1:10560
C	50m E	Unspecified Old Quarries	1923	1:10560
C	54m NE	Unspecified Old Quarries	1900	1:10560
C	56m E	Unspecified Pit	1956	1:10560
C	70m NE	Unspecified Pit	1956	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	80m S	Pond	1956	1:10560
D	88m S	Pond	1923	1:10560
D	88m S	Pond	1923	1:10560
E	92m E	Unspecified Quarry	1956	1:10560
E	98m NE	Unspecified Pit	1923	1:10560
E	98m NE	Unspecified Pit	1923	1:10560
F	174m E	Unspecified Old Quarry	1923	1:10560
F	216m S	Unspecified Old Quarry	1956	1:10560
F	216m S	Unspecified Disused Quarry	1976	1:10000
F	220m S	Unspecified Quarry	1900	1:10560
F	221m S	Unspecified Old Quarry	1923	1:10560
2	228m S	Pond	1976	1:10000

This is data is sourced from Ordnance Survey®/Groundsure.

18.3 Underground workings

Records within 1000m

0

Historical land uses identified from Ordnance Survey® mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey®/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.



18.9 Researched mining

Records within 500m

0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site

0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site

0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.



18.14 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey® maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

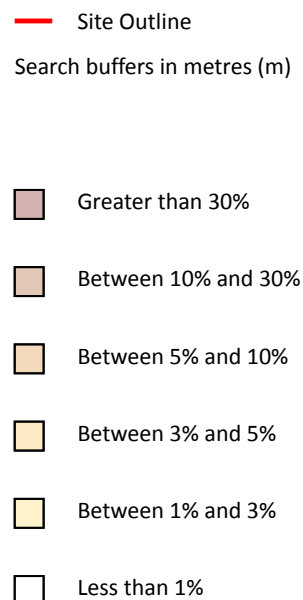
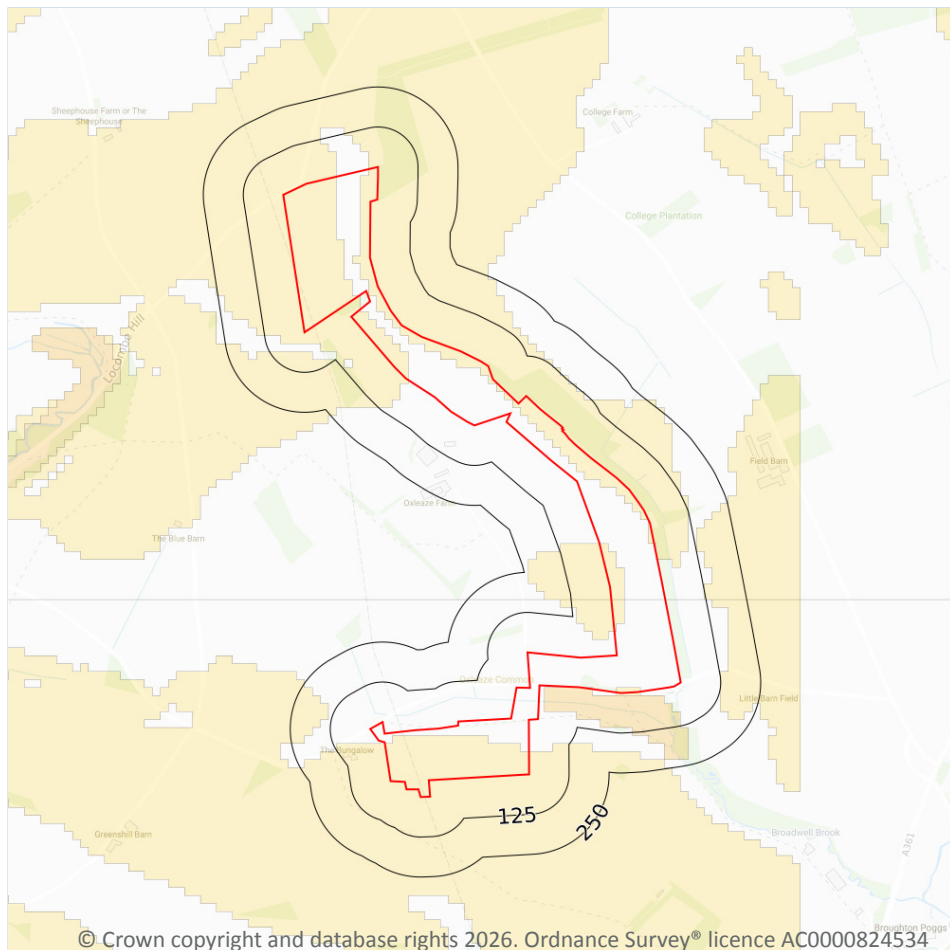
Not all 'holes' noted on Ordnance Survey® mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

3

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 109](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None



Location	Estimated properties affected	Radon Protection Measures required
On site	Between 3% and 5%	Basic
On site	Less than 1%	None

This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

48

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
5m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
9m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
10m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
14m N	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
17m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
17m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
18m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
18m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
24m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
25m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
28m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
31m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
31m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
35m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
35m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
45m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
47m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m**0**

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m**0**

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m**0**

Railway tunnels taken from contemporary Ordnance Survey® mapping.

This data is sourced from the Ordnance Survey®.

22.4 Historical railway and tunnel features

Records within 250m**0**

Railways and tunnels digitised from historical Ordnance Survey® mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey®/Groundsure.

22.5 Royal Mail tunnels

Records within 250m**0**

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey® and OpenStreetMap.

22.8 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

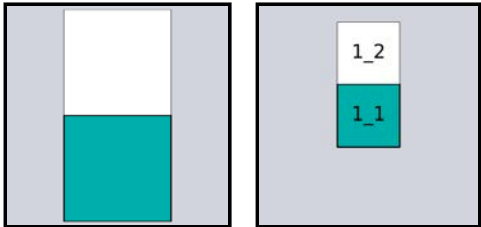
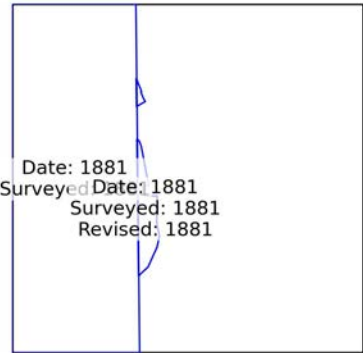
Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-conditions-april-2026/ ↗.

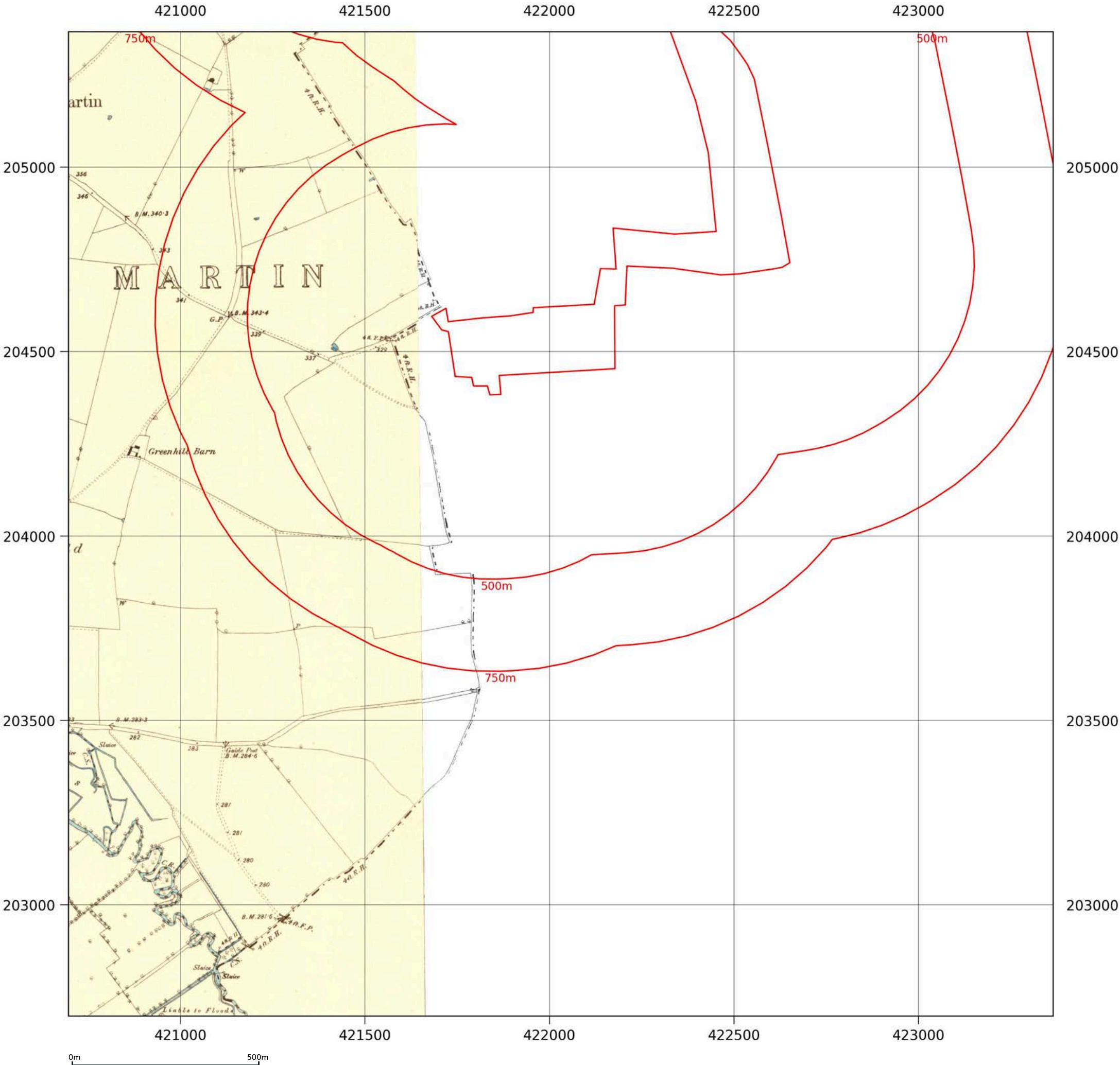


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

Map name: County Series
Map date: 1881
Scale: 1:10,560
Printed at: 1:10,560



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

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Scale:

1:10,560

Printed at:

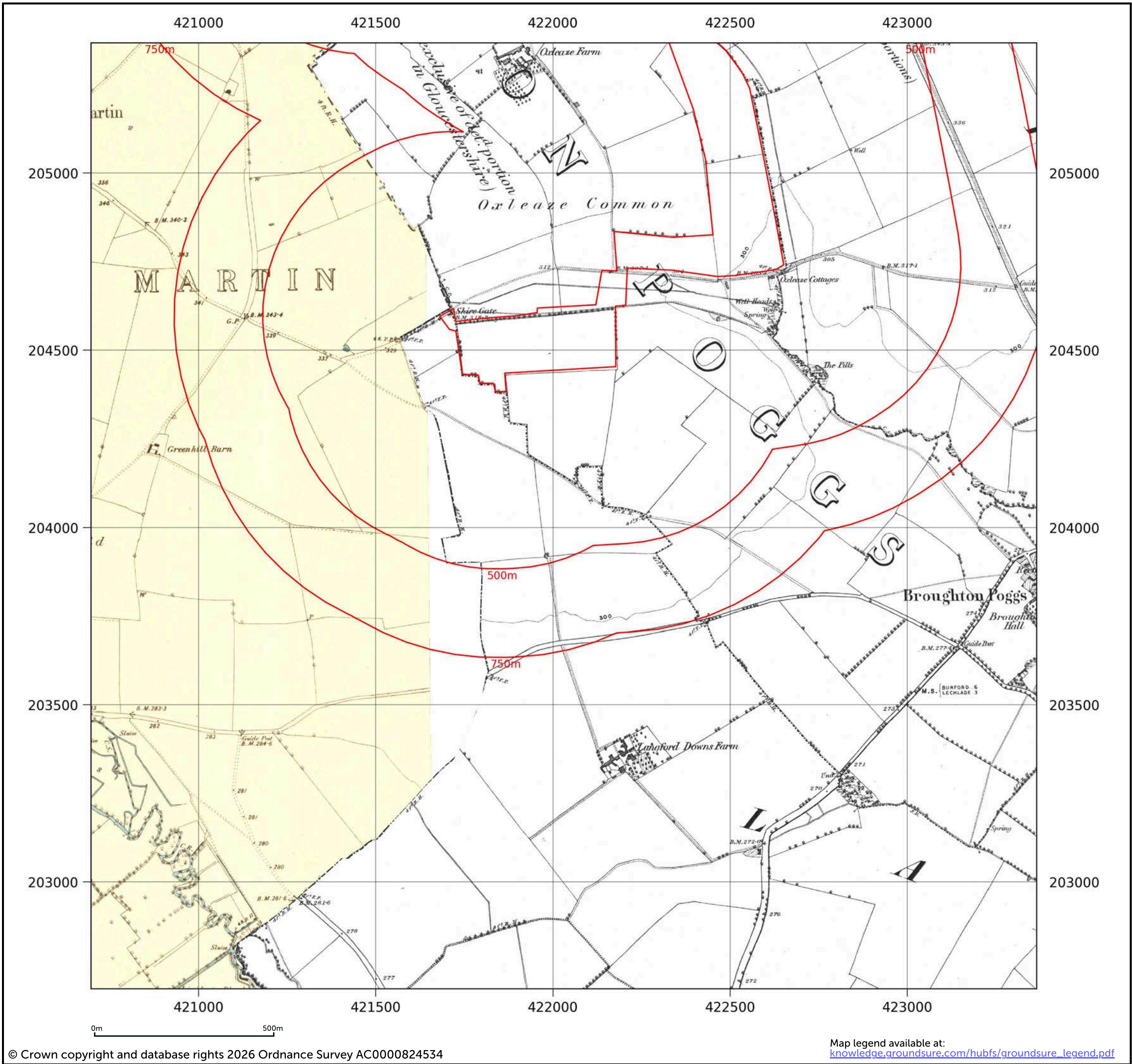
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Surveyed: 1881
Revised: 1881

Date: 1881
Surveyed: 1881
Revised: 1881

1_2

1_1



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1900

Scale:

1:10,560

Printed at:

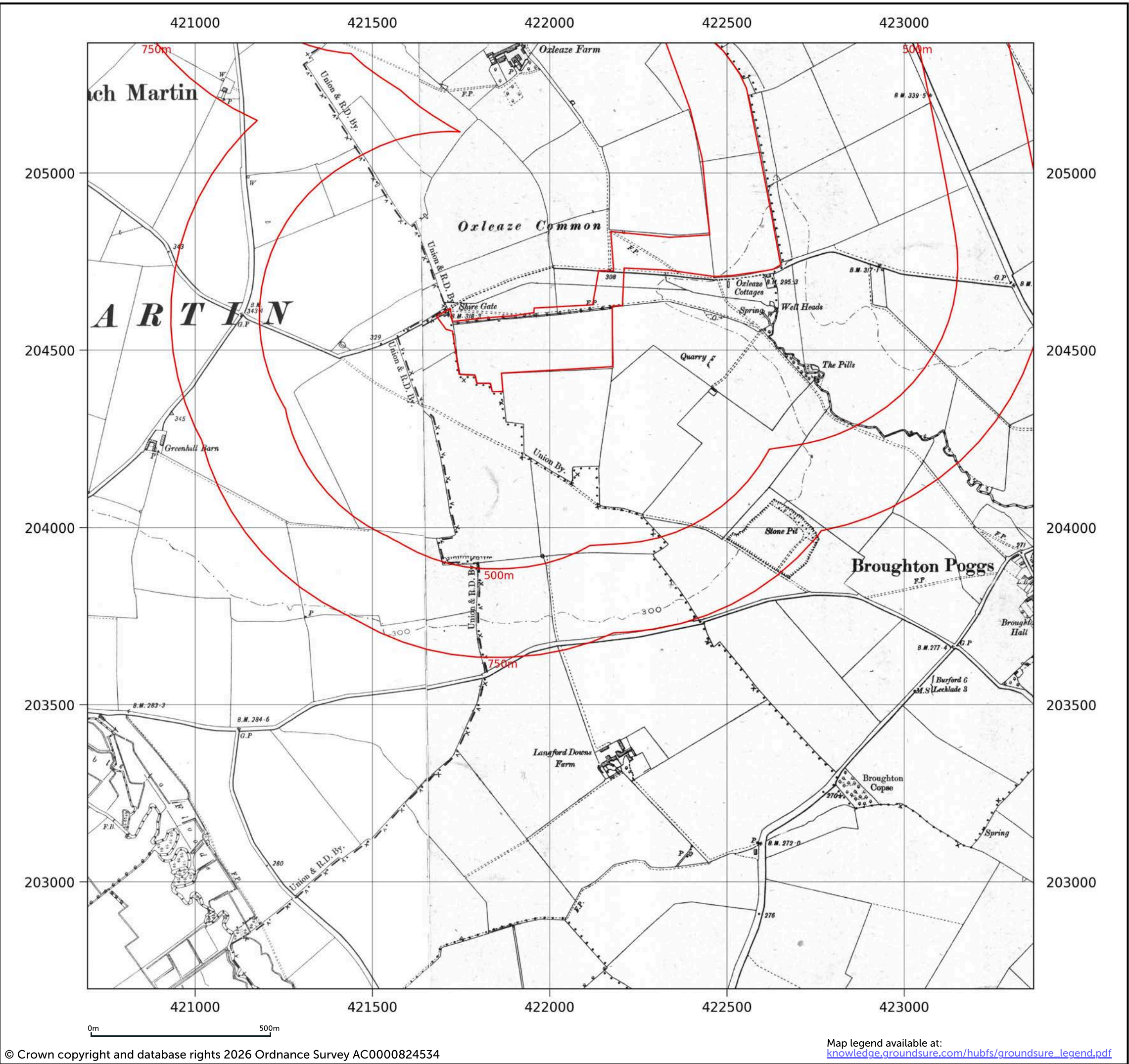
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Revised: 1900

Date: 1900

1_2

1_1



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

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Scale:

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Printed at:

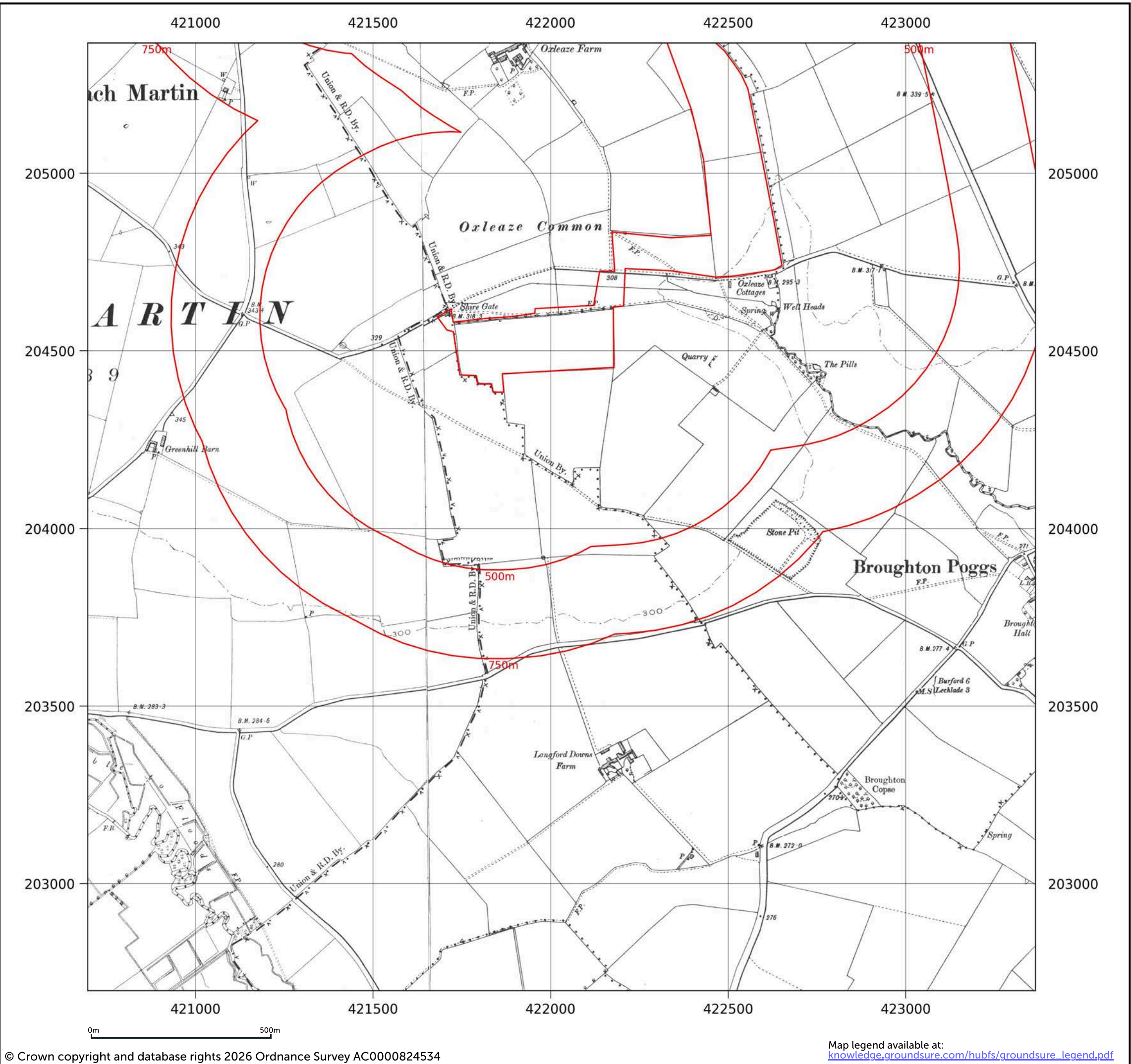
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Revised: 1901

Date: 1900
Surveyed: 1881
Revised: 1900

1_2

1_1



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1919

Scale:

1:10,560

Printed at:

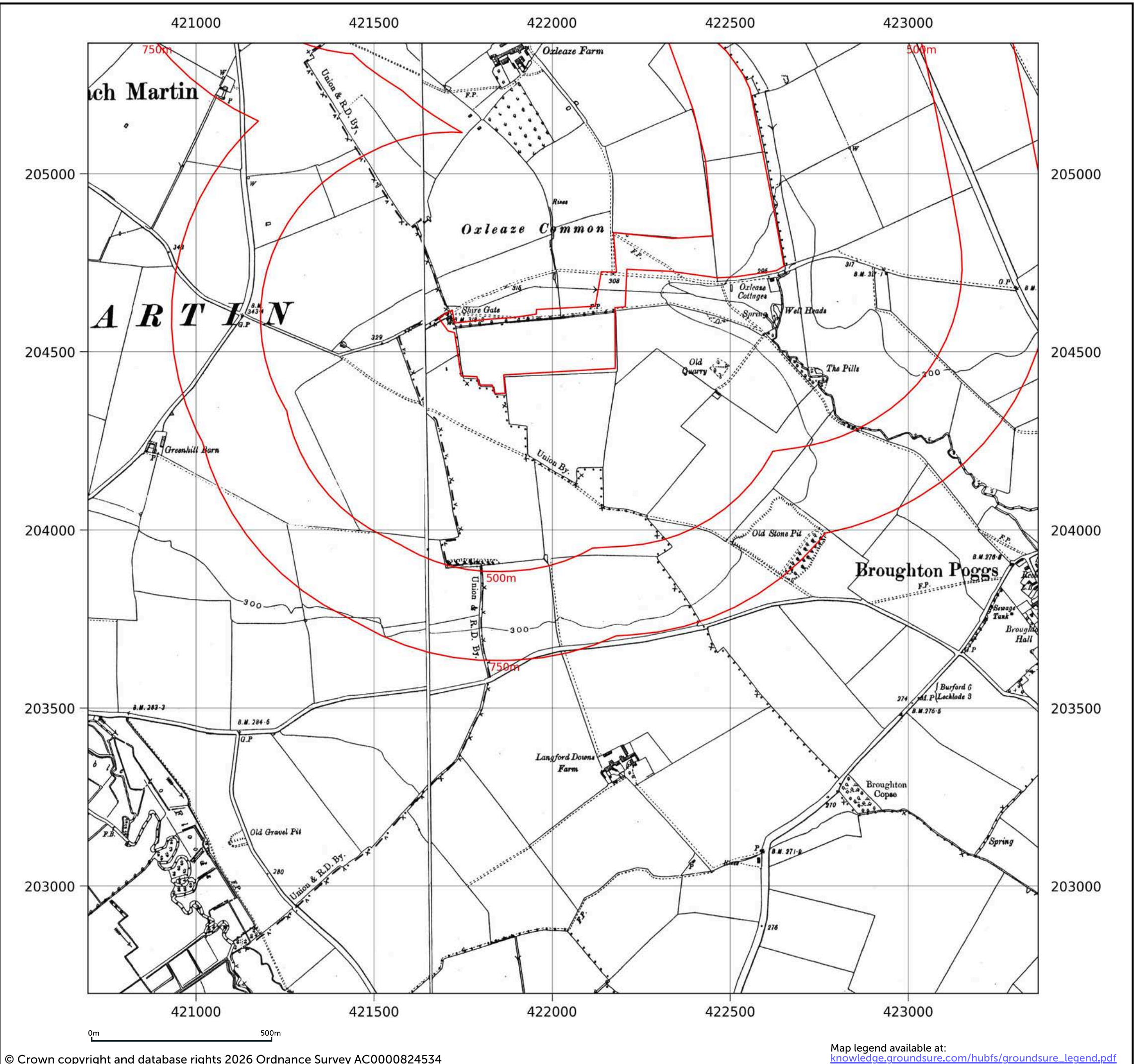
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Date: 1919

Date: 1919

1_2

1_1



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

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Grid ref:

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Production date:

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Map name:

County Series

Map date:

1923

Scale:

1:10,560

Printed at:

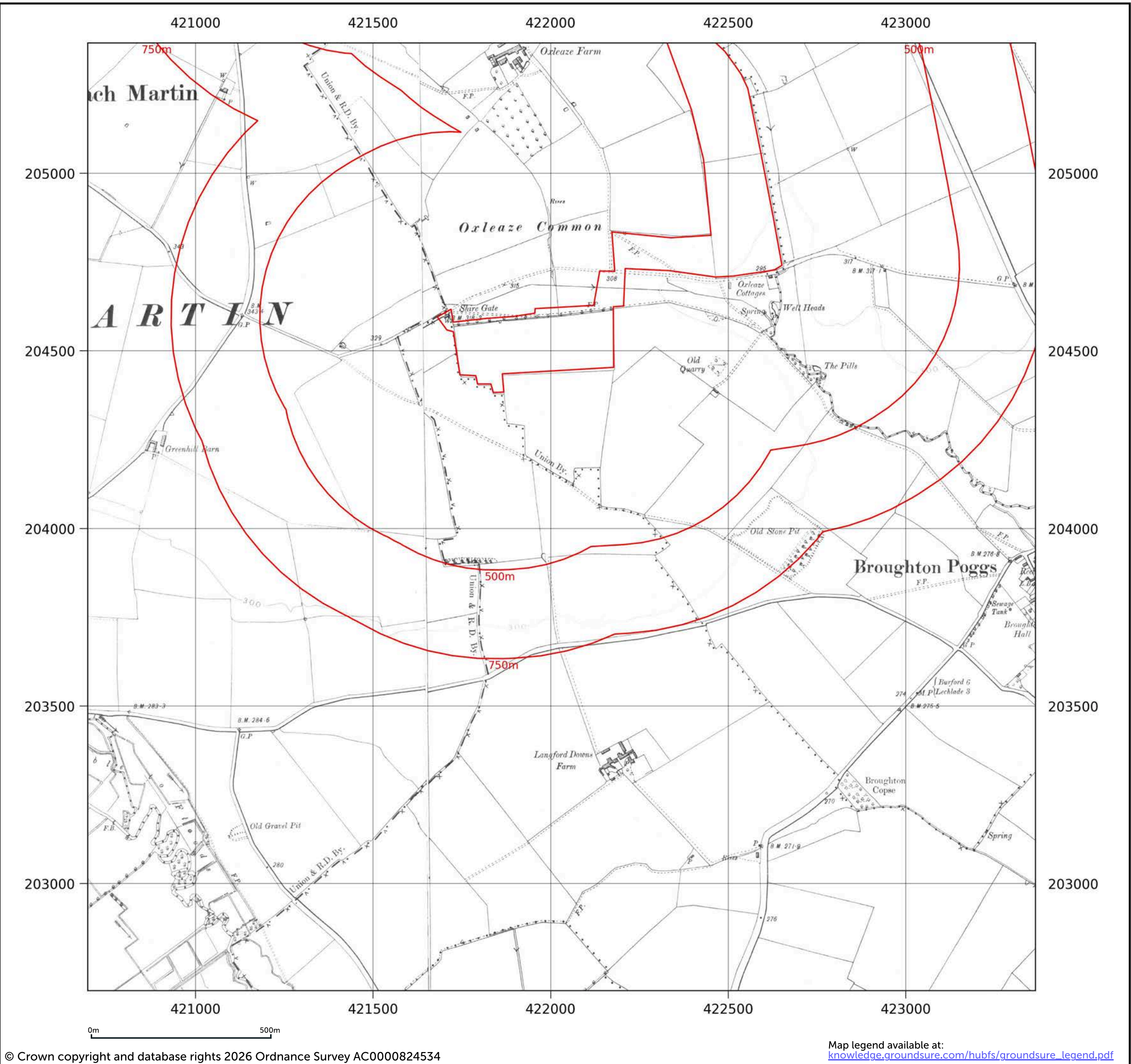
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Date: 1923
Surveyed: 1881
Revised: 1923

Date: 1923
Surveyed: 1879
Revised: 1923

1_2

1_1



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

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Production date:

13 May 2026

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County Series

Map date:

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Scale:

1:10,560

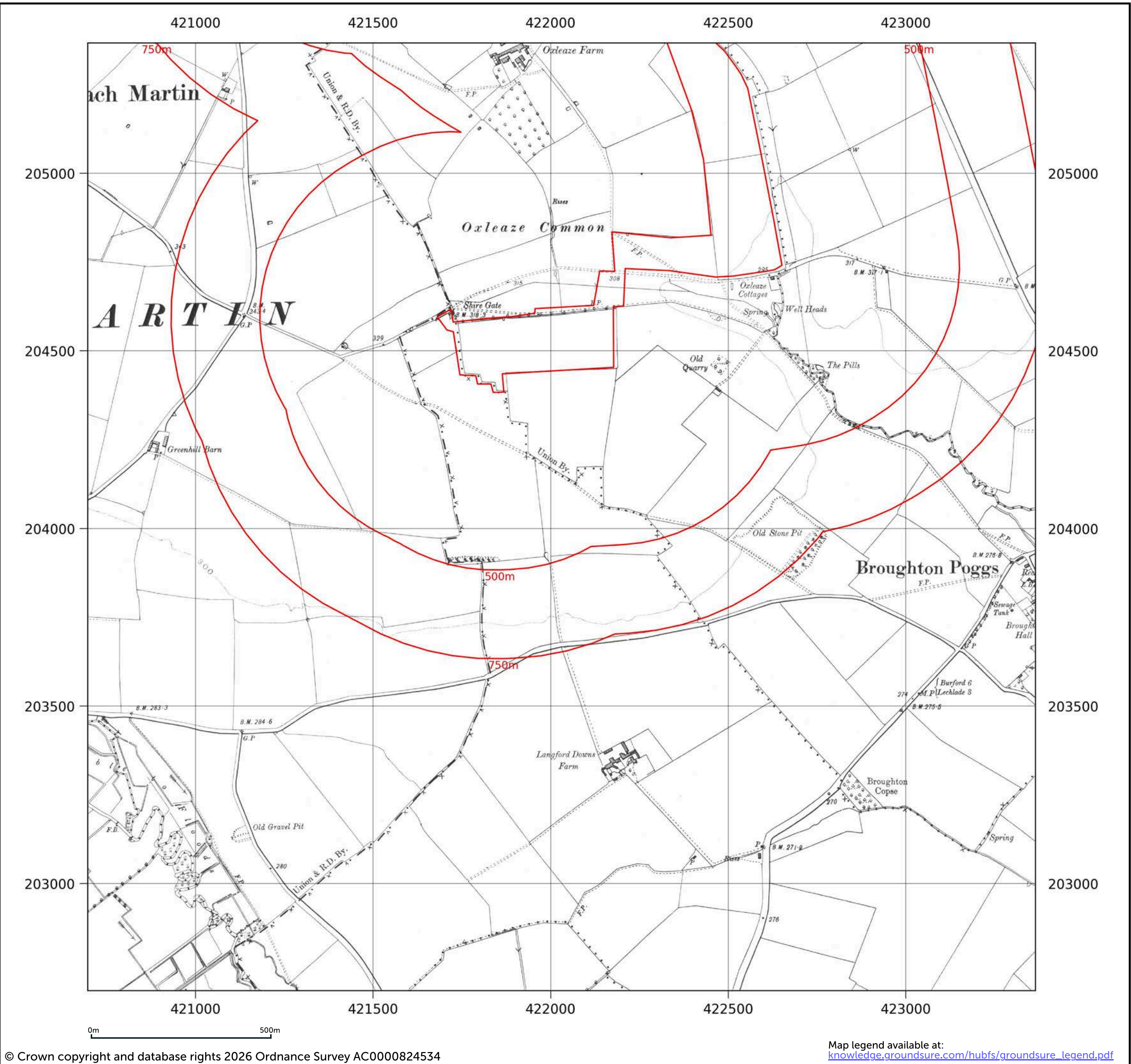
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Revised: 1923

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1_1

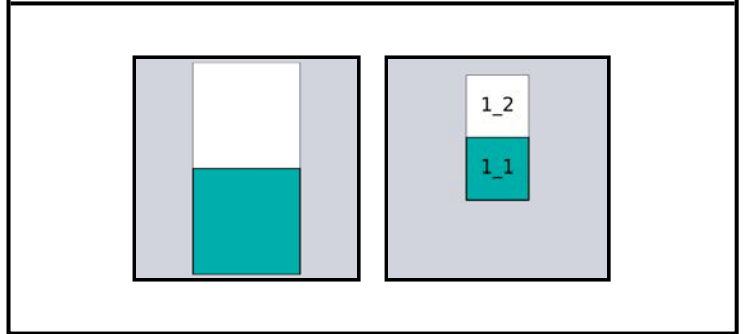


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

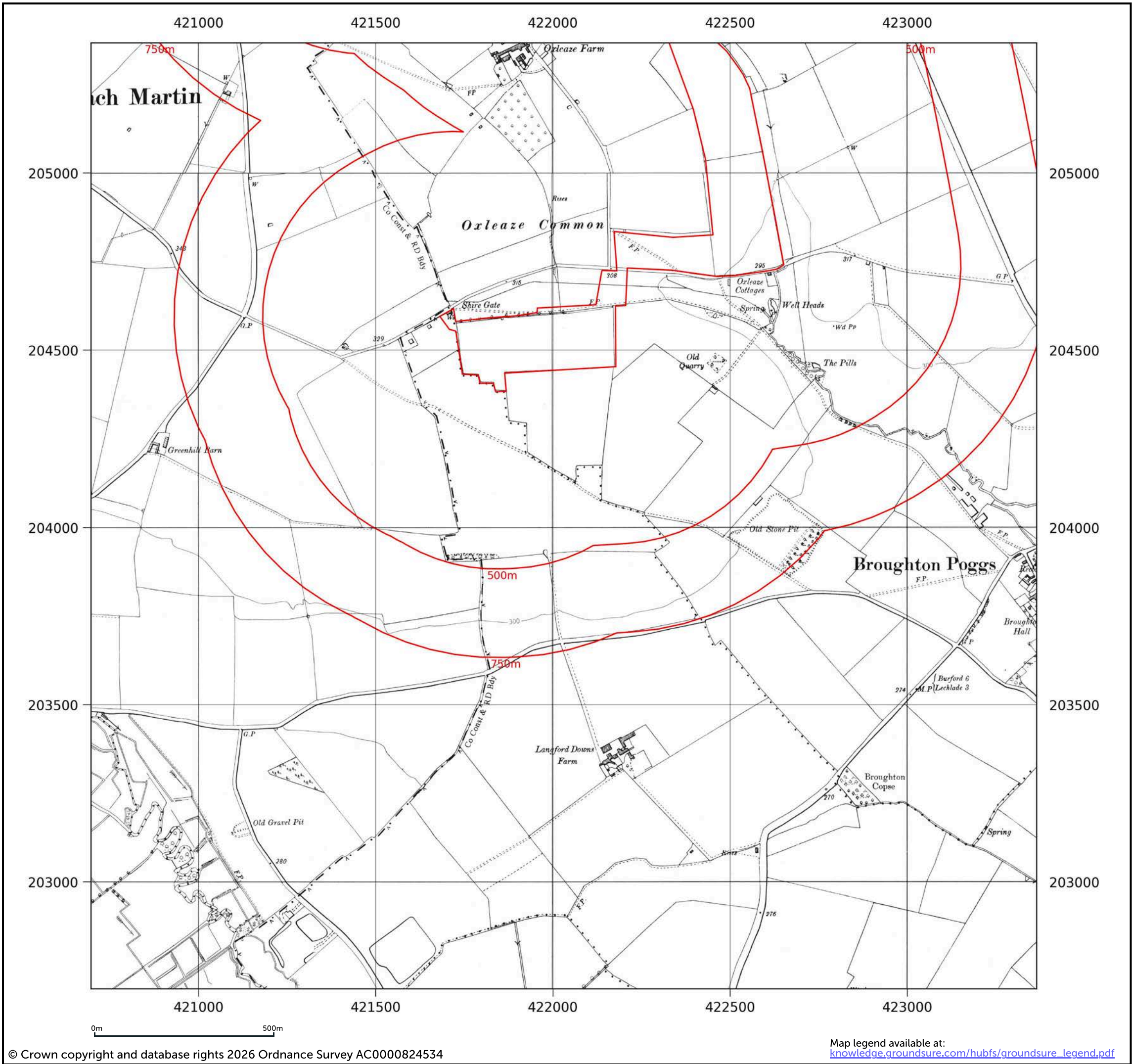
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Map date:	1956
Scale:	1:10,560
Printed at:	1:10,560



Date: 1956 Surveyed: 1956 Revised: 1956
Date: 1956 Surveyed: 1956 Revised: 1956



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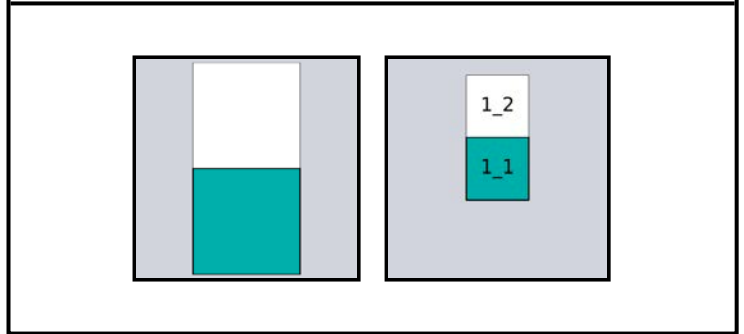


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

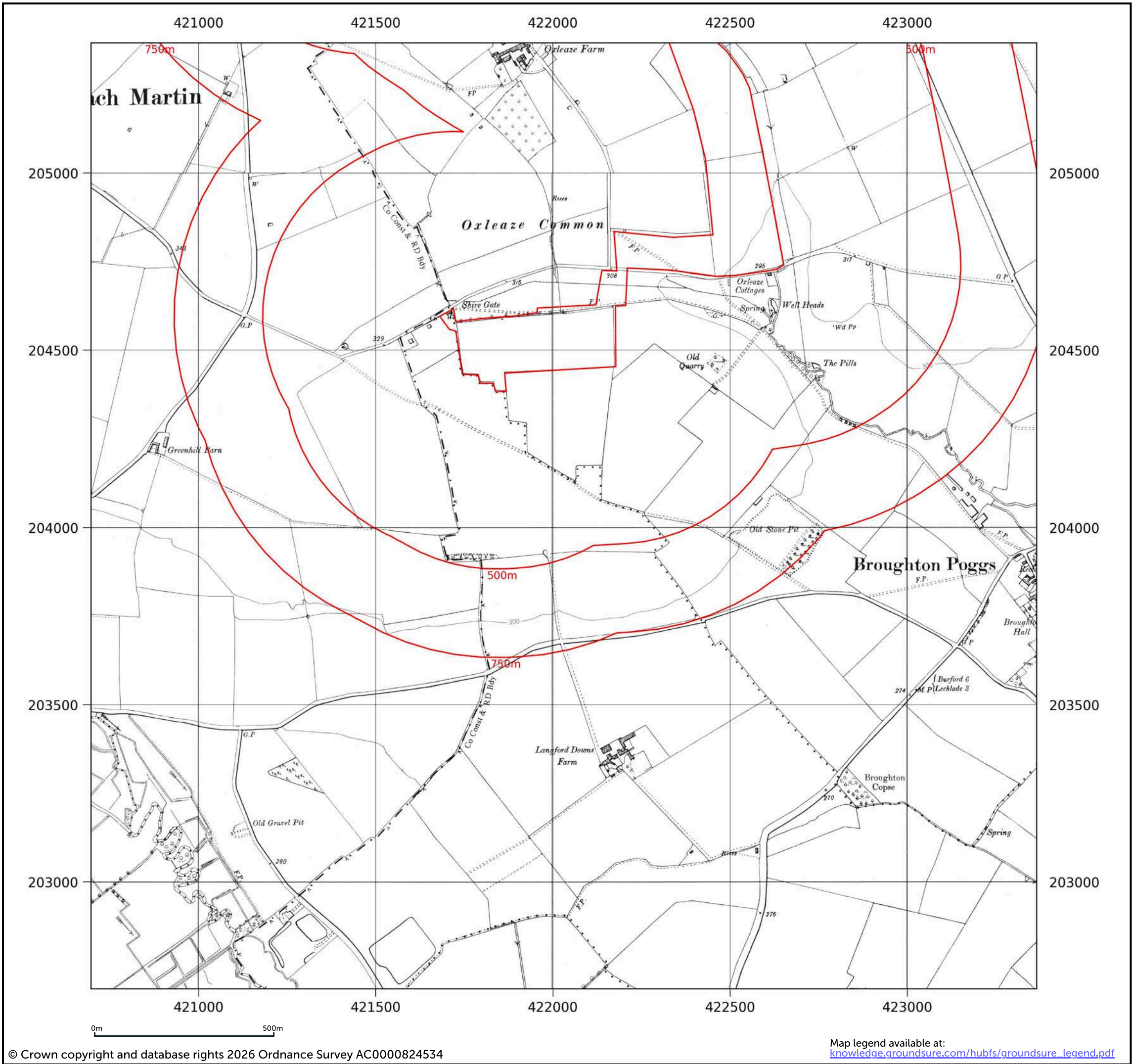
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Map date:	1956
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Printed at:	1:10,560



Date: 1956 Surveyed: 1956 Revised: 1956
Date: 1956 Surveyed: 1956 Revised: 1956



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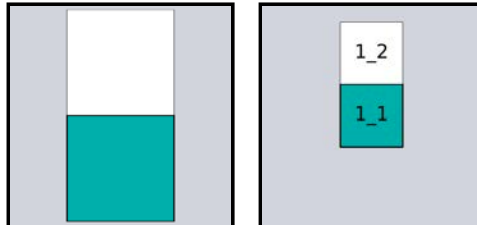
Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

Map name: National Grid
Map date: 1976
Scale: 1:10,000
Printed at: 1:10,000

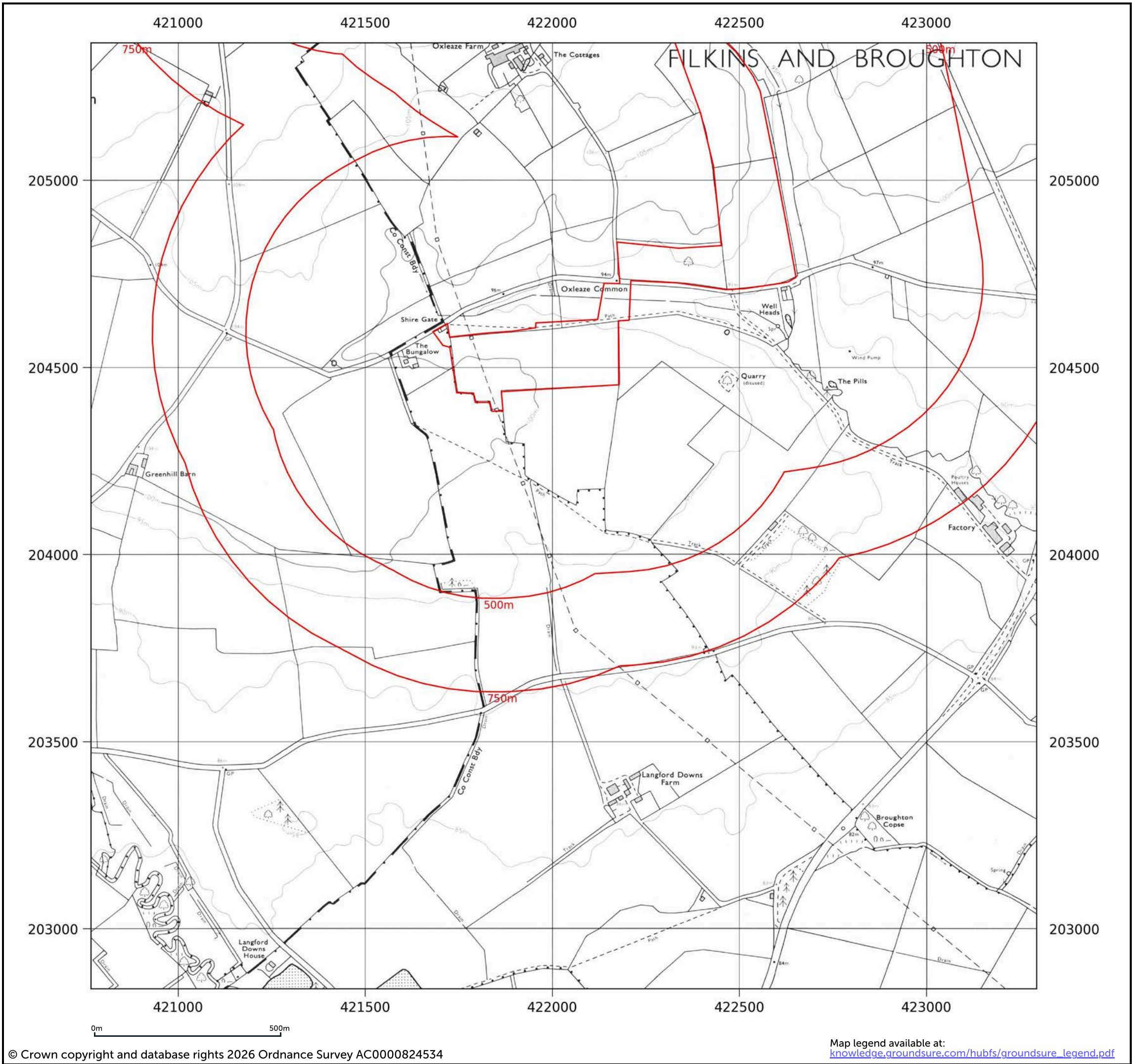


Date: 1976
Surveyed: 1971
Revised: 1975
Copyright: 1976
Levelled: 1974

Date: 1976
Surveyed: 1971
Revised: 1976
Copyright: 1976
Levelled: 1974



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

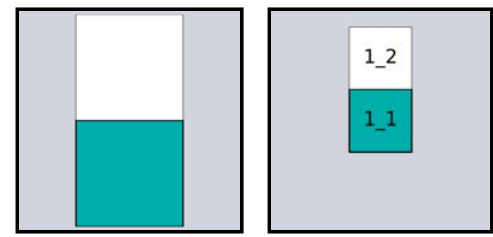
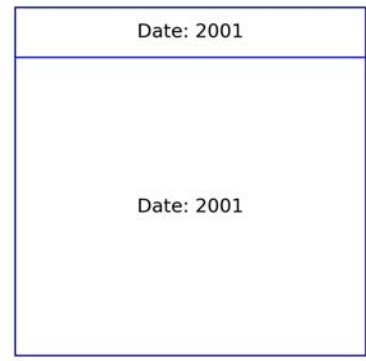
2001

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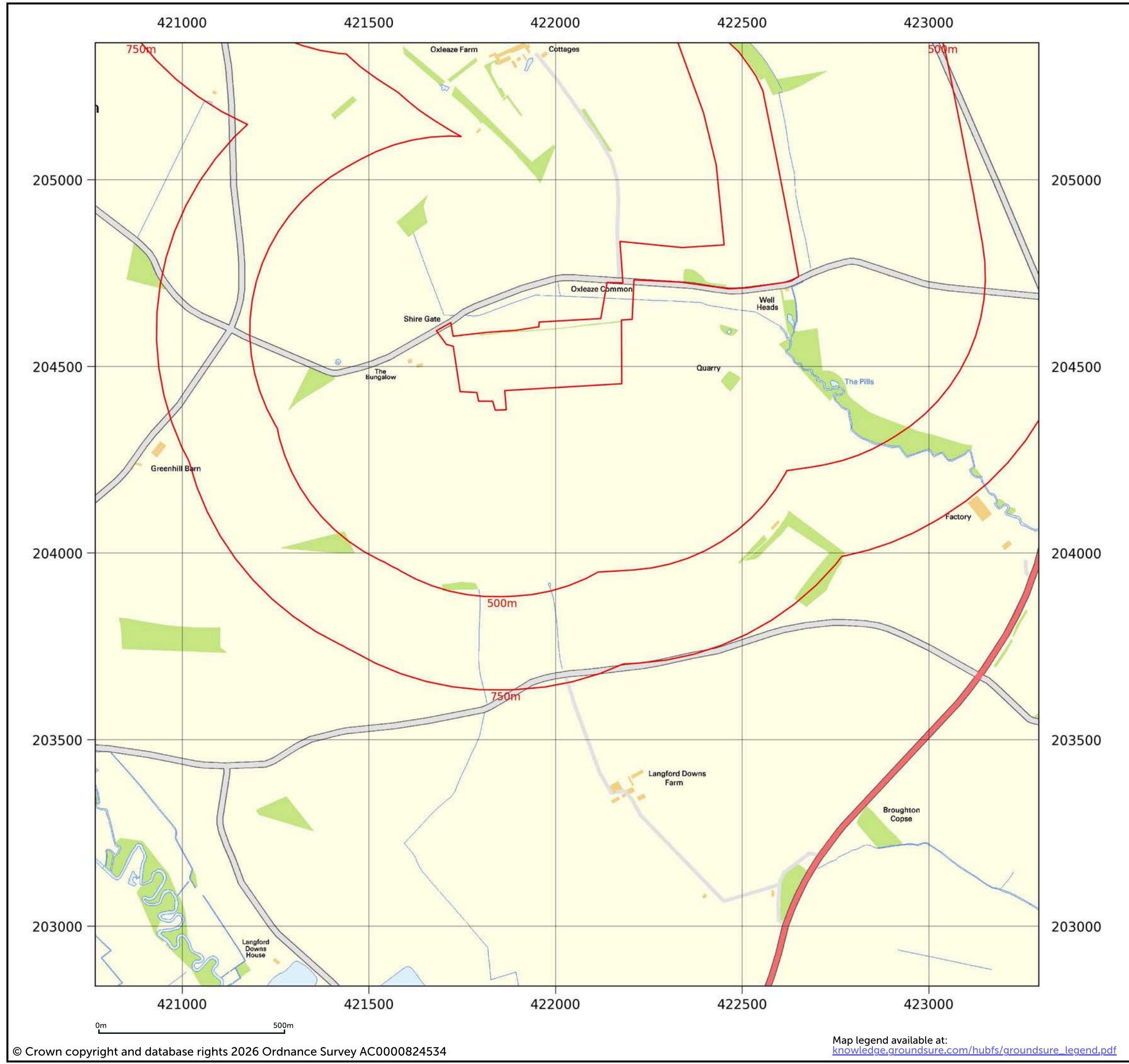
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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

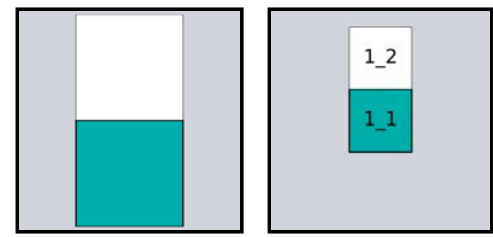
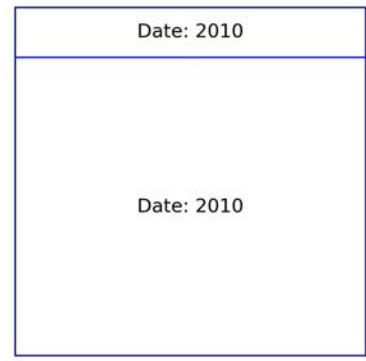
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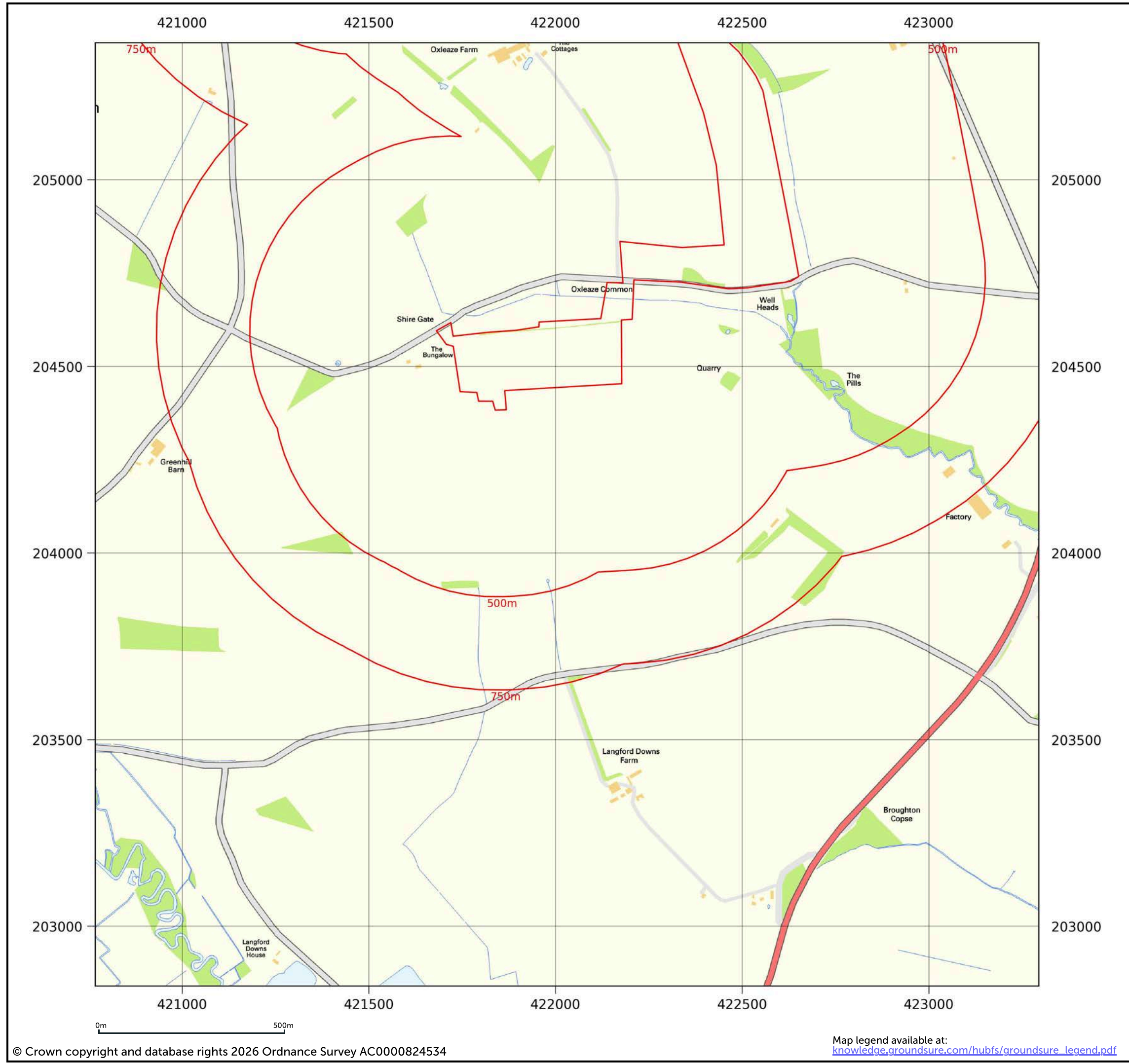
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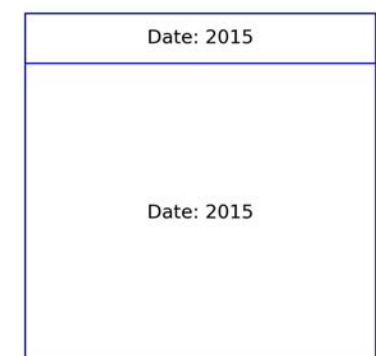
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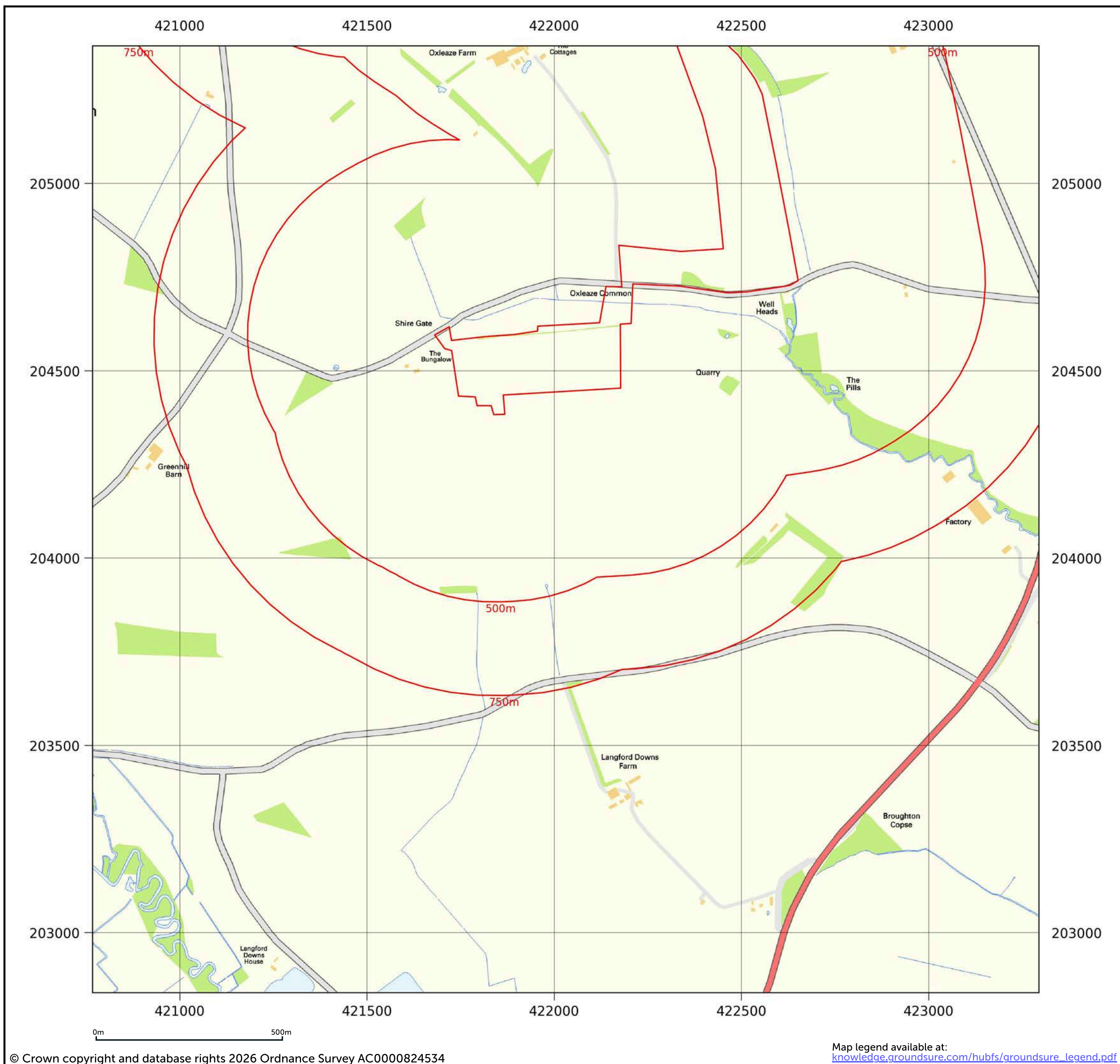
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knowledge.groundsure.com/hubfs/groundsure_legend.pdf

Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

Map name: National Grid
Map date: 2015
Scale: 1:10,000
Printed at: 1:10,000



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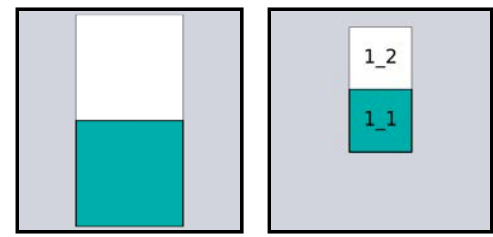


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	National Grid
Map date:	2025
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Printed at:	1:10,000

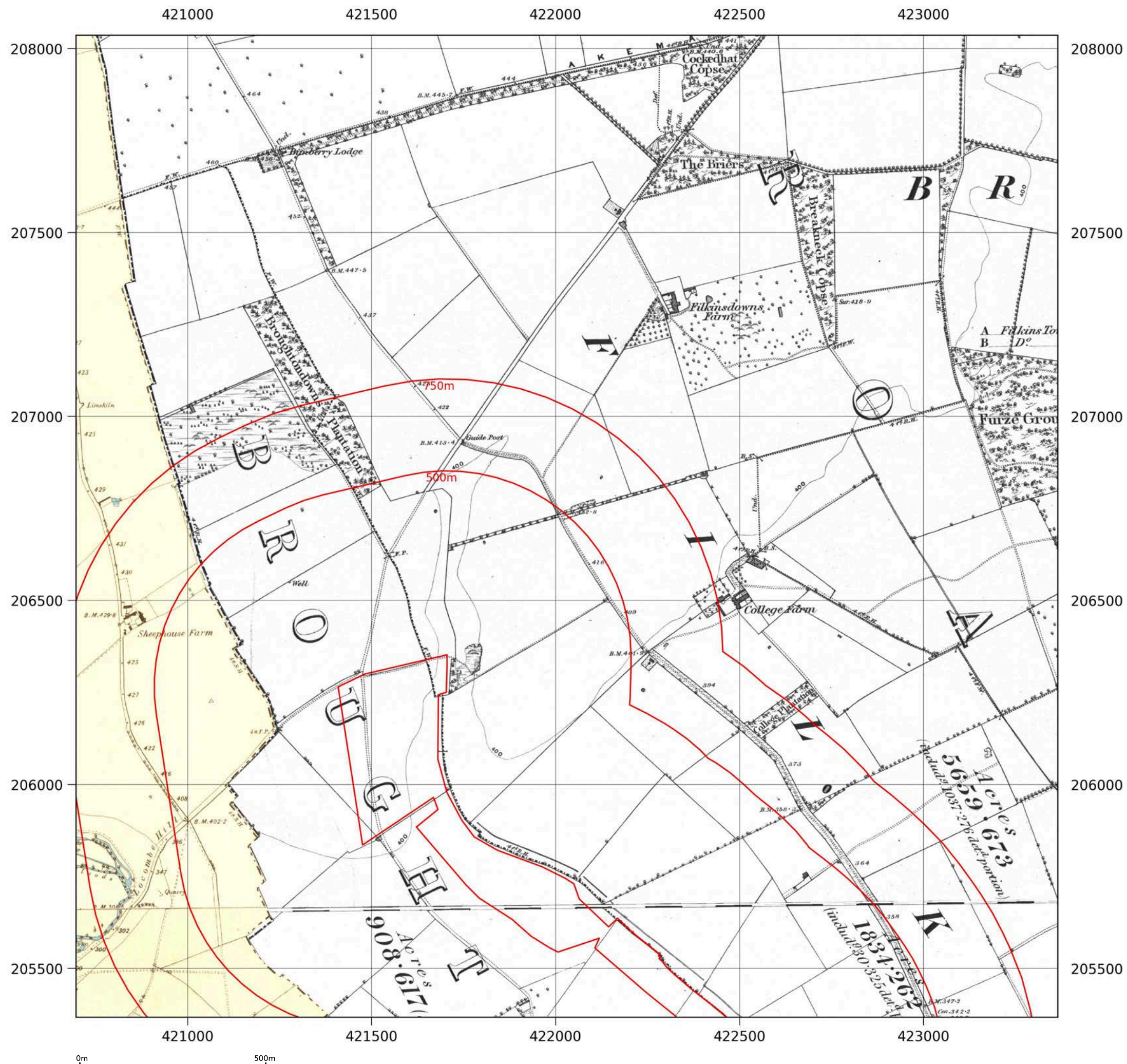


Date: 2025
Date: 2025



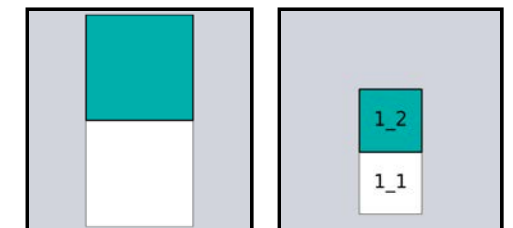
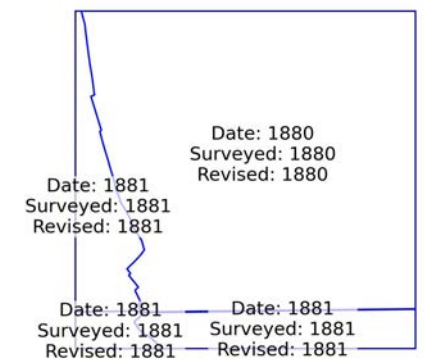
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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
Map date:	1880-1881
Scale:	1:10,560
Printed at:	1:10,560



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1881

Scale:

1:10,560

Printed at:

1:10,560

N
W
E
S

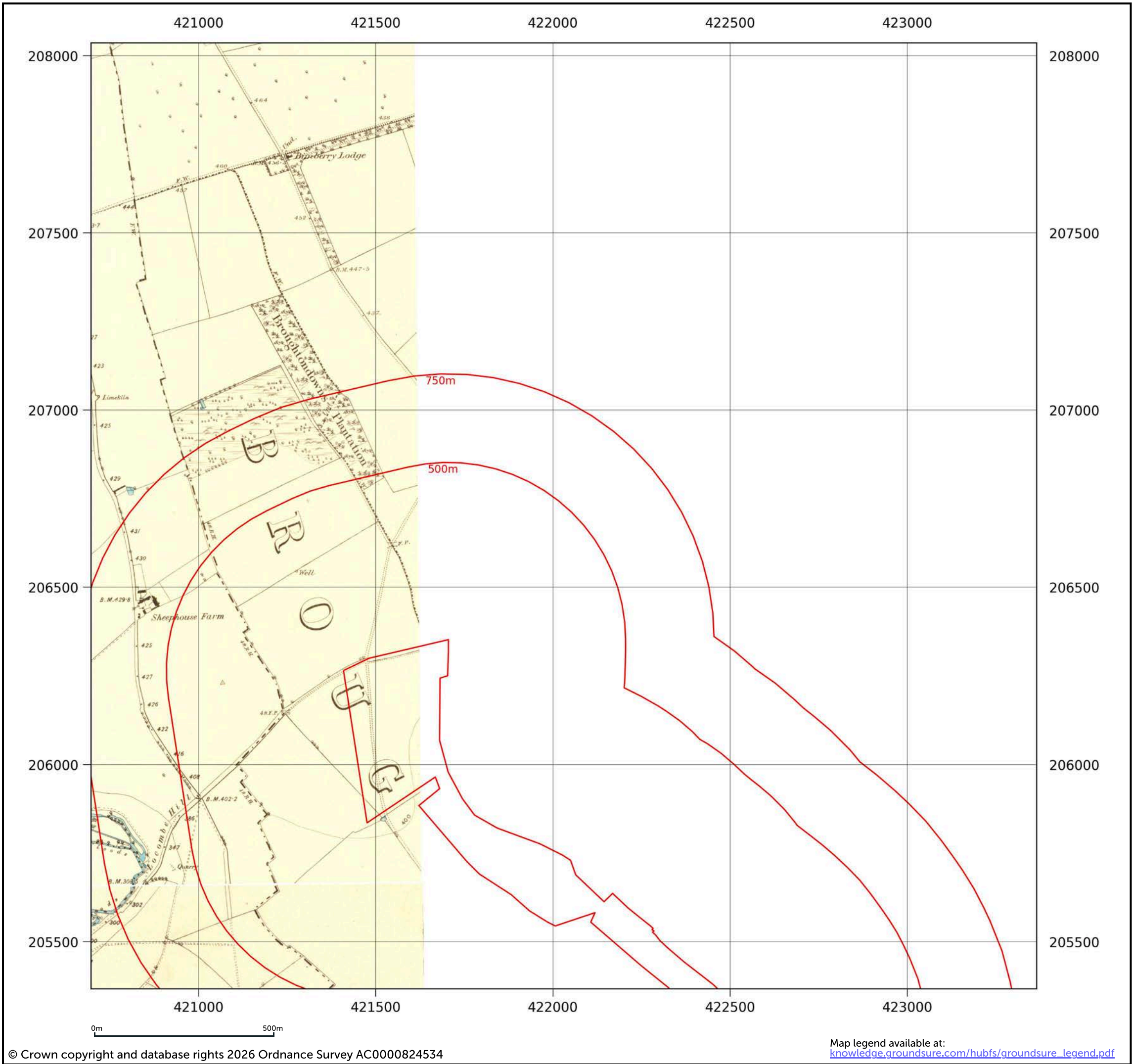
Date: 1881
Surveyed: 1881

Date: 1881
Surveyed: 1881

1_2

1_1

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1899-1900

Scale:

1:10,560

Printed at:

1:10,560

Date: 1899
Surveyed: 1881
Revised: 1899

Date: 1900
Surveyed: 1880
Revised: 1900

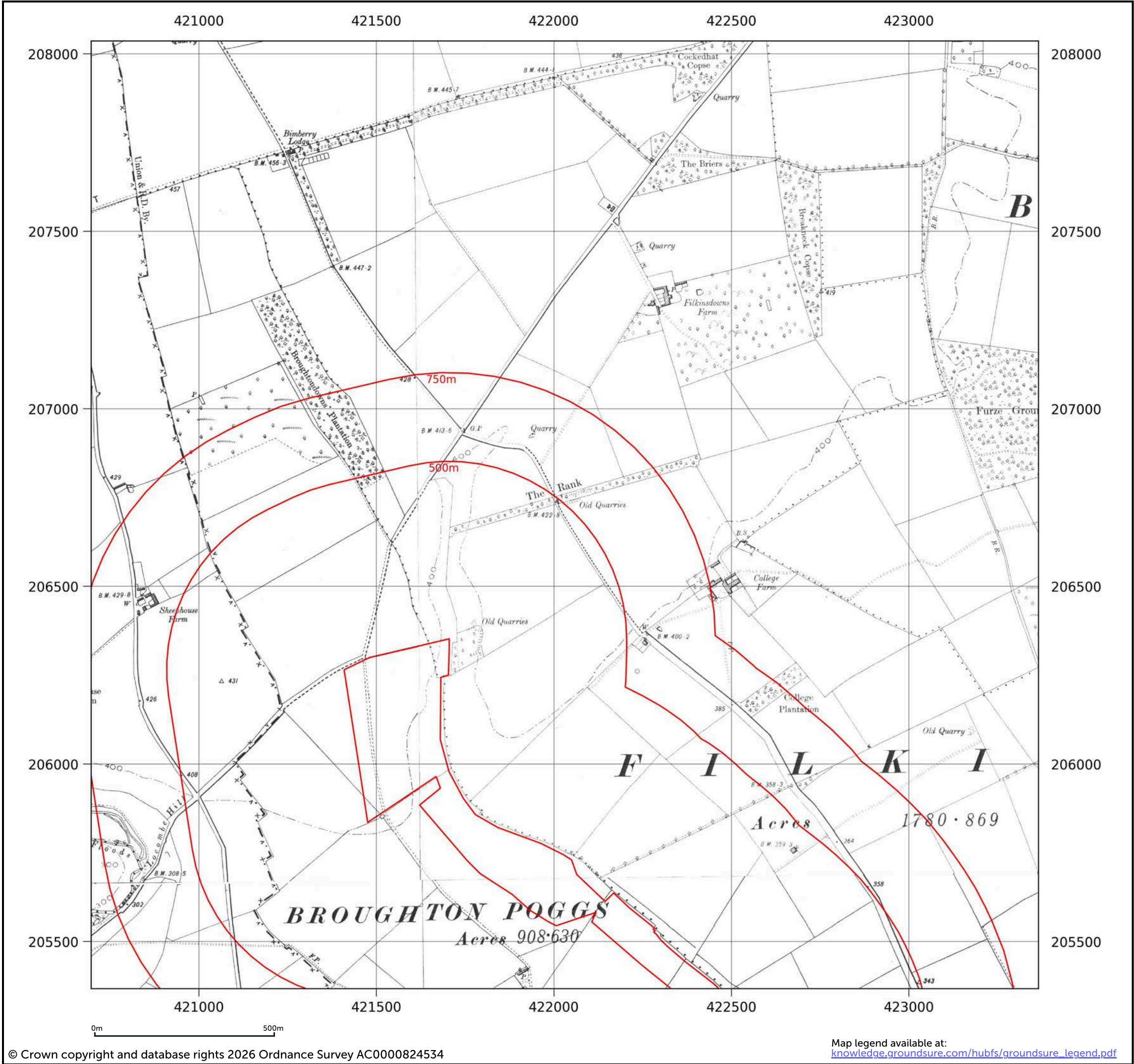
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Revised: 1900

Date: 1900
Surveyed: 1881
Revised: 1900

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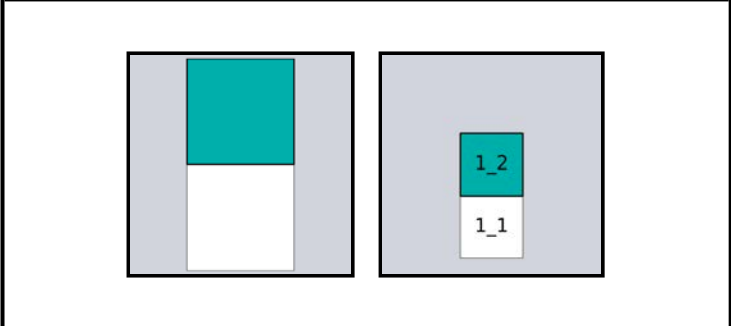
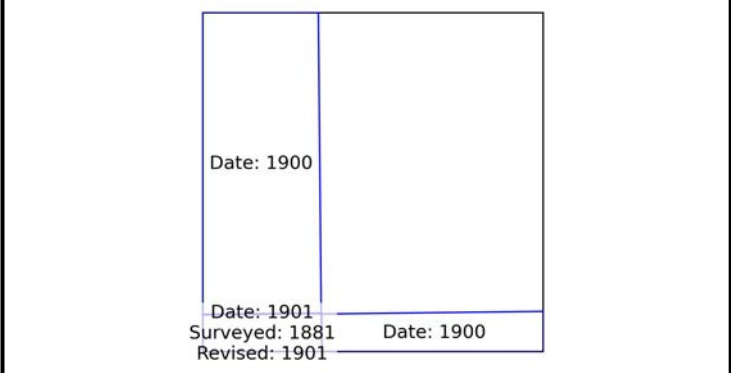
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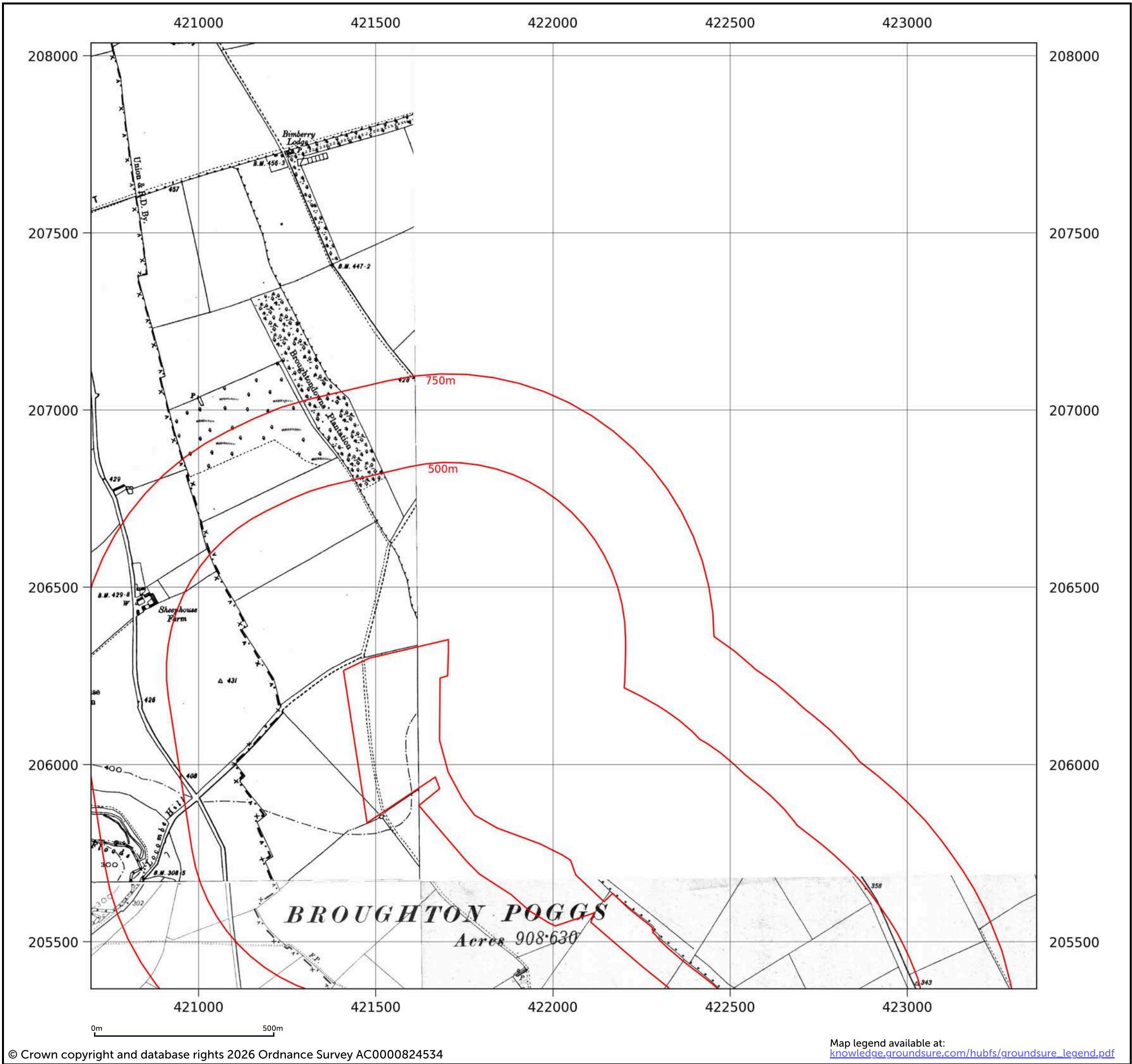


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
Map date:	1900-1901
Scale:	1:10,560
Printed at:	1:10,560



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
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Scale:	1:10,560
Printed at:	1:10,560

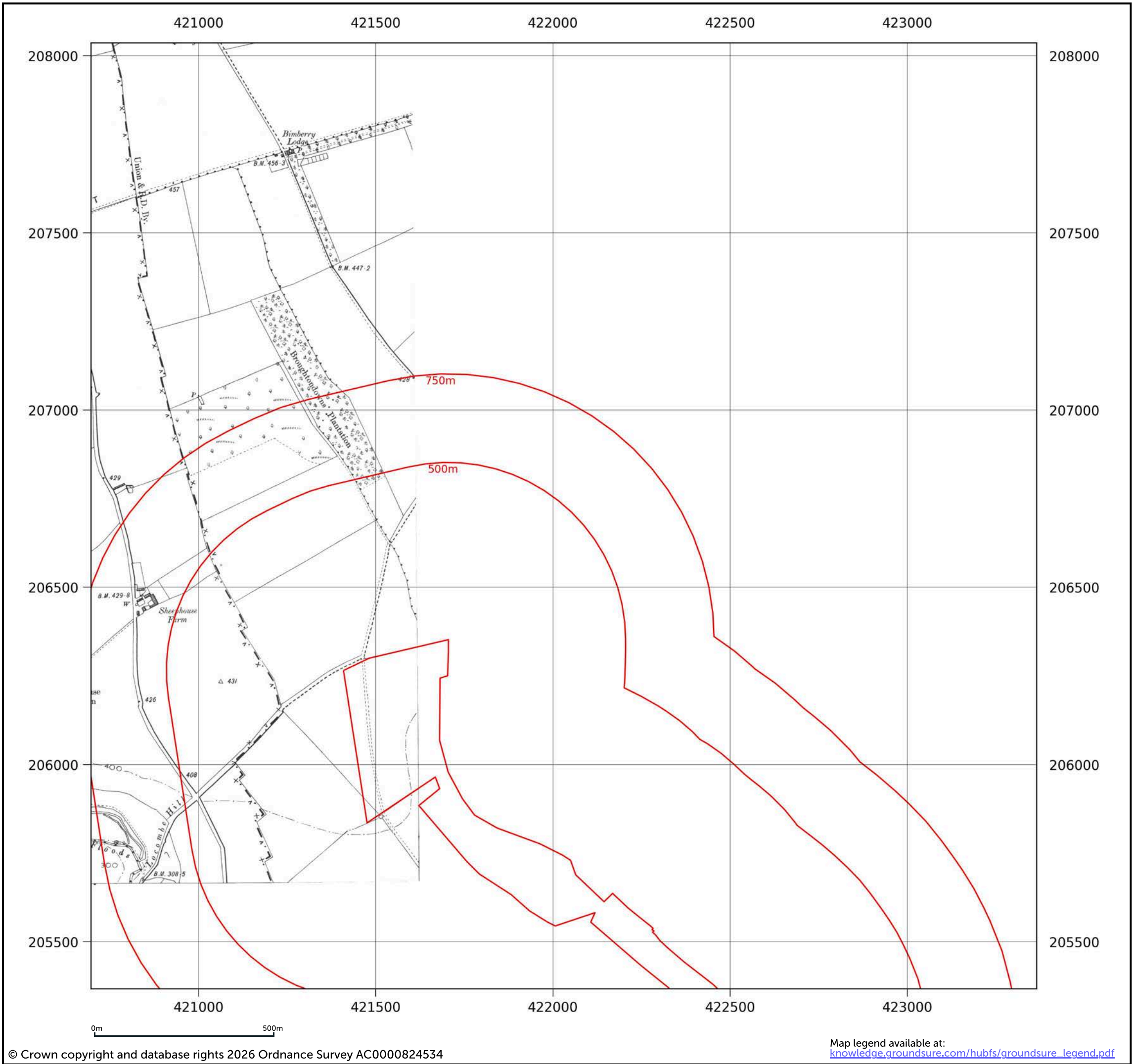


Date: 1903
Surveyed: 1881
Revised: 1903

1_2

1_1

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

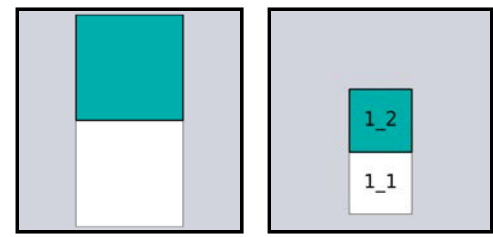
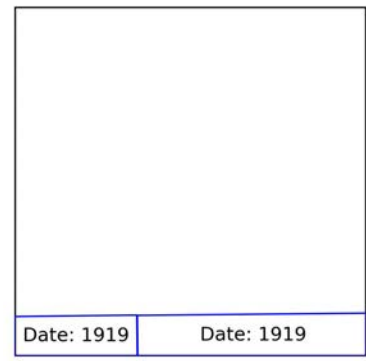
1919

Scale:

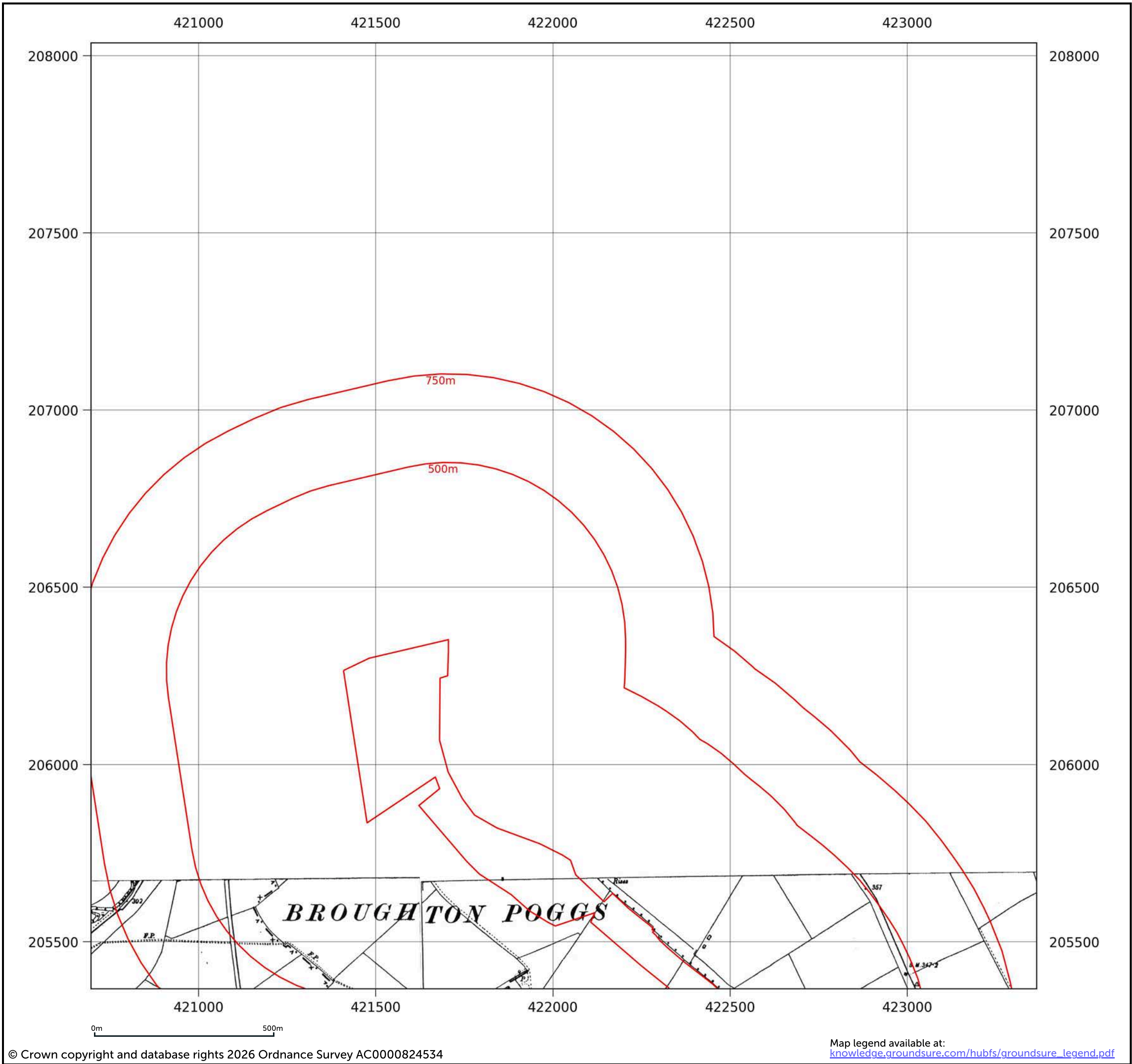
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Printed at:

1:10,560



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1923

Scale:

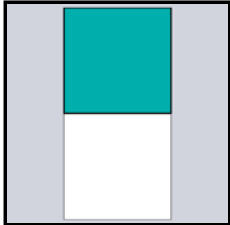
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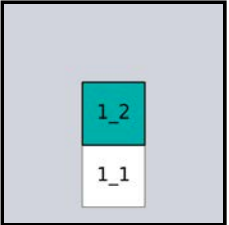
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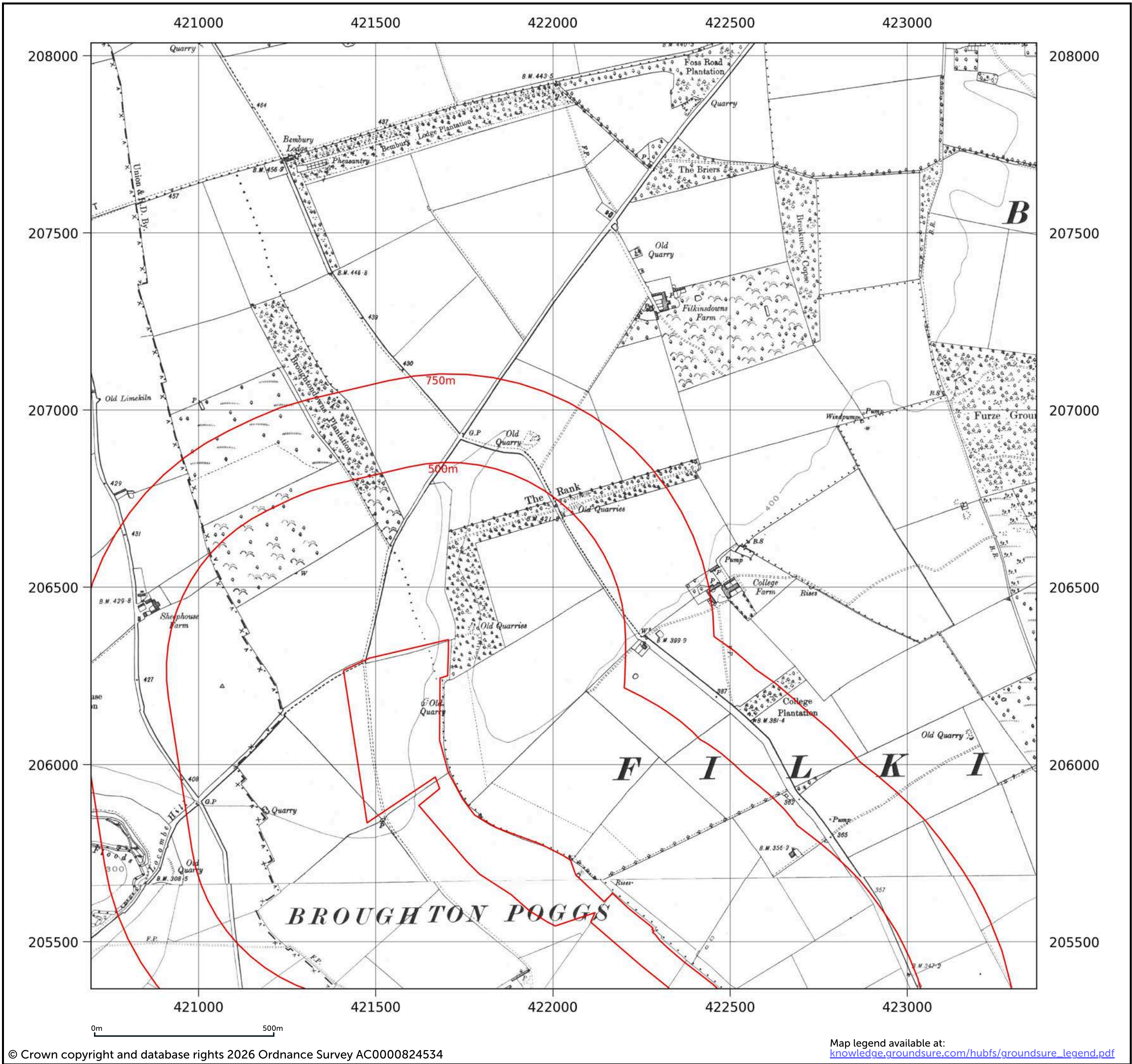
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Surveyed: 1881
Revised: 1923

Date: 1923
Surveyed: 1881
Revised: 1923



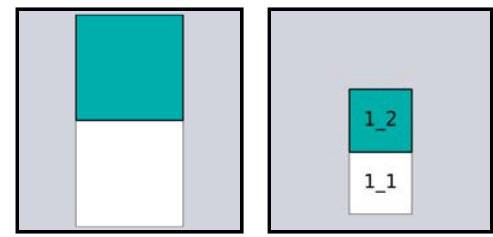
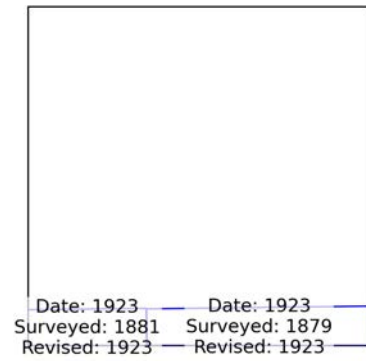


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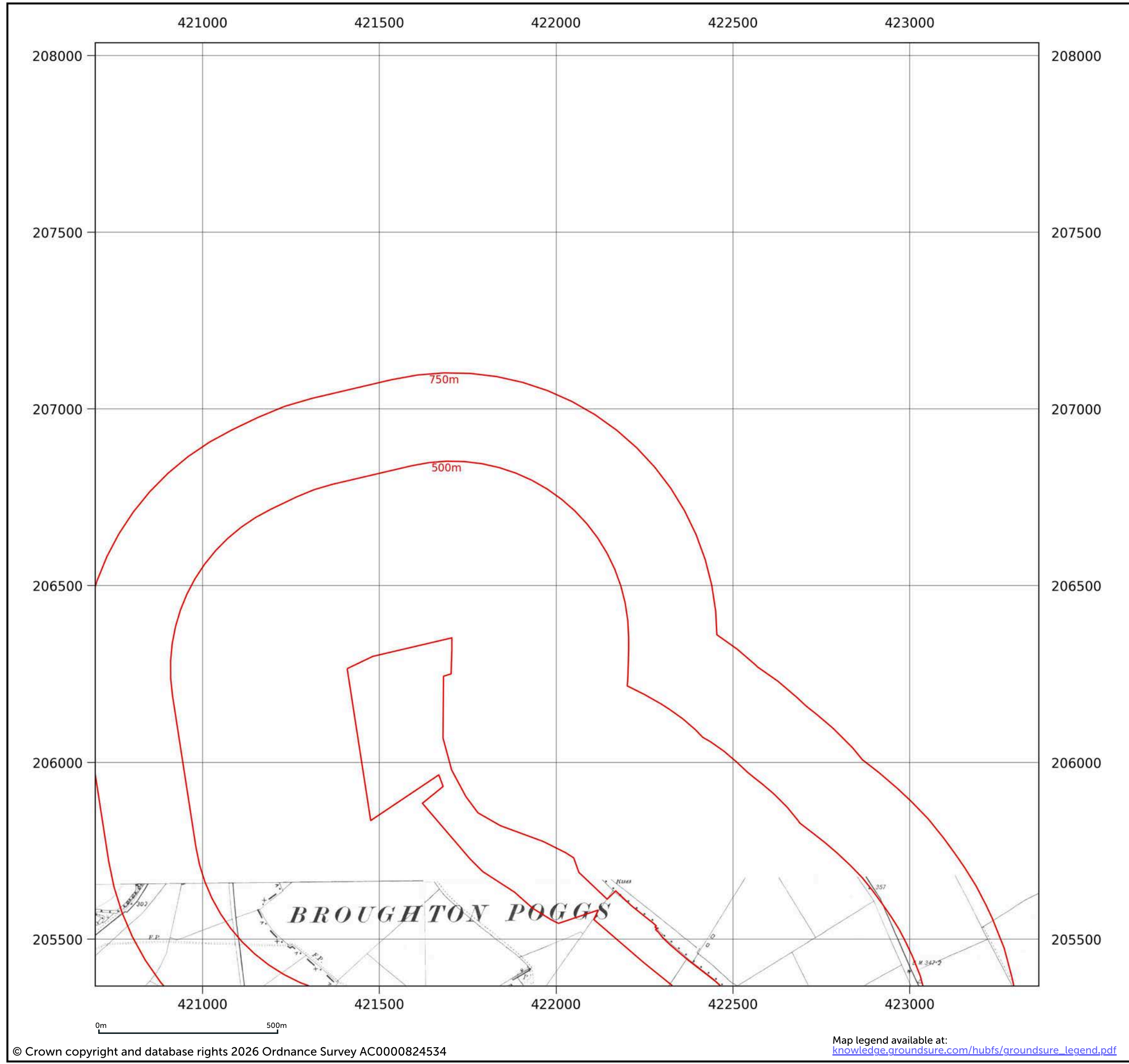


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
Map date:	1923
Scale:	1:10,560
Printed at:	1:10,560



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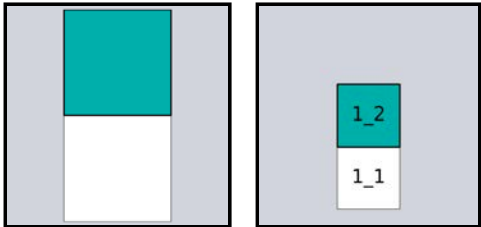


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

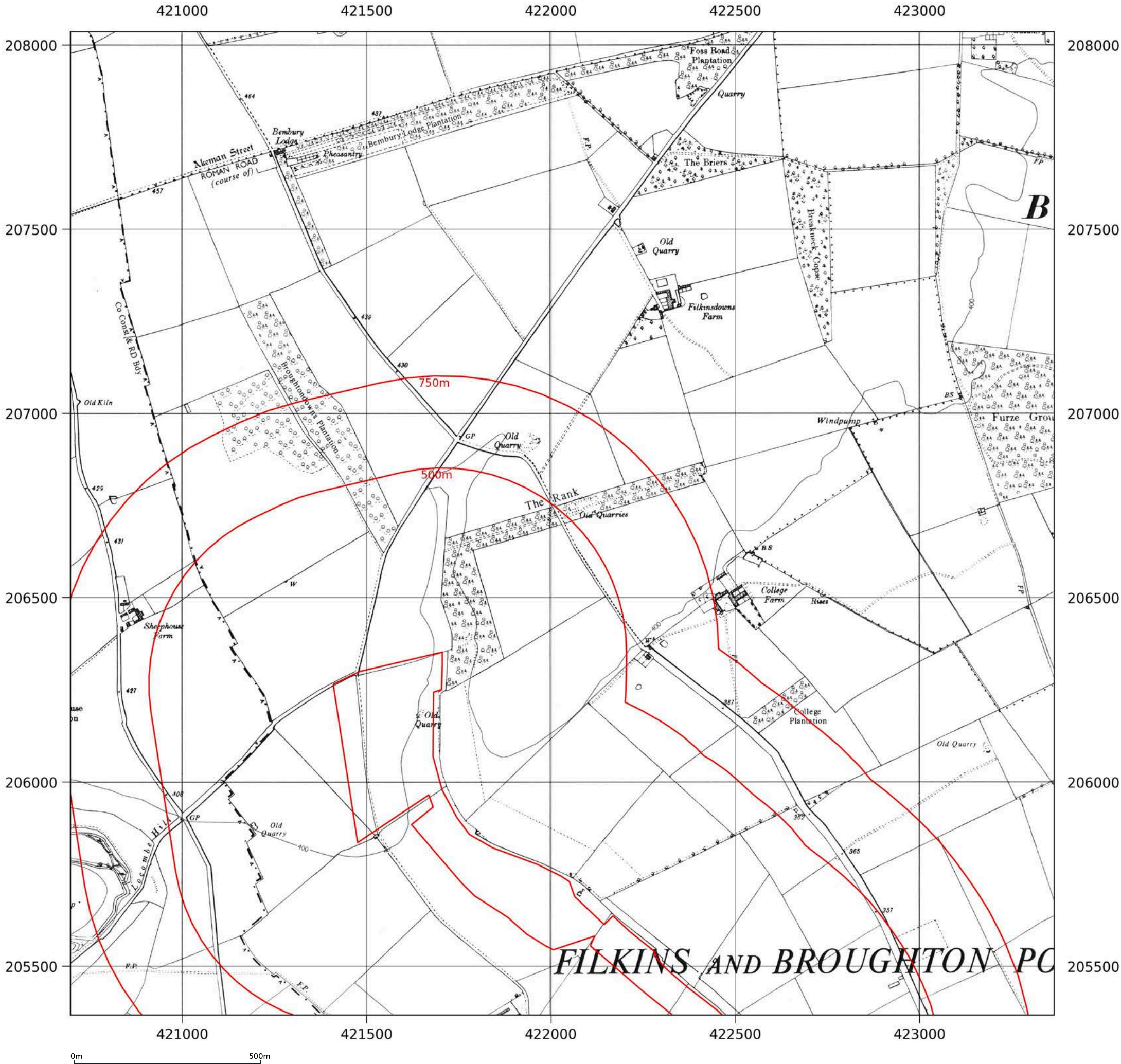
Map name: Provisional
Map date: 1956
Scale: 1:10,560
Printed at: 1:10,560



Date: 1956
Surveyed: 1956
Revised: 1956



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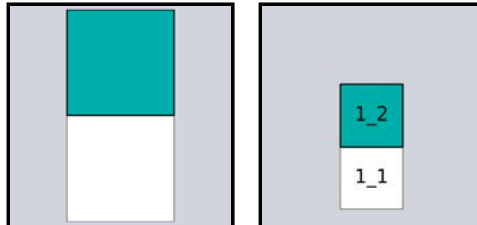


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

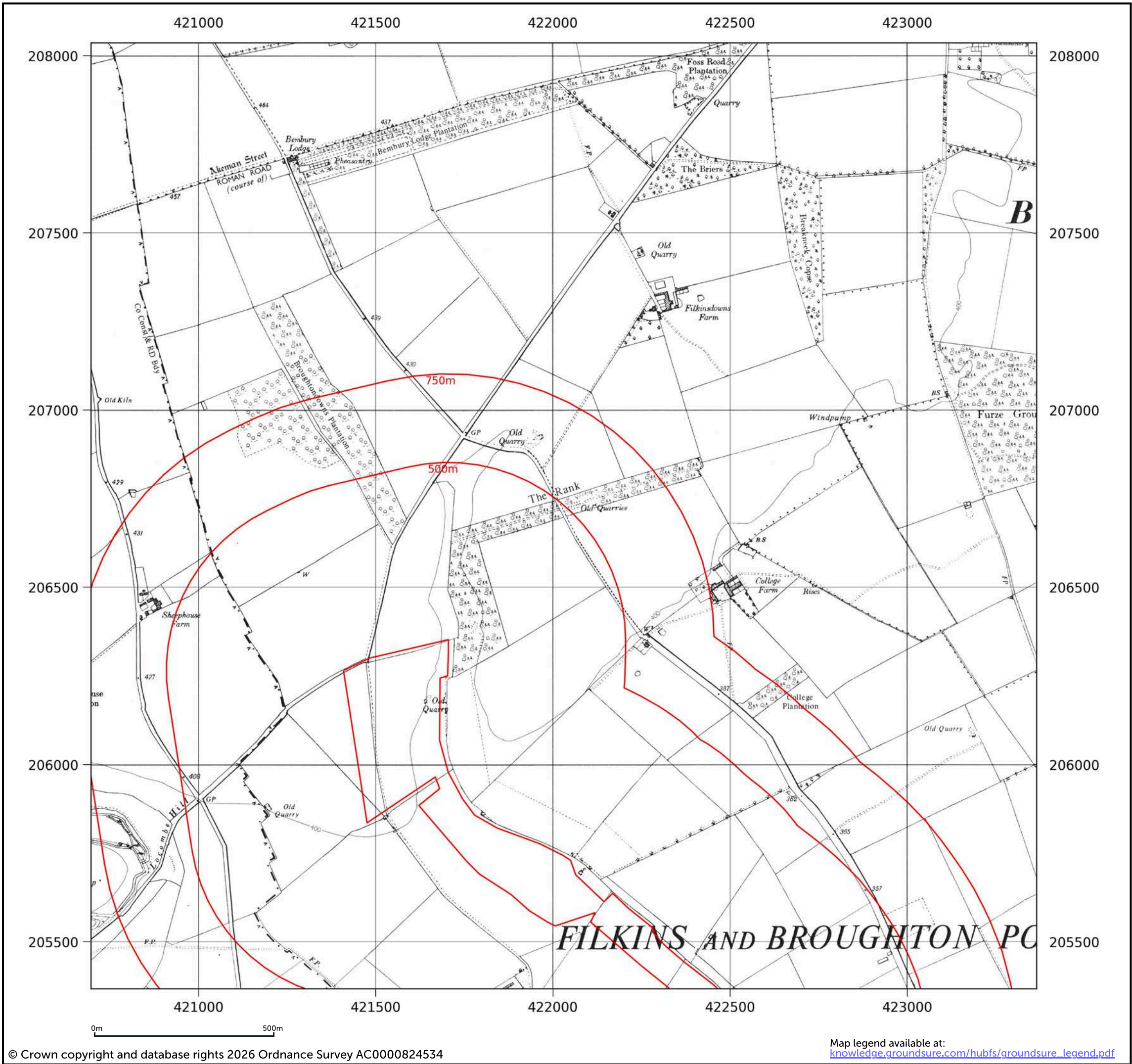
Map name: Provisional
Map date: 1956
Scale: 1:10,560
Printed at: 1:10,560



Date: 1956
Surveyed: 1956
Revised: 1956



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Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

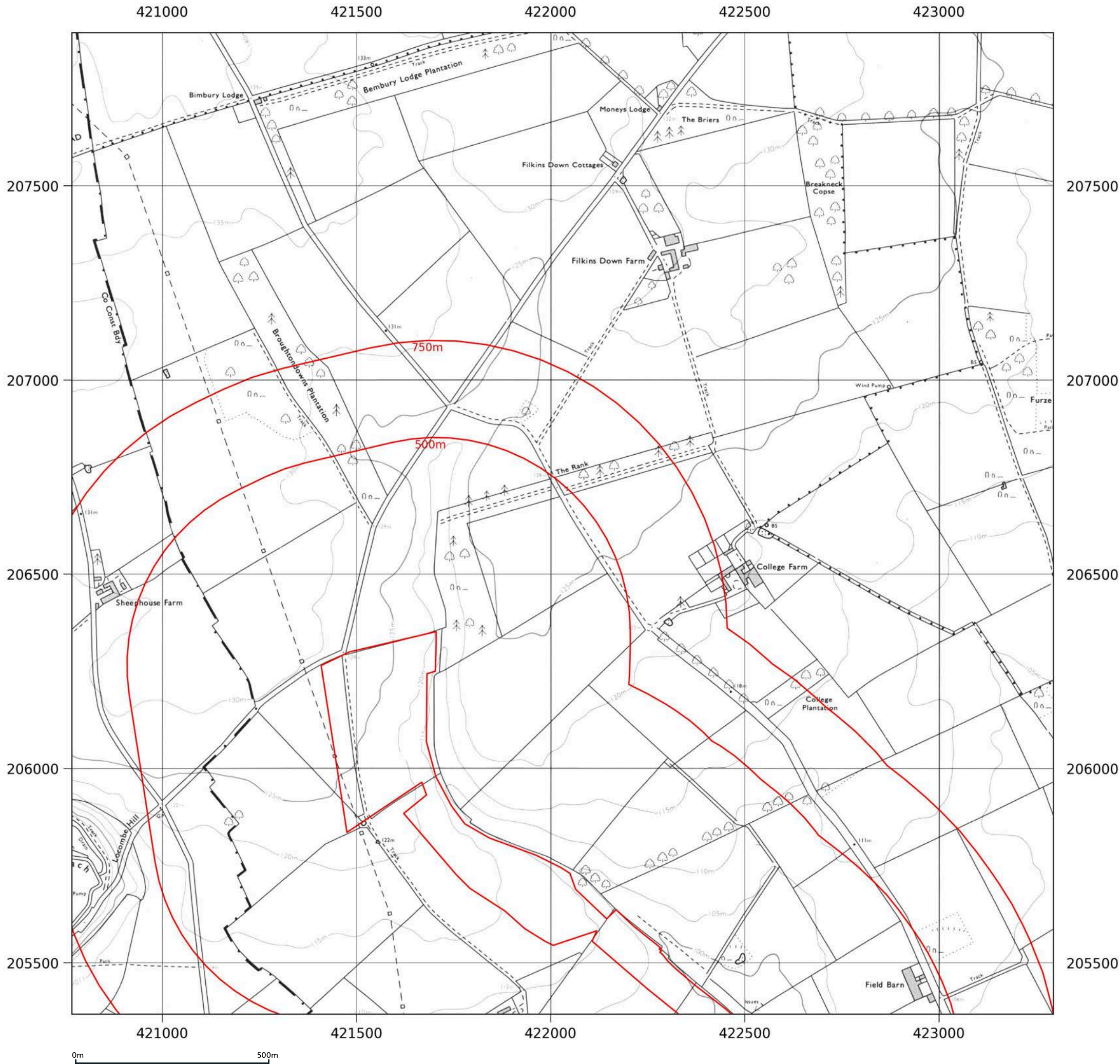
Map name: National Grid
Map date: 1976
Scale: 1:10,000
Printed at: 1:10,000



Date: 1976
Surveyed: 1971
Revised: 1975
Copyright: 1976
Levelled: 1974



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

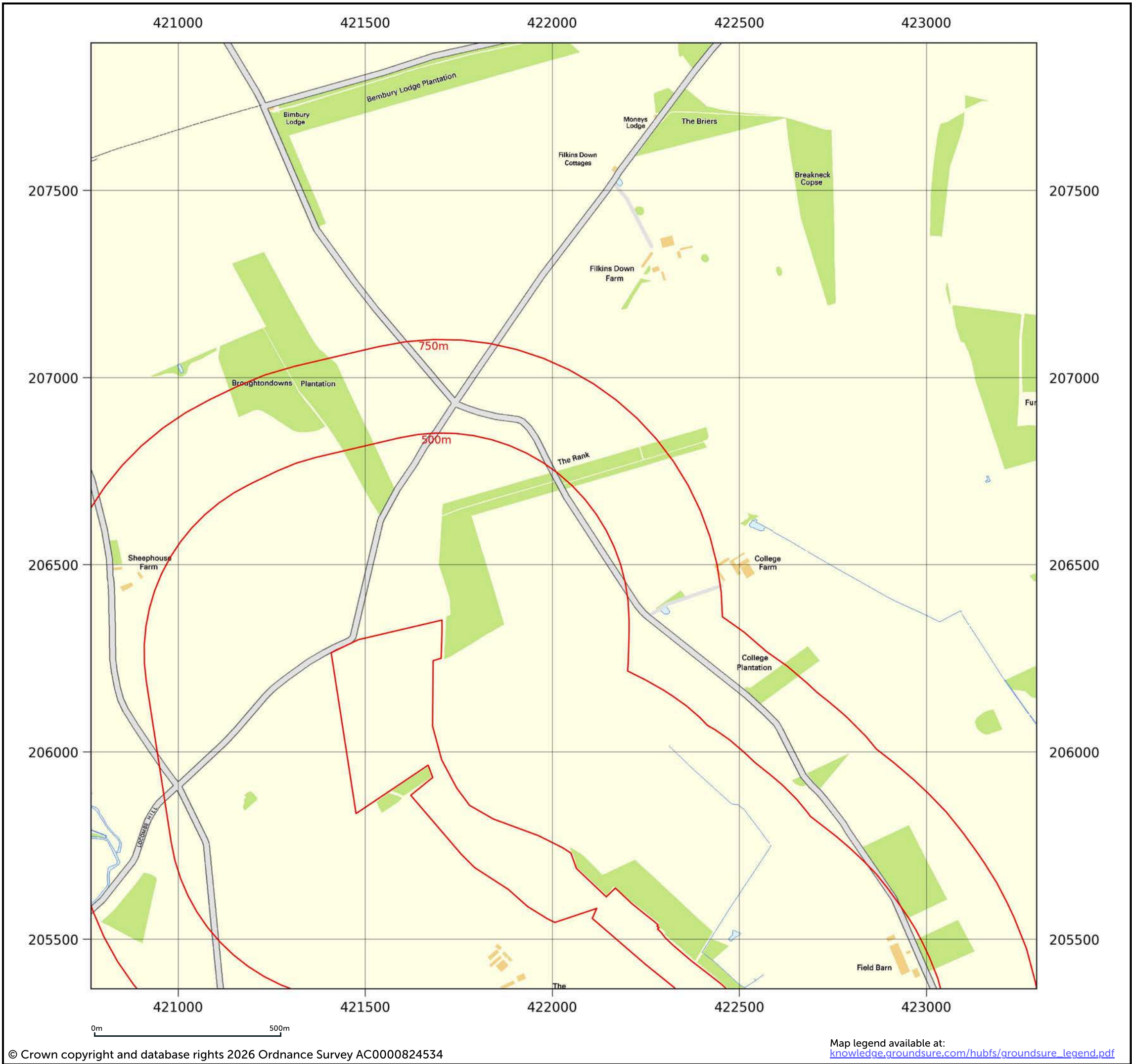
Map name:	National Grid
Map date:	2001
Scale:	1:10,000
Printed at:	1:10,000



Date: 2001

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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire energy park NW Site

P25099

GS-AAK-BU7-1CS-3W2

422037.83, 205332.48

13 May 2026

Map name:

Map date:

Scale:

Printed at:

National Grid

2010

1:10,000

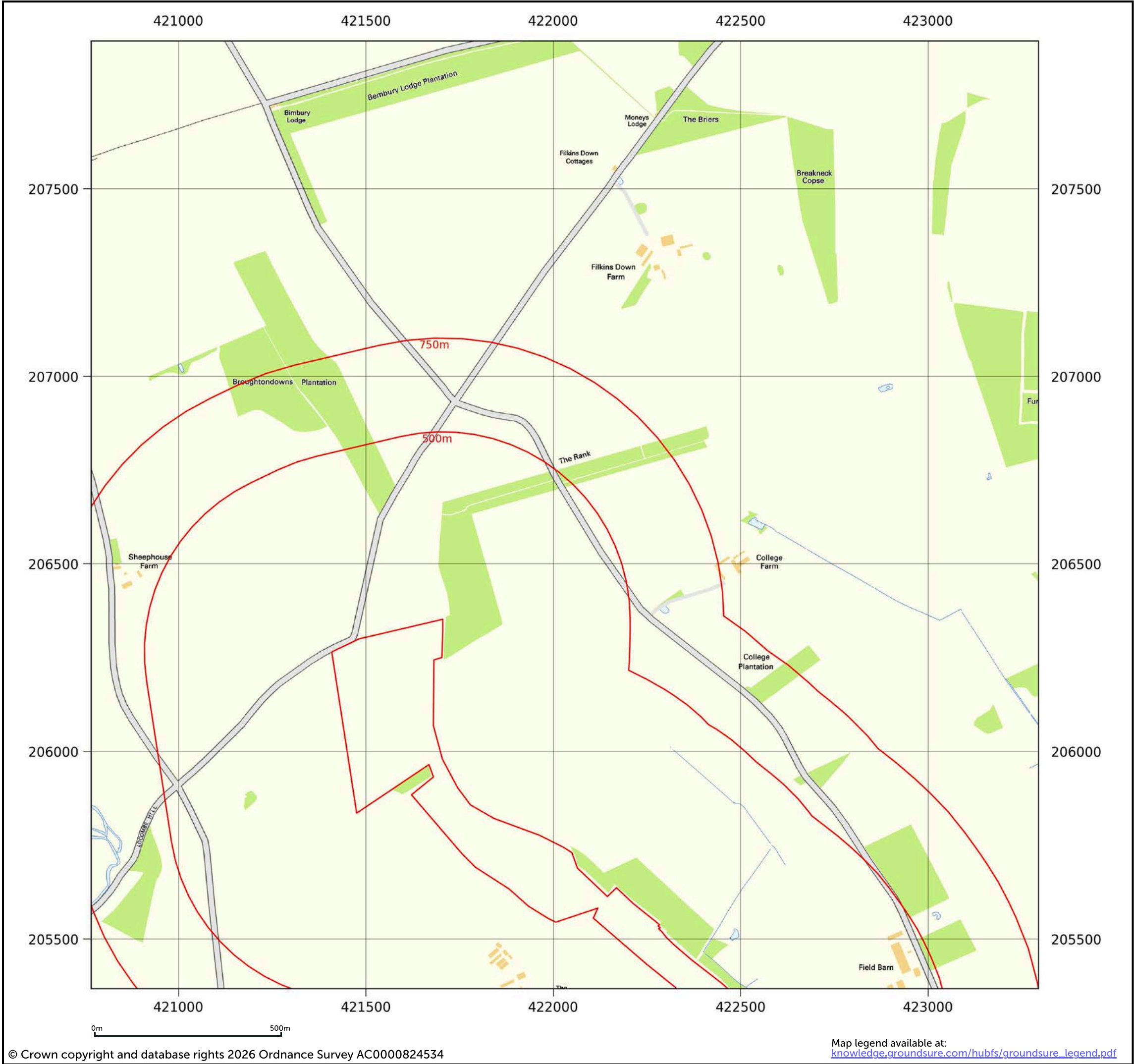
1:10,000

Date: 2010

1_2

1_1

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Map legend available at:
knowledge.groundsure.com/hubfs/groundsure_legend.pdf

Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

2015

Scale:

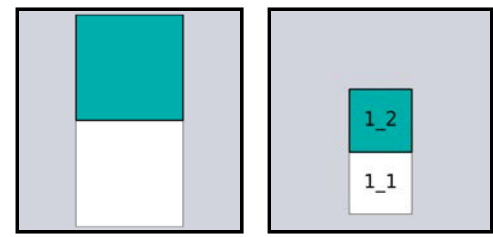
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Printed at:

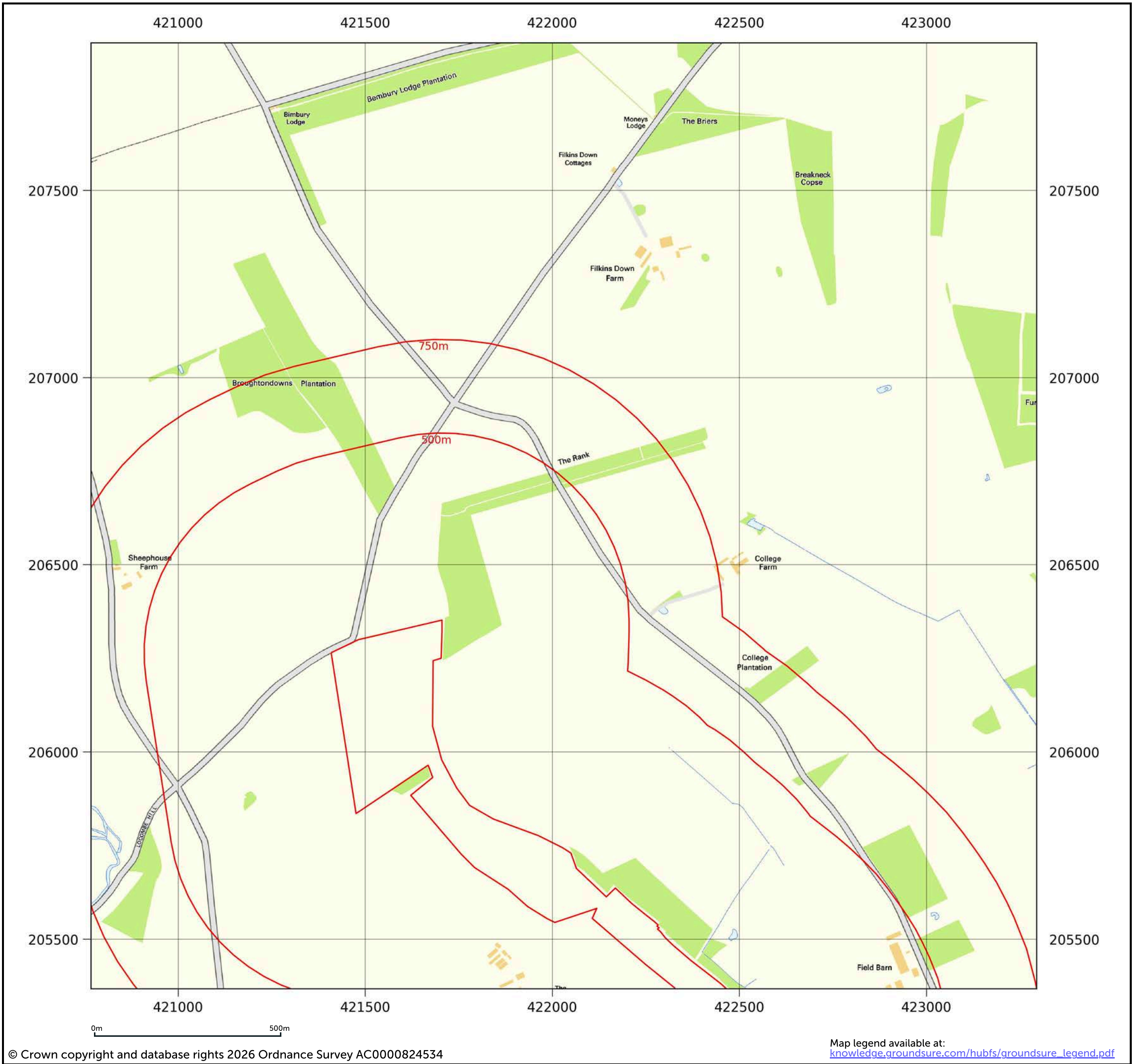
1:10,000



Date: 2015



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	National Grid
Map date:	2025
Scale:	1:10,000
Printed at:	1:10,000



Date: 2025

1_2

1_1

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1881-1882

Scale:

1:2,500

Printed at:

1:2,500

Date: 1882
Surveyed: 1882
Revised: 1882

Date: 1881
Surveyed: 1881
Revised: 1881

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Map legend available at:
knowledge.groundsure.com/hubfs/groundsure_legend.pdf

Groundsure

LOCATION INTELLIGENCE

Ordnance Survey

Licensed Data

Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500

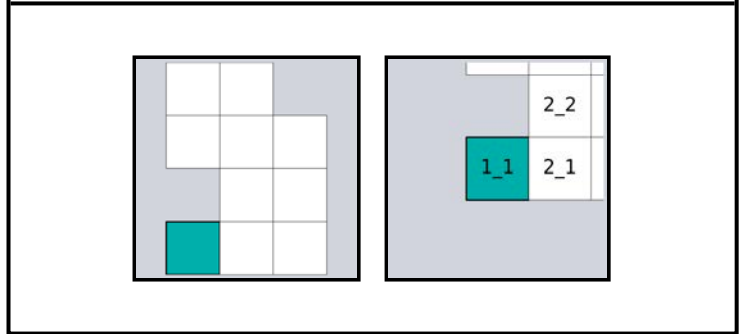
N

W

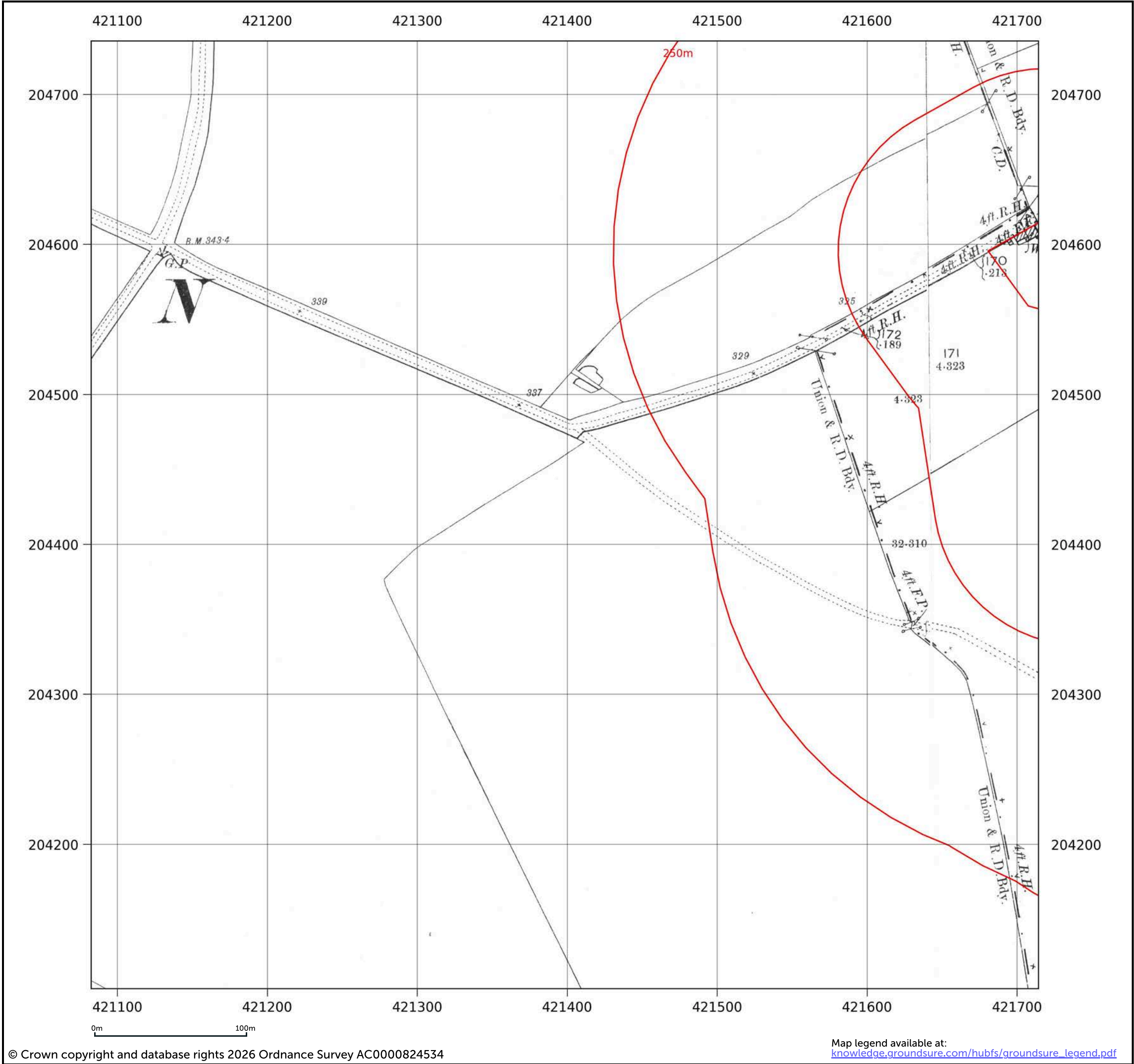
E

S

Date: 1899 Surveyed: 1899 Revised: 1899	Date: 1899 Surveyed: 1899 Revised: 1899
---	---



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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire energy park NW Site

P25099

GS-AAK-BU7-1CS-3W2

422037.83, 205332.48

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

1899

1:2,500

1:2,500

Date: 1899

Surveyed: 1899

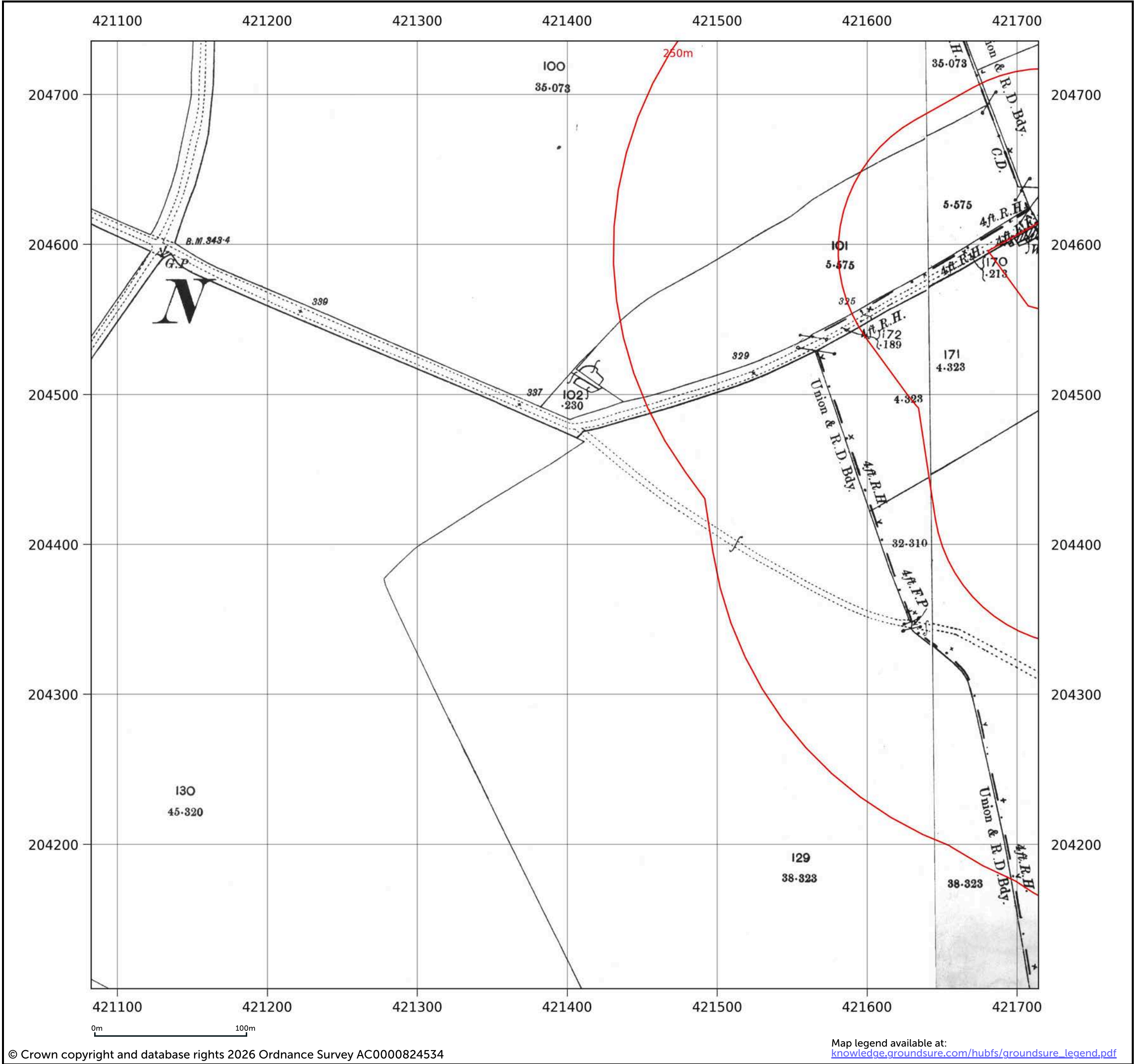
Revised: 1899

Date: 1899

Surveyed: 1899

Revised: 1899

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1921

Scale:

1:2,500

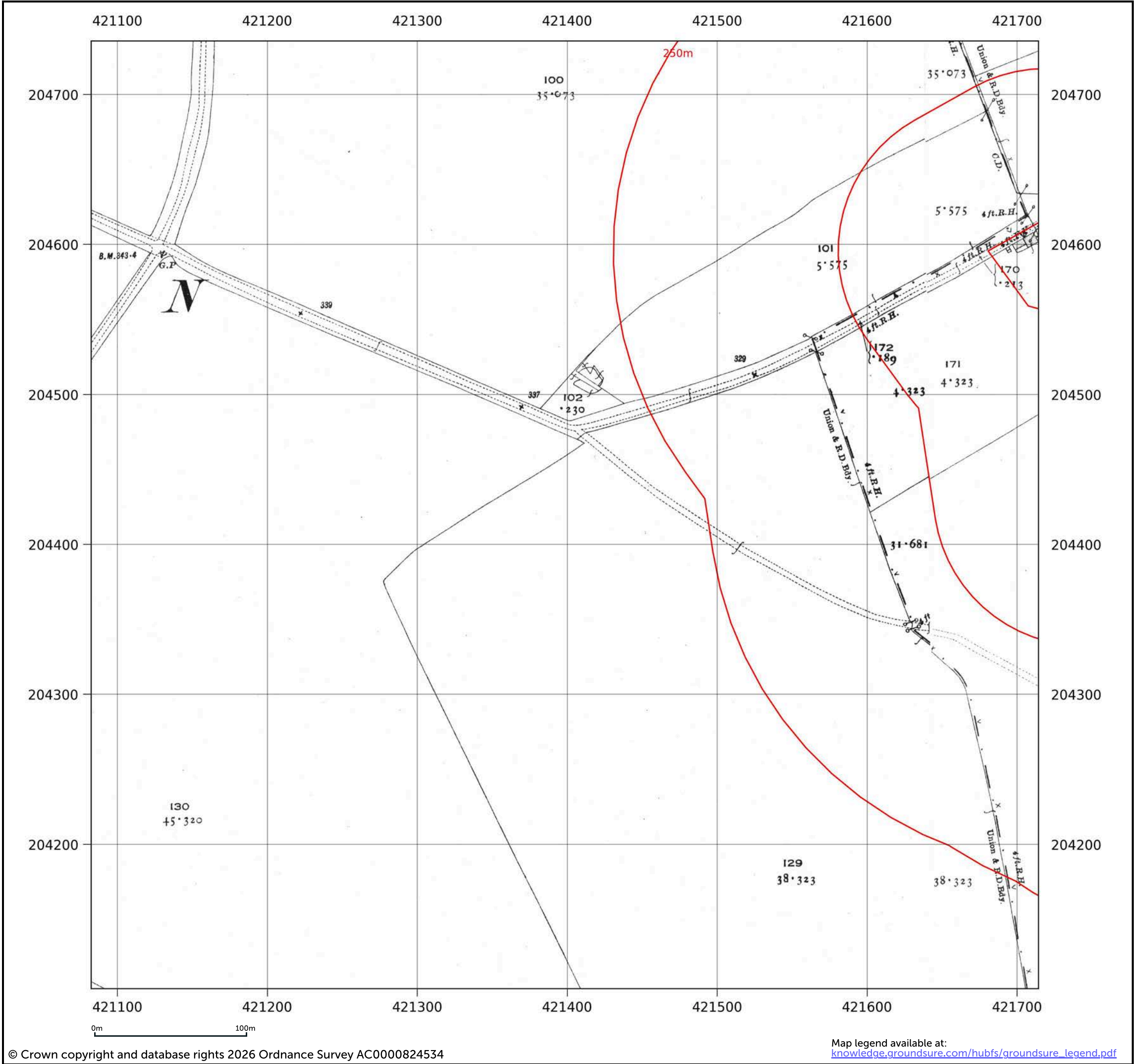
Printed at:

1:2,500

Date: 1921
Surveyed: 1921
Revised: 1921

Date: 1921
Surveyed: 1921
Revised: 1921

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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire energy park NW Site

P25099

GS-AAK-BU7-1CS-3W2

422037.83, 205332.48

13 May 2026

Map name:

Map date:

Scale:

Printed at:

National Grid

1971

1:2,500

1:2,500

Date: 1971

Surveyed: 1970

Revised: 1970

Copyright: 1971

Levelled: 1953

1_1

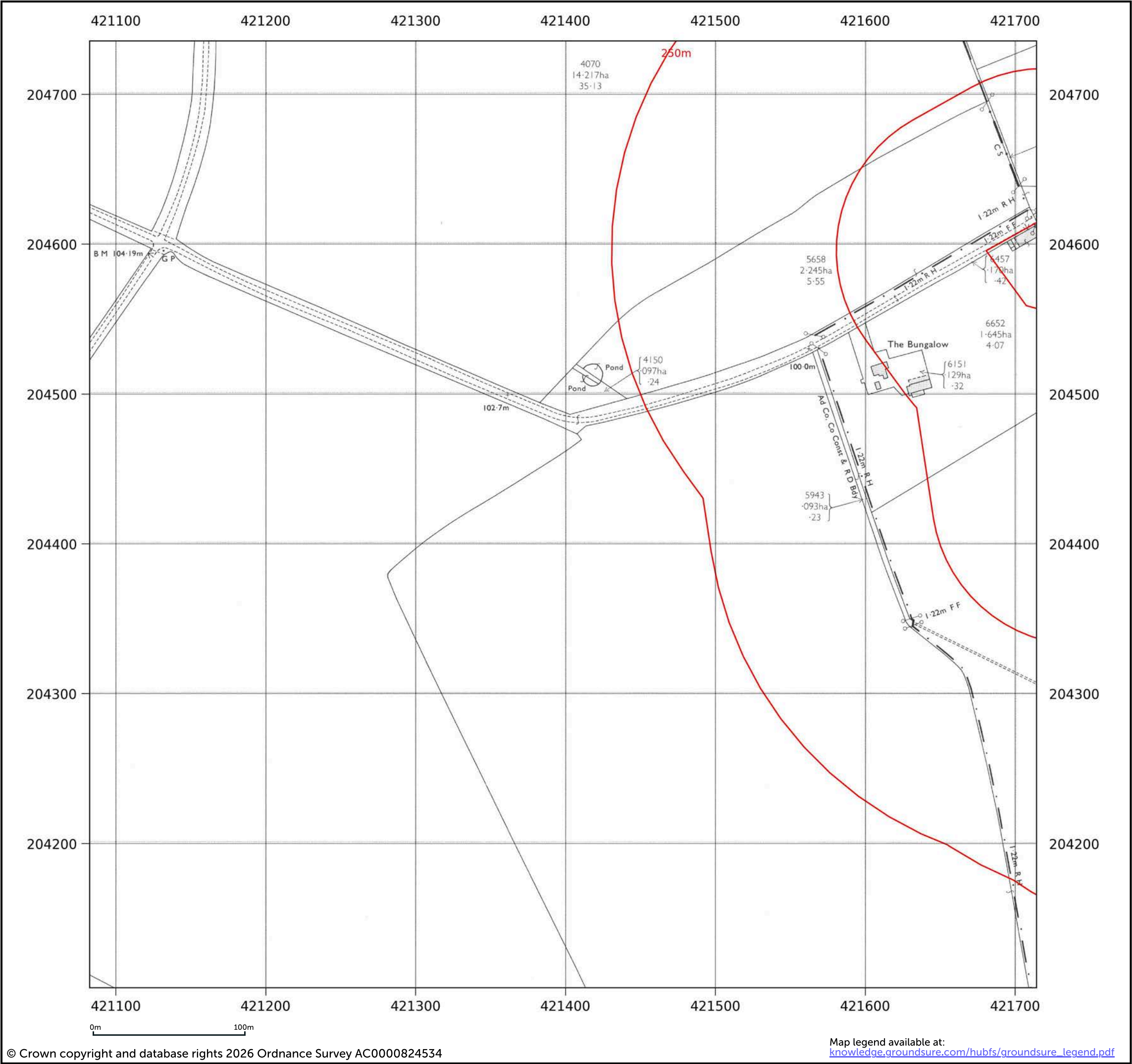
2_1

2_2

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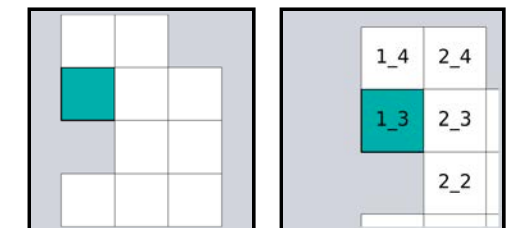


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

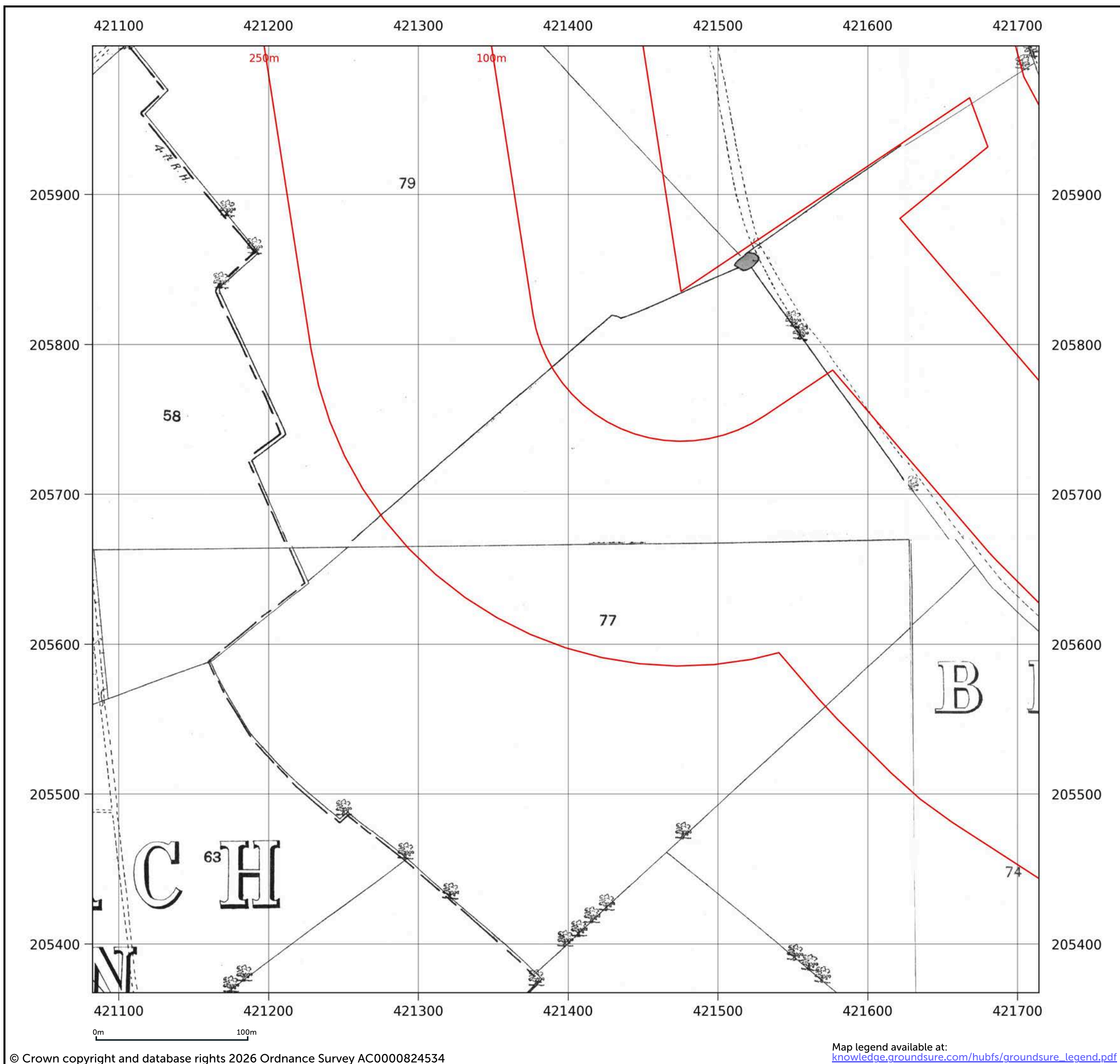
Map name: County Series
Map date: 1881-1882
Scale: 1:2,500
Printed at: 1:2,500



Date: 1882 Surveyed: 1882 Revised: 1882	Date: 1881 Surveyed: 1881 Revised: 1881
Date: 1882 Surveyed: 1882 Revised: 1882	Date: 1881 Surveyed: 1881 Revised: 1881



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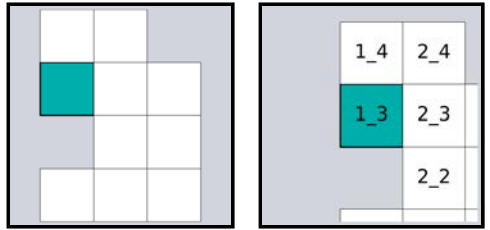


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

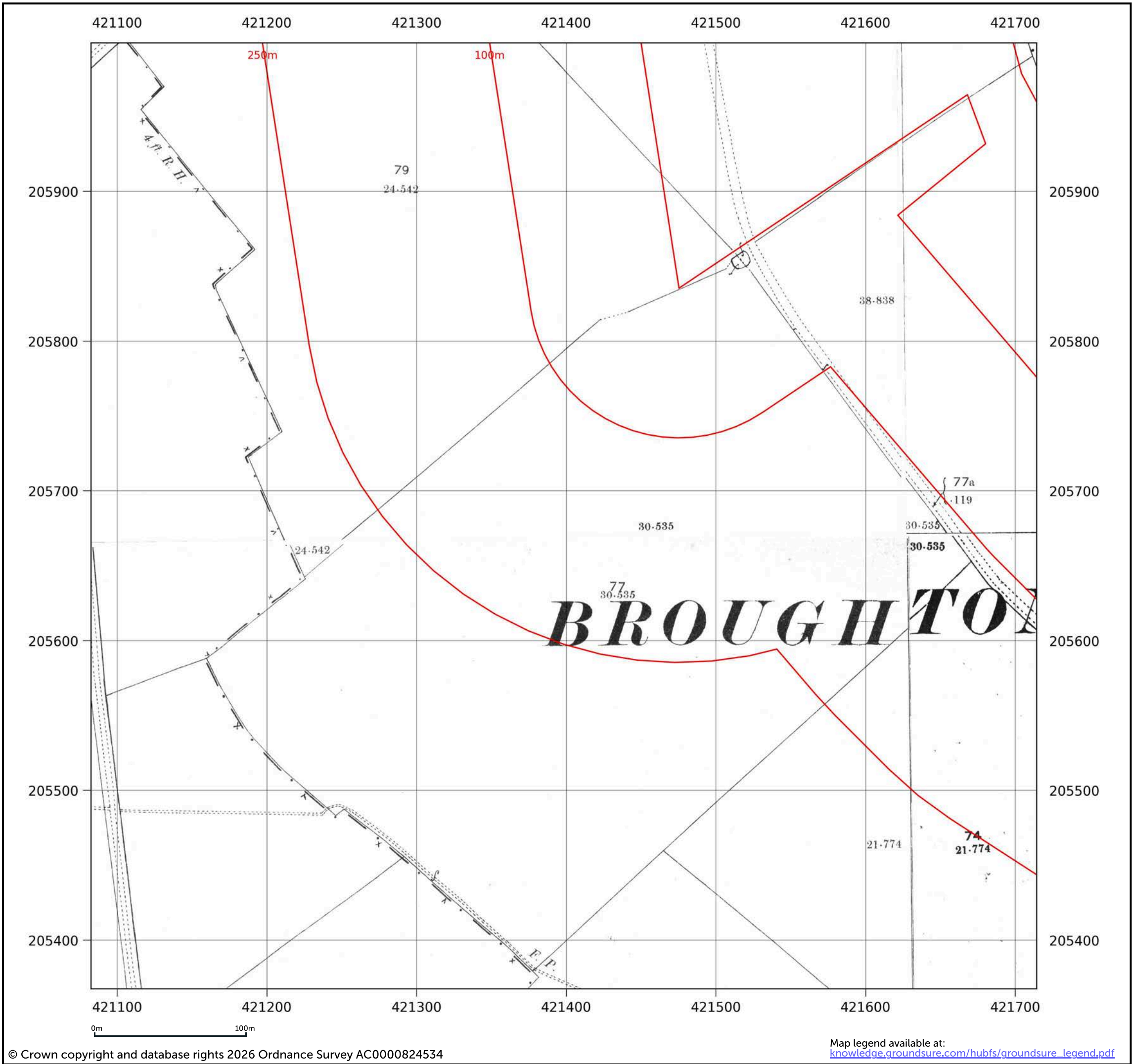
Map name: County Series
Map date: 1899
Scale: 1:2,500
Printed at: 1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899	Date: 1899 Surveyed: 1899 Revised: 1899
Date: 1899 Surveyed: 1899 Revised: 1899	Date: 1899 Surveyed: 1899 Revised: 1899



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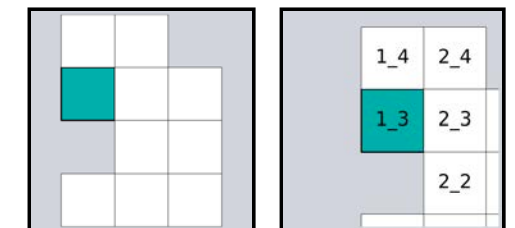


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

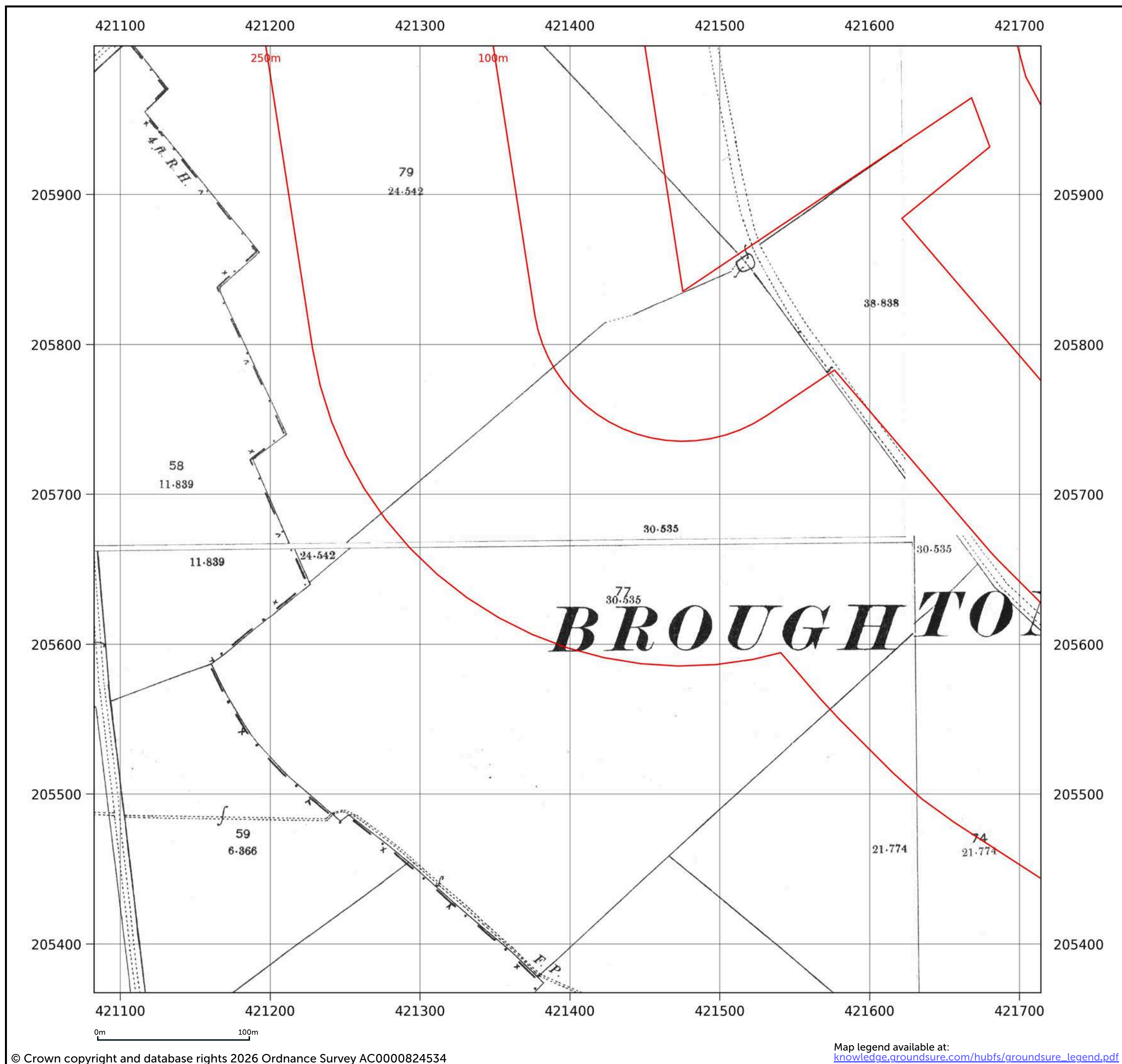
Map name: County Series
Map date: 1899
Scale: 1:2,500
Printed at: 1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899	
Date: 1899 Surveyed: 1899 Revised: 1899	Date: 1899 Surveyed: 1899 Revised: 1899



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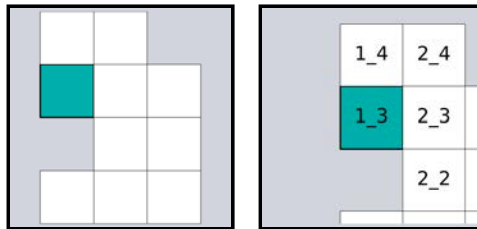


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

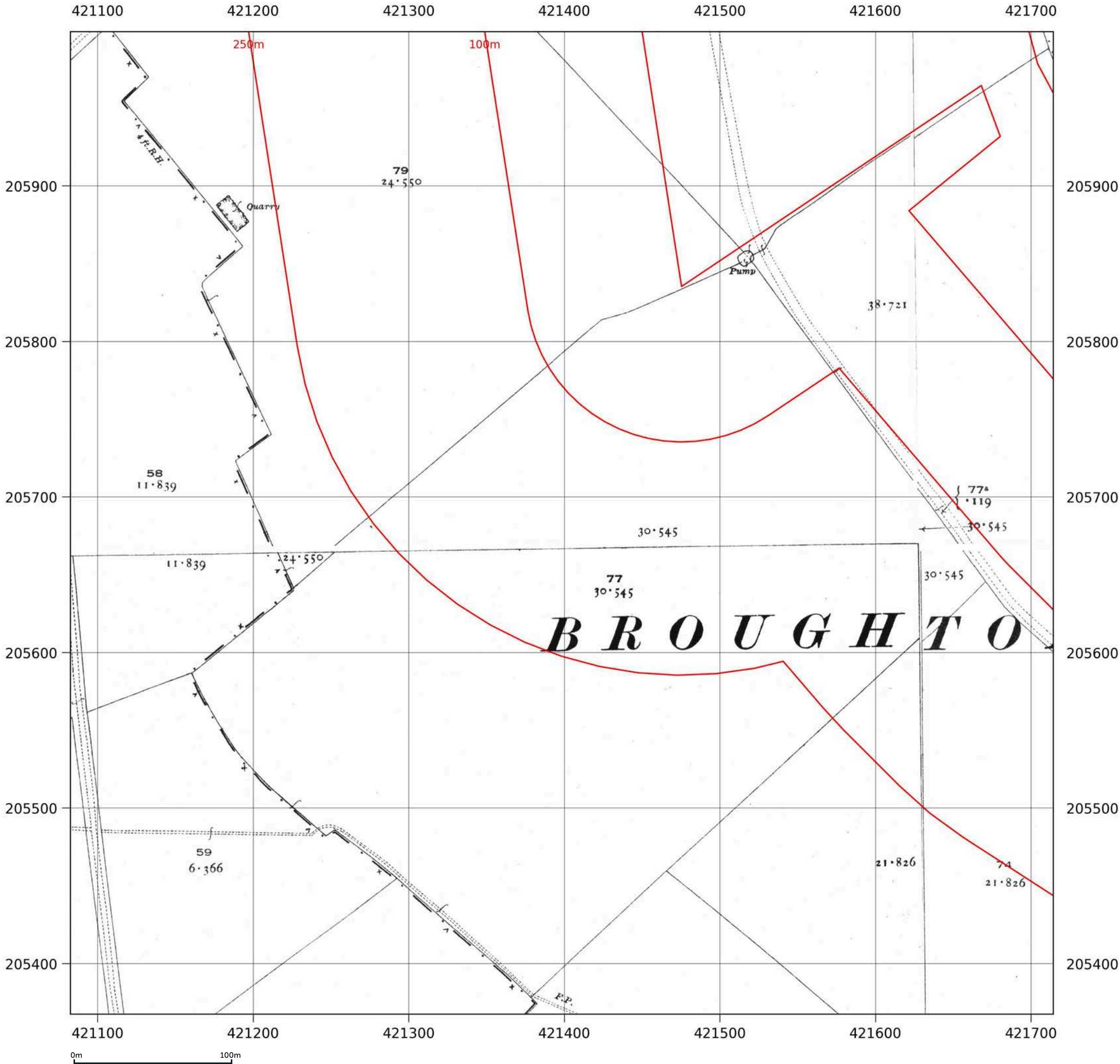
Map name: County Series
Map date: 1921
Scale: 1:2,500
Printed at: 1:2,500



Date: 1921 Surveyed: 1921 Revised: 1921	Date: 1921 Surveyed: 1921 Revised: 1921
Date: 1921 Surveyed: 1921 Revised: 1921	Date: 1921 Surveyed: 1921 Revised: 1921



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	National Grid
Map date:	1971
Scale:	1:2,500
Printed at:	1:2,500



Date: 1971

1_4

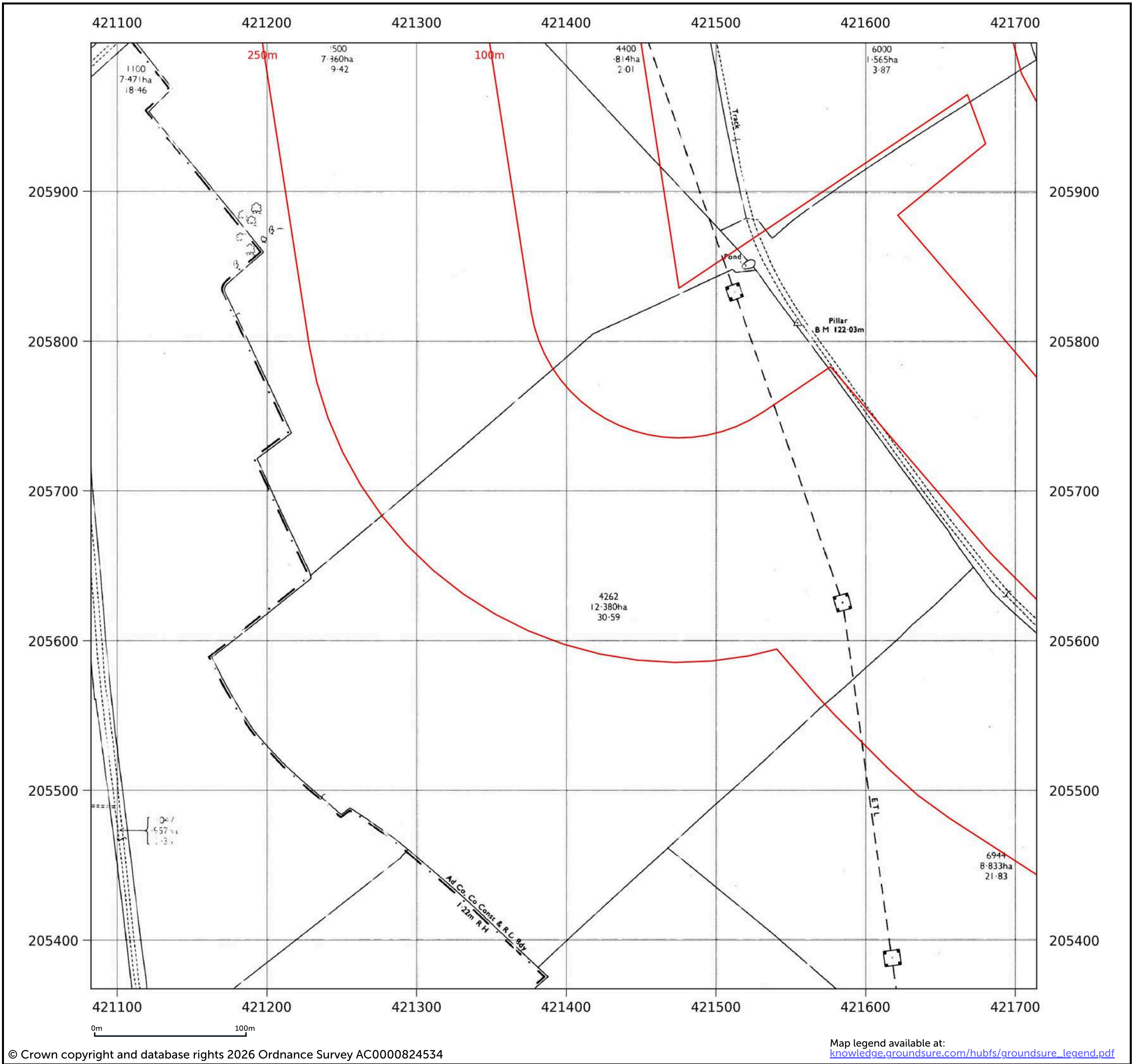
2_4

1_3

2_3

2_2

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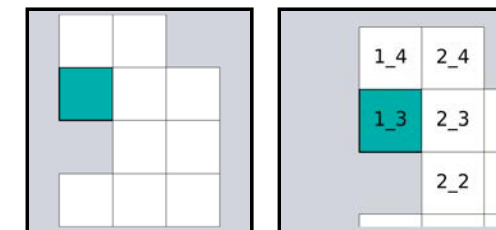


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

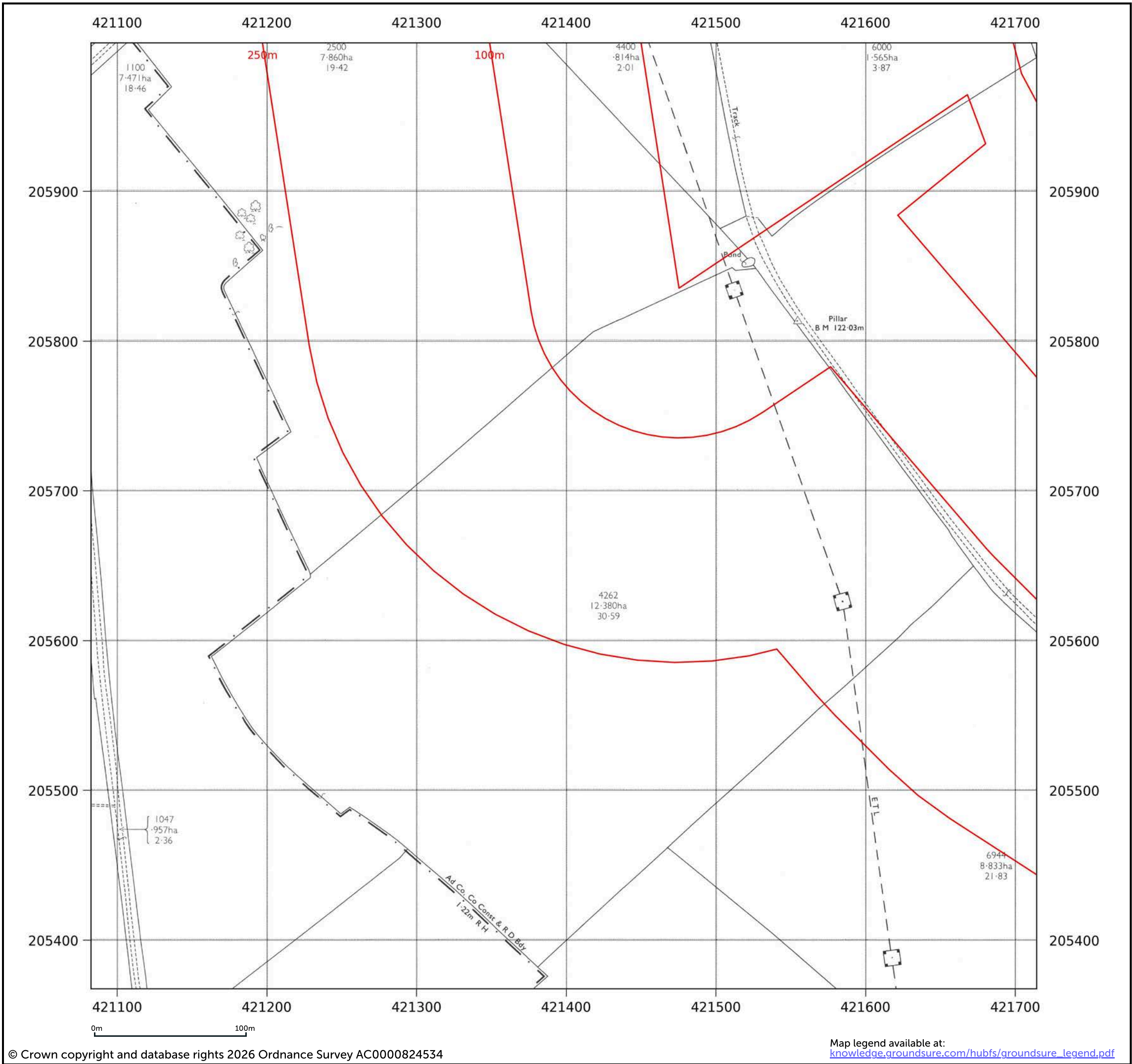
Map name: National Grid
Map date: 1971
Scale: 1:2,500
Printed at: 1:2,500



Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953



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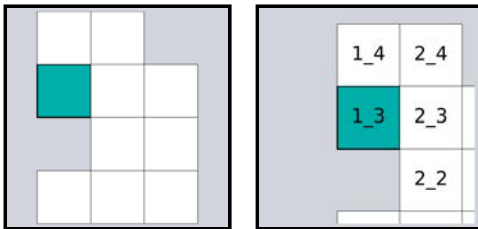


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

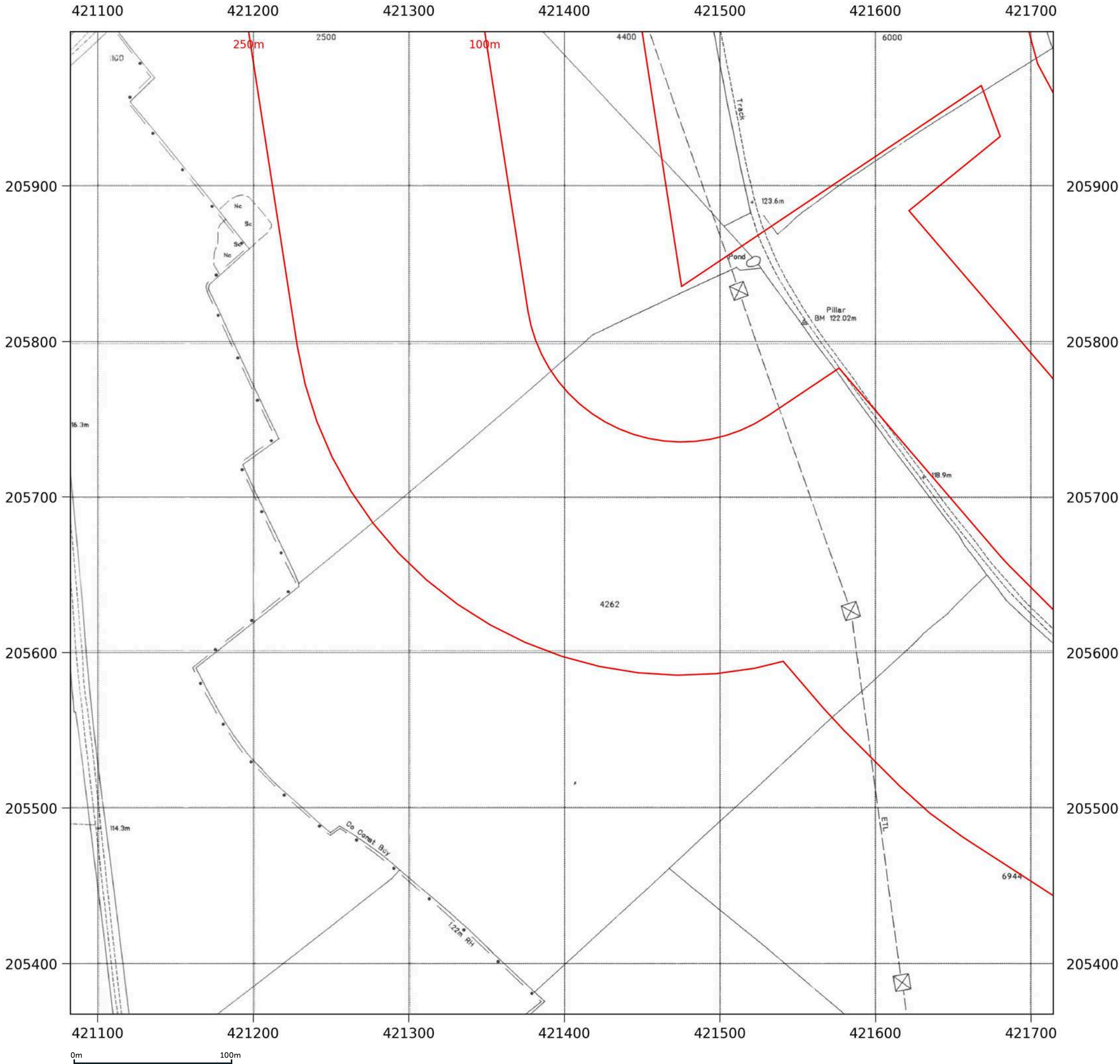
Map name: National Grid
Map date: 1994
Scale: 1:2,500
Printed at: 1:2,500



Date: 1994
Surveyed: 1994
Revised: 1994



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
Map date:	1881-1882
Scale:	1:2,500
Printed at:	1:2,500

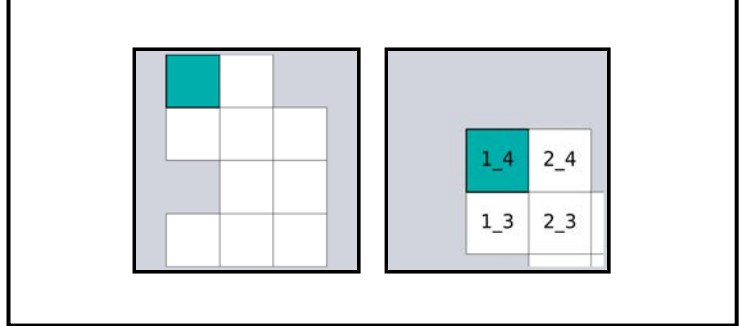
N

W

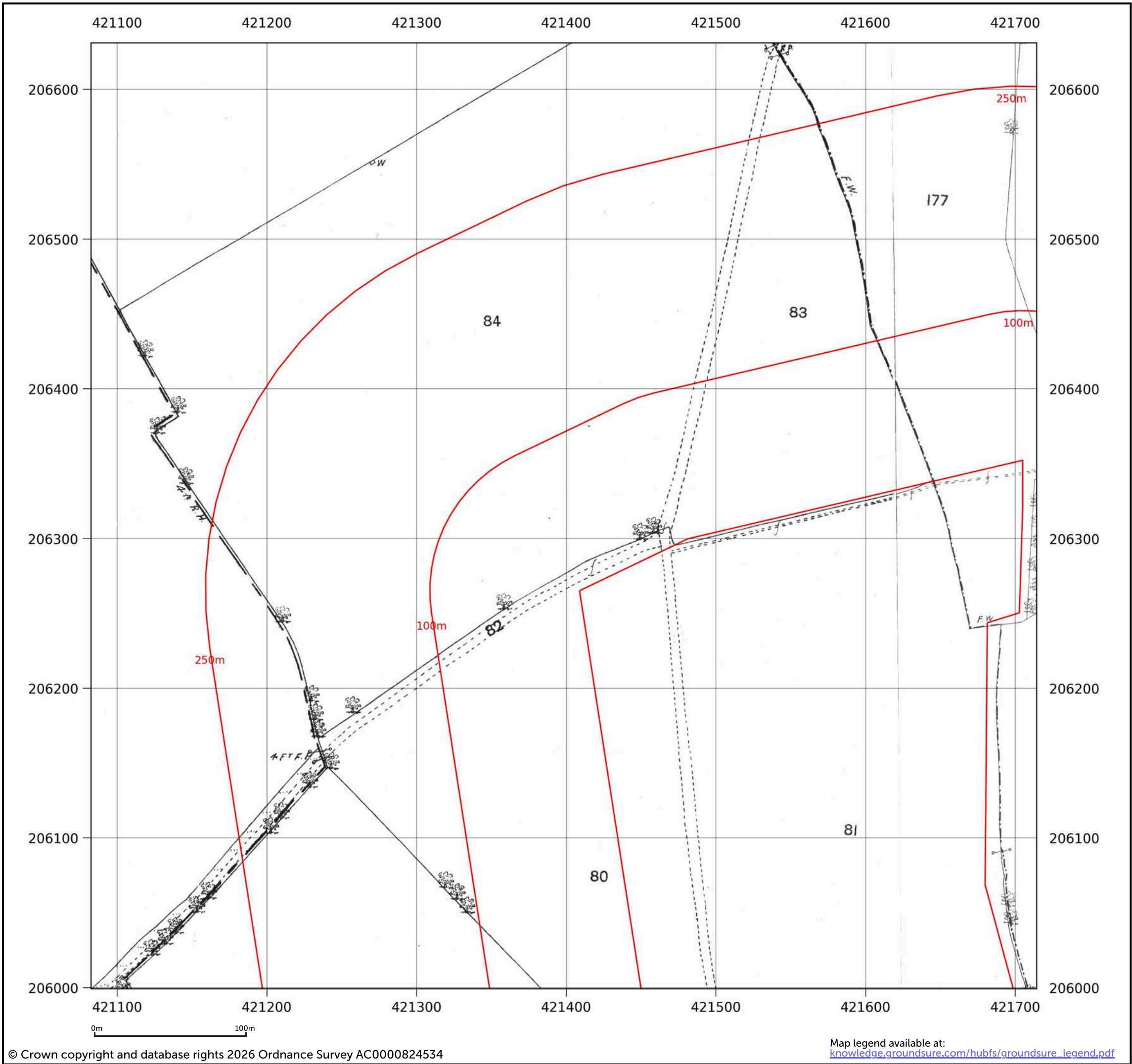
E

S

Date: 1882 Surveyed: 1882 Revised: 1882	Date: 1881 Surveyed: 1881 Revised: 1881
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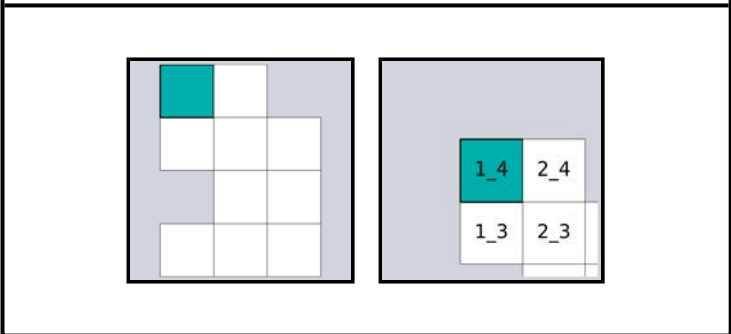


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

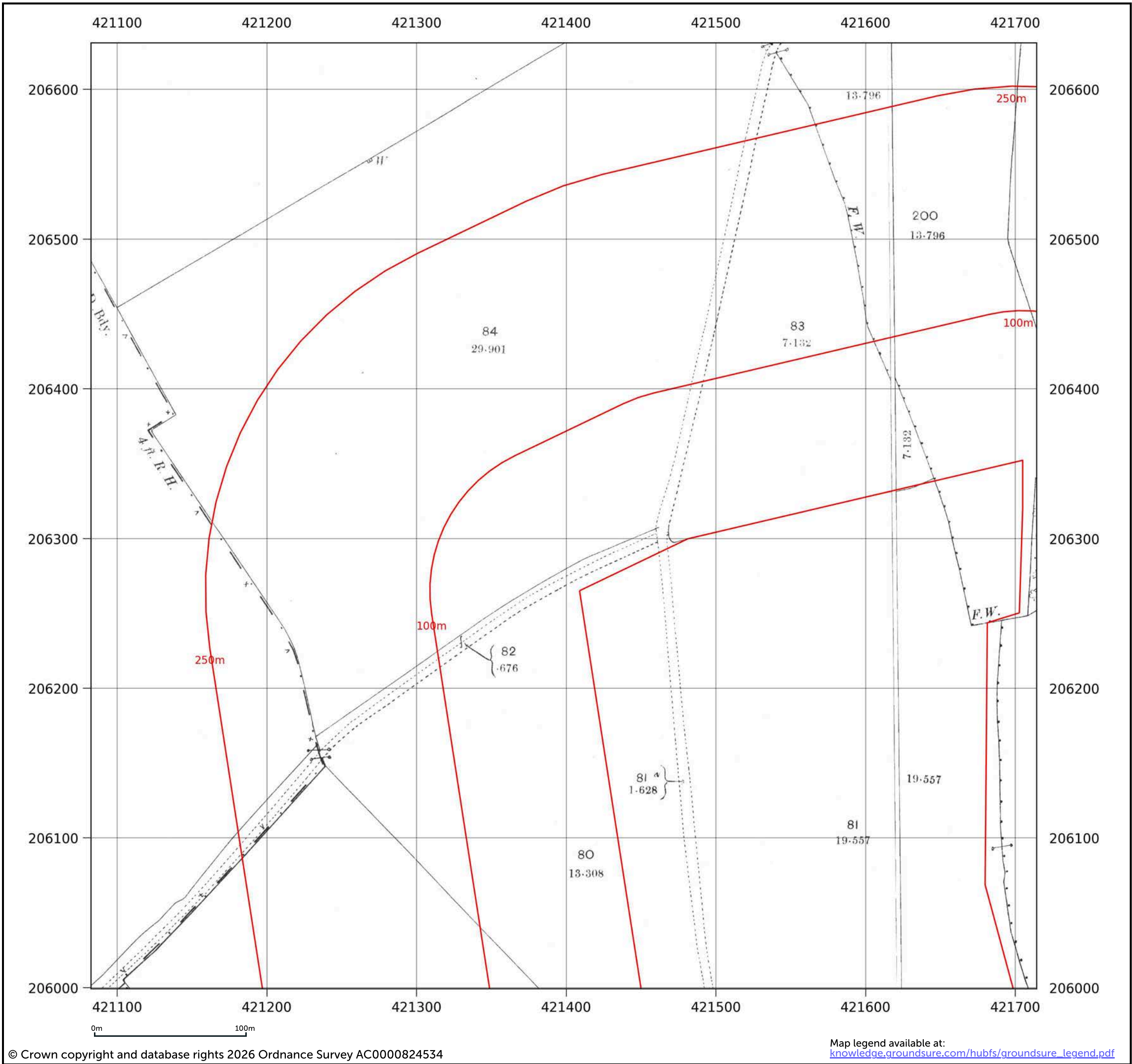
Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899	Date: 1899 Surveyed: 1899 Revised: 1899
---	---



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1899

Scale:

1:2,500

Printed at:

1:2,500

Date: 1899

Surveyed: 1899

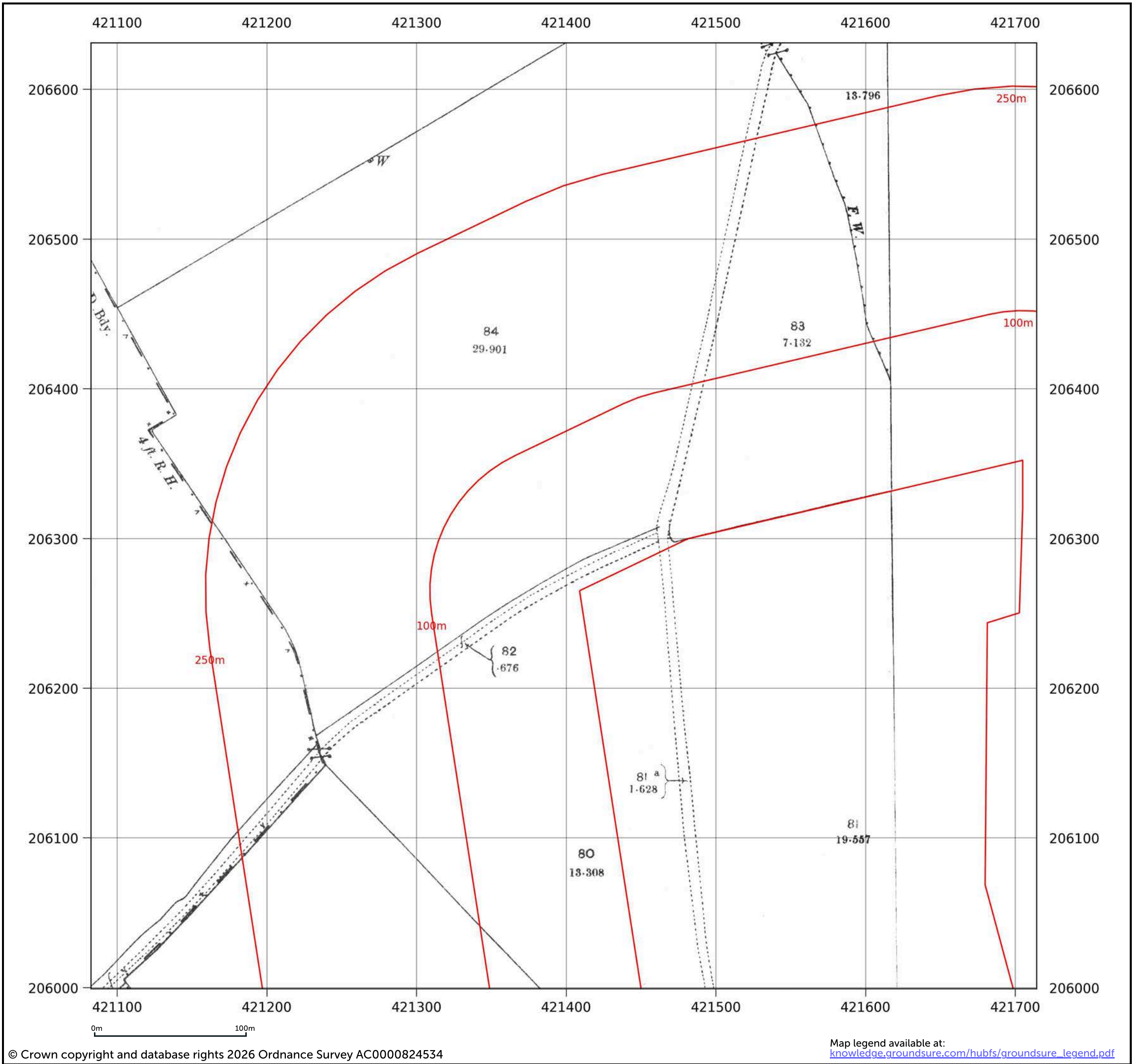
Revised: 1899

1_4

2_4

1_3

2_3

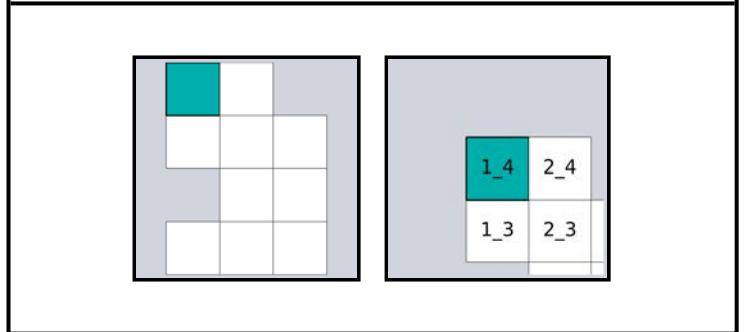


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

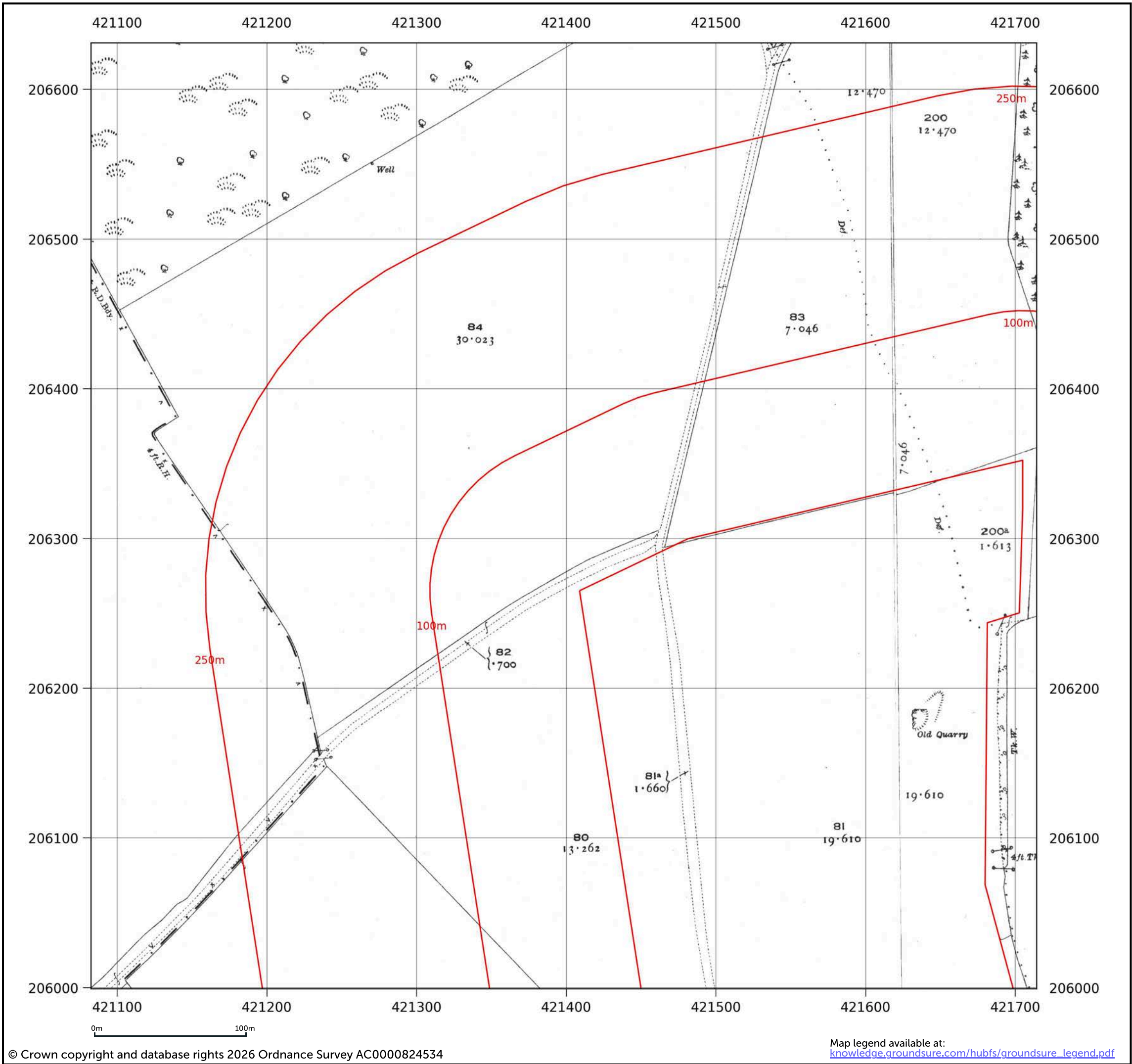
Map name:	County Series
Map date:	1921
Scale:	1:2,500
Printed at:	1:2,500



Date: 1921 Surveyed: 1921 Revised: 1921	Date: 1921 Surveyed: 1921 Revised: 1921
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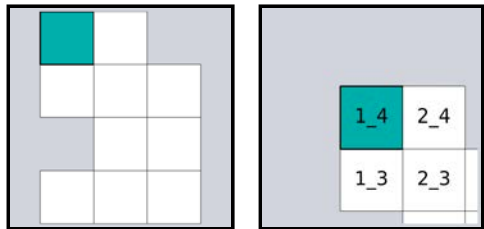
Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

Map name: National Grid
Map date: 1971
Scale: 1:2,500
Printed at: 1:2,500

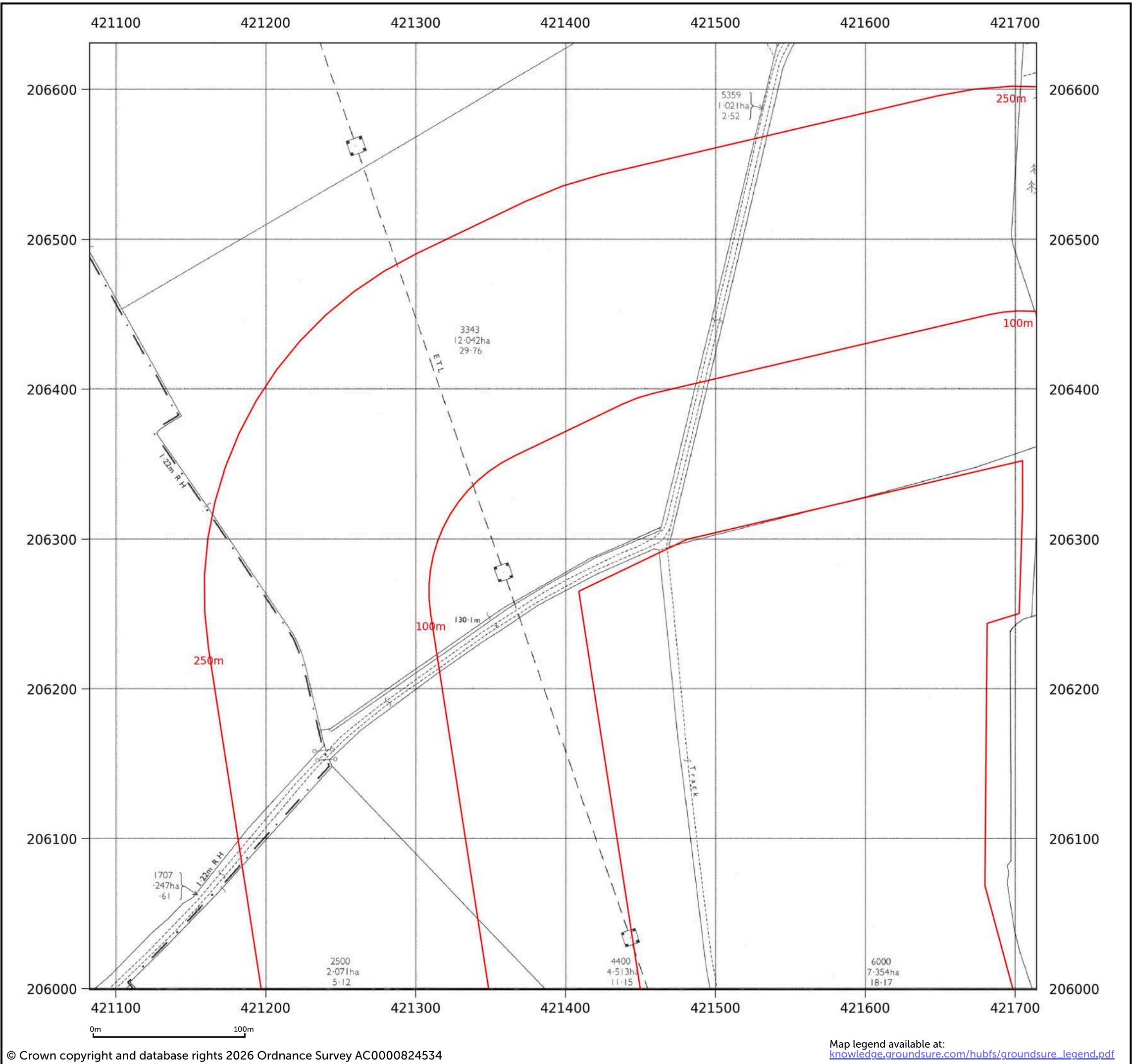


Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953

Date: 1971



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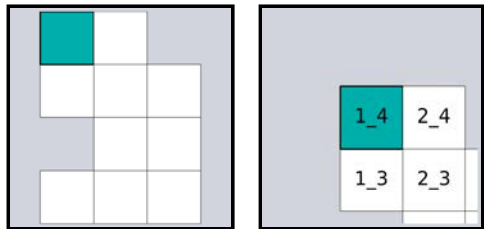


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

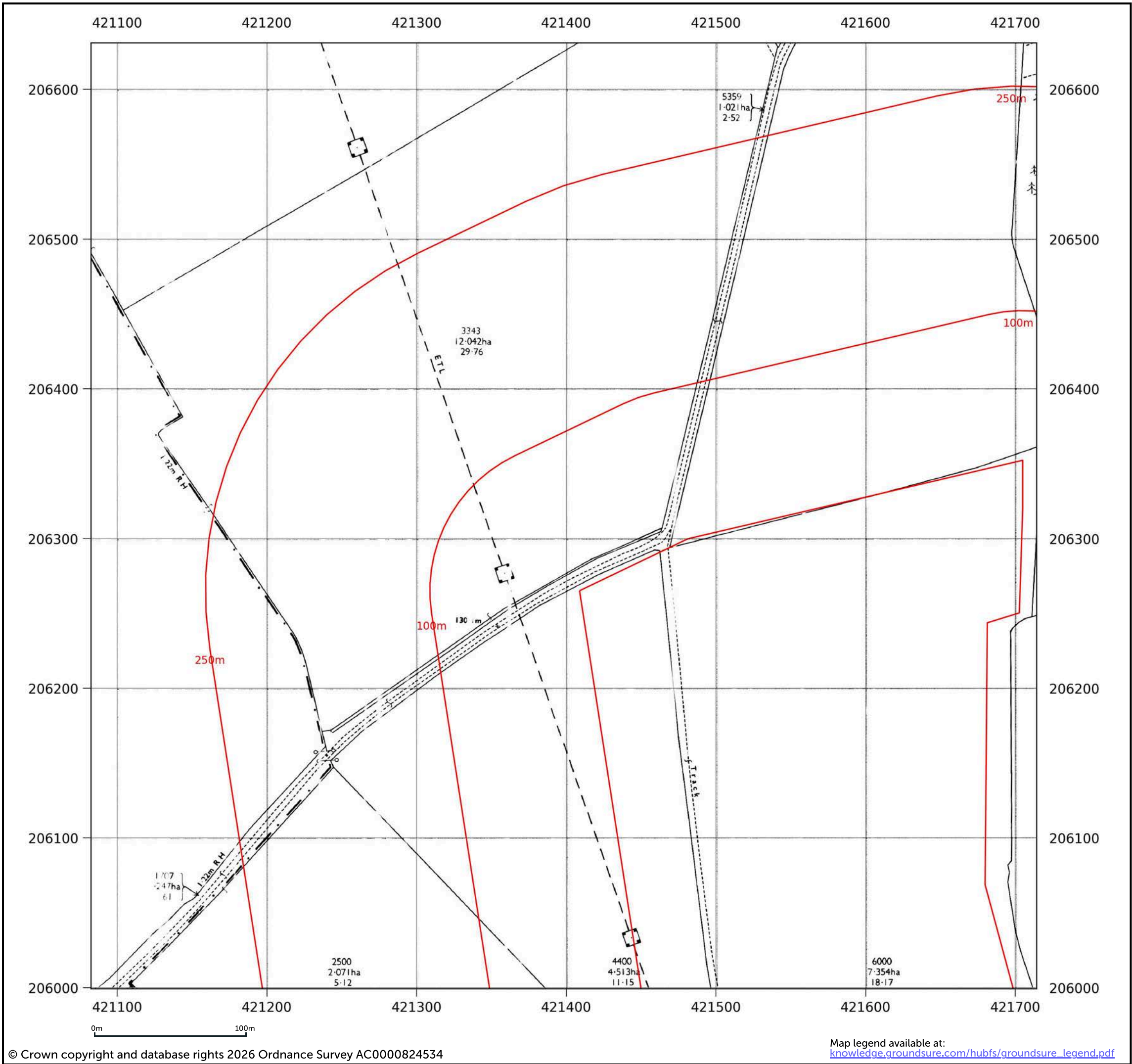
Map name: National Grid
Map date: 1971
Scale: 1:2,500
Printed at: 1:2,500



Date: 1971
Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500

N

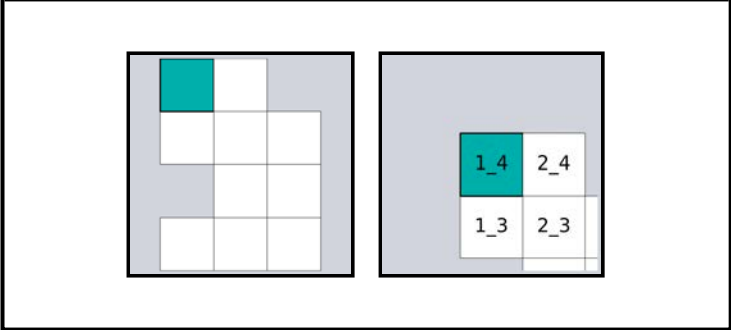
W

E

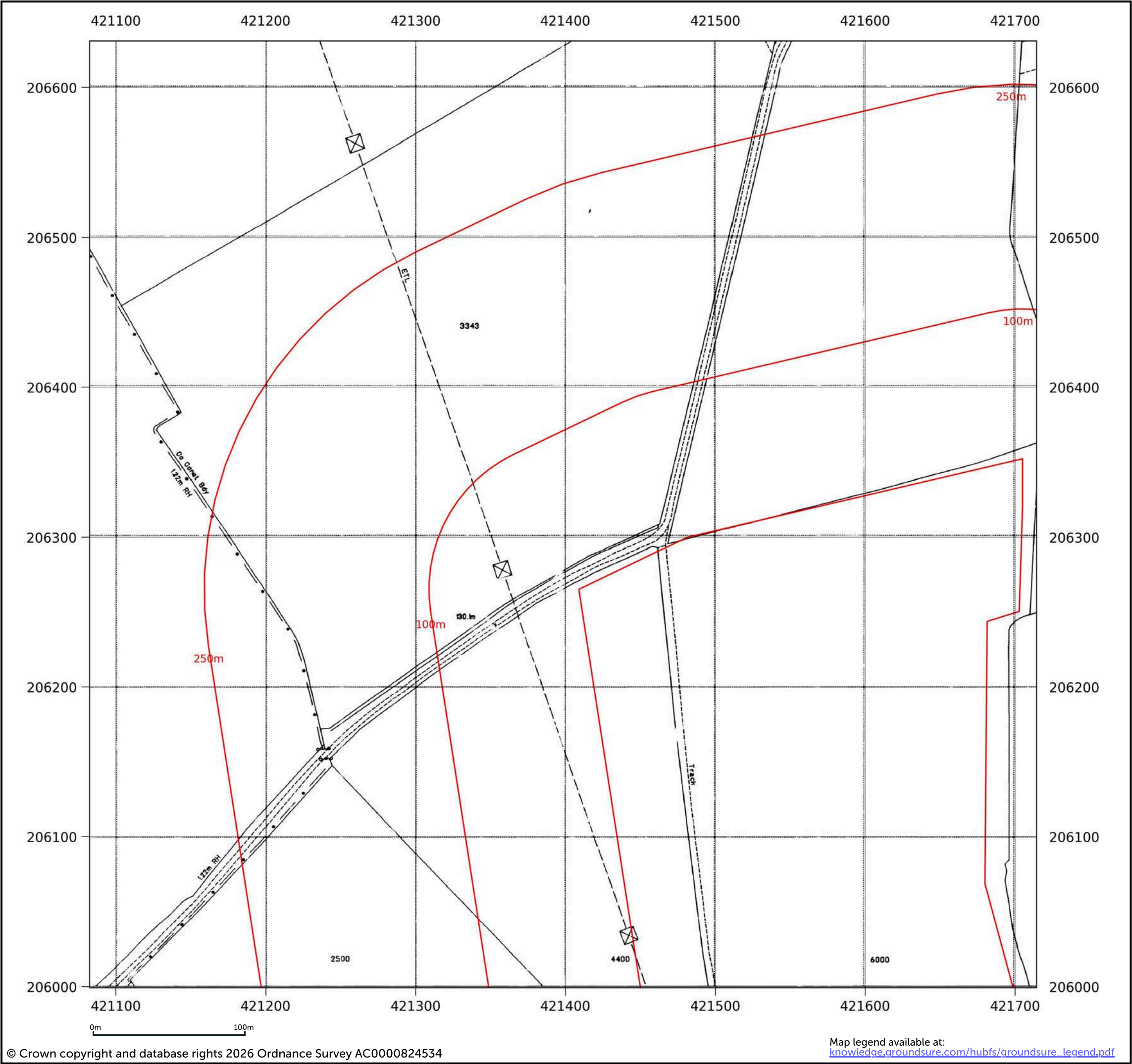
S

Date: 1994
Copyright: 1994

Date: 1994
Surveyed: 1994
Revised: 1994



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Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

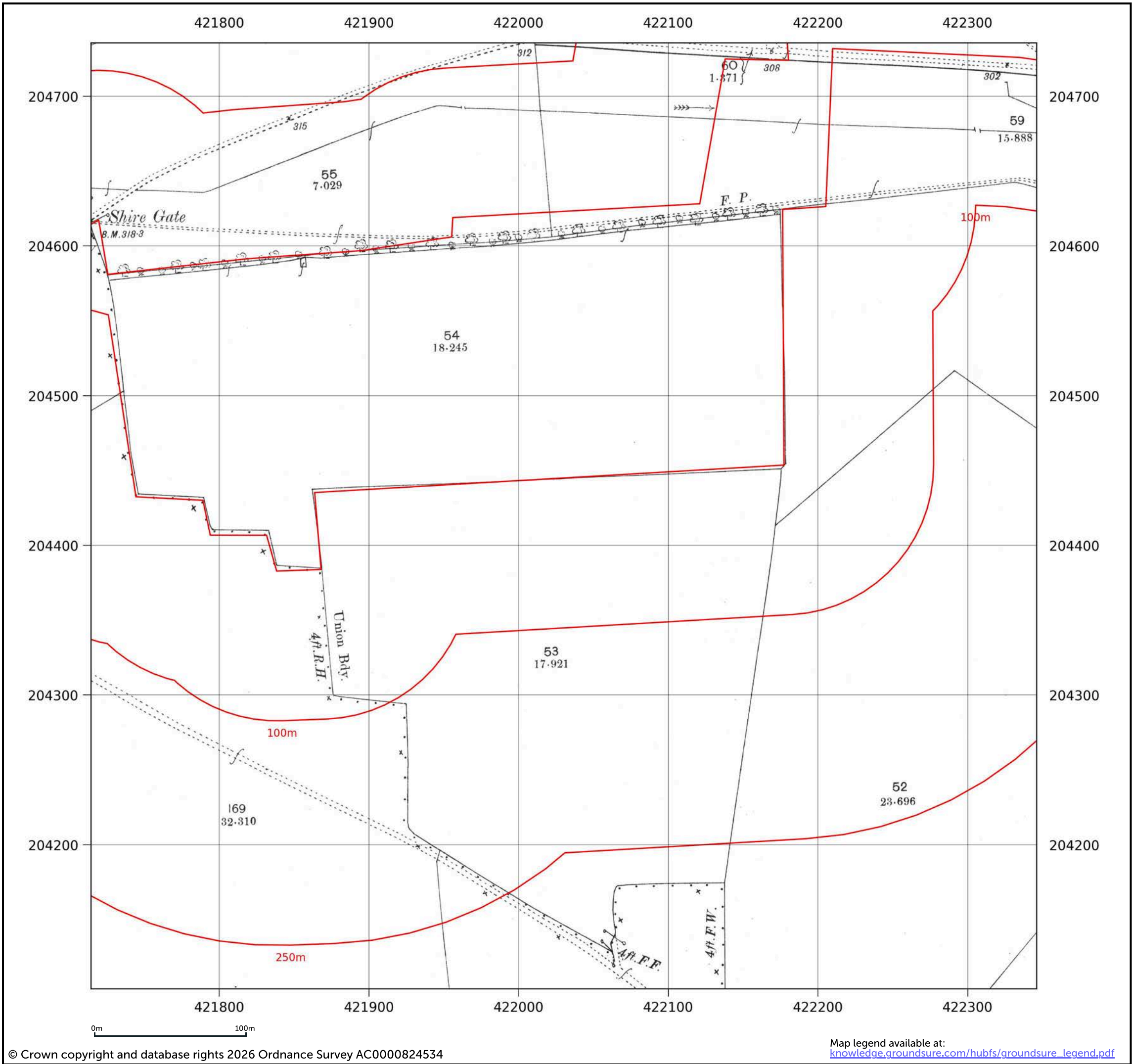
Map name:	County Series
Map date:	1899
Scale:	1:2,500
Printed at:	1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1899

Scale:

1:2,500

Printed at:

1:2,500

Date: 1899
Surveyed: 1899
Revised: 1899

1_1

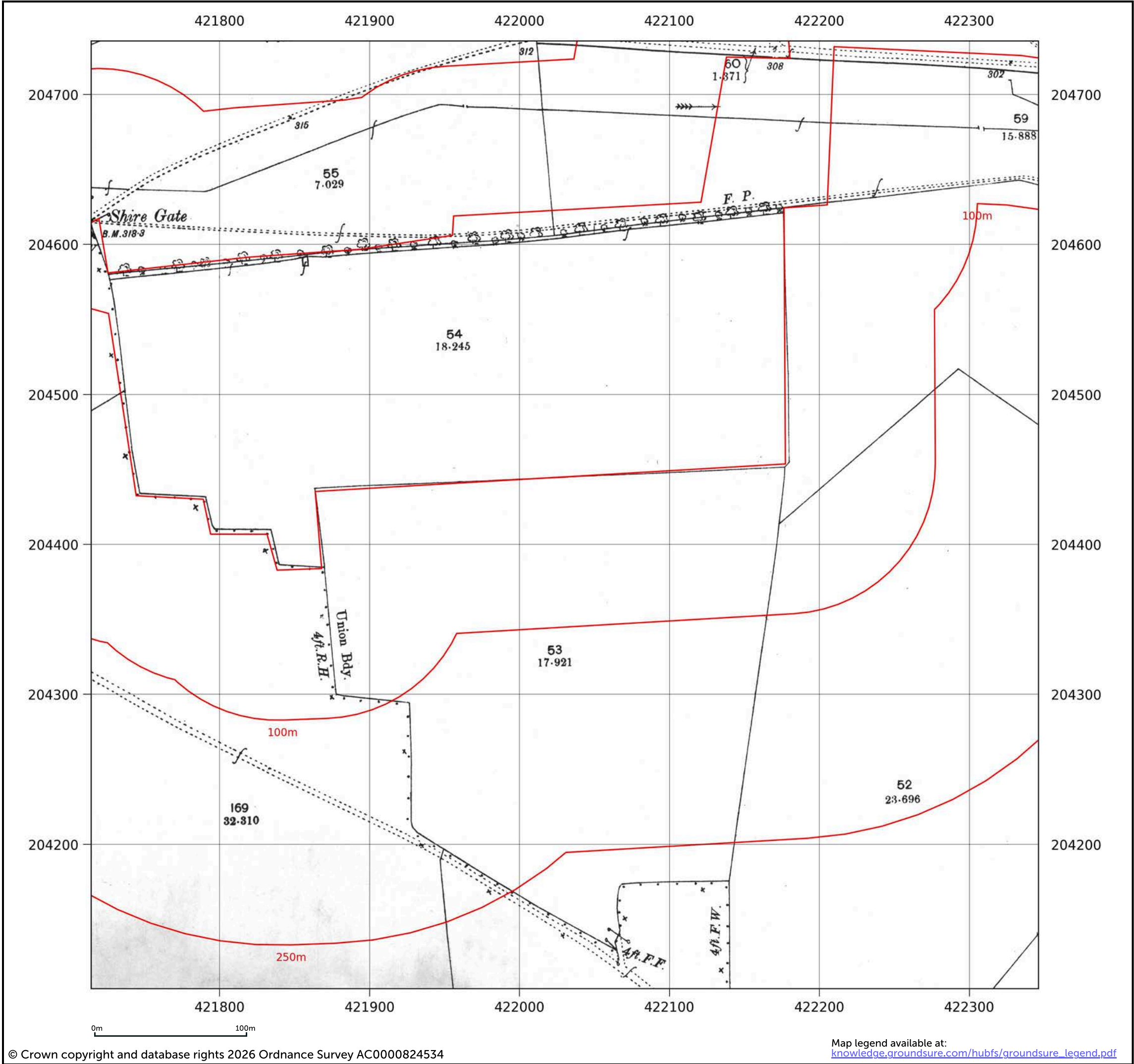
2_1

3_1

2_2

3_2

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1921

Scale:

1:2,500

Printed at:

1:2,500

Date: 1921
Surveyed: 1921
Revised: 1921

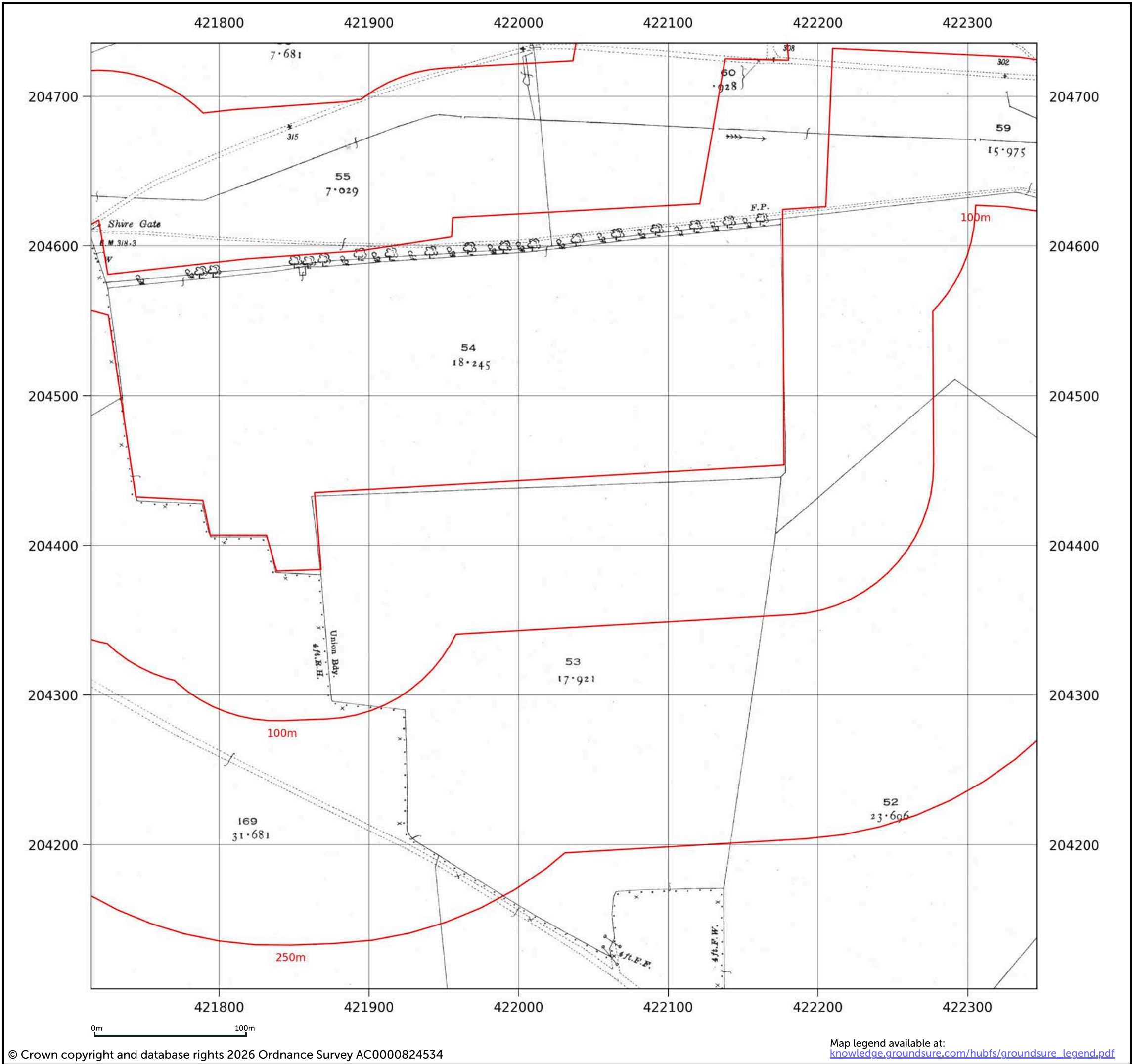
1_1

2_1

3_1

2_2

3_2



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

1971-1972

Scale:

1:2,500

Printed at:

1:2,500

Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953

Date: 1972
Surveyed: 1970
Revised: 1970
Copyright: 1972
Levelled: 1963

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Map legend available at:
knowledge.groundsure.com/hubfs/groundsure_legend.pdf

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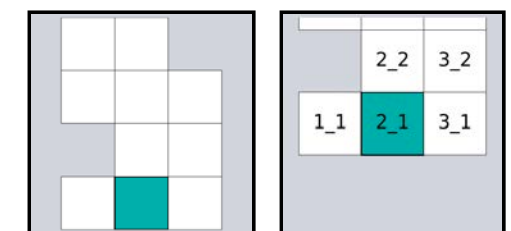
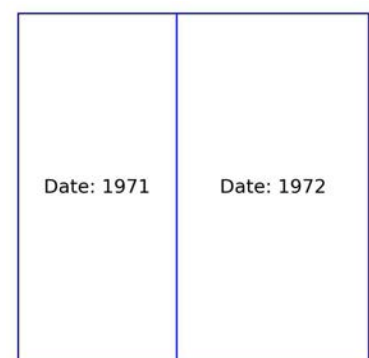
LOCATION INTELLIGENCE

Ordnance Survey

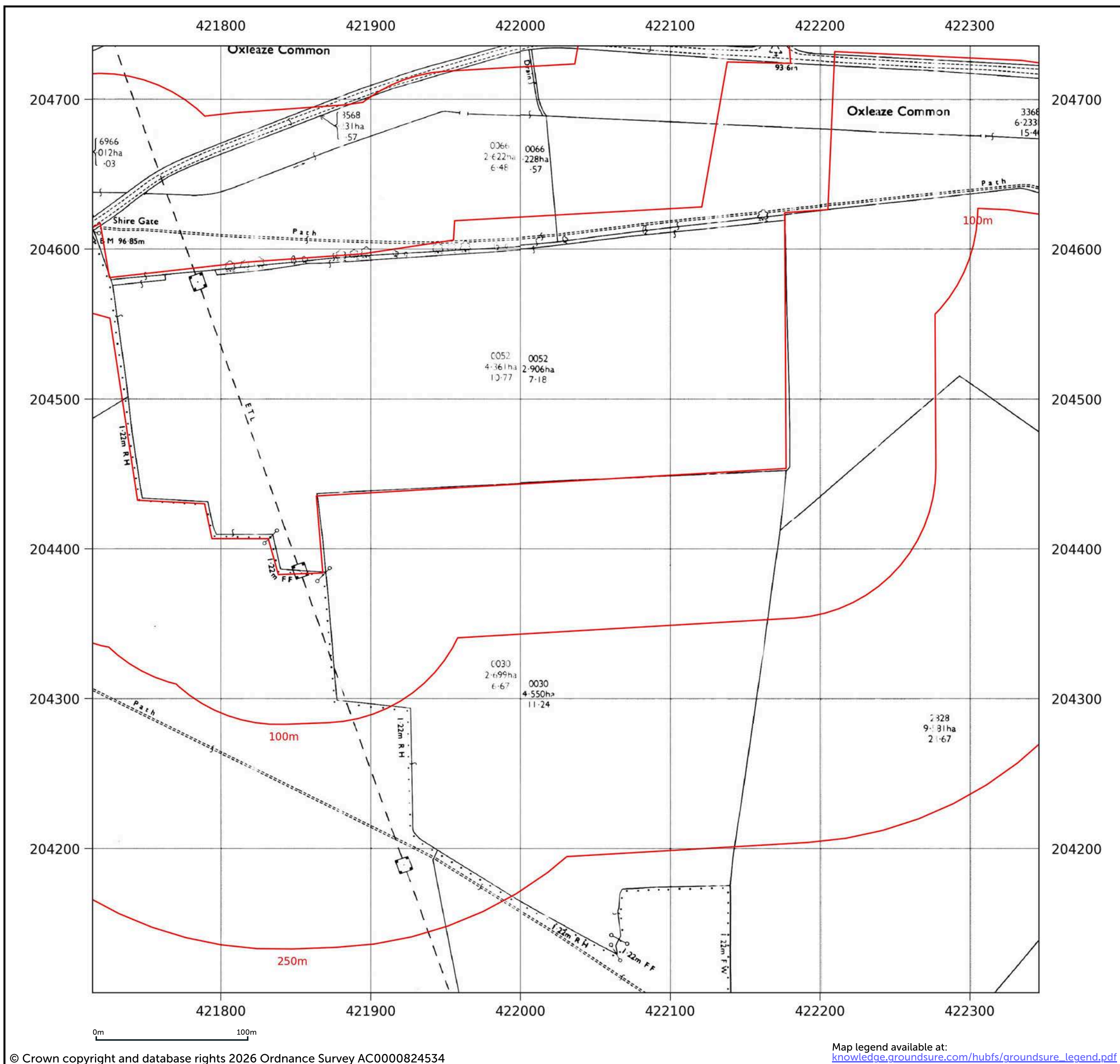
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Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

Map name: National Grid
Map date: 1971-1972
Scale: 1:2,500
Printed at: 1:2,500



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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire energy park NW Site

P25099

GS-AAK-BU7-1CS-3W2

422037.83, 205332.48

13 May 2026

Map name:

Map date:

Scale:

Printed at:

National Grid

1994

1:2,500

1:2,500

Date: 1994

Surveyed: 1994

Revised: 1994

Date: 1994

Copyright: 1994

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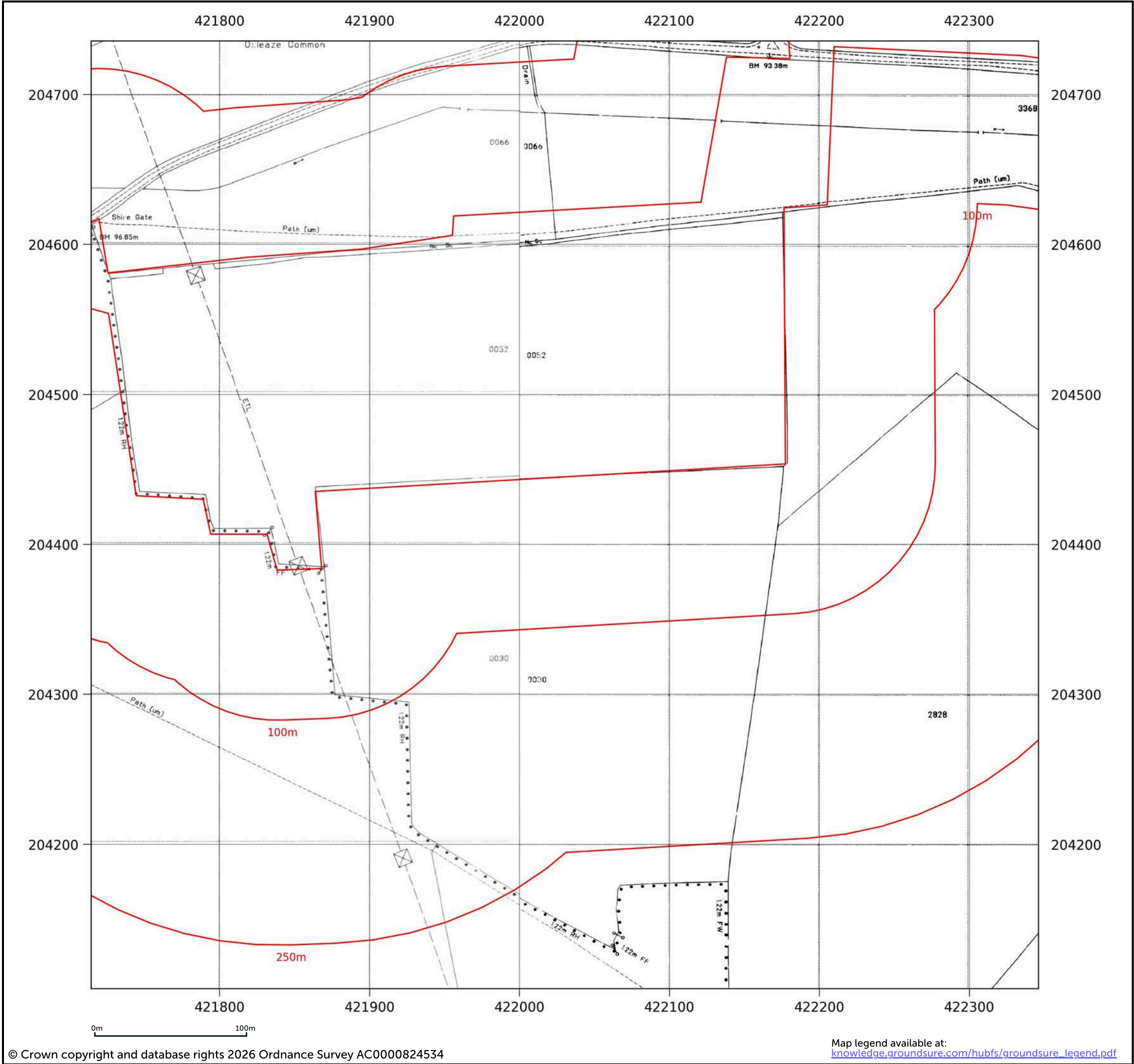
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2_2

3_2

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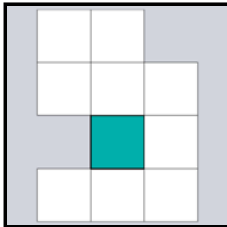


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Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

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Printed at:	1:2,500

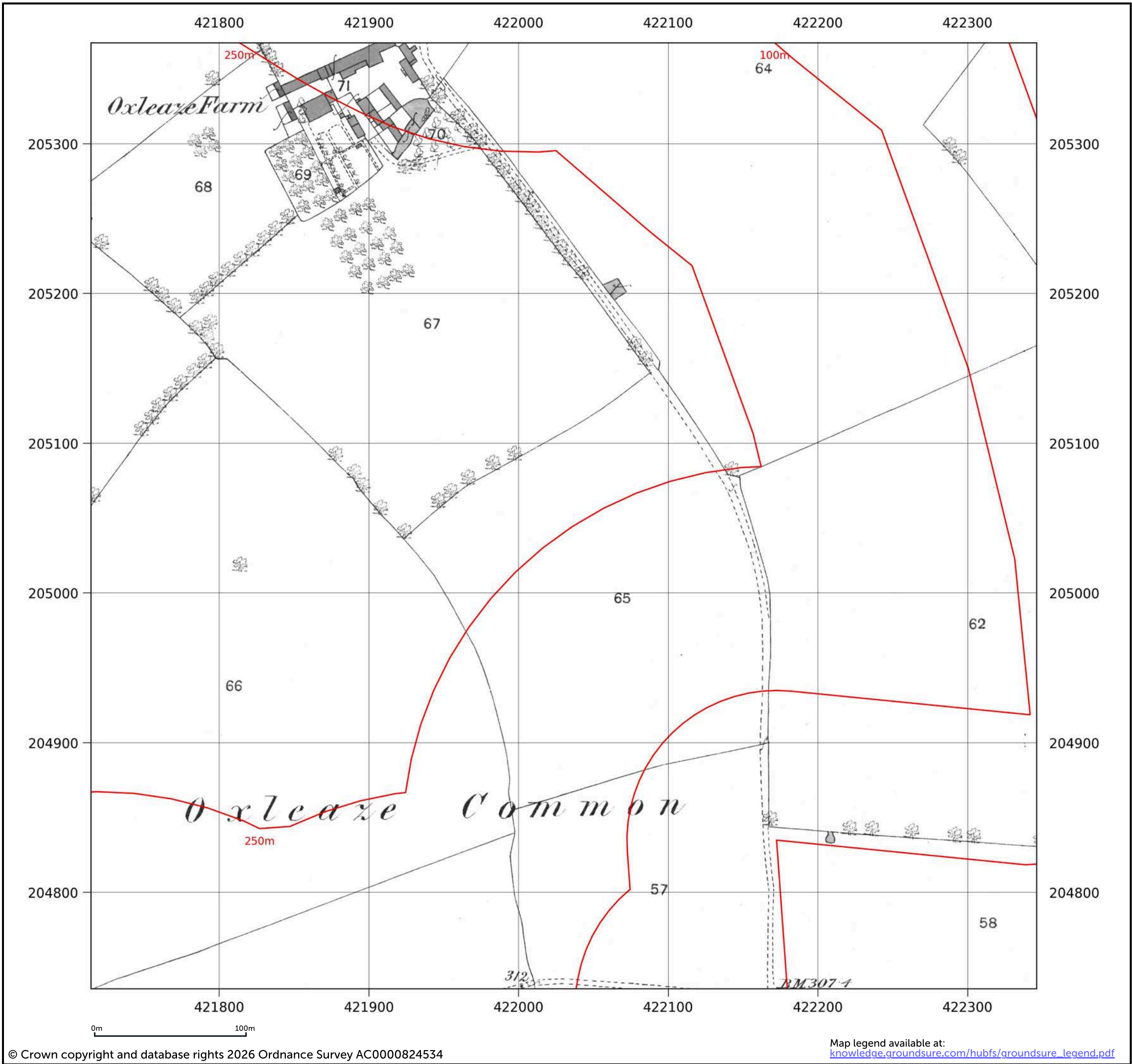


Date: 1881
Surveyed: 1881
Revised: 1881



1_3	2_3	3_3
	2_2	3_2
1_1	2_1	3_1

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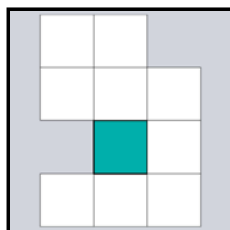


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Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

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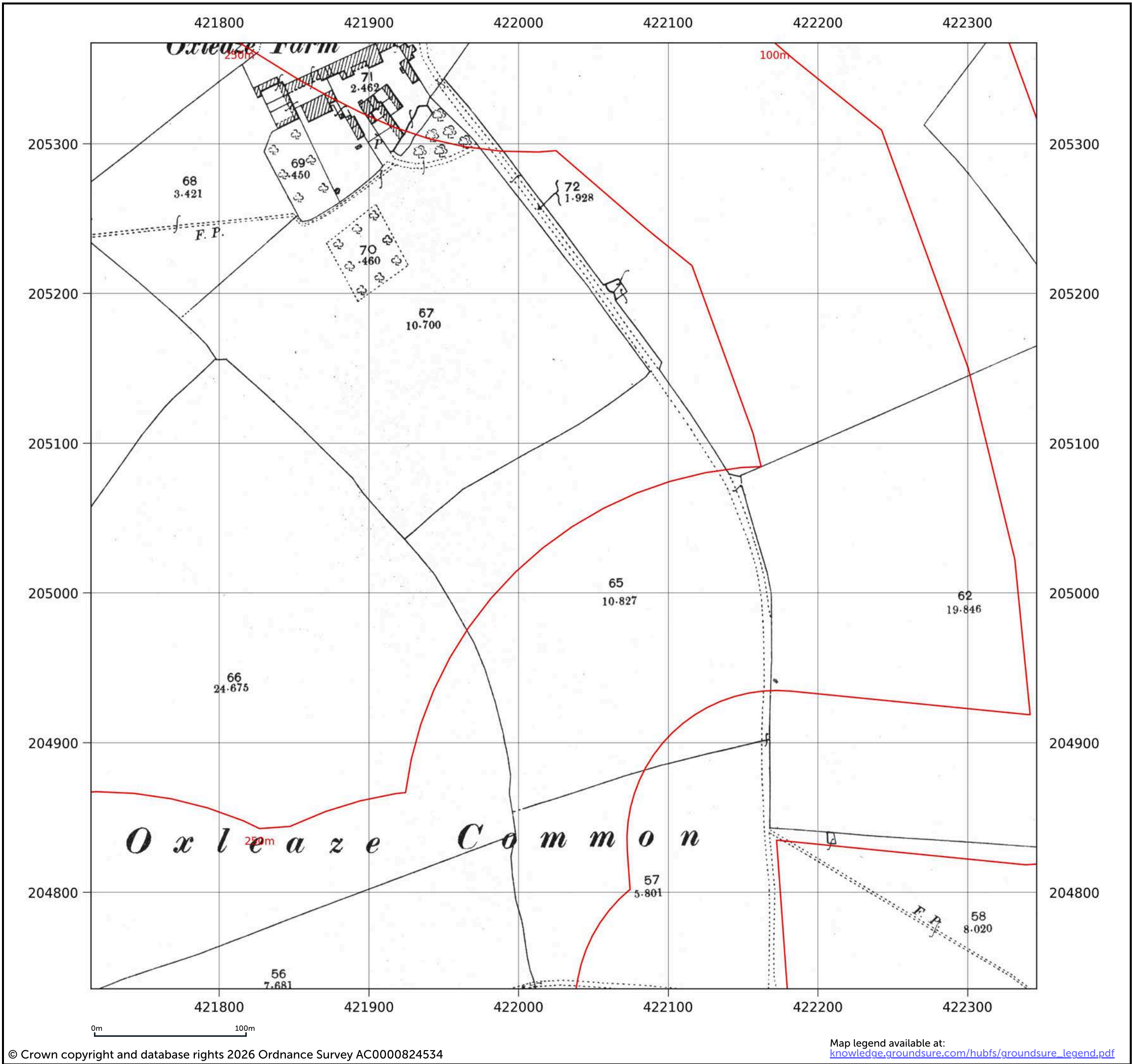


Date: 1899
Surveyed: 1899
Revised: 1899



1_3	2_3	3_3
	2_2	3_2
1_1	2_1	3_1

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1899

Scale:

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Printed at:

1:2,500

Date: 1899
Surveyed: 1899
Revised: 1899

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3_3

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2_1

3_1

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1_2

2_2

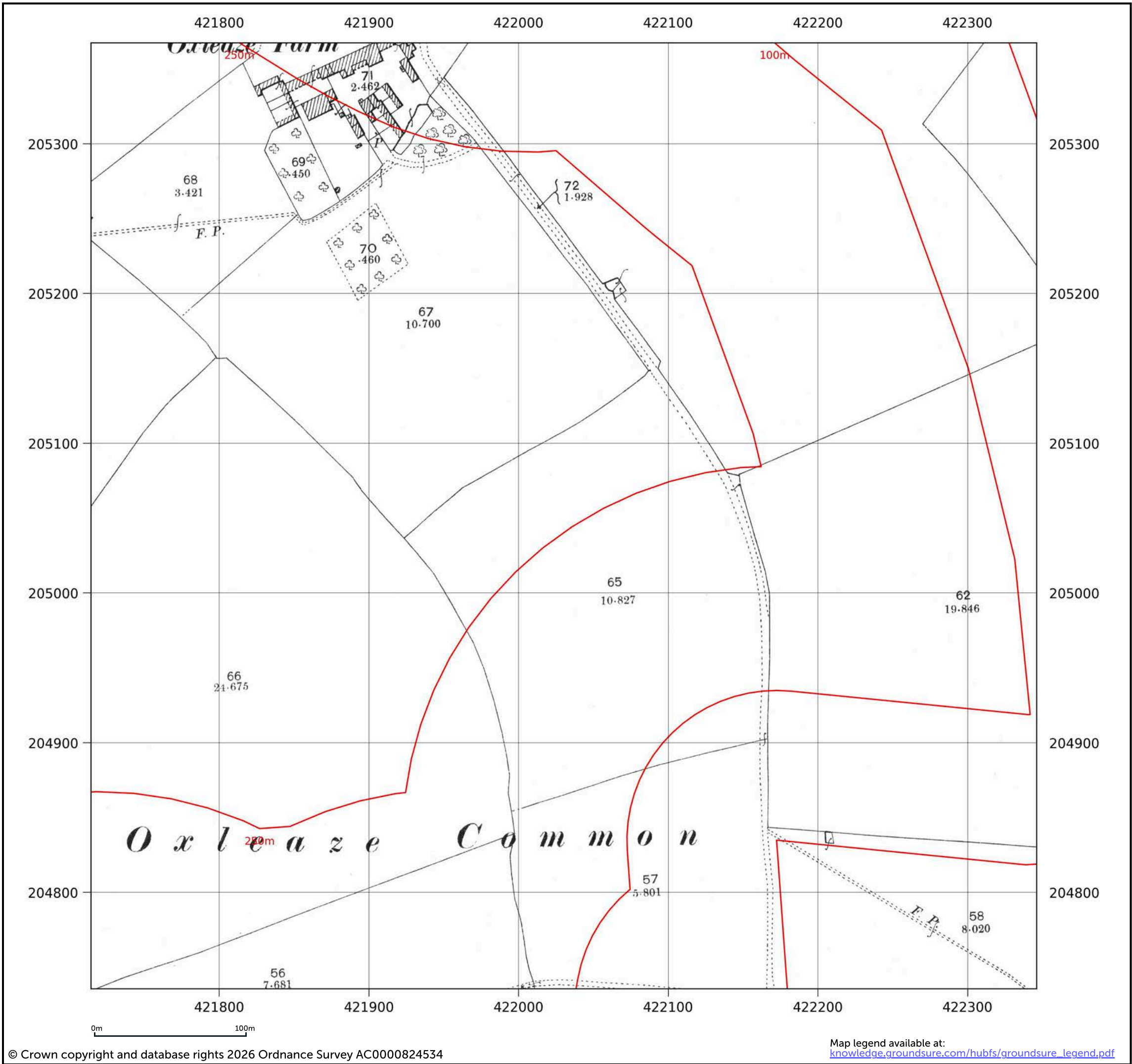
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2_4

3_4

2_3

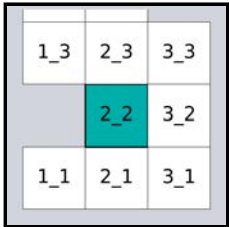
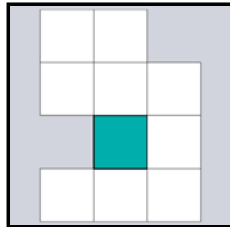


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Production date: 13 May 2026

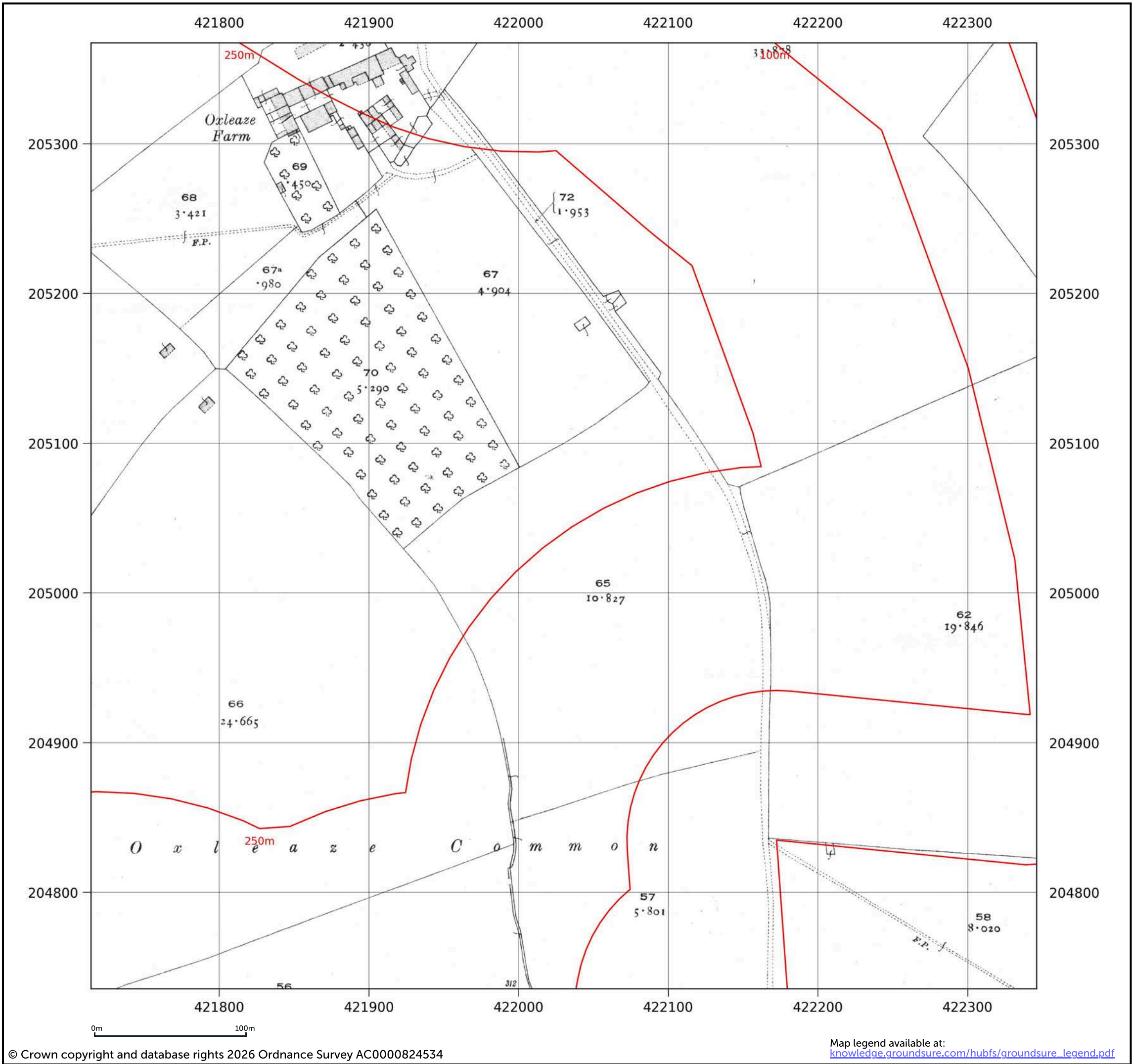
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Surveyed: 1921
Revised: 1921



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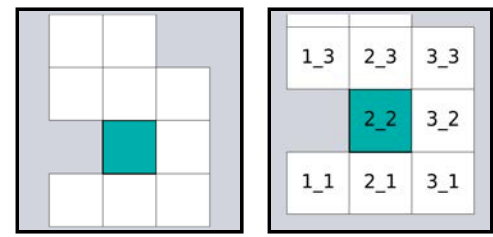


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Grid ref: 422037.83, 205332.48
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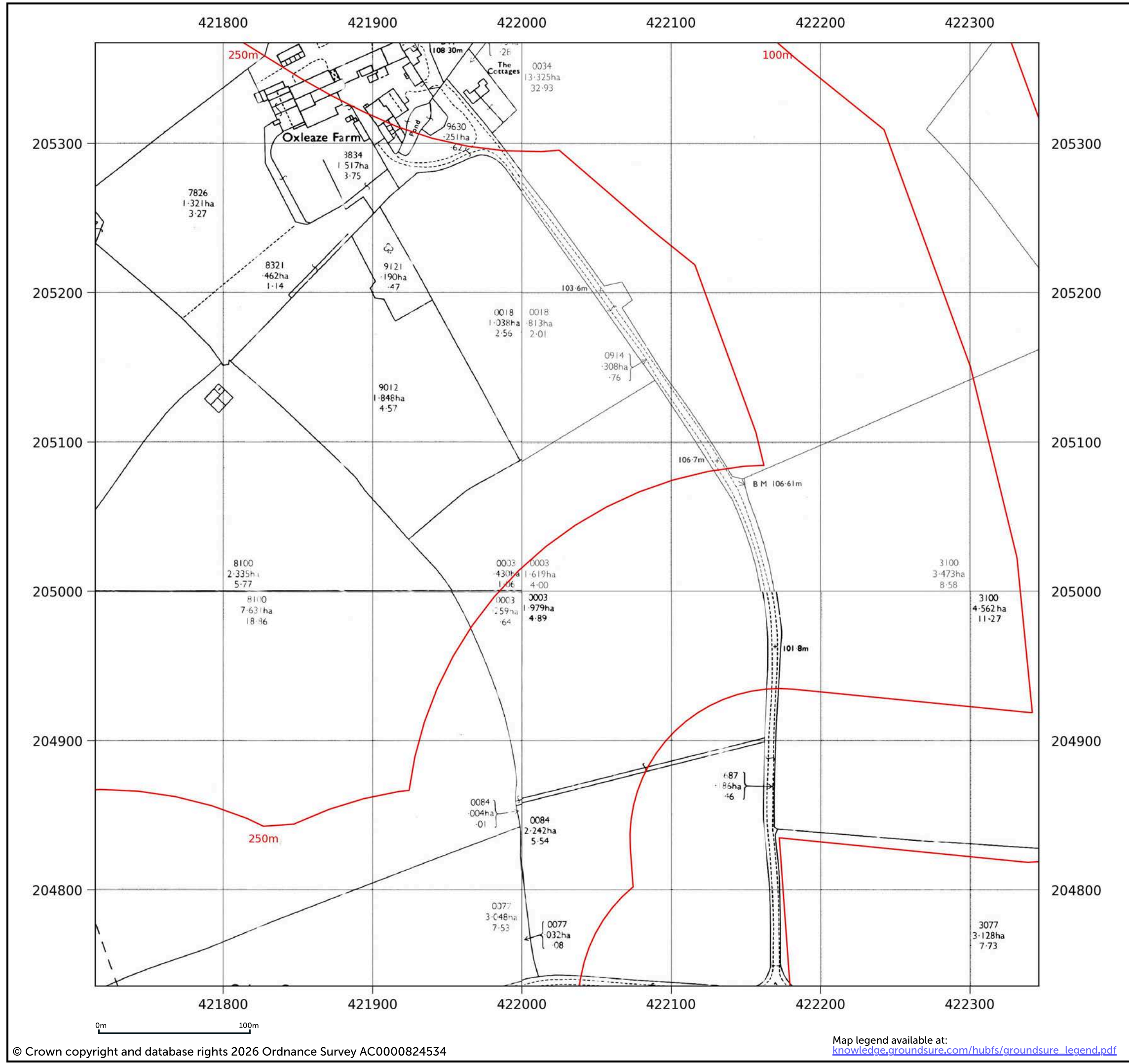
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Scale: 1:2,500
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Date: 1971	Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953
Date: 1971	Date: 1972



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Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

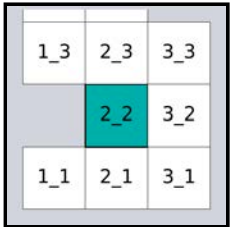
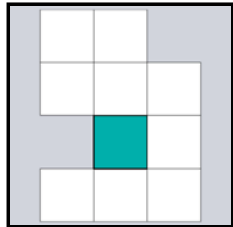
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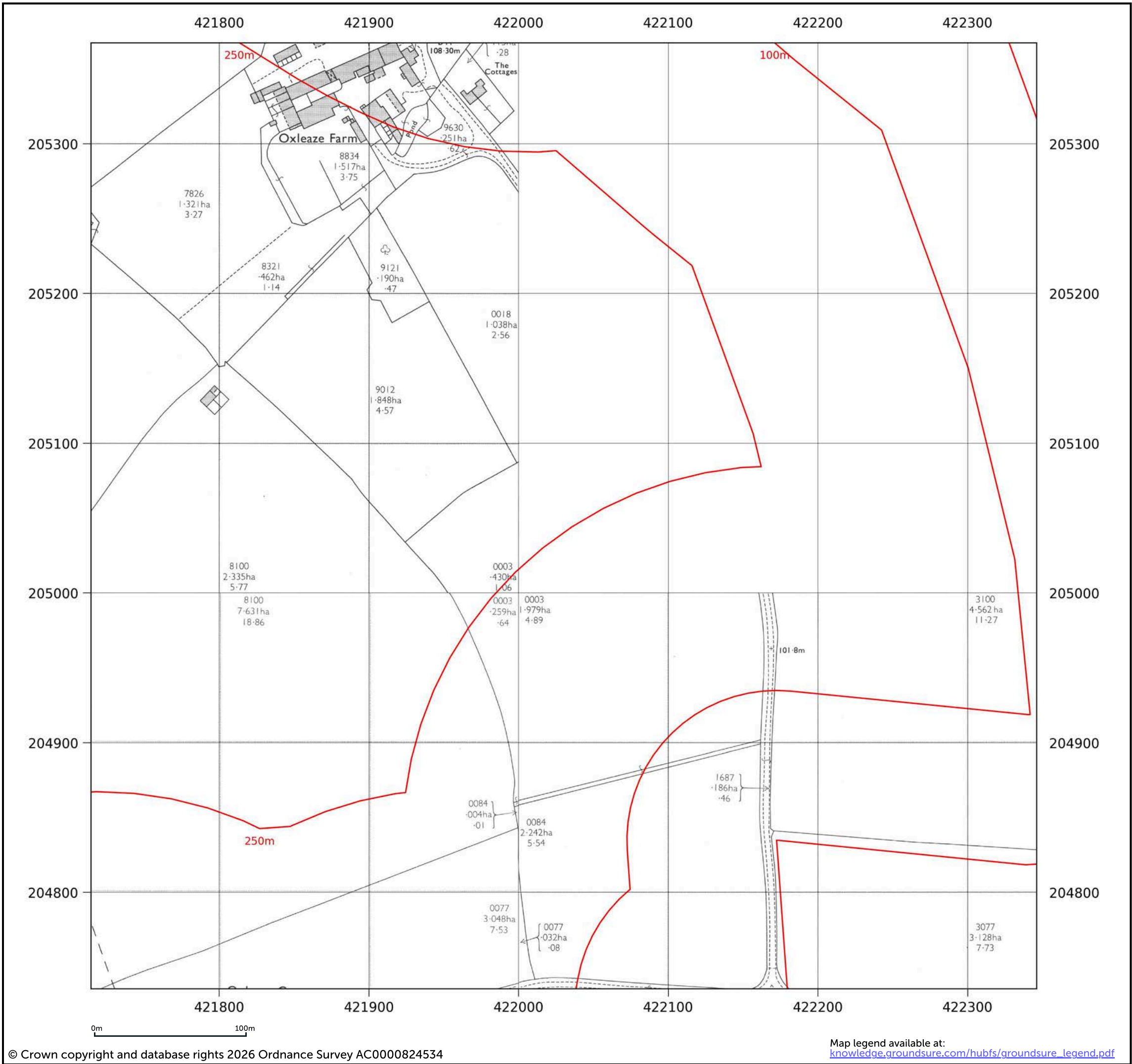
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Copyright: 1971
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Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953

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Copyright: 1972
Levelled: 1963



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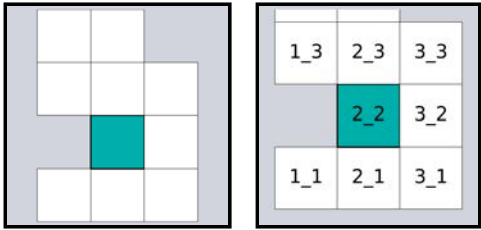


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
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Grid ref: 422037.83, 205332.48
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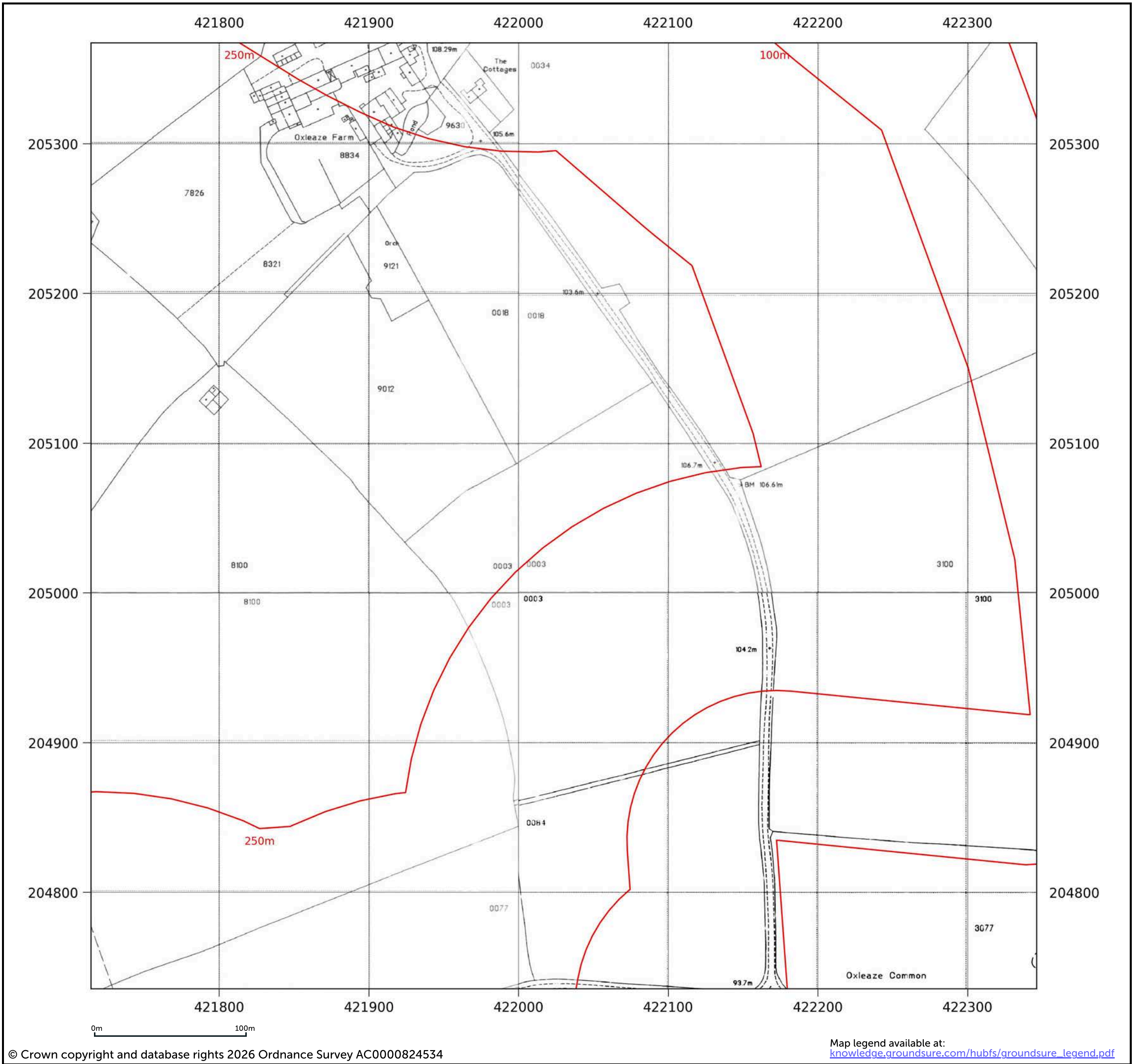
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Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1881

Scale:

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Printed at:

1:2,500

Date: 1881

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Revised: 1881

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1_3

2_3

3_3

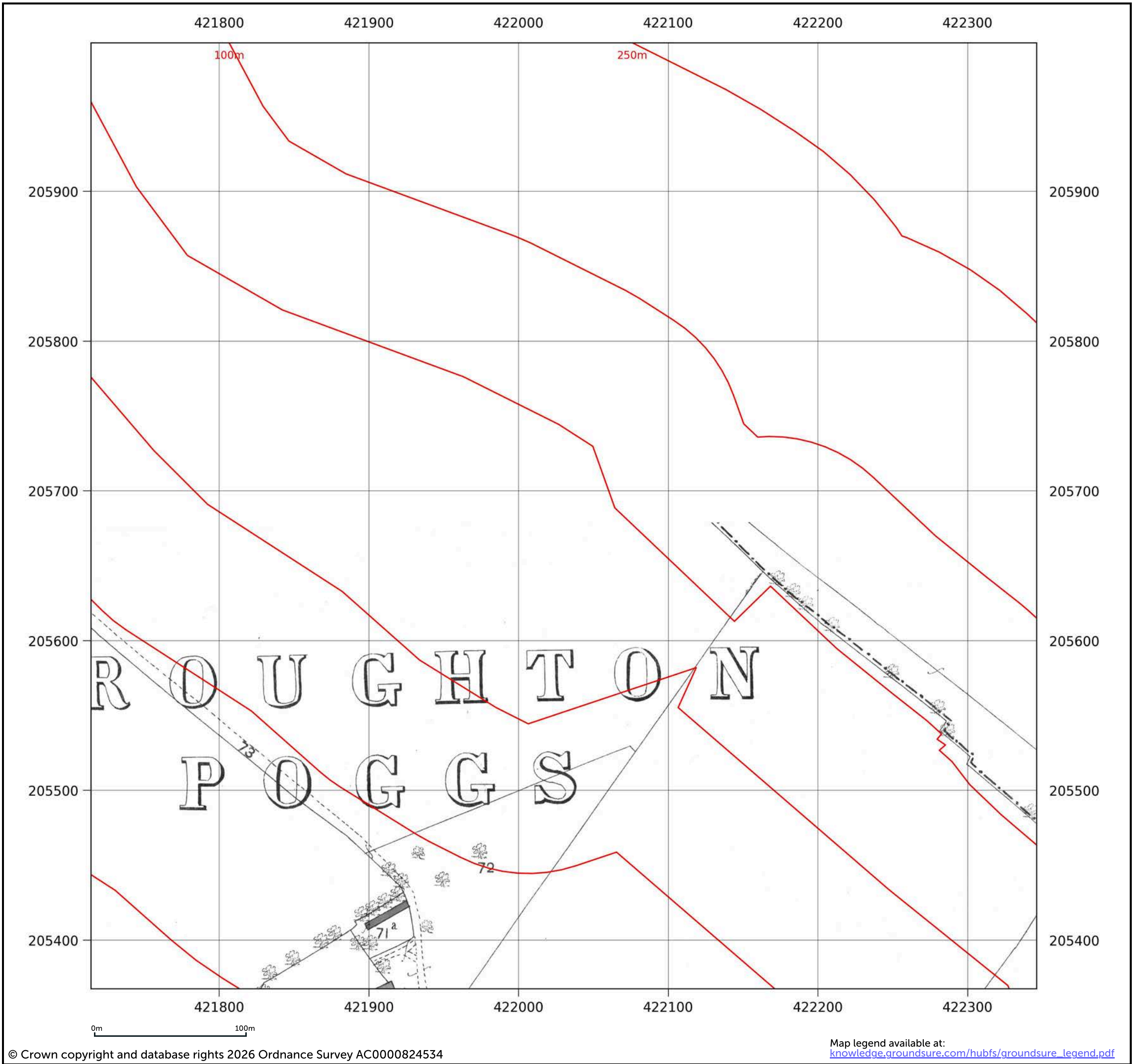
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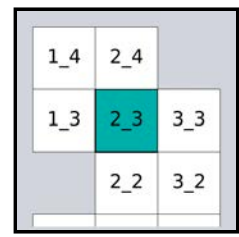
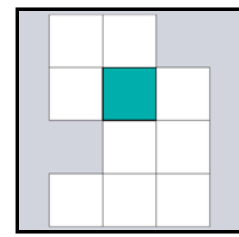


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Production date:	13 May 2026

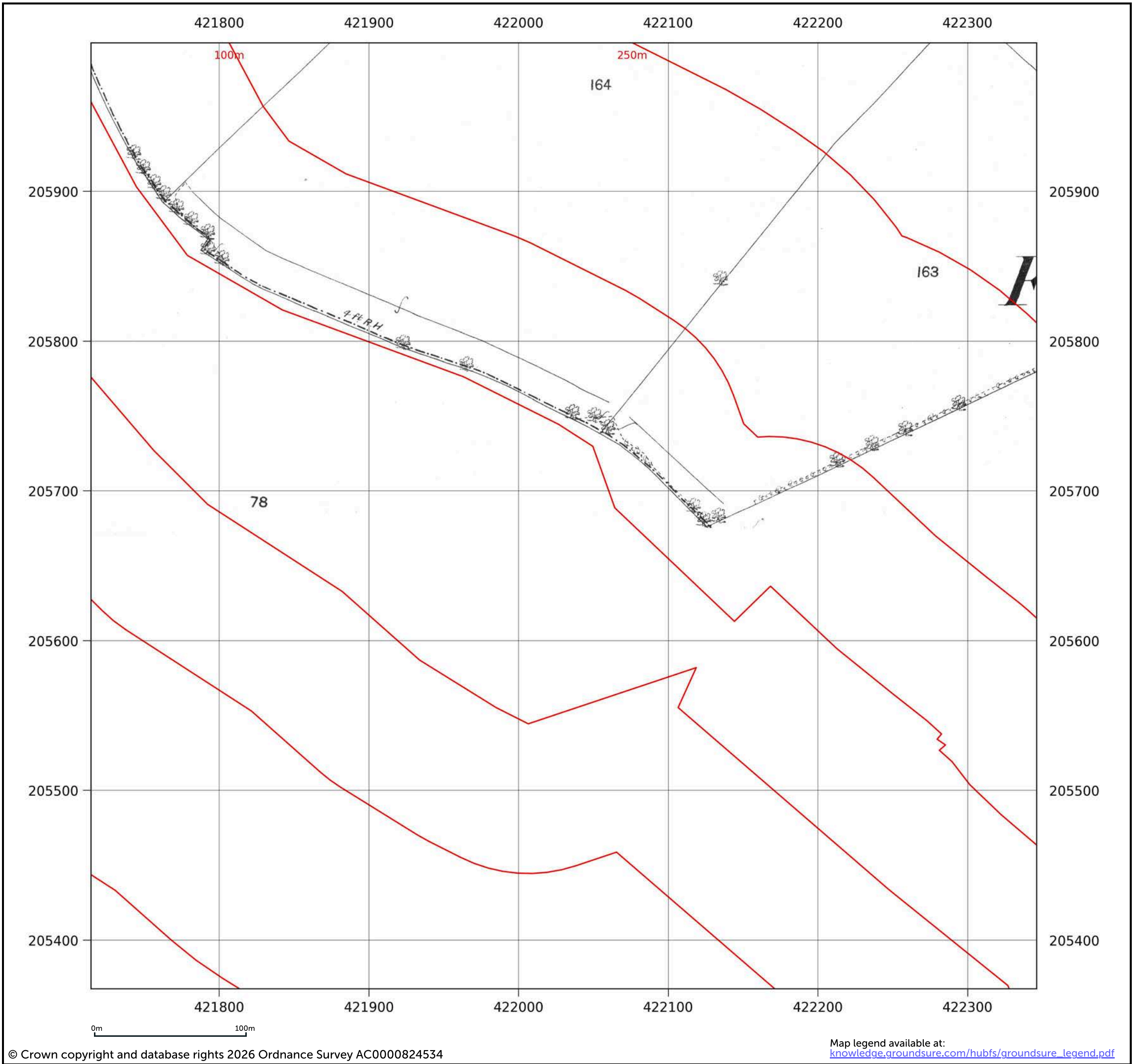
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Date: 1881
Surveyed: 1881
Revised: 1881



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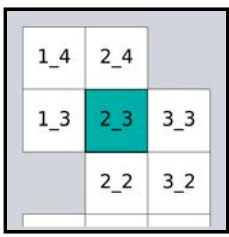
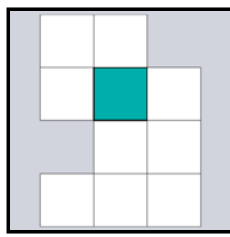


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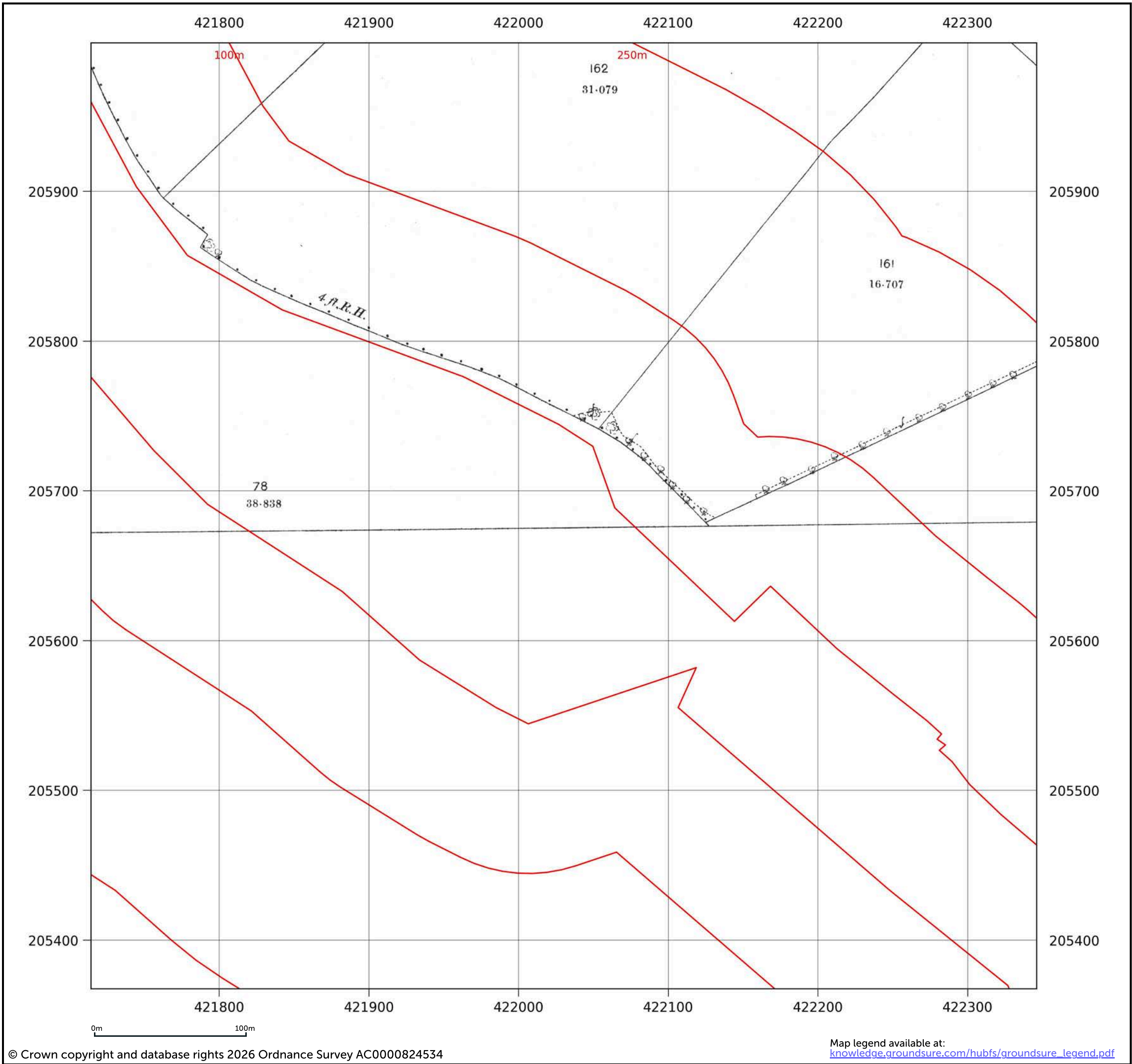
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Date: 1899
Surveyed: 1899
Revised: 1899



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Site details:
Client ref:
Report ref:
Grid ref:
Production date:

West Oxfordshire energy
park NW Site
P25099
GS-AAK-BU7-1CS-3W2
422037.83, 205332.48
13 May 2026

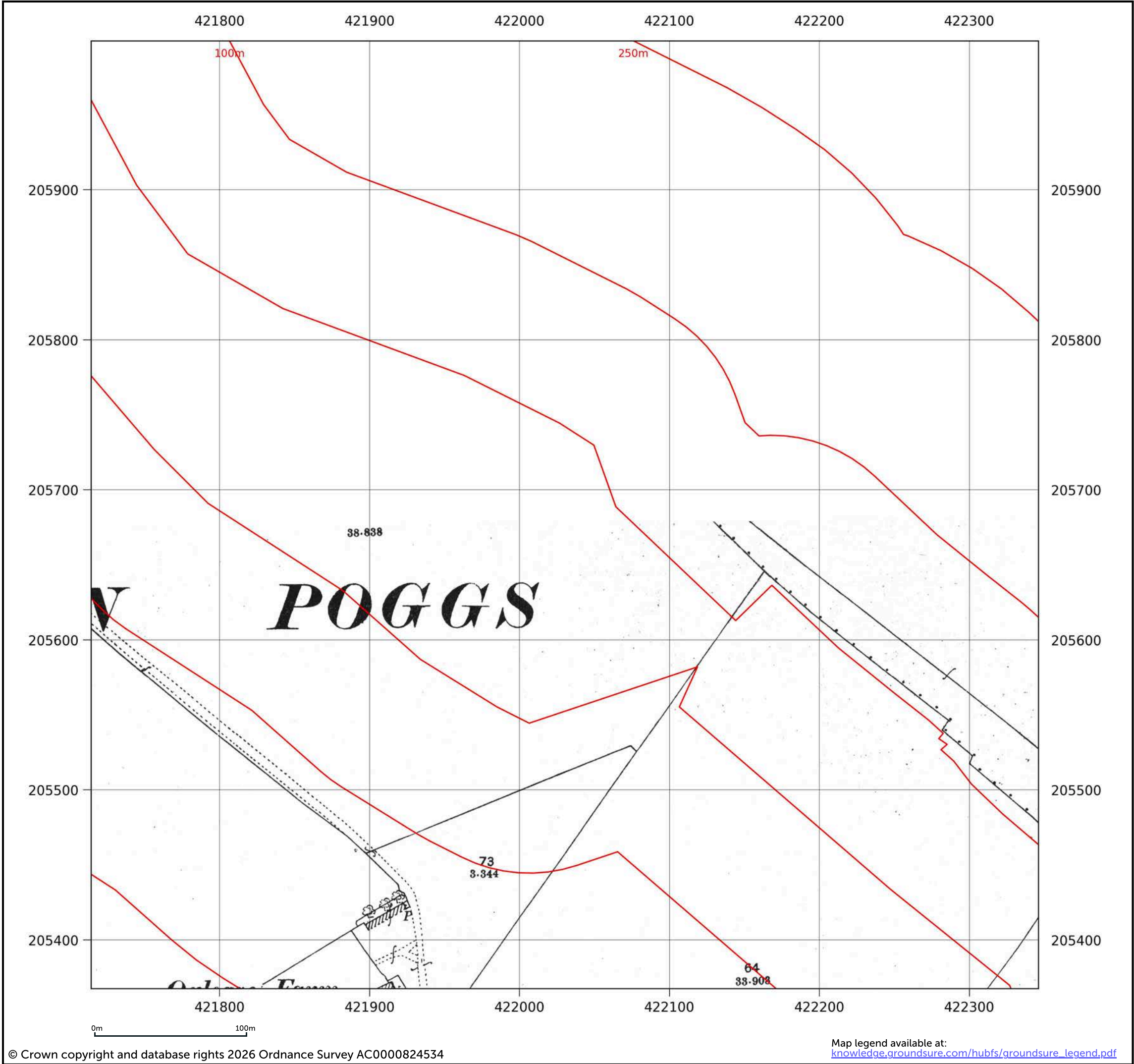
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Date: 1899
Surveyed: 1899
Revised: 1899

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2_2	3_2

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

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422037.83, 205332.48

Production date:

13 May 2026

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County Series

Map date:

1899

Scale:

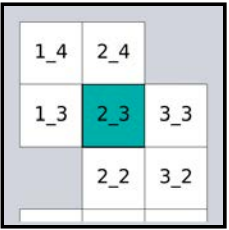
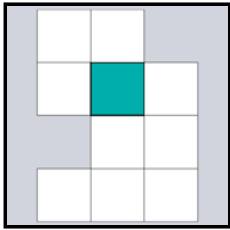
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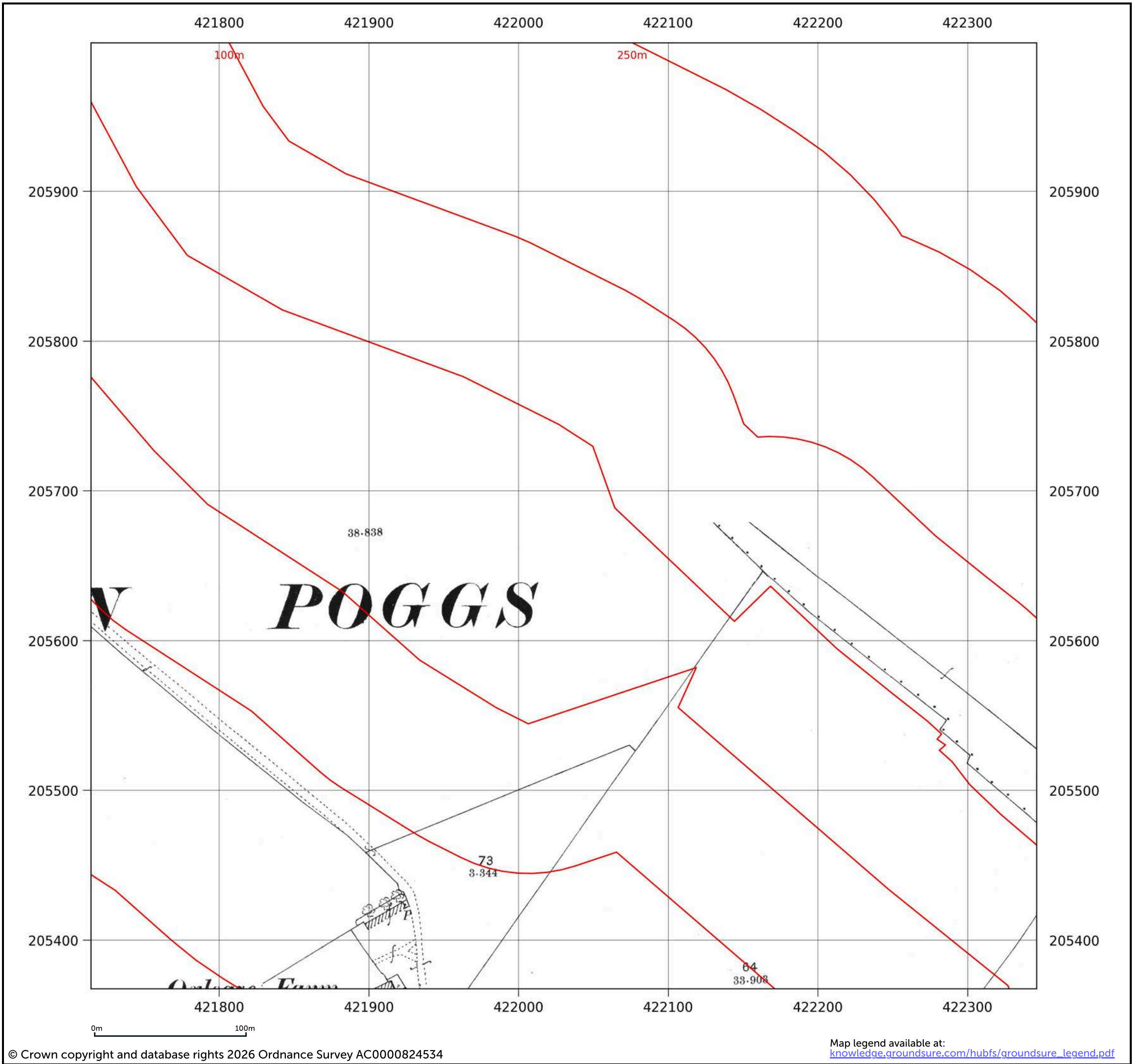
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Date: 1899
Surveyed: 1899
Revised: 1899



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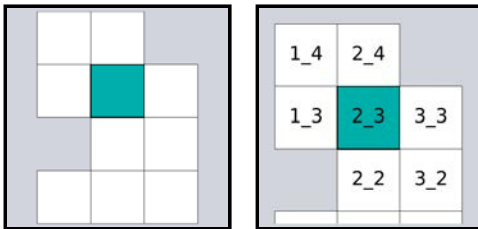
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Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

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Map date: 1921
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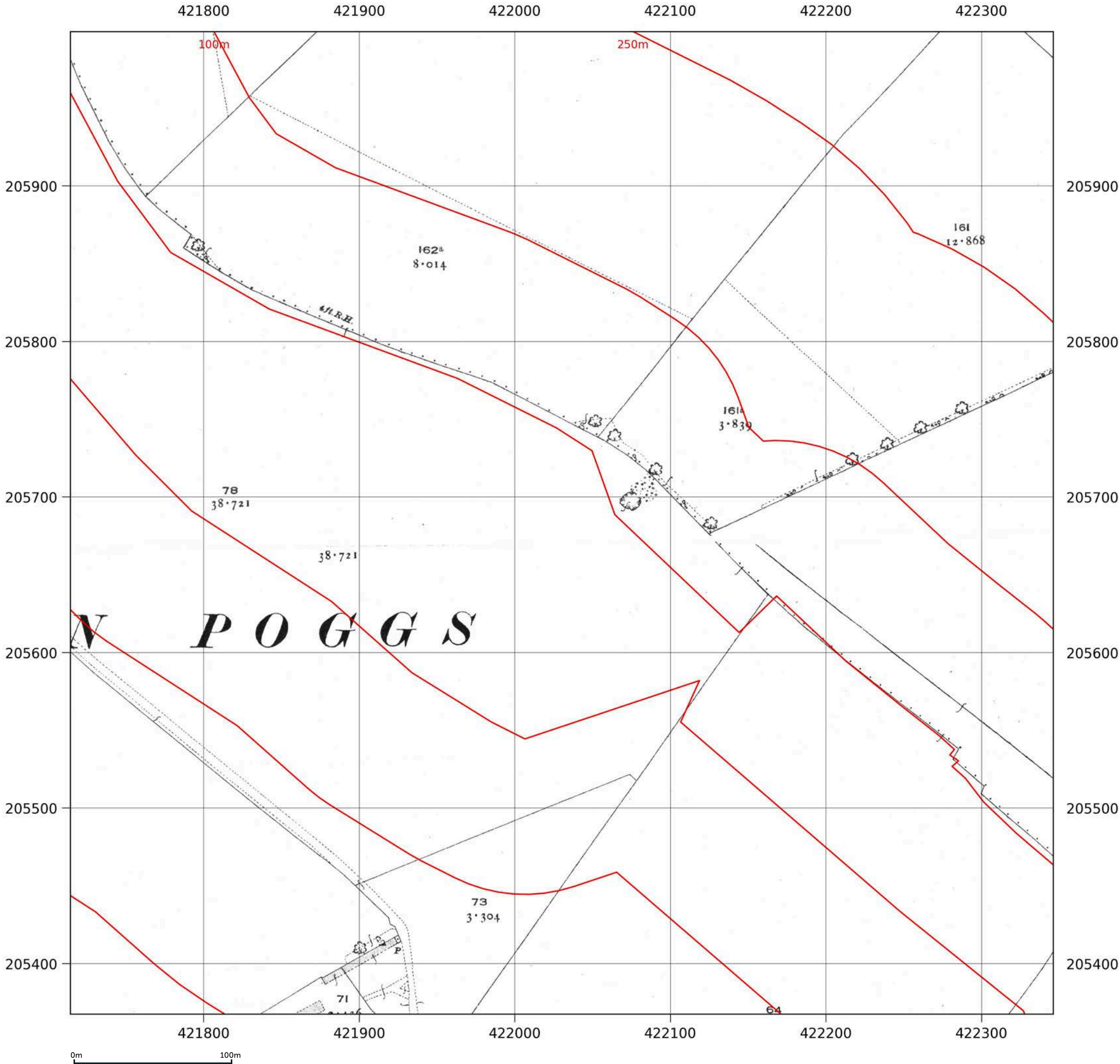


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Revised: 1921

Date: 1921
Surveyed: 1921
Revised: 1921



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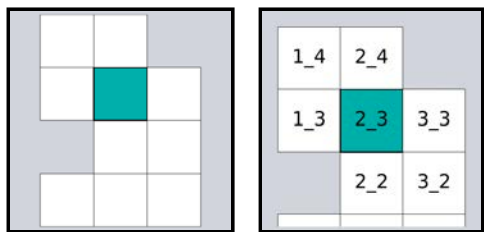


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Production date:	13 May 2026

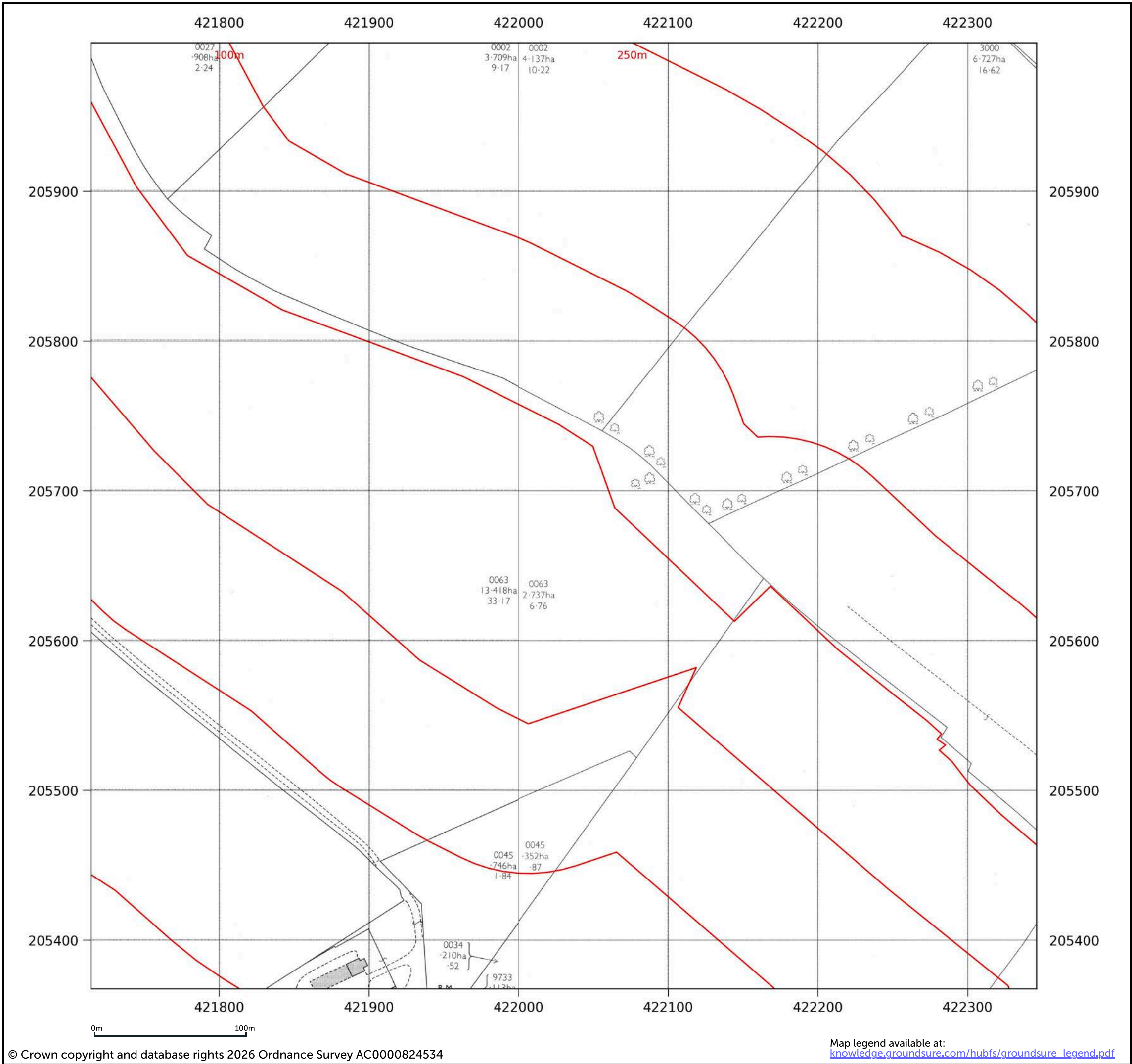
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Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953	Date: 1971 Surveyed: 1970 Revised: 1970 Copyright: 1971 Levelled: 1953
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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

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Map date:

1971

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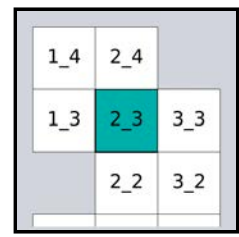
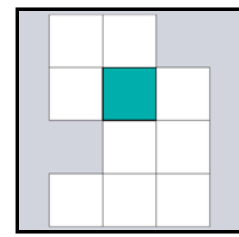
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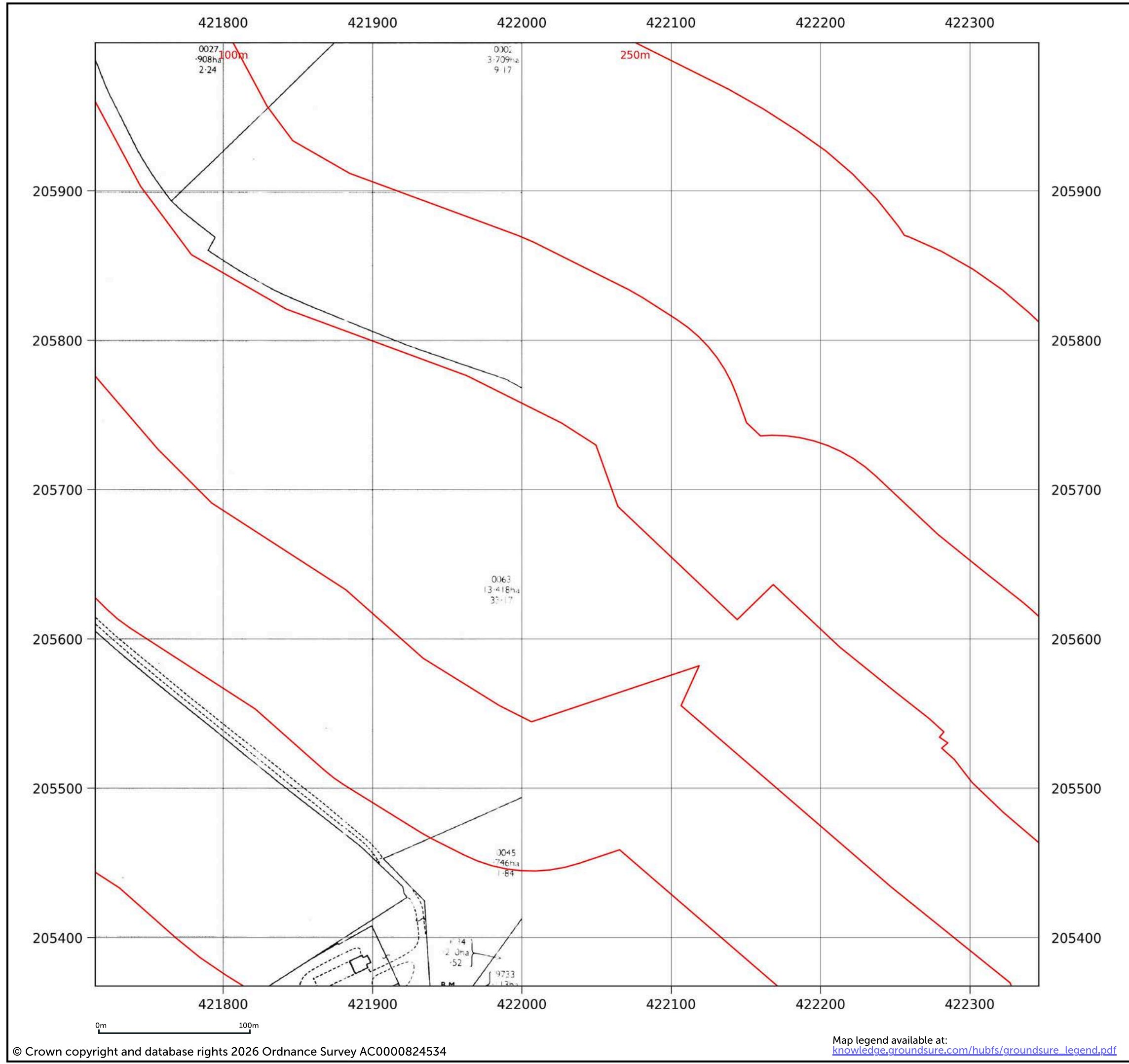
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Date: 1971



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

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422037.83, 205332.48

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13 May 2026

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National Grid

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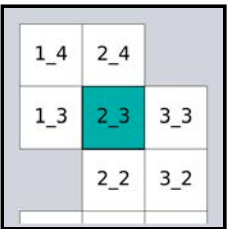
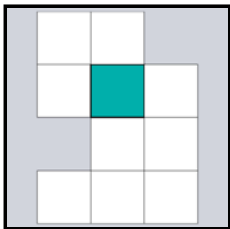
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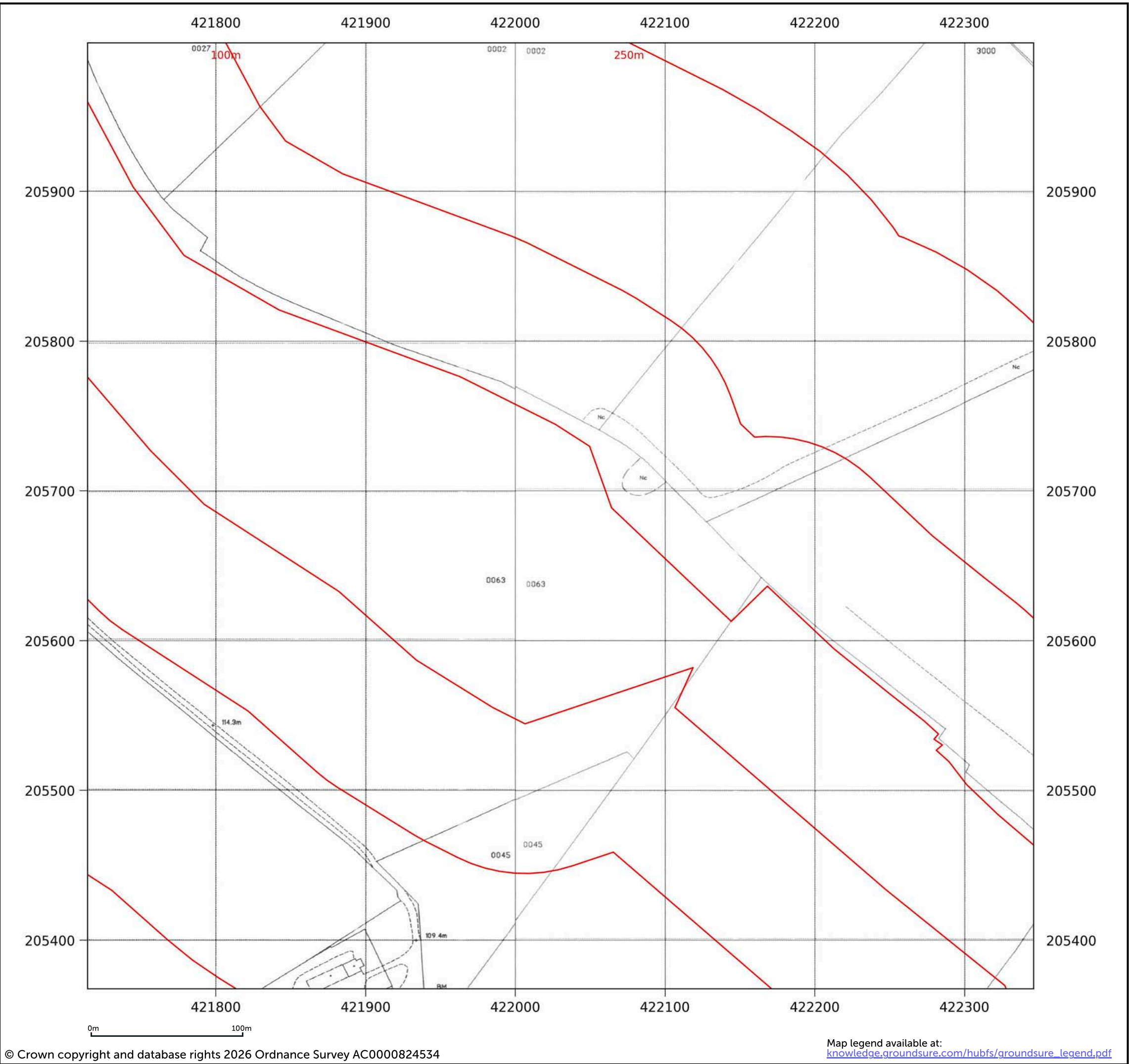


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Revised: 1994

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Surveyed: 1994
Revised: 1994



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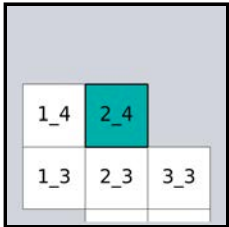
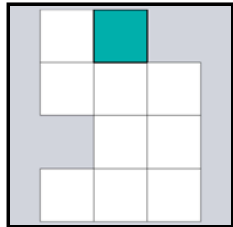


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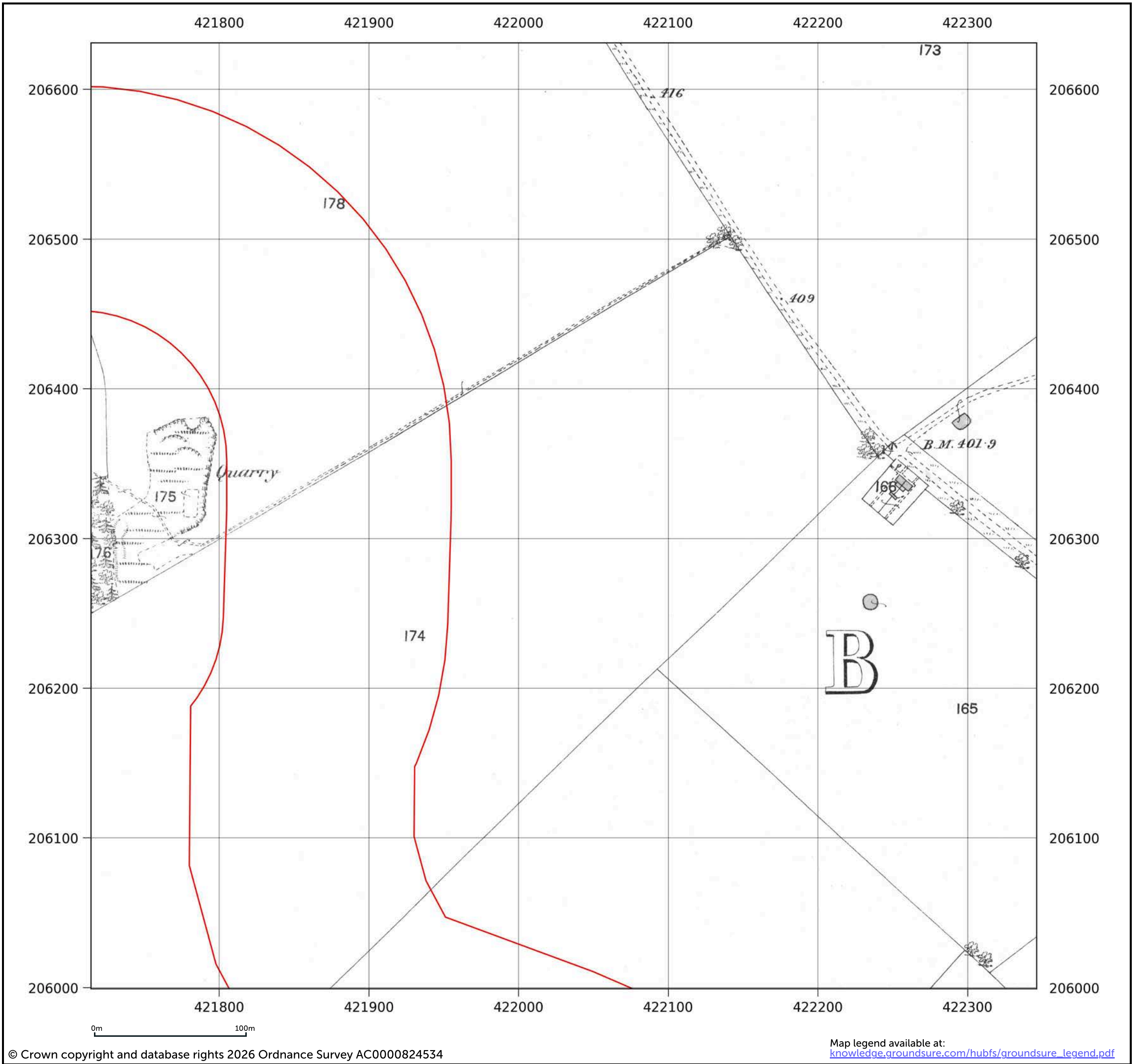
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Date: 1881
Surveyed: 1881
Revised: 1881



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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire energy park NW Site

P25099

GS-AAK-BU7-1CS-3W2

422037.83, 205332.48

13 May 2026

Map name:

Map date:

Scale:

Printed at:

County Series

1921

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1:2,500

Date: 1921

Surveyed: 1921

Revised: 1921

1_4

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1_3

2_3

3_3

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Map legend available at:
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LOCATION INTELLIGENCE

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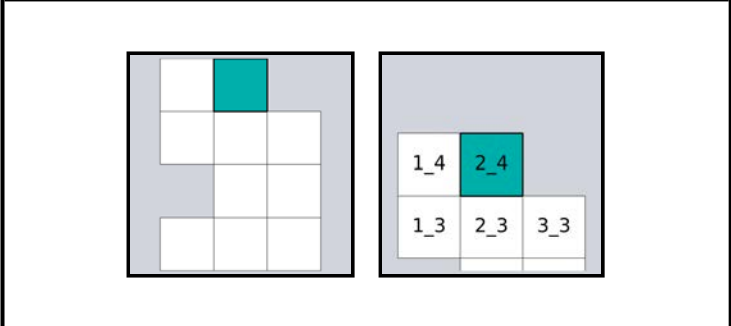
Licensed Data

Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
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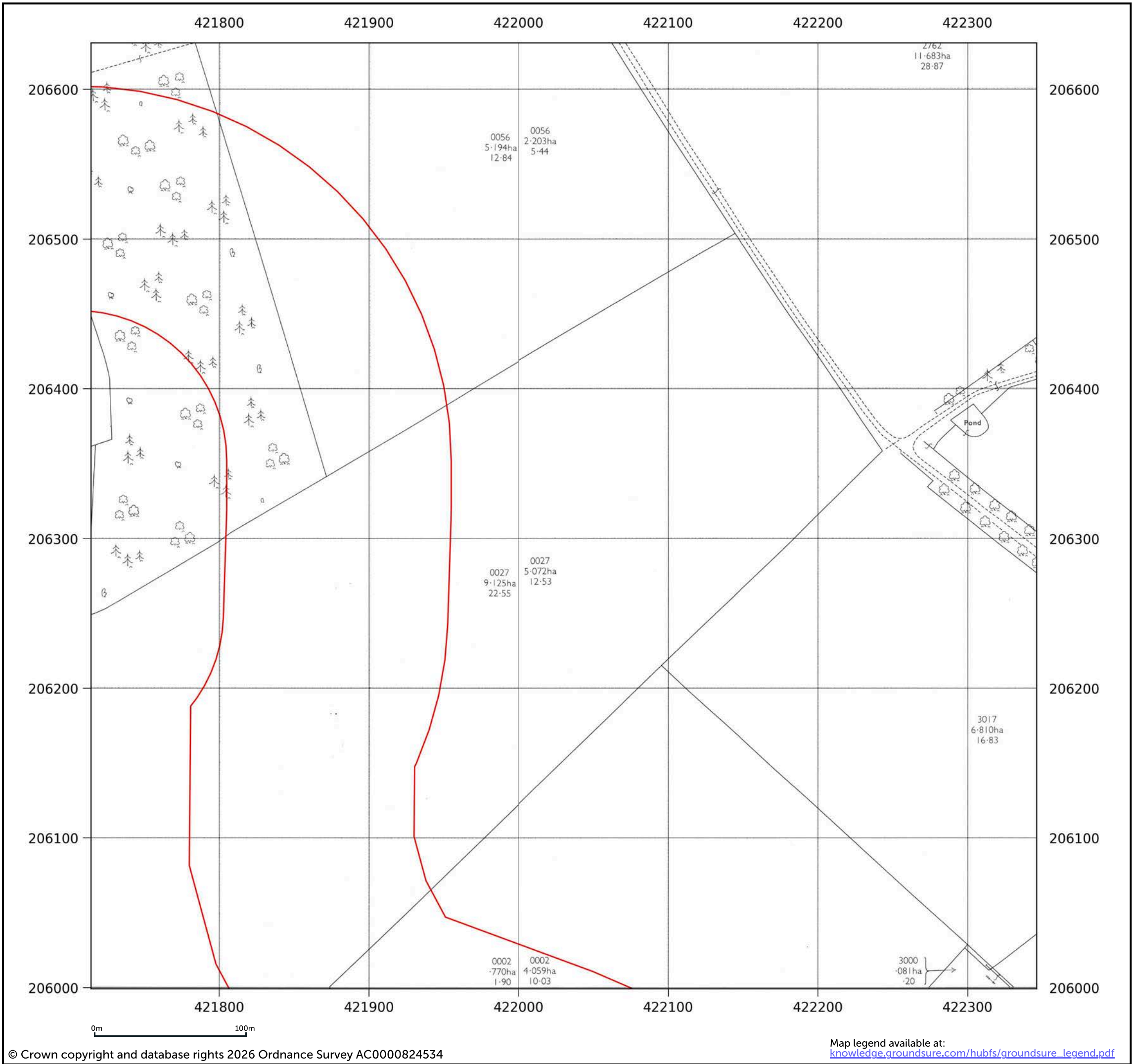
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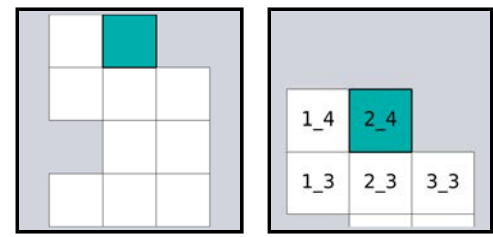
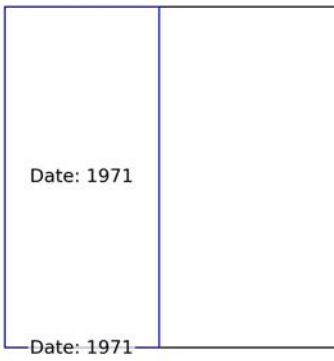


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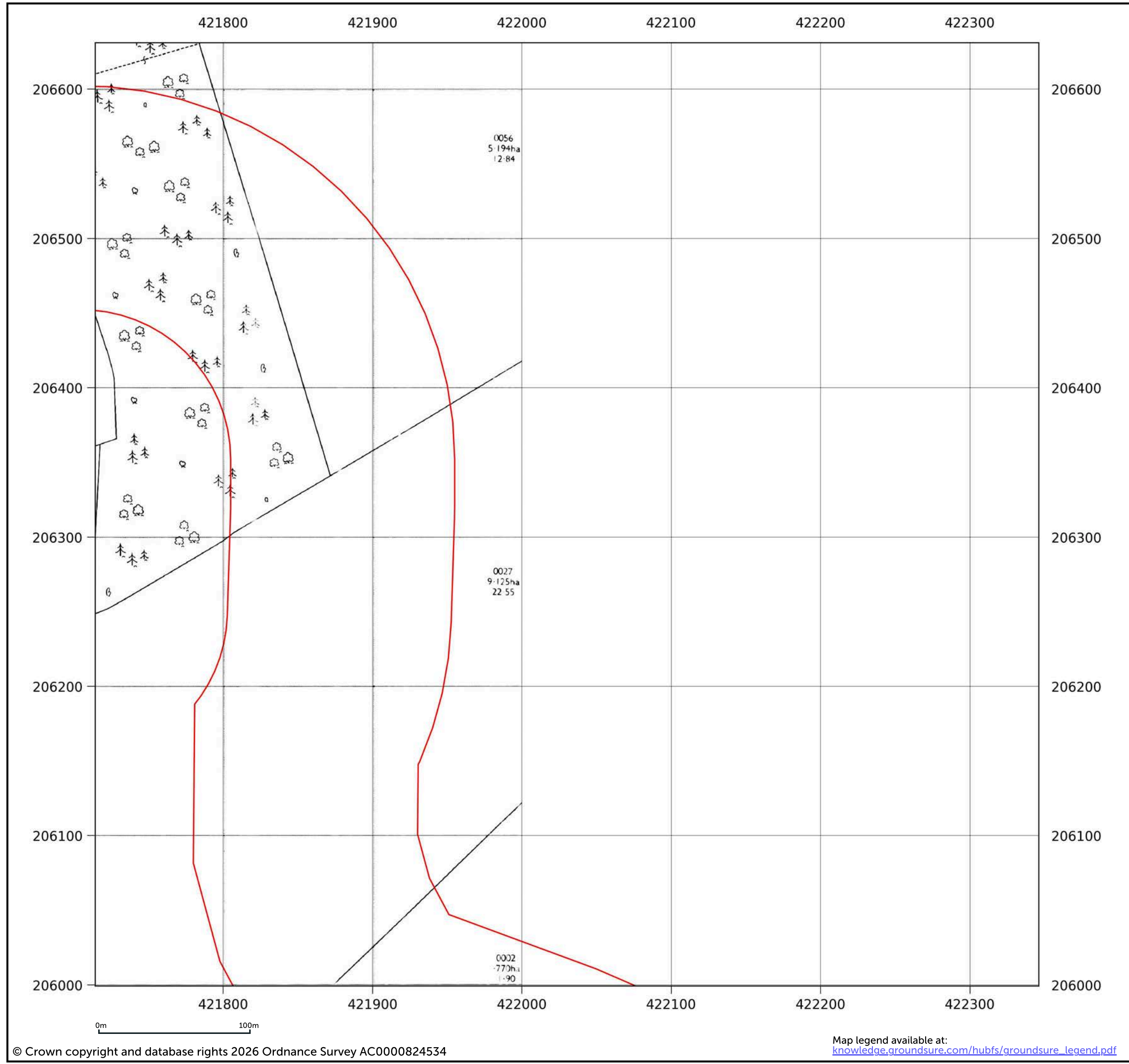


Site details: West Oxfordshire energy park NW Site
Client ref: P25099
Report ref: GS-AAK-BU7-1CS-3W2
Grid ref: 422037.83, 205332.48
Production date: 13 May 2026

Map name: National Grid
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Site details:	West Oxfordshire energy park NW Site
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Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	National Grid
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500

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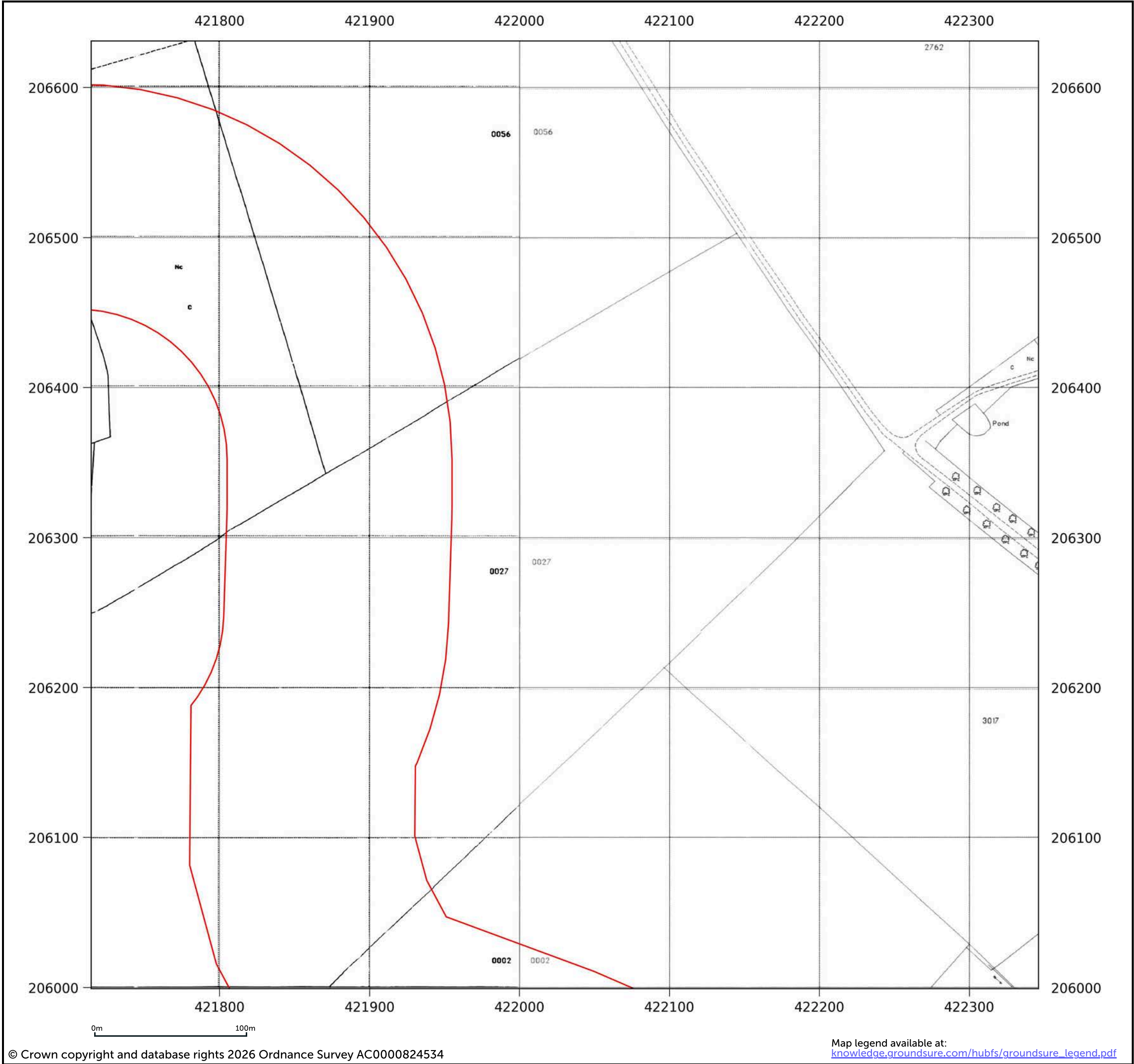
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Date: 1994 Copyright: 1994	Date: 1994 Surveyed: 1994 Revised: 1994
Date: 1994 Surveyed: 1994 Revised: 1994	Date: 1994 Surveyed: 1994 Revised: 1994

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1881

Scale:

1:2,500

Printed at:

1:2,500

Date: 1881

Surveyed: 1881

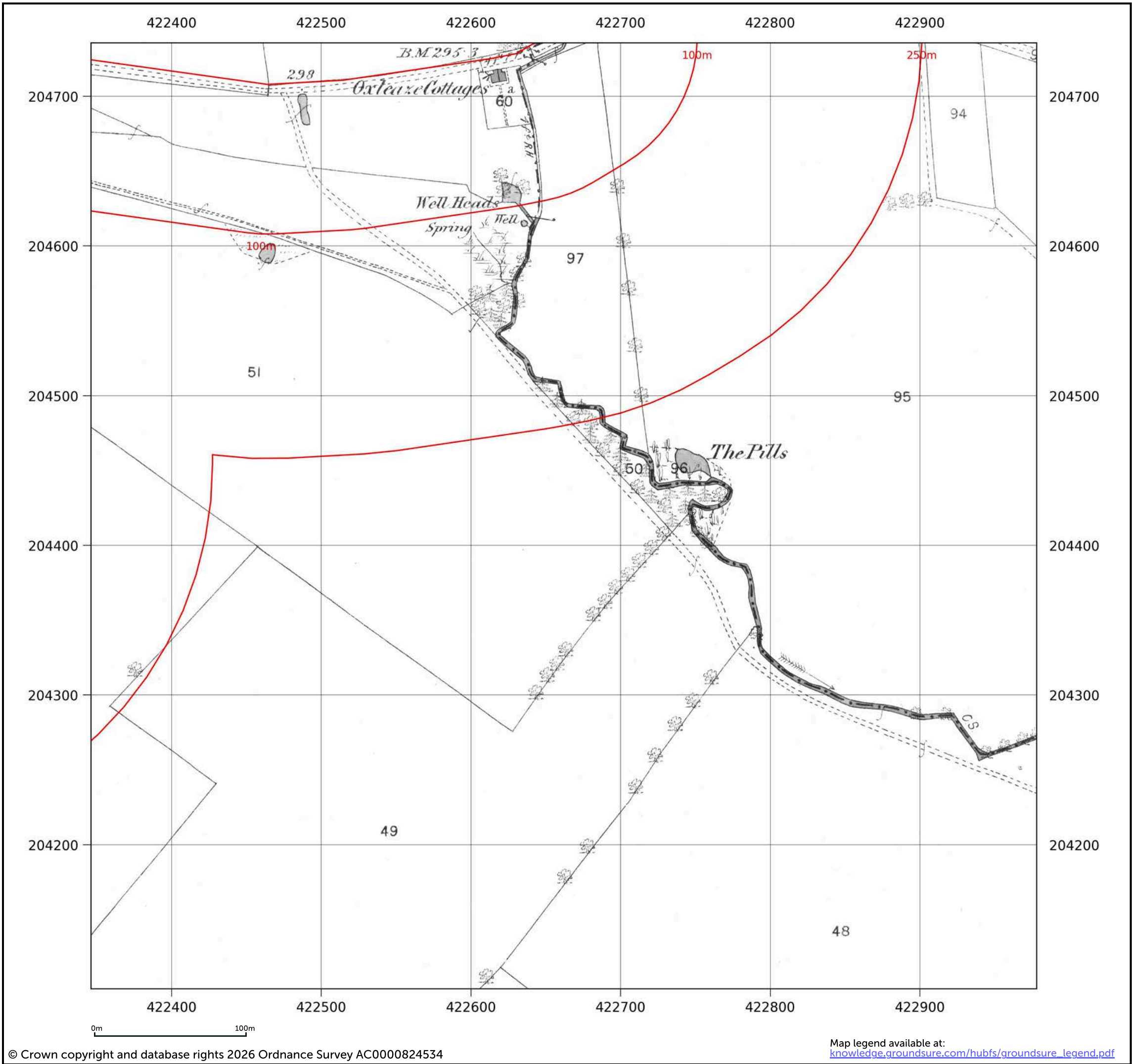
Revised: 1881

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3_2

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3_1



Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

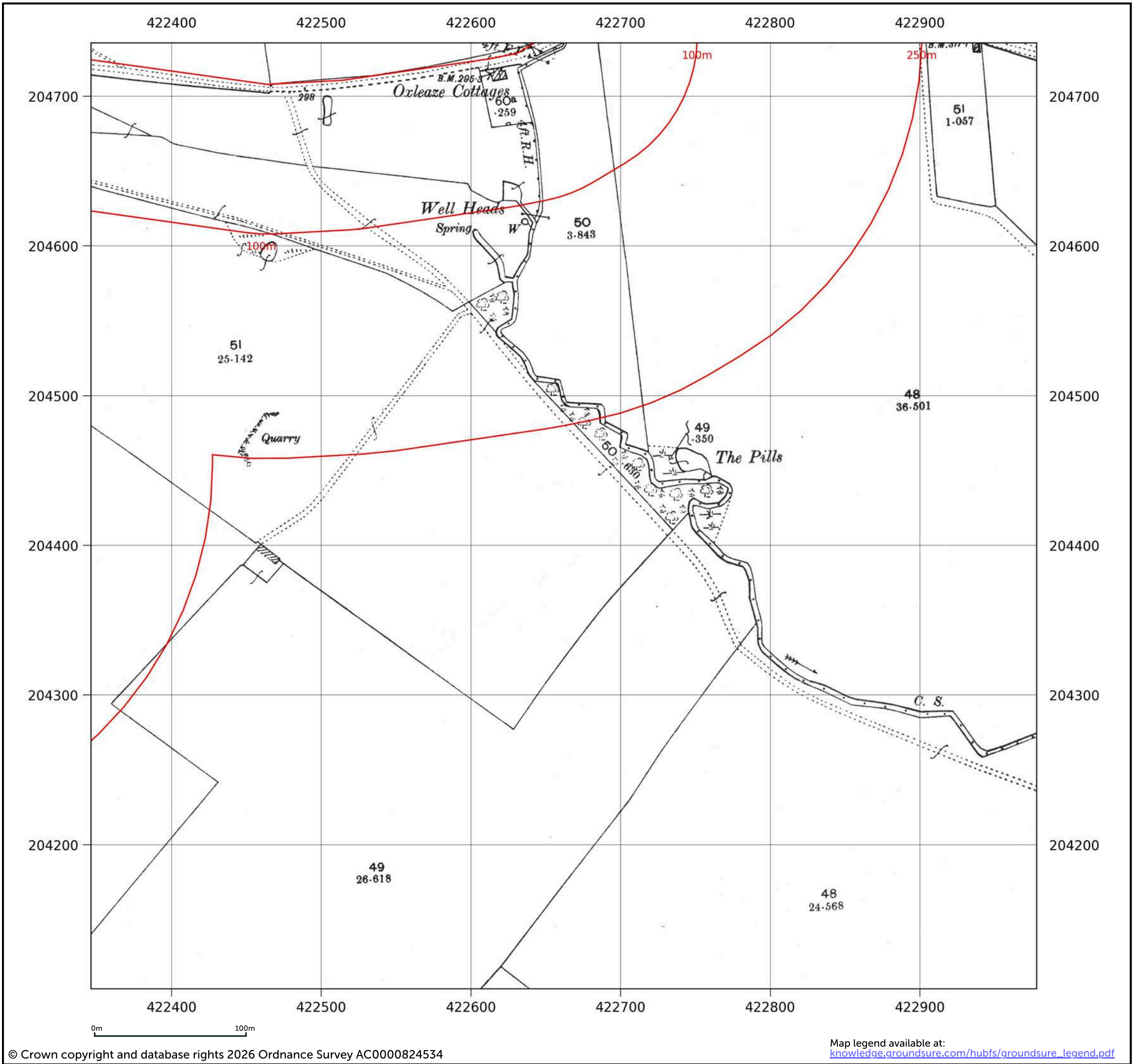
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Date: 1899 Surveyed: 1899 Revised: 1899

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Map name:

County Series

Map date:

1899

Scale:

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Printed at:

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Date: 1899

Surveyed: 1899

Revised: 1899

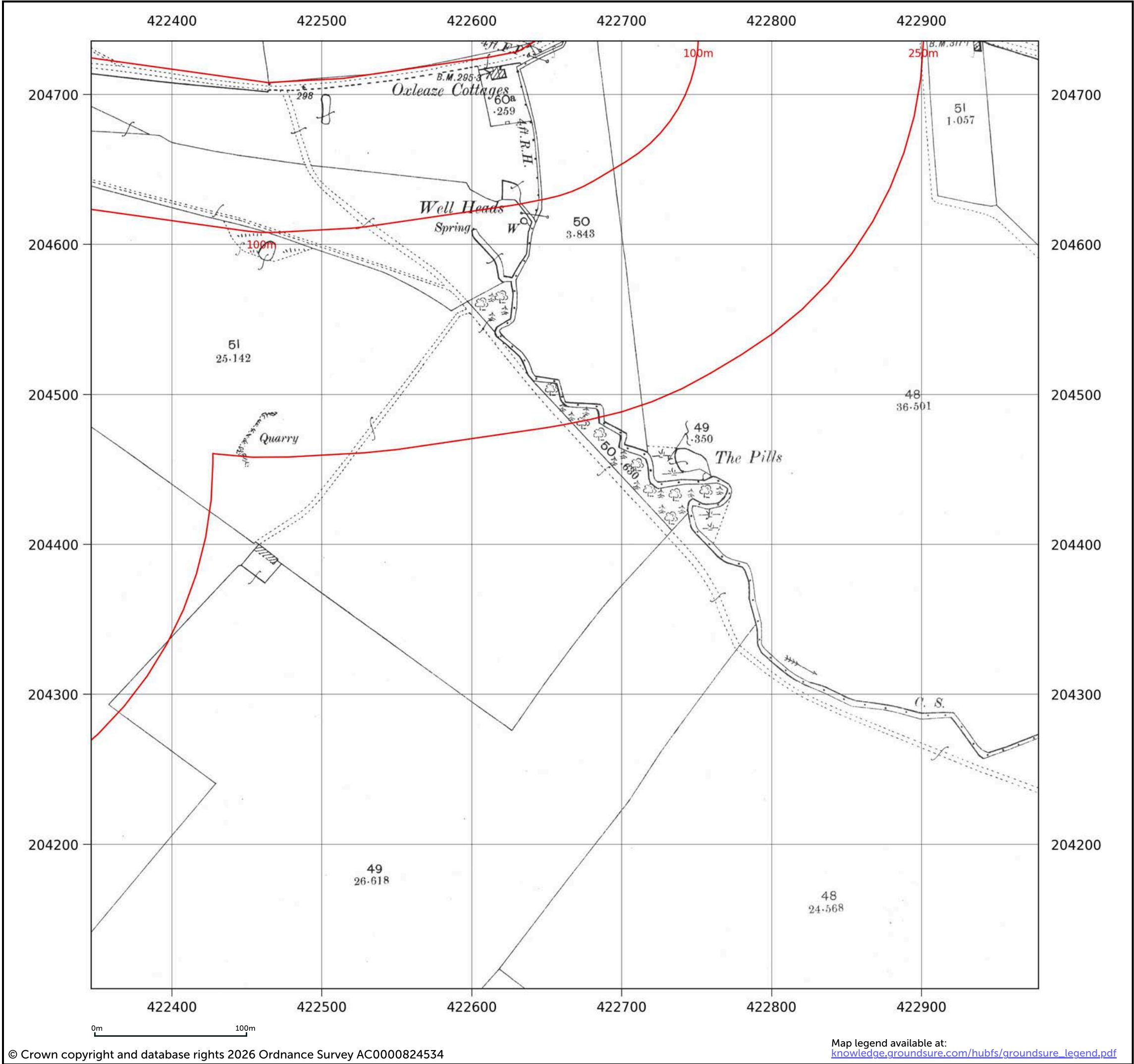
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3_2

2_1

3_1

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Site details:	West Oxfordshire energy park NW Site
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Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

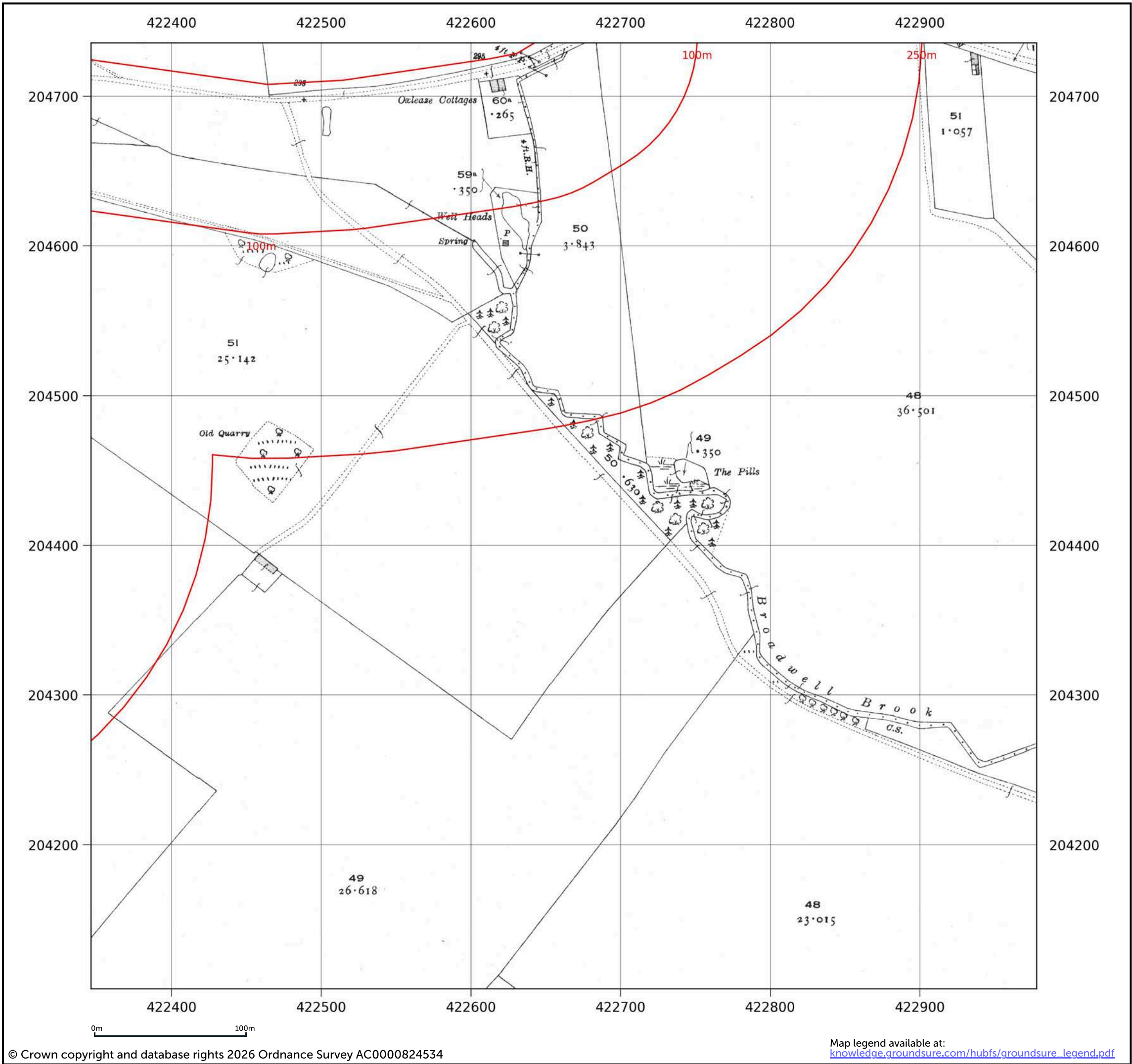
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Date: 1921 Surveyed: 1921 Revised: 1921

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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

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National Grid

Map date:

1972

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1:2,500

Printed at:

1:2,500

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Date: 1972

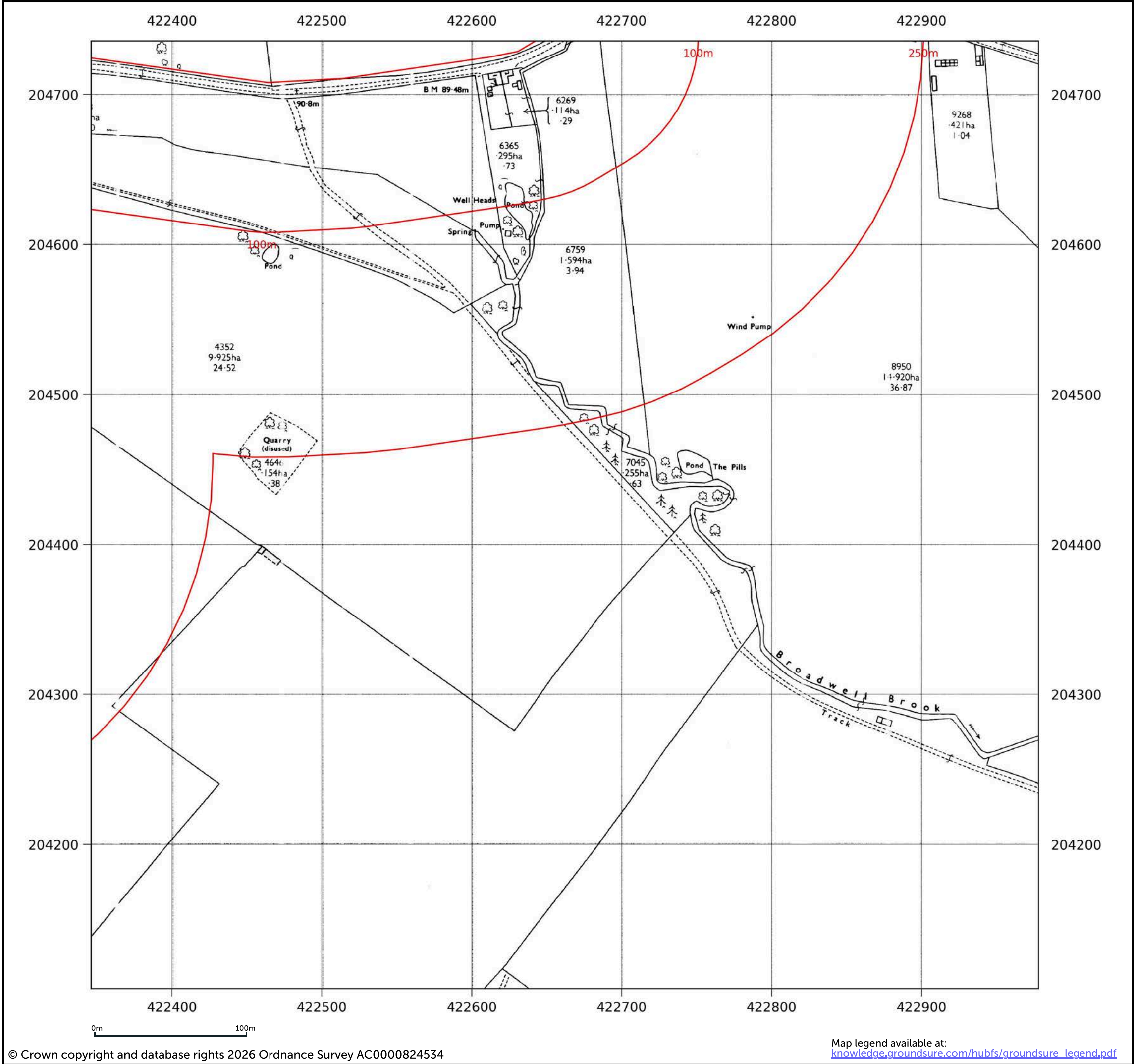
2_2

3_2

2_1

3_1

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Site details:

Client ref:

Report ref:

Grid ref:

Production date:

West Oxfordshire energy park NW Site

P25099

GS-AAK-BU7-1CS-3W2

422037.83, 205332.48

13 May 2026

Map name:

Map date:

Scale:

Printed at:

National Grid

1972

1:2,500

1:2,500

Date: 1972

Surveyed: 1970

Revised: 1970

Copyright: 1972

Levelled: 1963

2_2

3_2

2_1

3_1

This topographic map displays the West Oxfordshire energy park NW Site. The map is overlaid with a National Grid coordinate system, with Easting values from 422400 to 422900 and Northing values from 204200 to 204700. Key features include:

- Land Parcels:** Several numbered parcels are shown, including 4352 (9.925ha), 4646 (1.54ha, marked as a disused quarry), 6365 (2.95ha), 6759 (1.594ha), 7045 (2.55ha), 8950 (14.920ha), and 9268 (42.1ha).
- Infrastructure:** A road network is visible, including a track labeled 'Broadwell Brook' and a 'Wind Pump'.
- Water Features:** A 'Pond' and 'Pond The Pills' are marked, along with a 'Well Heads' and 'Spring'.
- Boundaries:** Red lines indicate specific boundaries or distances, with labels '100m' and '250m'.
- Scale:** A scale bar at the bottom left indicates a distance of 100m.

Map legend available at: knowledge.groundsure.com/hubfs/groundsure_legend.pdf

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LOCATION INTELLIGENCE

Ordnance Survey

Licensed Data

Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

1994

Scale:

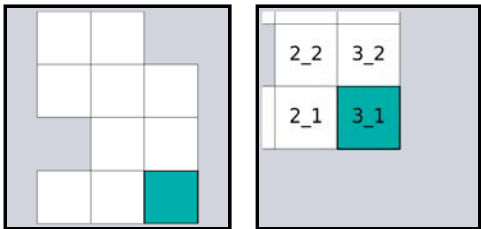
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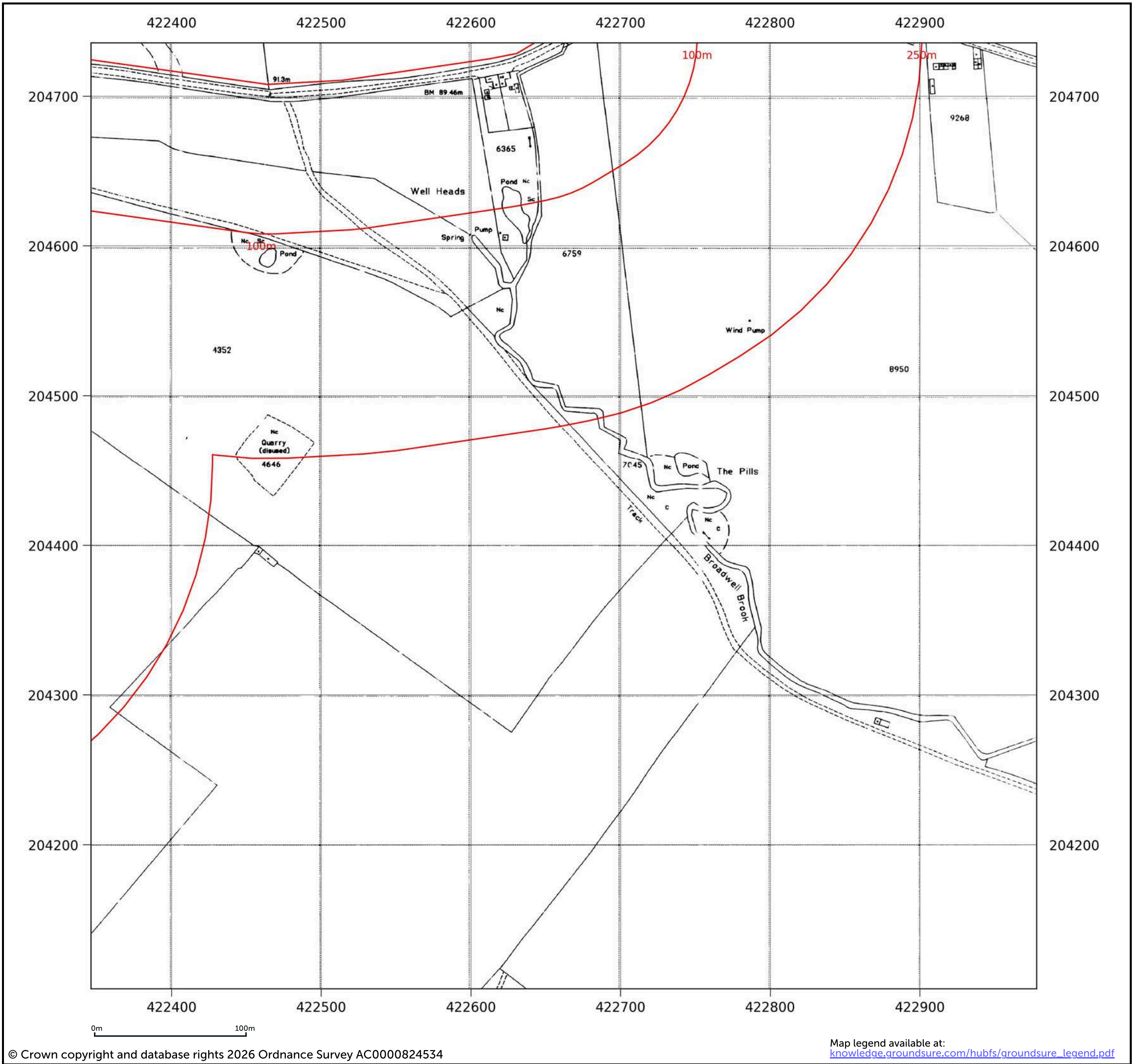
1:2,500



Date: 1994
Copyright: 1994



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Site details:	West Oxfordshire energy park NW Site
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Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

Map name:	County Series
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N

W

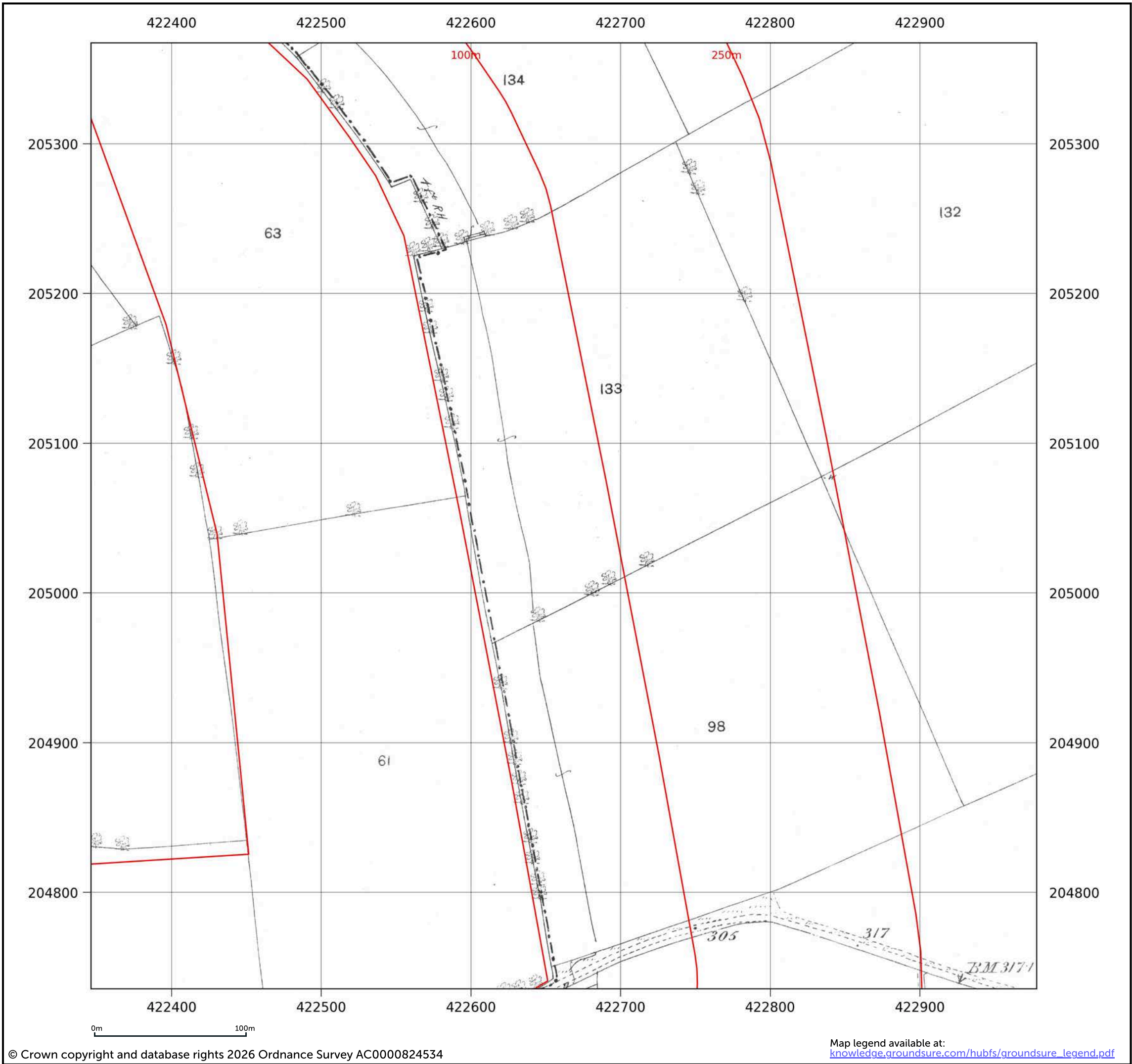
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S

Date: 1881 Surveyed: 1881 Revised: 1881

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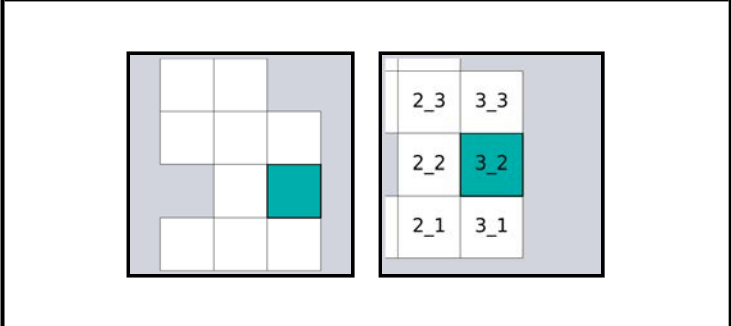


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

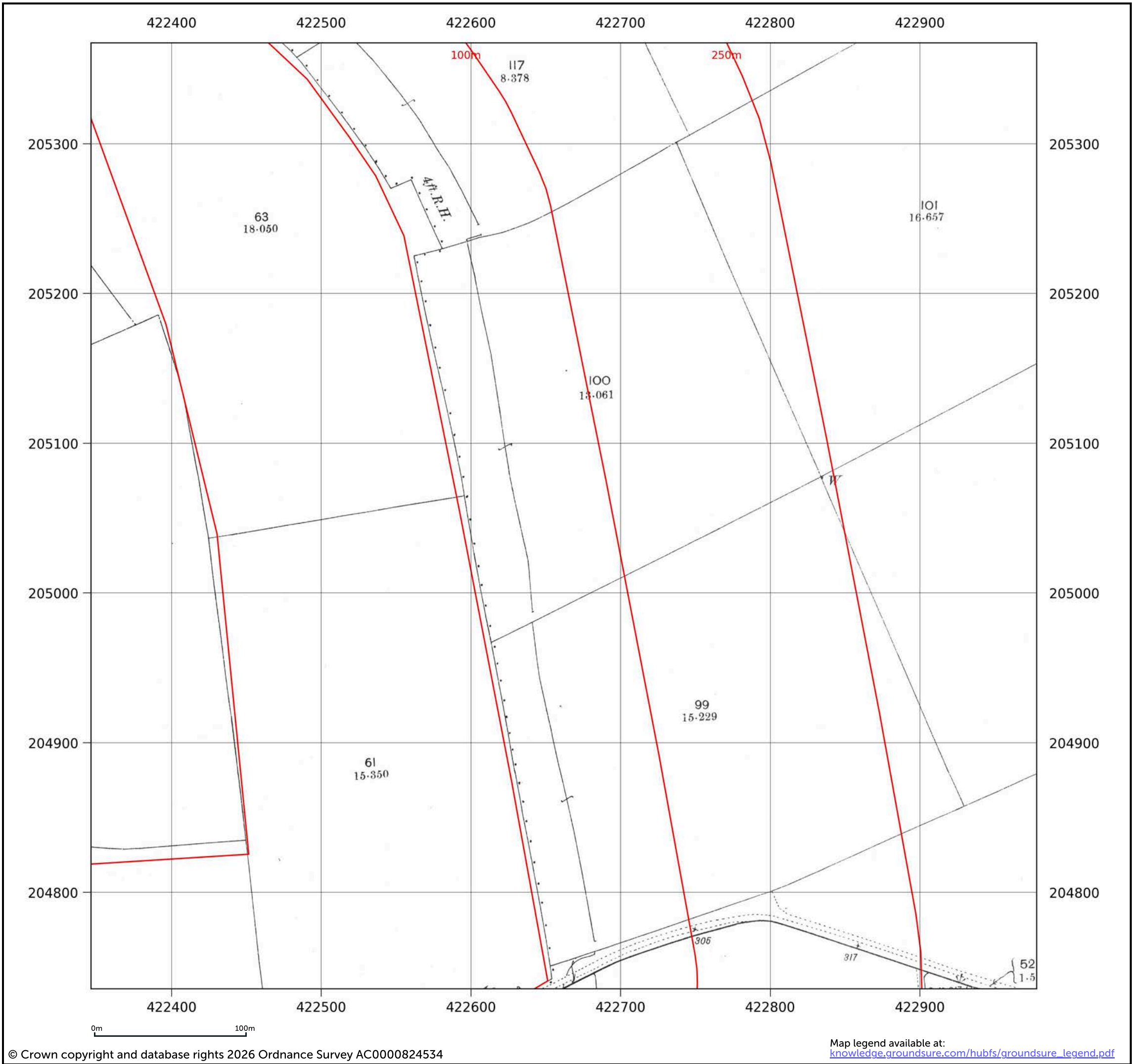
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Printed at:	1:2,500



Date: 1899 Surveyed: 1899 Revised: 1899



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Site details:

West Oxfordshire energy park NW Site

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P25099

Report ref:

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Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

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Map date:

1899

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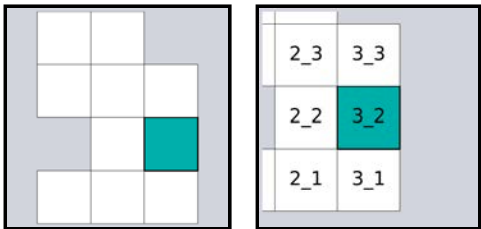
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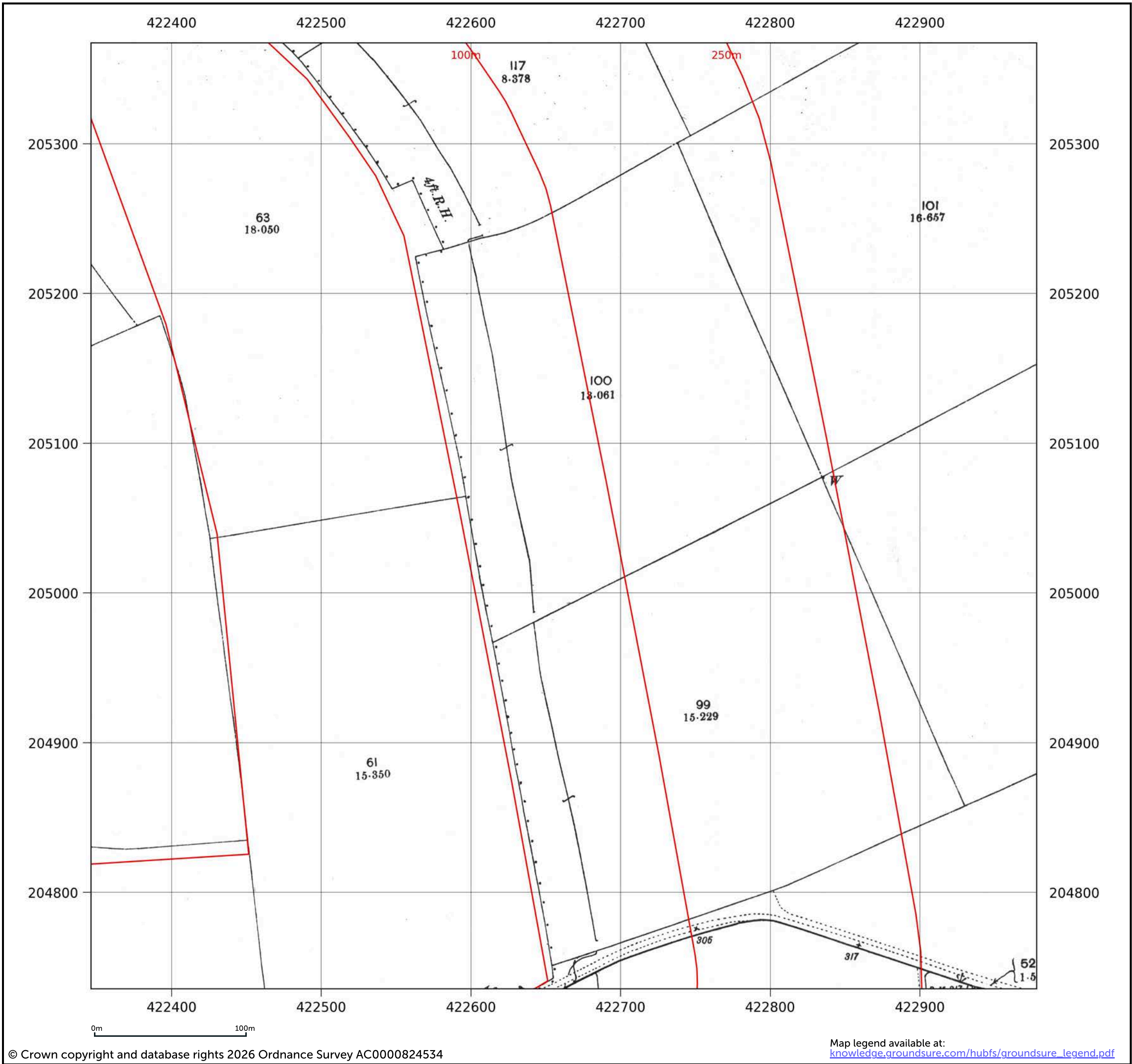
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Date: 1899
Surveyed: 1899
Revised: 1899



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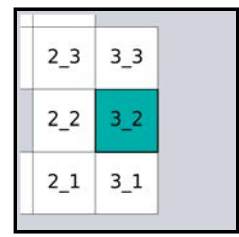
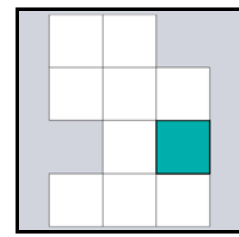


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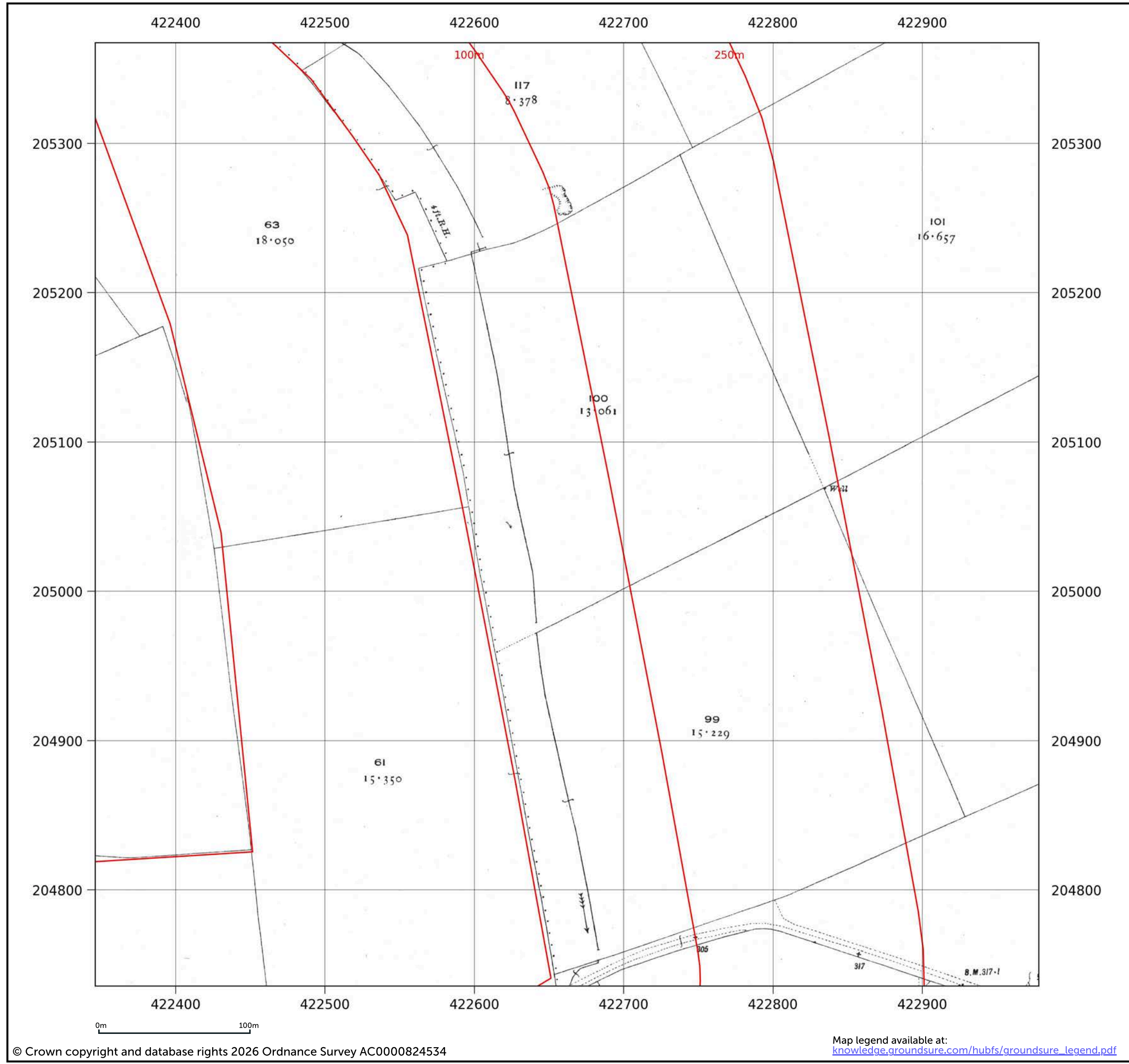
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Date: 1921
Surveyed: 1921
Revised: 1921



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

1971-1972

Scale:

1:2,500

Printed at:

1:2,500



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Surveyed: 1970

Revised: 1970

Copyright: 1971

Levelled: 1953

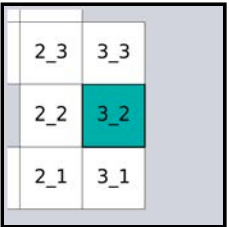
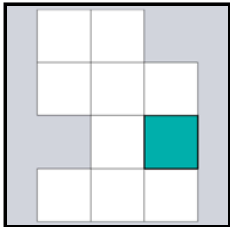
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Surveyed: 1970

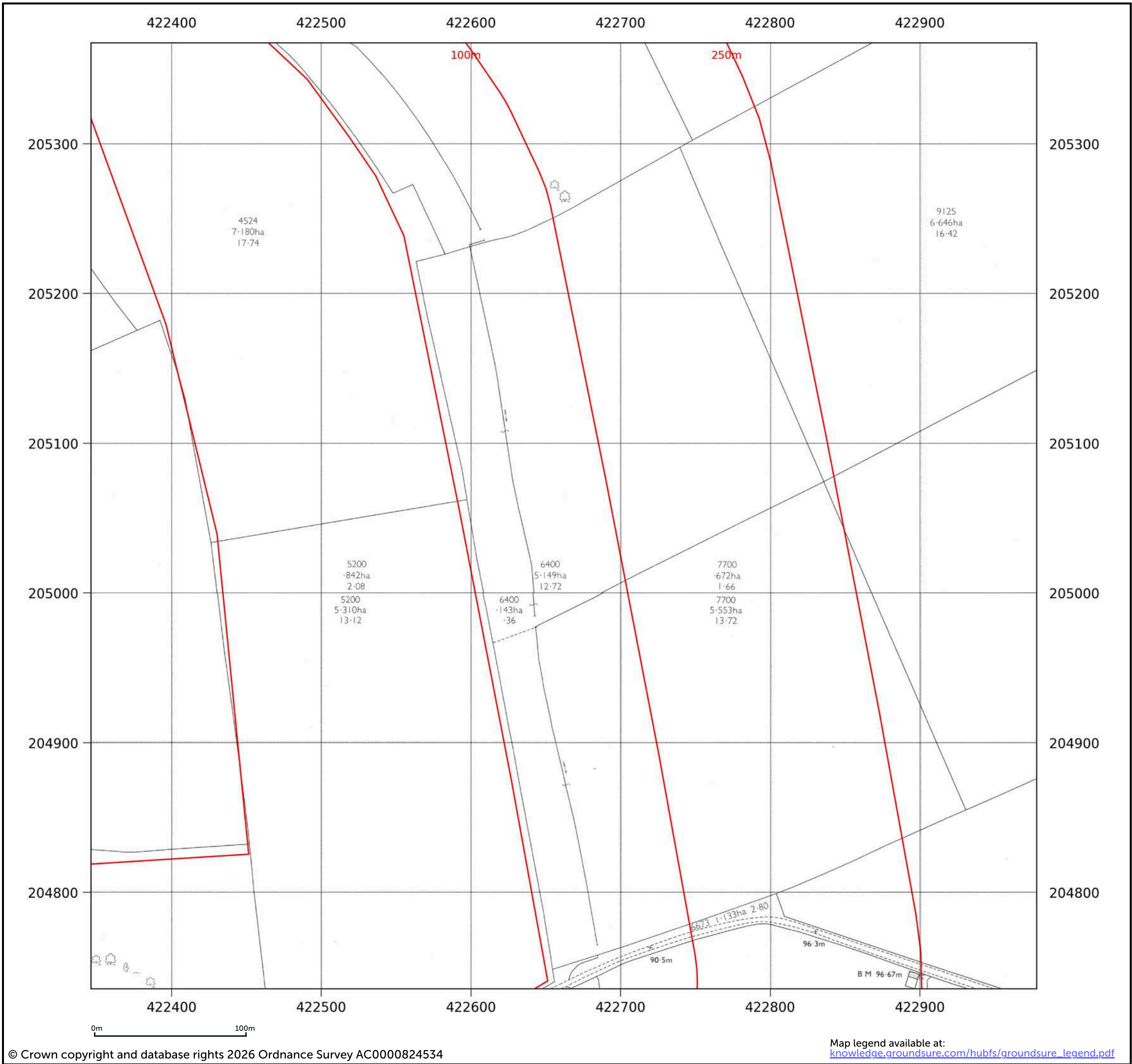
Revised: 1970

Copyright: 1972

Levelled: 1963



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Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

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422037.83, 205332.48

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13 May 2026

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Map date:

1972

Scale:

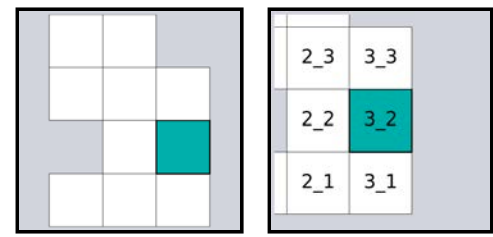
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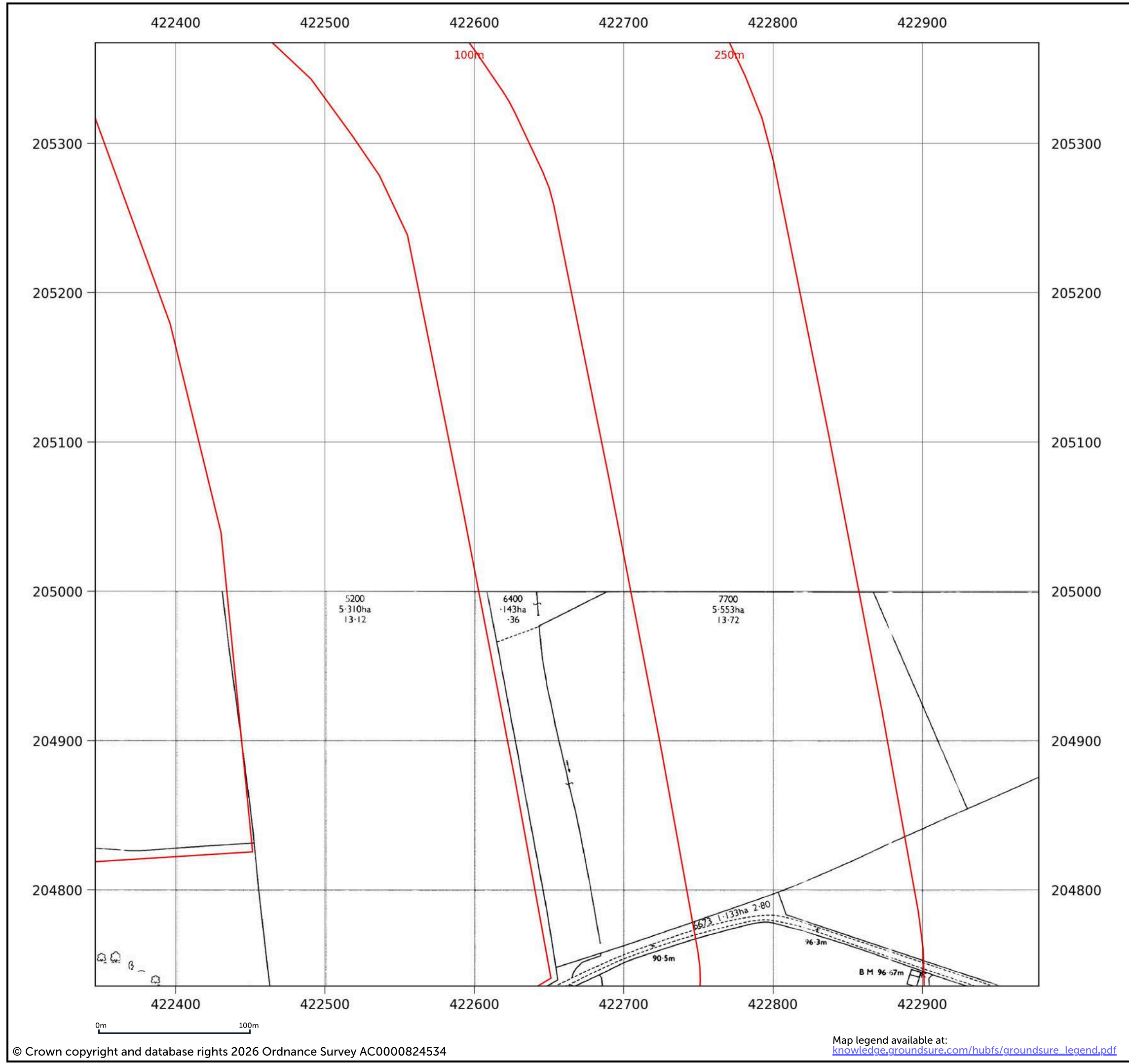
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Date: 1972



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Site details:

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P25099

Report ref:

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Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

National Grid

Map date:

1994

Scale:

1:2,500

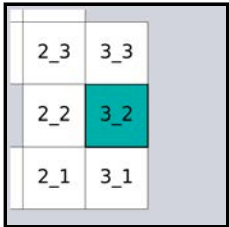
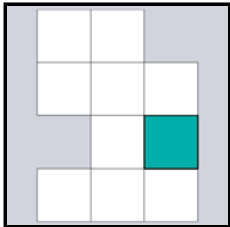
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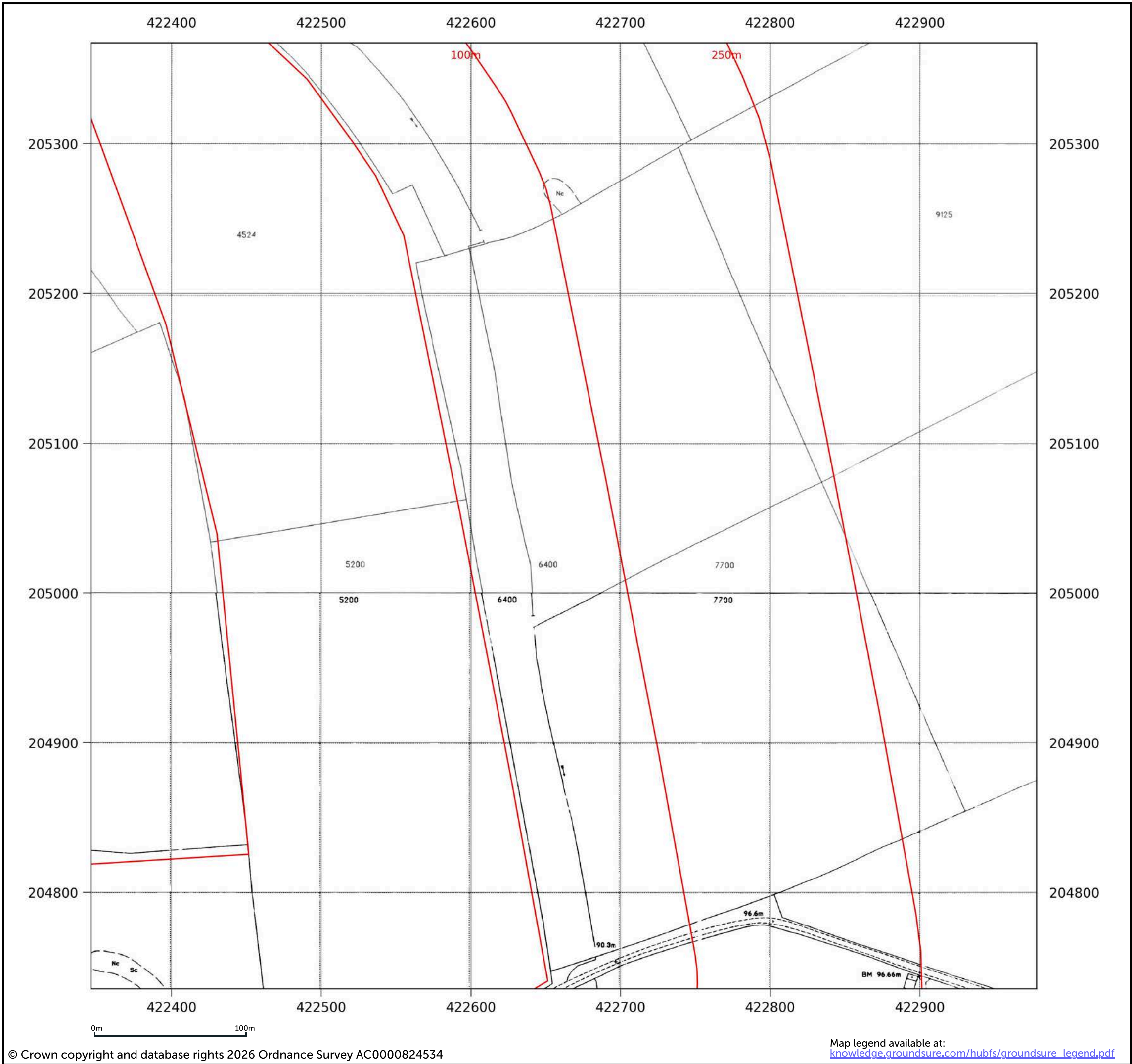


Date: 1994
Surveyed: 1994
Revised: 1994

Date: 1994
Copyright: 1994



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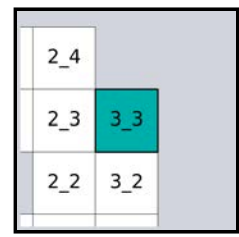
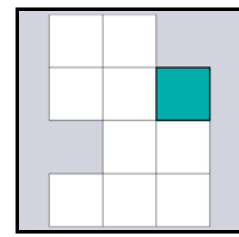


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Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

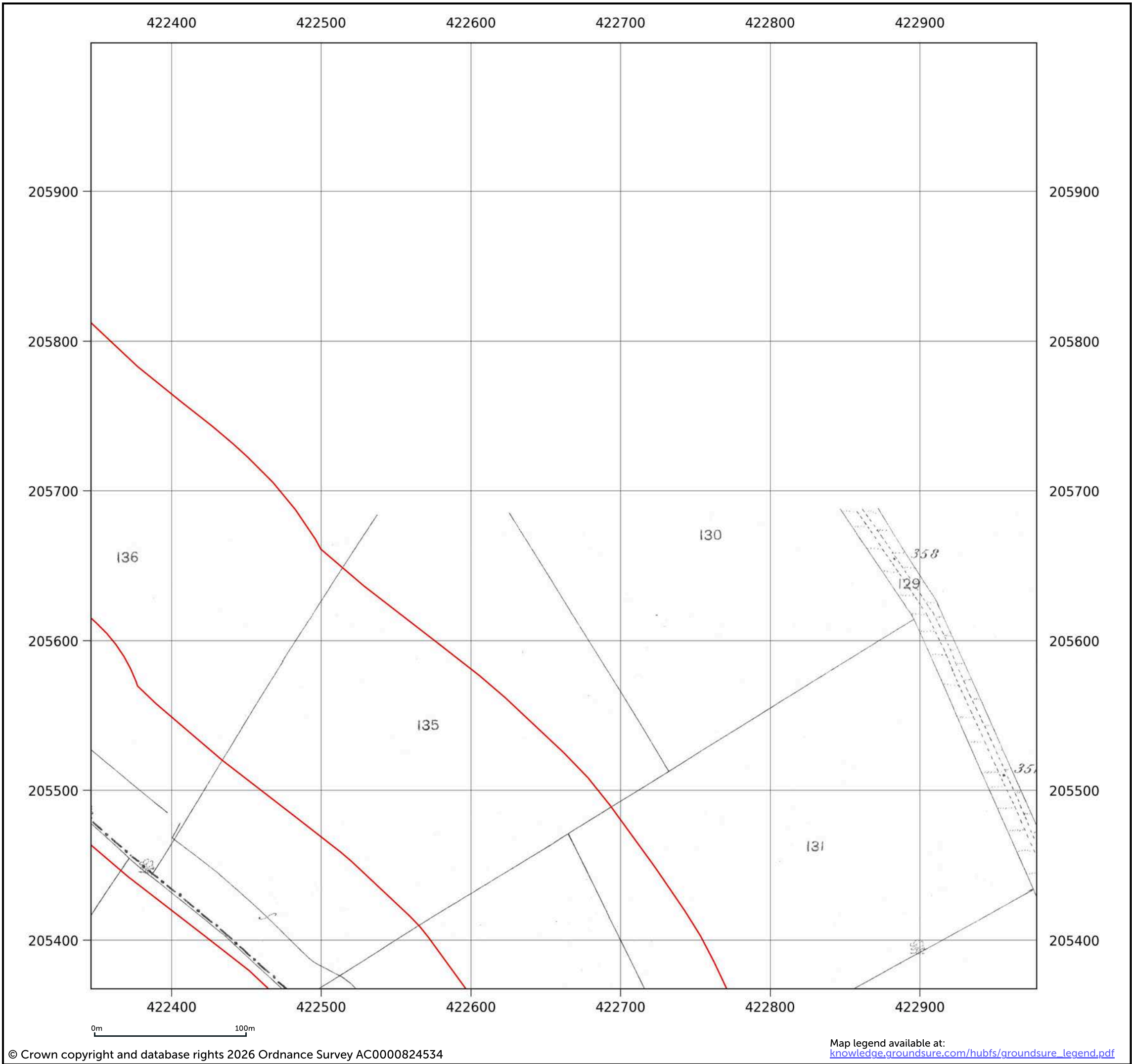
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Scale:	1:2,500
Printed at:	1:2,500



Date: 1881
Surveyed: 1881
Revised: 1881



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Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

Map name:

County Series

Map date:

1899

Scale:

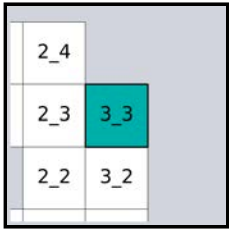
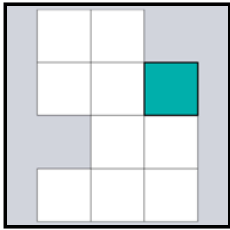
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Printed at:

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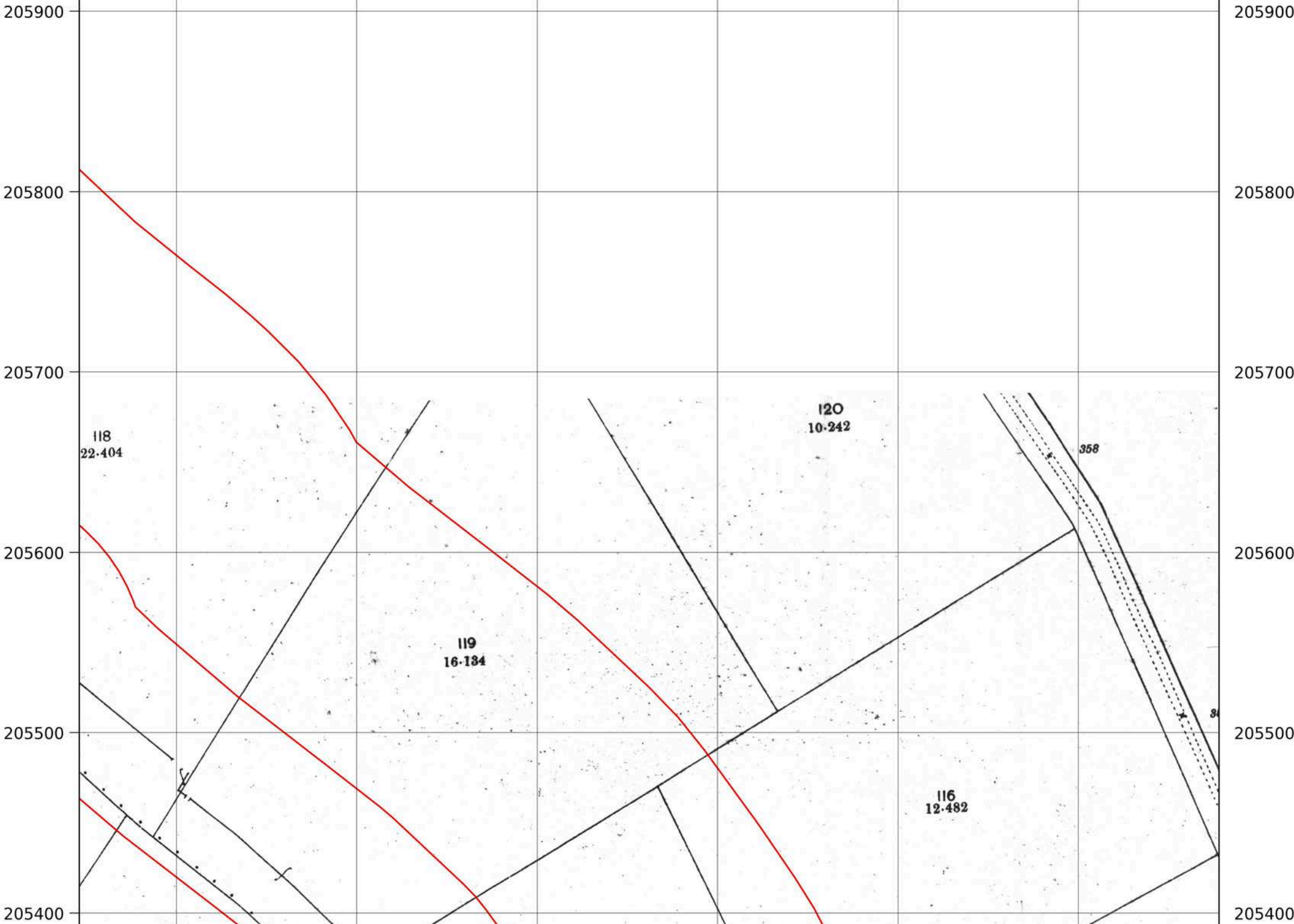


Date: 1899
Surveyed: 1899
Revised: 1899



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422400 422500 422600 422700 422800 422900



Site details:

West Oxfordshire energy park NW Site

Client ref:

P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

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Map date:

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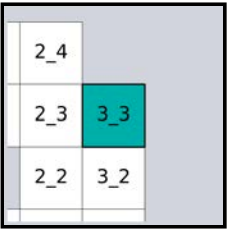
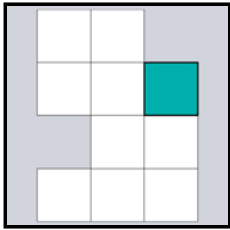
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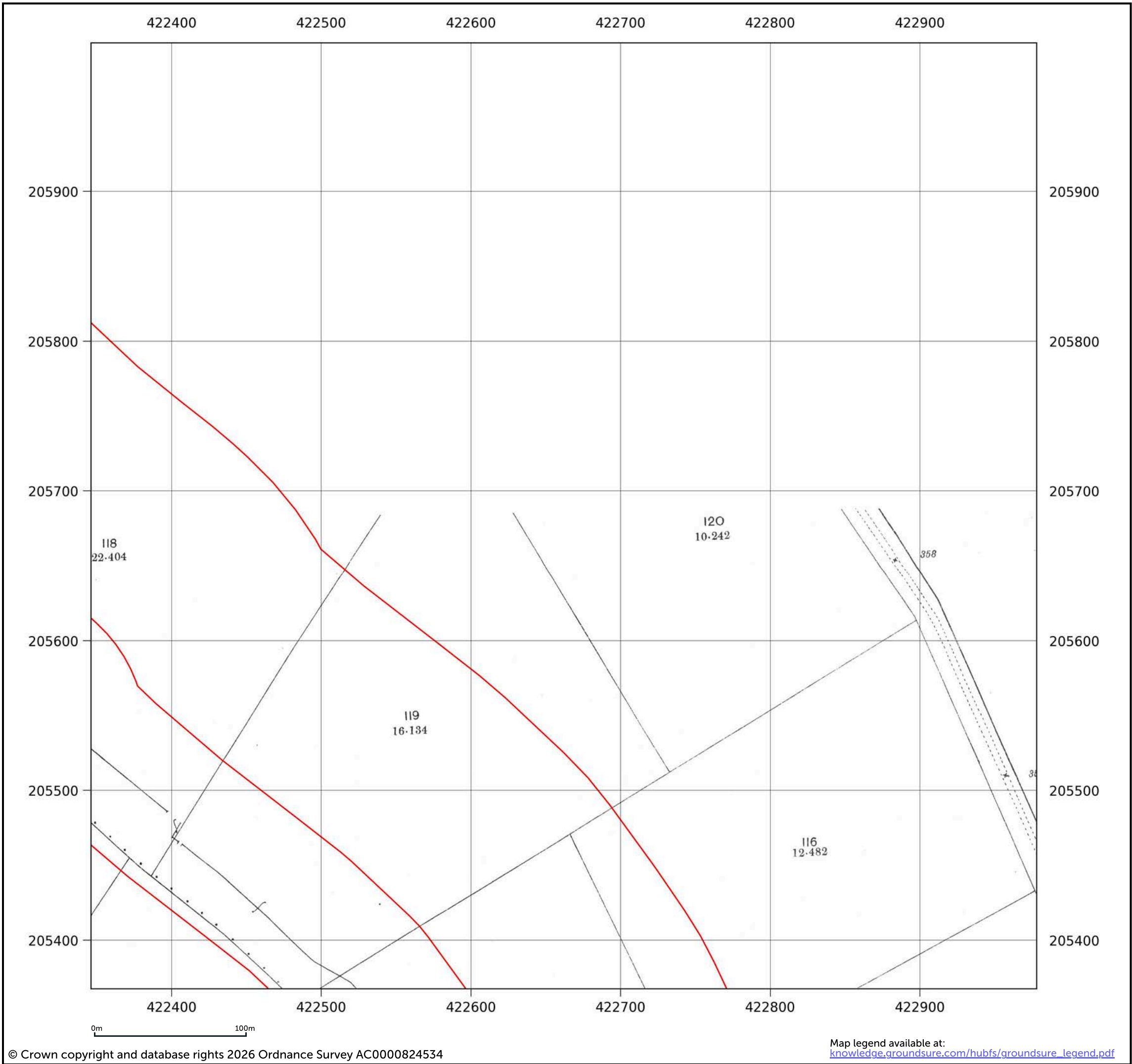
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Date: 1899
Surveyed: 1899
Revised: 1899



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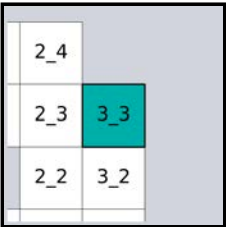
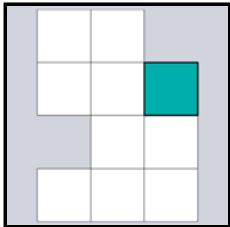


Site details:	West Oxfordshire energy park NW Site
Client ref:	P25099
Report ref:	GS-AAK-BU7-1CS-3W2
Grid ref:	422037.83, 205332.48
Production date:	13 May 2026

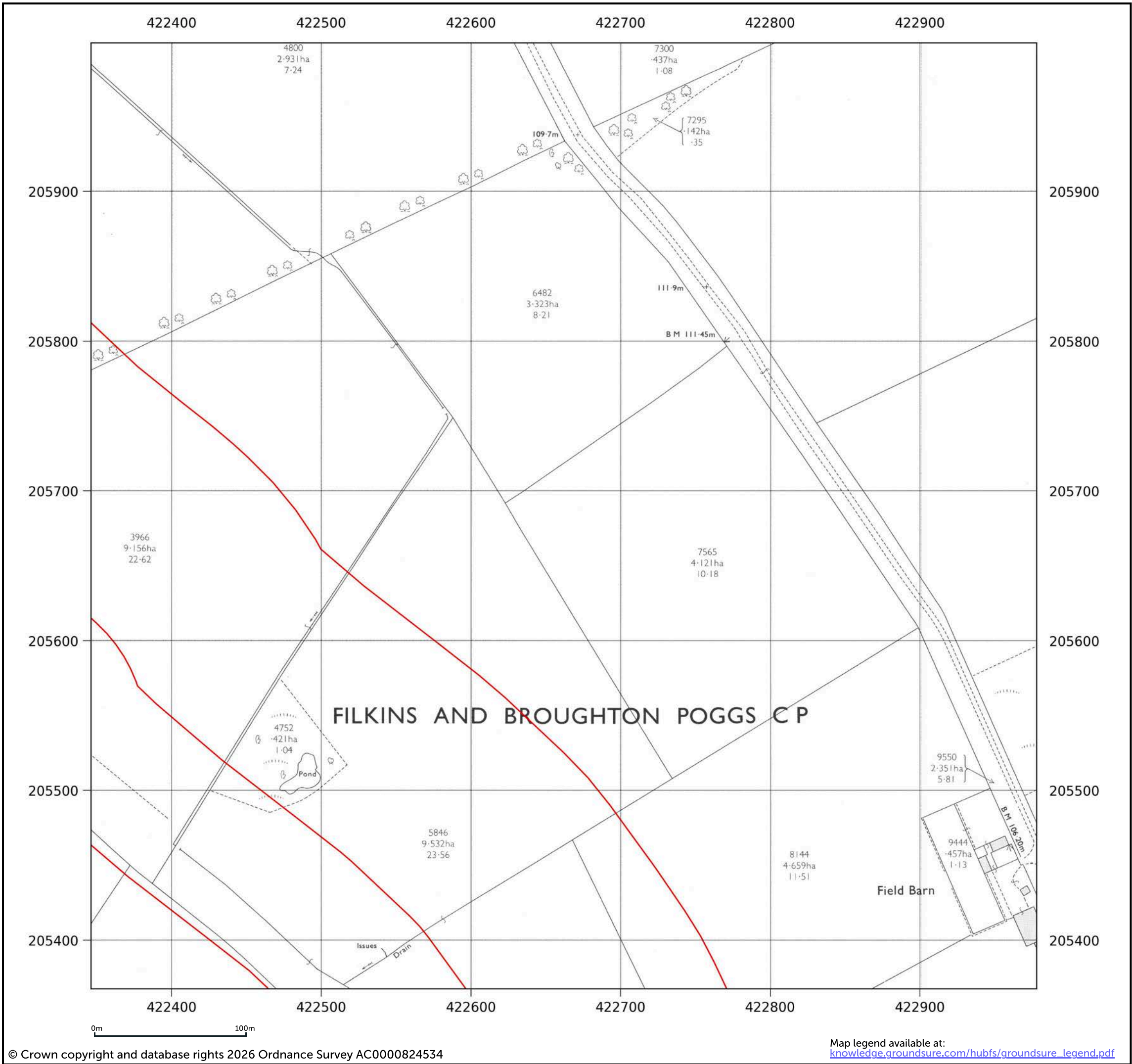
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Printed at:	1:2,500



Date: 1971
Surveyed: 1970
Revised: 1970
Copyright: 1971
Levelled: 1953



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Site details:

West Oxfordshire energy park NW Site

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P25099

Report ref:

GS-AAK-BU7-1CS-3W2

Grid ref:

422037.83, 205332.48

Production date:

13 May 2026

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Printed at:

1:2,500

Date: 1994
Surveyed: 1994
Revised: 1994

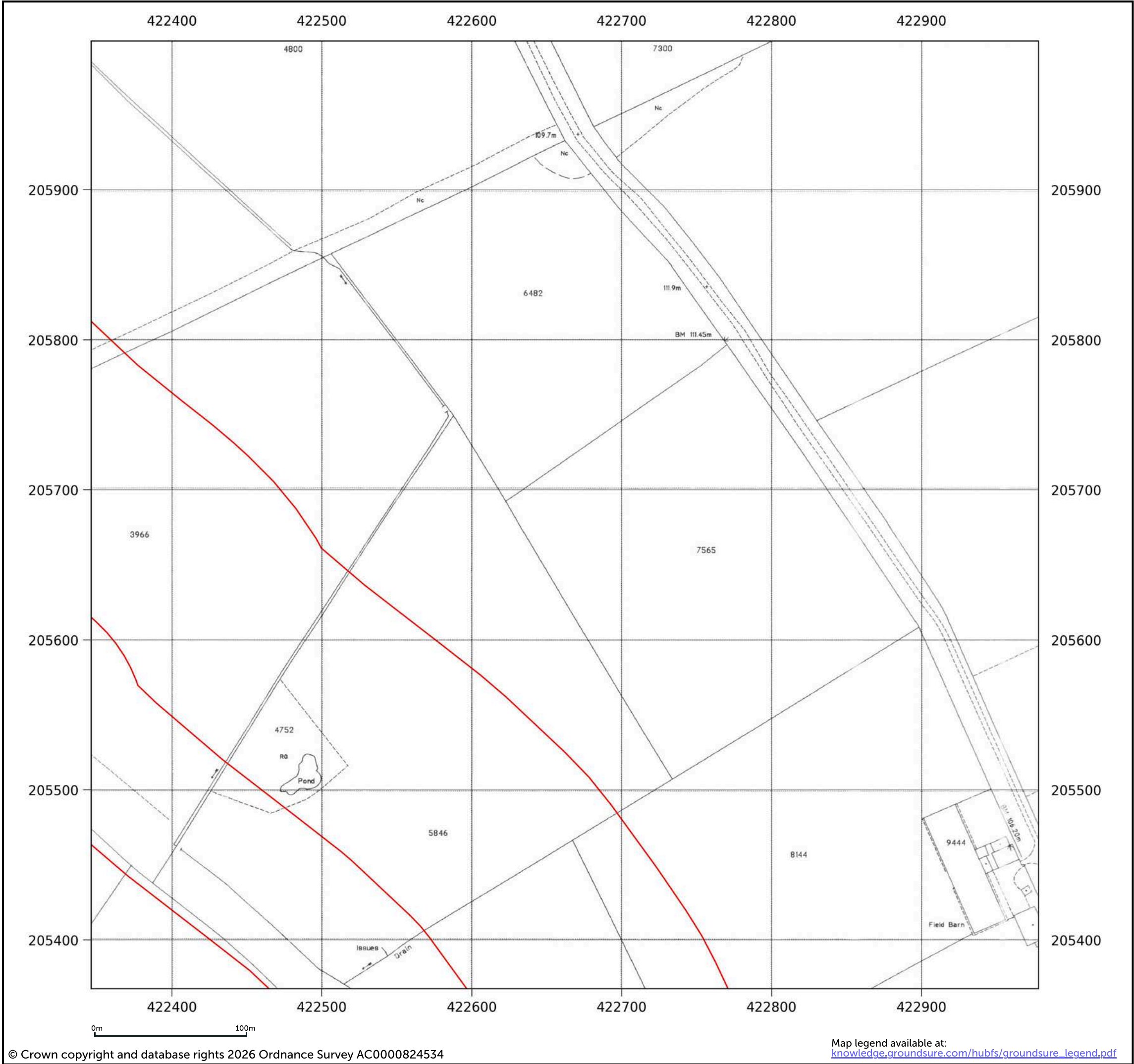
2_4

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3_3

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Appendix E Ciria 552 Risk Matrix



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CONSULTING

Risk classification methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

Classification	Definition
High Likelihood	There is a contaminant linkage and an event that appears either very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
Likely	There is a contaminant linkage and all the elements are present and in the right place, which means that it is probably that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term, and likely over the long term.
Low Likelihood	There is a contaminant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is contaminant linkage but circumstances are such that it is improbable that an event would occur even in the long term.

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive. buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works.
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve.	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

Probability (likelihood)		Consequence (severity)			
		<i>Severe</i>	<i>Medium</i>	<i>Mild</i>	<i>Minor</i>
	<i>High likelihood</i>	Very high risk	High risk	Moderate risk	Low risk
	<i>Likely</i>	High risk	Moderate risk	Moderate/low risk	Low risk
	<i>Low likelihood</i>	Moderate risk	Moderate/low risk	Low risk	Very low risk
	<i>Unlikely</i>	Moderate/low risk	Low risk	Very low risk	Very low risk