

**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_1  
**Grid Ref:** 446791, 211464

**Map Name:** National Grid

**Map date:** 1972

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1972  
 Revised 1972  
 Edition N/A  
 Copyright 1974  
 Levelled 1971

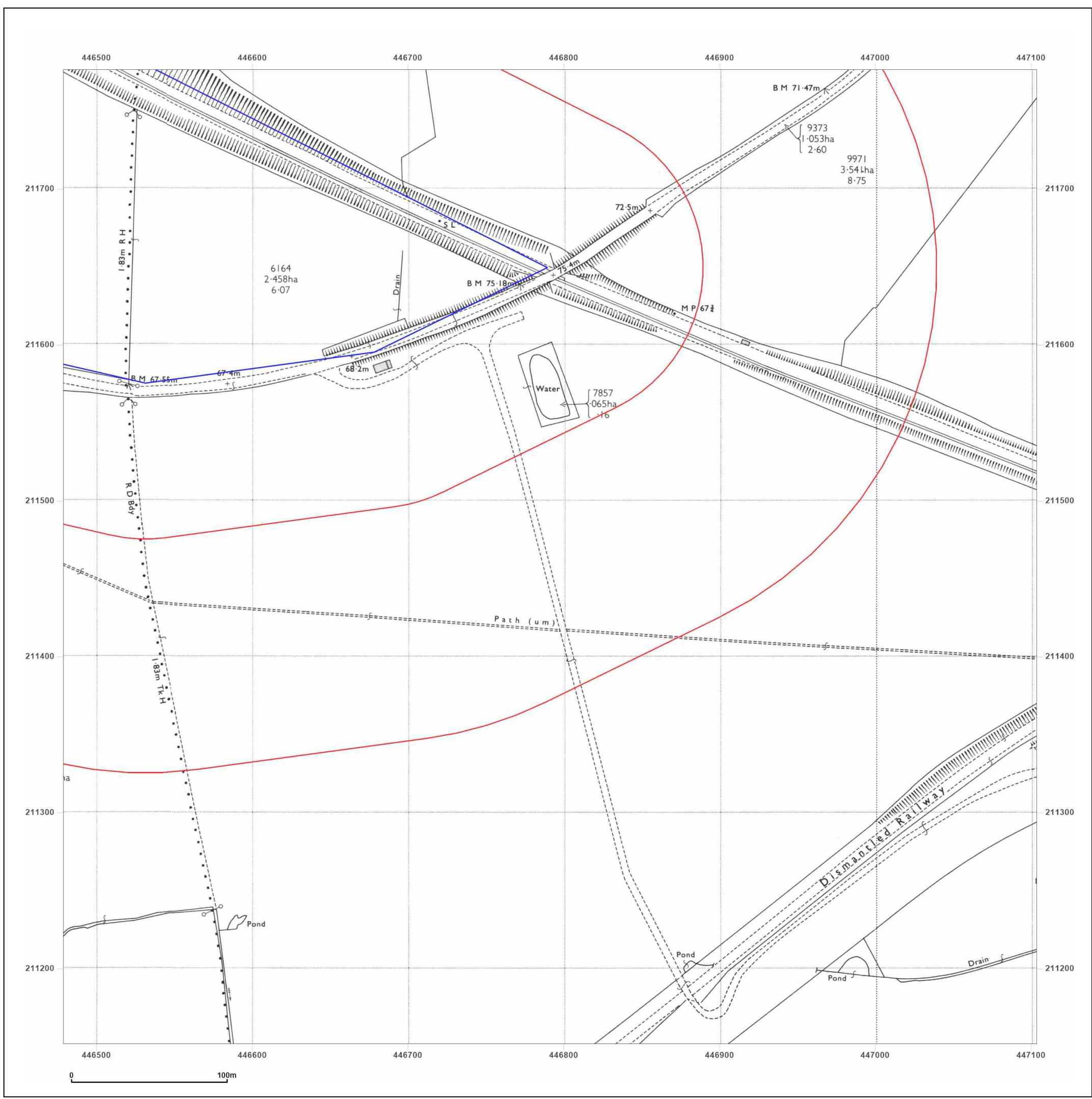


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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_1  
**Grid Ref:** 446791, 211464

**Map Name:** National Grid

**Map date:** 1974

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

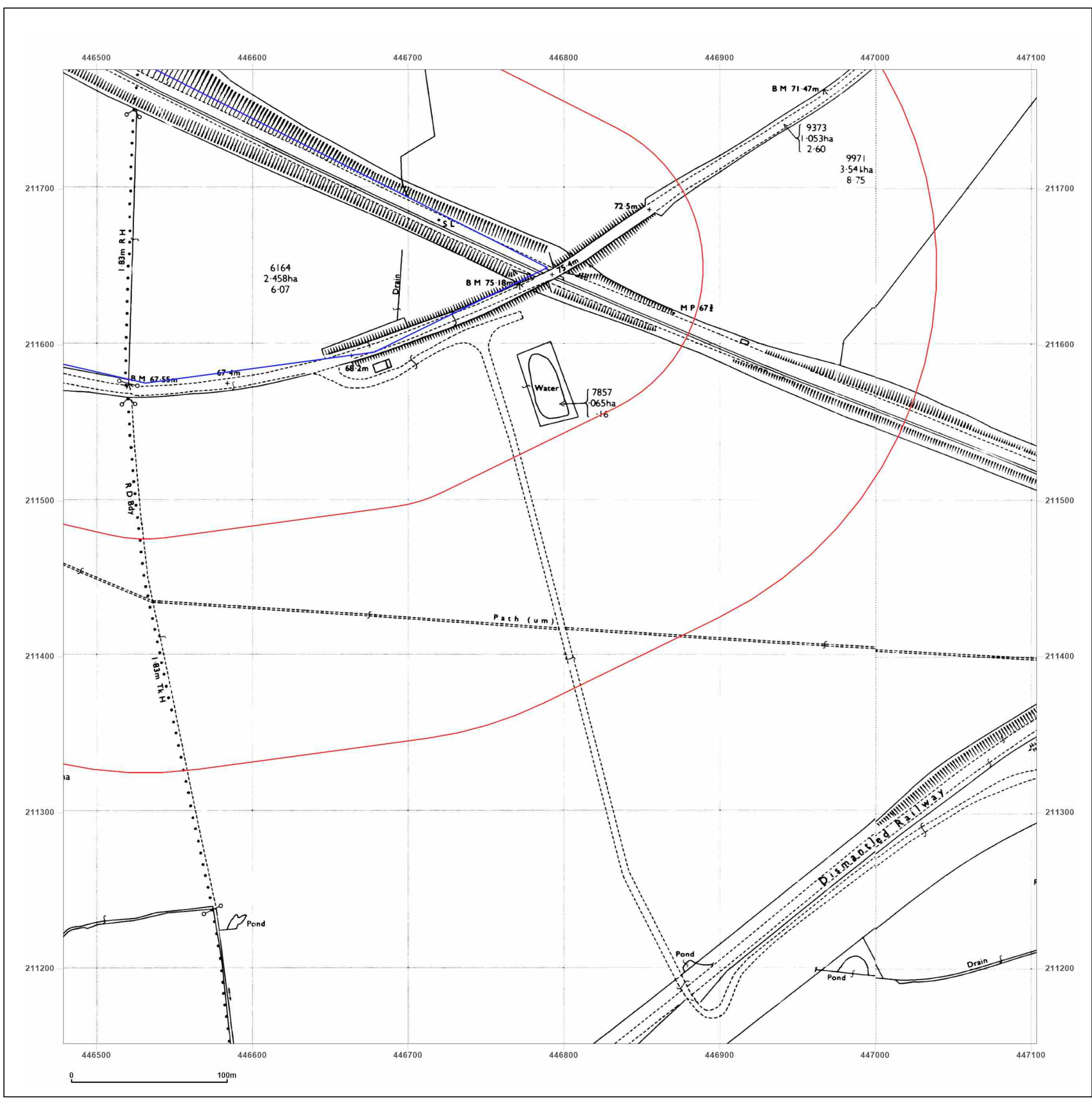


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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_1  
**Grid Ref:** 446791, 211464

**Map Name:** National Grid

**Map date:** 1994

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1994  
 Revised 1994  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright 1994  
 Levelled N/A

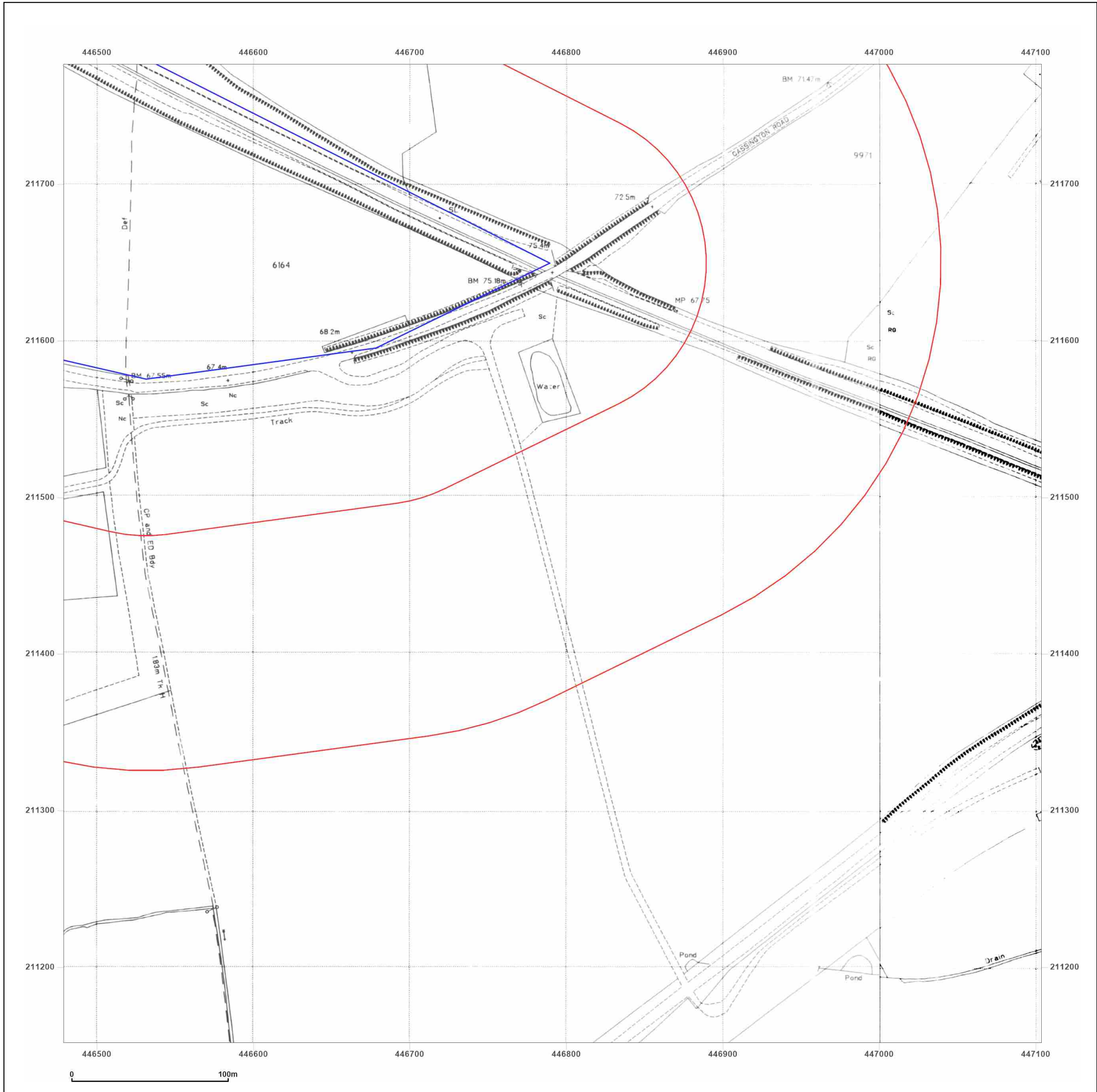


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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** County Series

**Map date:** 1880

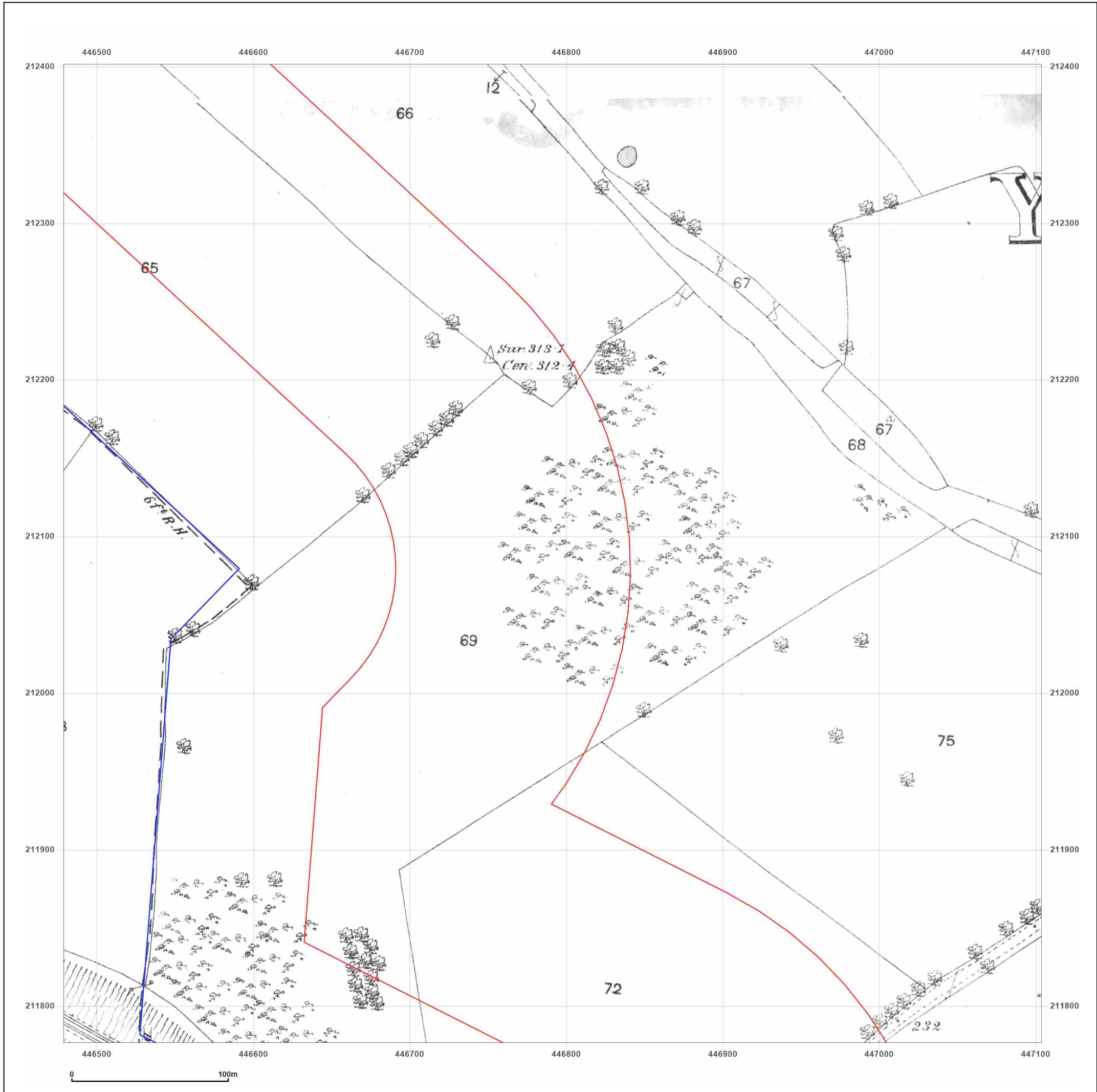
**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1880  
Revised 1880  
Edition N/A  
Copyright N/A  
Levelled N/A

Surveyed 1880  
Revised 1880  
Edition N/A  
Copyright N/A  
Levelled N/A



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**Site Details:**

West Botley 7-8

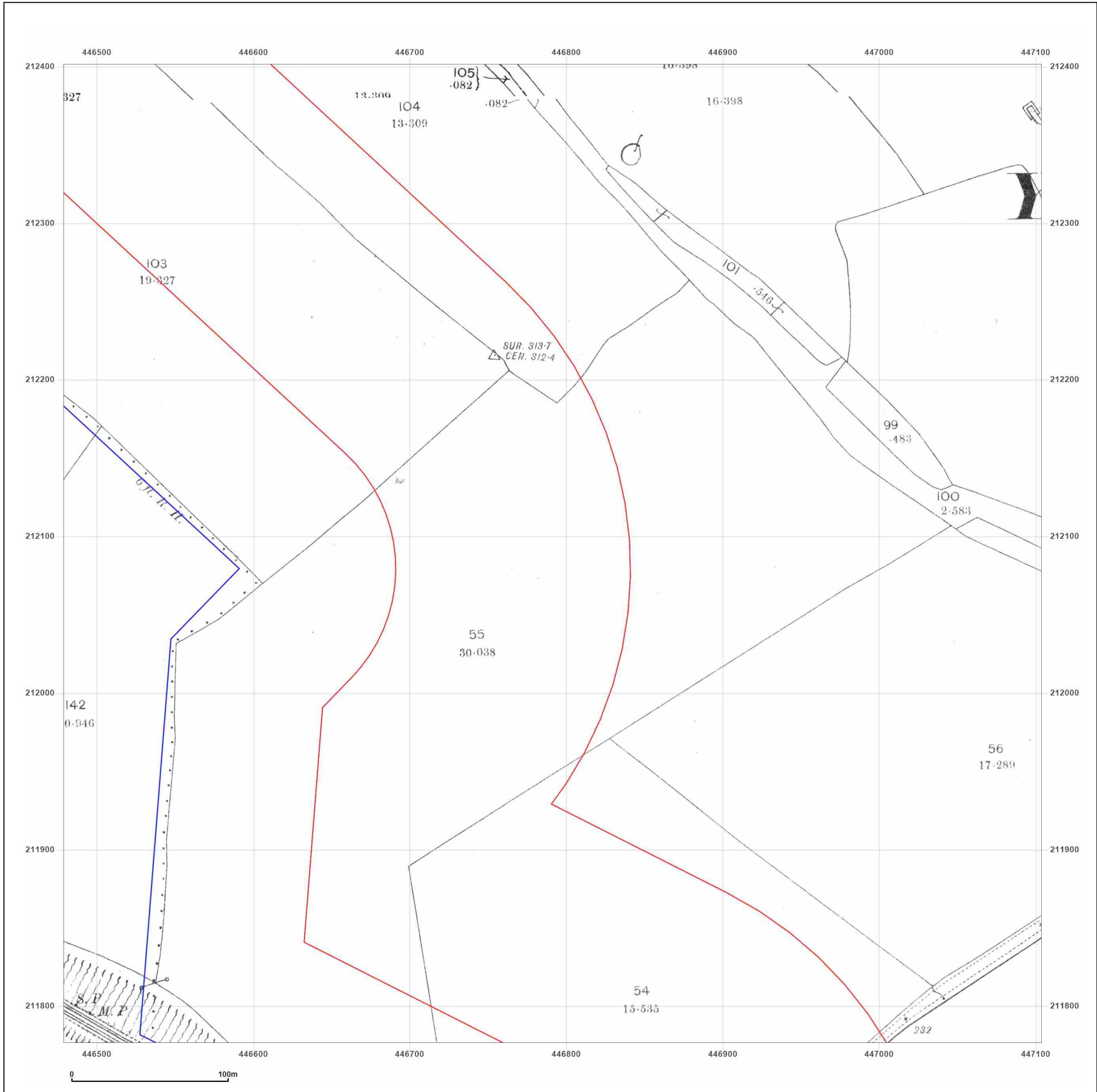
**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** County Series

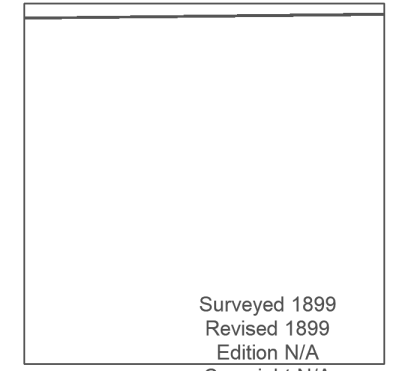
**Map date:** 1899

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1899  
 Revised 1899  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed 1899  
 Revised 1899  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



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Production date: 13 October 2023

Map legend available at:

**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** County Series

**Map date:** 1911

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1911  
 Revised 1911  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

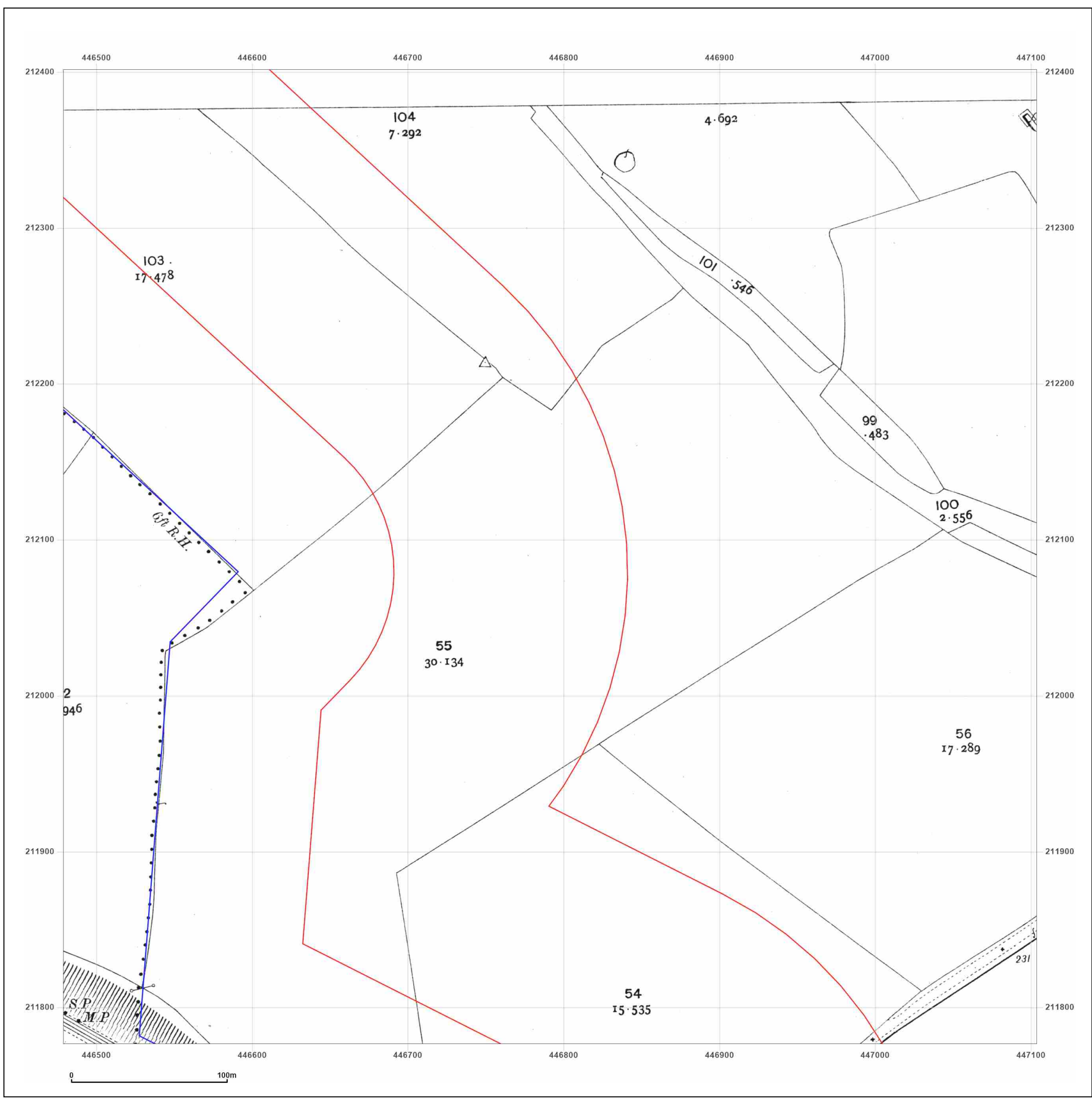


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** County Series

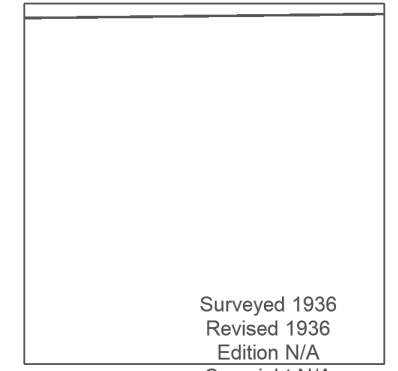
**Map date:** 1936

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1936  
 Revised 1936  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed 1936  
 Revised 1936  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

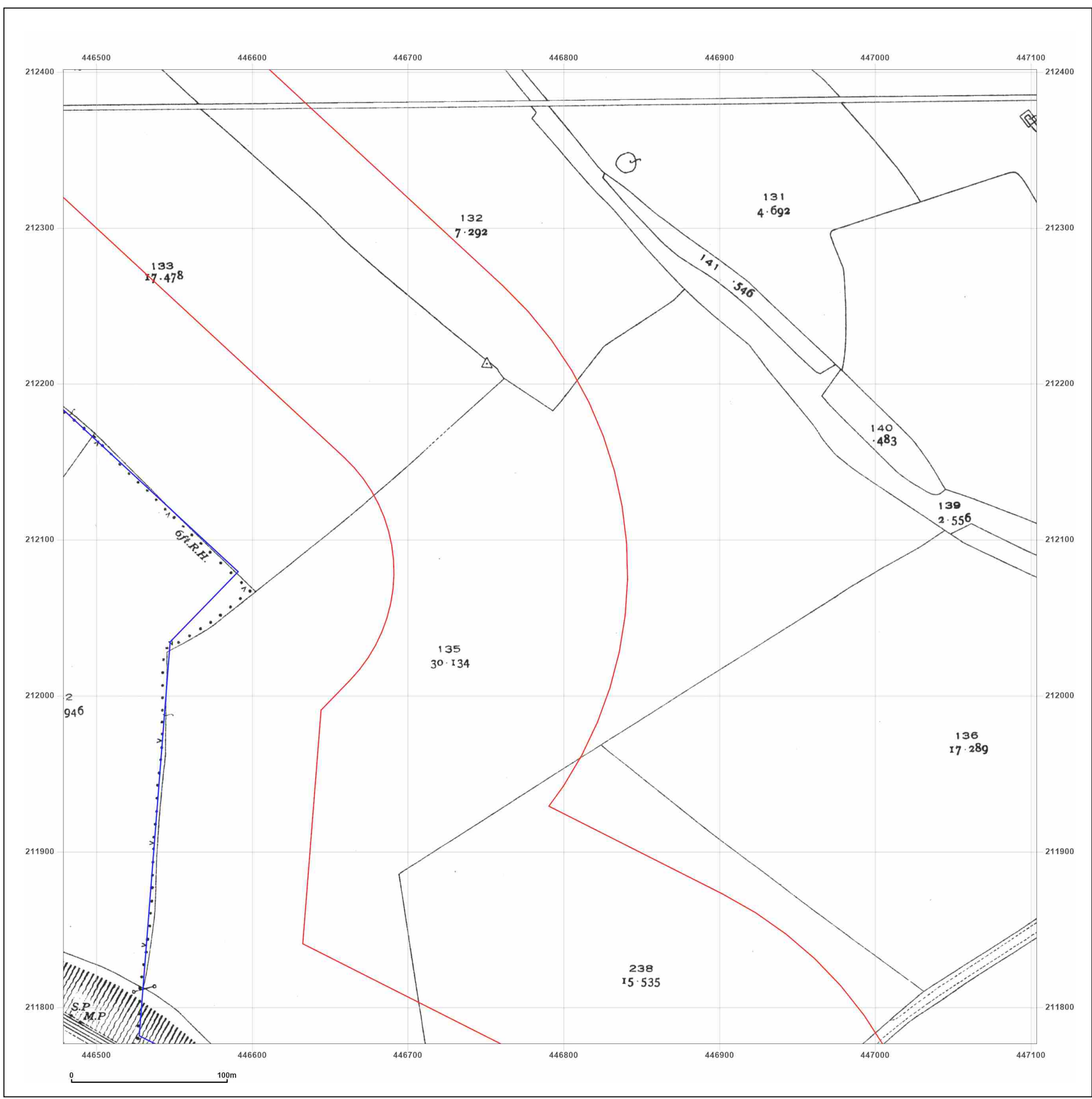


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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** National Grid

**Map date:** 1972

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed 1972  
 Revised 1972  
 Edition N/A  
 Copyright 1974  
 Levelled 1971

Surveyed 1972  
 Revised 1972  
 Edition N/A  
 Copyright 1974  
 Levelled 1971

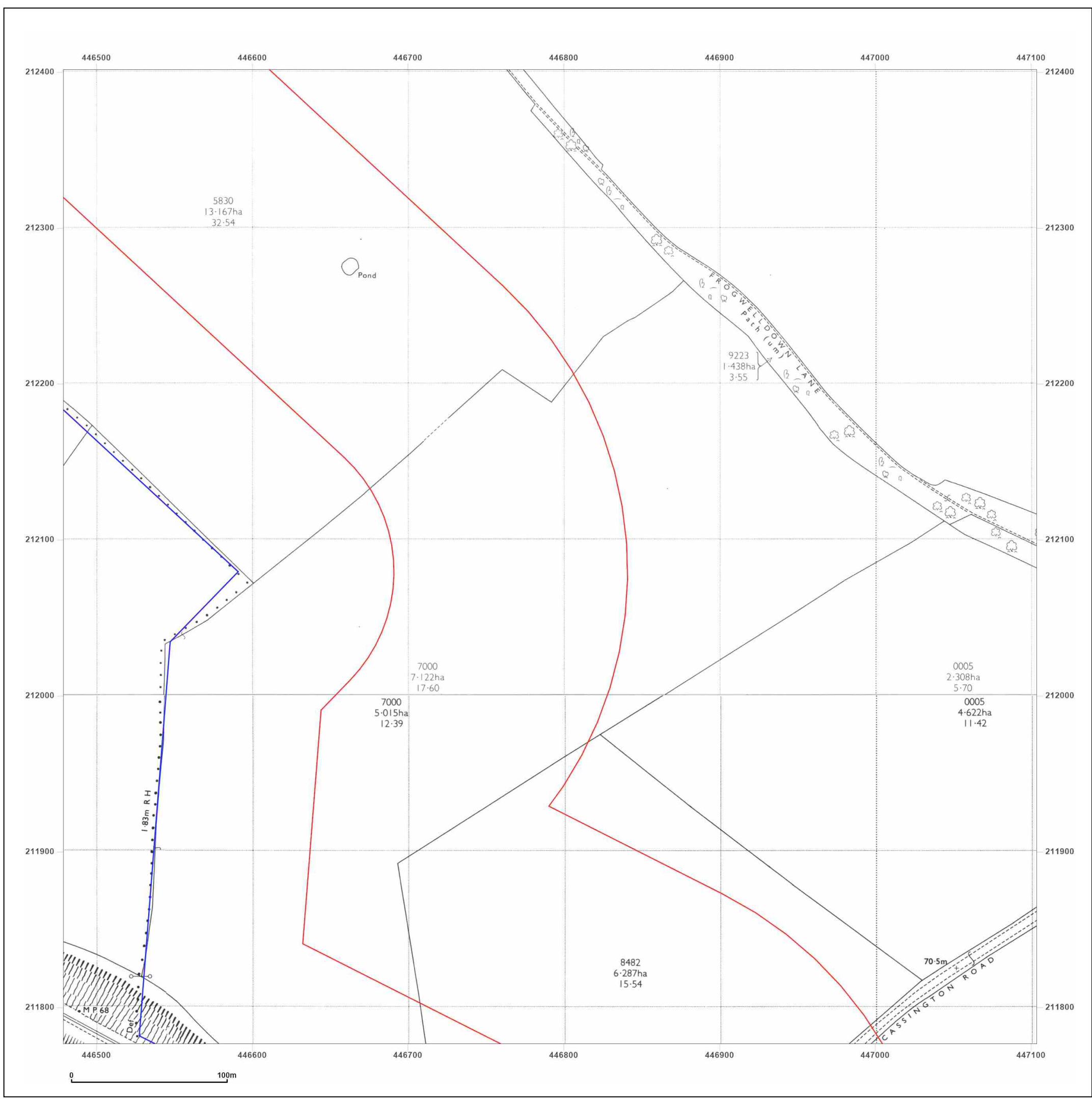


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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** National Grid

**Map date:** 1974

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A
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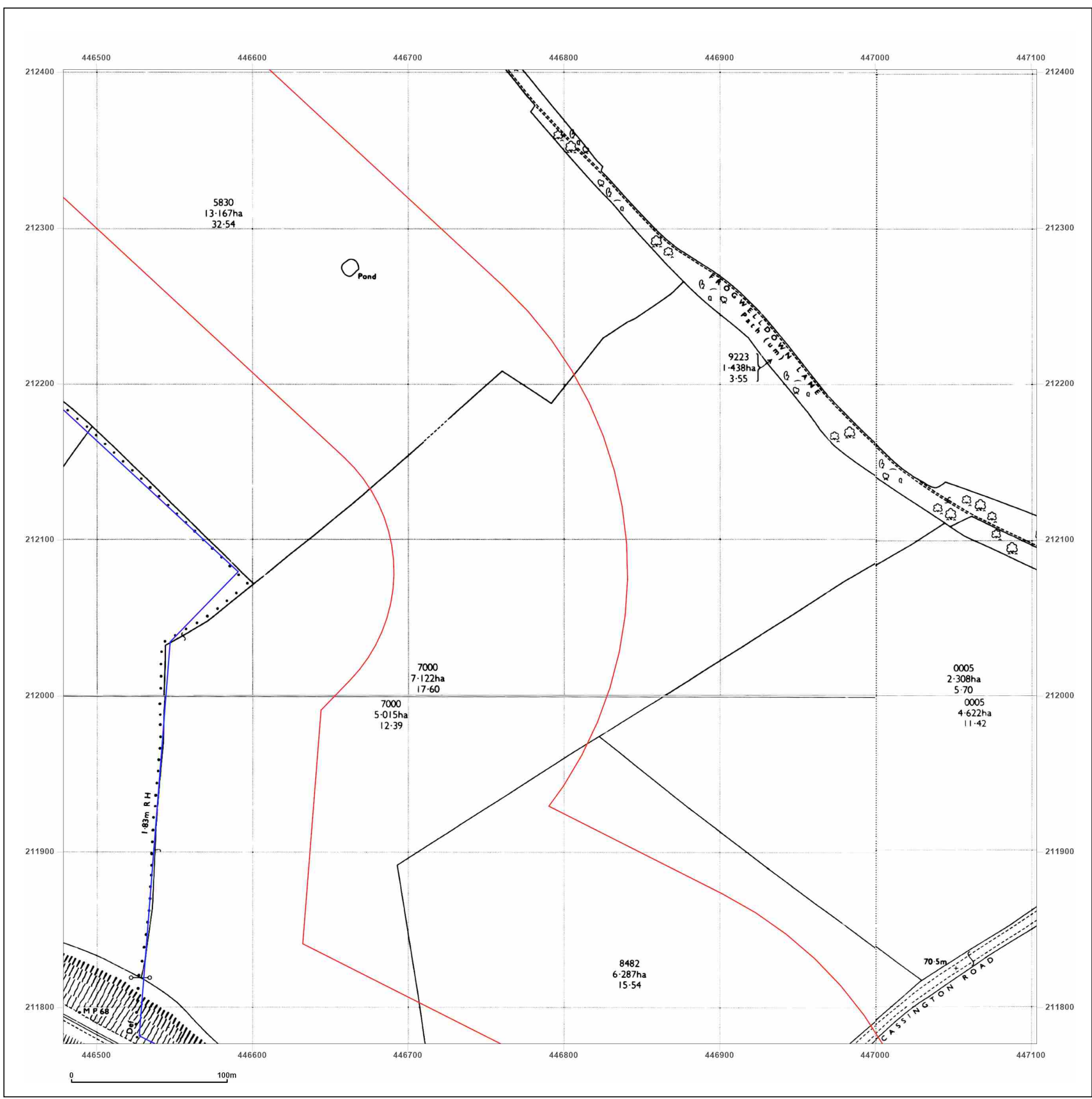


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_LS\_6\_2  
**Grid Ref:** 446791, 212089

**Map Name:** National Grid

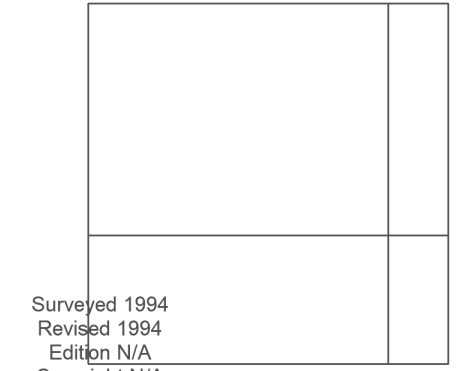
**Map date:** 1991-1994

**Scale:** 1:2,500

**Printed at:** 1:2,500



Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A	Surveyed 1991 Revised 1991 Edition N/A Copyright 1991 Levelled N/A
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Surveyed 1994 Revised 1994 Edition N/A Copyright N/A Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A
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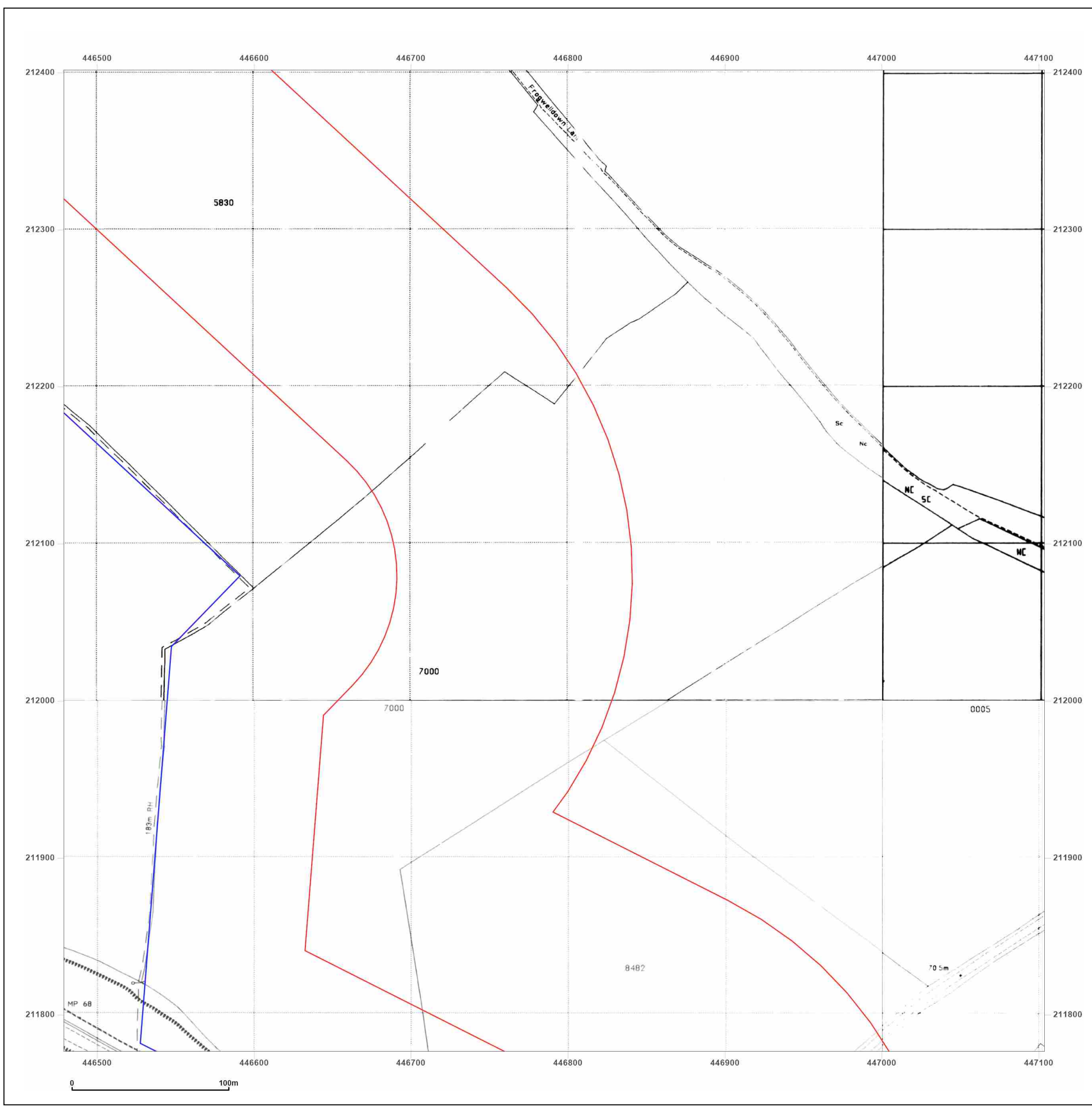


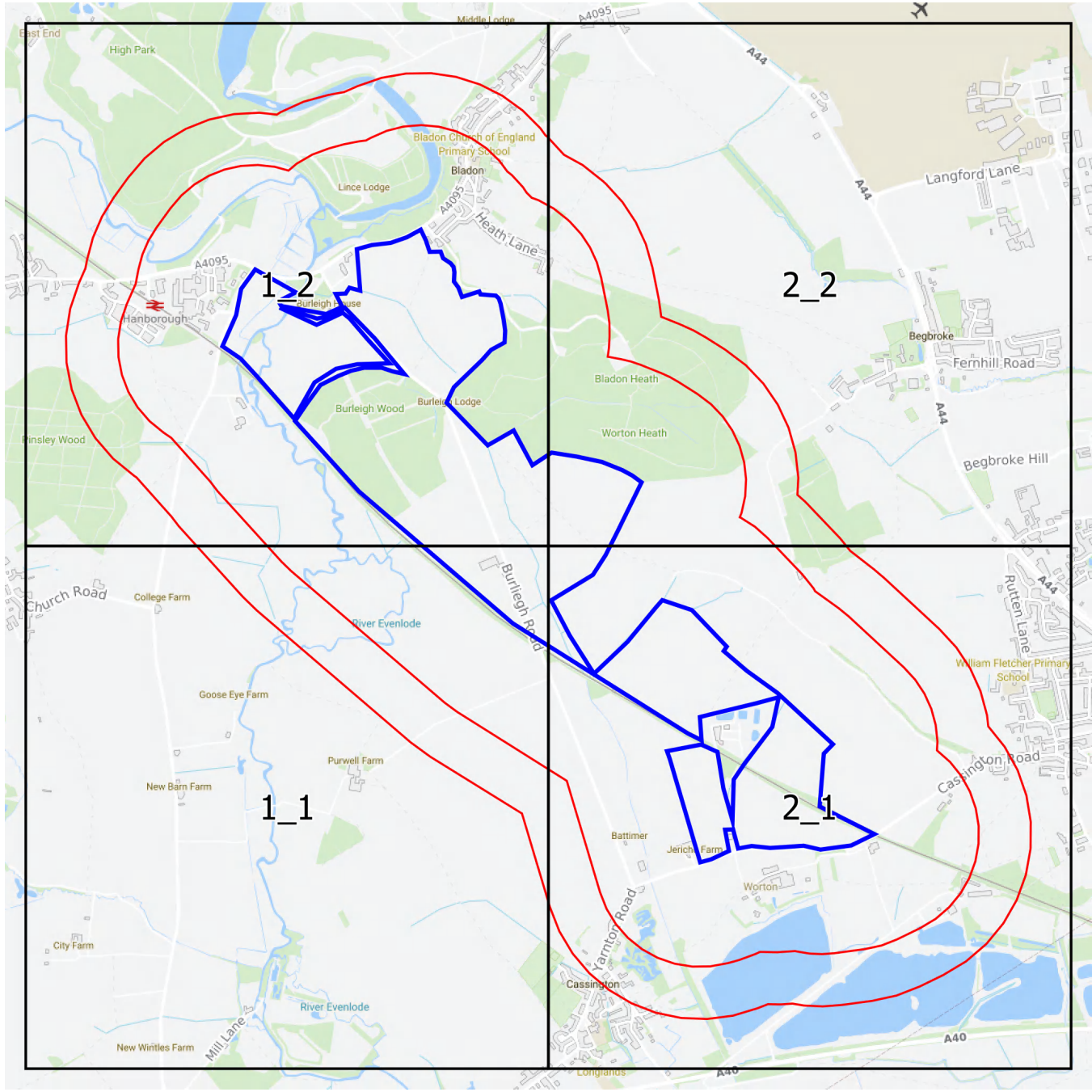
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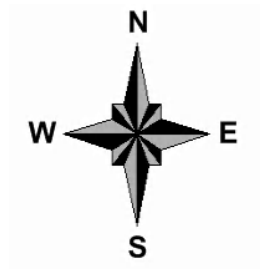
Map legend available at:





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Small Scale Grid Index



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

**Map date:** 1876-1880

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1880  
 Revised 1880  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed 1876  
 Revised 1876  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

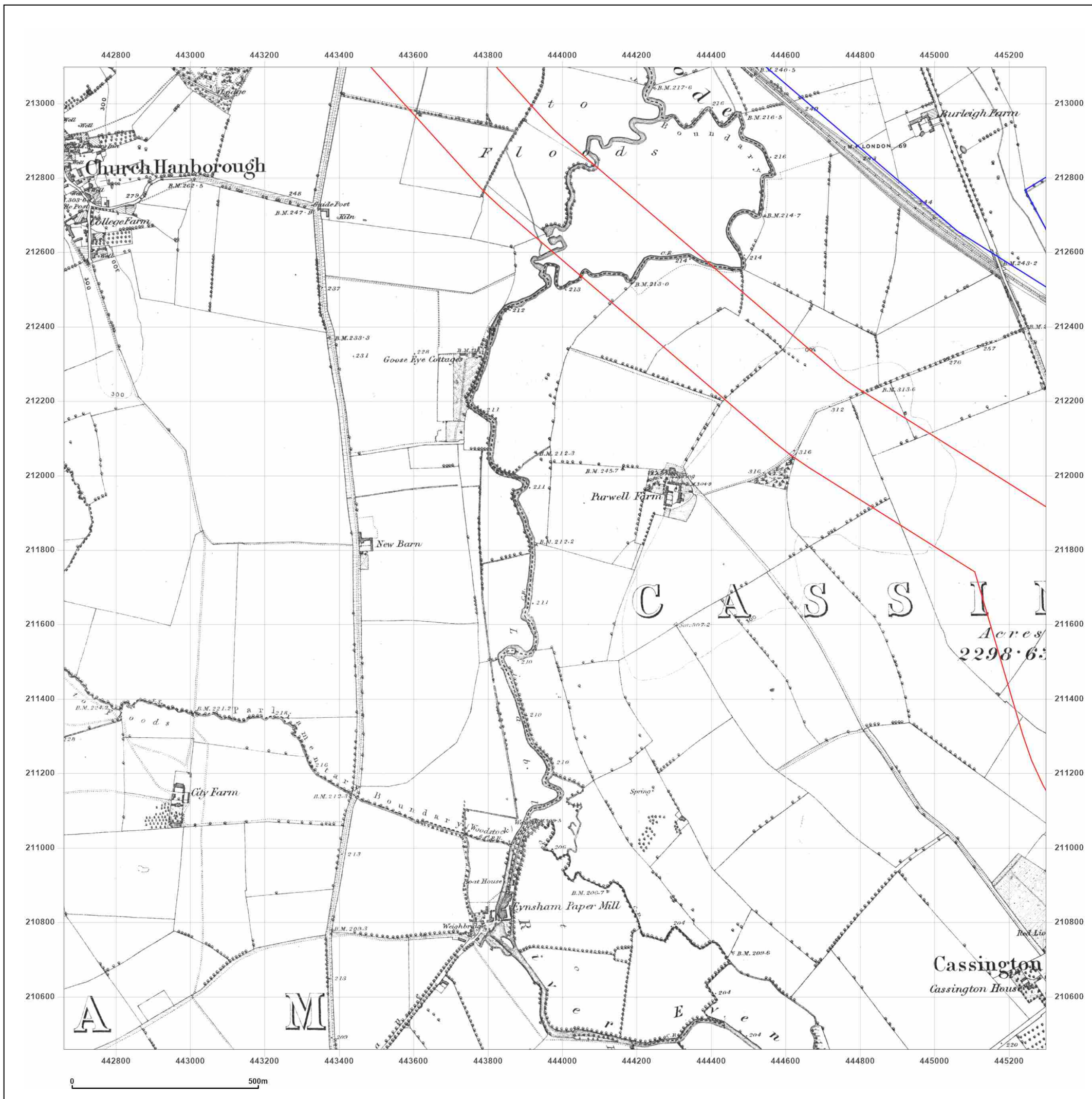


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Production date: 13 October 2023

Map legend available at:



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

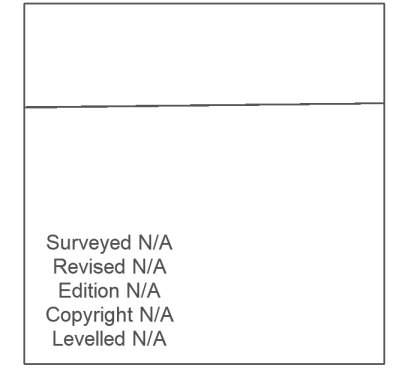
**Map date:** 1898-1900

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
 Revised 1898  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

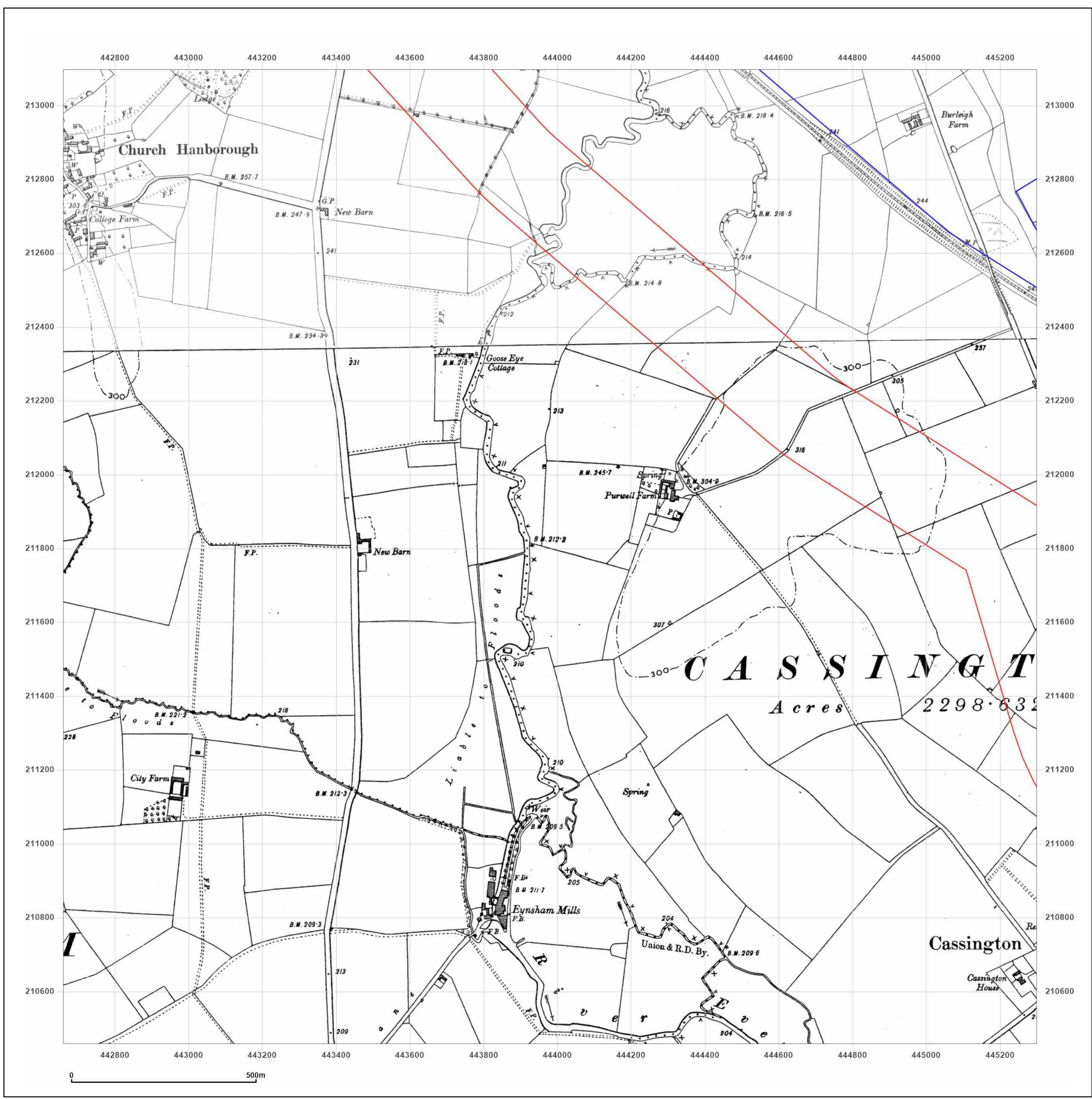


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Map legend available at:



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

**Map date:** 1900

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
 Revised 1900  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

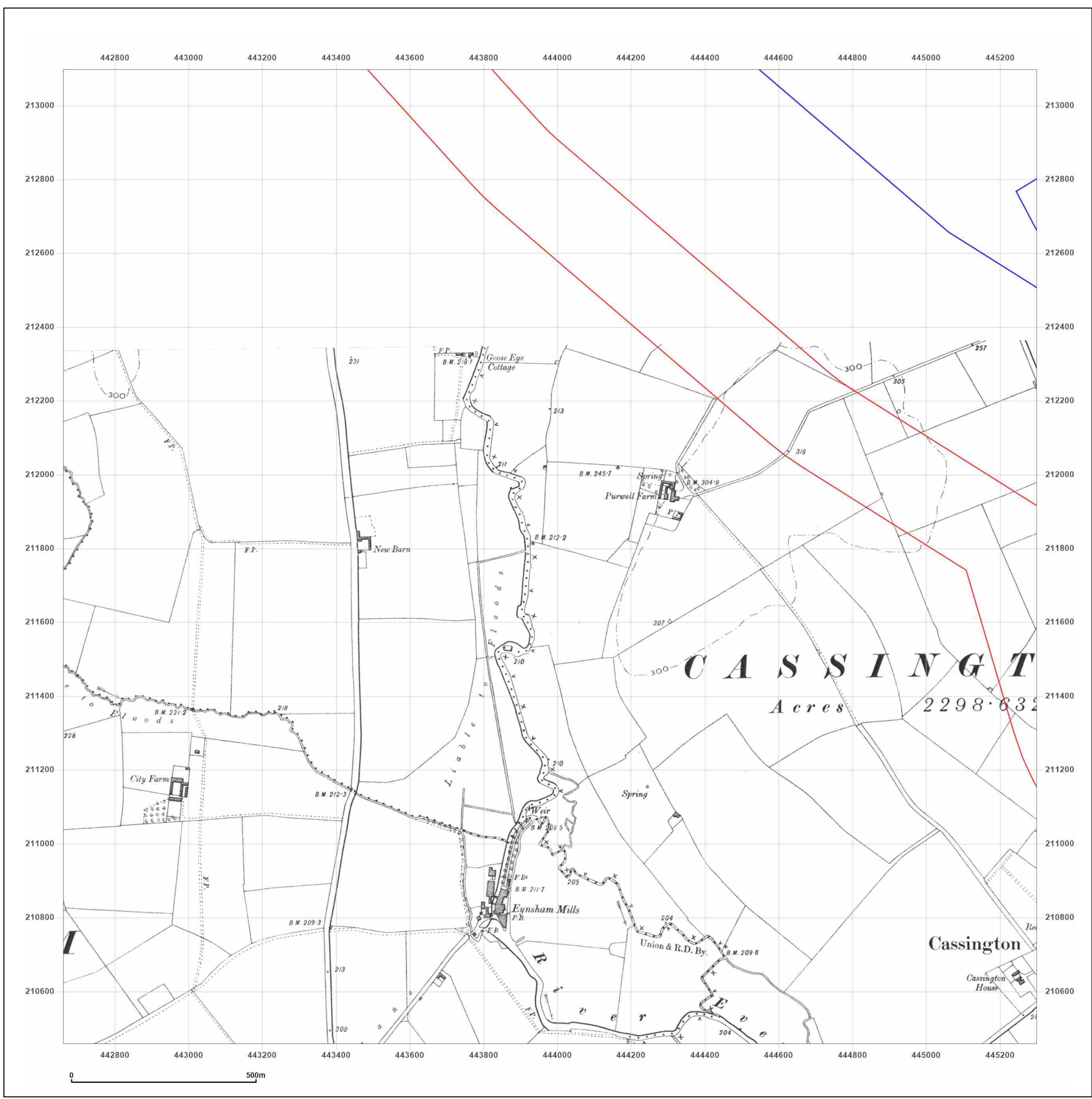


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Map legend available at:



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

**Map date:** 1911

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

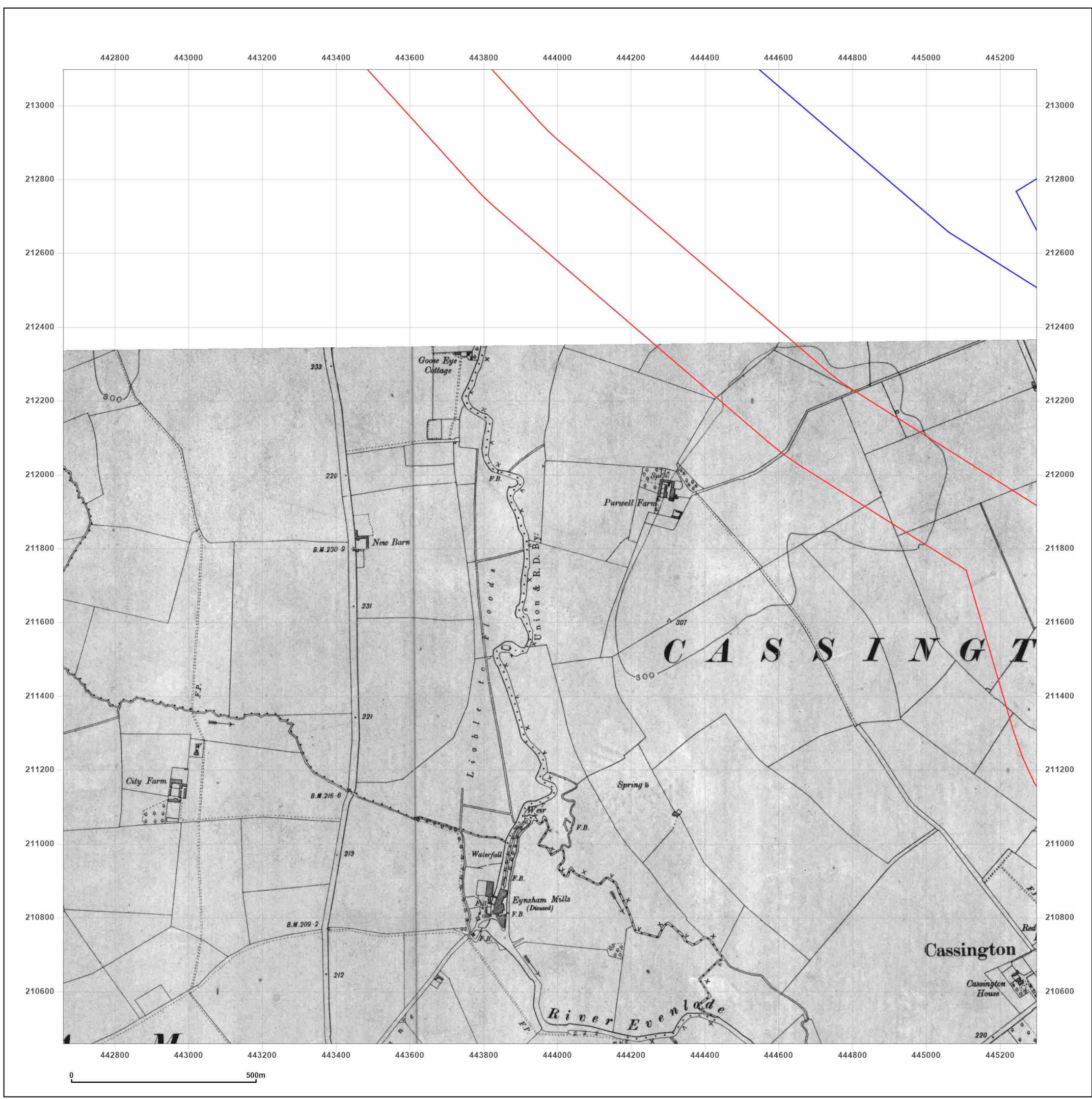


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

**Map date:** 1914

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A  
 Revised N/A  
 Edition 1914  
 Copyright N/A  
 Levelled N/A

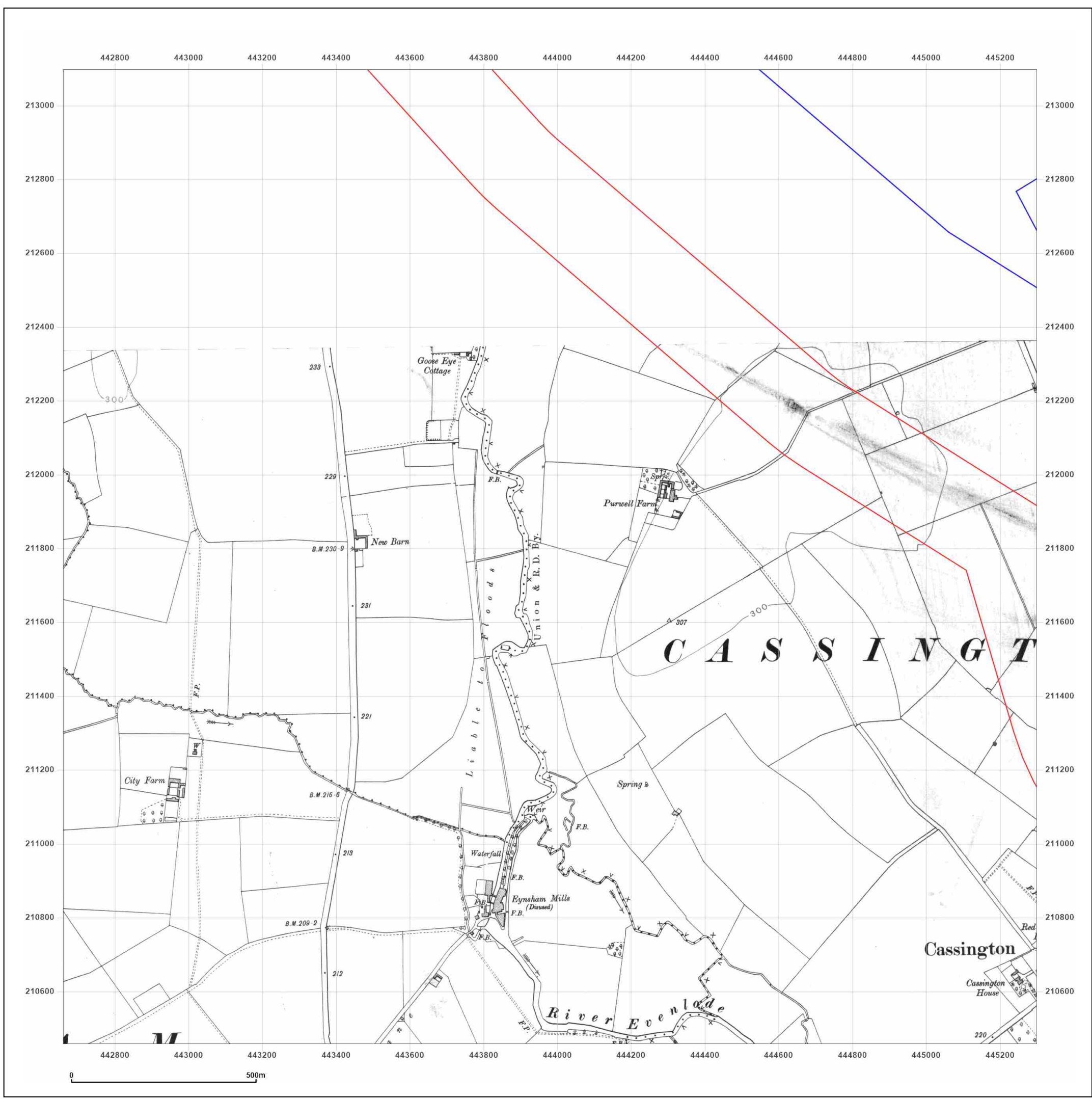


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

**Map date:** 1914

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1872  
 Revised 1914  
 Edition 1914  
 Copyright N/A  
 Levelled N/A

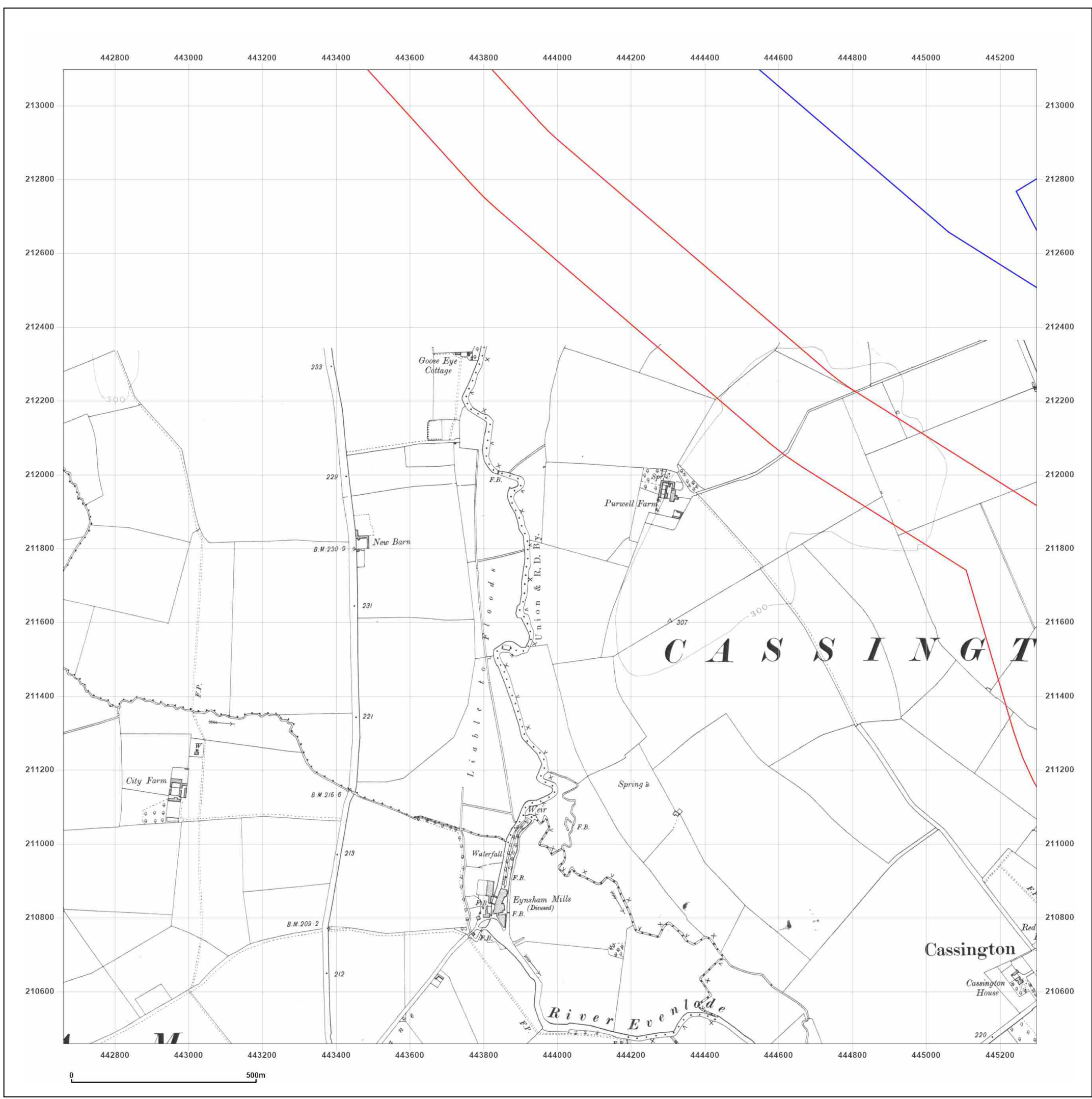


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

**Map date:** 1922-1923

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
 Revised 1923  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1872  
 Revised 1922  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

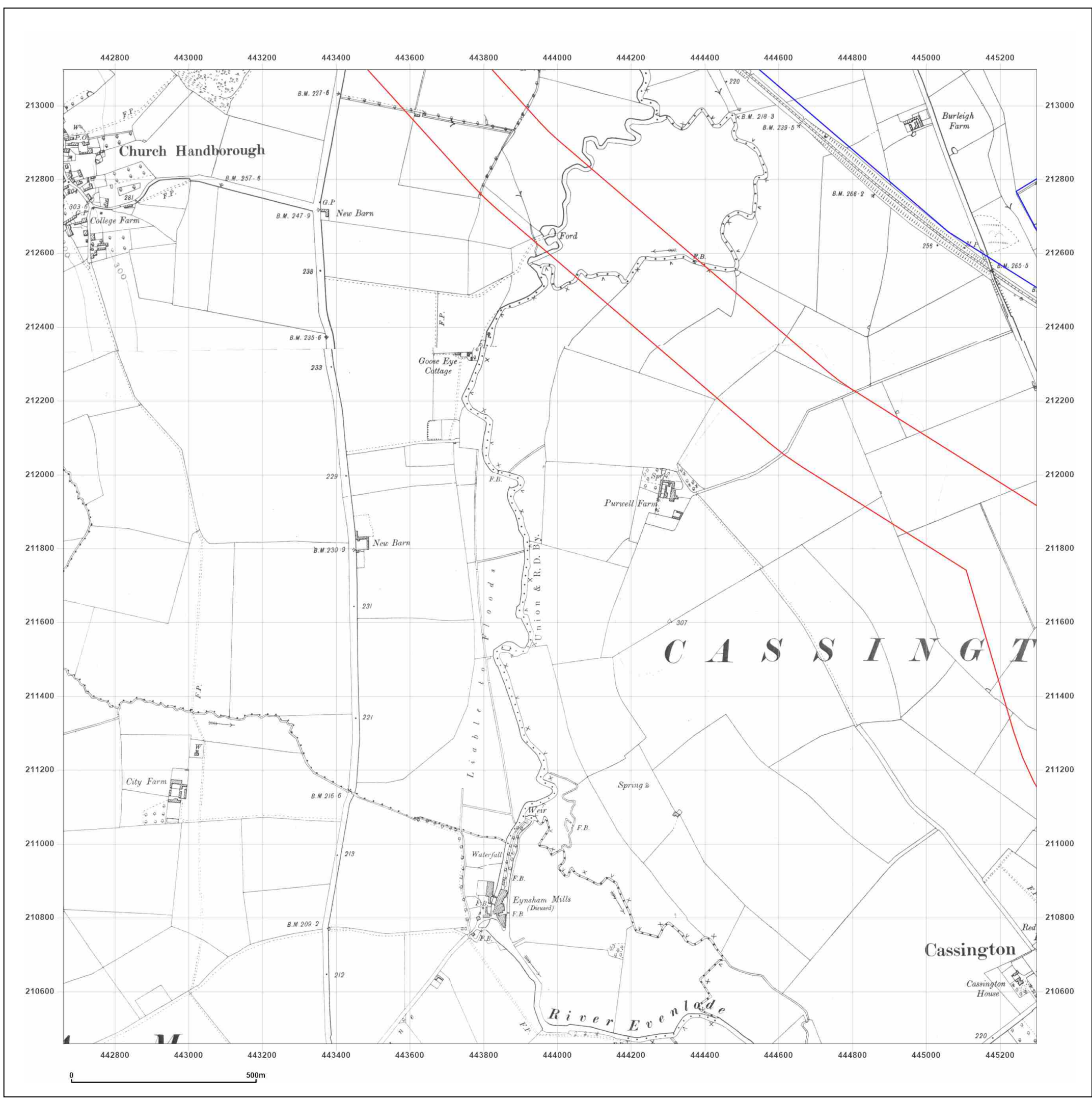


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Map legend available at:



0 500m

**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** County Series

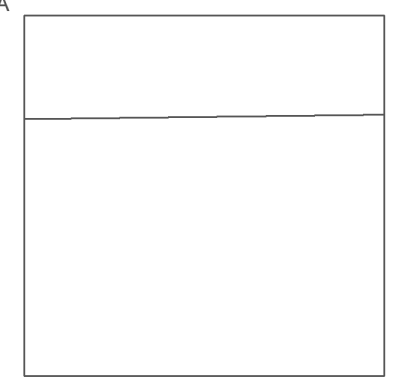
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**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1879  
 Revised 1923  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

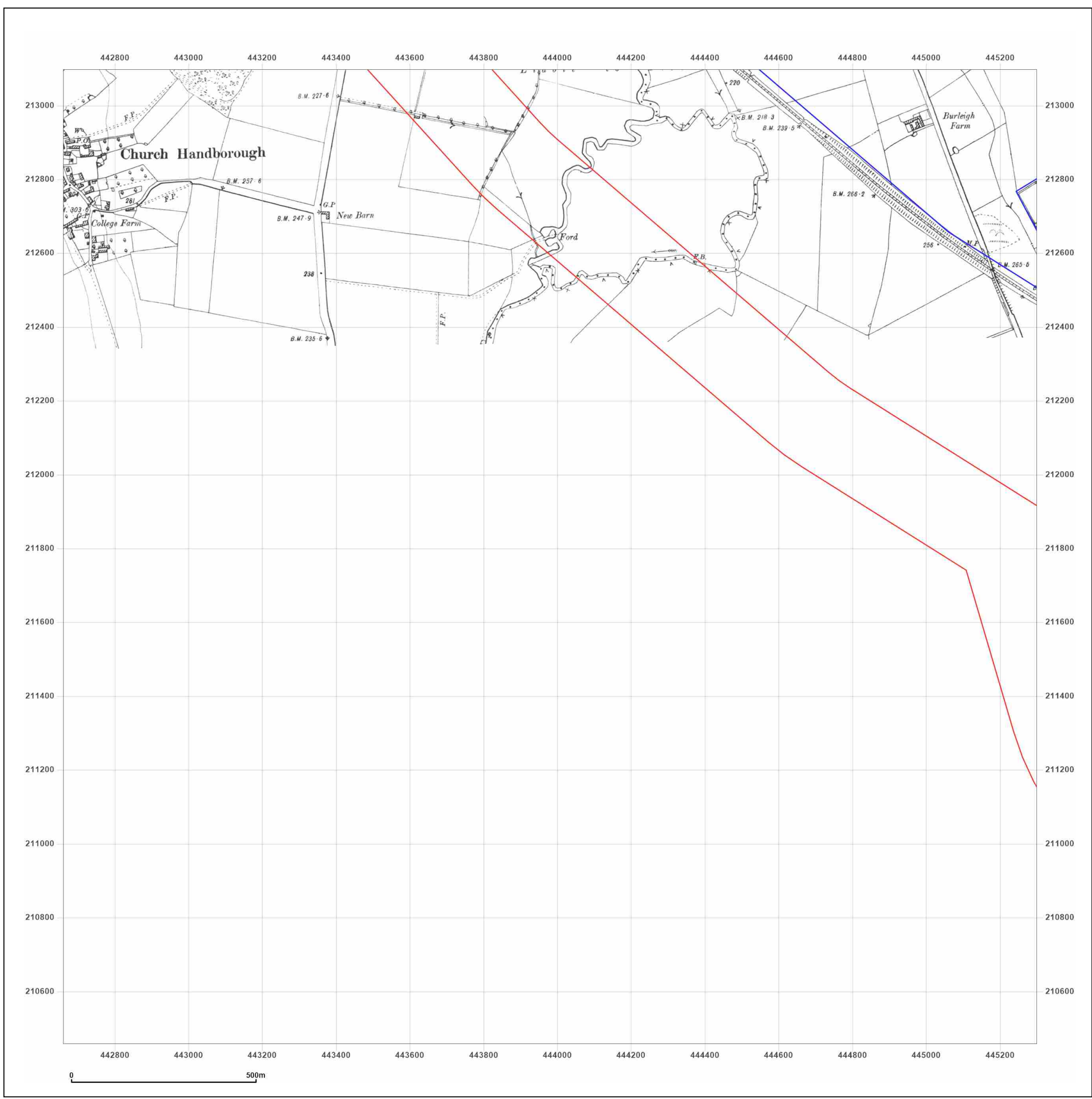


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** Provisional

**Map date:** 1954-1955

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A  
 Revised 1954  
 Edition 1955  
 Copyright N/A  
 Levelled N/A

Surveyed 1950  
 Revised 1950  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

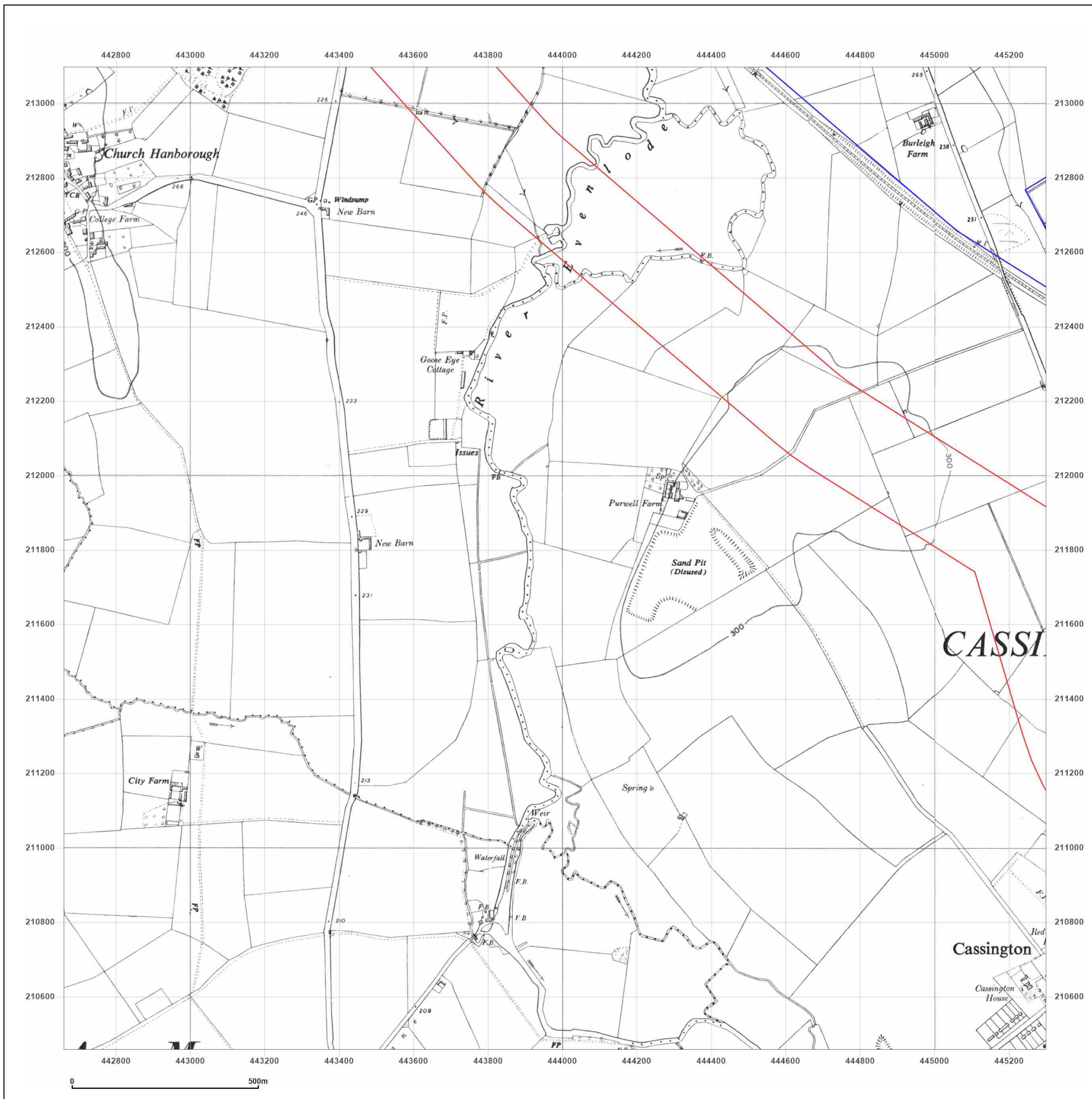


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** National Grid

**Map date:** 1980-1981

**Scale:** 1:10,000

**Printed at:** 1:10,000



Surveyed 1972  
 Revised 1979  
 Edition N/A  
 Copyright 1980  
 Levelled 1974

Surveyed 1977  
 Revised 1981  
 Edition N/A  
 Copyright 1981  
 Levelled 1973

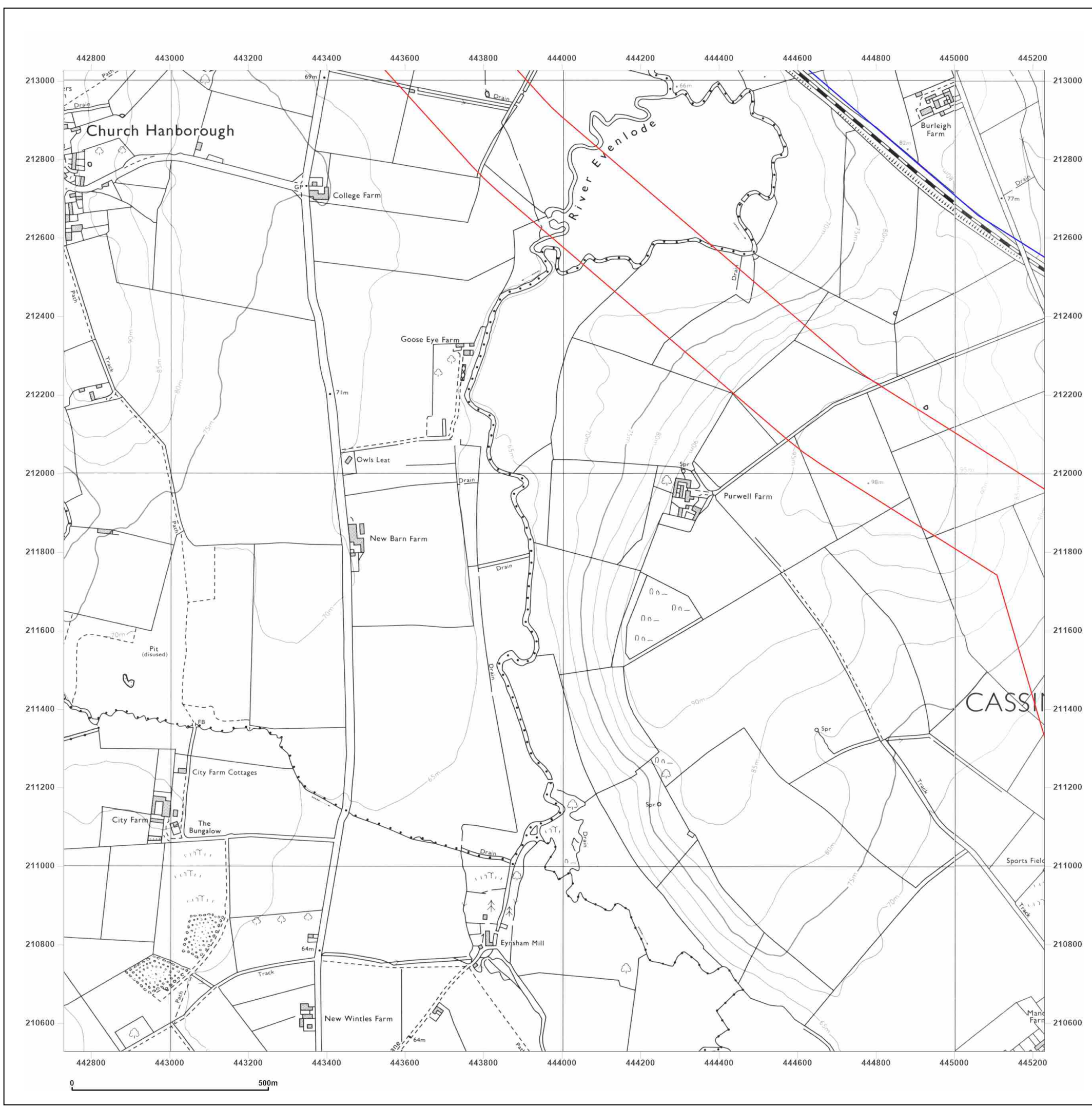


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Map legend available at:



**Site Details:**

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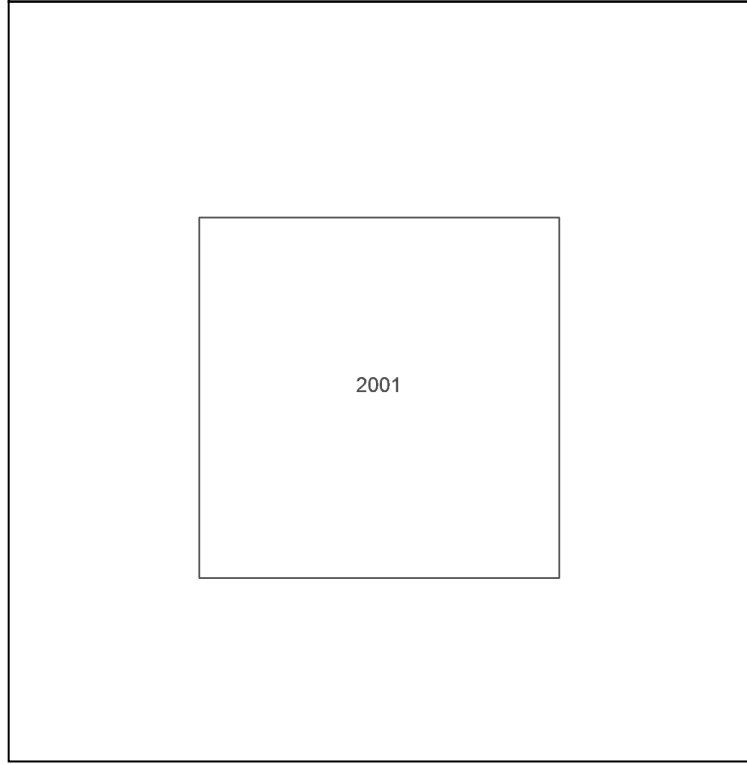
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**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** National Grid

**Map date:** 2001

**Scale:** 1:10,000

**Printed at:** 1:10,000

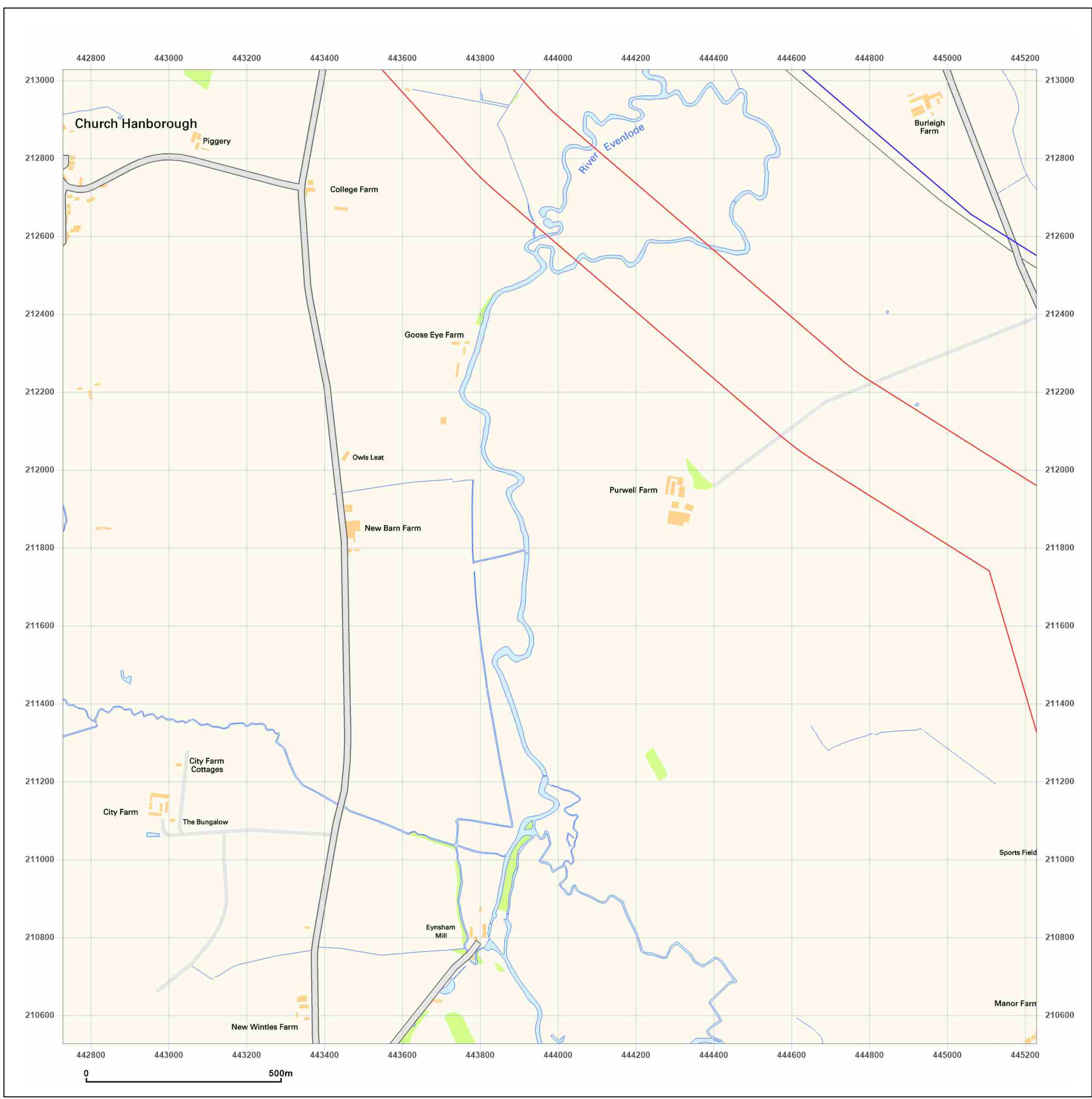


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Production date: 13 October 2023

Map legend available at:



**Site Details:**

West Botley 7-8

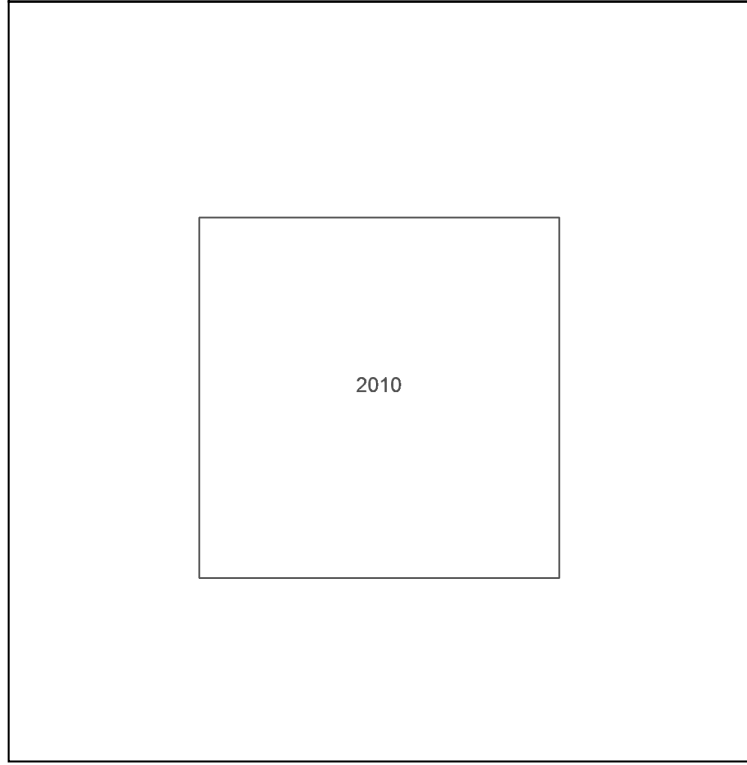
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**Grid Ref:** 443979, 211777

**Map Name:** National Grid

**Map date:** 2010

**Scale:** 1:10,000

**Printed at:** 1:10,000

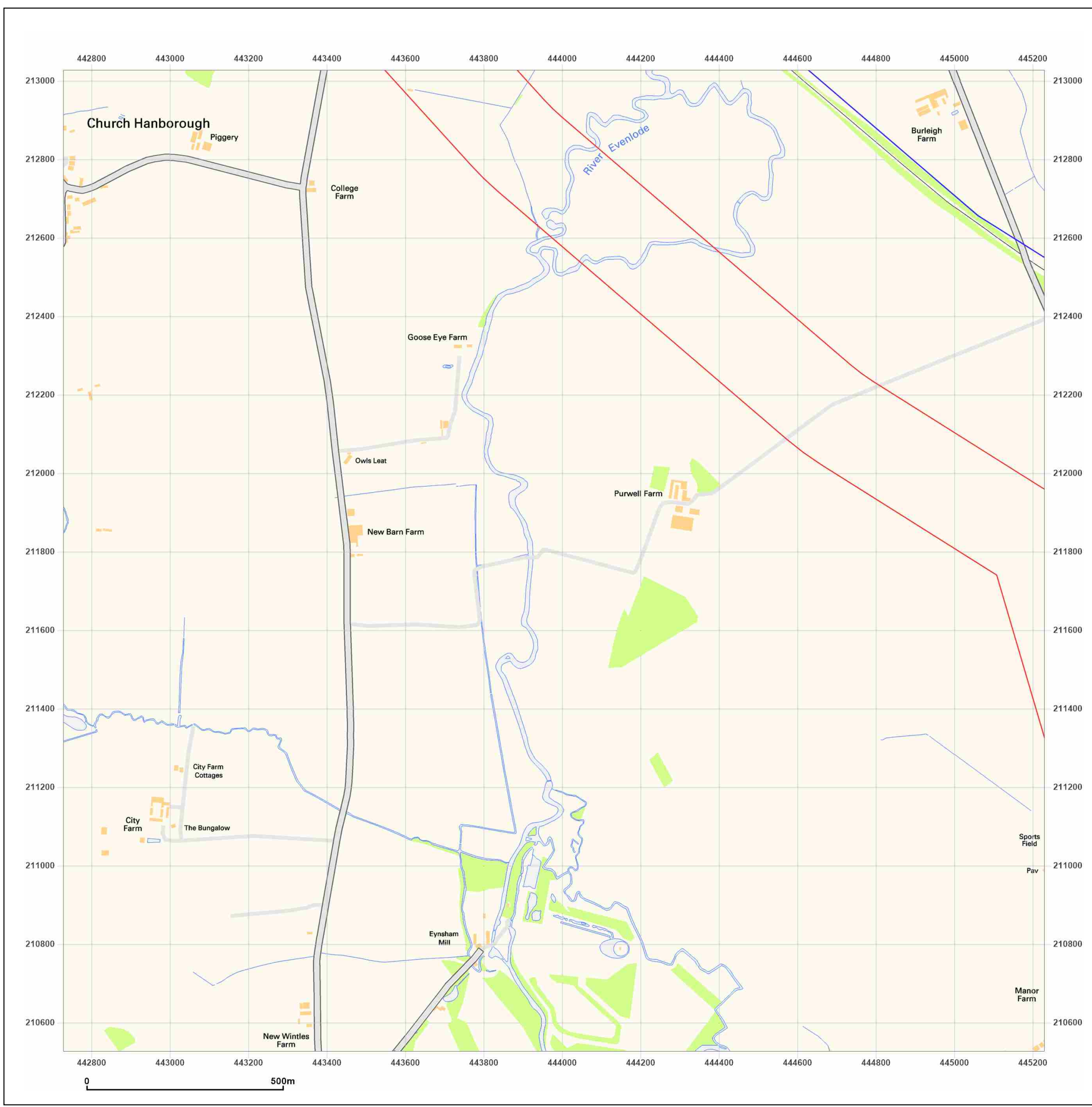


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**Site Details:**

West Botley 7-8

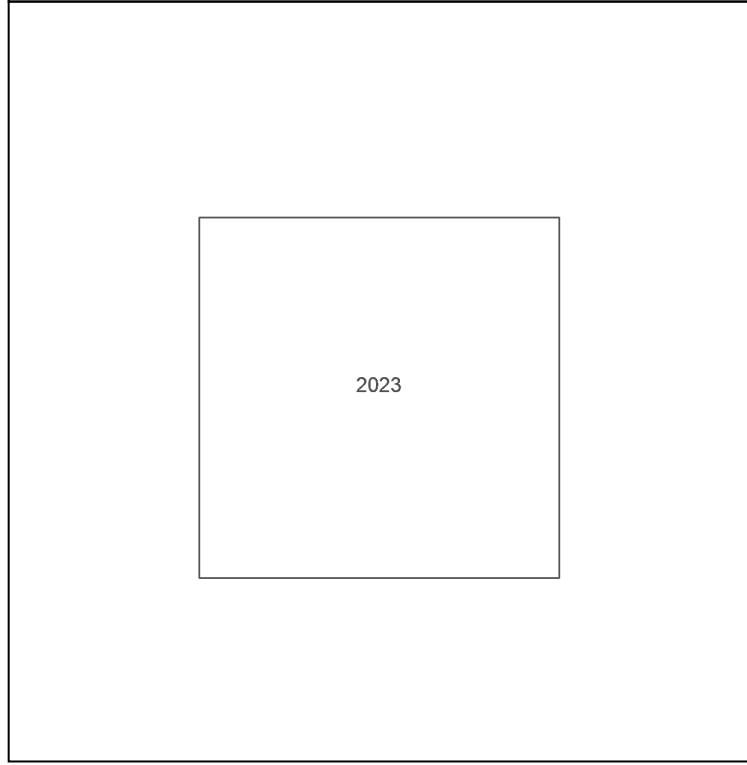
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**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_1  
**Grid Ref:** 443979, 211777

**Map Name:** National Grid

**Map date:** 2023

**Scale:** 1:10,000

**Printed at:** 1:10,000



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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** County Series

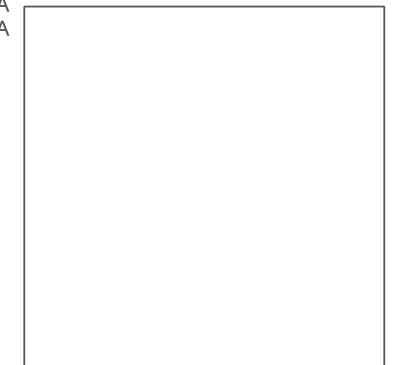
**Map date:** 1880

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1880  
 Revised 1880  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

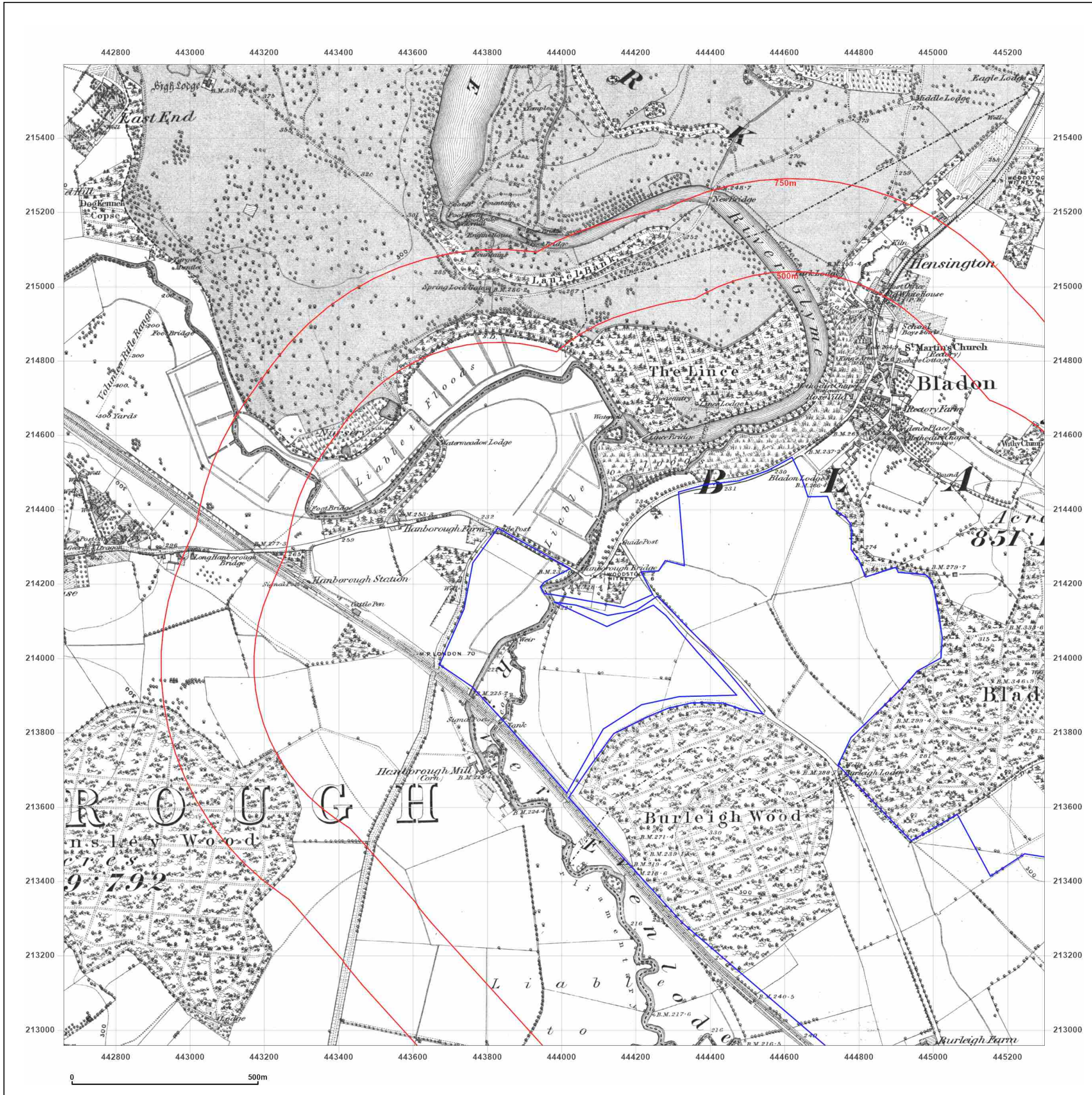


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**Site Details:**

West Botley 7-8

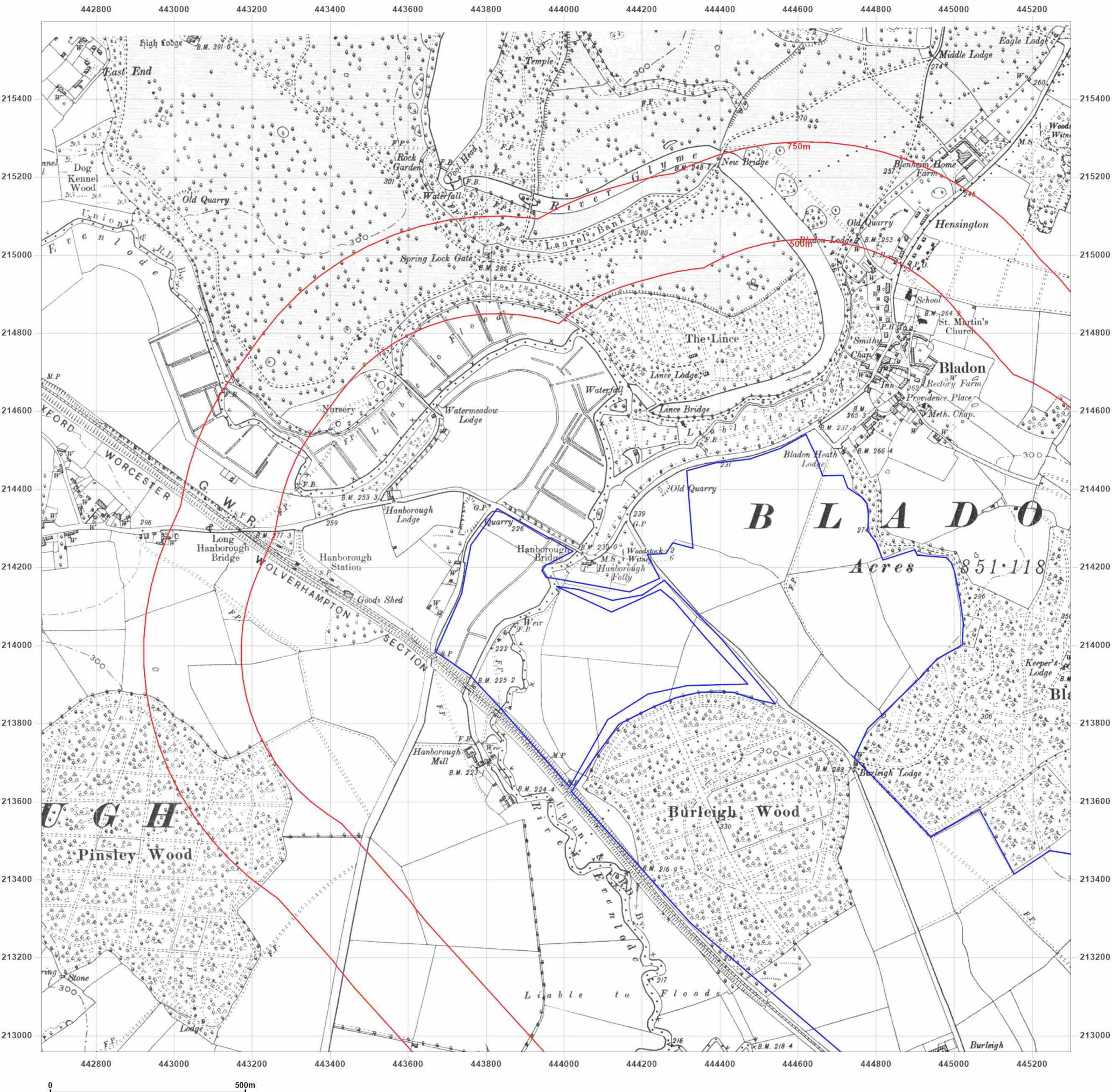
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**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** County Series

**Map date:** 1898

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
 Revised 1898  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



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Production date: 13 October 2023

Map legend available at:

**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** County Series

**Map date:** 1919-1923

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1879  
 Revised 1919  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1875  
 Revised 1923  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

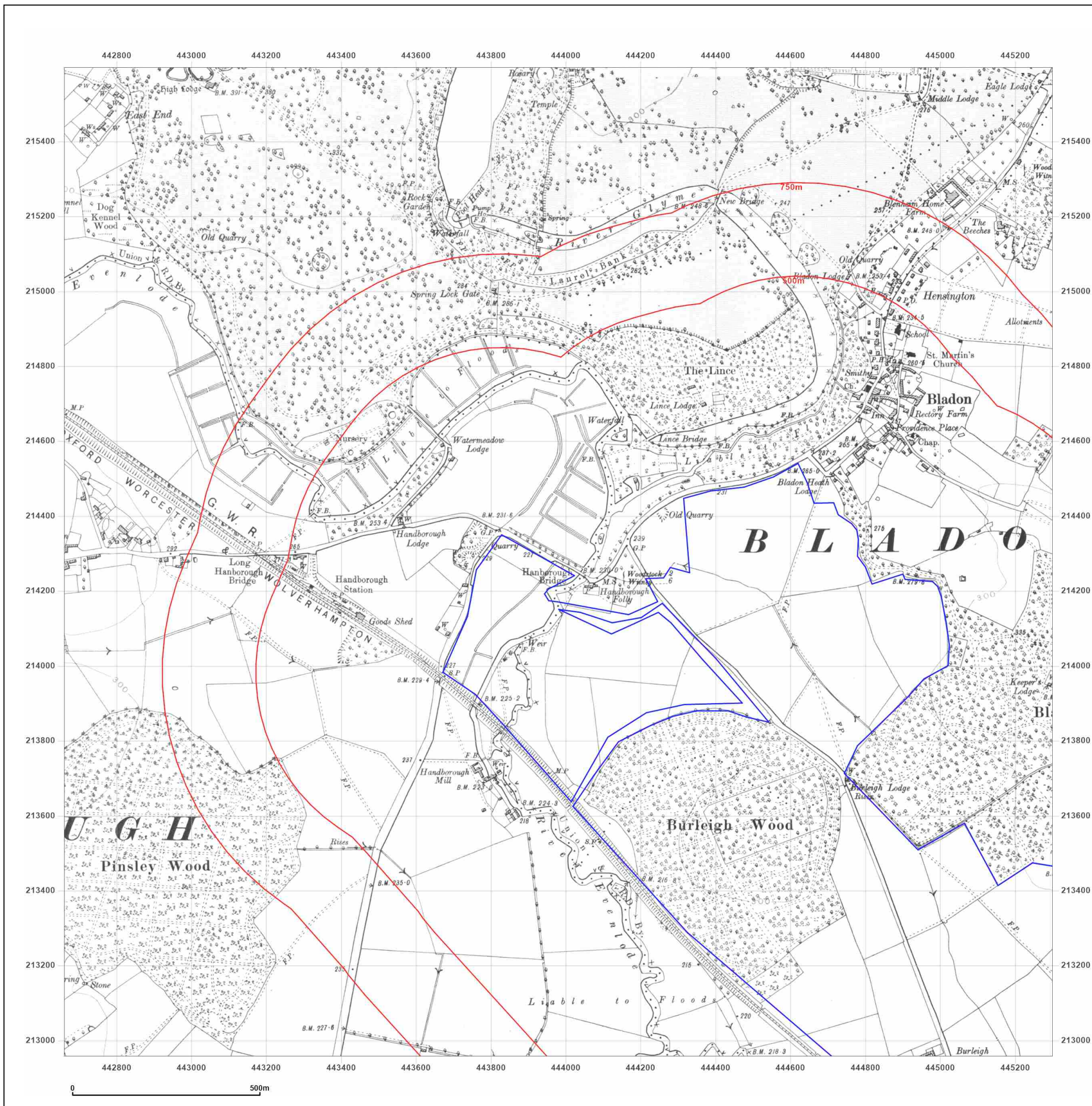


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Production date: 13 October 2023

Map legend available at:



**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** County Series

**Map date:** 1923

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1879  
 Revised 1923  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

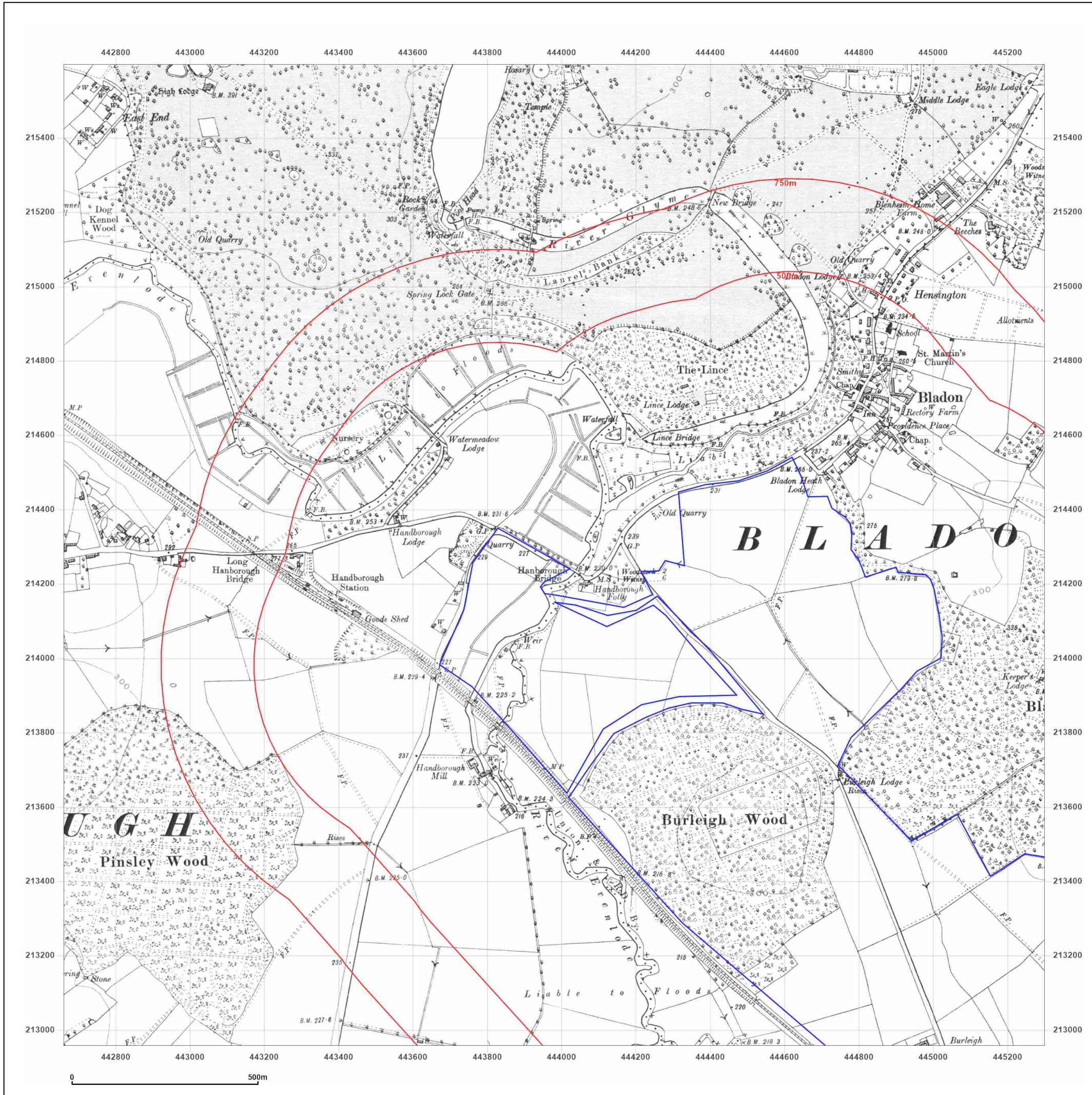


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** Provisional

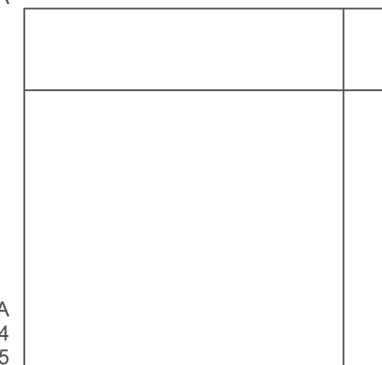
**Map date:** 1950-1955

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A	Surveyed 1950
Revised 1954	Revised 1950
Edition 1955	Edition N/A
Copyright N/A	Copyright N/A
Levelled N/A	Levelled N/A



Surveyed N/A	Surveyed 1950
Revised 1954	Revised 1950
Edition 1955	Edition N/A
Copyright N/A	Copyright N/A
Levelled N/A	Levelled N/A

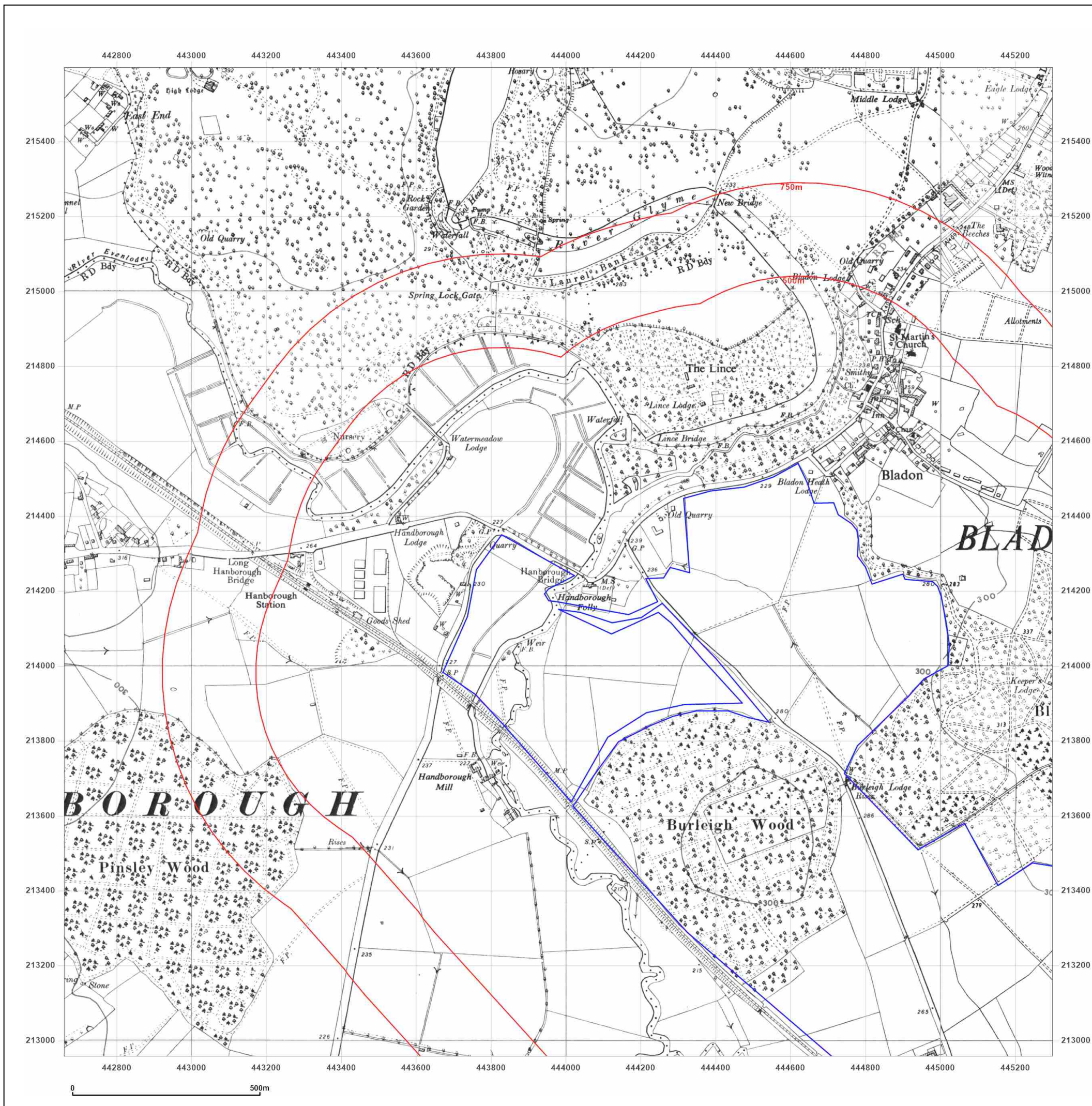


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** National Grid

**Map date:** 1979-1981

**Scale:** 1:10,000

**Printed at:** 1:10,000



Surveyed 1973  
 Revised 1979  
 Edition N/A  
 Copyright 1979  
 Levelled 1974

Surveyed 1974  
 Revised 1980  
 Edition N/A  
 Copyright 1980  
 Levelled 1973

Surveyed 1972  
 Revised 1979  
 Edition N/A  
 Copyright 1980  
 Levelled 1974

Surveyed 1977  
 Revised 1981  
 Edition N/A  
 Copyright 1981  
 Levelled 1973

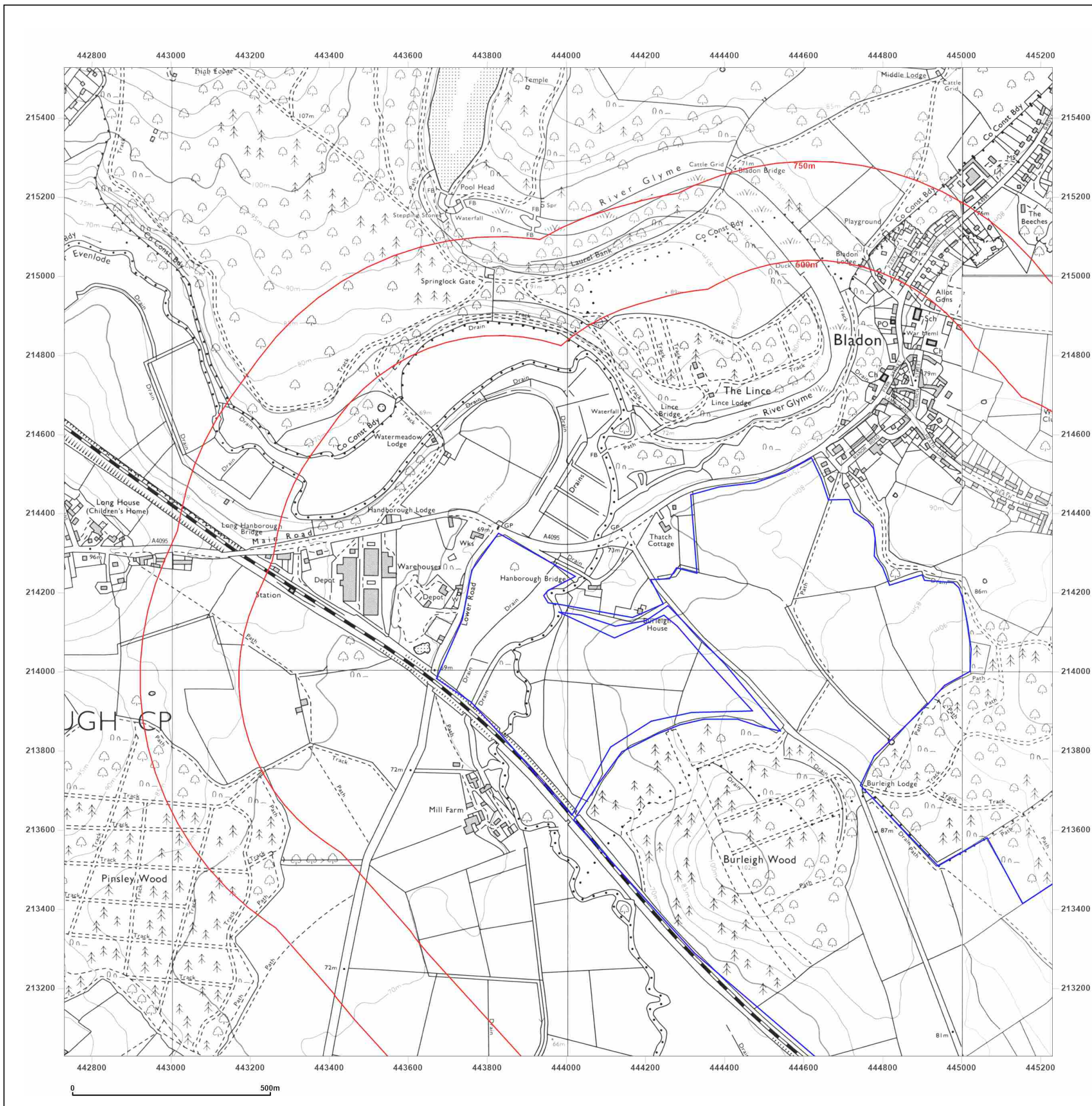


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**Site Details:**

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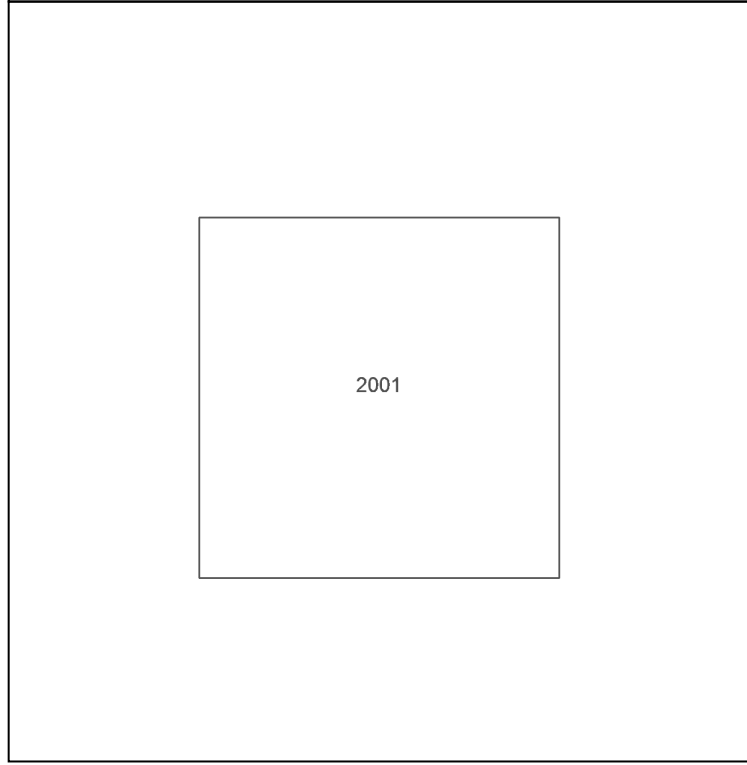
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**Grid Ref:** 443979, 214277

**Map Name:** National Grid

**Map date:** 2001

**Scale:** 1:10,000

**Printed at:** 1:10,000

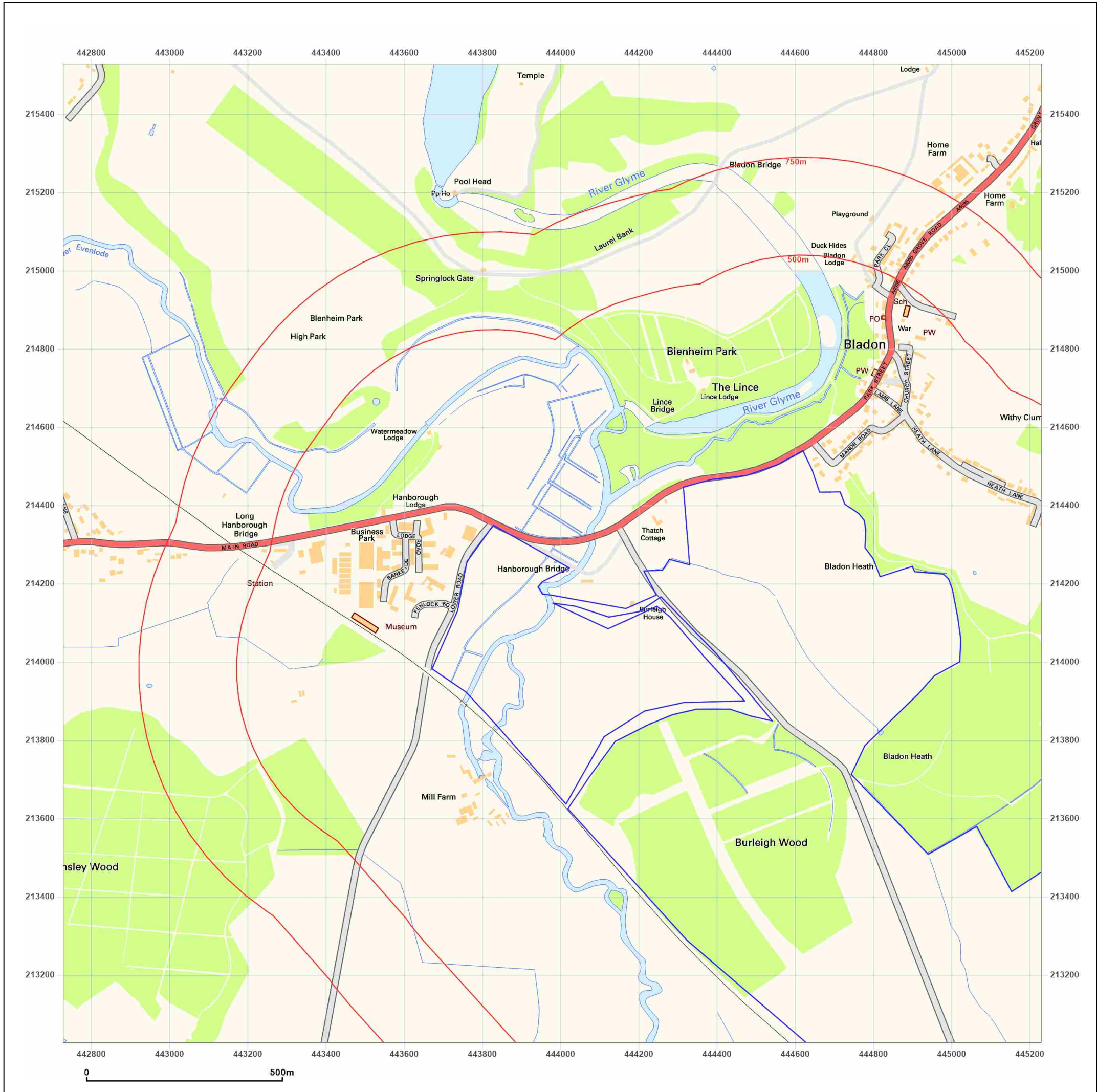


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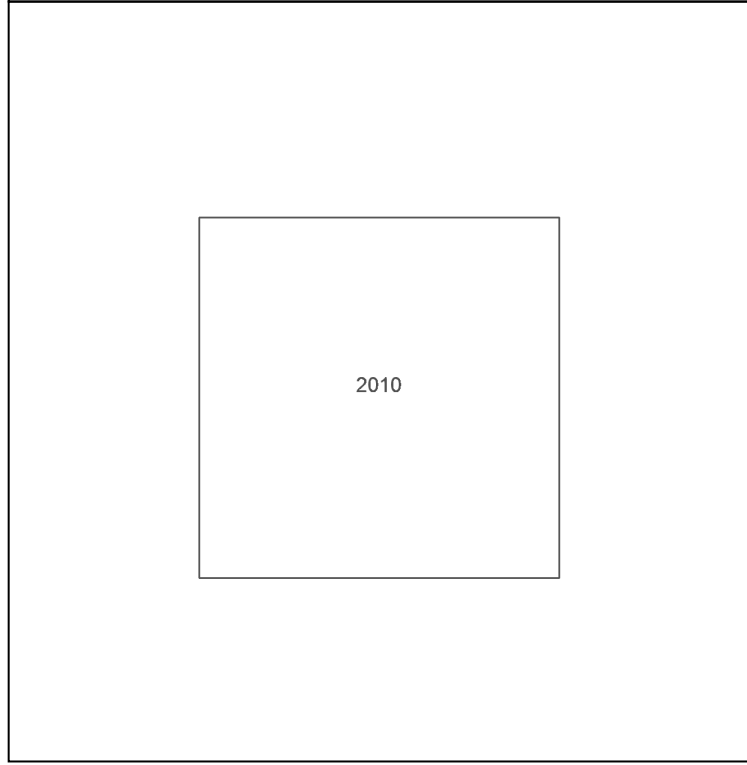
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**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** National Grid

**Map date:** 2010

**Scale:** 1:10,000

**Printed at:** 1:10,000

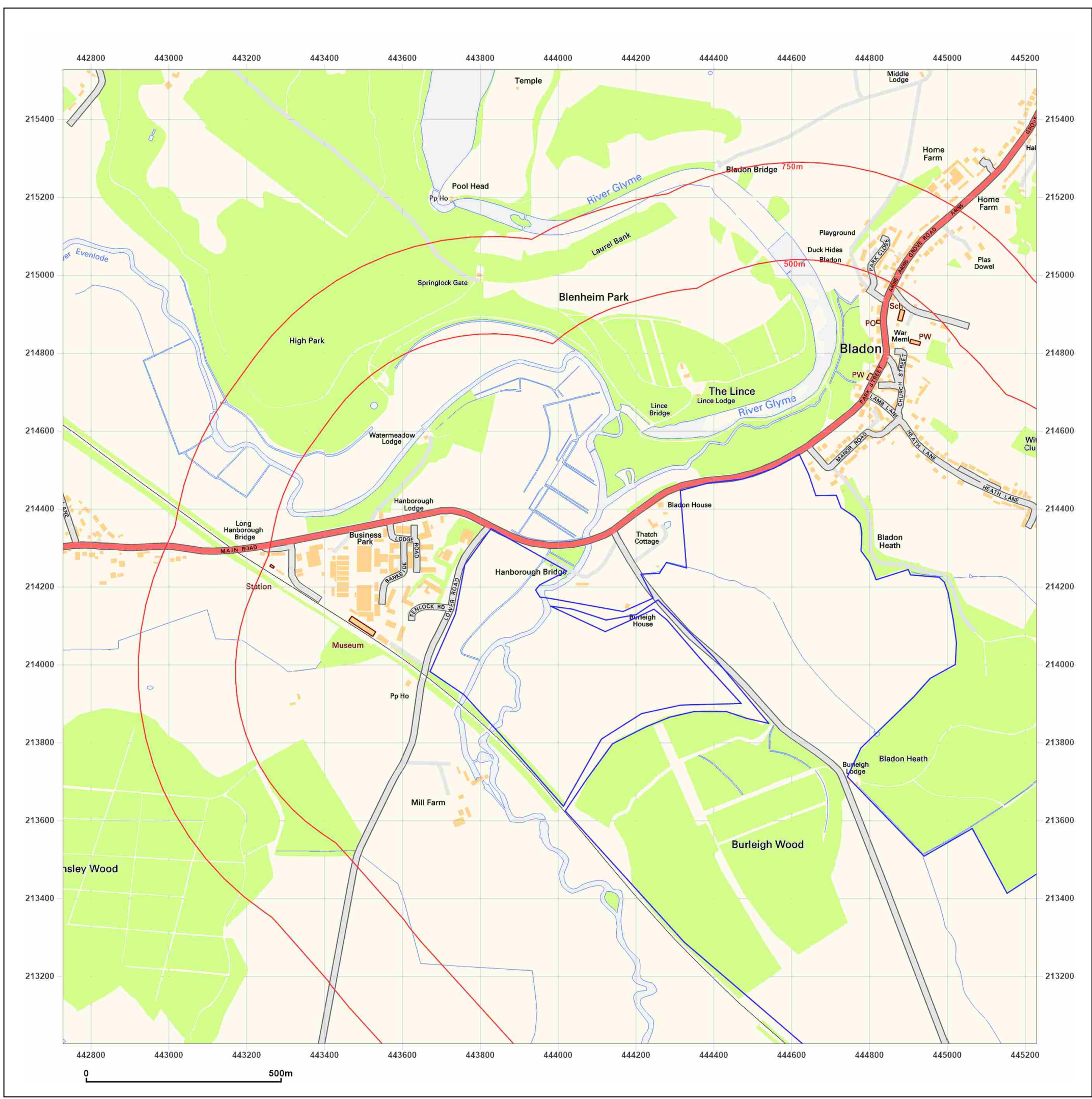


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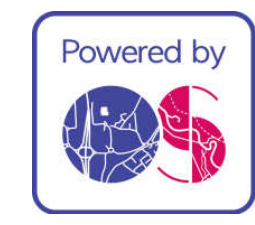
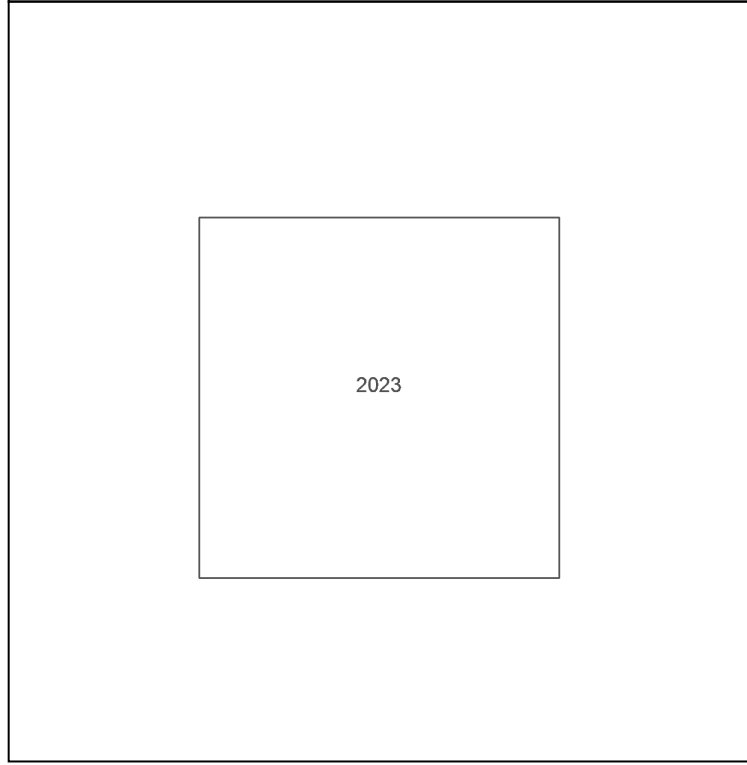
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**Report Ref:** GSIP-2023-14174-15953\_SS\_1\_2  
**Grid Ref:** 443979, 214277

**Map Name:** National Grid

**Map date:** 2023

**Scale:** 1:10,000

**Printed at:** 1:10,000

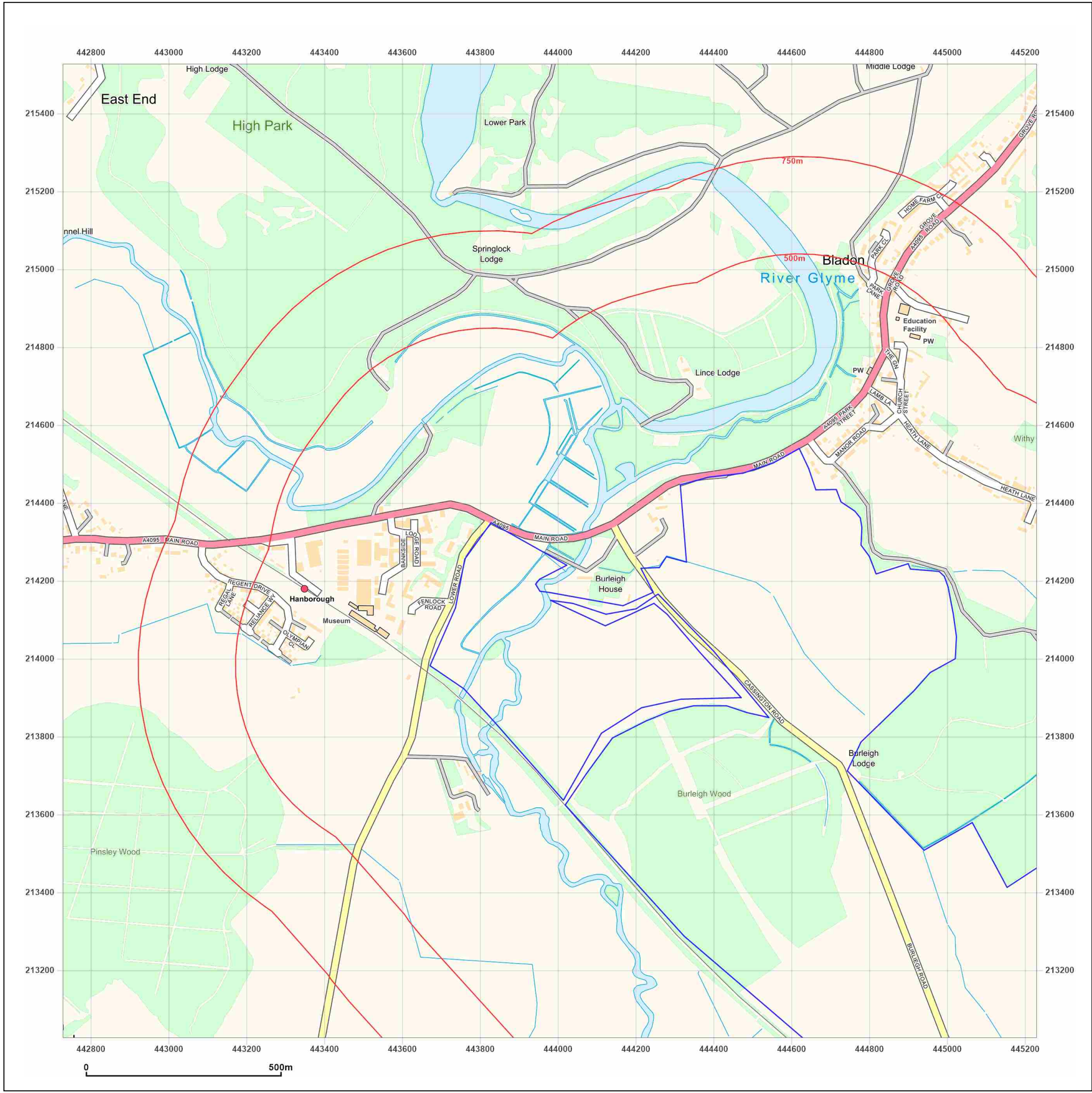


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

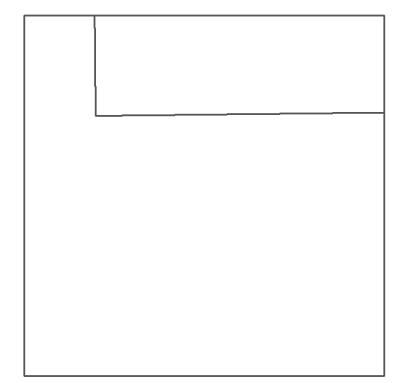
**Map date:** 1876

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1876  
 Revised 1876  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

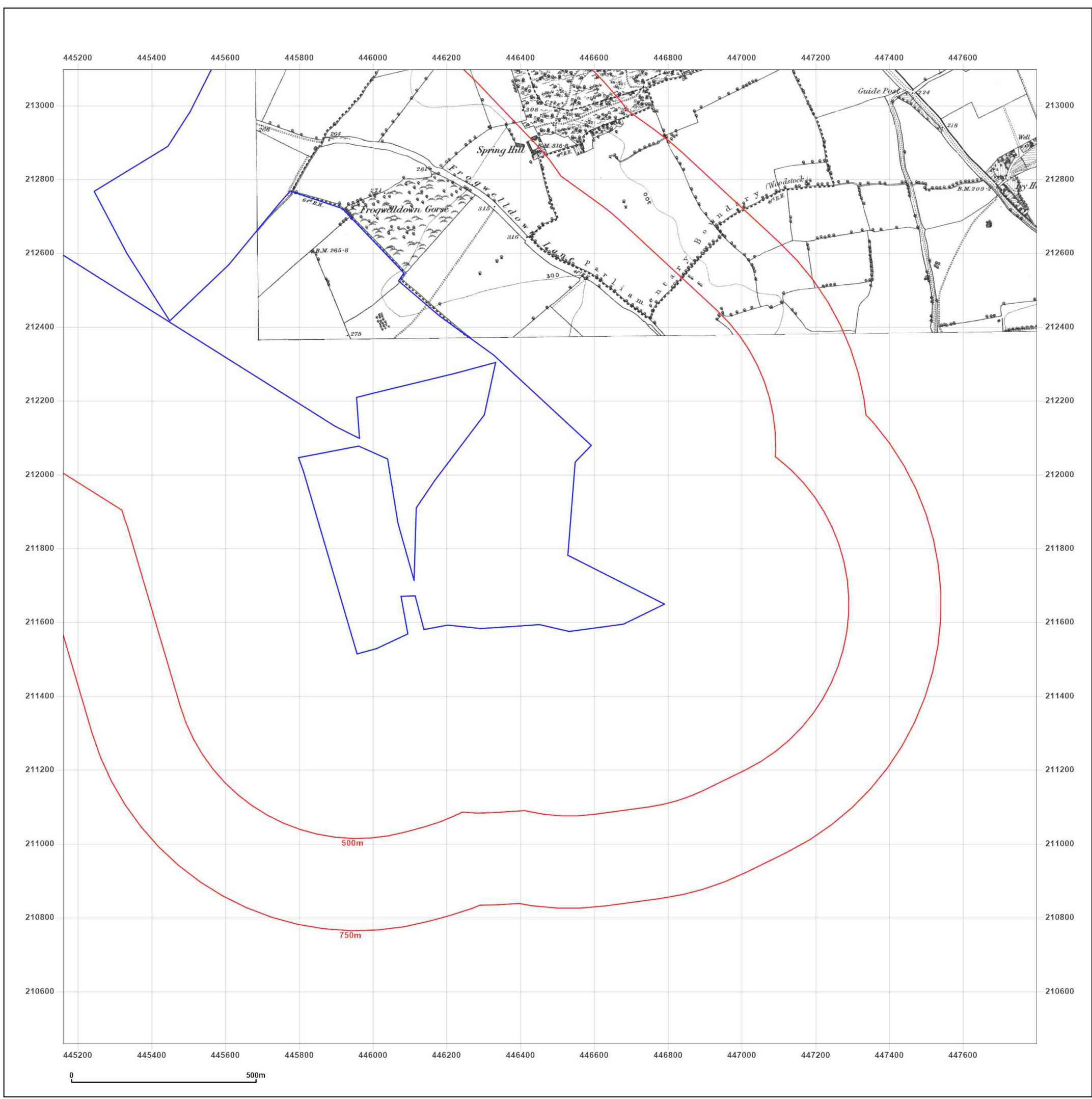


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

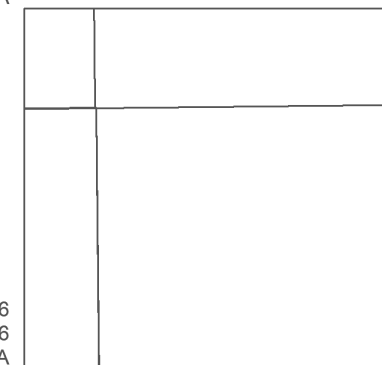
**Map date:** 1876-1880

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1880  
 Revised 1880  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed 1876  
 Revised 1876  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1876  
 Revised 1876  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

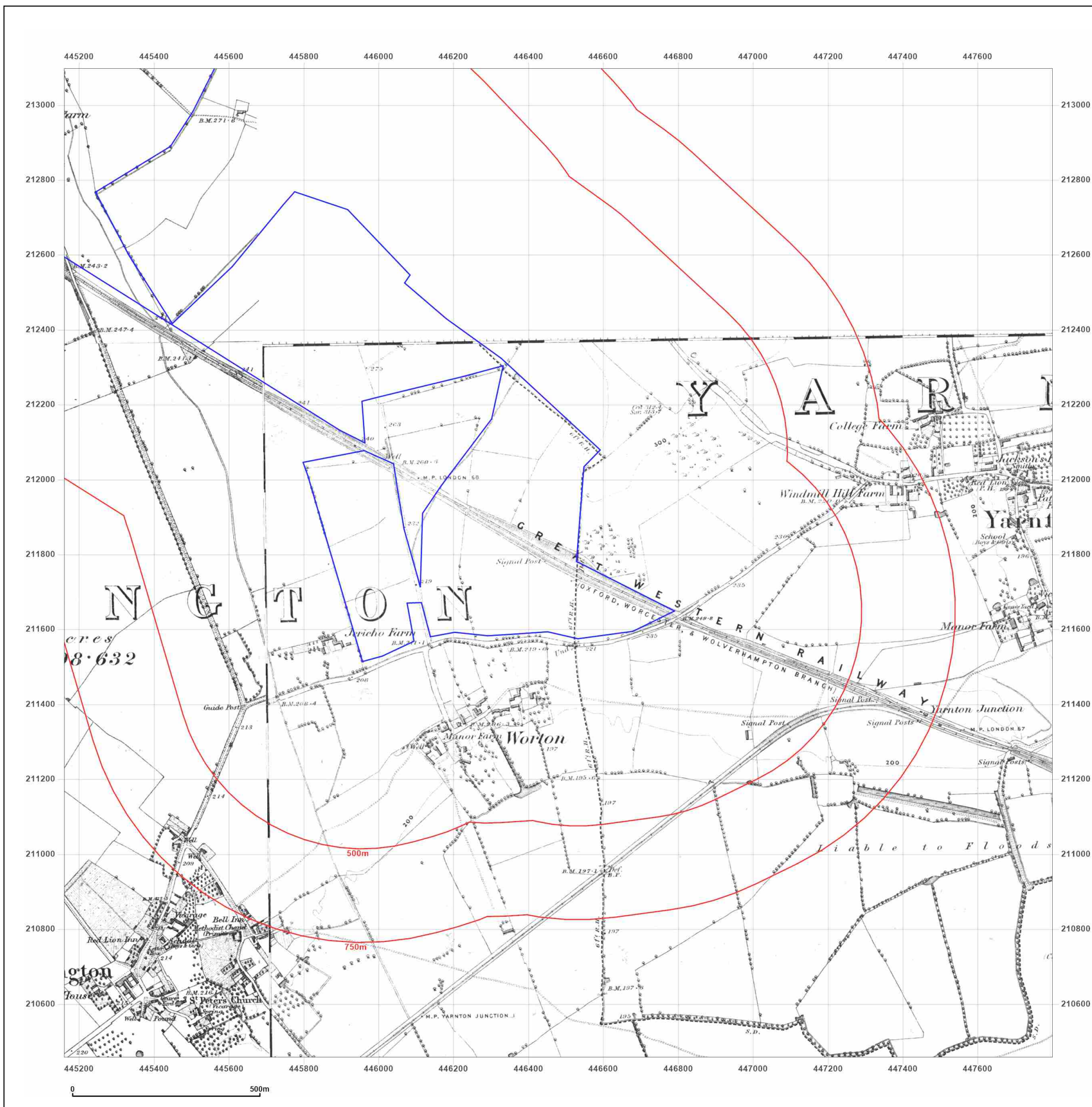


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

**Map date:** 1898-1900

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
 Revised 1898  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1873  
 Revised 1898  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1875  
 Revised 1898  
 Edition 1900  
 Copyright N/A  
 Levelled N/A

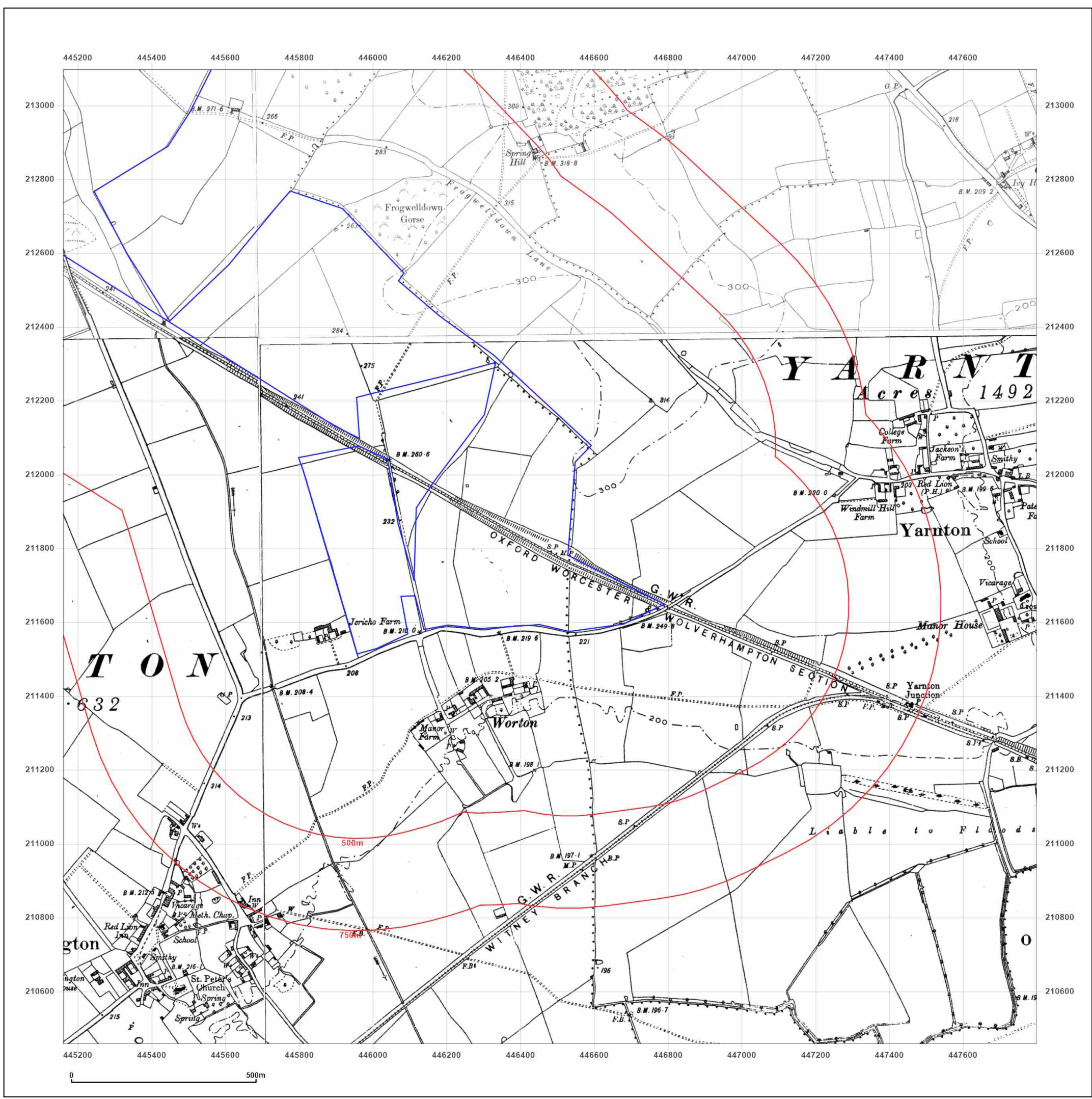


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

**Map date:** 1900

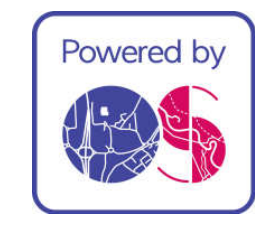
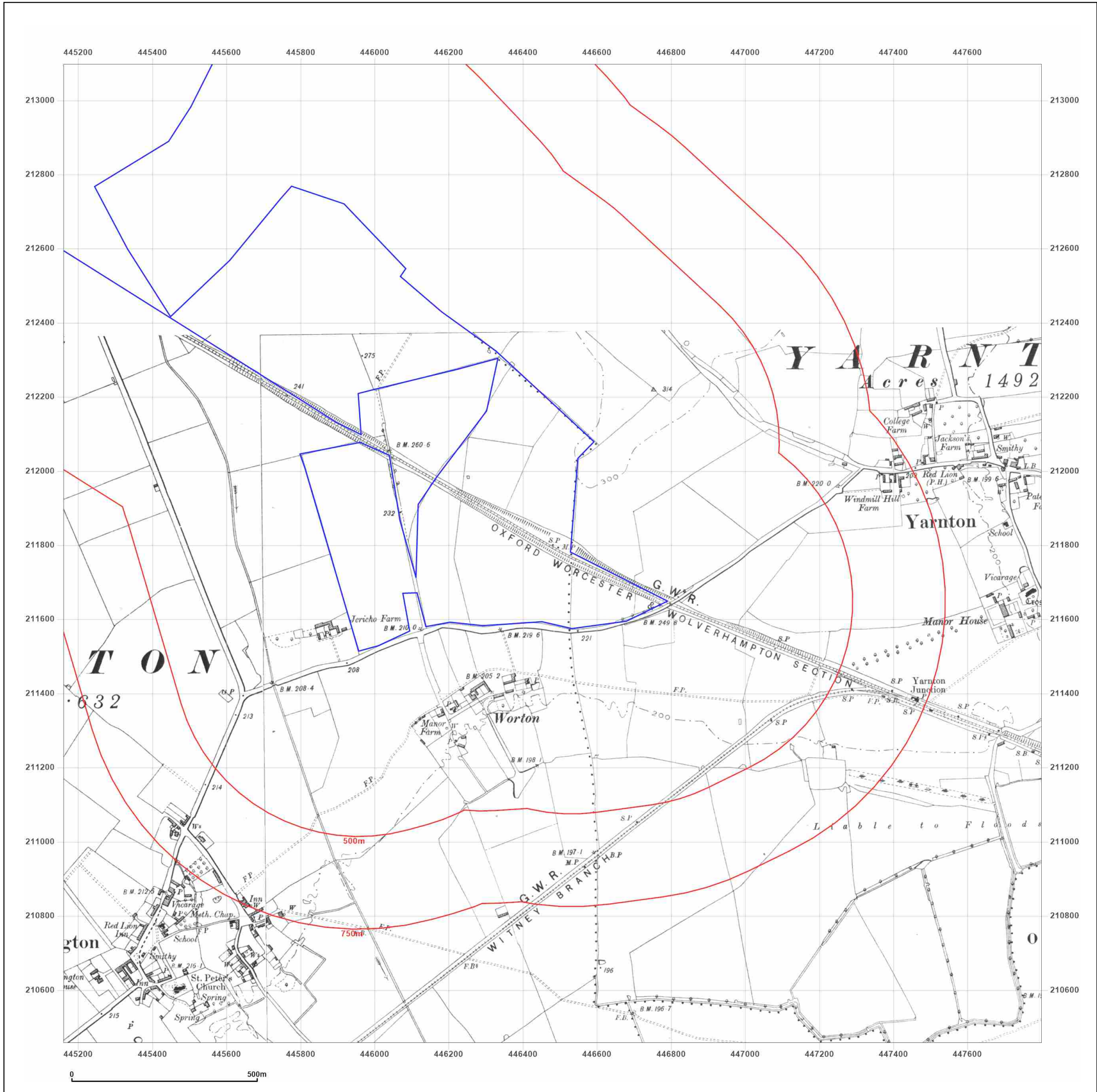
**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
Revised 1900  
Edition N/A  
Copyright N/A  
Levelled N/A

Surveyed 1875  
Revised 1900  
Edition N/A  
Copyright N/A  
Levelled N/A



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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

**Map date:** 1911

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A	Surveyed N/A
Revised N/A	Revised N/A
Edition N/A	Edition N/A
Copyright N/A	Copyright N/A
Levelled N/A	Levelled N/A

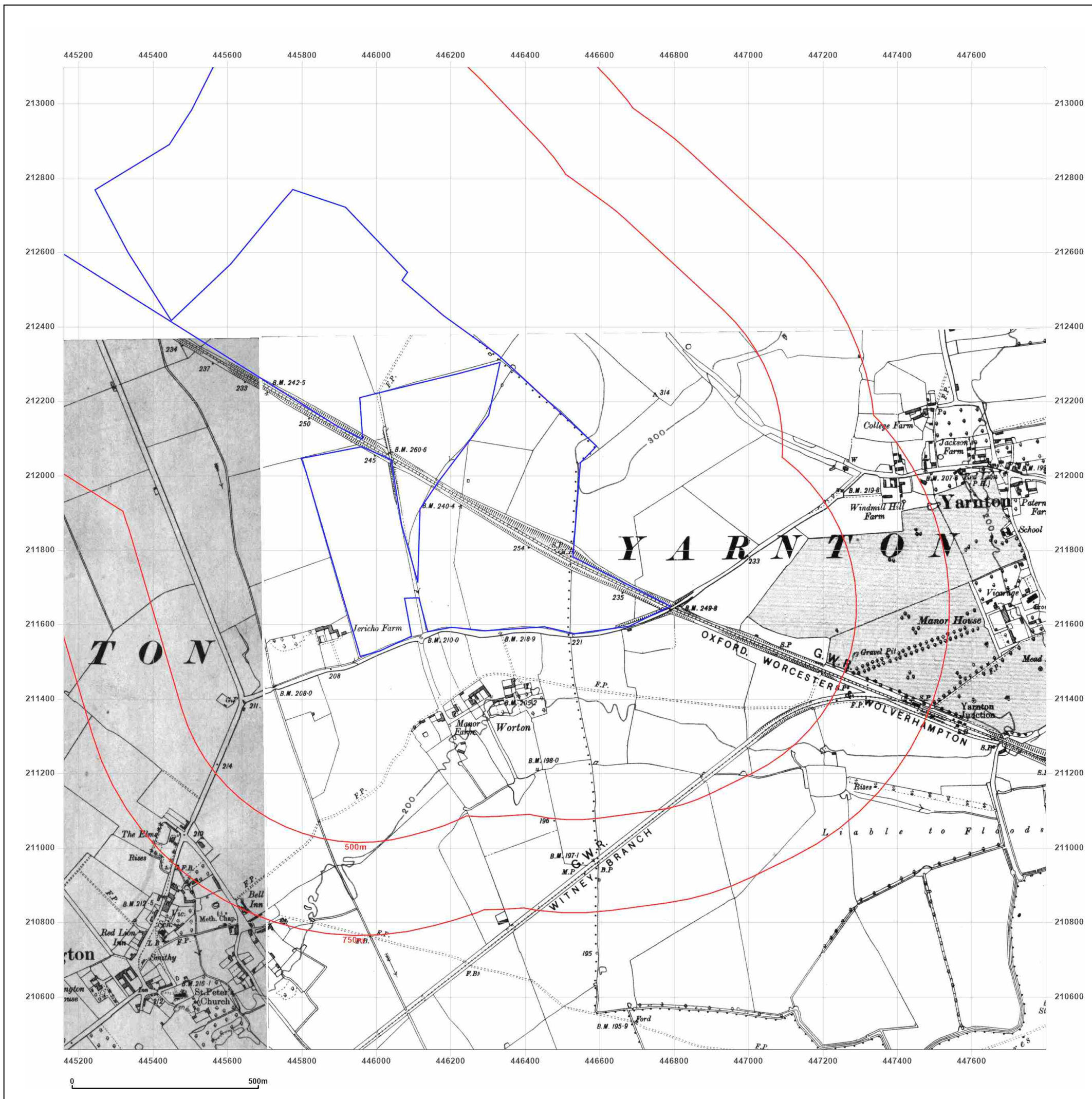


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
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**Map Name:** County Series

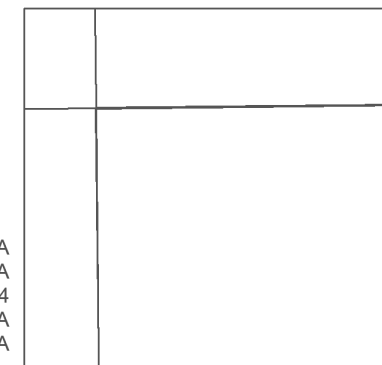
**Map date:** 1914-1919

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1873  
 Revised 1919  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed N/A  
 Revised N/A  
 Edition 1914  
 Copyright N/A  
 Levelled N/A

Surveyed 1872  
 Revised 1911  
 Edition 1914  
 Copyright N/A  
 Levelled N/A

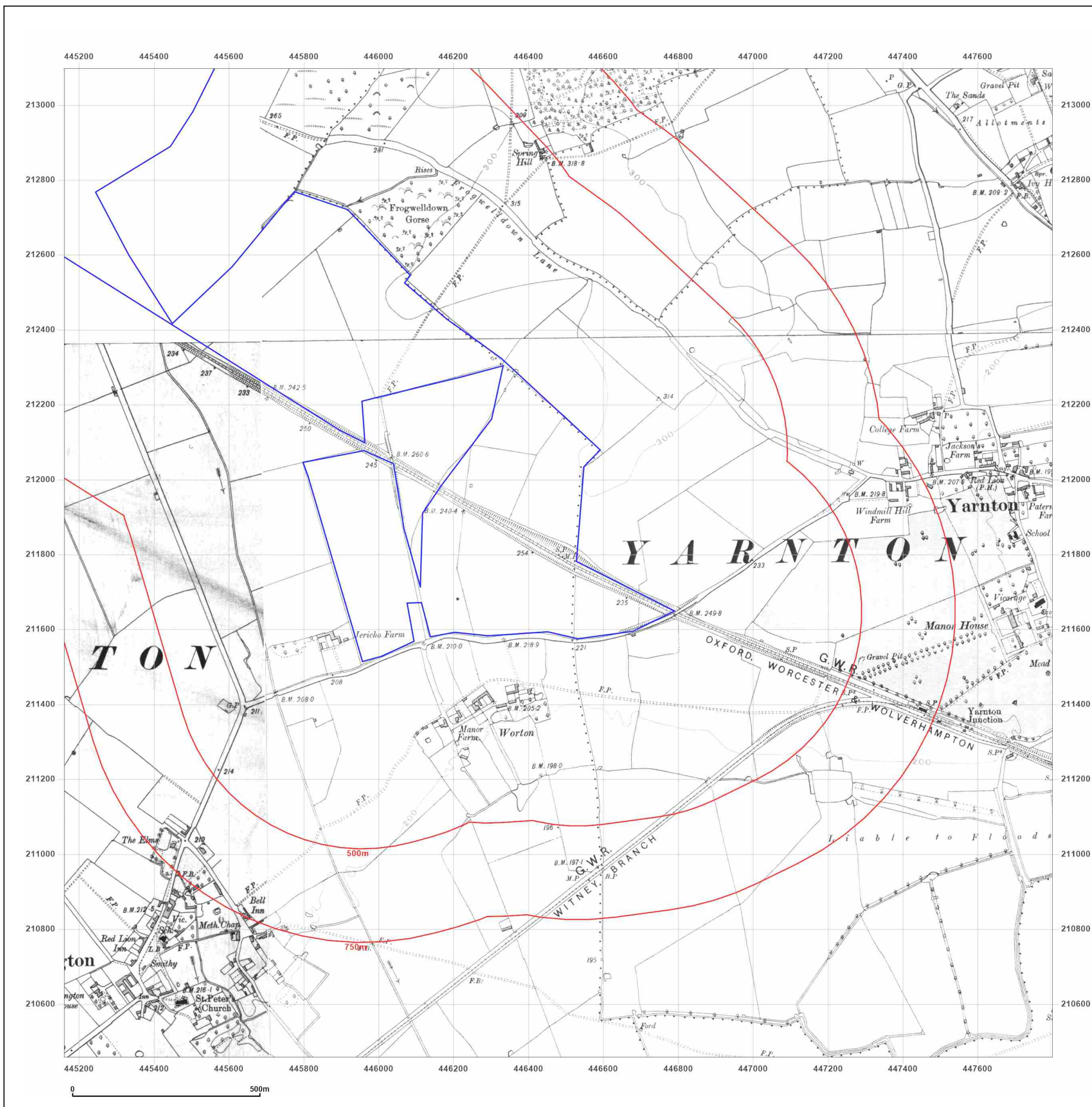


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

**Map date:** 1914-1919

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1872  
 Revised 1914  
 Edition 1914  
 Copyright N/A  
 Levelled N/A

Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

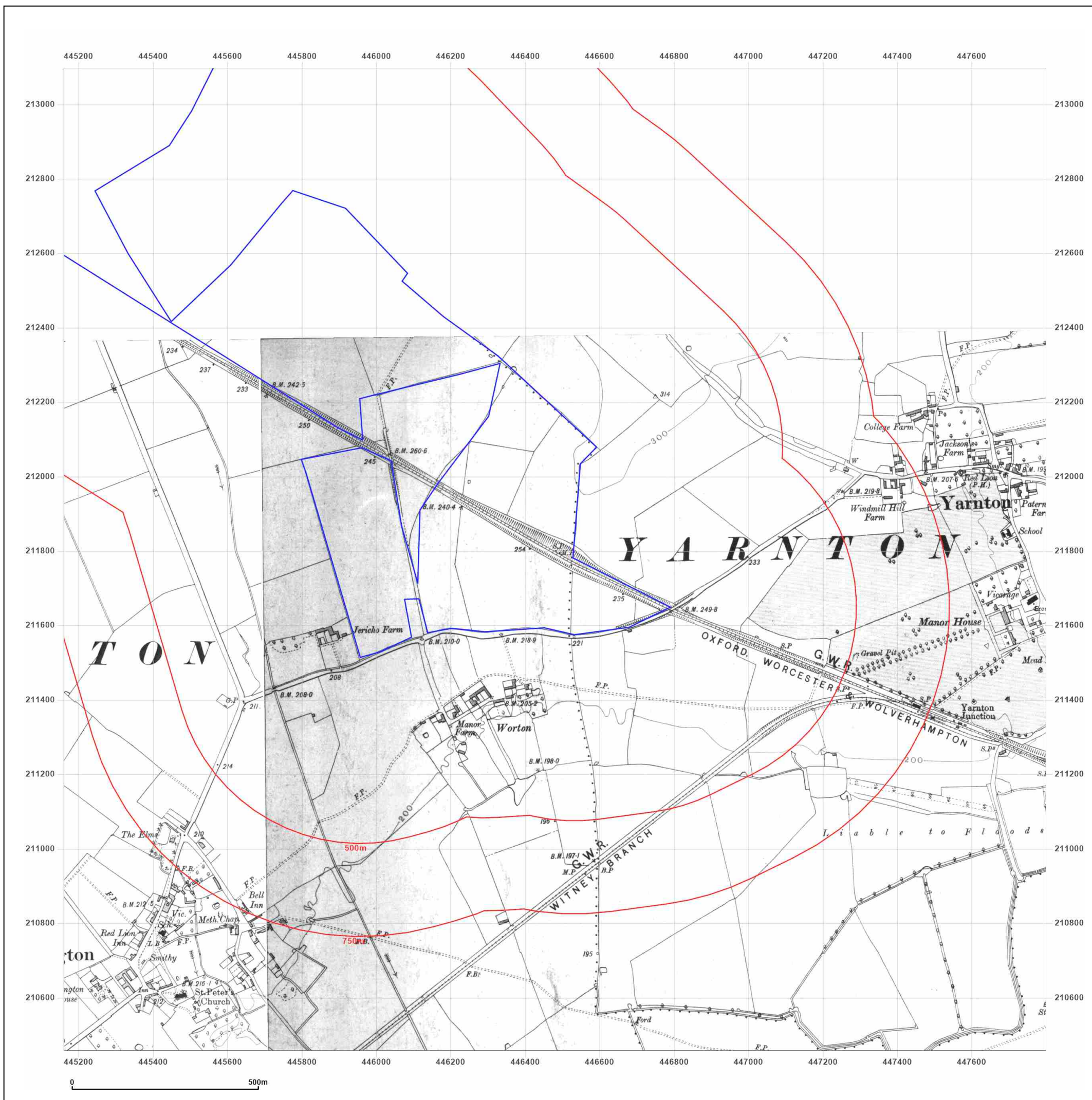


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**Site Details:**

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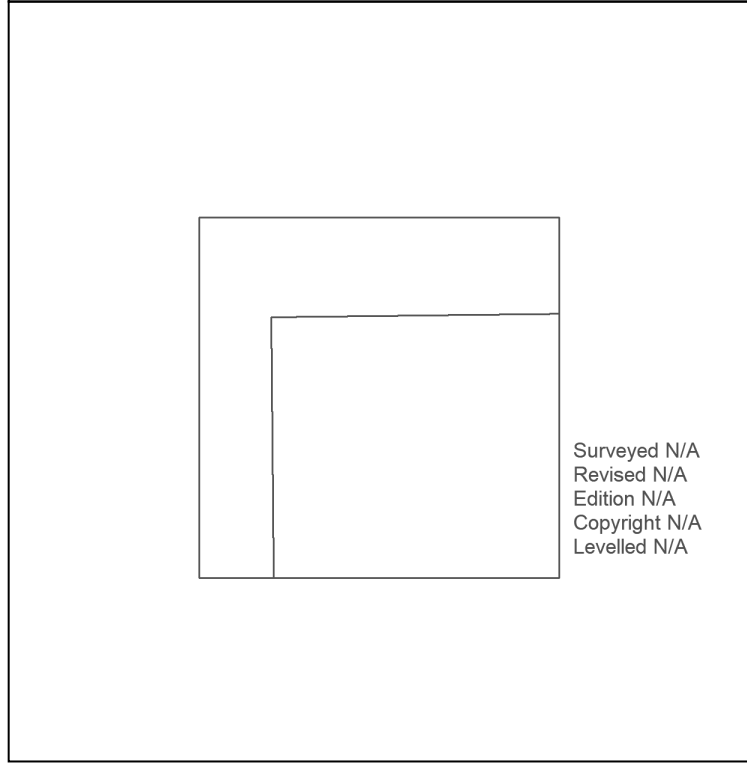
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**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** County Series

**Map date:** 1938

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A  
 Revised N/A  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

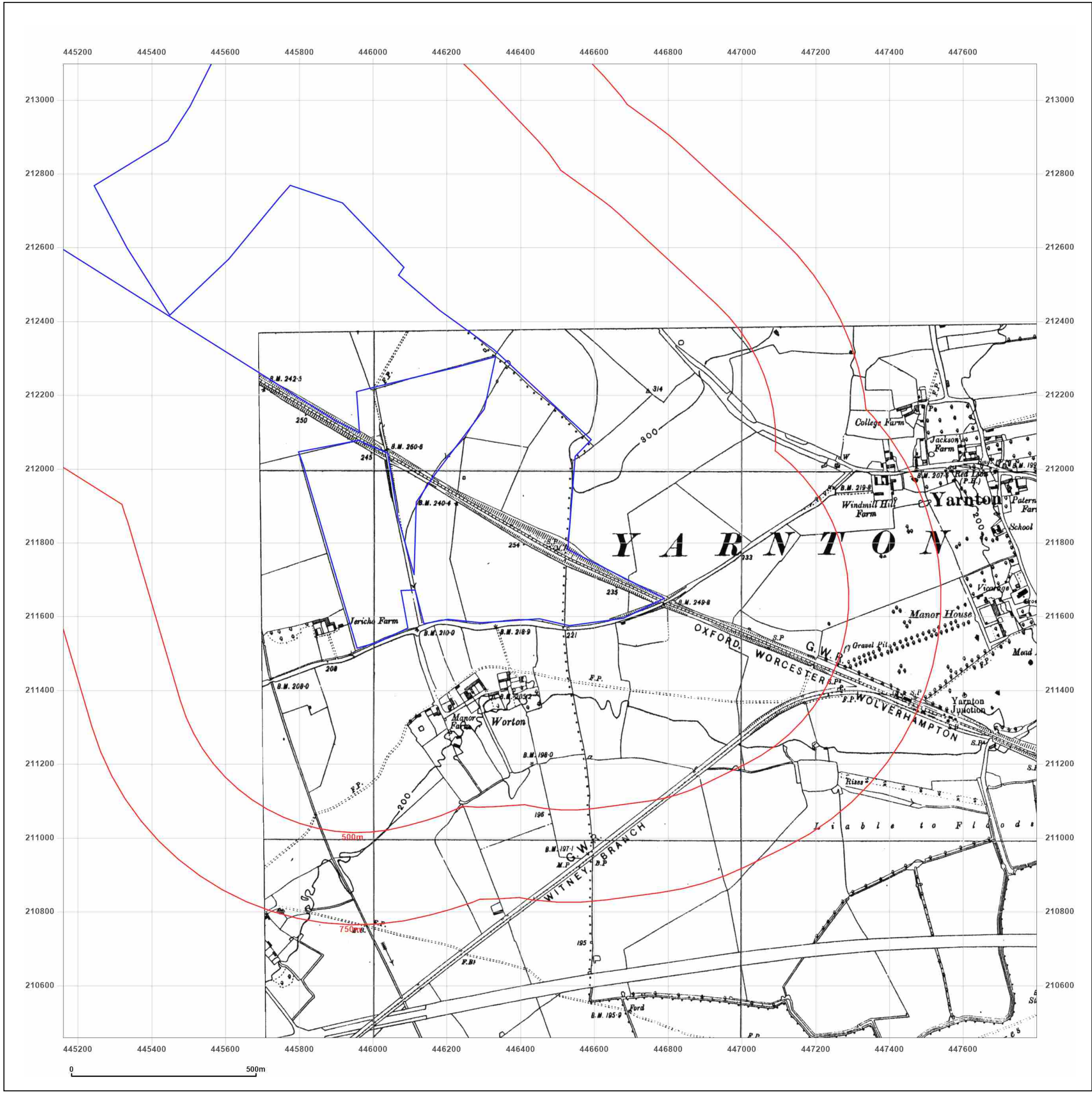


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**Site Details:**

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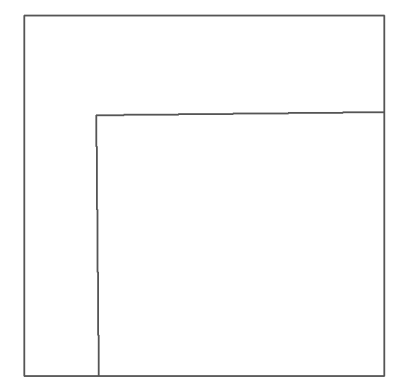
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**Grid Ref:** 446479, 211777

**Map Name:** County Series

**Map date:** 1938

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1872  
 Revised 1938  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

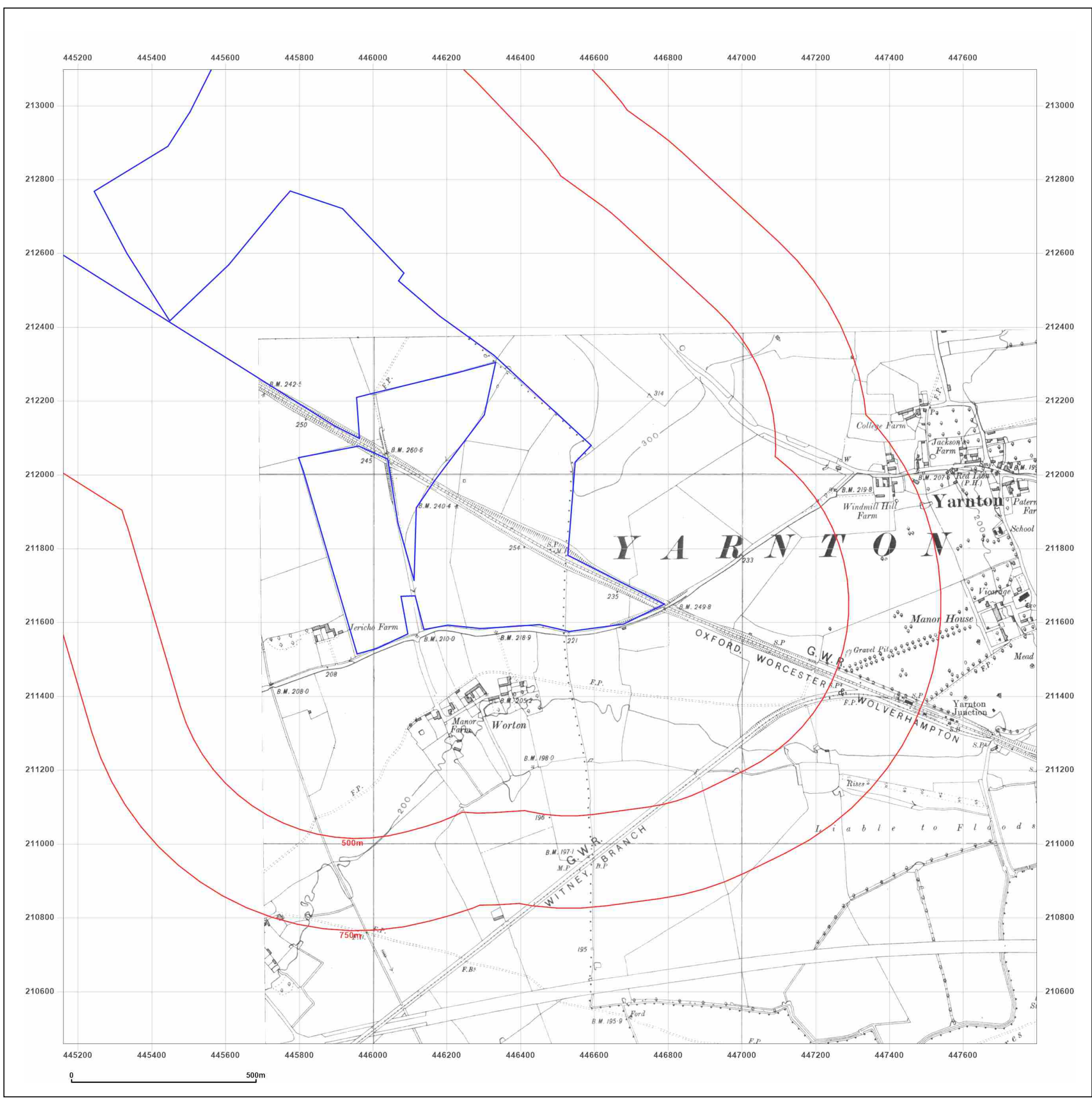


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
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**Map Name:** County Series

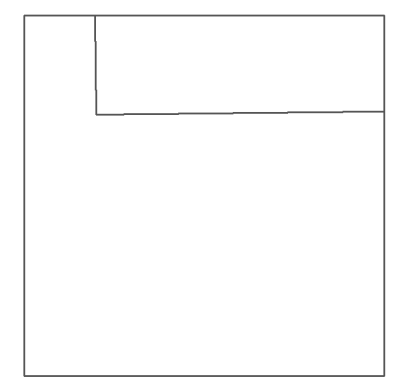
**Map date:** 1947

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**Printed at:** 1:10,560



Surveyed 1873  
 Revised 1947  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

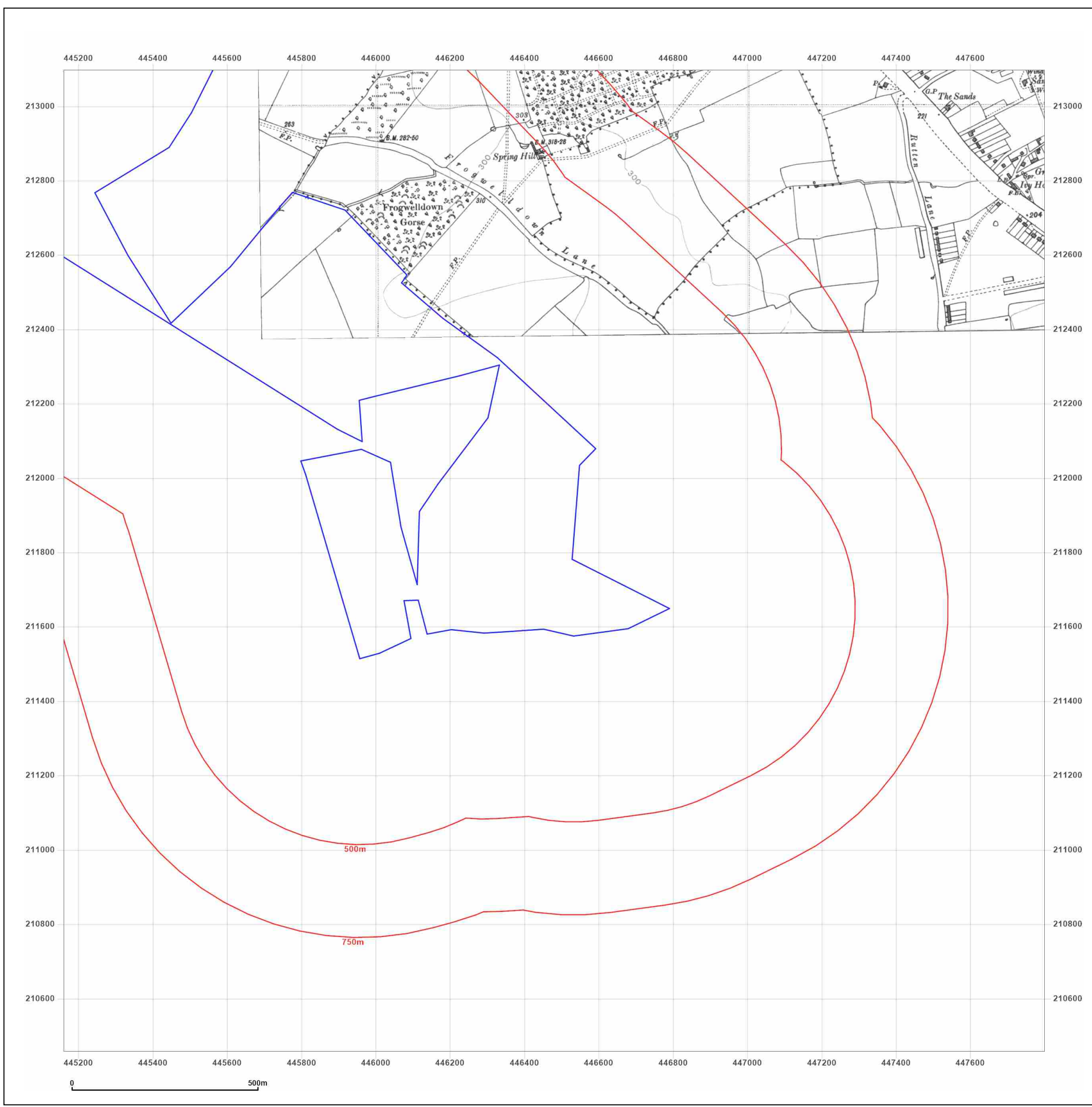


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Map legend available at:



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** Provisional

**Map date:** 1954

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1950  
 Revised 1950  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

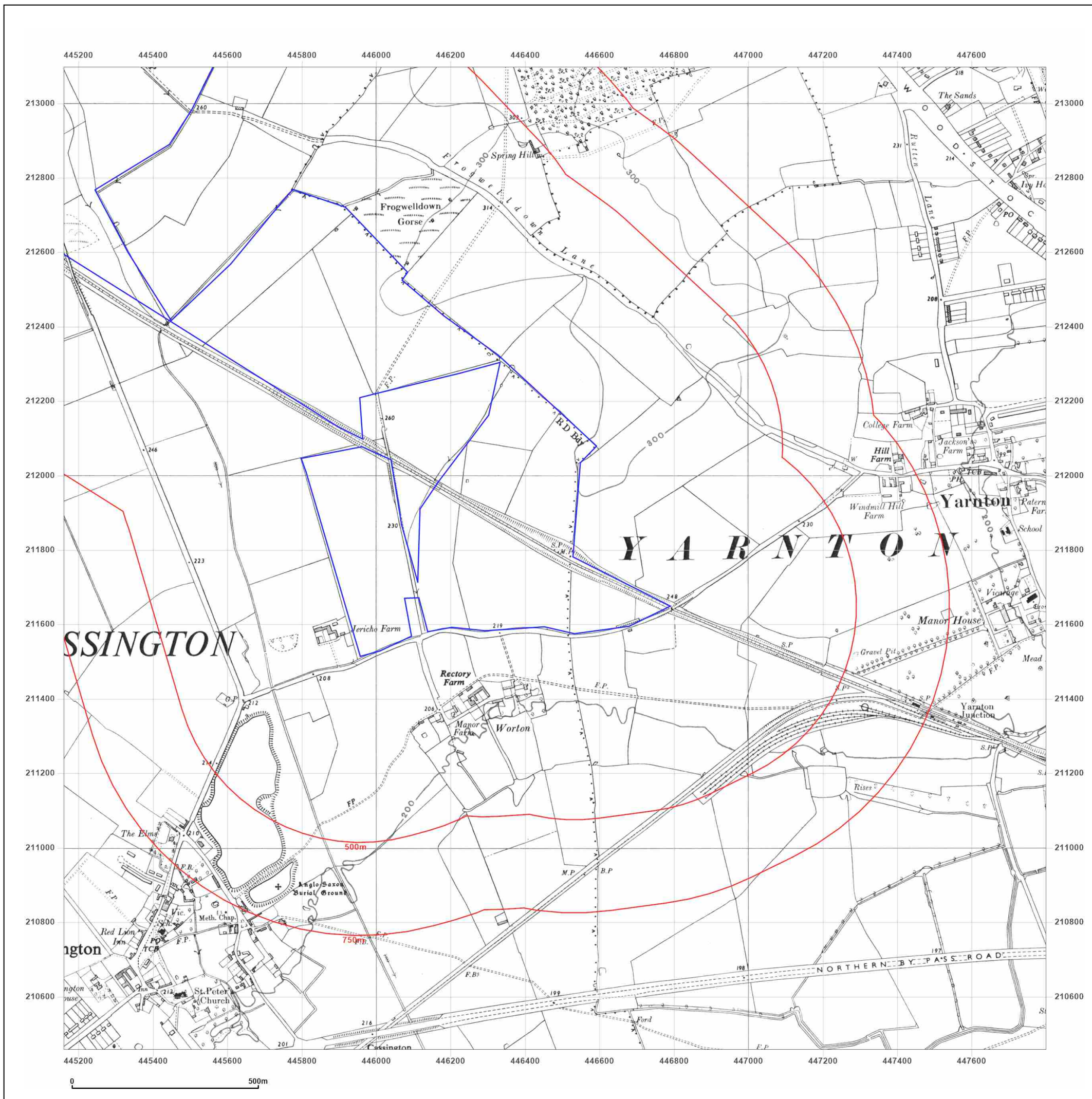


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Production date: 13 October 2023

Map legend available at:



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** Provisional

**Map date:** 1955

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1950  
 Revised 1950  
 Edition N/A  
 Copyright 1955  
 Levelled N/A

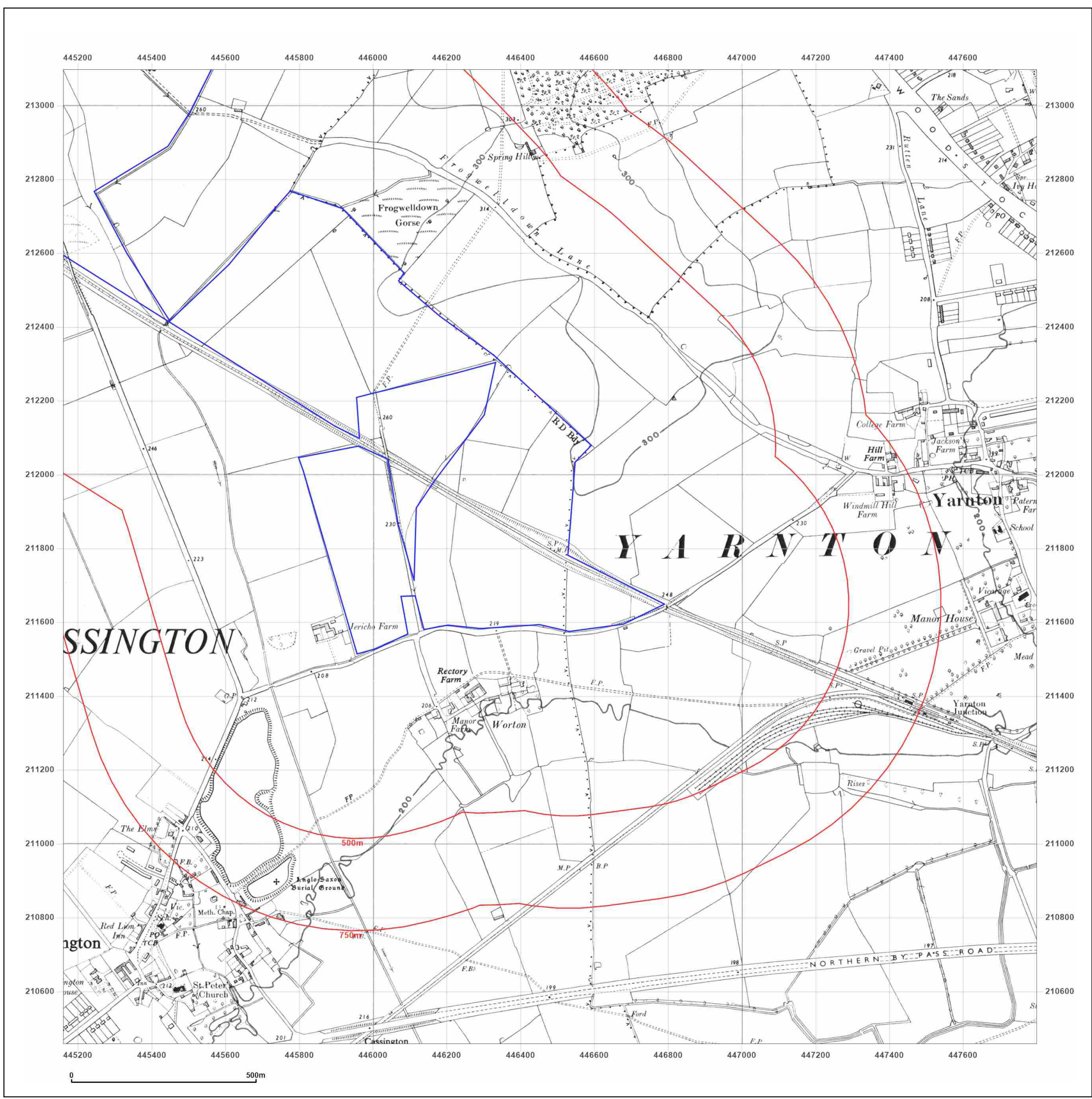


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Map legend available at:



**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** Provisional

**Map date:** 1967

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1950  
 Revised 1967  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

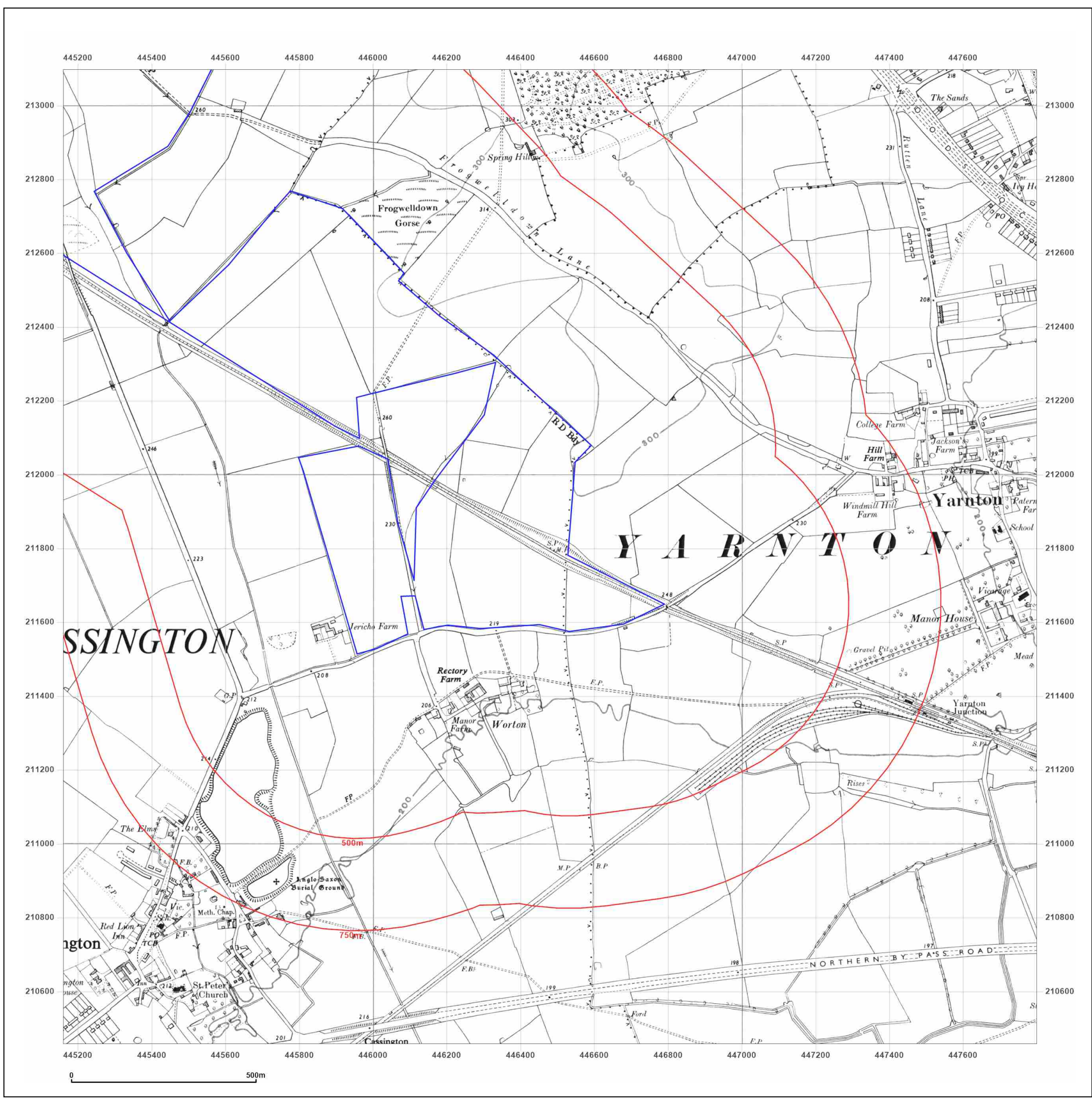


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** Provisional

**Map date:** 1969

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A  
 Revised 1969  
 Edition 1955  
 Copyright N/A  
 Levelled N/A

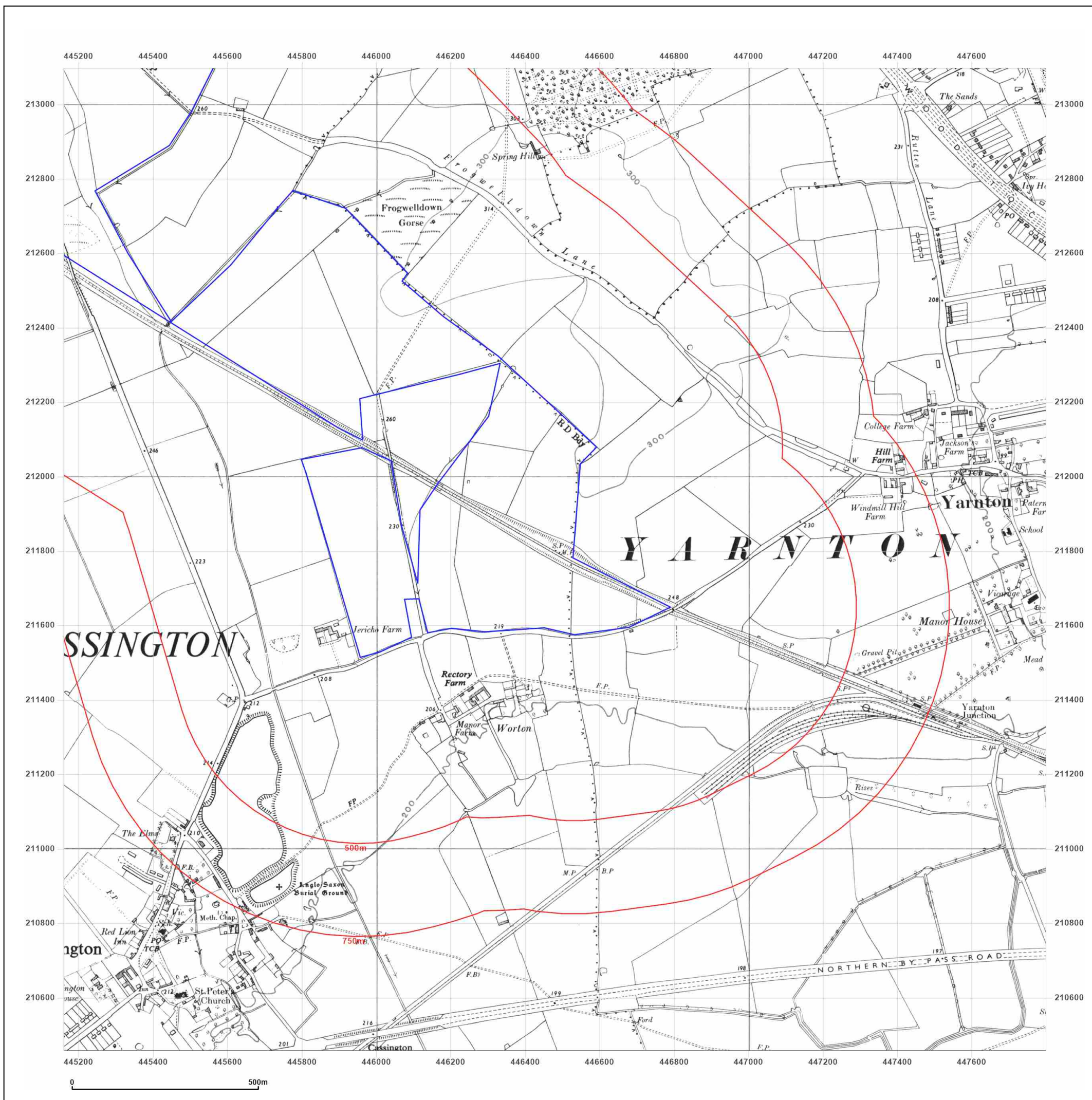


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**Site Details:**

West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** National Grid

**Map date:** 1981

**Scale:** 1:10,000

**Printed at:** 1:10,000



Surveyed 1977  
 Revised 1981  
 Edition N/A  
 Copyright 1981  
 Levelled 1973

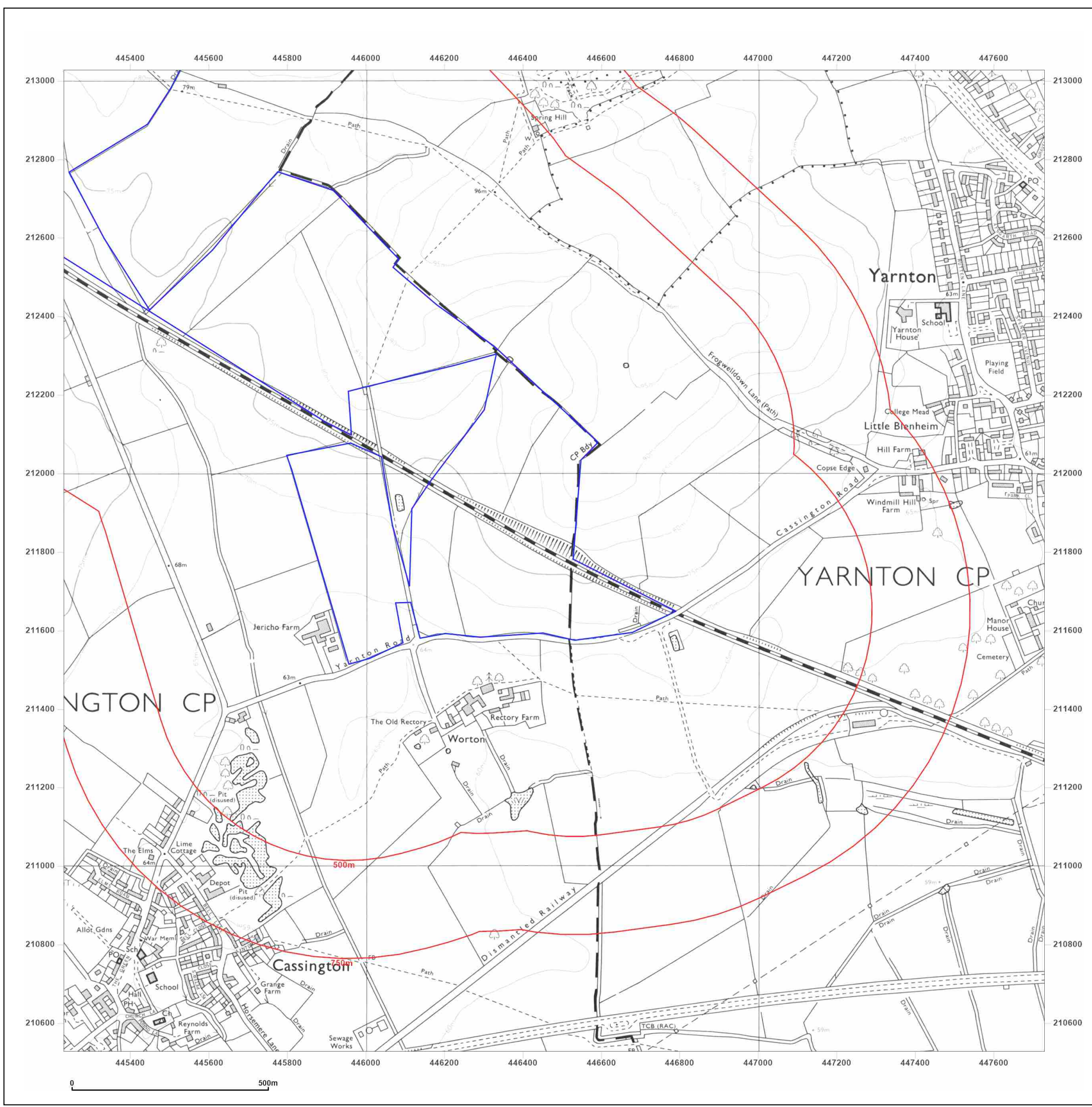


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** National Grid

**Map date:** 1992

**Scale:** 1:10,000

**Printed at:** 1:10,000



Surveyed 1991  
 Revised 1992  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

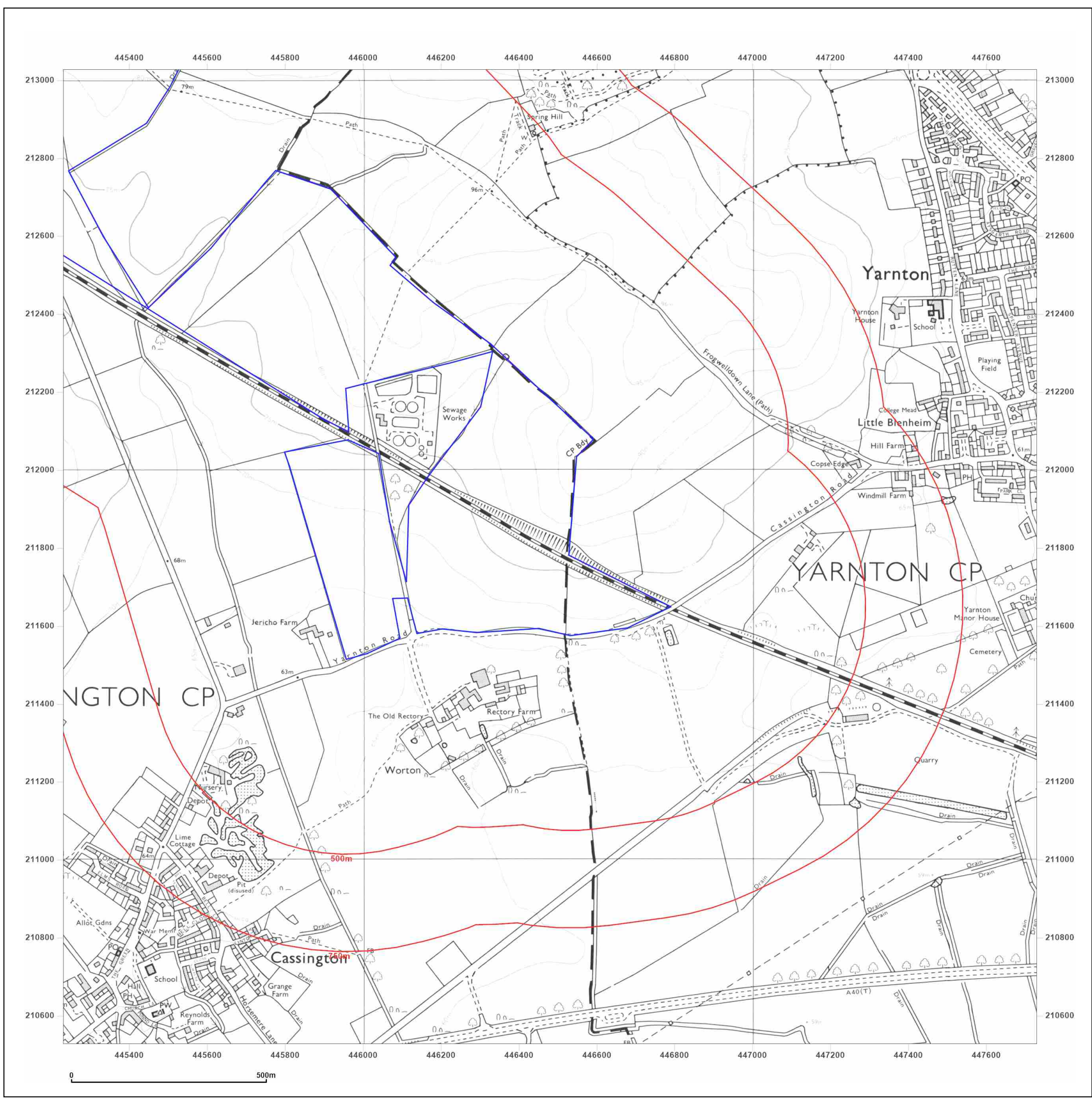


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**Site Details:**

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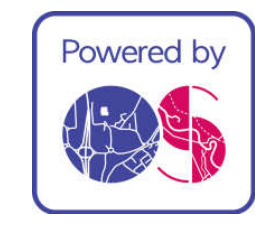
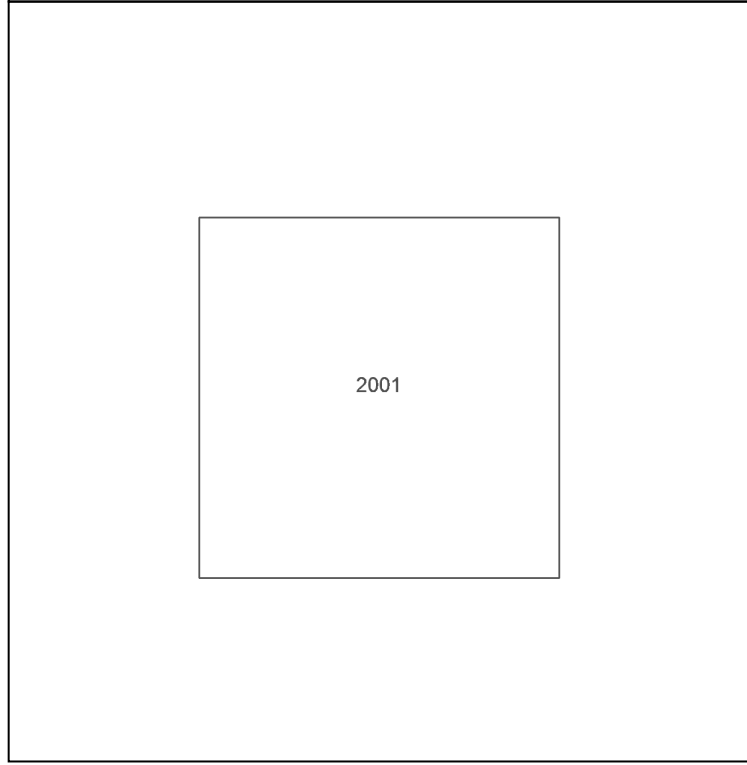
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**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_1  
**Grid Ref:** 446479, 211777

**Map Name:** National Grid

**Map date:** 2001

**Scale:** 1:10,000

**Printed at:** 1:10,000

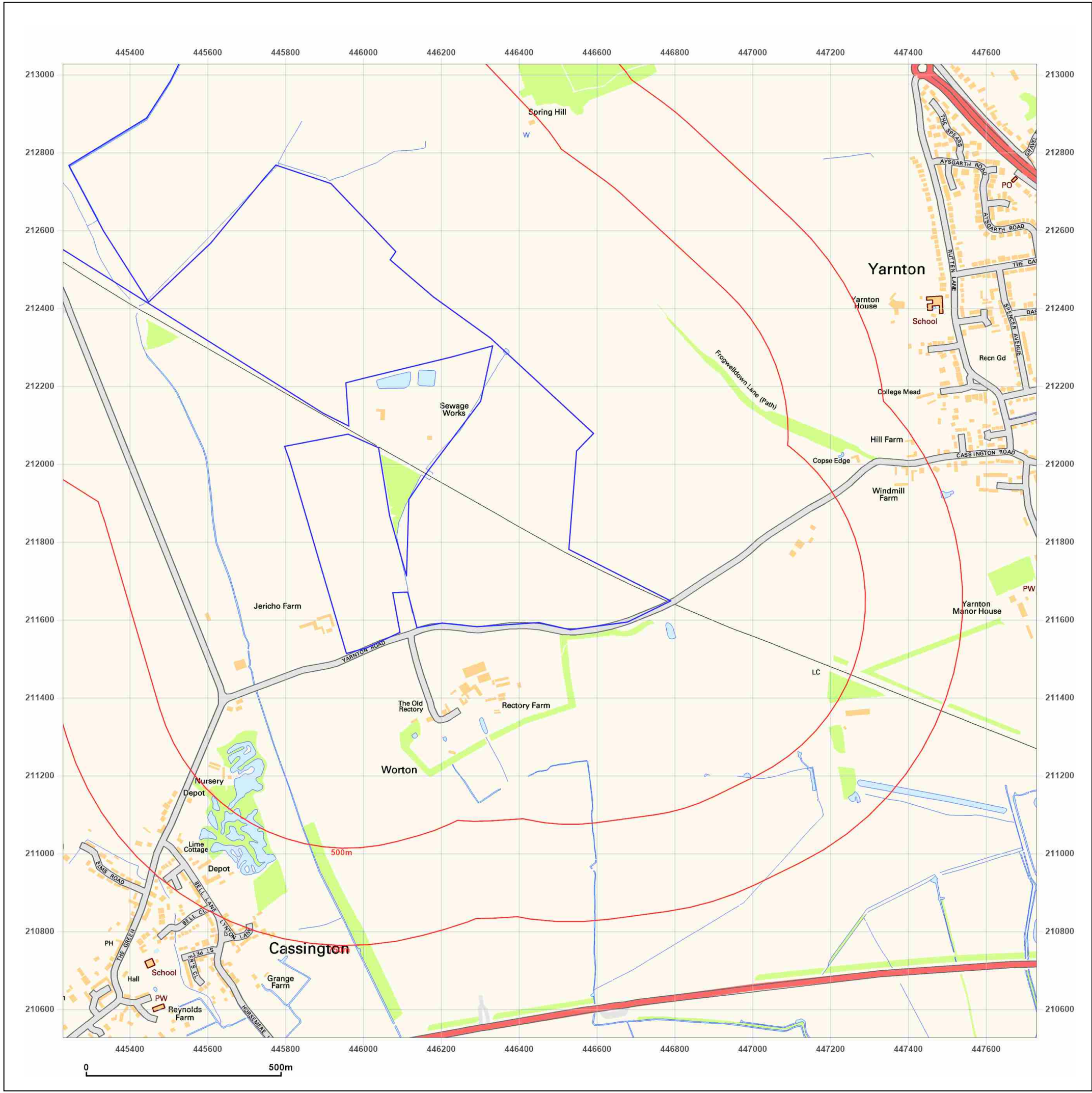


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Map legend available at:



**Site Details:**

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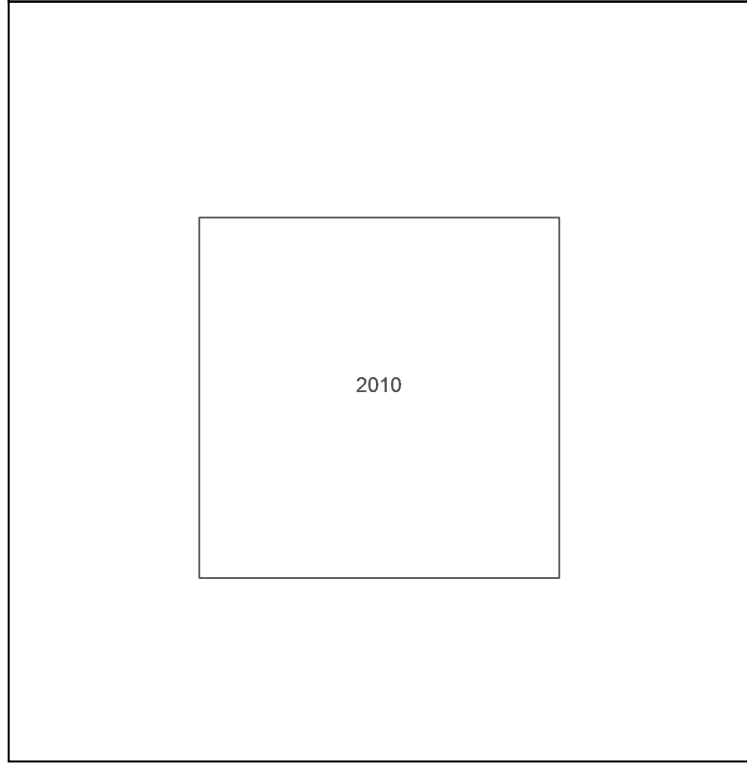
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**Grid Ref:** 446479, 211777

**Map Name:** National Grid

**Map date:** 2010

**Scale:** 1:10,000

**Printed at:** 1:10,000

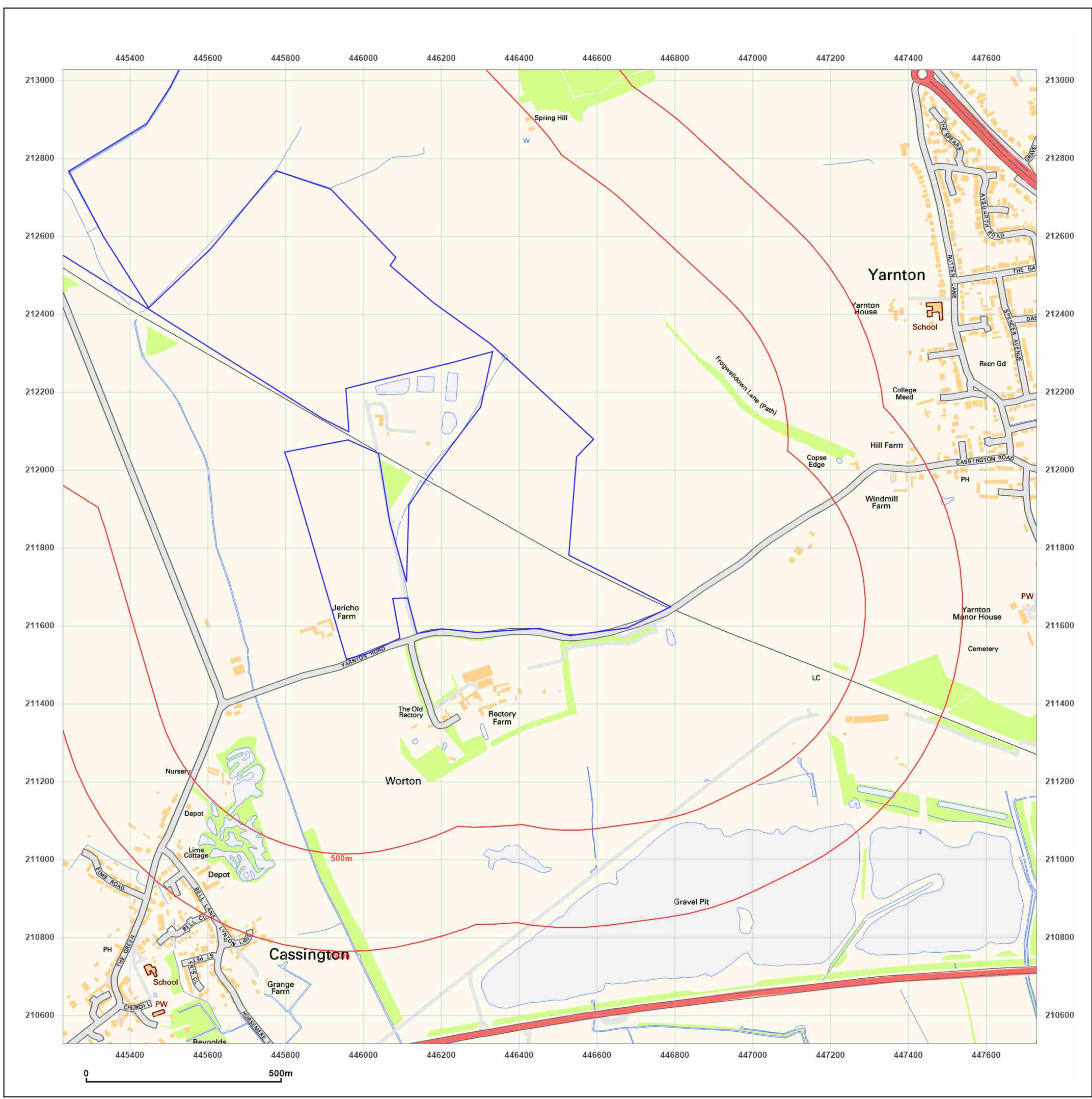


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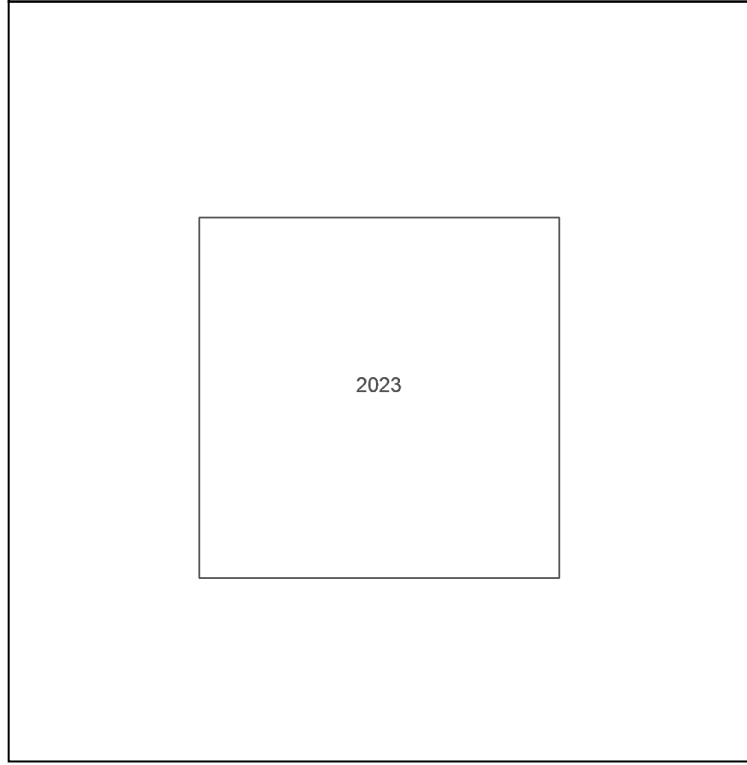
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**Grid Ref:** 446479, 211777

**Map Name:** National Grid

**Map date:** 2023

**Scale:** 1:10,000

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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** County Series

**Map date:** 1876-1880

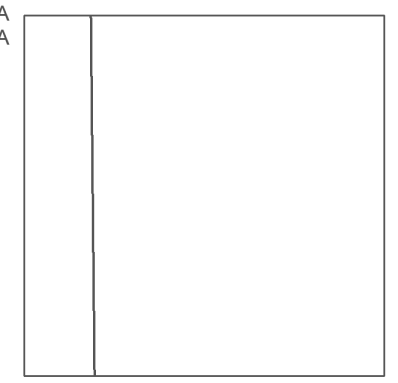
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**Printed at:** 1:10,560



Surveyed 1880  
 Revised 1880  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1876  
 Revised 1876  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

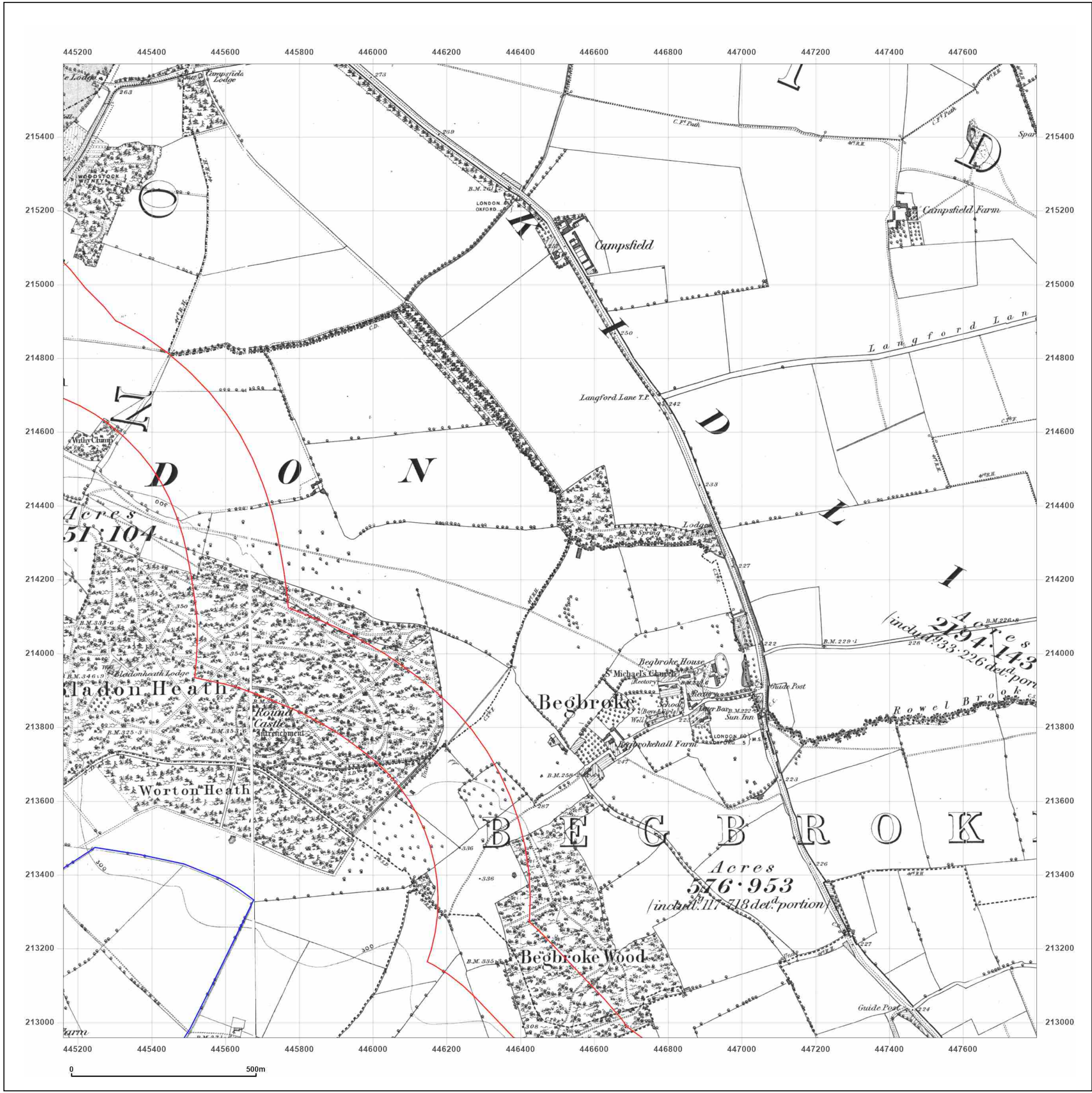


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** County Series

**Map date:** 1898

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1875  
 Revised 1898  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1873  
 Revised 1898  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

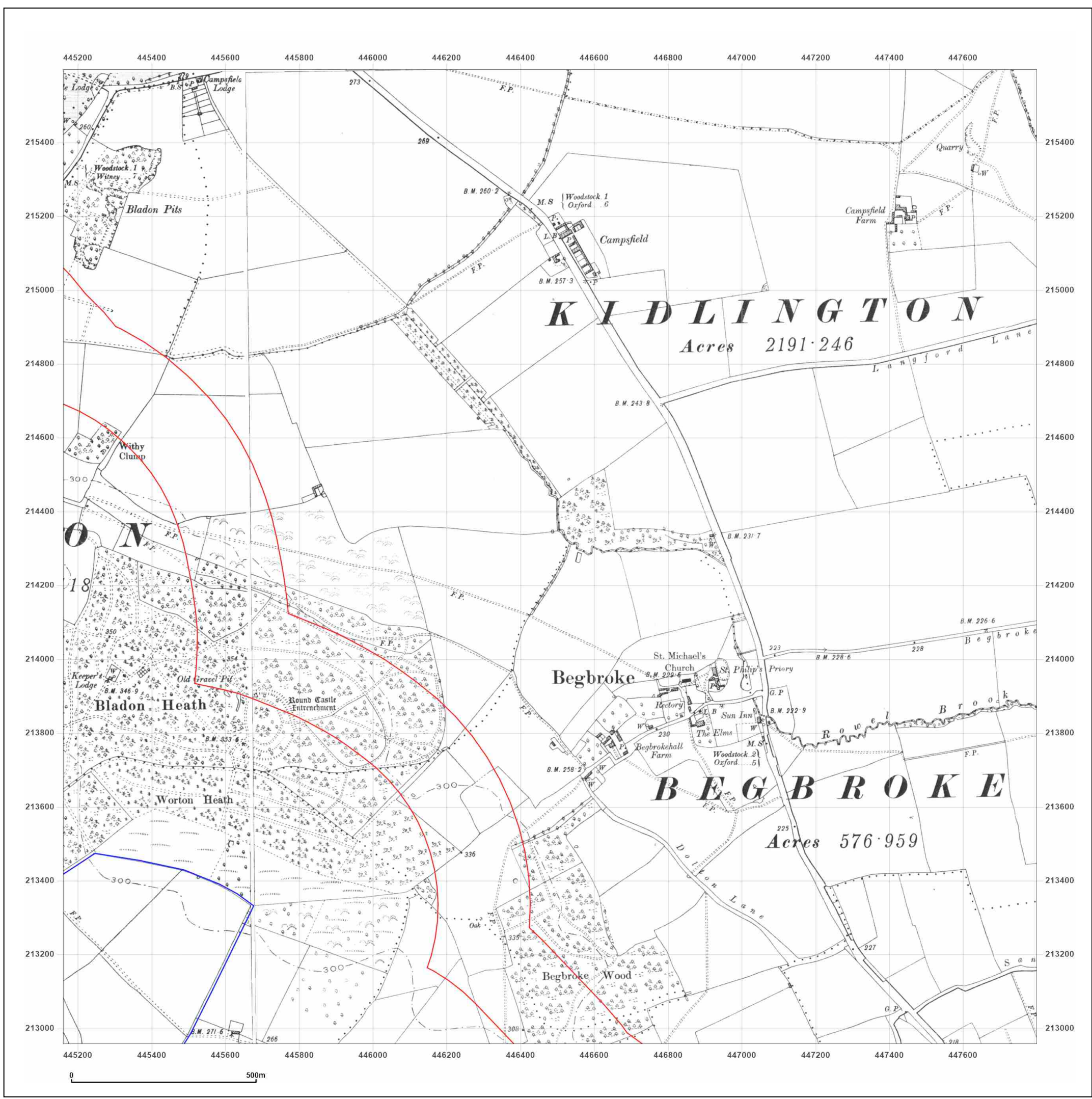


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
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**Map Name:** County Series

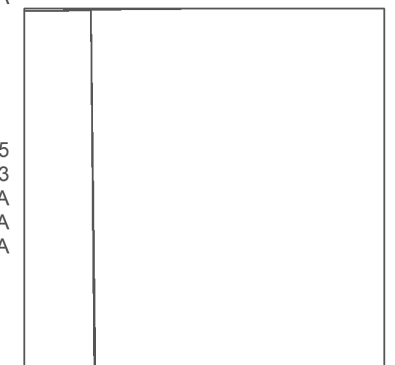
**Map date:** 1919-1923

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1879  
 Revised 1919  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



Surveyed 1875  
 Revised 1923  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1873  
 Revised 1919  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

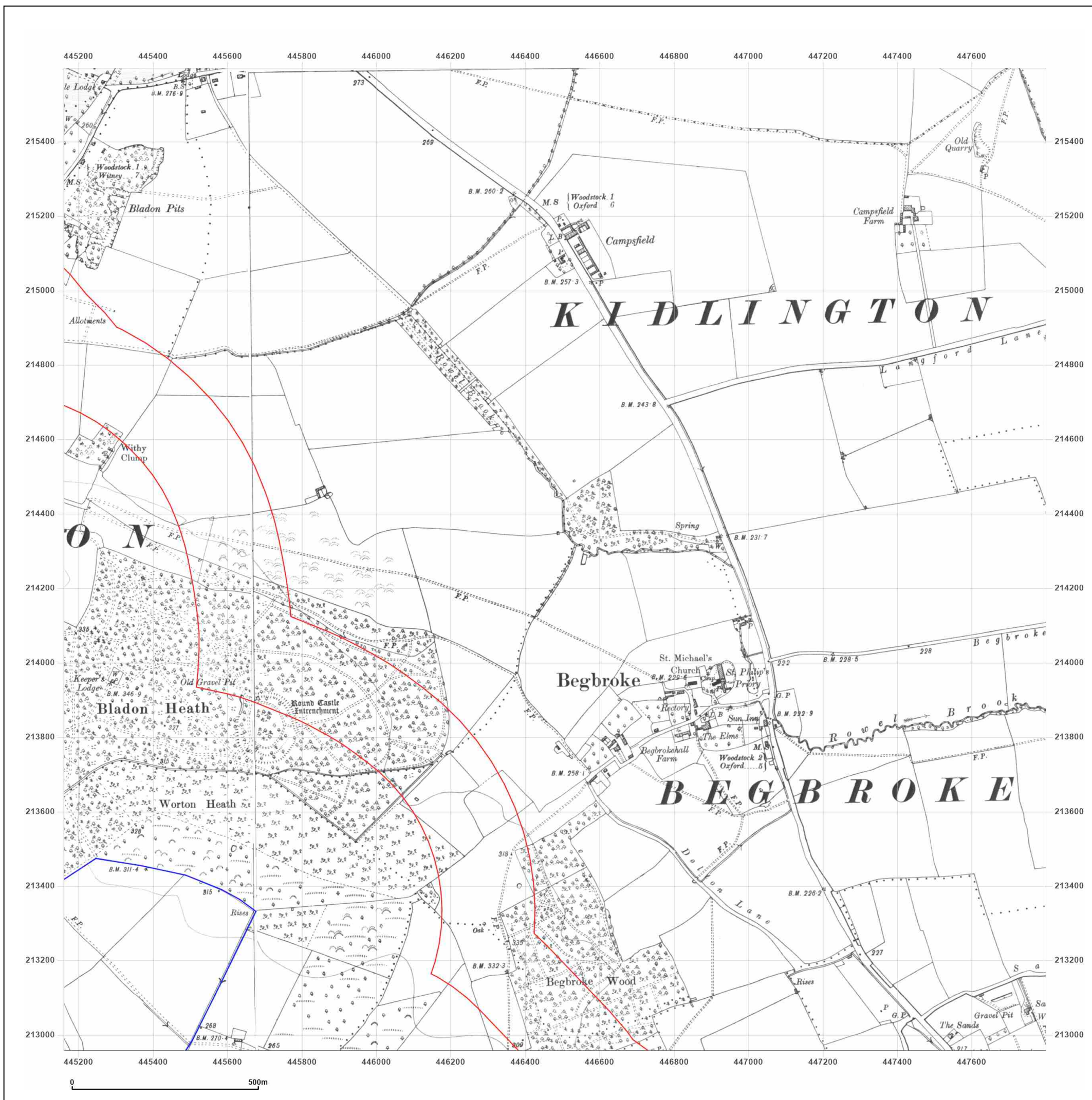


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**Site Details:**

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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
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**Map Name:** County Series

**Map date:** 1919-1923

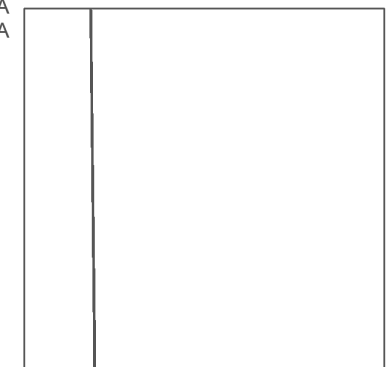
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**Printed at:** 1:10,560



Surveyed 1879  
 Revised 1923  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1875  
 Revised 1919  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

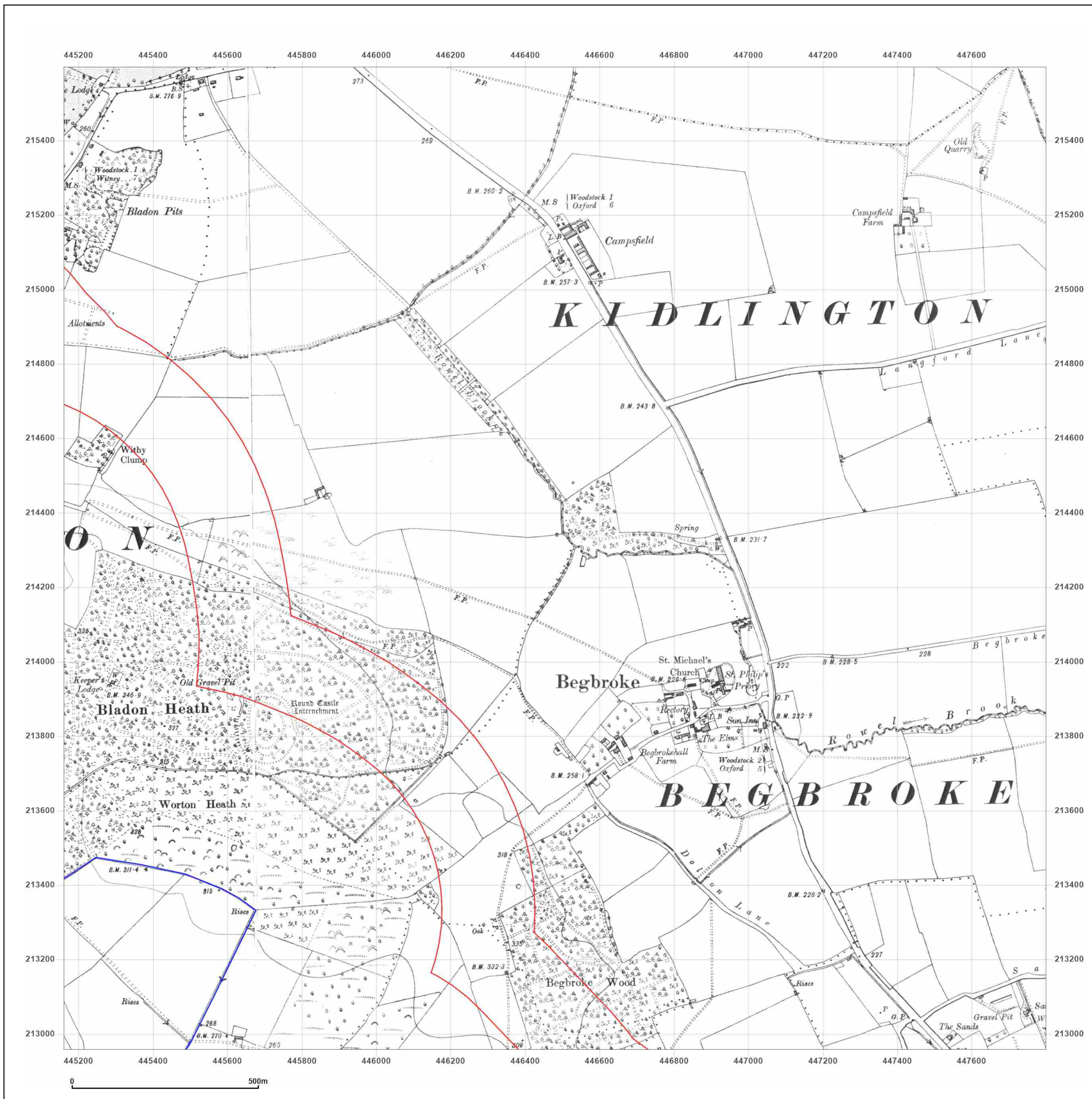


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**Site Details:**

West Botley 7-8

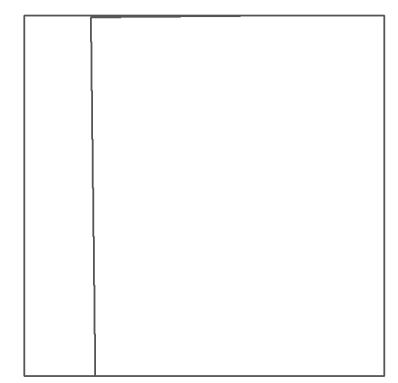
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**Grid Ref:** 446479, 214277

**Map Name:** County Series

**Map date:** 1947

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1873  
 Revised 1947  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

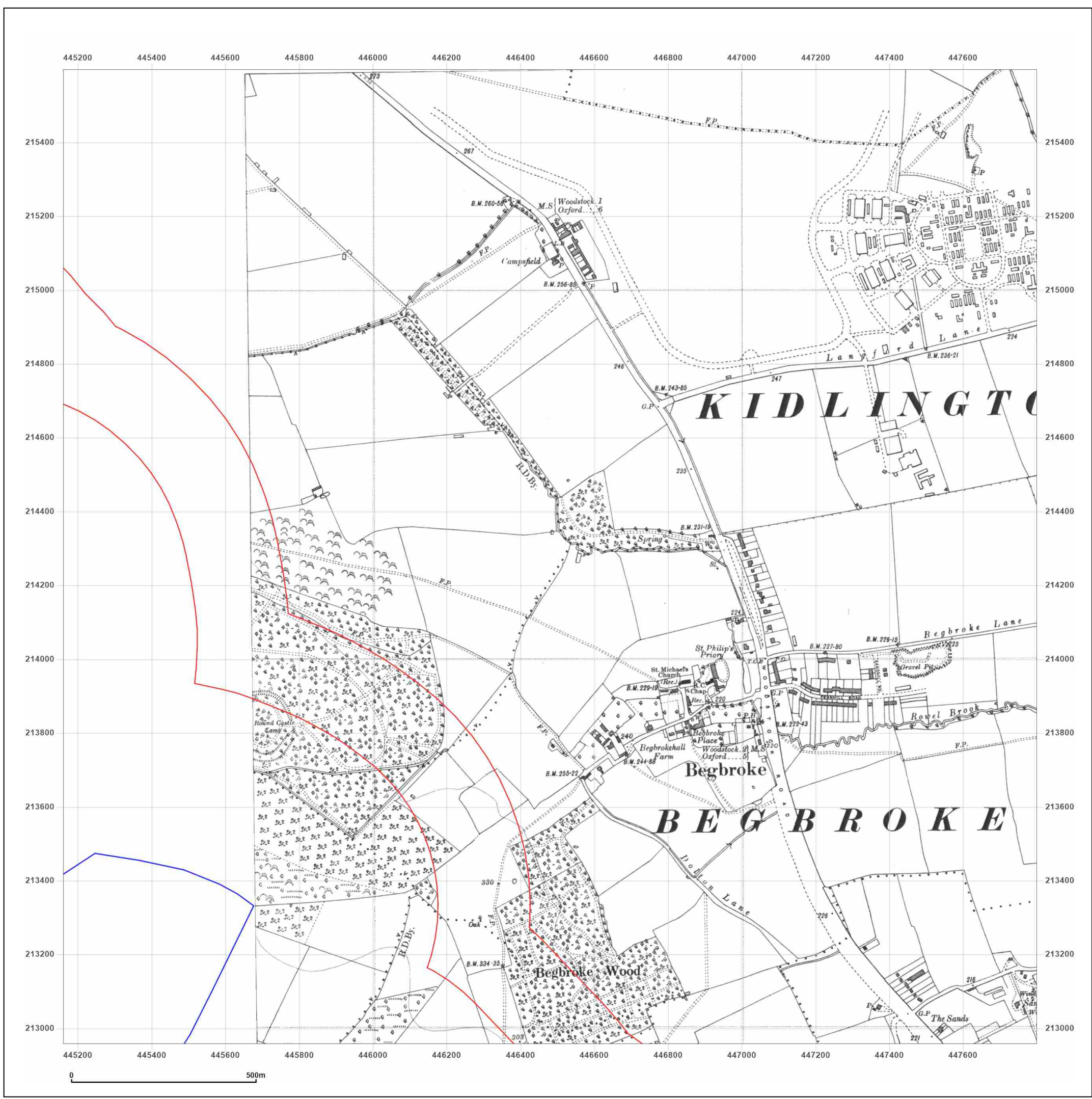


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West Botley 7-8

**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** Provisional

**Map date:** 1950-1954

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1950  
 Revised 1950  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

Surveyed 1950  
 Revised 1950  
 Edition N/A  
 Copyright N/A  
 Levelled N/A



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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** Provisional

**Map date:** 1955

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1950  
 Revised 1950  
 Edition N/A  
 Copyright 1955  
 Levelled N/A

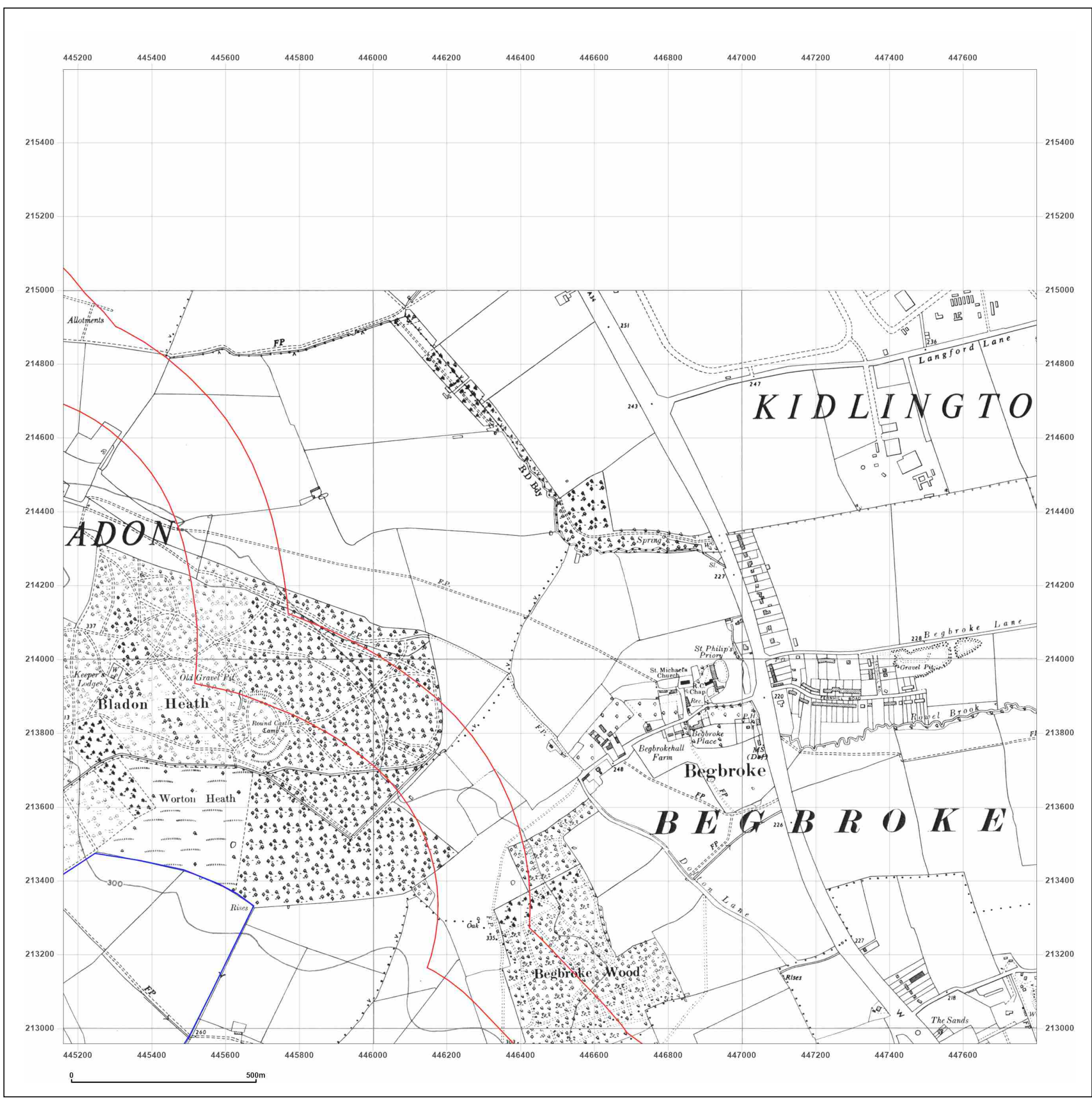


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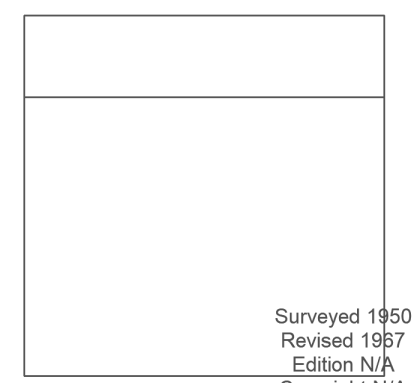
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**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** Provisional

**Map date:** 1967

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1950  
 Revised 1967  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

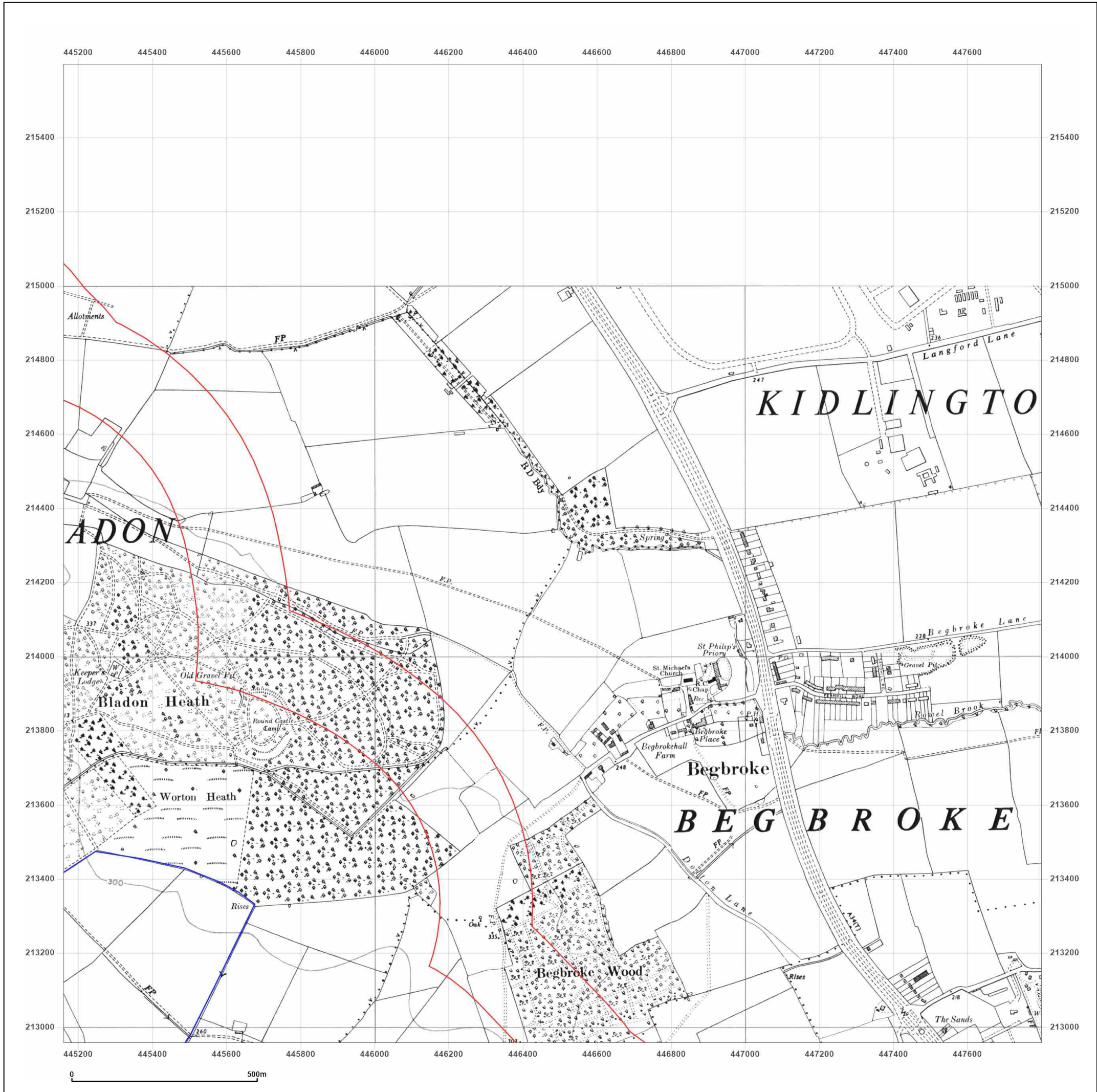


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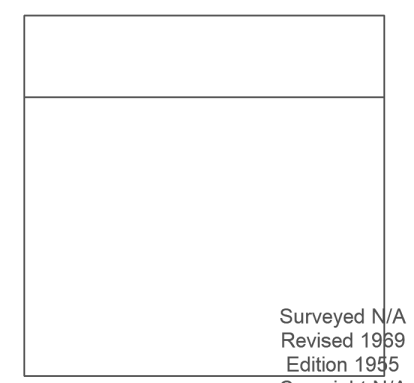
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**Map Name:** Provisional

**Map date:** 1969

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed N/A  
 Revised 1969  
 Edition 1955  
 Copyright N/A  
 Levelled N/A

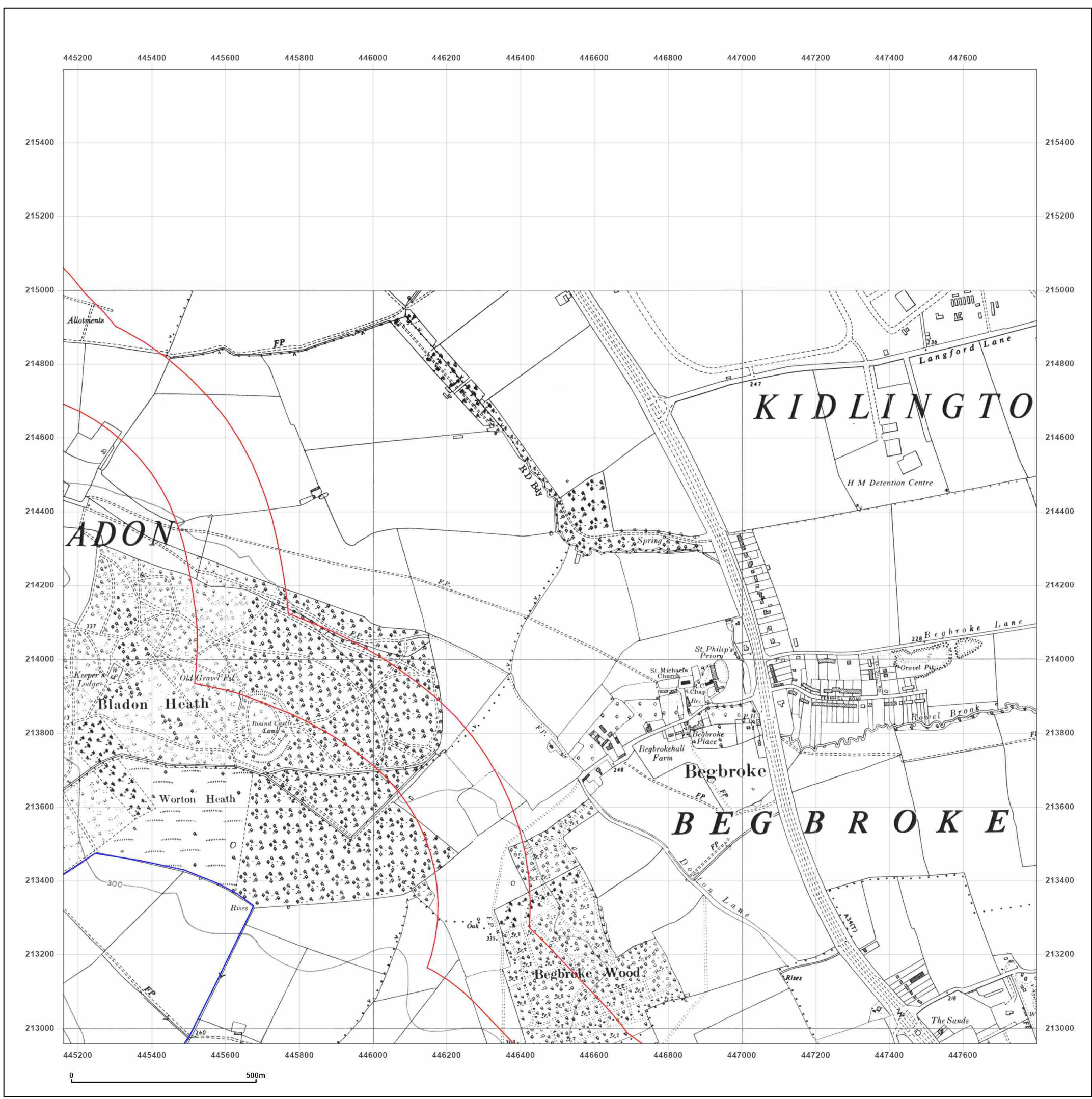


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**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** National Grid

**Map date:** 1980-1981

**Scale:** 1:10,000

**Printed at:** 1:10,000



Surveyed 1974  
 Revised 1980  
 Edition N/A  
 Copyright 1980  
 Levelled 1973

Surveyed 1977  
 Revised 1981  
 Edition N/A  
 Copyright 1981  
 Levelled 1973

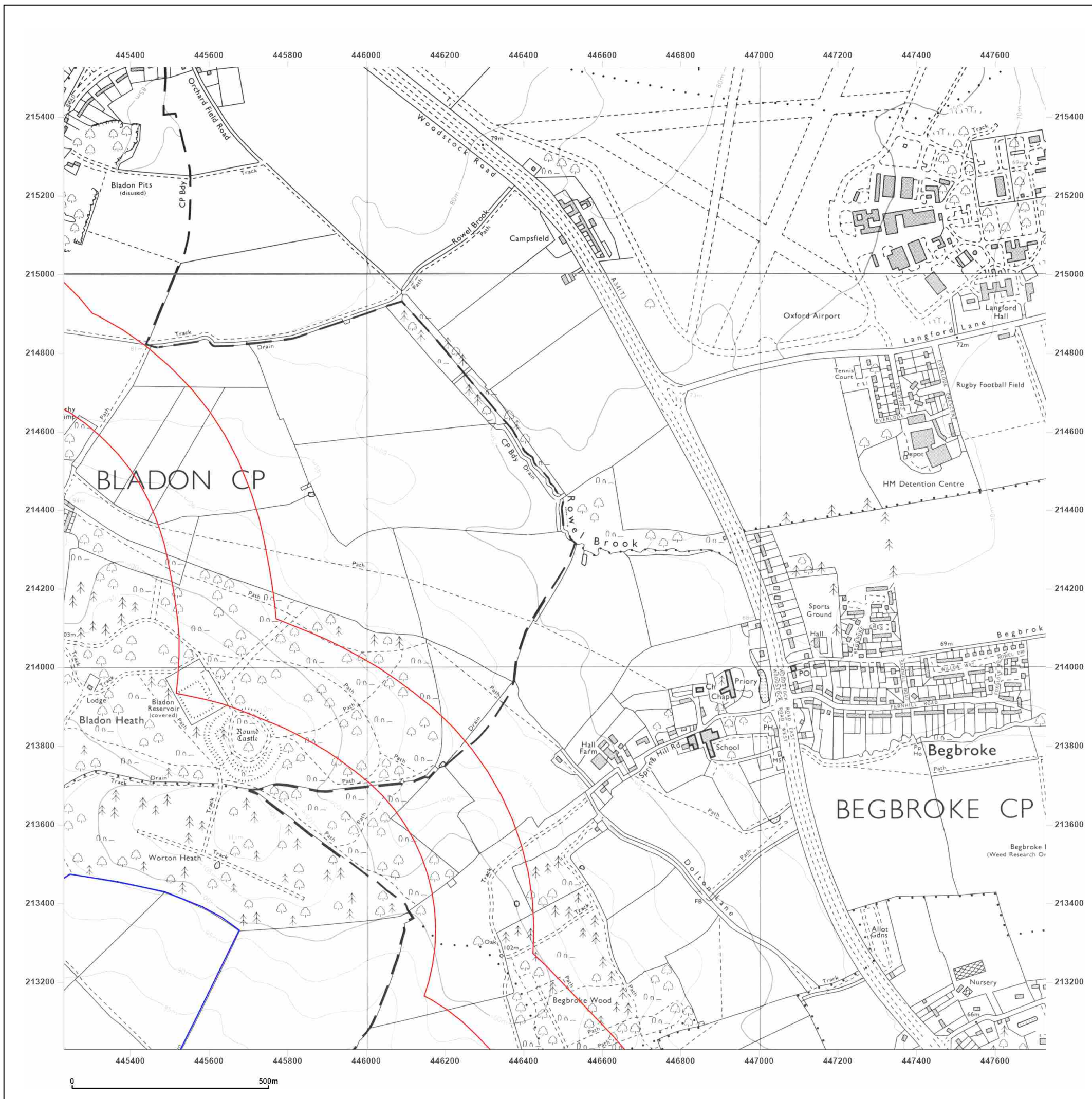


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**Site Details:**

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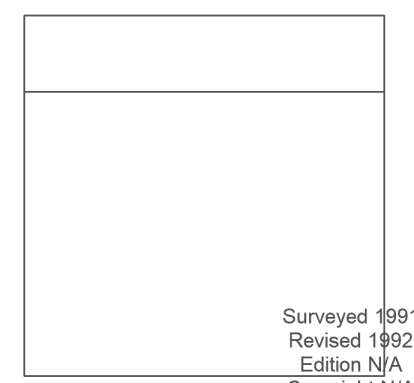
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**Grid Ref:** 446479, 214277

**Map Name:** National Grid

**Map date:** 1992

**Scale:** 1:10,000

**Printed at:** 1:10,000



Surveyed 1991  
 Revised 1992  
 Edition N/A  
 Copyright N/A  
 Levelled N/A

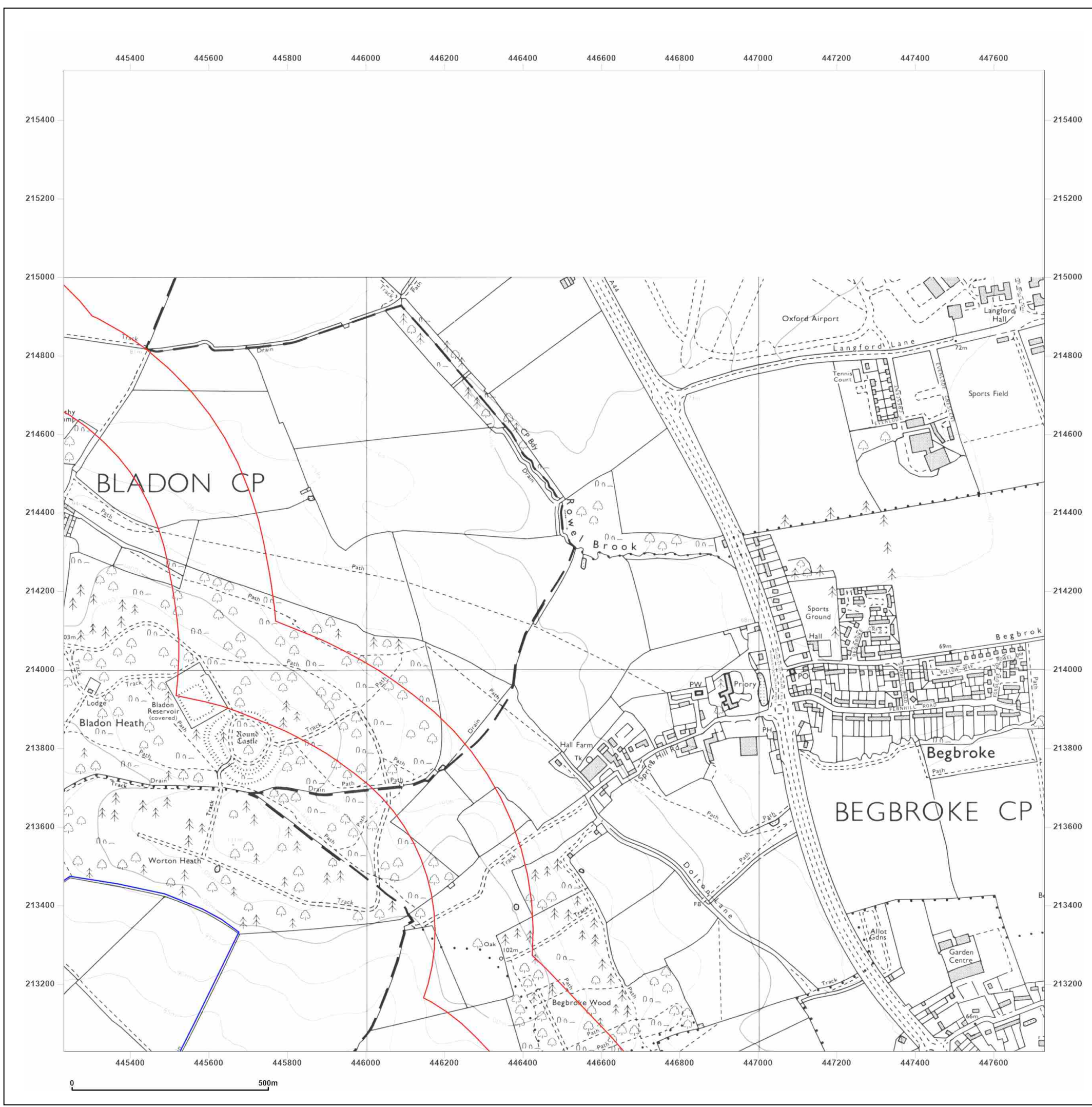


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**Site Details:**

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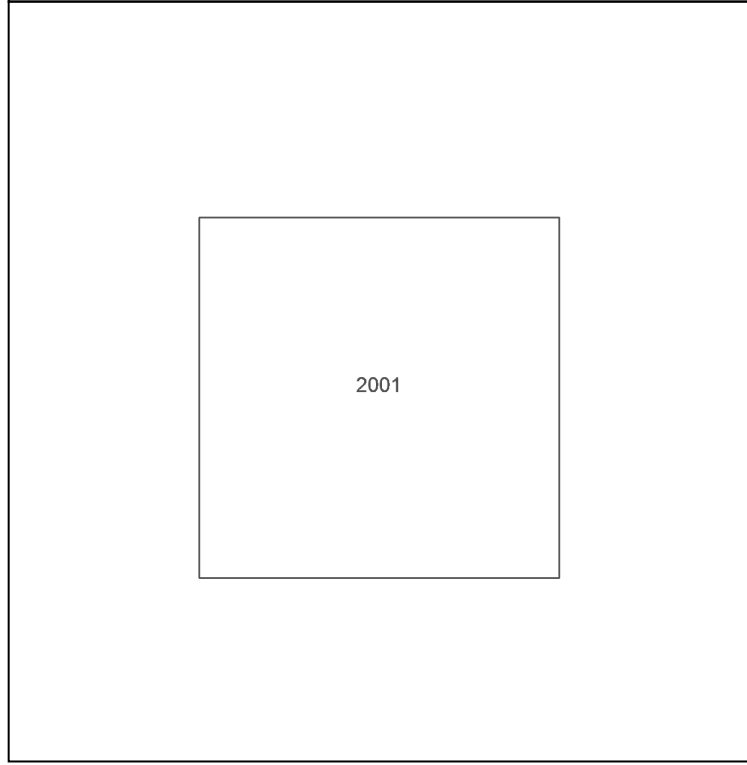
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**Grid Ref:** 446479, 214277

**Map Name:** National Grid

**Map date:** 2001

**Scale:** 1:10,000

**Printed at:** 1:10,000

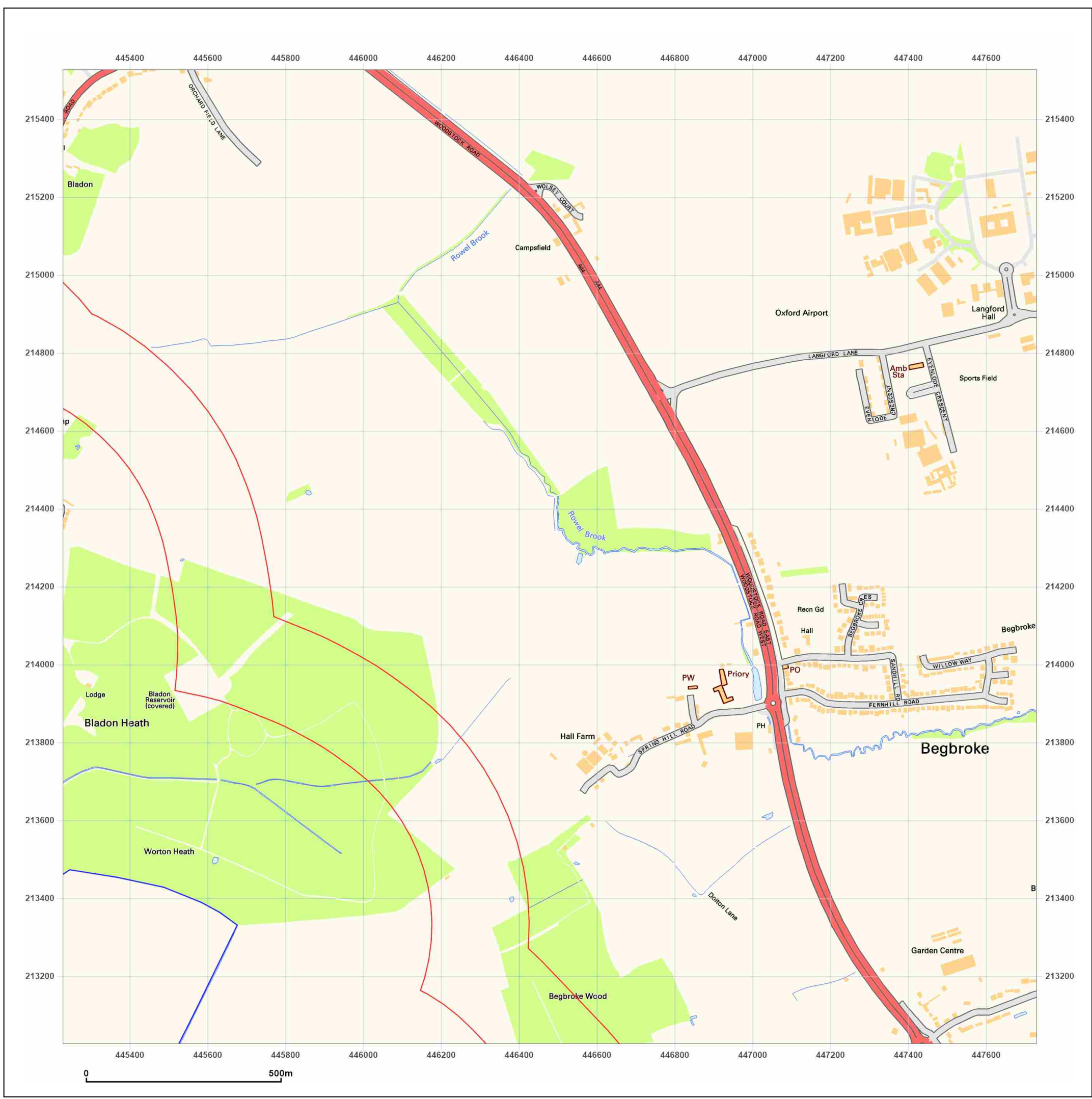


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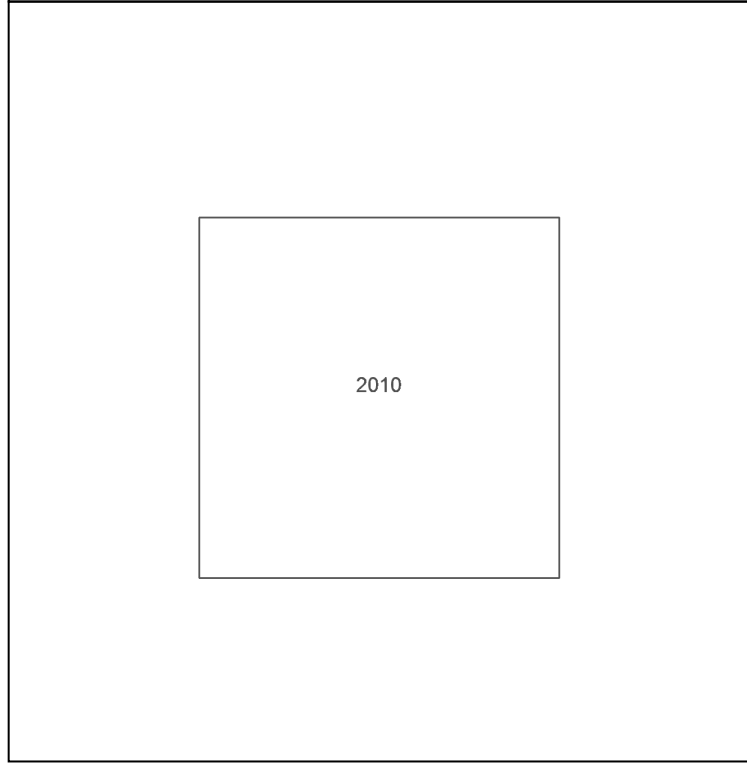
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**Grid Ref:** 446479, 214277

**Map Name:** National Grid

**Map date:** 2010

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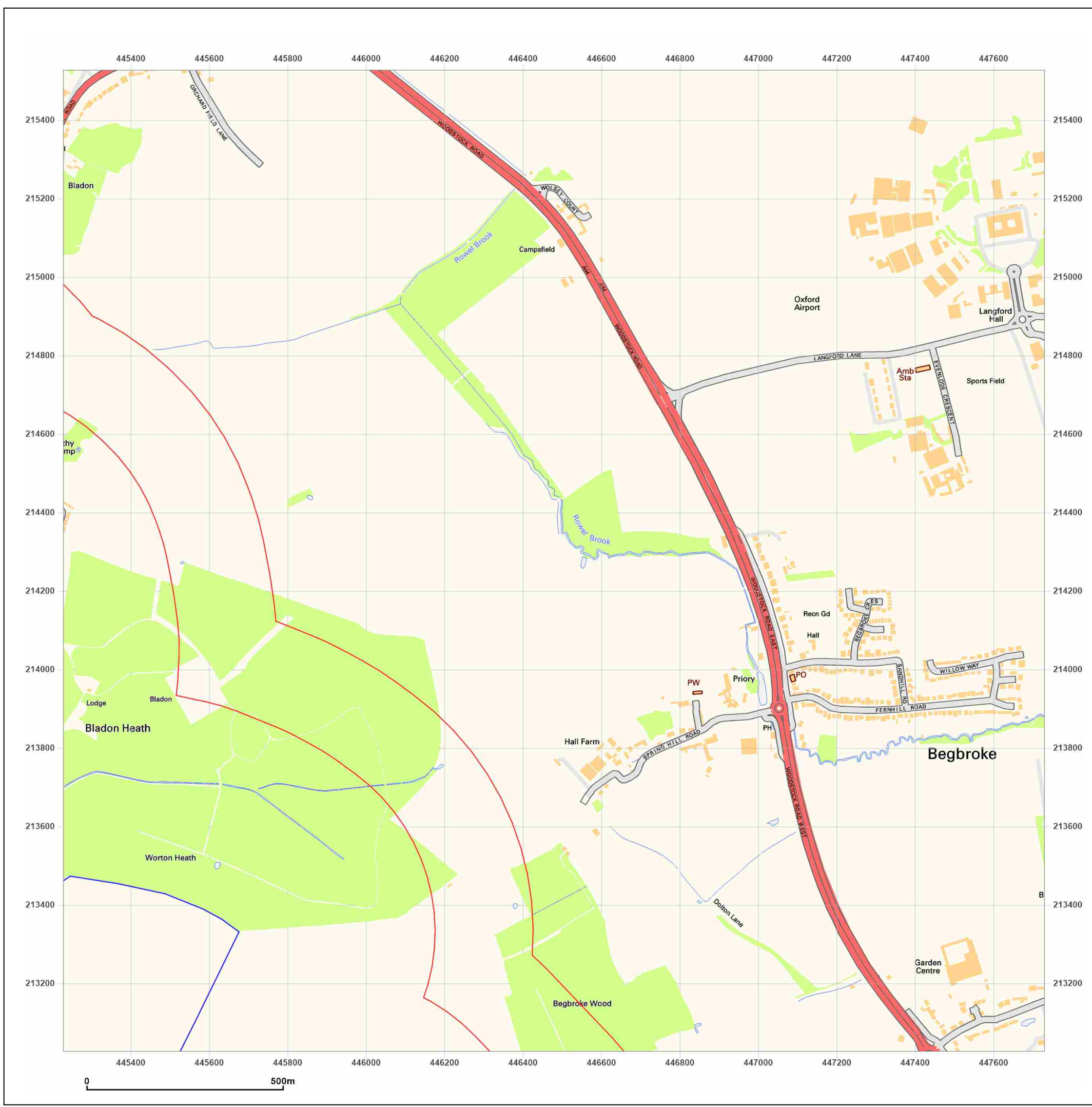


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**Site Details:**

West Botley 7-8

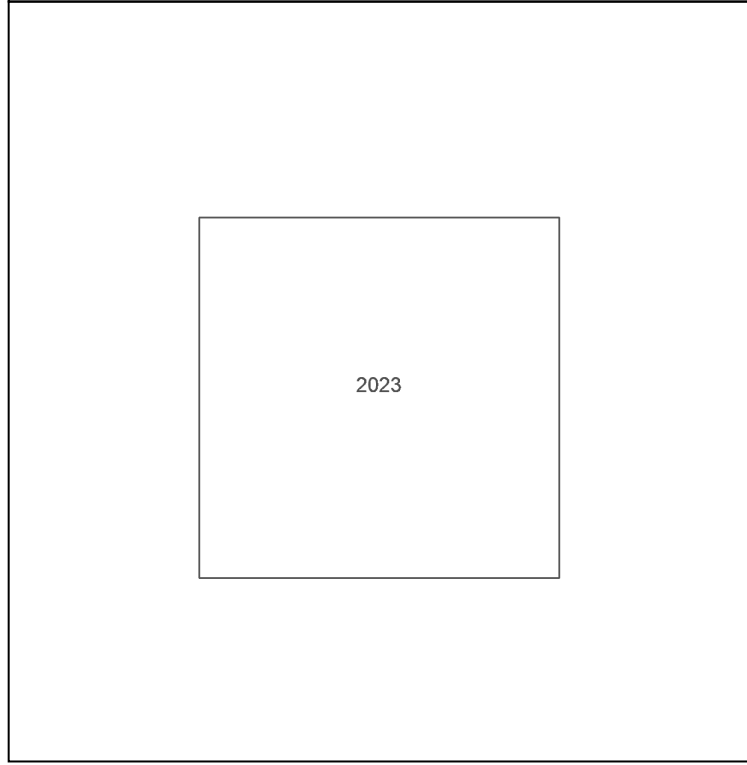
**Client Ref:** 794-PLN-NPI-NP12426  
**Report Ref:** GSIP-2023-14174-15953\_SS\_2\_2  
**Grid Ref:** 446479, 214277

**Map Name:** National Grid

**Map date:** 2023

**Scale:** 1:10,000

**Printed at:** 1:10,000

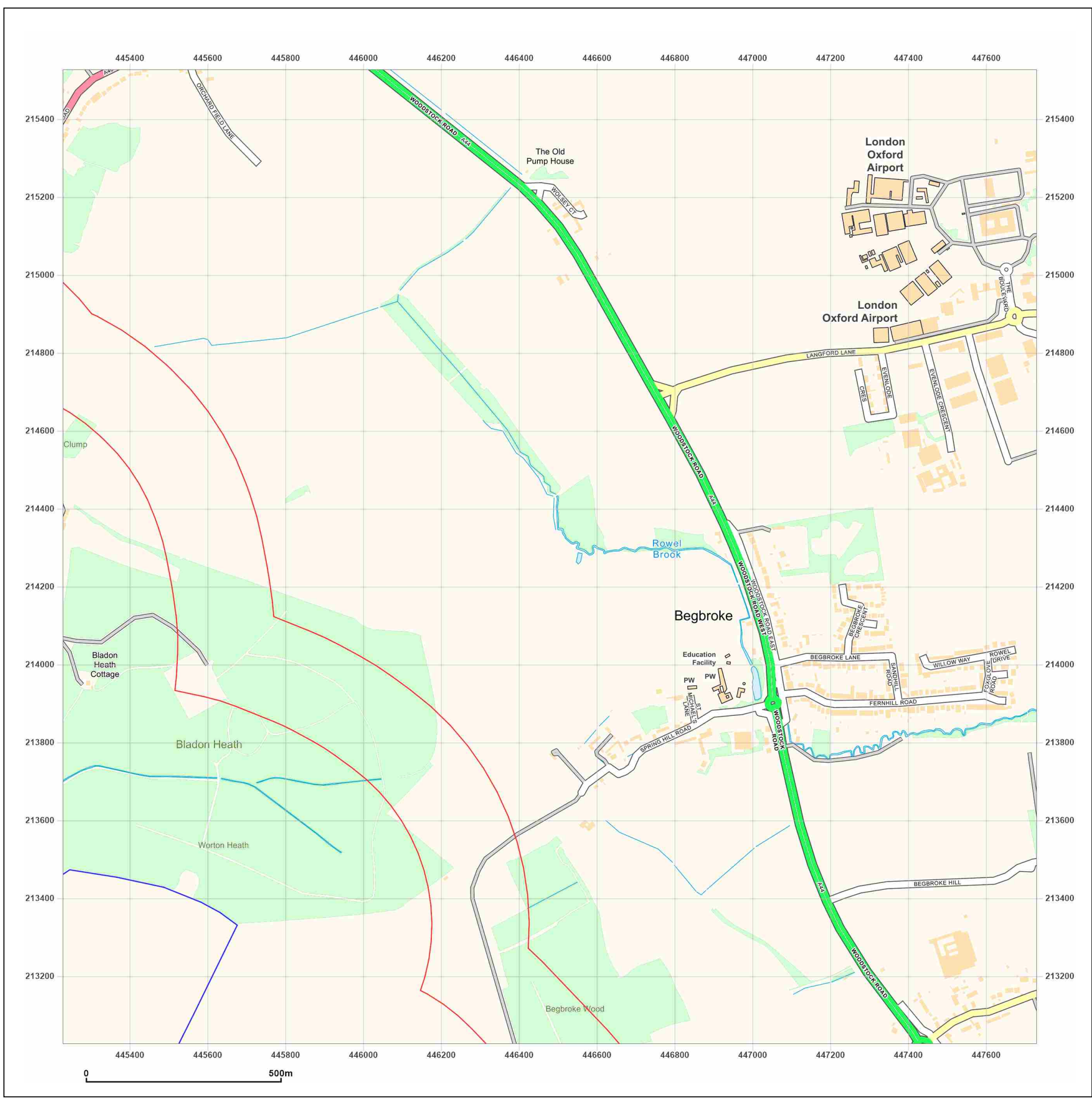


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Production date: 13 October 2023

Map legend available at:



# Annex D Groundsure Insights Environmental Data Reports

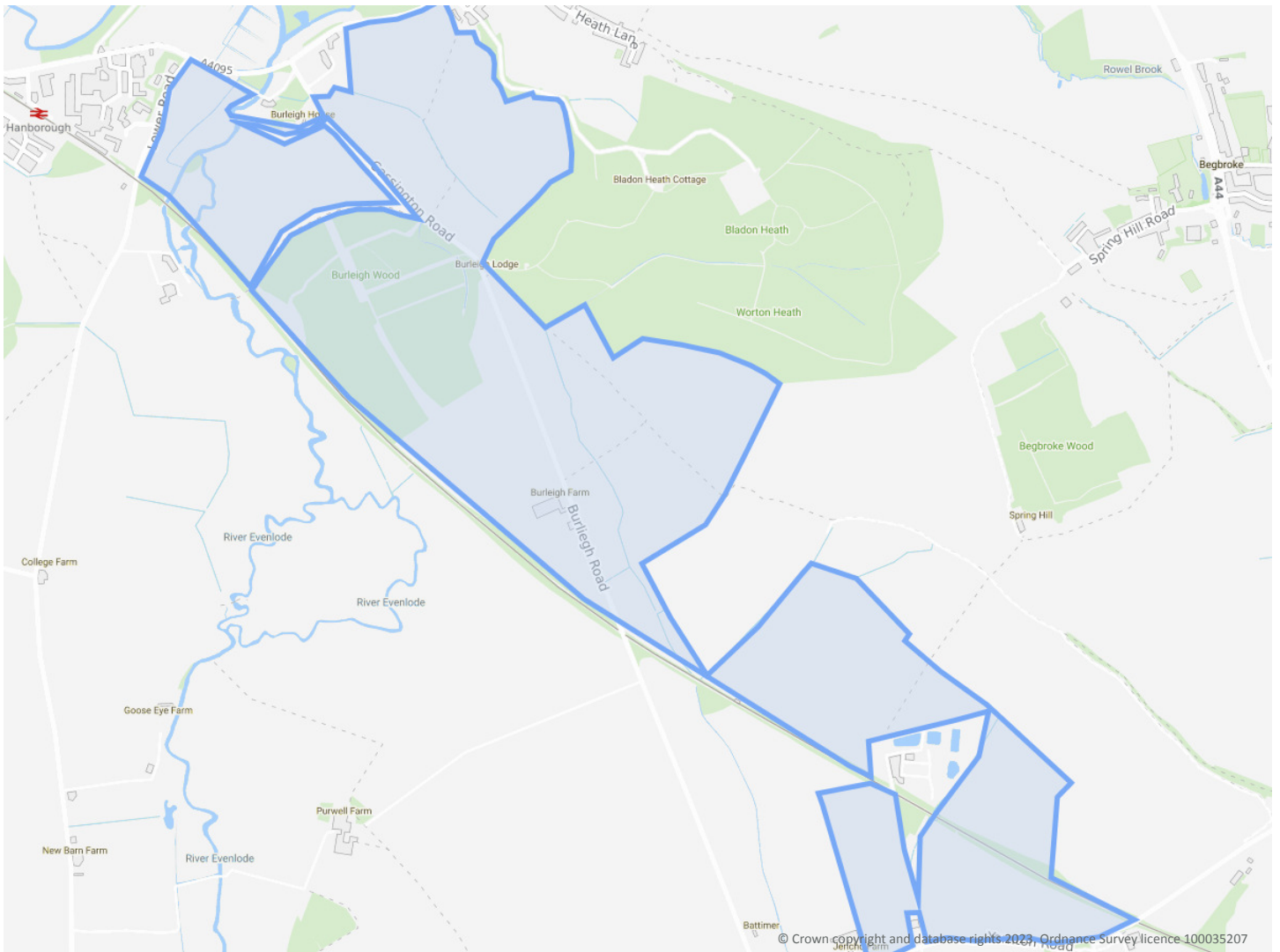
## West Botley 7-8

### Order Details

**Date:** 13/10/2023  
**Your ref:** 794-PLN-NPI-NP12426  
**Our Ref:** GSIP-2023-14174-15954

### Site Details

**Location:** 445059 213332  
**Area:** 228.83 ha  
**Authority:** [Cherwell District Council](#) ↗, [West Oxfordshire District Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

Contact us with any questions at:

[info@groundsure.com](mailto:info@groundsure.com) ↗

01273 257 755

## Summary of findings

Page	Section	<a href="#">Past land use &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">14 &gt;</a>	<a href="#">1.1 &gt;</a>	<a href="#">Historical industrial land uses &gt;</a>	19	21	15	44	-
<a href="#">18 &gt;</a>	<a href="#">1.2 &gt;</a>	<a href="#">Historical tanks &gt;</a>	1	3	2	3	-
<a href="#">19 &gt;</a>	<a href="#">1.3 &gt;</a>	<a href="#">Historical energy features &gt;</a>	0	0	2	3	-
<a href="#">19 &gt;</a>	<a href="#">1.4 &gt;</a>	<a href="#">Historical petrol stations &gt;</a>	0	0	0	1	-
<a href="#">20 &gt;</a>	<a href="#">1.5 &gt;</a>	<a href="#">Historical garages &gt;</a>	0	0	0	1	-
20	1.6	Historical military land	0	0	0	0	-
Page	Section	<a href="#">Past land use - un-grouped &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">21 &gt;</a>	<a href="#">2.1 &gt;</a>	<a href="#">Historical industrial land uses &gt;</a>	25	28	16	57	-
<a href="#">26 &gt;</a>	<a href="#">2.2 &gt;</a>	<a href="#">Historical tanks &gt;</a>	1	3	4	4	-
<a href="#">27 &gt;</a>	<a href="#">2.3 &gt;</a>	<a href="#">Historical energy features &gt;</a>	0	0	3	6	-
<a href="#">27 &gt;</a>	<a href="#">2.4 &gt;</a>	<a href="#">Historical petrol stations &gt;</a>	0	0	0	1	-
<a href="#">28 &gt;</a>	<a href="#">2.5 &gt;</a>	<a href="#">Historical garages &gt;</a>	0	0	0	2	-
Page	Section	<a href="#">Waste and landfill &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
29	3.1	Active or recent landfill	0	0	0	0	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
30	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
30	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
<a href="#">30 &gt;</a>	<a href="#">3.5 &gt;</a>	<a href="#">Historical waste sites &gt;</a>	0	0	4	2	-
<a href="#">31 &gt;</a>	<a href="#">3.6 &gt;</a>	<a href="#">Licensed waste sites &gt;</a>	0	0	1	8	-
<a href="#">34 &gt;</a>	<a href="#">3.7 &gt;</a>	<a href="#">Waste exemptions &gt;</a>	34	1	9	7	-
Page	Section	<a href="#">Current industrial land use &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">40 &gt;</a>	<a href="#">4.1 &gt;</a>	<a href="#">Recent industrial land uses &gt;</a>	0	4	17	-	-
<a href="#">42 &gt;</a>	<a href="#">4.2 &gt;</a>	<a href="#">Current or recent petrol stations &gt;</a>	0	0	0	1	-
42	4.3	Electricity cables	0	0	0	0	-
42	4.4	Gas pipelines	0	0	0	0	-
42	4.5	Sites determined as Contaminated Land	0	0	0	0	-



43	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
43	4.7	Regulated explosive sites	0	0	0	0	-
43	4.8	Hazardous substance storage/usage	0	0	0	0	-
43	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
<a href="#">43</a> >	<a href="#">4.10</a> >	<a href="#">Licensed industrial activities (Part A(1)) &gt;</a>	0	0	0	5	-
<a href="#">45</a> >	<a href="#">4.11</a> >	<a href="#">Licensed pollutant release (Part A(2)/B) &gt;</a>	0	0	0	1	-
45	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<a href="#">45</a> >	<a href="#">4.13</a> >	<a href="#">Licensed Discharges to controlled waters &gt;</a>	5	5	6	6	-
49	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
49	4.15	Pollutant release to public sewer	0	0	0	0	-
49	4.16	List 1 Dangerous Substances	0	0	0	0	-
49	4.17	List 2 Dangerous Substances	0	0	0	0	-
<a href="#">49</a> >	<a href="#">4.18</a> >	<a href="#">Pollution Incidents (EA/NRW) &gt;</a>	0	5	0	1	-
<a href="#">50</a> >	<a href="#">4.19</a> >	<a href="#">Pollution inventory substances &gt;</a>	0	0	0	1	-
<a href="#">51</a> >	<a href="#">4.20</a> >	<a href="#">Pollution inventory waste transfers &gt;</a>	0	0	0	1	-
52	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<a href="#">Hydrogeology &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">53</a> >	<a href="#">5.1</a> >	<a href="#">Superficial aquifer &gt;</a>	Identified (within 500m)				
<a href="#">56</a> >	<a href="#">5.2</a> >	<a href="#">Bedrock aquifer &gt;</a>	Identified (within 500m)				
<a href="#">58</a> >	<a href="#">5.3</a> >	<a href="#">Groundwater vulnerability &gt;</a>	Identified (within 50m)				
<a href="#">68</a> >	<a href="#">5.4</a> >	<a href="#">Groundwater vulnerability- soluble rock risk &gt;</a>	Identified (within 0m)				
68	5.5	Groundwater vulnerability- local information	None (within 0m)				
<a href="#">69</a> >	<a href="#">5.6</a> >	<a href="#">Groundwater abstractions &gt;</a>	0	0	0	1	1
<a href="#">70</a> >	<a href="#">5.7</a> >	<a href="#">Surface water abstractions &gt;</a>	0	0	2	0	11
<a href="#">73</a> >	<a href="#">5.8</a> >	<a href="#">Potable abstractions &gt;</a>	0	0	0	0	2
74	5.9	Source Protection Zones	0	0	0	0	-
74	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<a href="#">Hydrology &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">75</a> >	<a href="#">6.1</a> >	<a href="#">Water Network (OS MasterMap) &gt;</a>	35	30	55	-	-



85 >	6.2 >	<a href="#">Surface water features &gt;</a>	1	15	16	-	-
85 >	6.3 >	<a href="#">WFD Surface water body catchments &gt;</a>	2	-	-	-	-
86 >	6.4 >	<a href="#">WFD Surface water bodies &gt;</a>	2	0	0	-	-
86 >	6.5 >	<a href="#">WFD Groundwater bodies &gt;</a>	2	-	-	-	-
Page	Section	<a href="#">River and coastal flooding &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
87 >	7.1 >	<a href="#">Risk of flooding from rivers and the sea &gt;</a>	High (within 50m)				
88 >	7.2 >	<a href="#">Historical Flood Events &gt;</a>	0	1	3	-	-
88	7.3	Flood Defences	0	0	0	-	-
89	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
89	7.5	Flood Storage Areas	0	0	0	-	-
90 >	7.6 >	<a href="#">Flood Zone 2 &gt;</a>	Identified (within 50m)				
91 >	7.7 >	<a href="#">Flood Zone 3 &gt;</a>	Identified (within 50m)				
Page	Section	<a href="#">Surface water flooding &gt;</a>					
92 >	8.1 >	<a href="#">Surface water flooding &gt;</a>	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	<a href="#">Groundwater flooding &gt;</a>					
94 >	9.1 >	<a href="#">Groundwater flooding &gt;</a>	Low (within 50m)				
Page	Section	<a href="#">Environmental designations &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
95 >	10.1 >	<a href="#">Sites of Special Scientific Interest (SSSI) &gt;</a>	0	2	0	0	7
96	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
96 >	10.3 >	<a href="#">Special Areas of Conservation (SAC) &gt;</a>	0	0	0	0	3
97	10.4	Special Protection Areas (SPA)	0	0	0	0	0
97	10.5	National Nature Reserves (NNR)	0	0	0	0	0
97	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
97 >	10.7 >	<a href="#">Designated Ancient Woodland &gt;</a>	5	1	7	9	8
99	10.8	Biosphere Reserves	0	0	0	0	0
99	10.9	Forest Parks	0	0	0	0	0
99	10.10	Marine Conservation Zones	0	0	0	0	0
99 >	10.11 >	<a href="#">Green Belt &gt;</a>	2	0	0	0	2
100	10.12	Proposed Ramsar sites	0	0	0	0	0





100	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
100	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
101	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<a href="#">101</a> >	<a href="#">10.16</a> >	<a href="#">Nitrate Vulnerable Zones</a> >	4	2	1	7	5
<a href="#">103</a> >	<a href="#">10.17</a> >	<a href="#">SSSI Impact Risk Zones</a> >	11	-	-	-	-
<a href="#">109</a> >	<a href="#">10.18</a> >	<a href="#">SSSI Units</a> >	0	1	0	1	12
Page	Section	<a href="#">Visual and cultural designations</a> >	On site	0-50m	50-250m	250-500m	500-2000m
115	11.1	World Heritage Sites	0	0	0	-	-
<a href="#">116</a> >	<a href="#">11.2</a> >	<a href="#">Area of Outstanding Natural Beauty</a> >	0	0	1	-	-
116	11.3	National Parks	0	0	0	-	-
<a href="#">116</a> >	<a href="#">11.4</a> >	<a href="#">Listed Buildings</a> >	1	1	9	-	-
<a href="#">117</a> >	<a href="#">11.5</a> >	<a href="#">Conservation Areas</a> >	1	0	0	-	-
117	11.6	Scheduled Ancient Monuments	0	0	0	-	-
<a href="#">118</a> >	<a href="#">11.7</a> >	<a href="#">Registered Parks and Gardens</a> >	0	1	0	-	-
Page	Section	<a href="#">Agricultural designations</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">119</a> >	<a href="#">12.1</a> >	<a href="#">Agricultural Land Classification</a> >	Grade 2 (within 250m)				
120	12.2	Open Access Land	0	0	0	-	-
<a href="#">120</a> >	<a href="#">12.3</a> >	<a href="#">Tree Felling Licences</a> >	1	3	2	-	-
<a href="#">121</a> >	<a href="#">12.4</a> >	<a href="#">Environmental Stewardship Schemes</a> >	8	4	2	-	-
<a href="#">122</a> >	<a href="#">12.5</a> >	<a href="#">Countryside Stewardship Schemes</a> >	8	2	2	-	-
Page	Section	<a href="#">Habitat designations</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">123</a> >	<a href="#">13.1</a> >	<a href="#">Priority Habitat Inventory</a> >	14	16	36	-	-
126	13.2	Habitat Networks	0	0	0	-	-
<a href="#">126</a> >	<a href="#">13.3</a> >	<a href="#">Open Mosaic Habitat</a> >	0	1	0	-	-
127	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<a href="#">Geology 1:10,000 scale</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">128</a> >	<a href="#">14.1</a> >	<a href="#">10k Availability</a> >	Identified (within 500m)				
<a href="#">129</a> >	<a href="#">14.2</a> >	<a href="#">Artificial and made ground (10k)</a> >	0	0	1	2	-
<a href="#">130</a> >	<a href="#">14.3</a> >	<a href="#">Superficial geology (10k)</a> >	2	2	4	3	-



131	14.4	Landslip (10k)	0	0	0	0	-
<a href="#">132</a> >	<a href="#">14.5</a> >	<a href="#">Bedrock geology (10k)</a> >	1	0	0	3	-
133	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	<a href="#">Geology 1:50,000 scale</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">134</a> >	<a href="#">15.1</a> >	<a href="#">50k Availability</a> >	Identified (within 500m)				
<a href="#">135</a> >	<a href="#">15.2</a> >	<a href="#">Artificial and made ground (50k)</a> >	0	0	1	2	-
136	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<a href="#">137</a> >	<a href="#">15.4</a> >	<a href="#">Superficial geology (50k)</a> >	5	0	5	4	-
<a href="#">138</a> >	<a href="#">15.5</a> >	<a href="#">Superficial permeability (50k)</a> >	Identified (within 50m)				
139	15.6	Landslip (50k)	0	0	0	0	-
139	15.7	Landslip permeability (50k)	None (within 50m)				
<a href="#">140</a> >	<a href="#">15.8</a> >	<a href="#">Bedrock geology (50k)</a> >	6	4	3	5	-
<a href="#">141</a> >	<a href="#">15.9</a> >	<a href="#">Bedrock permeability (50k)</a> >	Identified (within 50m)				
142	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	<a href="#">Boreholes</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">143</a> >	<a href="#">16.1</a> >	<a href="#">BGS Boreholes</a> >	1	1	22	-	-
Page	Section	<a href="#">Natural ground subsidence</a> >					
<a href="#">146</a> >	<a href="#">17.1</a> >	<a href="#">Shrink swell clays</a> >	Moderate (within 50m)				
<a href="#">148</a> >	<a href="#">17.2</a> >	<a href="#">Running sands</a> >	Low (within 50m)				
<a href="#">150</a> >	<a href="#">17.3</a> >	<a href="#">Compressible deposits</a> >	Moderate (within 50m)				
<a href="#">152</a> >	<a href="#">17.4</a> >	<a href="#">Collapsible deposits</a> >	Very low (within 50m)				
<a href="#">153</a> >	<a href="#">17.5</a> >	<a href="#">Landslides</a> >	Low (within 50m)				
<a href="#">155</a> >	<a href="#">17.6</a> >	<a href="#">Ground dissolution of soluble rocks</a> >	Low (within 50m)				
Page	Section	<a href="#">Mining and ground workings</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">157</a> >	<a href="#">18.1</a> >	<a href="#">BritPits</a> >	0	5	5	8	-
<a href="#">161</a> >	<a href="#">18.2</a> >	<a href="#">Surface ground workings</a> >	24	20	10	-	-
163	18.3	Underground workings	0	0	0	0	0
163	18.4	Underground mining extents	0	0	0	0	-
<a href="#">163</a> >	<a href="#">18.5</a> >	<a href="#">Historical Mineral Planning Areas</a> >	0	3	0	1	-

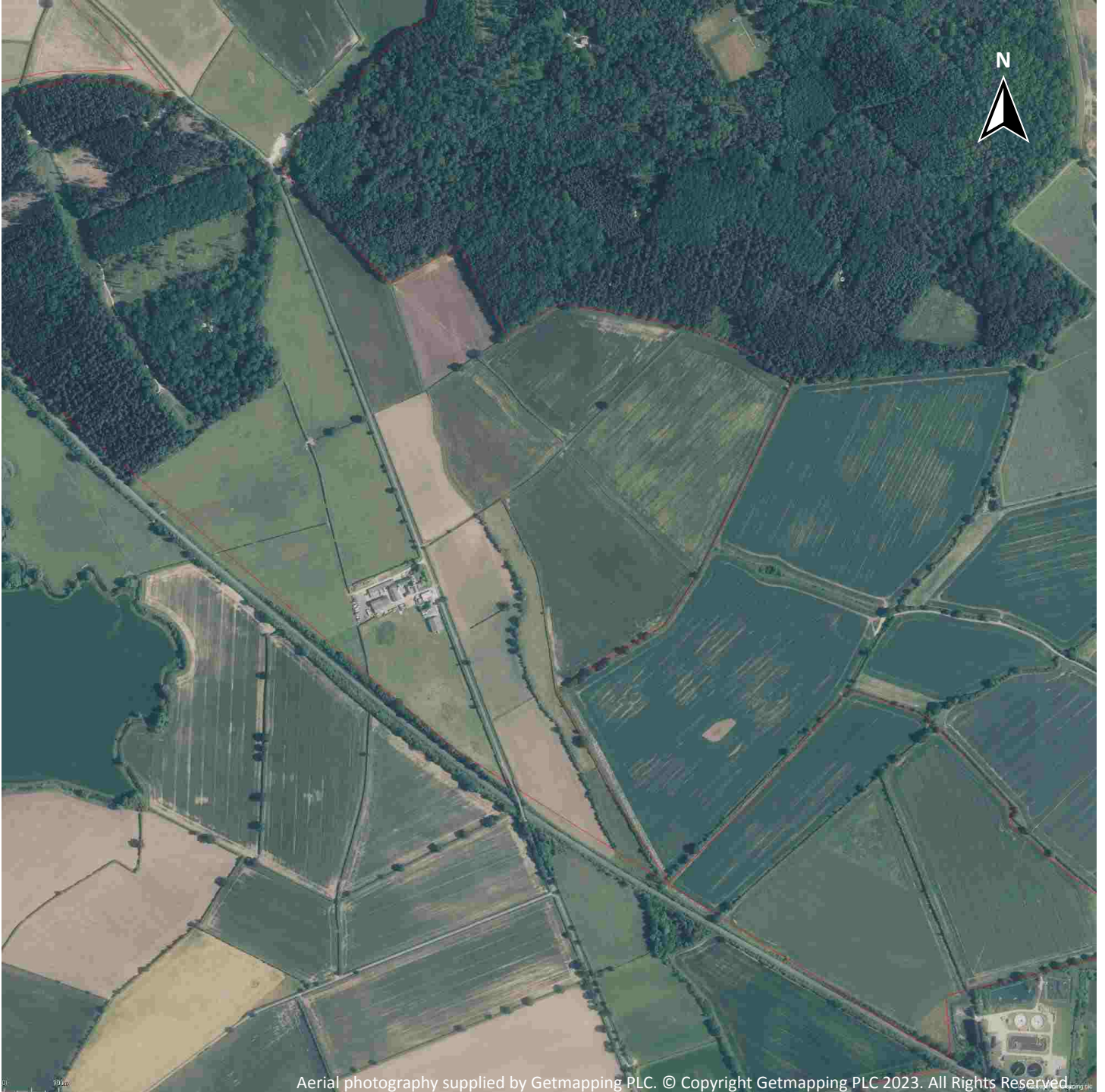


164	18.6	Non-coal mining	0	0	0	0	0
164	18.7	JPB mining areas	None (within 0m)				
164	18.8	The Coal Authority non-coal mining	0	0	0	0	-
<a href="#">165</a> >	<a href="#">18.9</a> >	<a href="#">Researched mining</a> >	0	3	4	2	-
165	18.10	Mining record office plans	0	0	0	0	-
165	18.11	BGS mine plans	0	0	0	0	-
166	18.12	Coal mining	None (within 0m)				
166	18.13	Brine areas	None (within 0m)				
166	18.14	Gypsum areas	None (within 0m)				
166	18.15	Tin mining	None (within 0m)				
166	18.16	Clay mining	None (within 0m)				
Page	Section	<a href="#">Ground cavities and sinkholes</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">167</a> >	<a href="#">19.1</a> >	<a href="#">Natural cavities</a> >	0	0	1	0	-
168	19.2	Mining cavities	0	0	0	0	0
168	19.3	Reported recent incidents	0	0	0	0	-
168	19.4	Historical incidents	0	0	0	0	-
169	19.5	National karst database	0	0	0	0	-
Page	Section	<a href="#">Radon</a> >					
<a href="#">170</a> >	<a href="#">20.1</a> >	<a href="#">Radon</a> >	Between 5% and 10% (within 0m)				
Page	Section	<a href="#">Soil chemistry</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">172</a> >	<a href="#">21.1</a> >	<a href="#">BGS Estimated Background Soil Chemistry</a> >	92	19	-	-	-
178	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
178	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	<a href="#">Railway infrastructure and projects</a> >	On site	0-50m	50-250m	250-500m	500-2000m
179	22.1	Underground railways (London)	0	0	0	-	-
179	22.2	Underground railways (Non-London)	0	0	0	-	-
180	22.3	Railway tunnels	0	0	0	-	-
<a href="#">180</a> >	<a href="#">22.4</a> >	<a href="#">Historical railway and tunnel features</a> >	2	3	5	-	-
180	22.5	Royal Mail tunnels	0	0	0	-	-



181	22.6	Historical railways	0	0	0	-	-
<a href="#">181</a> >	<a href="#">22.7</a> >	<a href="#">Railways</a> >	3	19	3	-	-
182	22.8	Crossrail 1	0	0	0	0	-
182	22.9	Crossrail 2	0	0	0	0	-
182	22.10	HS2	0	0	0	0	-

## Recent aerial photograph



Capture Date: 22/06/2022

Site Area: 228.83ha



## Recent site history - 2018 aerial photograph



Capture Date: 28/06/2018

Site Area: 228.83ha



## Recent site history - 2015 aerial photograph



Capture Date: 26/09/2015

Site Area: 228.83ha



## Recent site history - 2006 aerial photograph



Capture Date: 12/10/2006

Site Area: 228.83ha





## Recent site history - 1999 aerial photograph

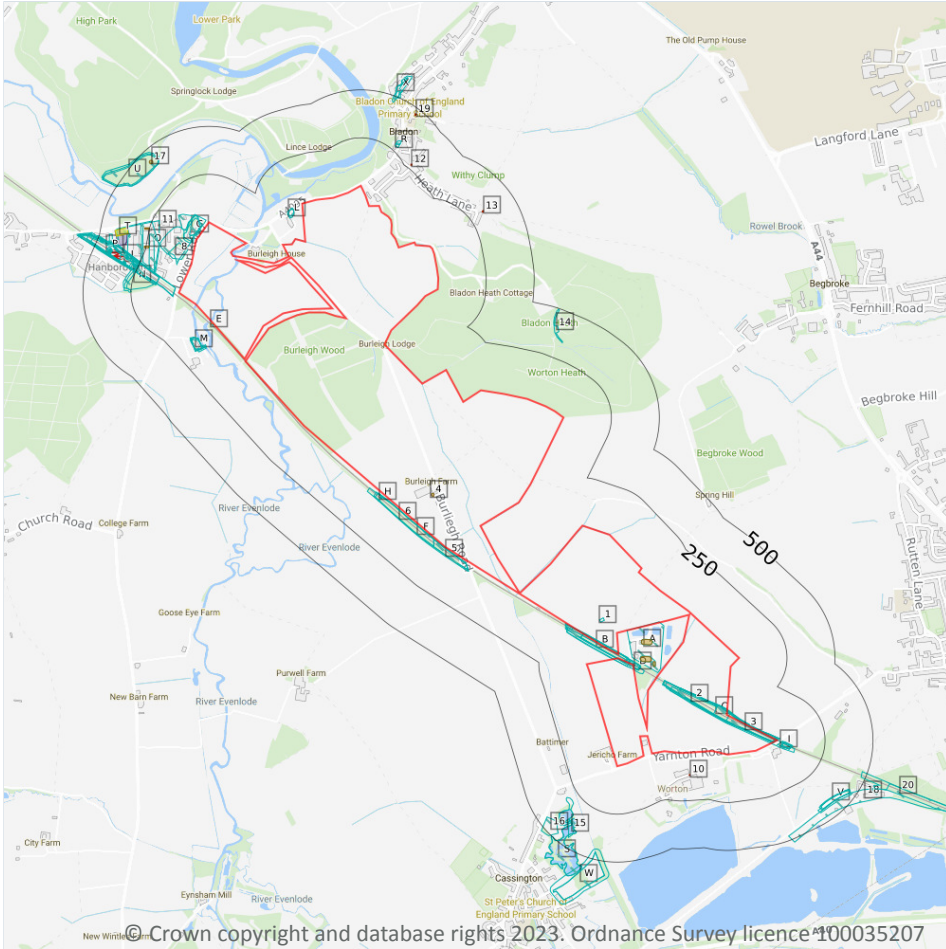


Capture Date: 05/10/1999

Site Area: 228.83ha



# 1 Past land use



**— Site Outline**

**Search buffers in metres (m)**

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

## 1.1 Historical industrial land uses

**Records within 500m** **99**

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	Smithy	1938	1779757



ID	Location	Land use	Dates present	Group ID
2	On site	Cuttings	1900	1848597
3	On site	Cuttings	1900	1848598
A	On site	Sewage Works	1992	1759997
B	On site	Cuttings	1922 - 1938	1782313
B	On site	Cuttings	1876	1785630
B	On site	Cuttings	1914	1788719
B	On site	Cuttings	1900	1802321
B	On site	Cuttings	1979	1818893
B	On site	Cuttings	1900 - 1968	1836004
B	On site	Cuttings	1992	1836417
C	On site	Cuttings	1914	1788990
C	On site	Cuttings	1876	1791405
C	On site	Cuttings	1968	1829259
C	On site	Cuttings	1922 - 1938	1834823
C	On site	Cuttings	1979	1840165
C	On site	Cuttings	1992	1847253
D	On site	Cuttings	1922 - 1938	1802479
D	On site	Cuttings	1914	1823381
E	3m NW	Unspecified Tank	1880	1769077
F	3m S	Cuttings	1898 - 1923	1819234
5	5m S	Cuttings	1968	1831741
6	6m S	Cuttings	1950	1812131
F	7m S	Cuttings	1880	1822760
G	9m NW	Unspecified Quarry	1923	1847222
G	13m NW	Unspecified Quarry	1923	1841528
H	17m SW	Railway Building	1923 - 1950	1833799
G	19m NW	Unspecified Quarry	1898	1833411
7	19m NW	Unspecified Quarry	1950	1832387



ID	Location	Land use	Dates present	Group ID
I	20m SE	Cuttings	1914	1818944
J	25m NW	Railway Sidings	1898 - 1923	1785169
J	26m NW	Railway Sidings	1950	1819333
I	32m SE	Cuttings	1938	1819039
I	32m SE	Cuttings	1922	1831087
8	34m NW	Unspecified Depot	1978	1763693
I	37m SE	Cuttings	1968	1807073
H	37m SW	Railway Building	1880	1765372
K	41m SE	Unspecified Tanks	1992	1761680
L	44m NW	Unspecified Old Quarry	1923 - 1950	1797063
L	47m NW	Unspecified Old Quarry	1898 - 1923	1808515
A	65m SE	Unspecified Tanks	1992	1761681
9	69m NW	Unspecified Works	1978	1771574
M	104m NW	Unspecified Mill	1898 - 1923	1803802
M	110m NW	Corn Mill	1880	1767445
M	110m NW	Unspecified Mill	1950	1785530
M	111m NW	Unspecified Mill	1923	1834518
N	123m NW	Unspecified Pit	1923 - 1950	1802654
J	125m NW	Railway Sidings	1923	1786653
J	125m NW	Railway Sidings	1880	1836924
O	155m NW	Unspecified Warehouses	1978	1760357
O	159m NW	Unspecified Commercial/Industrial	1950	1753132
P	241m NW	Cuttings	1880	1792496
J	247m NW	Goods Shed	1923	1797052
N	249m NW	Unspecified Ground Workings	1923	1755490
O	250m NW	Unspecified Depot	1978	1763692
J	250m NW	Railway Building	1880	1765360
J	253m NW	Goods Shed	1898 - 1923	1830731



ID	Location	Land use	Dates present	Group ID
J	258m NW	Goods Shed	1950	1793954
R	274m N	Smithy	1923	1808603
P	281m NW	Cuttings	1923	1818748
R	282m N	Smithy	1898 - 1950	1848309
P	284m NW	Cuttings	1950	1785619
J	292m NW	Railway Building	1898 - 1923	1810374
S	294m S	Unspecified Disused Pit	1979	1818332
J	310m NW	Railway Building	1923	1765358
J	313m NW	Railway Buildings	1880	1773248
J	313m NW	Railway Building	1898 - 1923	1834838
J	314m NW	Railway Building	1923	1794392
J	315m NW	Railway Building	1898 - 1950	1826544
J	320m NW	Railway Building	1950	1795658
S	332m S	Unspecified Disused Pit	1992	1830357
14	340m NE	Unspecified Ground Workings	1880	1755491
P	351m NW	Cuttings	1898	1802668
15	374m S	Unspecified Pit	1938	1778282
U	401m NW	Nursery	1923 - 1950	1815996
U	401m NW	Nursery	1880	1836150
U	406m NW	Nursery	1898 - 1923	1834722
V	406m SE	Cuttings	1914	1839939
P	407m NW	Railway Station	1923	1789485
P	407m NW	Railway Station	1880	1799276
V	410m SE	Cuttings	1922 - 1938	1781371
V	410m SE	Cuttings	1876 - 1968	1835449
P	411m NW	Railway Station	1898 - 1923	1823126
P	417m NW	Railway Station	1978	1803525
P	418m NW	Railway Station	1950	1815366



ID	Location	Land use	Dates present	Group ID
16	425m S	Nursery	1992	1772309
18	431m SE	Railway Sidings	1968	1821821
W	445m S	Burial Ground	1968	1759834
W	462m S	Unspecified Disused Pit	1979	1816470
W	462m S	Unspecified Disused Pit	1992	1788961
X	467m N	Unspecified Quarry	1880	1826858
P	469m NW	Railway Building	1923	1782991
P	469m NW	Railway Building	1880	1808778
P	471m NW	Railway Building	1923	1810305
P	471m NW	Railway Building	1898	1848569
20	473m SE	Railway Sidings	1900	1844749
P	478m NW	Railway Building	1950	1799985
X	492m N	Unspecified Old Quarry	1923	1850120
X	498m N	Unspecified Quarry	1950	1819366

This data is sourced from Ordnance Survey / Groundsure.

## 1.2 Historical tanks

**Records within 500m**

**9**

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'.

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

ID	Location	Land use	Dates present	Group ID
<b>4</b>	<b>On site</b>	<b>Unspecified Tank</b>	<b>1994</b>	<b>284931</b>
E	7m NW	Unspecified Tank	1881	284929
K	42m SE	Tanks	1994	287682
K	47m SE	Tanks	1994	287683



ID	Location	Land use	Dates present	Group ID
A	65m SE	Tanks	1994	287684
O	235m NW	Unspecified Tank	1972 - 1994	299254
Q	250m NW	Unspecified Tank	1989	293163
Q	252m NW	Unspecified Tank	1972 - 1994	293421
17	427m NW	Unspecified Tank	1922	284934

This data is sourced from Ordnance Survey / Groundsure.

### 1.3 Historical energy features

Records within 500m

5

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'.

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

ID	Location	Land use	Dates present	Group ID
10	115m SE	Electricity Substation	1994	170768
11	204m NW	Electricity Substation	1989 - 1994	185037
12	268m N	Electricity Substation	1972 - 1994	183633
13	324m N	Electricity Substation	1972 - 1994	186774
19	464m N	Electricity Substation	1972 - 1994	187209

This data is sourced from Ordnance Survey / Groundsure.

### 1.4 Historical petrol stations

Records within 500m

1

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'.

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



ID	Location	Land use	Dates present	Group ID
T	354m NW	Filling Station	1972	2937

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

## 1.5 Historical garages

### Records within 500m

**1**

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'.

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

ID	Location	Land use	Dates present	Group ID
T	353m NW	Garage	1989 - 1994	58124

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

## 1.6 Historical military land

### Records within 500m

**0**

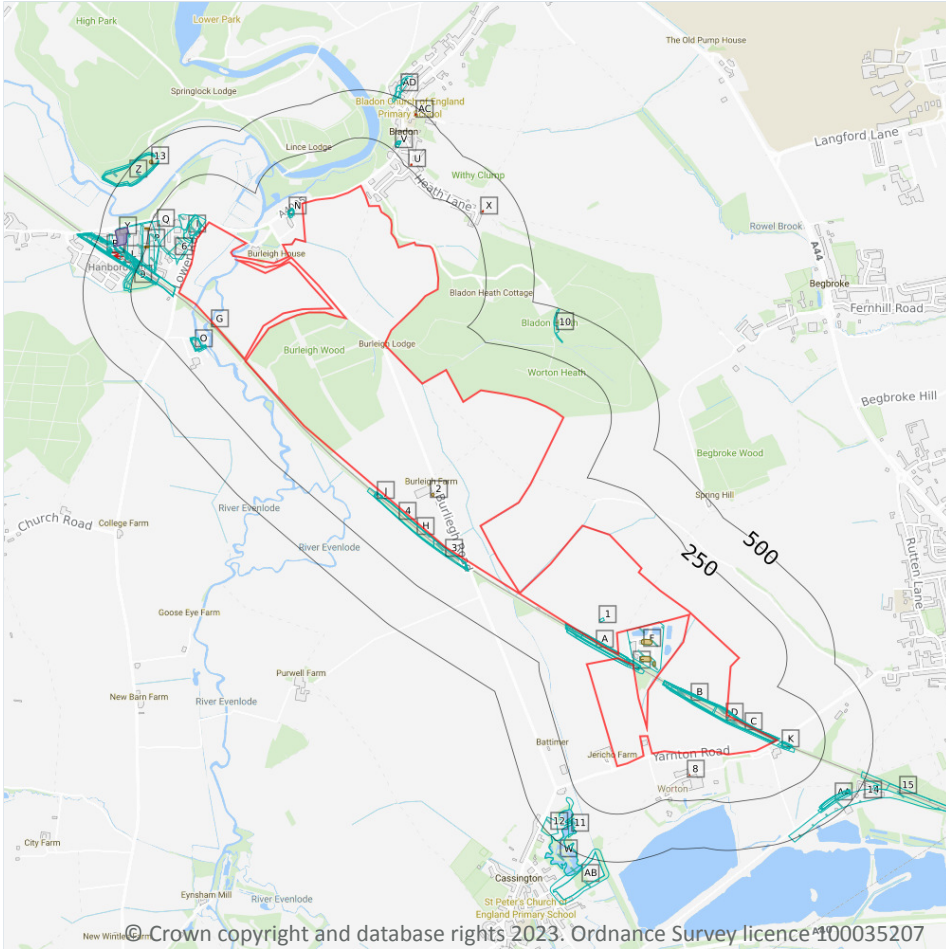
Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

*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
-  Historical tanks
-  Historical energy features
-  Historical petrol stations
-  Historical garages

### 2.1 Historical industrial land uses

<b>Records within 500m</b>	<b>126</b>
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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 21 >](#)

ID	Location	Land Use	Date	Group ID
1	On site	Smithy	1938	1779757
A	On site	Cuttings	1900	1802321
A	On site	Cuttings	1876	1785630

ID	Location	Land Use	Date	Group ID
A	On site	Cuttings	1968	1836004
A	On site	Cuttings	1979	1818893
A	On site	Cuttings	1992	1836417
A	On site	Cuttings	1900	1836004
A	On site	Cuttings	1914	1788719
A	On site	Cuttings	1938	1782313
A	On site	Cuttings	1922	1782313
B	On site	Cuttings	1900	1848597
B	On site	Cuttings	1900	1848597
C	On site	Cuttings	1900	1848598
C	On site	Cuttings	1900	1848598
D	On site	Cuttings	1876	1791405
D	On site	Cuttings	1968	1829259
D	On site	Cuttings	1979	1840165
D	On site	Cuttings	1992	1847253
D	On site	Cuttings	1914	1788990
D	On site	Cuttings	1938	1834823
D	On site	Cuttings	1922	1834823
E	On site	Cuttings	1914	1823381
E	On site	Cuttings	1938	1802479
E	On site	Cuttings	1922	1802479
F	On site	Sewage Works	1992	1759997
G	3m NW	Unspecified Tank	1880	1769077
H	3m S	Cuttings	1923	1819234
H	5m S	Cuttings	1923	1819234
H	5m S	Cuttings	1898	1819234
3	5m S	Cuttings	1968	1831741
4	6m S	Cuttings	1950	1812131



ID	Location	Land Use	Date	Group ID
H	7m S	Cuttings	1880	1822760
I	9m NW	Unspecified Quarry	1923	1847222
I	13m NW	Unspecified Quarry	1923	1841528
J	17m SW	Railway Building	1950	1833799
I	19m NW	Unspecified Quarry	1898	1833411
5	19m NW	Unspecified Quarry	1950	1832387
J	19m SW	Railway Building	1923	1833799
K	20m SE	Cuttings	1914	1818944
L	25m NW	Railway Sidings	1923	1785169
L	25m NW	Railway Sidings	1923	1785169
L	25m NW	Railway Sidings	1898	1785169
L	26m NW	Railway Sidings	1950	1819333
K	32m SE	Cuttings	1938	1819039
K	32m SE	Cuttings	1922	1831087
6	34m NW	Unspecified Depot	1978	1763693
K	37m SE	Cuttings	1968	1807073
J	37m SW	Railway Building	1880	1765372
M	41m SE	Unspecified Tanks	1992	1761680
N	44m NW	Unspecified Old Quarry	1950	1797063
N	47m NW	Unspecified Old Quarry	1923	1808515
N	47m NW	Unspecified Old Quarry	1898	1808515
N	47m NW	Unspecified Old Quarry	1923	1797063
F	65m SE	Unspecified Tanks	1992	1761681
7	69m NW	Unspecified Works	1978	1771574
O	104m NW	Unspecified Mill	1923	1803802
O	104m NW	Unspecified Mill	1898	1803802
O	110m NW	Corn Mill	1880	1767445
O	110m NW	Unspecified Mill	1950	1785530



ID	Location	Land Use	Date	Group ID
O	111m NW	Unspecified Mill	1923	1834518
9	123m NW	Unspecified Pit	1923	1802654
L	125m NW	Railway Sidings	1880	1836924
L	125m NW	Railway Sidings	1923	1786653
P	155m NW	Unspecified Warehouses	1978	1760357
P	159m NW	Unspecified Commercial/Industrial	1950	1753132
R	241m NW	Cuttings	1880	1792496
L	247m NW	Goods Shed	1923	1797052
S	249m NW	Unspecified Ground Workings	1923	1755490
P	250m NW	Unspecified Depot	1978	1763692
L	250m NW	Railway Building	1880	1765360
L	253m NW	Goods Shed	1923	1830731
L	253m NW	Goods Shed	1898	1830731
S	255m NW	Unspecified Pit	1950	1802654
L	258m NW	Goods Shed	1950	1793954
V	274m N	Smithy	1923	1808603
R	281m NW	Cuttings	1923	1818748
V	282m N	Smithy	1923	1848309
V	282m N	Smithy	1898	1848309
R	284m NW	Cuttings	1950	1785619
V	284m N	Smithy	1950	1848309
L	292m NW	Railway Building	1923	1810374
L	292m NW	Railway Building	1898	1810374
W	294m S	Unspecified Disused Pit	1979	1818332
L	310m NW	Railway Building	1923	1765358
L	313m NW	Railway Buildings	1880	1773248
L	313m NW	Railway Building	1923	1834838
L	313m NW	Railway Building	1898	1834838



ID	Location	Land Use	Date	Group ID
L	314m NW	Railway Building	1923	1794392
L	315m NW	Railway Building	1923	1826544
L	315m NW	Railway Building	1898	1826544
L	320m NW	Railway Building	1950	1795658
L	321m NW	Railway Building	1950	1826544
W	332m S	Unspecified Disused Pit	1992	1830357
10	340m NE	Unspecified Ground Workings	1880	1755491
R	351m NW	Cuttings	1898	1802668
11	374m S	Unspecified Pit	1938	1778282
Z	401m NW	Nursery	1880	1836150
Z	401m NW	Nursery	1923	1815996
Z	406m NW	Nursery	1923	1834722
Z	406m NW	Nursery	1898	1834722
AA	406m SE	Cuttings	1914	1839939
R	407m NW	Railway Station	1880	1799276
R	407m NW	Railway Station	1923	1789485
AA	410m SE	Cuttings	1938	1781371
AA	410m SE	Cuttings	1922	1781371
AA	410m SE	Cuttings	1968	1835449
R	411m NW	Railway Station	1923	1823126
R	411m NW	Railway Station	1898	1823126
Z	411m NW	Nursery	1950	1815996
R	417m NW	Railway Station	1978	1803525
R	418m NW	Railway Station	1950	1815366
AA	419m SE	Cuttings	1876	1835449
12	425m S	Nursery	1992	1772309
14	431m SE	Railway Sidings	1968	1821821
AB	445m S	Burial Ground	1968	1759834



ID	Location	Land Use	Date	Group ID
AB	462m S	Unspecified Disused Pit	1979	1816470
AB	462m S	Unspecified Disused Pit	1992	1788961
AD	467m N	Unspecified Quarry	1880	1826858
R	469m NW	Railway Building	1880	1808778
R	469m NW	Railway Building	1923	1782991
R	471m NW	Railway Building	1923	1810305
R	471m NW	Railway Building	1898	1848569
15	473m SE	Railway Sidings	1900	1844749
R	478m NW	Railway Building	1950	1799985
AD	492m N	Unspecified Old Quarry	1923	1850120
AD	498m N	Unspecified Quarry	1950	1819366

This data is sourced from Ordnance Survey / Groundsure.

## 2.2 Historical tanks

**Records within 500m**

**12**

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'.

Features are displayed on the Past land use - un-grouped map on [page 21](#) >

ID	Location	Land Use	Date	Group ID
<b>2</b>	<b>On site</b>	<b>Unspecified Tank</b>	<b>1994</b>	<b>284931</b>
G	7m NW	Unspecified Tank	1881	284929
M	42m SE	Tanks	1994	287682
M	47m SE	Tanks	1994	287683
F	65m SE	Tanks	1994	287684
P	235m NW	Unspecified Tank	1989	299254
P	235m NW	Unspecified Tank	1972	299254
P	236m NW	Unspecified Tank	1994	299254
T	250m NW	Unspecified Tank	1989	293163



ID	Location	Land Use	Date	Group ID
T	252m NW	Unspecified Tank	1972	293421
T	254m NW	Unspecified Tank	1994	293421
13	427m NW	Unspecified Tank	1922	284934

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

**Records within 500m**

**9**

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'.

Features are displayed on the Past land use - un-grouped map on [page 21 >](#)

ID	Location	Land Use	Date	Group ID
8	115m SE	Electricity Substation	1994	170768
Q	204m NW	Electricity Substation	1989	185037
Q	206m NW	Electricity Substation	1994	185037
U	268m N	Electricity Substation	1994	183633
U	270m N	Electricity Substation	1972	183633
X	324m N	Electricity Substation	1972	186774
X	325m N	Electricity Substation	1994	186774
AC	464m N	Electricity Substation	1994	187209
AC	466m N	Electricity Substation	1972	187209

This data is sourced from Ordnance Survey / Groundsure.

## 2.4 Historical petrol stations

**Records within 500m**

**1**

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'.

Features are displayed on the Past land use - un-grouped map on [page 21 >](#)



ID	Location	Land Use	Date	Group ID
Y	354m NW	Filling Station	1972	2937

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

## 2.5 Historical garages

**Records within 500m**

**2**

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'.

Features are displayed on the Past land use - un-grouped map on [page 21 >](#)

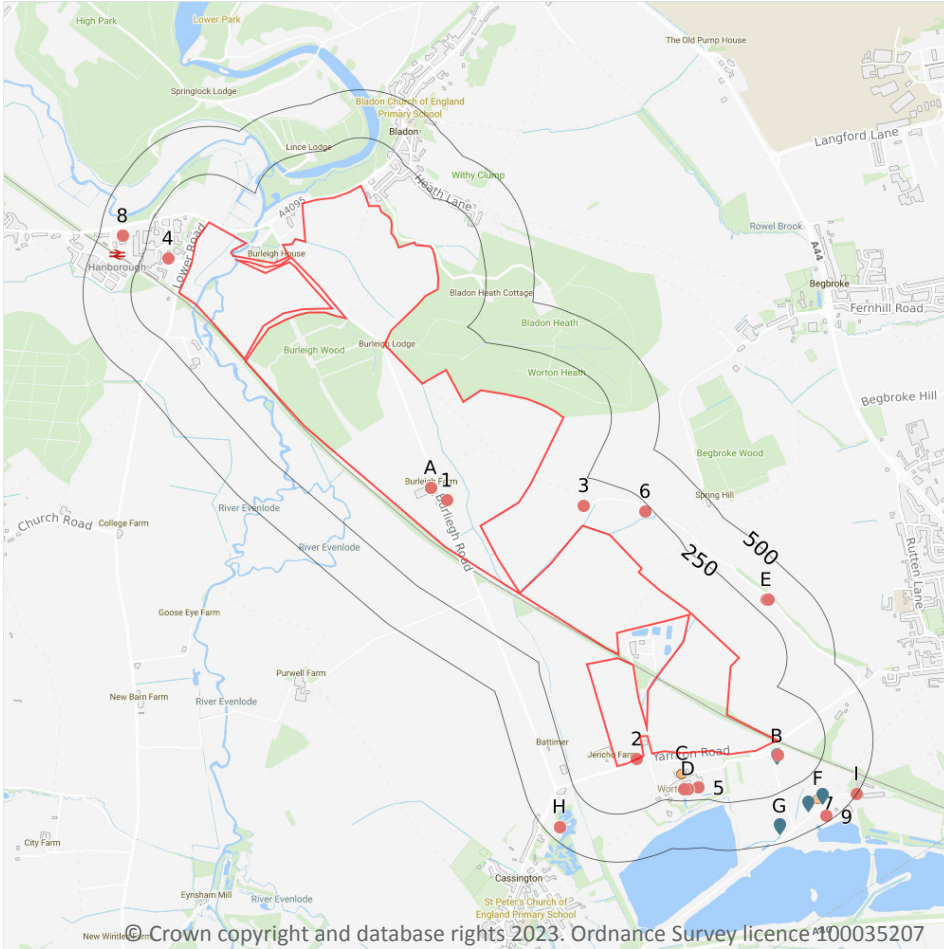
ID	Location	Land Use	Date	Group ID
Y	353m NW	Garage	1989	58124
Y	355m NW	Garage	1994	58124

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





## 3 Waste and landfill



### 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

6

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

Features are displayed on the Waste and landfill map on [page 29 >](#)

ID	Location	Address	Further Details	Date
C	84m SE	Site Address: Worton Rectory Farm, Waste Transfer Station, Cassington, WITNEY, Oxfordshire, OX29 4SU	Type of Site: Waste Transfer Station (Alterations/Extension) Planning application reference: 99/1246/CM Description: External alterations to form raising roof level and construction of a single storey extension (153m <sup>2</sup> ) to form a weighbridge office and skip storage extension. An application (ref: 99/1246/CM) for Detailed Planning permission was submitted to Cherwell D.C. on 5th October 1999. Data source: Historic Planning Application Data Type: Point	-
C	84m SE	Site Address: Worton Rectory Farm, Cassington, OXFORD, Oxfordshire, OX29 4SU	Type of Site: Waste Transfer Station (Extension) Planning application reference: 93/1138 Description: An application (ref: 93/1138) for Detailed Planning permission was submitted to West Oxfordshire D.C. on 9th September 1993.  Data source: Historic Planning Application Data Type: Point	-



ID	Location	Address	Further Details	Date
D	166m SE	Site Address: Worton Farm, Worton, Witney, Oxfordshire, OX29 4FL	Type of Site: Waste Transfer Station Planning application reference: 20/03436/OCC Description: Scheme comprises part change of use of agricultural barn to use as a secure waste transfer station - mw.0116/20. Data source: Historic Planning Application Data Type: Point	01/12/2020
D	166m SE	Site Address: Agricultural Barn, Cresswell Field, Worton Farm, Worton, Witney, Oxfordshire, OX29 4FL	Type of Site: Waste Transfer Station (Conversion) Planning application reference: MW.0116/20 Description: Scheme comprises part change of use of agricultural barn to use as a secure waste transfer station. Data source: Historic Planning Application Data Type: Point	19/11/2020
F	347m SE	Site Address: Cresswell Field, Worton Farm, Yarnton, KIDLINGTON, Oxfordshire, OX5	Type of Site: Recycling Centre Planning application reference: 06/01491/CM Description: Scheme comprises recycling of construction and demolition waste and vehicle parking area. Construction - black top surfacing site works. An application (ref: 06/01491/CM) for detailed planning permission was granted by Cherwell D.C. Planning decision o ained Data source: Historic Planning Application Data Type: Point	-
I	475m SE	Site Address: Cassington Pit, Worton Rectory Farm, Yarnton, WITNEY, Oxfordshire, OX29 4EB	Type of Site: Material Recycling Facility Planning application reference: 11/00946/CM Description: Scheme comprises use of part of mineral processing plant site for storage and recycling of materials excavated from local site construction works (OCC ref. MW.0071/11). An application (ref: 11/00946/CM) for detailed planning permission was submitted to C herwell D.C. A detailed planning application has been submitted. Data source: Historic Planning Application Data Type: Point	25/01/2012

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

### 3.6 Licensed waste sites

**Records within 500m**

**9**

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

Features are displayed on the Waste and landfill map on [page 29 >](#)



ID	Location	Details		
B	75m SE	Site Name: Worton Park Site Address: Maylarch Environmental Limited, Worton Park, Cassington, Witney, OX29 4FL Correspondence Address: -	Type of Site: Asbestos Waste Transfer Station Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: - EPR reference: EA/EPR/WE4746AB/A001 Operator: Maylarch Environmental Limited Waste Management licence No: 120600 Annual Tonnage: -	Issue Date: 20/05/2022 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
7	366m SE	Site Name: Cassington AD Facility Site Address: Severn Trent Green Power (Cassington) Limited, Worton Farm, Yarnton, Oxfordshire, OX29 4EB Correspondence Address: -	Type of Site: Landfill Gas Engine (3 mW) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 631484 EPR reference: EA/EPR/TP3231KR Operator: Severn Trent Green Power (Cassington) Limited Waste Management licence No: 400044 Annual Tonnage: 0	Issue Date: 07/05/2019 Effective Date: 07/05/2019 Modified: 07/05/2019 Surrendered Date: - Expiry Date: - Cancelled Date: 07/05/2019 Status: Issued
F	373m SE	Site Name: Cresswell Field, Worton Farm Site Address: Worton Farm, Worton, Yarnton, Oxfordshire, OX29 4EB Correspondence Address: -	Type of Site: Treatment of waste to produce soil 75,000 tpy Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MMS004 EPR reference: EA/EPR/FB3633AL/A001 Operator: M & M Skip Hire Limited Waste Management licence No: 103989 Annual Tonnage: 74999	Issue Date: 16/03/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
F	373m SE	Site Name: Cresswell Field, Worton Farm Site Address: M. & M. Skip Hire Limited, Worton Farm, Worton, Yarnton, Oxfordshire, OX29 4EB Correspondence Address: -	Type of Site: Treatment of waste to produce soil 75,000 tpy Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 628812 EPR reference: EA/EPR/FB3633AL Operator: M. & M. Skip Hire Limited Waste Management licence No: 103989 Annual Tonnage: 74999	Issue Date: 16/03/2012 Effective Date: 16/03/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 16/03/2012 Status: Issued
G	413m SE	Site Name: Worton Rectory Farm Transfer Station Site Address: Dairystock Co Ltd, Worton Rectory Farm, Cassington, Oxfordshire, OX29 4EB Correspondence Address: Dairystock Co Ltd c/o Agents, Gordon House, 276, Banbury Road, Summertown, Oxfordshire, OX2 7HA	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DAI001 EPR reference: - Operator: Dairystock Co Ltd Waste Management licence No: 86122 Annual Tonnage: 1485	Issue Date: 06/04/1995 Effective Date: - Modified: 25/04/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	413m SE	Site Name: Worton Rectory Farm Transfer Station Site Address: Dairystock Co Ltd, Worton Rectory Farm, Worton, Witney, Oxfordshire, OX29 4SY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MMS003 EPR reference: EA/EPR/BP3097ET/T001 Operator: M And M Skip Hire Ltd Waste Management licence No: 86122 Annual Tonnage: 105000	Issue Date: 06/04/1995 Effective Date: 19/03/2009 Modified: 25/04/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
G	413m SE	Site Name: Worton Rectory Farm Transfer Station Site Address: Dairystock Co Ltd, Worton Rectory Farm, Cassington, Oxfordshire, OX29 4EB Correspondence Address: Dairystock Co Ltd c/o Agents, Gordon House, 276, Banbury Road, Summertown, Oxfordshire, OX2 7HA	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DAI001 EPR reference: - Operator: Dairystock Company Ltd Waste Management licence No: 86122 Annual Tonnage: 1485	Issue Date: 06/04/1995 Effective Date: - Modified: 25/04/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	413m SE	Site Name: Worton Rectory Farm Composting Site Address: Dairystock Company Ltd, Worton Rectory Farm, Cassington, Witney, Oxfordshire, OX29 4EB Correspondence Address: -	Type of Site: Composting Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DAI002 EPR reference: EA/EPR/AP3399EA/S002 Operator: Dairystock Company Ltd Waste Management licence No: 86163 Annual Tonnage: 0	Issue Date: 23/03/1993 Effective Date: - Modified: 29/05/2002 Surrendered Date: Jan 31 2013 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
G	413m SE	Site Name: Worton Rectory Farm Composting Site Address: Dairystock Company Limited, Worton Rectory Farm, Cassington, Witney, Oxfordshire, OX29 4EB Correspondence Address: -	Type of Site: Composting Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 653445 EPR reference: EA/EPR/AP3399EA Operator: Dairystock Company Limited Waste Management licence No: 86163 Annual Tonnage: 0	Issue Date: 23/03/1993 Effective Date: 23/03/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 23/03/1993 Status: Surrendered

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

### 3.7 Waste exemptions

**Records within 500m**

**51**

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 29 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
1	On site	-	WEX102284	Using waste exemption	Not on a farm	Use of waste in construction
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Using waste exemption	On a Farm	Use of waste in construction
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Disposing of waste exemption	On a Farm	Burning waste in the open
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Disposing of waste exemption	On a Farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Treating waste exemption	On a Farm	Aerobic composting and associated prior treatment
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Treating waste exemption	On a Farm	Sorting mixed waste
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Using waste exemption	On a Farm	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX202616	Using waste exemption	On a Farm	Burning of waste as a fuel in a small appliance
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX175463	Disposing of waste exemption	On a farm	Burning waste in the open
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX175463	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX175463	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX016319	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX016319	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX016319	Disposing of waste exemption	On a farm	Burning waste in the open
A	On site	Burleigh Farm Burleigh Road WITNEY Oxfordshire OX29 4DZ	EPR/UE5359Q S/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
A	On site	Burleigh Farm Burleigh Road WITNEY Oxfordshire OX29 4DZ	EPR/UE5359Q S/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
A	On site	Burleigh Farm Burleigh Road WITNEY Oxfordshire OX29 4DZ	EPR/UE5359Q S/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	On site	Burleigh Farm Burleigh Road WITNEY Oxfordshire OX29 4DZ	EPR/UE5359Q S/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit





ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	Burleigh Farm Burleigh Road WITNEY Oxfordshire OX29 4DZ	EPR/UE5359Q S/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Using waste exemption	On a farm	Use of waste in construction
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Using waste exemption	On a farm	Use of waste for a specified purpose
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Treating waste exemption	On a farm	Sorting mixed waste
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	On site	BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ	WEX328159	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice



ID	Location	Site	Reference	Category	Sub-Category	Description
<b>A</b>	<b>On site</b>	<b>BURLEIGH FARM, BURLEIGH ROAD, CASSINGTON, WITNEY, OX29 4DZ</b>	<b>WEX328159</b>	<b>Disposing of waste exemption</b>	<b>On a farm</b>	<b>Burning waste in the open</b>
2	3m SE	Cassington Nurseries Yarnton Road Witney Oxfordshire OX29 4DY	EPR/EF0407V U/A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
B	73m SE	Old Lagoon Worton Farms Yarnton Oxfordshire OX29 4EB	EPR/RF0731YA /A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
3	101m E	Hall Farm Oxford	WEX269620	Storing waste exemption	On a farm	Storage of sludge
4	125m NW	14 Blenheim Office Park Oxford, Long Hanborough, Oxford, OX29 8LN	WEX318336	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
5	185m SE	Stable Courtyard, Worton Park, Cassington, Witney, OX29 4SU	WEX299311	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
D	191m SE	WORTON RECTORY FARM, WORTON, WITNEY, OX29 4SU	WEX170373	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
D	191m SE	Worton Farms Ltd, Worton Rectory Farm, Worton, WITNEY, OX29 4SU	WEX009849	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
D	191m SE	WORTON RECTORY FARM, WORTON, WITNEY, OX29 4SU	WEX303743	Using waste exemption	On a Farm	Burning of waste as a fuel in a small appliance
D	194m SE	Worton Rectory Farm Witney Oxfordshire OX29 4SU	EPR/MH0273S T/A001	Using waste exemption	Both agricultural and non- agricultural waste	Burning of waste as a fuel in a small appliance
6	215m E	-	WEX259214	Storing waste exemption	On a farm	Storage of sludge
E	315m SE	-	WEX291682	Storing waste exemption	On a farm	Storage of sludge
E	322m SE	-	WEX300895	Storing waste exemption	On a Farm	Storage of sludge
8	382m NW	HANBOROUGH PARK, OFF MAIN ROAD, LONG HANBOROUGH, OX29 8LA	WEX135557	Using waste exemption	Not on a farm	Use of waste in construction

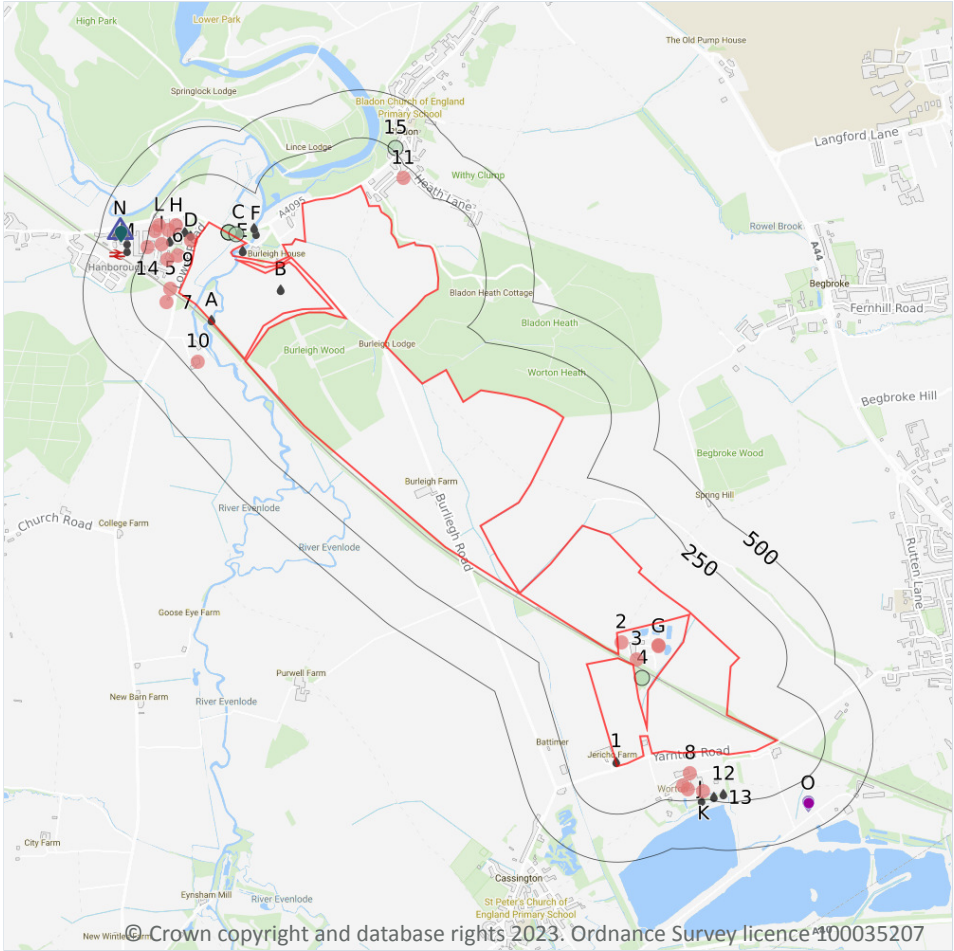


ID	Location	Site	Reference	Category	Sub-Category	Description
H	440m S	YARNTON ROAD, CASSINGTON, WITNEY, OX29 4DY	WEX202009	Using waste exemption	Not on a farm	Use of waste in construction
H	440m S	YARNTON ROAD, CASSINGTON, WITNEY, OX29 4DY	WEX333209	Using waste exemption	Not on a farm	Use of waste in construction
9	473m SE	-	WEX324065	Using waste exemption	Not on a farm	Use of waste for a specified purpose
I	499m SE	Creswell Field, Off A40, Cassington, OX29 4EB	WEX106470	Using waste exemption	Not on a farm	Use of waste in construction

*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
- ▲ Current or recent petrol stations
- ◊ Part A(1) industrial activities
- ◆ Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

### 4.1 Recent industrial land uses

**Records within 250m** **21**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 40](#) >

ID	Location	Company	Address	Activity	Category
2	18m SE	Slurry Bed	Oxfordshire, OX29	Waste Storage, Processing and Disposal	Infrastructure and Facilities
D	27m NW	Gas Governor	Oxfordshire, OX29	Gas Features	Infrastructure and Facilities
3	35m SE	Mast	Oxfordshire, OX29	Telecommunications Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
5	49m NW	Mast	Oxfordshire, OX29	Telecommunications Features	Infrastructure and Facilities
6	79m NW	Works	Oxfordshire, OX29	Unspecified Works Or Factories	Industrial Features
7	81m NW	Pump House	Oxfordshire, OX29	Water Pumping Stations	Industrial Features
G	90m SE	Works	Oxfordshire, OX29	Unspecified Works Or Factories	Industrial Features
G	94m SE	Sewage Works	Oxfordshire, OX29	Waste Storage, Processing and Disposal	Infrastructure and Facilities
8	107m SE	Electricity Sub Station	Oxfordshire, OX29	Electrical Features	Infrastructure and Facilities
9	125m NW	Oxford Cryosystems	2-3 Fenlock Court, Fenlock Road, Long Hanborough, Oxfordshire, OX29 8LN	Measurement and Inspection Equipment	Industrial Products
H	129m NW	Slater Plastics Ltd	7, Lodge Road, Hanborough Business Park, Long Hanborough, Oxfordshire, OX29 8LH	Photographic and Optical Equipment	Consumer Products
H	151m NW	Tula Publishing	Room 12 Wychwood House 14, Lodge Road, Hanborough Business Park, Long Hanborough, Oxfordshire, OX29 8LH	Published Goods	Industrial Products
J	171m SE	Even Lode Foods Ltd	Unit 3a Worton Park, -, Worton, Oxfordshire, OX29 4SX	Catering and Non Specific Food Products	Foodstuffs
I	173m NW	Recare	13, Lodge Road, Hanborough Business Park, Long Hanborough, Oxfordshire, OX29 8LJ	Disability and Mobility Equipment	Consumer Products
10	191m W	Built in Solutions	Mill Farm Barn, Lower Road, Long Hanborough, Oxfordshire, OX29 8LW	Furniture	Consumer Products
J	191m SE	Maylarch	Worton Rectory Farm, Worton, Witney, Oxfordshire, OX29 4SU	Demolition Services	Construction Services
11	191m N	Townhouse Executive Travel Ltd	5, Manor Road, Bladon, Oxfordshire, OX20 1RU	Vehicle Hire and Rental	Hire Services
K	208m SE	Reed Filter Bed	Oxfordshire, OX29	Waste Storage, Processing and Disposal	Infrastructure and Facilities
L	209m NW	Electricity Sub Station	Oxfordshire, OX29	Electrical Features	Infrastructure and Facilities
L	219m NW	Hanborough Business Park	Oxfordshire, OX29	Business Parks and Industrial Estates	Industrial Features



ID	Location	Company	Address	Activity	Category
14	243m NW	Tank	Oxfordshire, OX29	Tanks (Generic)	Industrial Features

*This data is sourced from Ordnance Survey.*

## 4.2 Current or recent petrol stations

<b>Records within 500m</b>	<b>1</b>
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 40 >](#)

ID	Location	Company	Address	LPG	Status
N	401m NW	OBSOLETE	Main Road, Long Hanborough, Witney, Oxfordshire, OX29 8LA	Not Applicable	Obsolete

*This data is sourced from Experian.*

## 4.3 Electricity cables

<b>Records within 500m</b>	<b>0</b>
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High voltage underground electricity transmission cables.

*This data is sourced from National Grid.*

## 4.4 Gas pipelines

<b>Records within 500m</b>	<b>0</b>
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High pressure underground gas transmission pipelines.

*This data is sourced from National Grid.*

## 4.5 Sites determined as Contaminated Land

<b>Records within 500m</b>	<b>0</b>
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

*This data is sourced from Local Authority records.*



## 4.6 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.*

## 4.7 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.*

## 4.8 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.*

## 4.9 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.*

## 4.10 Licensed industrial activities (Part A(1))

Records within 500m 5

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

Features are displayed on the Current industrial land use map on [page 40](#) >

ID	Location	Details	
O	366m SE	Operator: Agrivert (Cassington) Limited Installation Name: Agrivert Cassington AD Facility EPR/TP3231KR Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: FP3433YL Original Permit Number: NP3134WU	EPR Reference: - Issue Date: 09/01/2017 Effective Date: 09/01/2017 Last date noted as effective: 21/03/2023 Status: Superseded
O	366m SE	Operator: Oxford Renewable Energy Limited (OREL) Installation Name: Agrivert Cassington AD Facility EPR/TP3231KR Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: NP3134WU Original Permit Number: NP3134WU	EPR Reference: - Issue Date: 09/10/2015 Effective Date: 09/10/2015 Last date noted as effective: 21/03/2023 Status: Superseded
O	366m SE	Operator: Severn Trent Green Power (Cassington) Limited Installation Name: Cassington AD Facility Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: CP3708PM Original Permit Number: NP3134WU	EPR Reference: - Issue Date: 07/05/2019 Effective Date: 07/05/2019 Last date noted as effective: 21/03/2023 Status: Effective
O	366m SE	Operator: Severn Trent Green Power (Cassington) Limited Installation Name: Cassington AD Facility - EPR/TP3231KR Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: PP3906MN Original Permit Number: NP3134WU	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 21/03/2023 Status: Determination
O	366m SE	Operator: SEVERN TRENT GREEN POWER (CASSINGTON) LIMITED Installation Name: Cassington AD Facility Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 75 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: TP3231KR Original Permit Number: NP3134WU	EPR Reference: EPR/TP3231KR Issue Date: 07/05/2019 Effective Date: 07/05/2019 Last date noted as effective: 25/05/2023 Status: Effective

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





## 4.11 Licensed pollutant release (Part A(2)/B)

**Records within 500m**
**1**

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.

Features are displayed on the Current industrial land use map on [page 40](#) >

ID	Location	Address	Details	
N	390m NW	North Oxford Garage, Main Road, Long Hanborough, Witney, OX29 8LA	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

*This data is sourced from Local Authority records.*

## 4.12 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.*

## 4.13 Licensed Discharges to controlled waters

**Records within 500m**
**22**

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

Features are displayed on the Current industrial land use map on [page 40](#) >

ID	Location	Address	Details	
1	On site	JERICO FARM, CASSINGTON, OXFORDSHI, JERICO FARM, CASSINGTON, OXFORD, SHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.0765 Permit Version: 1 Receiving Water: DITCH TRIB OF BATTENER BROOK	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 10/10/1990 Effective Date: 10/10/1990 Revocation Date: 01/10/1996
A	On site	OFFICES, BLENHEIM BUSINESS PARK, LO, OFFICES, BLENHEIM BUSINESS PARK, LONG HANBOROUGH, OXFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.0933 Permit Version: 1 Receiving Water: RIVER EVENLODE	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 18/02/1991 Effective Date: 18/02/1991 Revocation Date: -



ID	Location	Address	Details	
A	On site	OFFICES, BLENHEIM BUSINESS PARK, LO, OFFICES, BLENHEIM BUSINESS PARK, LONG HANBOROUGH, OXFORDSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CNTW.0934 Permit Version: 1 Receiving Water: RIVER EVENLODE	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 18/02/1991 Effective Date: 18/02/1991 Revocation Date: -
B	On site	Long Hanborough - Scarsbrook P., Long Hanborough - Scarsbrook P.	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1374 Permit Version: 1 Receiving Water: EVENLODE	Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02/11/1989 Revocation Date: 02/09/2010
B	On site	Long Hanborough - Scarsbrook P., Long Hanborough - Scarsbrook P.	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1374 Permit Version: 2 Receiving Water: Evenlode	Status: SURRENDERED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 13/10/2015
E	26m NW	BANKSIDE SEWAGE TREATMENT, WORKS, L, BANKSIDE SEWAGE TREATMENT, WORKS, LODGE ROAD, LONG HANBOROUGH, O, XFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CATM.2860 Permit Version: 1 Receiving Water: RIVER EVENLODE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 01/04/1997 Effective Date: 01/04/1997 Revocation Date: 22/12/2009
E	26m NW	UNITS 6 & 6A, LODGE ROAD, MAIN ROAD, UNITS 6 & 6A, LODGE ROAD, MAIN R, OAD, LONG HANBOROUGH, OXFORDSHIR, E	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.0663 Permit Version: 1 Receiving Water: RIVER EVENLODE	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 17/09/1990 Effective Date: 17/09/1990 Revocation Date: 01/10/1996
E	26m NW	OXFORD CONTROLS BUILDING, MAIN ROAD, OXFORD CONTROLS BUILDING, MAIN R, OAD, LONG HANBOROUGH, OXFORDSHIR, E	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.3055 Permit Version: 1 Receiving Water: RIVER EVENLODE	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 26/01/1989 Effective Date: 26/01/1989 Revocation Date: 01/10/1996
C	28m NW	HANBOROUGH BUSINESS PARK, LODGE ROAD, LONG HANBOROUGH, WITNEY, OXON, OX29 8LH	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CAWM.1497 Permit Version: 1 Receiving Water: A TRIBUTARY OF RIVER EVENLODE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 15/08/2007 Effective Date: 15/08/2007 Revocation Date: -



ID	Location	Address	Details	
D	36m NW	THE OLD FILM STUDIO, LOWER ROAD, LONG HANBOROUGH, LONG HANBOROUGH, OXFORDSHIRE, OX29 8LL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPREP3620GU Permit Version: 1 Receiving Water: GROUNDWATER VIA INFILTRATION	Status: NEW ISSUED UNDER EPR 2010 Issue date: 01/10/2010 Effective Date: 01/10/2010 Revocation Date: -
F	68m NW	HEWDEN PLANT HIRE LTD, MAIN ROAD, LONG HANBOROUGH, WITNEY, OXFORDSHIRE, OX8 8LA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CATM.3486 Permit Version: 1 Receiving Water: THE RIVER EVENLODE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 04/05/1999 Effective Date: 20/10/1998 Revocation Date: -
D	73m NW	LOWER ROAD, LONG HANBOROUGH, OXON., LOWER ROAD, LONG HANBOROUGH, OXO, N.	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.0188 Permit Version: 1 Receiving Water: CORNBRAH LIMESTONE	Status: TRANSFERRED FROM COPA 1974 Issue date: 22/07/1985 Effective Date: 22/07/1985 Revocation Date: -
F	87m NW	HANBOROUGH BUSINESS PARK, MAIN ROAD, HANBOROUGH BUSINESS PARK, MAIN R, OAD, LONG HANBOROUGH, OXON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.3502 Permit Version: 1 Receiving Water: UN-NAMED TRIB OF R. EVENLODE	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 17/08/1989 Effective Date: 17/08/1989 Revocation Date: 15/08/2007
I	136m NW	MAIN ROAD, LONG HANBOROUGH, OXON, MAIN ROAD, LONG HANBOROUGH, OXON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.0431 Permit Version: 1 Receiving Water: FOREST MARBLE	Status: REVOKED - UNSPECIFIED Issue date: 11/10/1985 Effective Date: 11/10/1985 Revocation Date: 07/11/1990
12	206m SE	WORTON RECTORY FARM, CASSINGTON, NEAR OXFORD, OXFORDSHIRE, OX8 1EB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CAWM.0025 Permit Version: 1 Receiving Water: INTO LAND	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 26/08/1999 Effective Date: 12/08/1999 Revocation Date: 13/03/2007



ID	Location	Address	Details	
13	230m SE	WORTON PARK, CASSINGTON, WITNEY, OXFORDSHIRE, OX29 4SU	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRFB3391WY Permit Version: 1 Receiving Water: GROUNDWATER VIA INF SYSTEM	Status: NEW ISSUED UNDER EPR 2010 Issue date: 01/11/2017 Effective Date: 01/11/2017 Revocation Date: -
K	253m SE	WORTON PARK, CASSINGTON, WITNEY, OXFORDSHIRE, OX29 4SU	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: EPRFB3391WY Permit Version: 1 Receiving Water: GROUNDWATER VIA INF SYSTEM	Status: NEW ISSUED UNDER EPR 2010 Issue date: 01/11/2017 Effective Date: 01/11/2017 Revocation Date: -
M	335m NW	MAIN ROAD, LONG HANBOROUGH, OXON, MAIN ROAD, LONG HANBOROUGH, OXON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1883 Permit Version: 1 Receiving Water: CORALLIAN	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 05/10/1987 Effective Date: 05/10/1987 Revocation Date: 01/10/1996
M	350m NW	SIXTEEN INDUSTRIAL UNITS OFF MAIN R, SIXTEEN INDUSTRIAL UNITS OFF MAI, N ROAD, LONG HANBOROUGH, OXFORD	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCU.1755 Permit Version: 1 Receiving Water: CORNBASH STRATA	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 18/07/1984 Effective Date: 18/07/1984 Revocation Date: 01/10/1996
N	361m NW	NORTH OXFORD GARAGES, LONG HANBOROU, NORTH OXFORD GARAGES, LONG HANBO, ROUGH, BLADON, OXON	Effluent Type: MISCELLANEOUS DISCHARGES - UNSPECIFIED Permit Number: CTWC.2125 Permit Version: 1 Receiving Water: CORNBASH	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/01/1988 Effective Date: 15/01/1988 Revocation Date: 01/10/1996
N	361m NW	NORTH OXFORD GARAGES, LONG HANBOROU, NORTH OXFORD GARAGES, LONG HANBO, ROUGH, BLADON, OXON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1903 Permit Version: 1 Receiving Water: FOREST MARBLE	Status: REVOKED - UNSPECIFIED Issue date: 28/09/1987 Effective Date: 28/09/1987 Revocation Date: 08/10/1996
N	416m NW	HENCROFT, MAIN RD, LONG HANBOROUGH, HENCROFT, MAIN ROAD, LONG HANBOROUGH, OXFORD, OXFORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCU.1701 Permit Version: 1 Receiving Water: CORNBASH STRATA	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 08/05/1984 Effective Date: 08/05/1984 Revocation Date: 01/10/1996

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



#### 4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
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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.*

#### 4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

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

#### 4.16 List 1 Dangerous Substances

Records within 500m	0
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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.*

#### 4.17 List 2 Dangerous Substances

Records within 500m	0
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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.*

#### 4.18 Pollution Incidents (EA/NRW)

Records within 500m	6
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Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on [page 40 >](#)

ID	Location	Details	
C	3m NW	Incident Date: 03/09/2001 Incident Identification: 28478 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Natural Organic Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	3m NW	Incident Date: 03/09/2001 Incident Identification: 28478 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	3m NW	Incident Date: 03/09/2001 Incident Identification: 28478 Pollutant: Inert Materials and Wastes:General Biodegradable Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes:Natural Organic Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	17m NW	Incident Date: 02/05/2003 Incident Identification: 155556 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	37m SE	Incident Date: 06/09/2012 Incident Identification: 1034867 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
15	267m N	Incident Date: 01/08/2002 Incident Identification: 96356 Pollutant: Sewage Materials Pollutant Description: Storm Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

## 4.19 Pollution inventory substances

**Records within 500m**

**1**

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.

Features are displayed on the Current industrial land use map on [page 40 >](#)



ID: O, Location: 367m SE, Permit: TP3231KR  
 Operator: Severn Trent Green Power (Cassington) Limited  
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT  
 Address: Cassington AD Facility Worton Farm Oxfordshire OX29 4EB  
 Sector: Biowaste Treatment, Sub-sector: Biowaste Treatment  
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Nitrous oxide	10000kg	Below Reporting Threshold
Air	Methane	10000kg	Below Reporting Threshold
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Benzene	1000kg	Below Reporting Threshold

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

## 4.20 Pollution inventory waste transfers

<b>Records within 500m</b>	<b>1</b>
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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.

Features are displayed on the Current industrial land use map on [page 40 >](#)

ID: O, Location: 367m SE, Permit: TP3231KR  
 Operator: Severn Trent Green Power (Cassington) Limited  
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT  
 Address: Cassington AD Facility Worton Farm Oxfordshire OX29 4EB  
 Sector: Biowaste Treatment, Sub-sector: Biowaste Treatment  
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	1616.32	absolute value	19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	No

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

## 4.21 Pollution inventory radioactive waste

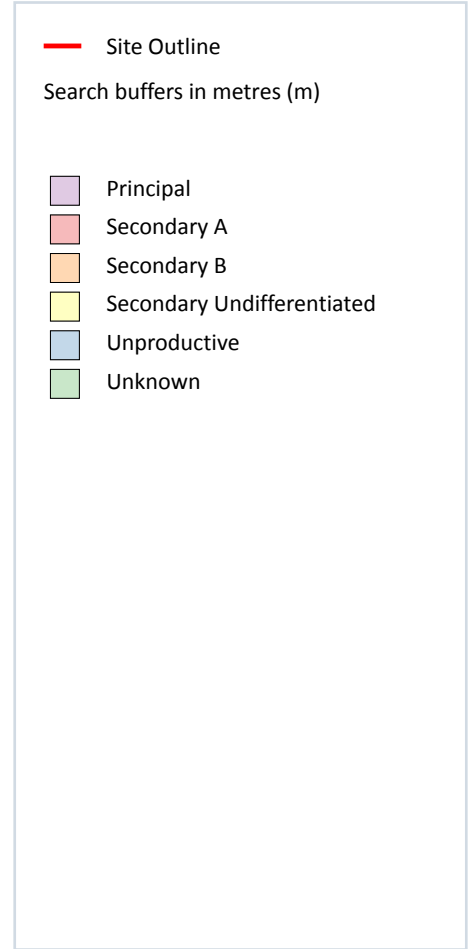
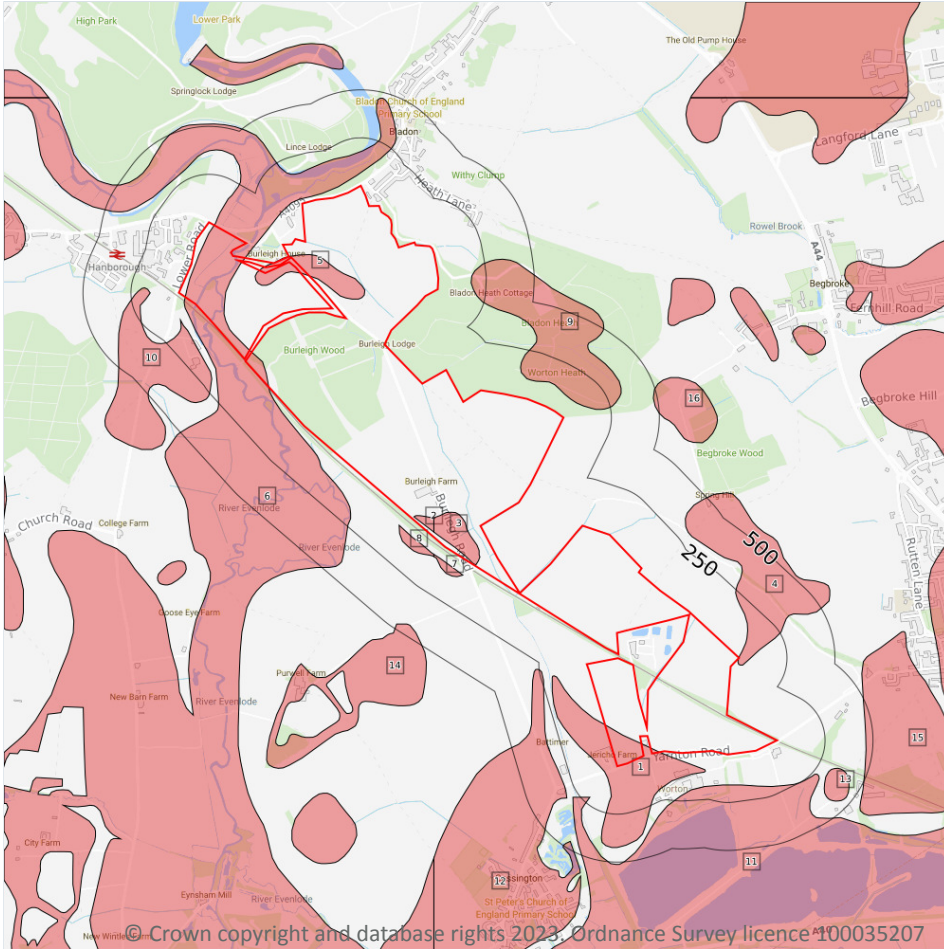
<b>Records within 500m</b>	<b>0</b>
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The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value 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

16

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 53 >](#)

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 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

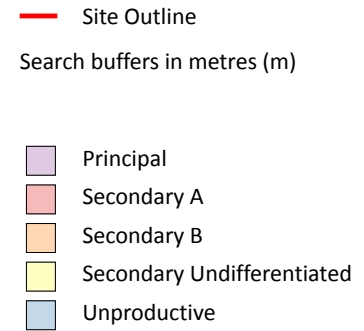
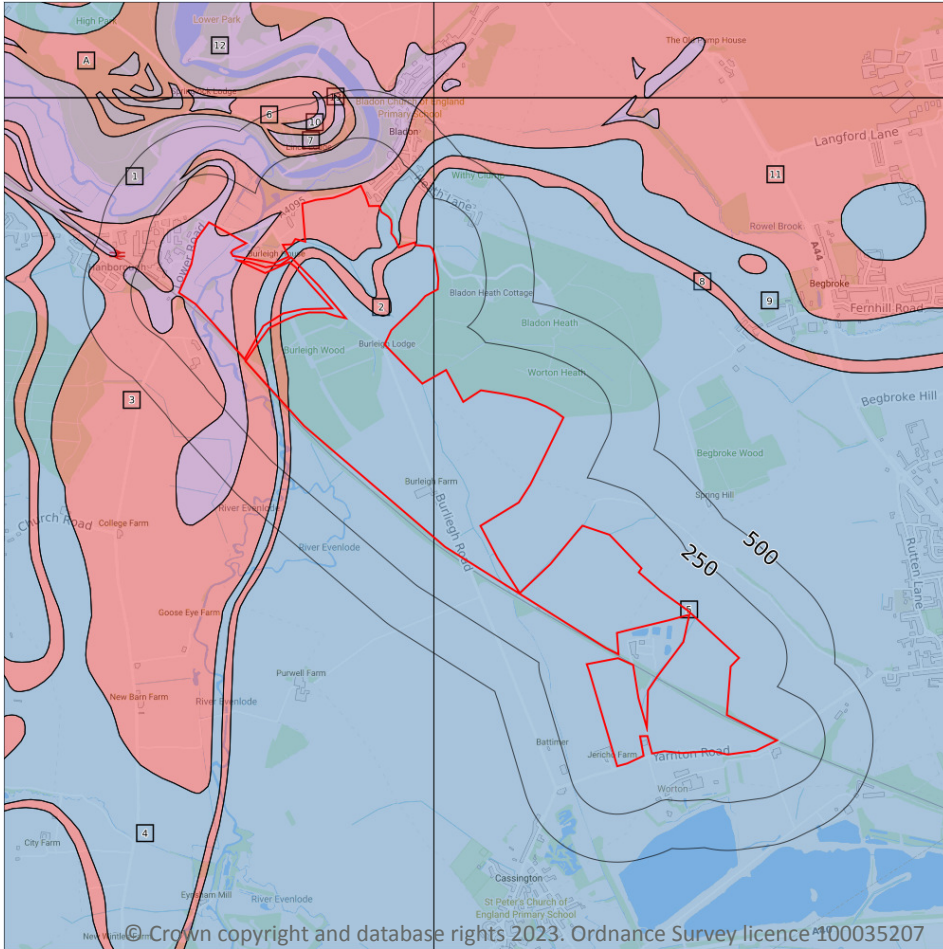
ID	Location	Designation	Description
3	On site	Secondary A	<b>Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers</b>
4	On site	Secondary A	<b>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</b>
5	On site	Secondary A	<b>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</b>
6	On site	Secondary A	<b>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</b>
7	64m S	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
8	68m S	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
9	100m NE	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
10	113m NW	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
11	159m SE	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
12	238m S	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
13	315m SE	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
14	443m S	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
15	462m SE	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
16	480m E	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

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

## Bedrock aquifer



### 5.2 Bedrock aquifer

Records within 500m

14

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 56 >](#)

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	<b>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</b>
4	On site	Unproductive	<b>These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow</b>
5	On site	Unproductive	<b>These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow</b>
6	237m NW	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	279m NW	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
8	300m 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
9	356m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
10	371m NW	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
11	441m 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
12	459m N	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
A	465m 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
13	474m N	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.*





ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Principal <b>Flow mechanism:</b> Well connected fractures
2	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
3	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> Medium <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
4	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> Medium <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
5	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Principal <b>Flow mechanism:</b> Well connected fractures
6	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	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: Principal Flow mechanism: Well connected fractures
8	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
9	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive 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: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
10	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
11	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
12	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures





ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
13	On site	<b>Summary Classification:</b> Secondary superficial aquifer - Medium Vulnerability <b>Combined classification:</b> Unproductive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> Medium <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
14	On site	<b>Summary Classification:</b> Secondary superficial aquifer - Medium Vulnerability <b>Combined classification:</b> Unproductive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> Medium <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
15	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Unproductive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
16	On site	<b>Summary Classification:</b> Principal bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Principal <b>Flow mechanism:</b> Well connected fractures
17	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
18	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
19	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300- 550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
20	On site	<b>Summary Classification:</b> Principal bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Principal <b>Flow mechanism:</b> Well connected fractures
21	On site	<b>Summary Classification:</b> Principal bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Principal <b>Flow mechanism:</b> Well connected fractures
22	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
23	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
24	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
25	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
26	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
27	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
28	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
29	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
30	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
31	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
32	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
33	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> 300-550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
34	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
35	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
36	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
37	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
38	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
39	On site	<b>Summary Classification:</b> Unproductive aquifer (may have productive aquifer beneath) <b>Combined classification:</b> Unproductive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Low <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures
A	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
A	On site	<b>Summary Classification:</b> Secondary superficial aquifer - High Vulnerability <b>Combined classification:</b> Unproductive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class:</b> High <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> Unproductive <b>Aquifer type:</b> Unproductive <b>Flow mechanism:</b> Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
B	On site	<b>Summary Classification:</b> Principal bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class: High</b> <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability: -</b> <b>Aquifer type: -</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability: High</b> <b>Aquifer type: Principal</b> <b>Flow mechanism: Well connected fractures</b>
B	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class: High</b> <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability: -</b> <b>Aquifer type: -</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability: High</b> <b>Aquifer type: Secondary</b> <b>Flow mechanism: Well connected fractures</b>
C	On site	<b>Summary Classification:</b> Principal bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class: High</b> <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability: -</b> <b>Aquifer type: -</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability: High</b> <b>Aquifer type: Principal</b> <b>Flow mechanism: Well connected fractures</b>
C	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class: High</b> <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability: -</b> <b>Aquifer type: -</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability: High</b> <b>Aquifer type: Secondary</b> <b>Flow mechanism: Well connected fractures</b>
45	11m NW	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class: High</b> <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability: -</b> <b>Aquifer type: -</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability: High</b> <b>Aquifer type: Secondary</b> <b>Flow mechanism: Well connected fractures</b>
46	11m N	<b>Summary Classification:</b> Principal bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class: High</b> <b>Infiltration value:</b> >70% <b>Dilution value:</b> <300mm/year	<b>Vulnerability: -</b> <b>Aquifer type: -</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability: High</b> <b>Aquifer type: Principal</b> <b>Flow mechanism: Well connected fractures</b>
47	13m W	<b>Summary Classification:</b> Secondary superficial aquifer - Medium Vulnerability <b>Combined classification:</b> Unproductive Bedrock Aquifer, Productive Superficial Aquifer	<b>Leaching class: Low</b> <b>Infiltration value: 40-</b> 70% <b>Dilution value: 300-</b> 550mm/year	<b>Vulnerability: Medium</b> <b>Aquifer type: Secondary</b> <b>Thickness: &lt;3m</b> <b>Patchiness value: &lt;90%</b> <b>Recharge potential: No Data</b>	<b>Vulnerability:</b> <b>Unproductive</b> <b>Aquifer type:</b> <b>Unproductive</b> <b>Flow mechanism: Well connected fractures</b>



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
48	23m NW	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
49	36m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
50	36m NW	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
51	36m NW	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
52	41m W	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
53	45m NW	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

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



## 5.4 Groundwater vulnerability- soluble rock risk

<b>Records on site</b>	<b>6</b>
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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
40	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	22.0%
41	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%
42	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.	4.0%
43	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	1.0%
44	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.	12.0%
D	Very significant soluble rocks are likely to be present with a high possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, especially in adverse conditions such as concentrated surface or subsurface water flow.	0.0%

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

## 5.5 Groundwater vulnerability- local information

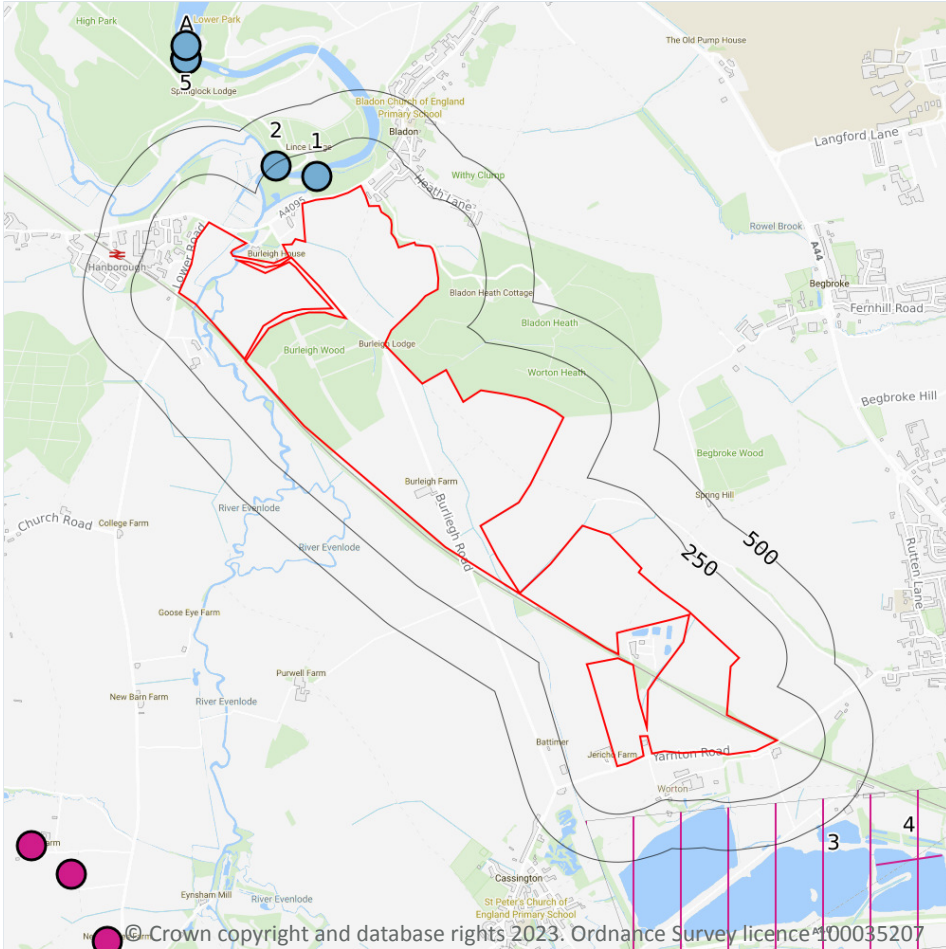
<b>Records on site</b>	<b>0</b>
------------------------	----------

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](mailto:enquiries@environment-agency.gov.uk) ↗.

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



## Abstractions and Source Protection Zones



### 5.6 Groundwater abstractions

Records within 2000m

2

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 69](#) >

ID	Location	Details	
3	269m SE	Status: Active Licence No: TH/039/0013/011 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: THAMES FIRST AND SECOND TERRACE DEPOSITS, CASSINGTON QUARRY Data Type: Poly4 Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 445790 Northing: 211229	Annual Volume (m <sup>3</sup> ): 1504895 Max Daily Volume (m <sup>3</sup> ): 4882 Original Application No: NPS/NA/001301 Original Start Date: 14/05/2021 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 14/05/2021 Version End Date: -
4	829m SE	Status: Active Licence No: TH/039/0013/008 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: REACH Data Type: Line Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 447650 Northing: 211050	Annual Volume (m <sup>3</sup> ): 871200 Max Daily Volume (m <sup>3</sup> ): 2904 Original Application No: NPS/WR/030169 Original Start Date: 30/08/2019 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 30/08/2019 Version End Date: -

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

## 5.7 Surface water abstractions

<b>Records within 2000m</b>	<b>13</b>
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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 69 >](#)

ID	Location	Details	
1	120m NW	Status: Historical Licence No: TH/039/0012/002 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: SOUTHERN GLYME OUTFALL Data Type: Point Name: Vanbrugh Unit Trust Easting: 444391 Northing: 214589	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: NPS/WR/009490 Original Start Date: 25/04/2013 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/10/2014 Version End Date: -



ID	Location	Details	
2	240m NW	Status: Historical Licence No: TH/039/0012/002 Details: Hydroelectric Power Generation Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BLADON DAM Data Type: Point Name: Vanbrugh Unit Trust Easting: 444177 Northing: 214645	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: NPS/WR/009490 Original Start Date: 25/04/2013 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/10/2014 Version End Date: -
A	857m NW	Status: Historical Licence No: 28/39/12/0035 Details: General Farming & Domestic Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BLENHEIM PARK, WOODSTOCK, OXON Data Type: Point Name: TRUSTEES OF THE BLENHEIM EST Easting: 443710 Northing: 215200	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 102 Version Start Date: 12/12/2000 Version End Date: -
A	857m NW	Status: Historical Licence No: 28/39/12/0035 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BLENHEIM PARK, WOODSTOCK, OXON Data Type: Point Name: TRUSTEES OF THE BLENHEIM EST Easting: 443710 Northing: 215200	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 102 Version Start Date: 12/12/2000 Version End Date: -
A	857m NW	Status: Historical Licence No: 28/39/12/0035 Details: General Farming & Domestic Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BLENHEIM PARK, WOODSTOCK, OXON - BLENHEIM LAKE Data Type: Point Name: TRUSTEES OF THE BLENHEIM ESTATE Easting: 443710 Northing: 215200	Annual Volume (m <sup>3</sup> ): 57684 Max Daily Volume (m <sup>3</sup> ): 237 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 102 Version Start Date: 12/12/2000 Version End Date: -
A	857m NW	Status: Historical Licence No: 28/39/12/0035 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BLENHEIM PARK, WOODSTOCK, OXON - BLENHEIM LAKE Data Type: Point Name: TRUSTEES OF THE BLENHEIM ESTATE Easting: 443710 Northing: 215200	Annual Volume (m <sup>3</sup> ): 57684 Max Daily Volume (m <sup>3</sup> ): 237 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 102 Version Start Date: 12/12/2000 Version End Date: -



ID	Location	Details	
5	927m NW	Status: Historical Licence No: TH/039/0012/013 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: SIPHONS AT POINT C Data Type: Point Name: Blenheim Palace Heritage Foundation Easting: 443707 Northing: 215270	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: NPS WR/032949 Original Start Date: 30/04/2020 Expiry Date: 31/03/2023 Issue No: 1 Version Start Date: 30/04/2020 Version End Date: -
-	1462m SE	Status: Historical Licence No: 28/39/16/0009 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: UNIVERSITY FIELD STATION, WYTHAM, OXFORD (A & B) Data Type: Line Name: OXFORD UNIVERSITY Easting: 446600 Northing: 210100	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/04/1966 Version End Date: -
-	1462m SE	Status: Historical Licence No: 28/39/16/0009 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: UNIVERSITY FIELD STATION, WYTHAM, OXFORD (A & B) - R.THAMES Data Type: Line Name: OXFORD UNIVERSITY Easting: 446600 Northing: 210100	Annual Volume (m <sup>3</sup> ): 43187 Max Daily Volume (m <sup>3</sup> ): 600.07 Original Application No: WRA./1030 Original Start Date: 04/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/04/1966 Version End Date: -
-	1553m SE	Status: Historical Licence No: 28/39/16/0009 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: UNIVERSITY FIELD STATION, WYTHAM (C & D) Data Type: Line Name: OXFORD UNIVERSITY Easting: 447100 Northing: 210100	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/04/1966 Version End Date: -



ID	Location	Details	
-	1553m SE	Status: Historical Licence No: 28/39/16/0009 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: UNIVERSITY FIELD STATION, WYTHAM (C & D) - SEACOURT STREAM Data Type: Line Name: OXFORD UNIVERSITY Easting: 447100 Northing: 210100	Annual Volume (m <sup>3</sup> ): 43187 Max Daily Volume (m <sup>3</sup> ): 600.07 Original Application No: WRA./1030 Original Start Date: 04/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/04/1966 Version End Date: -
-	1712m SE	Status: Historical Licence No: 28/39/16/0053 Details: Potable Water Supply - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: KINGS WEIR POINT 'B' Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 447700 Northing: 210200	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 10/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 10/07/1967 Version End Date: -
-	1712m SE	Status: Historical Licence No: 28/39/16/0078 Details: Potable Water Supply - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: KINGS WEIR - RIVER THAMES Data Type: Point Name: Thames Water Utilities Ltd Easting: 447700 Northing: 210200	Annual Volume (m <sup>3</sup> ): 55312169 Max Daily Volume (m <sup>3</sup> ): 300042 Original Application No: WRL/39/16/60 Original Start Date: 18/09/2002 Expiry Date: - Issue No: 1 Version Start Date: 18/09/2002 Version End Date: -

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

## 5.8 Potable abstractions

### Records within 2000m

2

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 69](#) >



ID	Location	Details	
-	1712m SE	Status: Active Licence No: 28/39/16/0078 Details: Potable Water Supply - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: KINGS WEIR - RIVER THAMES Data Type: Point Name: Thames Water Utilities Ltd Easting: 447700 Northing: 210200	Annual Volume (m <sup>3</sup> ): 55312169 Max Daily Volume (m <sup>3</sup> ): 300042 Original Application No: WRL/39/16/60 Original Start Date: 18/09/2002 Expiry Date: - Issue No: 1 Version Start Date: 18/09/2002 Version End Date: -
-	1712m SE	Status: Historical Licence No: 28/39/16/0053 Details: Potable Water Supply - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: KINGS WEIR POINT 'B' Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 447700 Northing: 210200	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 10/07/1967 Expiry Date: - Issue No: 100 Version Start Date: 10/07/1967 Version End Date: -

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

## 5.9 Source Protection Zones

<b>Records within 500m</b>	<b>0</b>
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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.*

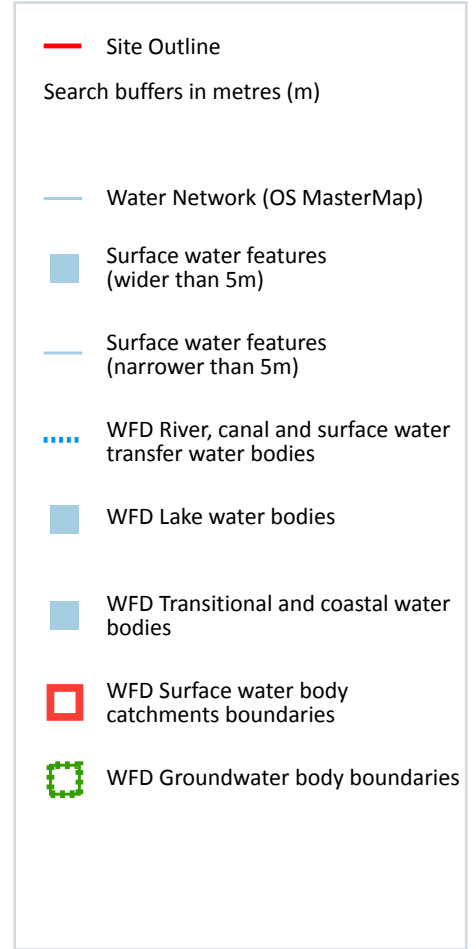
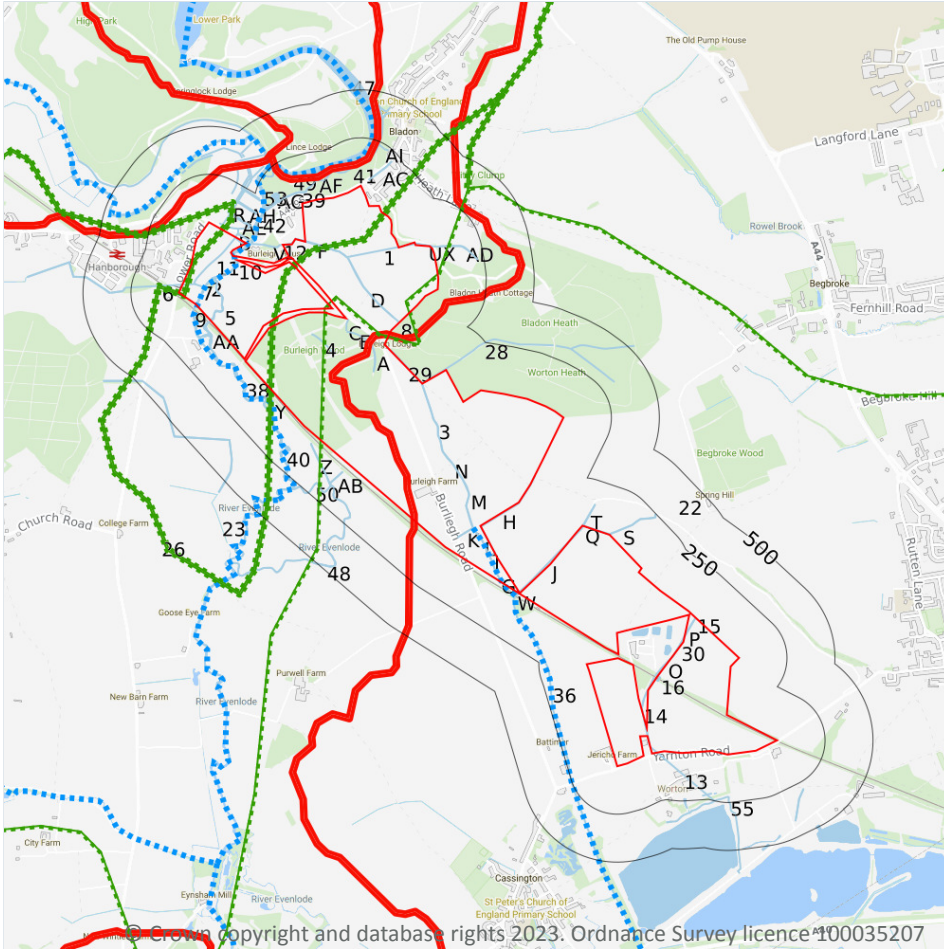
## 5.10 Source Protection Zones (confined aquifer)

<b>Records within 500m</b>	<b>0</b>
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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



### 6.1 Water Network (OS MasterMap)

Records within 250m

120

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 75 >](#)

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

ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
6	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
7	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
10	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
11	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
13	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
15	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
16	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	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)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	1m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	1m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
28	1m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
29	1m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
U	2m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
30	4m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	16m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	17m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
W	18m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	20m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	21m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	21m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
B	21m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	22m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	22m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	22m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	26m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
B	27m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	27m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
B	28m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
B	29m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	30m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	37m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	39m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
36	40m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	43m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	44m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	46m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AA	47m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
38	50m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode



ID	Location	Type of water feature	Ground level	Permanence	Name
Y	50m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AB	50m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	50m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	52m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AA	52m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
39	54m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	64m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
X	65m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	73m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
40	77m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AE	84m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	90m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	92m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
B	93m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
41	94m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
42	100m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AF	103m NW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AA	104m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AA	111m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	River Evenlode
AA	112m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AG	120m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	120m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	120m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	120m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AB	123m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	131m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
47	139m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Glyme
48	141m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AB	143m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
49	143m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Glyme
50	146m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
AH	156m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	163m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	164m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	164m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	165m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	170m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	170m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	170m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
R	171m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	186m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
53	198m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
R	211m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Evenlode
R	217m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
55	220m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	222m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AI	227m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AI	234m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	235m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	235m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	235m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	240m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
R	240m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	241m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

*This data is sourced from the Ordnance Survey.*

## 6.2 Surface water features

**Records within 250m**

**32**

Covering rivers, streams and lakes (some overlap with OS MasterMap 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 75 >](#)

*This data is sourced from the Ordnance Survey.*

## 6.3 WFD Surface water body catchments

**Records on site**

**2**

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 75 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
22	On site	River	Thames (Evenlode to Thames)	GB106039030334	Ock	Gloucestershire and the Vale
23	On site	River	Evenlode (Glyme to Thames)	GB106039029880	Evenlode	Cotswolds

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



## 6.4 WFD Surface water bodies

**Records identified**
**2**

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 75 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
24	On site	River	Thames (Evenlode to Thame)	<a href="#">GB106039030334</a> ↗	Moderate	Fail	Moderate	2019
25	On site	River	Evenlode (Glyme to Thames)	<a href="#">GB106039029880</a> ↗	Poor	Fail	Poor	2019

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

## 6.5 WFD Groundwater bodies

**Records on site**
**2**

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.

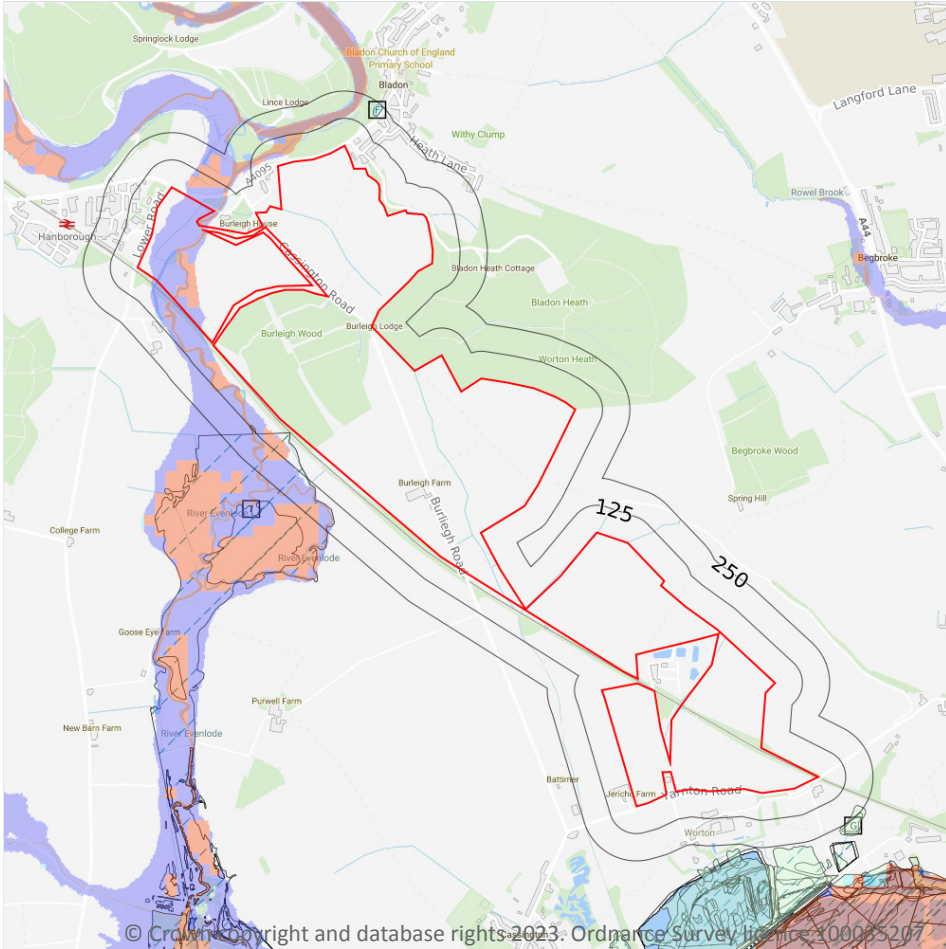
Features are displayed on the Hydrology map on [page 75 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
26	On site	Kemble Forest Marble	<a href="#">GB40602G600500</a> ↗	Poor	Poor	Good	2019
R	On site	Burford Jurassic	<a href="#">GB40601G600400</a> ↗	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

14

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 87 >](#)



Distance	Flood risk category
<b>On site</b>	<b>High</b>
0 - 50m	High

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

## 7.2 Historical Flood Events

**Records within 250m**

**4**

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.

Features are displayed on the River and coastal flooding map on [page 87 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
7	19m W	Ea06winter13-14	2013-11-23 2014-02-28	Main river	Channel capacity exceeded (no raised defences)	Fluvial
F	195m N	Bladon Cp_Fluvial Water	2007-07-19 2007-07-29	Main river	Channel capacity exceeded (no raised defences)	Fluvial
G	217m SE	Yarnton Cp_Fluvial Water	2007-07-19 2007-07-29	Main river	Channel capacity exceeded (no raised defences)	Fluvial
G	245m SE	06januarynewyear2003	2002-12-23 2003-01-12	Other	Local drainage/surface water	Fluvial

*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

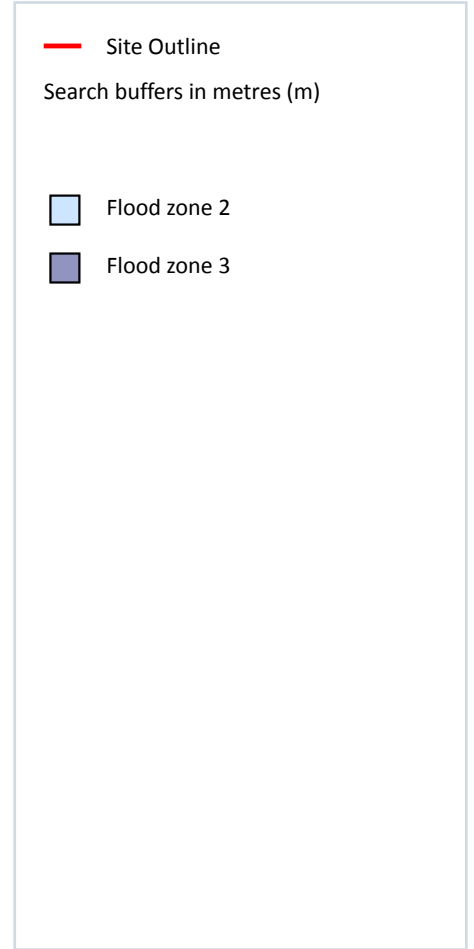
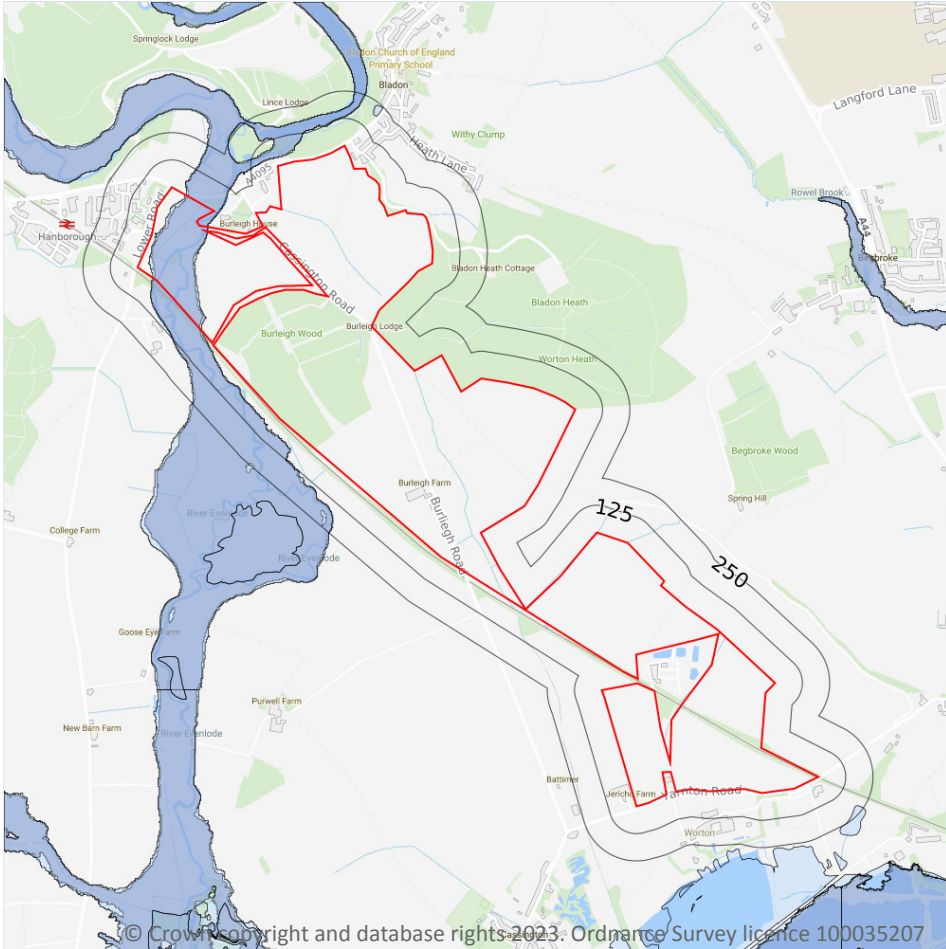
0

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



### 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 87](#) >

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.

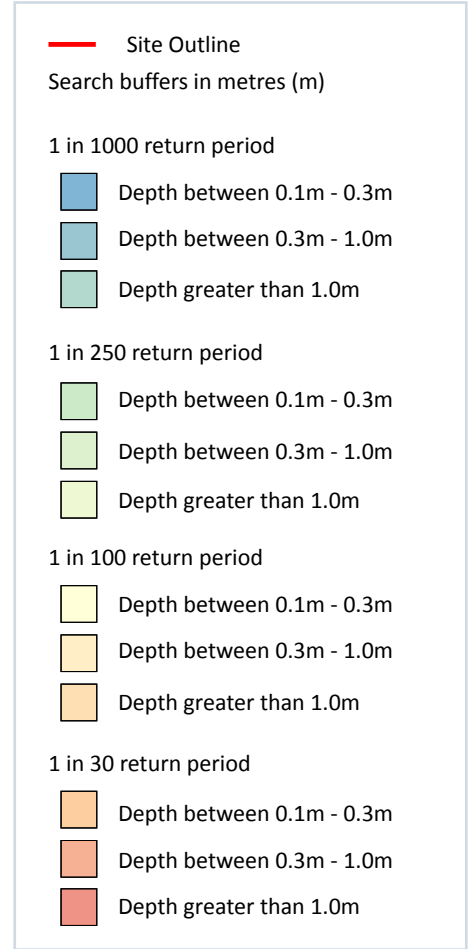
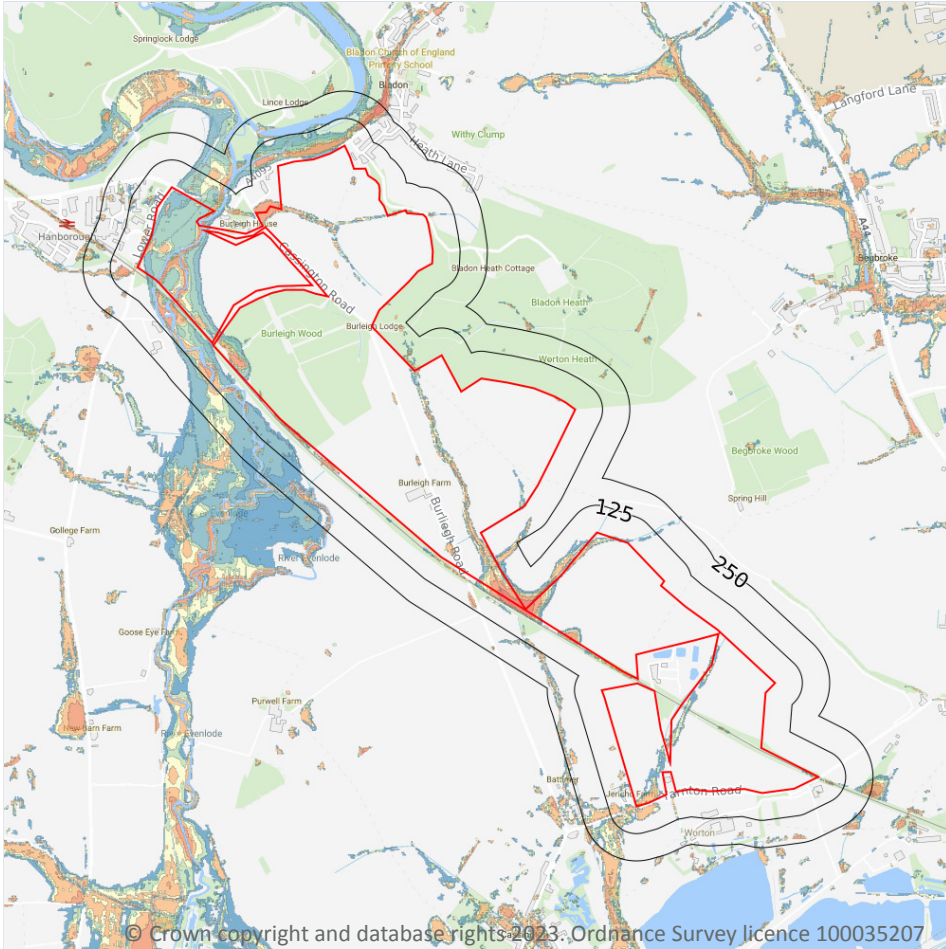
Features are displayed on the River and coastal flooding map on [page 87 >](#)

Location	Type
On site	Zone 3 - (Fluvial Models)

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



## 8 Surface water flooding



### 8.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 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 92 >](#)

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.



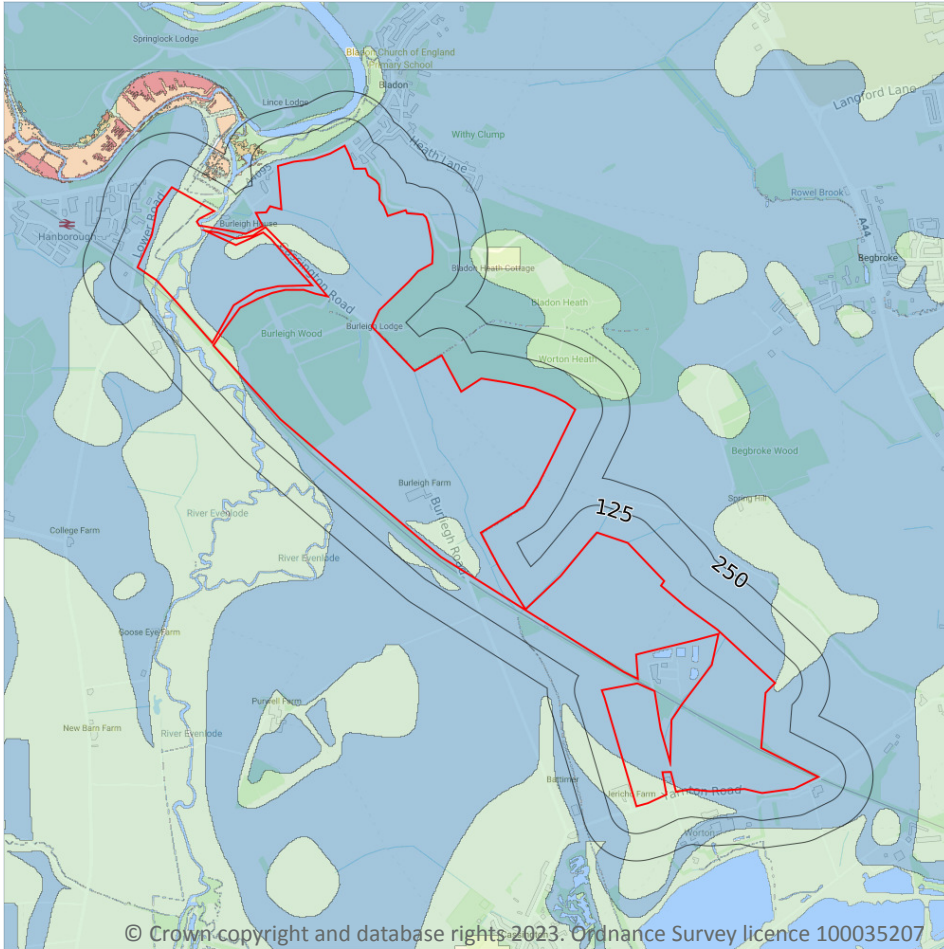
The table below shows the maximum flood depths for a range of return periods for the site.

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	Greater than 1.0m

*This data is sourced from Ambiental Risk Analytics.*



## 9 Groundwater flooding



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### 9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

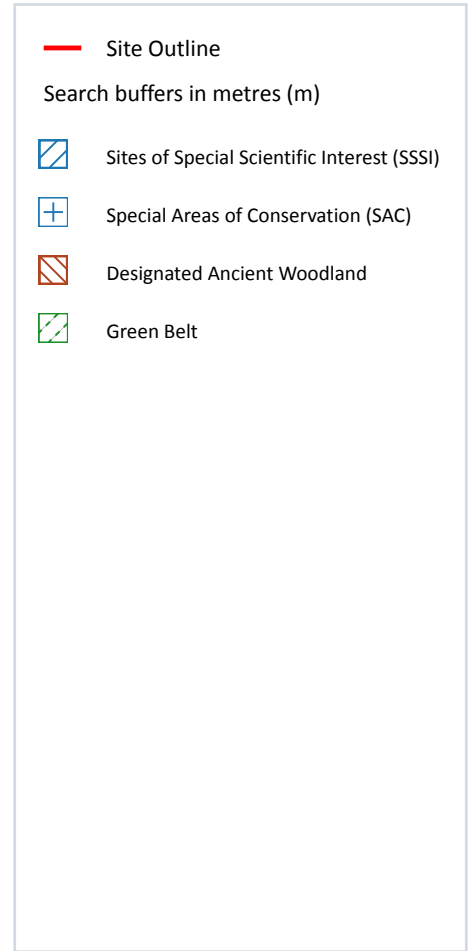
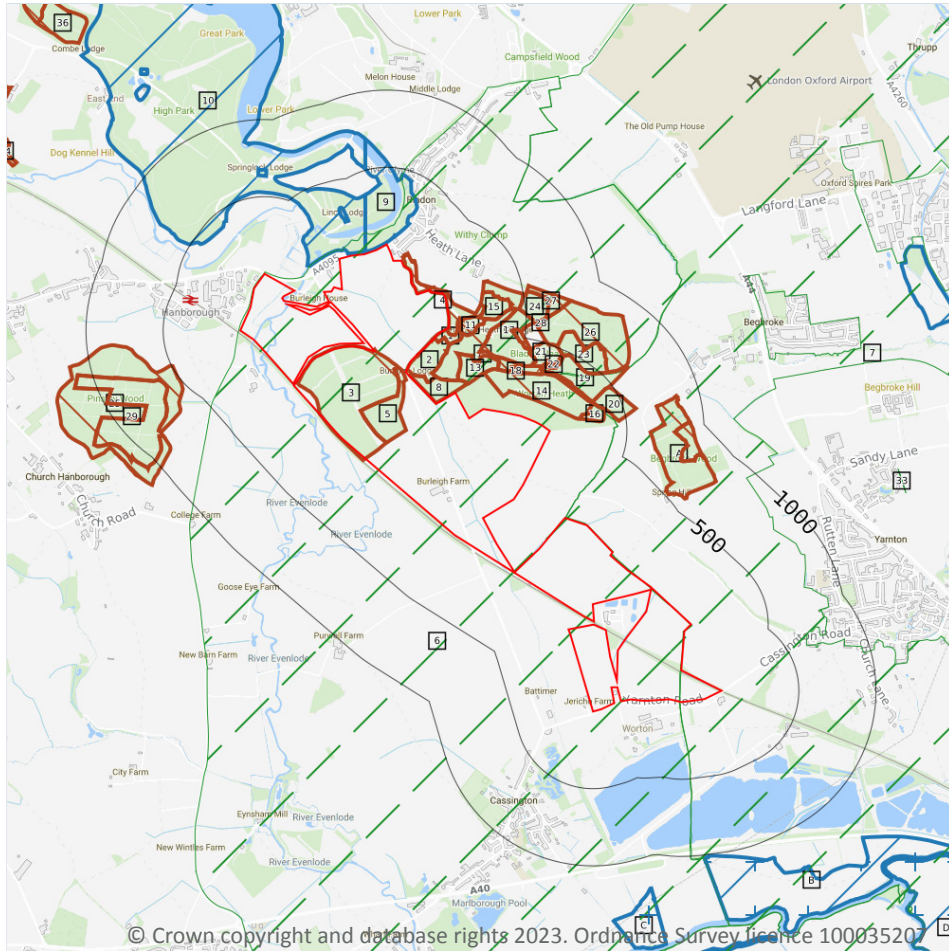
Low

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 94](#) >

*This data is sourced from Ambiental Risk Analytics.*

## 10 Environmental designations



### 10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

9

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.

Features are displayed on the Environmental designations map on [page 95 >](#)

ID	Location	Name	Data source
9	11m NW	Blenheim Park	Natural England



ID	Location	Name	Data source
10	15m NW	Blenheim Park	Natural England
B	1010m SE	Pixey and Yarnton Meads	Natural England
C	1204m SE	Cassington Meadows	Natural England
D	1552m SE	Pixey and Yarnton Meads	Natural England
31	1586m SE	Wytham Ditches and Flushes	Natural England
-	1629m W	Long Hanborough Gravel Pit	Natural England
-	1845m N	Blenheim Park	Natural England
-	1941m S	Wytham Woods	Natural England

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

3

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.

Features are displayed on the Environmental designations map on [page 95 >](#)

ID	Location	Name	Features of interest	Habitat description	Data source
B	1010m SE	Oxford Meadows	Lowland hay meadows; Creeping marshwort.	Improved grassland; Humid grassland, Mesophile grassland	Natural England
C	1204m SE	Oxford Meadows	Lowland hay meadows; Creeping marshwort.	Improved grassland; Humid grassland, Mesophile grassland	Natural England



ID	Location	Name	Features of interest	Habitat description	Data source
D	1552m SE	Oxford Meadows	Lowland hay meadows; Creeping marshwort.	Improved grassland; Humid grassland, Mesophile grassland	Natural England

*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** **30**

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 95 >](#)



ID	Location	Name	Woodland Type
1	On site	Bladon Heath	Ancient Replanted Woodland
2	On site	Bladon Heath	Ancient & Semi-Natural Woodland
3	On site	Burleigh Wood	Ancient Replanted Woodland
4	On site	Bladon Heath	Ancient & Semi-Natural Woodland
5	On site	Burleigh Wood	Ancient & Semi-Natural Woodland
8	3m N	Bladon Heath	Ancient Replanted Woodland
11	73m N	Bladon Heath	Ancient Replanted Woodland
12	80m N	Bladon Heath	Ancient & Semi-Natural Woodland
13	81m N	Bladon Heath	Ancient Replanted Woodland
14	102m NE	Worton Heath	Ancient Replanted Woodland
15	192m N	Bladon Heath	Ancient Replanted Woodland
16	210m E	Worton Heath	Ancient & Semi-Natural Woodland
17	244m N	Bladon Heath	Ancient & Semi-Natural Woodland
18	264m NE	Bladon Heath	Ancient Replanted Woodland
19	321m NE	Worton Heath?	Ancient & Semi-Natural Woodland
20	333m NE	Unknown	Ancient & Semi-Natural Woodland
21	334m NE	Bladon Heath	Ancient Replanted Woodland
22	349m NE	Worton Heath	Ancient & Semi-Natural Woodland
23	446m NE	Bladon Heath	Ancient Replanted Woodland
24	458m N	Bladon Heath	Ancient Replanted Woodland
25	495m W	Pinsley Wood	Ancient & Semi-Natural Woodland
26	498m NE	Bladon Heath	Ancient & Semi-Natural Woodland
A	520m E	Begbroke Wood	Ancient & Semi-Natural Woodland
27	527m N	Bladon Heath	Ancient & Semi-Natural Woodland
28	565m NE	Bladon Heath	Ancient Replanted Woodland
29	599m W	Pinsley Wood	Ancient Replanted Woodland
A	731m E	Begbroke Wood	Ancient Replanted Woodland
34	1741m NW	Brice's Wood	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
36	1919m NW	New Park - Blenheim Park - Little Park	Ancient Replanted Woodland
-	1977m S	Wytham Great Wood	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** **4**

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

Features are displayed on the Environmental designations map on [page 95](#) >

ID	Location	Name	Local Authority name
6	On site	Oxford	West Oxfordshire



ID	Location	Name	Local Authority name
7	On site	Oxford	Cherwell
30	1455m SE	Oxford	Vale of White Horse
33	1635m E	Oxford	Cherwell

*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

19

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	Evenlode (Glyme to Thames) NVZ	Surface Water	473	Existing
On site	Evenlode (Glyme to Thames) NVZ	Surface Water	473	Existing
On site	Glyme (Dorn confluence to Evenlode) NVZ	Surface Water	474	Existing
On site	THAMES (LEACH TO EVENLODE) NVZ	Surface Water	482	Existing
2m NW	Evenlode (Bledington to Glyme confluence) NVZ	Surface Water	475	Existing
11m NW	Cotswold Jurassic	Groundwater	83	Existing
249m NW	Evenlode (Bledington to Glyme confluence) NVZ	Surface Water	475	Existing
254m NW	Glyme (Dorn confluence to Evenlode) NVZ	Surface Water	474	Existing
254m NW	Cotswold Jurassic	Groundwater	83	Existing
255m NW	Evenlode (Glyme to Thames) NVZ	Surface Water	473	Existing
267m NW	Evenlode (Glyme to Thames) NVZ	Surface Water	473	Existing
269m NW	Evenlode (Bledington to Glyme confluence) NVZ	Surface Water	475	Existing
312m E	Cherwell (Ray to Thames) and Woodeaton Brook NVZ	Surface Water	472	Existing
389m NW	Glyme (Dorn confluence to Evenlode) NVZ	Surface Water	474	Existing
1441m N	Glyme (Dorn confluence to Evenlode) NVZ	Surface Water	474	Existing

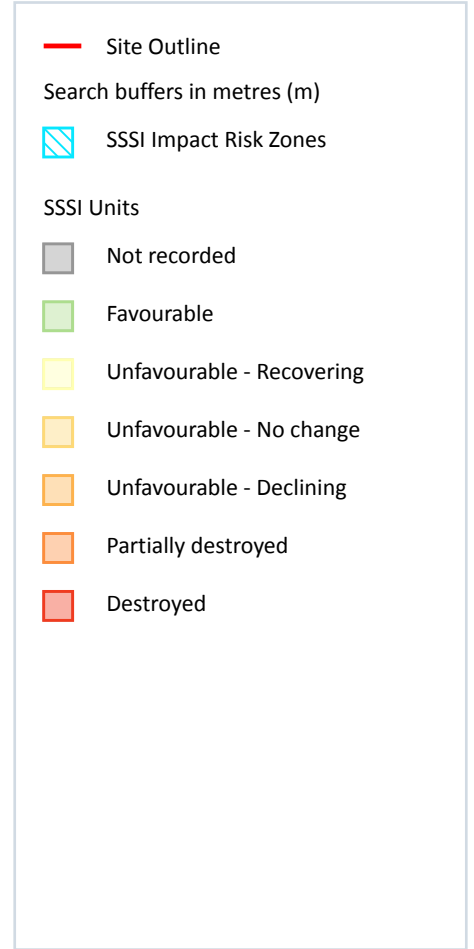
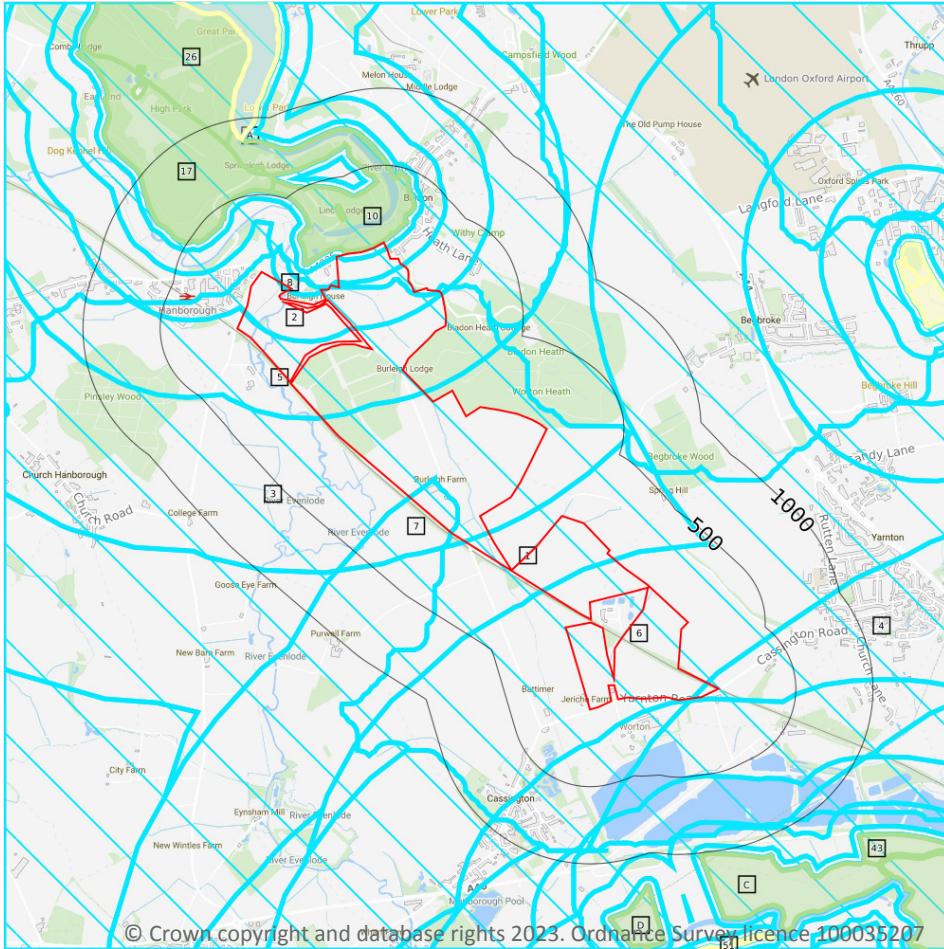


Location	Name	Type	NVZ ID	Status
1534m N	Glyme (Dorn confluence to Evenlode) NVZ	Surface Water	474	Existing
1578m N	Cotswold Jurassic	Groundwater	83	Existing
1696m N	Cherwell (Ray to Thames) and Woodeaton Brook NVZ	Surface Water	472	Existing
1848m N	Cotswold Jurassic	Groundwater	83	Existing

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



## SSSI Impact Zones and Units



### 10.17 SSSI Impact Risk Zones

Records on site

11

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 103](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p><b>Infrastructure - Airports, helipads and other aviation proposals.</b></p> <p><b>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</b></p> <p><b>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 750m<sup>2</sup>, manure stores &gt; 3500t)</b></p> <p><b>Combustion - General combustion processes &gt;50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</b></p> <p><b>Discharges - Any discharge of water or liquid waste of more than 20m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream</b></p>
2	On site	<p><b>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</b></p> <p><b>Wind and Solar - Solar schemes with footprint &gt; 0.5ha, all wind turbines</b></p> <p><b>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</b></p> <p><b>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or footprint exceeds 0.2ha</b></p> <p><b>Residential - Residential development of 100 units or more.</b></p> <p><b>Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas.</b></p> <p><b>Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock &amp; poultry units, slurry lagoons &amp; digestate stores, manure stores).</b></p> <p><b>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</b></p> <p><b>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management</b></p> <p><b>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</b></p> <p><b>Discharges - Any discharge of water or liquid waste of more than 20m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream</b></p> <p><b>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or any development needing its own water supply</b></p>

ID	Location	Type of developments requiring consultation
3	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 200m<sup>2</sup>, manure stores &gt; 250t).</p> <p>Combustion - General combustion processes &gt;20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream</p> <p>Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m<sup>2</sup> or more.</p>
4	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 200m<sup>2</sup>, manure stores &gt; 250t).</p> <p>Combustion - General combustion processes &gt;20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management</p> <p>Discharges - Any discharge of water or liquid waste of more than 5m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m<sup>2</sup> or more.</p>

ID	Location	Type of developments requiring consultation
5	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 200m<sup>2</sup>, manure stores &gt; 250t).</p> <p>Combustion - General combustion processes &gt;20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or any development needing its own water supply</p>
6	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 200m<sup>2</sup>, manure stores &gt; 250t).</p> <p>Combustion - General combustion processes &gt;20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream</p> <p>Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m<sup>2</sup> or more.</p>



ID	Location	Type of developments requiring consultation
7	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 200m<sup>2</sup>, manure stores &gt; 250t).</p> <p>Combustion - General combustion processes &gt;20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management</p> <p>Discharges - Any discharge of water or liquid waste of more than 5m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m<sup>2</sup> or more.</p>
8	On site	<p>All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures</p> <p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint &gt; 0.5ha, all wind turbines</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or footprint exceeds 0.2ha</p> <p>Residential - Residential development of 10 units or more.</p> <p>Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units</p> <p>Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock &amp; poultry units, slurry lagoons &amp; digestate stores, manure stores).</p> <p>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management</p> <p>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or any development needing its own water supply</p>
A	On site	All applications - ALL PLANNING APPLICATIONS - EXCEPT HOUSEHOLDER APPLICATIONS.



ID	Location	Type of developments requiring consultation
A	On site	<p><b>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</b></p> <p><b>Wind and Solar - Solar schemes with footprint &gt; 0.5ha, all wind turbines</b></p> <p><b>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</b></p> <p><b>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or footprint exceeds 0.2ha</b></p> <p><b>Residential - Residential development of 100 units or more.</b></p> <p><b>Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas.</b></p> <p><b>Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock &amp; poultry units, slurry lagoons &amp; digestate stores, manure stores).</b></p> <p><b>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</b></p> <p><b>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management</b></p> <p><b>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</b></p> <p><b>Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream.</b></p> <p><b>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or any development needing its own water supply</b></p>



ID	Location	Type of developments requiring consultation
A	On site	<p>All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures</p> <p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint &gt; 0.5ha, all wind turbines</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or footprint exceeds 0.2ha</p> <p>Residential - Residential development of 10 units or more.</p> <p>Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units</p> <p>Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock &amp; poultry units, slurry lagoons &amp; digestate stores, manure stores).</p> <p>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management</p> <p>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is &gt; 1,000m<sup>2</sup> or any development needing its own water supply</p>

*This data is sourced from Natural England.*

## 10.18 SSSI Units

Records within 2000m

14

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.

Features are displayed on the SSSI Impact Zones and Units map on [page 103](#) >

ID:	10
Location:	11m NW
SSSI name:	Blenheim Park
Unit name:	3
Broad habitat:	Broadleaved, Mixed And Yew Woodland - Lowland
Condition:	Favourable



## Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage A211 heartwood decay	Favourable	17/06/2020
Invert. assemblage A212 bark and sapwood decay	Favourable	17/06/2020
Invert. assemblage A213 fungal fruiting body	Favourable	17/06/2020

ID: 17  
Location: 405m NW  
SSSI name: Blenheim Park  
Unit name: 2  
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland  
Condition: Favourable  
Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage A211 heartwood decay	Favourable	17/06/2020
Invert. assemblage A212 bark and sapwood decay	Favourable	17/06/2020
Invert. assemblage A213 fungal fruiting body	Favourable	17/06/2020

ID: 26  
Location: 853m NW  
SSSI name: Blenheim Park  
Unit name: 1  
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland  
Condition: Favourable  
Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage A211 heartwood decay	Favourable	17/06/2020
Invert. assemblage A212 bark and sapwood decay	Favourable	17/06/2020
Invert. assemblage A213 fungal fruiting body	Favourable	17/06/2020



ID: 28  
 Location: 873m NW  
 SSSI name: Blenheim Park  
 Unit name: 4  
 Broad habitat: Standing Open Water And Canals  
 Condition: Unfavourable - Recovering  
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Great crested grebe, Podiceps cristatus	Favourable	10/11/2011
Aggregations of non-breeding birds - Gadwall, Mareca strepera	Favourable	24/03/2022
Mesotrophic lakes	Unfavourable - Recovering	24/03/2022

ID: C  
 Location: 1010m SE  
 SSSI name: Pixey and Yarnton Meads  
 Unit name: West Mead  
 Broad habitat: Neutral Grassland - Lowland  
 Condition: Favourable  
 Reportable features:

Feature name	Feature condition	Date of assessment
H6510 Lowland hay meadows (A. pratensis, S. officinalis)	Favourable	22/07/2020
Lowland neutral grassland (MG4)	Favourable	22/07/2020

ID: D  
 Location: 1204m SE  
 SSSI name: Cassington Meadows  
 Unit name: 1  
 Broad habitat: Neutral Grassland - Lowland  
 Condition: Favourable  
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Favourable	26/11/2021
H6510 Lowland hay meadows (A. pratensis, S. officinalis)	Favourable	09/12/2021
Lowland neutral grassland (MG4)	Favourable	26/11/2021

ID: 43  
 Location: 1319m SE  
 SSSI name: Pixey and Yarnton Meads  
 Unit name: Oxey Mead  
 Broad habitat: Neutral Grassland - Lowland  
 Condition: Favourable  
 Reportable features:

Feature name	Feature condition	Date of assessment
H6510 Lowland hay meadows (A. pratensis, S. officinalis)	Favourable	20/08/2020
Lowland neutral grassland (MG4)	Favourable	20/08/2020

ID: 47  
 Location: 1552m SE  
 SSSI name: Pixey and Yarnton Meads  
 Unit name: Pixey Mead  
 Broad habitat: Neutral Grassland - Lowland  
 Condition: Favourable  
 Reportable features:

Feature name	Feature condition	Date of assessment
H6510 Lowland hay meadows (A. pratensis, S. officinalis)	Favourable	04/02/2020
Lowland neutral grassland (MG4)	Favourable	04/02/2020

ID: 51  
 Location: 1586m SE  
 SSSI name: Wytham Ditches and Flushes  
 Unit name: ~2km Of Ditches  
 Broad habitat: Standing Open Water And Canals  
 Condition: Unfavourable - Recovering  
 Reportable features:

Feature name	Feature condition	Date of assessment
Ditches	Unfavourable - Recovering	05/08/2014
Nationally scarce plant - Sium latifolium, Greater Water-parsnip	Unfavourable - Recovering	05/07/2023

ID: -  
 Location: 1629m W  
 SSSI name: Long Hanborough Gravel Pit  
 Unit name: South  
 Broad habitat: Earth Heritage  
 Condition: Unfavourable - Declining  
 Reportable features:

Feature name	Feature condition	Date of assessment
ED - Quaternary of the Thames	Unfavourable - Declining	12/12/2012

ID: -  
 Location: 1694m W  
 SSSI name: Long Hanborough Gravel Pit  
 Unit name: North  
 Broad habitat: Earth Heritage  
 Condition: Unfavourable - Declining  
 Reportable features:

Feature name	Feature condition	Date of assessment
ED - Quaternary of the Thames	Unfavourable - Declining	11/12/2012

ID: -  
 Location: 1714m SE  
 SSSI name: Wytham Ditches and Flushes  
 Unit name: Fen  
 Broad habitat: Fen, Marsh And Swamp - Lowland  
 Condition: Unfavourable - Recovering  
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland fens, including basin, flood-plain, open water transition and valley fens	Unfavourable - Recovering	05/08/2014

ID: -  
 Location: 1845m N  
 SSSI name: Blenheim Park  
 Unit name: 4  
 Broad habitat: Standing Open Water And Canals  
 Condition: Unfavourable - Recovering  
 Reportable features:



Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Great crested grebe, Podiceps cristatus	Favourable	10/11/2011
Aggregations of non-breeding birds - Gadwall, Mareca strepera	Favourable	24/03/2022
Mesotrophic lakes	Unfavourable - Recovering	24/03/2022

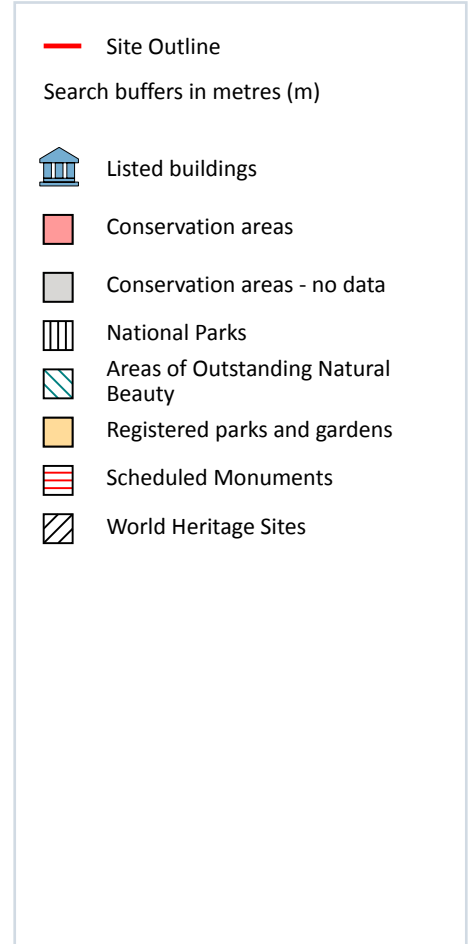
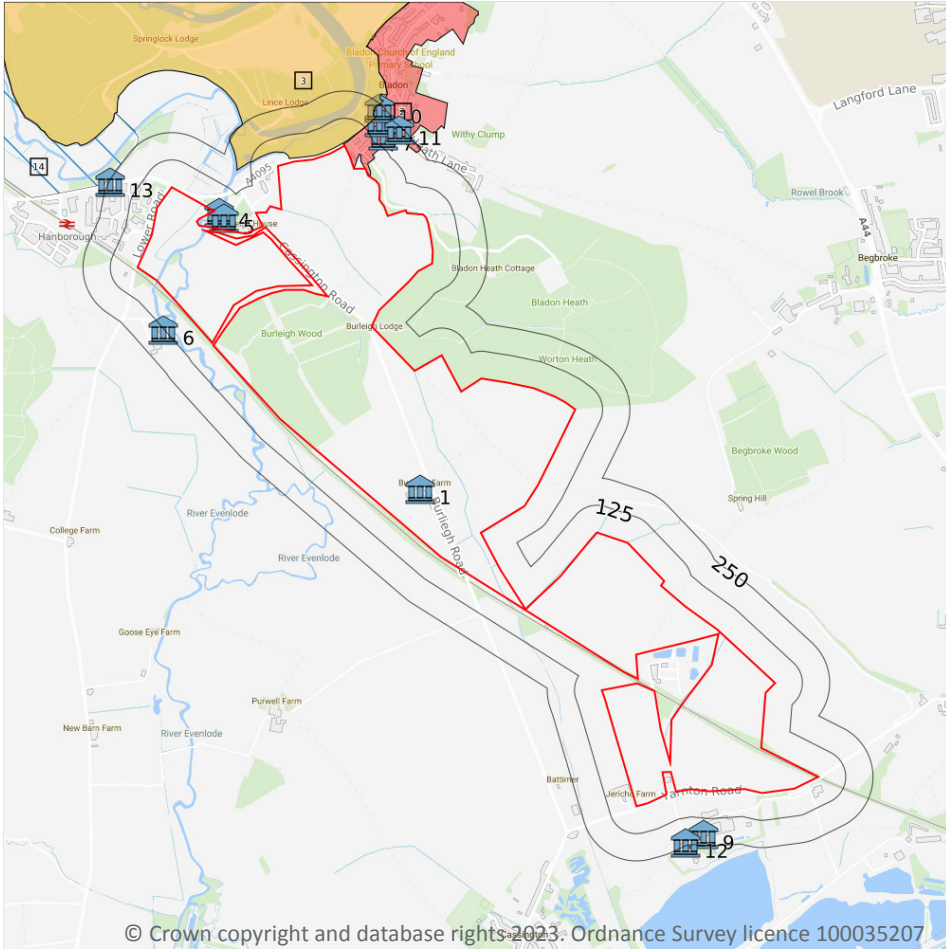
ID: -  
Location: 1941m S  
SSSI name: Wytham Woods  
Unit name: Wytham Great Wood  
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland  
Condition: Unfavourable - Recovering  
Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	17/05/2012

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



## 11 Visual and cultural designations



### 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 115 >](#)

ID	Location	NAME	Data Source
14	244m NW	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

11

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.

Features are displayed on the Visual and cultural designations map on [page 115 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	On site	Burleigh Farmhouse And Attached Barn And Stable Range	II	1198551	29/06/1988
4	25m NW	Hanborough Bridge And Flanking Walls	II	1367945	12/09/1955





ID	Location	Name	Grade	Reference Number	Listed date
5	51m NW	Folly Bridge	II	1053024	29/06/1988
6	127m NW	Mill Farmhouse And Attached Millbuilding	II	1283600	29/06/1988
7	170m N	Manor Farmhouse	II	1053030	29/06/1988
8	193m N	Cobblers Cottage	II	1198513	29/06/1988
9	198m SE	Rectory Farmhouse	II	1367912	29/06/1988
10	233m N	Moyallon	II	1053035	29/06/1988
11	233m N	2 And 4, Heath Lane	II	1053029	29/06/1988
12	239m SE	The Old Rectory And Attached Outbuilding	II	1283794	29/06/1988
13	244m NW	Hanborough Lodge And Hanborough Lodge Cottage	II	1283608	29/06/1988

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

## 11.5 Conservation Areas

### Records within 250m

**1**

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.

Features are displayed on the Visual and cultural designations map on [page 115 >](#)

ID	Location	Name	District	Date of designation
2	On site	Bladon	West Oxfordshire	08/08/1990

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

## 11.6 Scheduled Ancient Monuments

### Records within 250m

**0**

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.



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

## 11.7 Registered Parks and Gardens

Records within 250m

1

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.

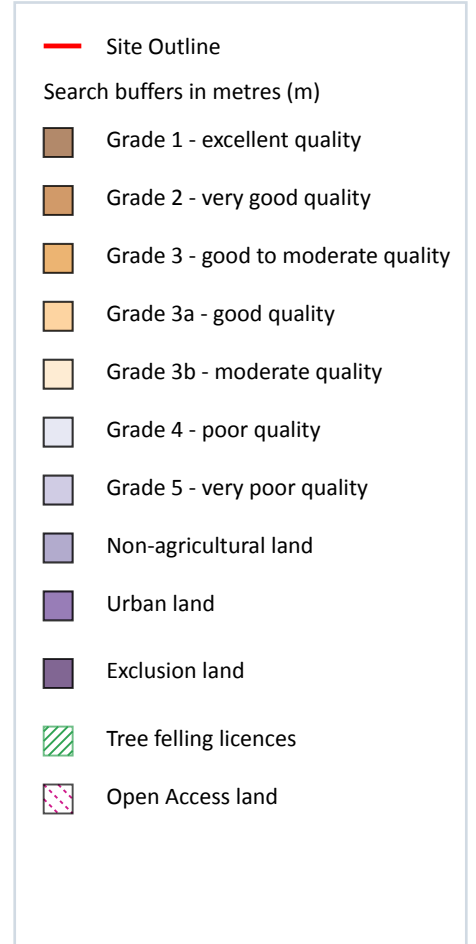
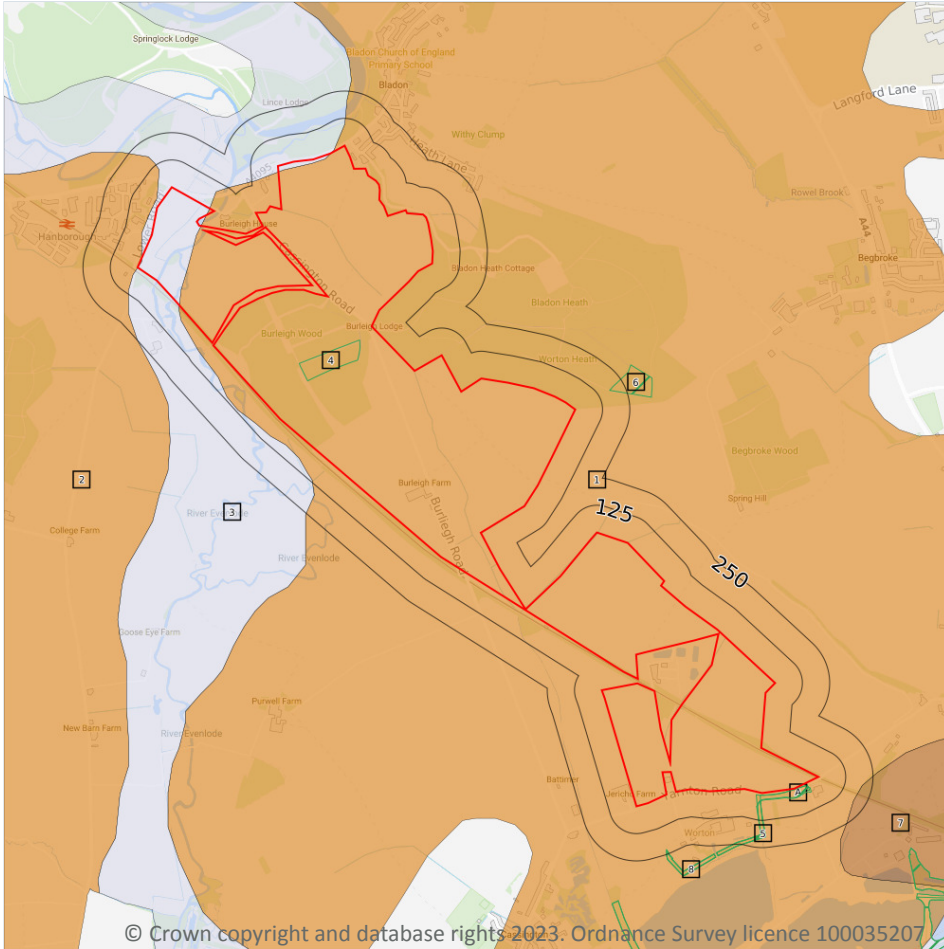
Features are displayed on the Visual and cultural designations map on [page 115 >](#)

ID	Location	Name	Grade
3	13m NW	Blenheim Palace	I

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



## 12 Agricultural designations



### 12.1 Agricultural Land Classification

Records within 250m

4

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 119](#) >

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	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.
3	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
7	194m SE	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.

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

6

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 119 >](#)

ID	Location	Description	Reference	Application date
4	On site	Clear Fell (Conditional)	019/84/18-19	-
A	4m SE	Selective Fell/Thin (Unconditional)	019/452/12-13	07/02/2013
A	4m SE	Selective Fell/Thin (Unconditional)	019/458/17-18	-



ID	Location	Description	Reference	Application date
5	38m SE	Selective Fell/Thin (Unconditional)	019/113/02-03	27/10/2003
6	181m E	Selective Fell/Thin (Conditional)	019/84/18-19	-
8	233m SE	Selective Fell/Thin (Unconditional)	019/113/02-03	27/10/2003

*This data is sourced from the Forestry Commission.*

## 12.4 Environmental Stewardship Schemes

**Records within 250m**

**14**

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
<b>On site</b>	<b>AG00358666</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/03/2012</b>	<b>28/02/2023</b>
<b>On site</b>	<b>AG00358666</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/03/2012</b>	<b>28/02/2023</b>
<b>On site</b>	<b>AG00358666</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/03/2012</b>	<b>28/02/2023</b>
<b>On site</b>	<b>AG00608332</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/09/2014</b>	<b>31/08/2024</b>
<b>On site</b>	<b>AG00608332</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/09/2014</b>	<b>31/08/2024</b>
<b>On site</b>	<b>AG00608332</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/09/2014</b>	<b>31/08/2024</b>
<b>On site</b>	<b>AG00713123</b>	<b>Entry Level Stewardship</b>	<b>01/11/2013</b>	<b>31/10/2018</b>
<b>On site</b>	<b>AG00358666</b>	<b>Entry Level plus Higher Level Stewardship</b>	<b>01/03/2012</b>	<b>28/02/2023</b>
9m SE	AG00264709	Organic Entry Level plus Higher Level Stewardship	01/05/2008	30/04/2018
10m NW	AG00358666	Entry Level plus Higher Level Stewardship	01/03/2012	28/02/2023
12m NW	AG00358666	Entry Level plus Higher Level Stewardship	01/03/2012	28/02/2023
13m NW	AG00358666	Entry Level plus Higher Level Stewardship	01/03/2012	28/02/2023
60m W	AG00358666	Entry Level plus Higher Level Stewardship	01/03/2012	28/02/2023
161m N	AG00358666	Entry Level plus Higher Level Stewardship	01/03/2012	28/02/2023

*This data is sourced from Natural England.*



## 12.5 Countryside Stewardship Schemes

<b>Records within 250m</b>	<b>12</b>
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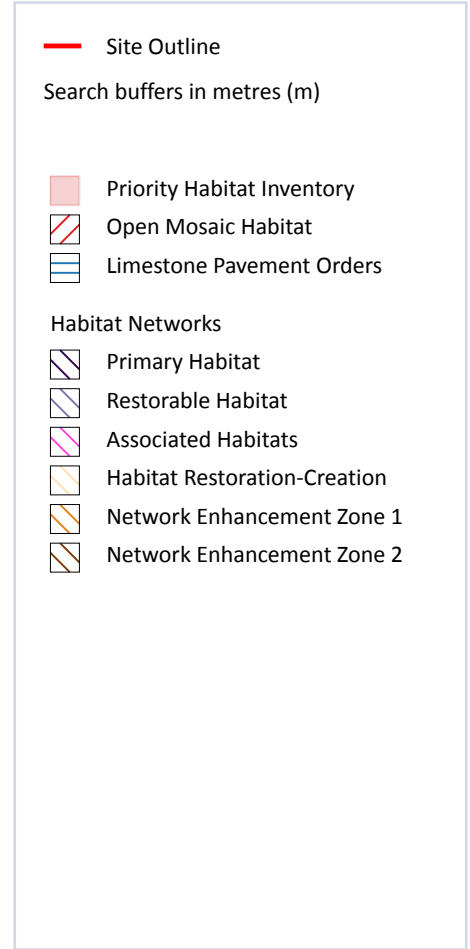
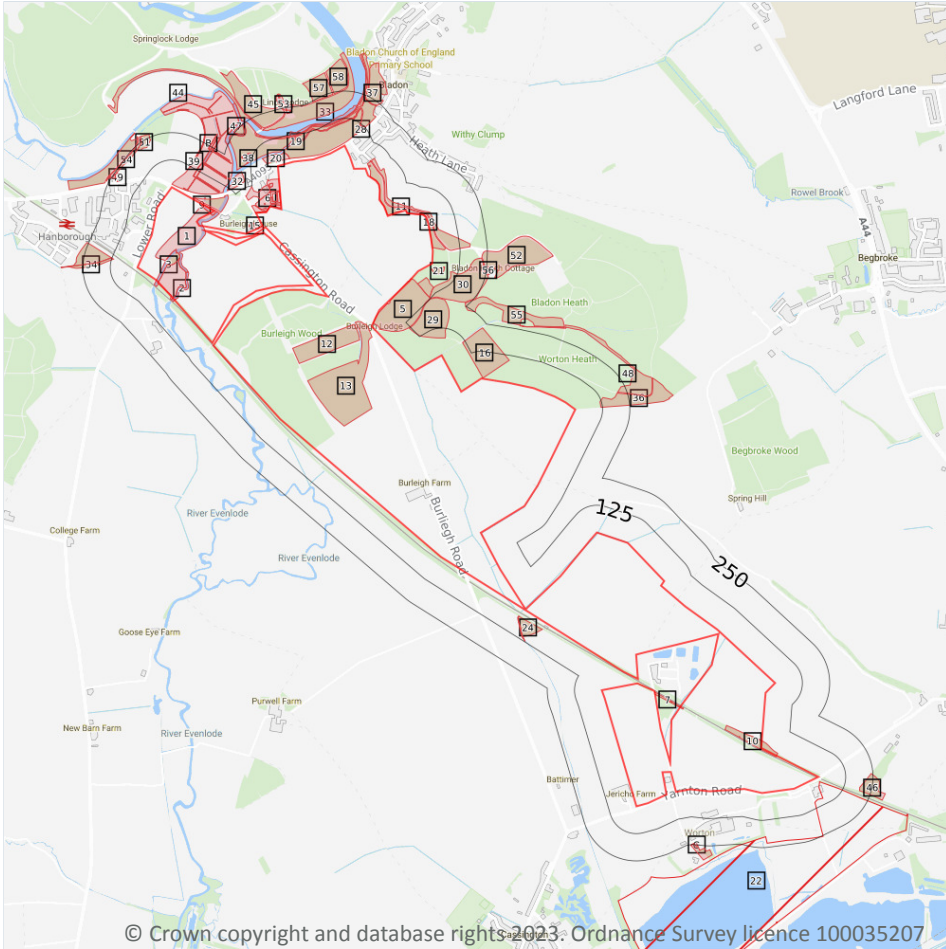
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	325436	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
On site	325436	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
On site	325436	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
On site	325436	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
On site	474798	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	474798	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	1029566	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
On site	1029566	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
16m N	325436	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
34m W	325436	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
66m NW	474798	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
131m W	474798	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022

*This data is sourced from Natural England.*



## 13 Habitat designations



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### 13.1 Priority Habitat Inventory

Records within 250m

66

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 123 >](#)

ID	Location	Main Habitat	Other habitats
1	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
2	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
3	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
4	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
A	1m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); Additional: TORCH (INV 50%)
A	1m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); Additional: TORCH (INV 50%)
A	1m NW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
15	2m NW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
16	2m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	8m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	9m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
19	11m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	13m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
20	19m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	22m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	30m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	34m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
25	36m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	40m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
27	46m NW	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
28	72m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)





ID	Location	Main Habitat	Other habitats
29	80m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
30	93m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
31	100m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
32	111m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
33	114m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
34	116m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
35	117m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
36	118m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
37	118m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
38	118m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
39	123m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
40	128m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
41	161m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
42	161m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%, FEP + HLS)
43	172m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
44	186m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%, FEP + HLS)
45	186m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%, FEP + HLS)
46	196m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
47	208m NW	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
48	210m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
49	212m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
50	215m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
51	216m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
52	226m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
53	226m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%, FEP + HLS)
54	230m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	235m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
55	236m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
56	238m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	239m SE	Traditional orchard	Main habitat: TORCH (INV > 50%)
57	239m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%, FEP + HLS)
58	242m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%, FEP + HLS)
59	245m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	245m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
60	246m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset

*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**

**1**

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.

Features are displayed on the Habitat designations map on [page 123 >](#)

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
22	22m SE	BRITPITS ref: 3650	Low	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography	-

*This data is sourced from Natural England.*



## 13.4 Limestone Pavement Orders

Records within 250m

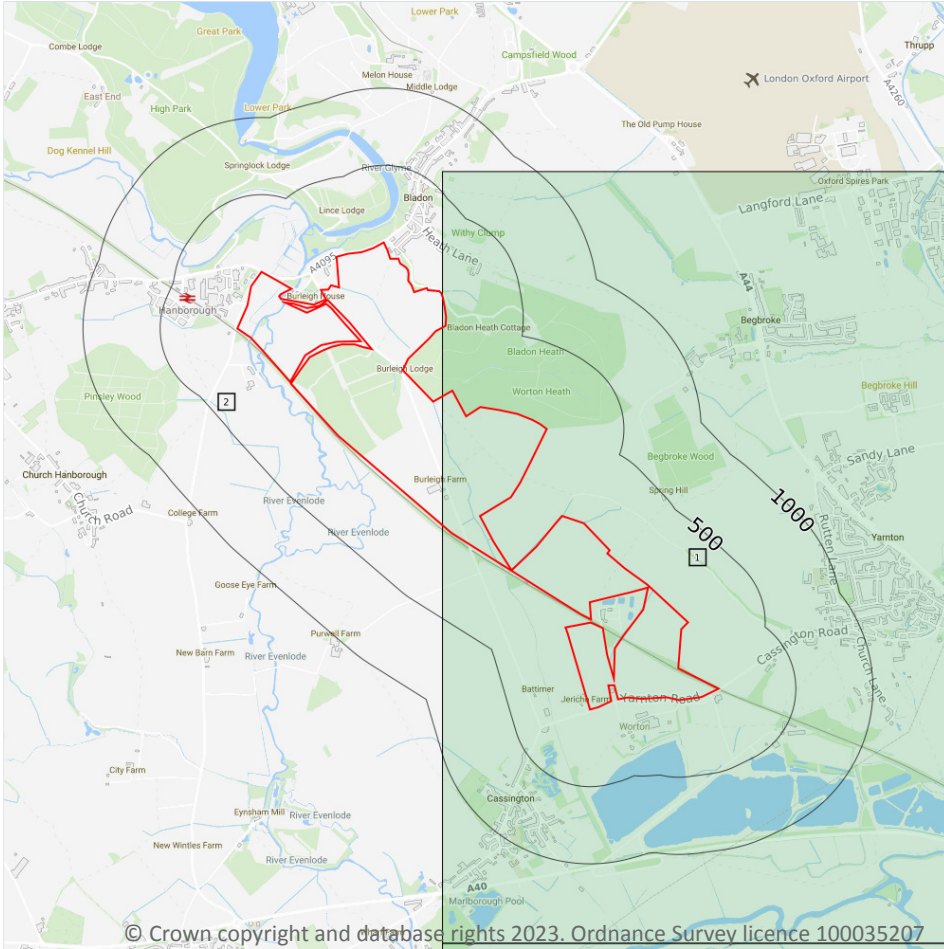
0

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

2

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.

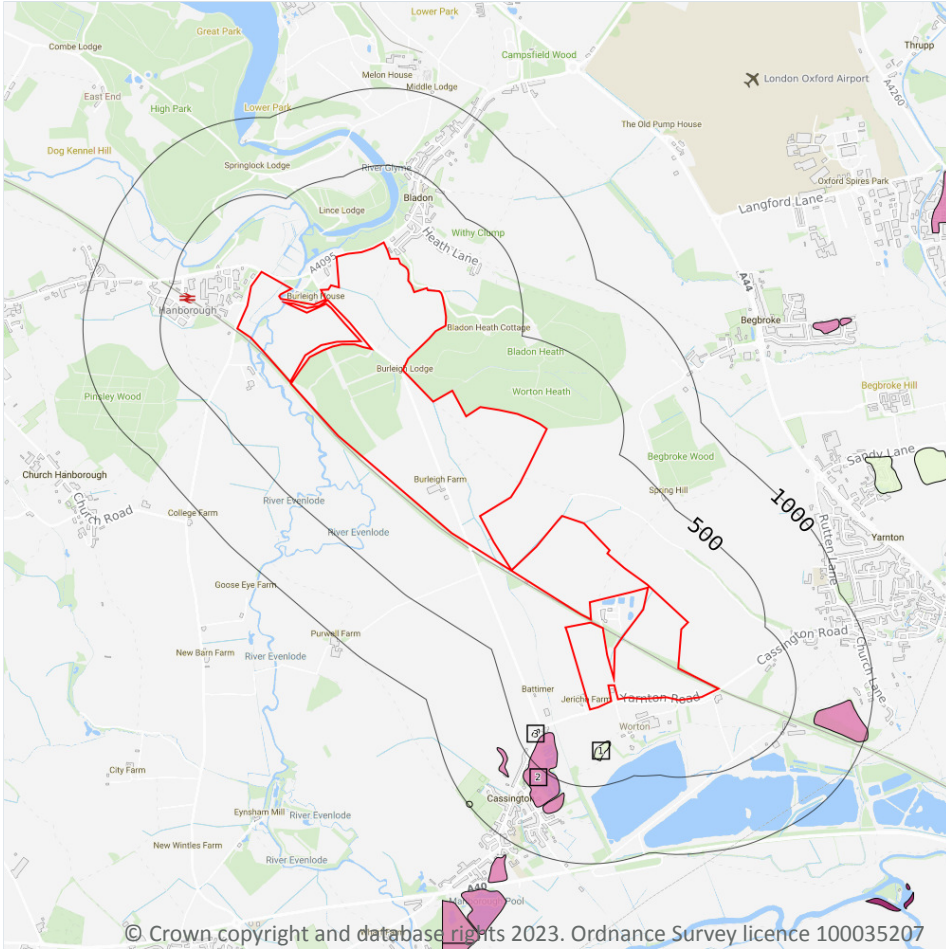
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 128](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SP41SE
2	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



- Site Outline
- Search buffers in metres (m)
- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

### 14.2 Artificial and made ground (10k)

Records within 500m

3

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.

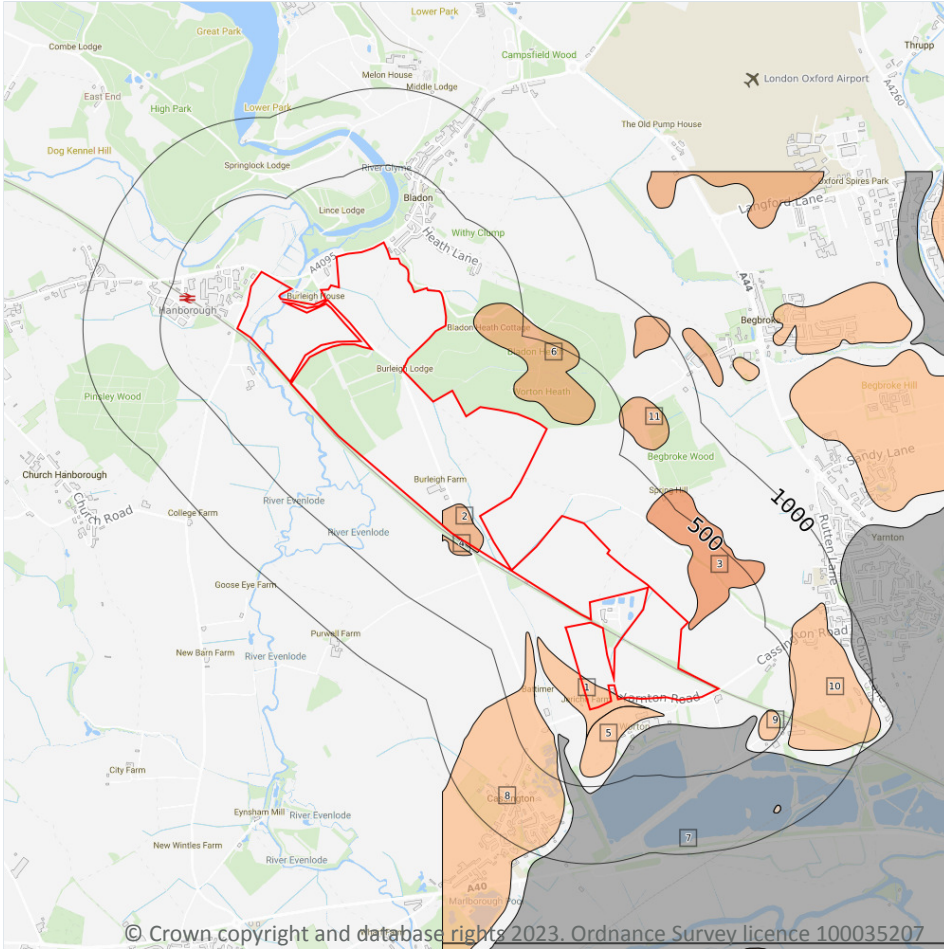
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 129 >](#)

ID	Location	LEX Code	Description	Rock description
1	227m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
2	287m S	WGR-VOID	Worked Ground (Undivided)	Void
3	355m S	WMGR-ARTDP	Infilled Ground	Artificial Deposit

*This data is sourced from the British Geological Survey.*



## Geology 1:10,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (10k)
- Superficial geology (10k)  
Please see table for more details.

### 14.3 Superficial geology (10k)

Records within 500m

11

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.

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 130 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	SURAL-XSV	Summertown-radley Sand And Gravel Member, Lower Facet - Sand And Gravel	Sand And Gravel
2	On site	WV-XSV	Wolvercote Sand And Gravel Member - Sand And Gravel	Sand And Gravel
3	10m SE	HAN-XSV	Hanborough Gravel Member - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
4	41m S	WV-XSV	Wolvercote Sand And Gravel Member - Sand And Gravel	Sand And Gravel
5	54m SE	SURAU-XSV	Summertown-radley Sand And Gravel Member, Upper Facet - Sand And Gravel	Sand And Gravel
6	79m E	NDR-XSV	Northern Drift Formation - Sand And Gravel	Sand And Gravel
7	158m SE	ALV-CZ	Alluvium - Silty Clay	Clay, Silty
8	237m S	SURA-XSV	Summertown-radley Sand And Gravel Member - Sand And Gravel	Sand And Gravel
9	336m SE	SURA-XSV	Summertown-radley Sand And Gravel Member - Sand And Gravel	Sand And Gravel
10	464m SE	SURA-XSV	Summertown-radley Sand And Gravel Member - Sand And Gravel	Sand And Gravel
11	476m E	NDR-XSV	Northern Drift Formation - Sand And Gravel	Sand And Gravel

*This data is sourced from the British Geological Survey.*

## 14.4 Landslip (10k)

**Records within 500m**

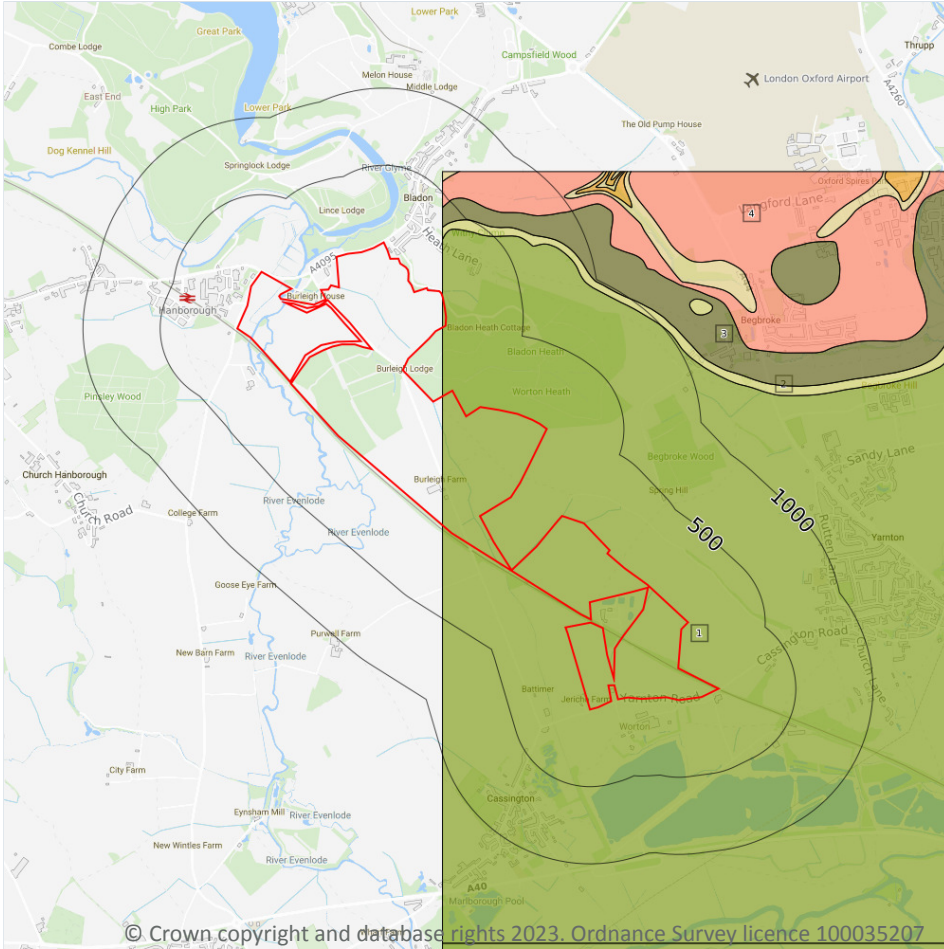
**0**

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

4

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.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 132 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	OXWW-MDST	Oxford Clay Formation And West Walton Formation (undifferentiated) - Mudstone	Oxfordian Age - Callovian Age
2	299m N	KLS-SDST	Kellaways Sand Member - Sandstone	Callovian Age
3	350m N	KLC-MDST	Kellaways Clay Member - Mudstone	Callovian Age



ID	Location	LEX Code	Description	Rock age
4	438m N	CB-LMST	Cornbrash Formation - Limestone	Callovian Age - Bathonian Age

*This data is sourced from the British Geological Survey.*

## 14.6 Bedrock faults and other linear features (10k)

Records within 500m

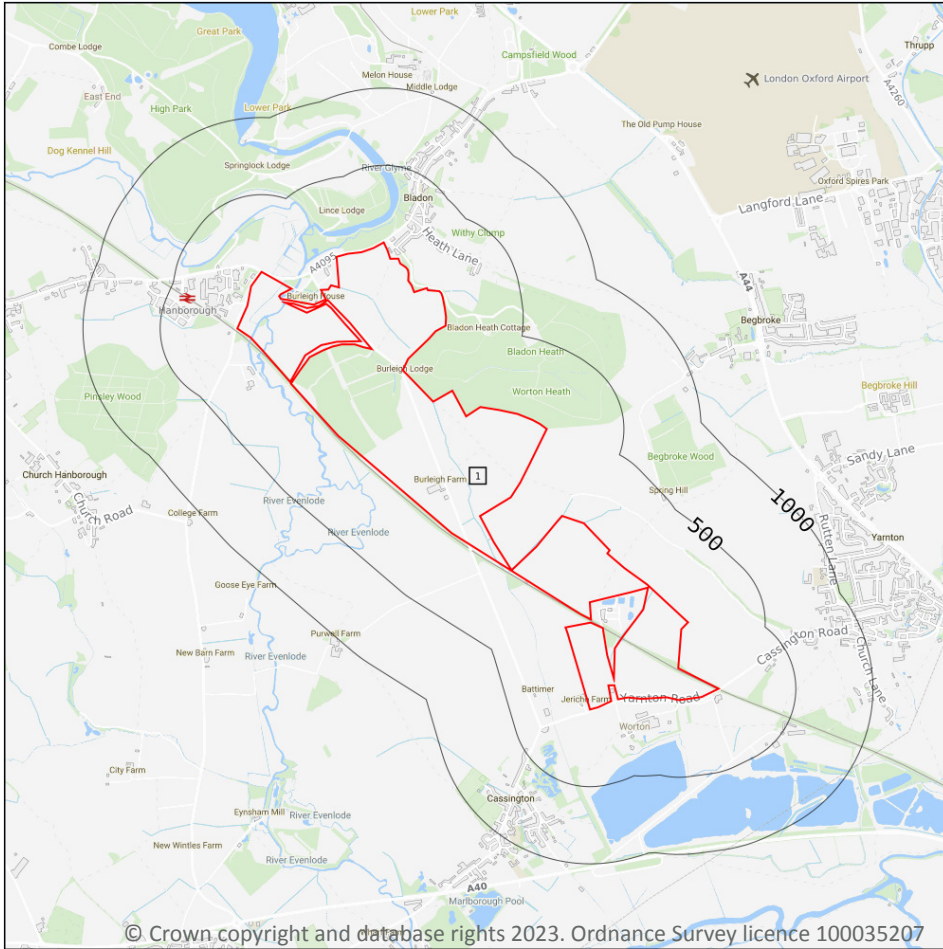
0

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.

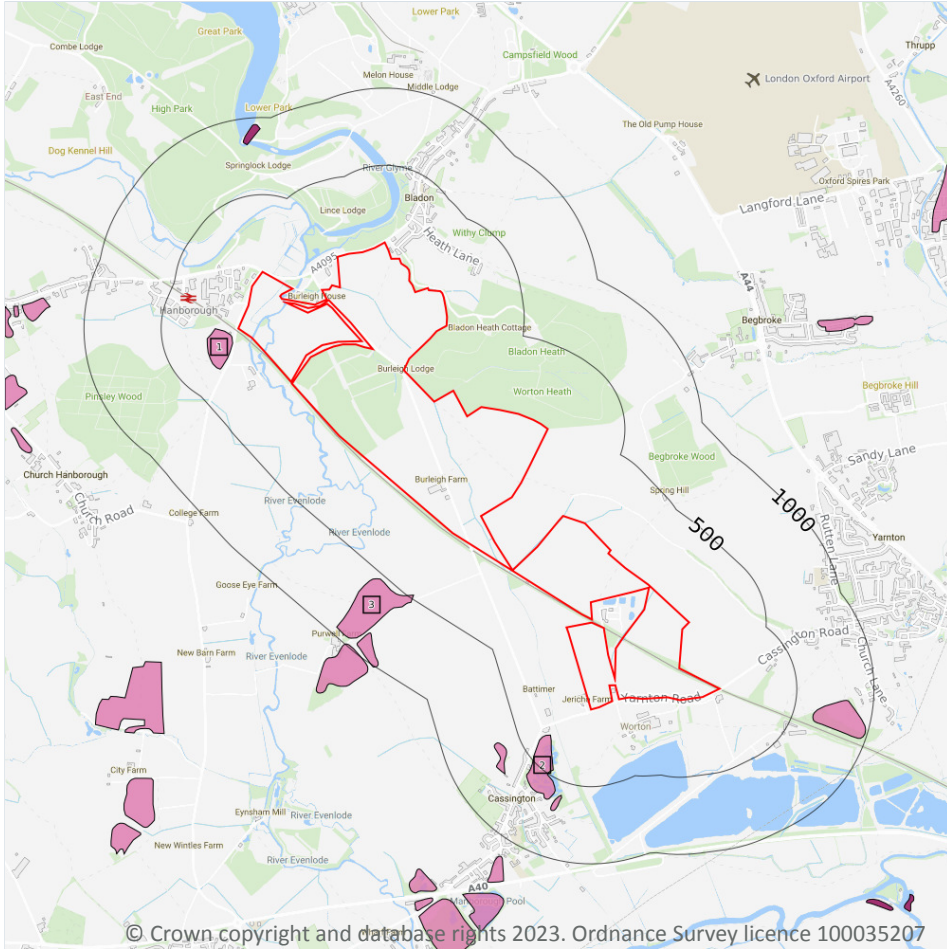
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 134](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW236_witney_v4

This data is sourced from the British Geological Survey.



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



**— Site Outline**

Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

### 15.2 Artificial and made ground (50k)

Records within 500m

3

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.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 135 >](#)

ID	Location	LEX Code	Description	Rock description
1	66m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
2	311m S	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	475m S	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

*This data is sourced from the British Geological Survey.*



### 15.3 Artificial ground permeability (50k)

Records within 50m

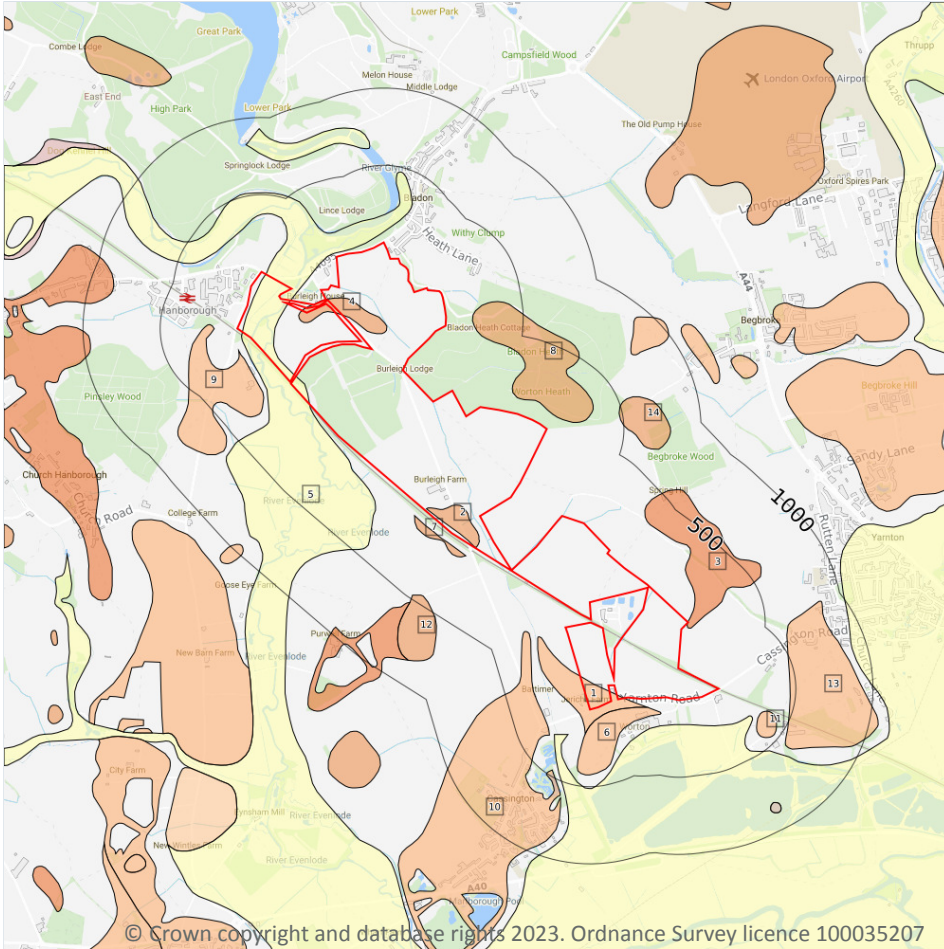
0

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

14

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 137](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	SURAL-XSV	SUMMERTOWN-RADLEY SAND AND GRAVEL MEMBER, LOWER FACET	SAND AND GRAVEL
2	On site	WV-XSV	WOLVERCOTE SAND AND GRAVEL MEMBER	SAND AND GRAVEL
3	On site	HAN-XSV	HANBOROUGH GRAVEL MEMBER	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
4	On site	WV-XSV	WOLVERCOTE SAND AND GRAVEL MEMBER	SAND AND GRAVEL
5	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	55m SE	SURAU-XSV	SUMMERTOWN-RADLEY SAND AND GRAVEL MEMBER, UPPER FACET	SAND AND GRAVEL
7	64m S	WV-XSV	WOLVERCOTE SAND AND GRAVEL MEMBER	SAND AND GRAVEL
8	100m NE	NDR-XSV	NORTHERN DRIFT FORMATION	SAND AND GRAVEL
9	113m NW	SURAU-XSV	SUMMERTOWN-RADLEY SAND AND GRAVEL MEMBER, UPPER FACET	SAND AND GRAVEL
10	238m S	SURA-XSV	SUMMERTOWN-RADLEY SAND AND GRAVEL MEMBER	SAND AND GRAVEL
11	315m SE	SURA-XSV	SUMMERTOWN-RADLEY SAND AND GRAVEL MEMBER	SAND AND GRAVEL
12	443m S	NDR-XSV	NORTHERN DRIFT FORMATION	SAND AND GRAVEL
13	462m SE	SURA-XSV	SUMMERTOWN-RADLEY SAND AND GRAVEL MEMBER	SAND AND GRAVEL
14	480m E	NDR-XSV	NORTHERN DRIFT FORMATION	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

## 15.5 Superficial permeability (50k)

<b>Records within 50m</b>	<b>6</b>
---------------------------	----------

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	High	Very Low
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High

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

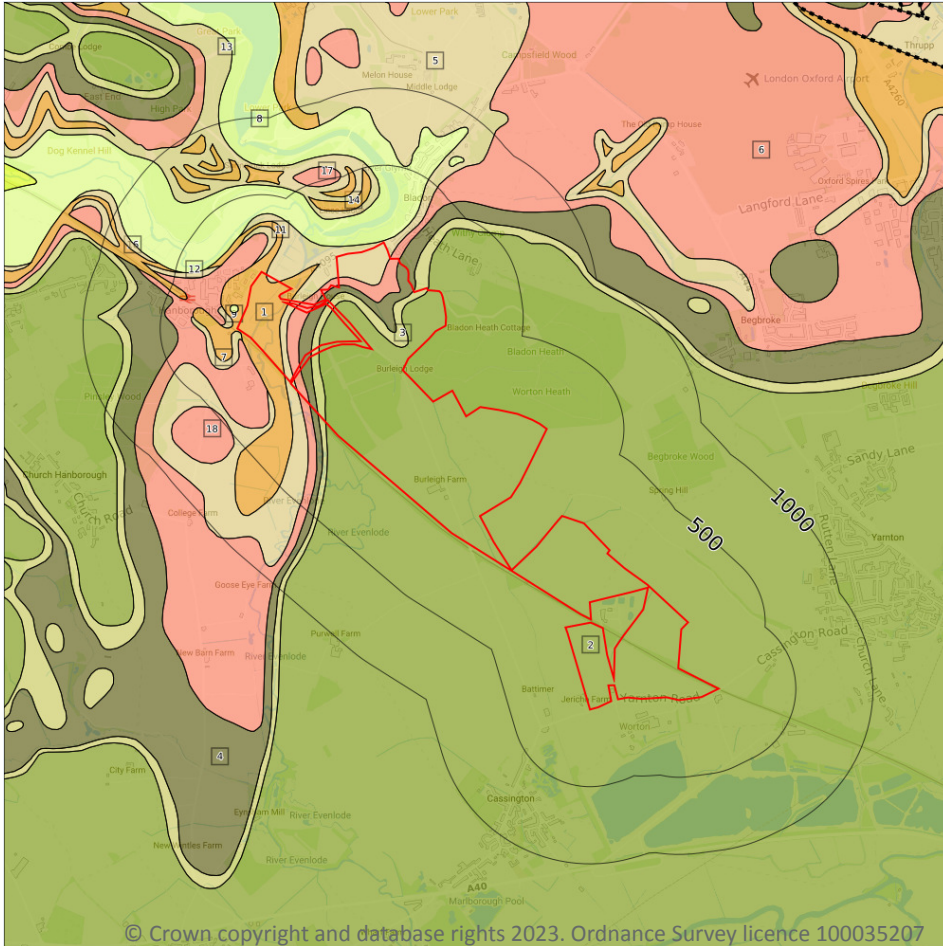
0

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

18

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 140 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	FMB-LMST	FOREST MARBLE FORMATION - LIMESTONE	BATHONIAN
2	On site	OXWW-MDST	OXFORD CLAY FORMATION AND WEST WALTON FORMATION (UNDIFFERENTIATED) - MUDSTONE	CALLOVIAN
3	On site	KLS-SDSL	KELLAWAYS SAND MEMBER - SANDSTONE AND SILTSTONE, INTERBEDDED	CALLOVIAN



ID	Location	LEX Code	Description	Rock age
4	On site	KLC-MDST	KELLAWAYS CLAY MEMBER - MUDSTONE	CALLOVIAN
5	On site	FMB-MDST	FOREST MARBLE FORMATION - MUDSTONE	BATHONIAN
6	On site	CB-LMST	CORNBRASH FORMATION - LIMESTONE	BATHONIAN
7	12m NW	FMB-MDST	FOREST MARBLE FORMATION - MUDSTONE	BATHONIAN
8	12m N	WHL-LMST	WHITE LIMESTONE FORMATION - LIMESTONE	BATHONIAN
9	37m NW	FMB-MDST	FOREST MARBLE FORMATION - MUDSTONE	BATHONIAN
10	43m NW	WHL-LMST	WHITE LIMESTONE FORMATION - LIMESTONE	BATHONIAN
11	70m NW	FMB-MDST	FOREST MARBLE FORMATION - MUDSTONE	BATHONIAN
12	236m NW	FMB-MDST	FOREST MARBLE FORMATION - MUDSTONE	BATHONIAN
13	237m NW	FMB-MDST	FOREST MARBLE FORMATION - MUDSTONE	BATHONIAN
14	279m NW	FMB-LMST	FOREST MARBLE FORMATION - LIMESTONE	BATHONIAN
15	371m NW	FMB-LMST	FOREST MARBLE FORMATION - LIMESTONE	BATHONIAN
16	377m NW	FMB-LMST	FOREST MARBLE FORMATION - LIMESTONE	BATHONIAN
17	463m NW	CB-LMST	CORNBRASH FORMATION - LIMESTONE	BATHONIAN
18	480m W	CB-LMST	CORNBRASH FORMATION - LIMESTONE	BATHONIAN

This data is sourced from the British Geological Survey.

## 15.9 Bedrock permeability (50k)

Records within 50m

11

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	Low	Very Low
On site	Fracture	Very High	High
On site	Mixed	Moderate	Moderate
On site	Fracture	Very High	High
On site	Fracture	Low	Very Low
On site	Fracture	Low	Very Low



Location	Flow type	Maximum permeability	Minimum permeability
<b>On site</b>	<b>Fracture</b>	<b>Low</b>	<b>Very Low</b>
12m NW	Fracture	Low	Very Low
12m N	Fracture	Very High	Very High
37m NW	Fracture	Low	Very Low
43m NW	Fracture	Very High	Very High

*This data is sourced from the British Geological Survey.*

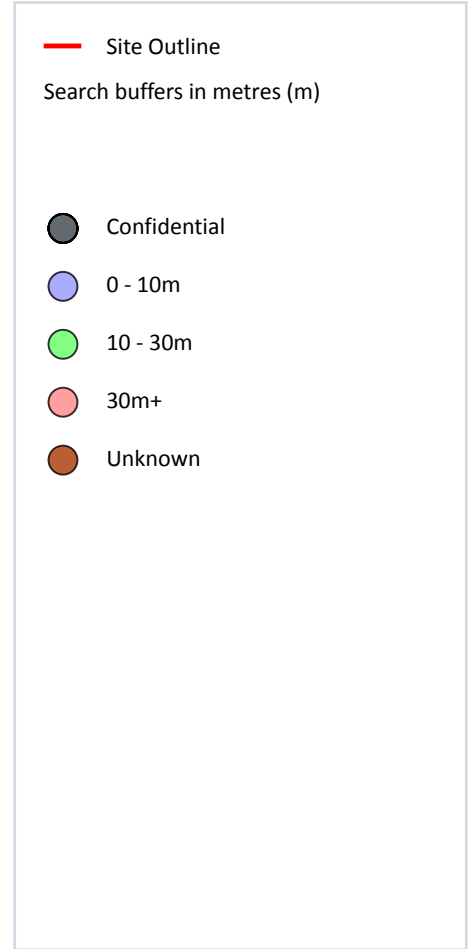
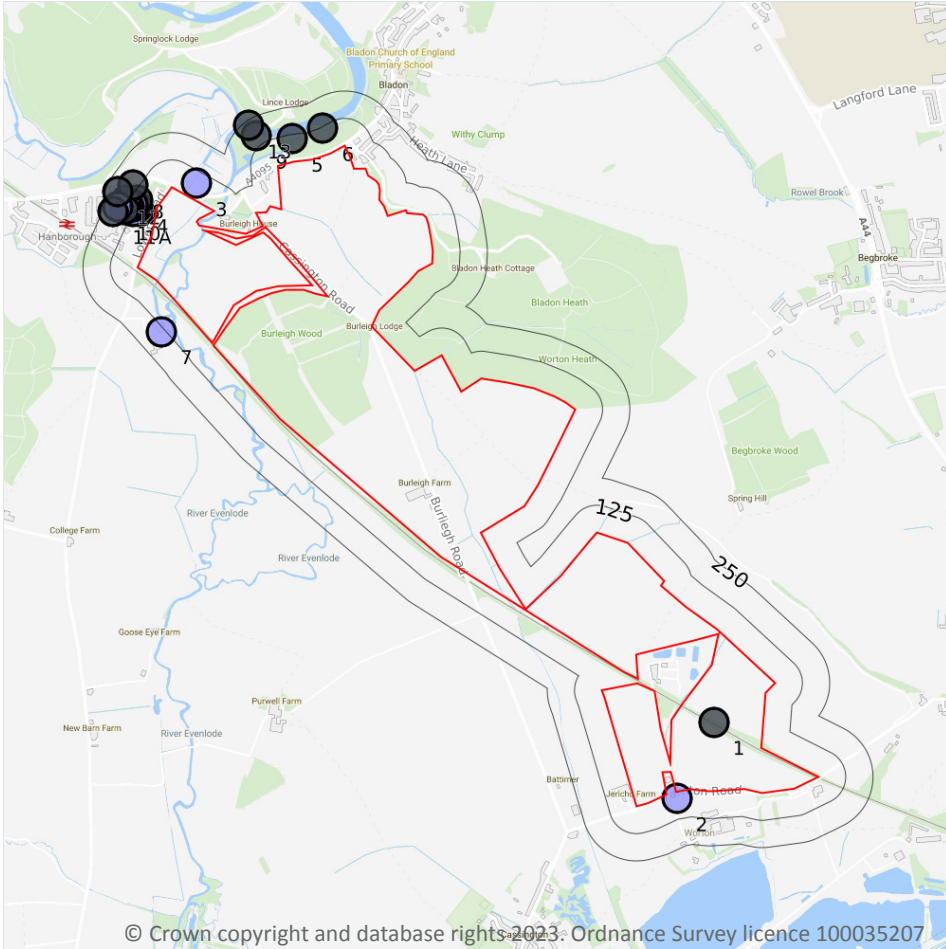
### 15.10 Bedrock faults and other linear features (50k)

<b>Records within 500m</b>	<b>0</b>
----------------------------	----------

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.

*This data is sourced from the British Geological Survey.*

## 16 Boreholes



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### 16.1 BGS Boreholes

Records within 250m

24

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 143 >](#)

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	446310 211900	OXFORD TATA STEEL RAILWAYS PROJECT WS OD2418	-	Y	N/A
2	31m SE	446140 211550	RECTORY FARM WORTON	4.0	N	<a href="#">330702 ↗</a>



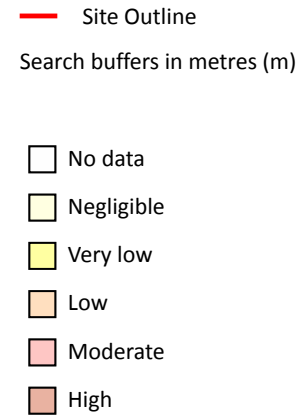
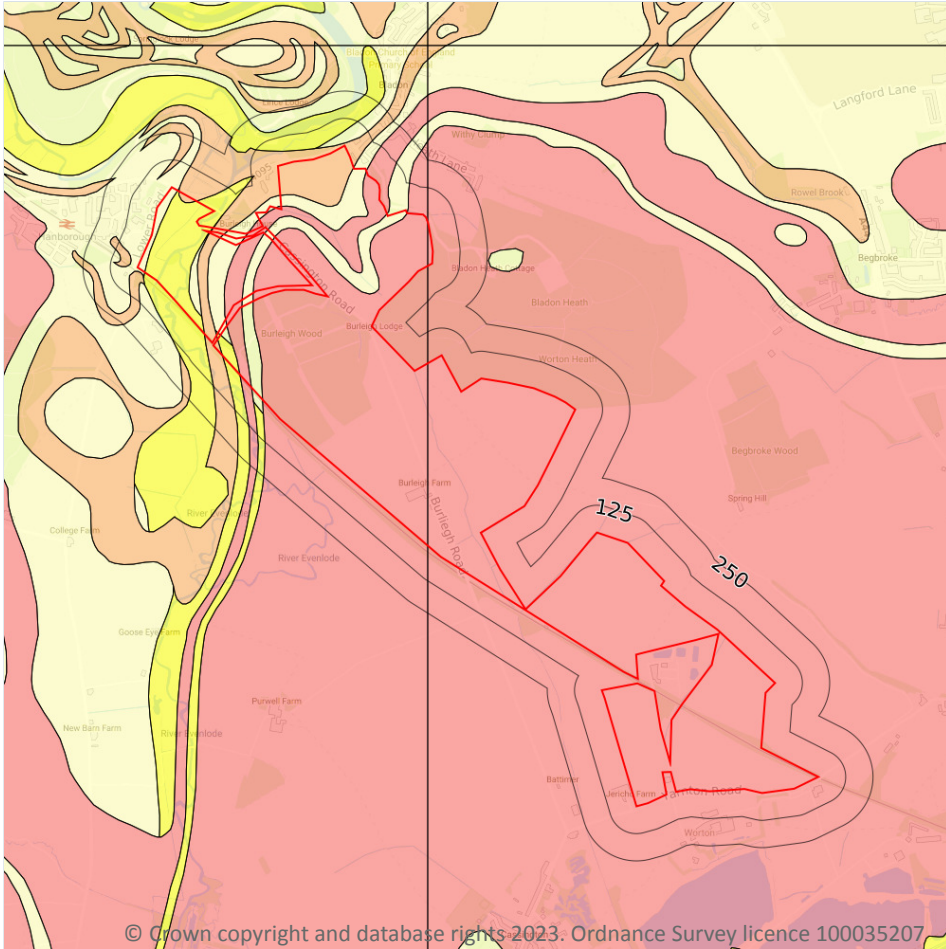
ID	Location	Grid reference	Name	Length	Confidential	Web link
3	72m NW	443940 214370	HANBOROUGH BRIDGE	5.3	N	<a href="#">330902</a> ↗
A	75m NW	443680 214240	LONG HANBOROUGH INDUSTRIAL ESTATE 4	-	Y	N/A
A	89m NW	443670 214260	LONG HANBOROUGH INDUSTRIAL ESTATE 1	-	Y	N/A
4	96m NW	443670 214290	LONG HANBOROUGH INDUSTRIAL ESTATE 7	-	Y	N/A
A	105m NW	443650 214240	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 5	1.5	N	<a href="#">15949049</a> ↗
5	107m NW	444379 214574	BLENHEIM AND BLADON DAMS WOODSTOCK OXFORDSHIRE TP203	-	Y	N/A
A	109m NW	443650 214260	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 4	1.0	N	<a href="#">15949048</a> ↗
A	110m NW	443650 214270	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 3	1.0	N	<a href="#">15949047</a> ↗
6	120m N	444520 214623	BLENHEIM AND BLADON DAMS WOODSTOCK OXFORDSHIRE TP204	-	Y	N/A
A	128m NW	443630 214260	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 7	3.5	N	<a href="#">15949051</a> ↗
A	138m NW	443620 214260	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 2	5.8	N	<a href="#">15949046</a> ↗
A	140m NW	443620 214270	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 8	3.5	N	<a href="#">15949052</a> ↗
A	140m NW	443620 214270	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 1	6.2	N	<a href="#">15949045</a> ↗
7	141m W	443780 213690	HANBOROUGH MILL HANBOROUGH	6.7	N	<a href="#">330908</a> ↗
A	144m NW	443620 214290	LONG HANBOROUGH INDUSTRIAL ESTATE 8	-	Y	N/A
A	146m NW	443610 214250	LONG HANBOROUGH INDUSTRIAL ESTATE 2	-	Y	N/A
8	149m NW	443650 214360	LONG HANBOROUGH INDUSTRIAL ESTATE 6	-	Y	N/A
9	171m NW	444216 214588	BLENHEIM AND BLADON DAMS WOODSTOCK OXFORDSHIRE TP202	-	Y	N/A
10	177m NW	443580 214260	HANBOROUGH BUSINESS PARK LONG HANBOROUGH OXFORD 6	1.5	N	<a href="#">15949050</a> ↗
11	193m NW	443560 214240	LONG HANBOROUGH INDUSTRIAL ESTATE 3	-	Y	N/A
12	194m NW	443580 214330	LONG HANBOROUGH INDUSTRIAL ESTATE 5	-	Y	N/A
13	230m NW	444179 214634	BLENHEIM AND BLADON DAMS WOODSTOCK OXFORDSHIRE TP201	-	Y	N/A



*This data is sourced from the British Geological Survey.*



## 17 Natural ground subsidence - Shrink swell clays



### 17.1 Shrink swell clays

Records within 50m

9

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 146](#) >

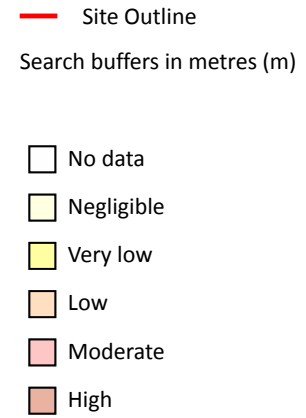
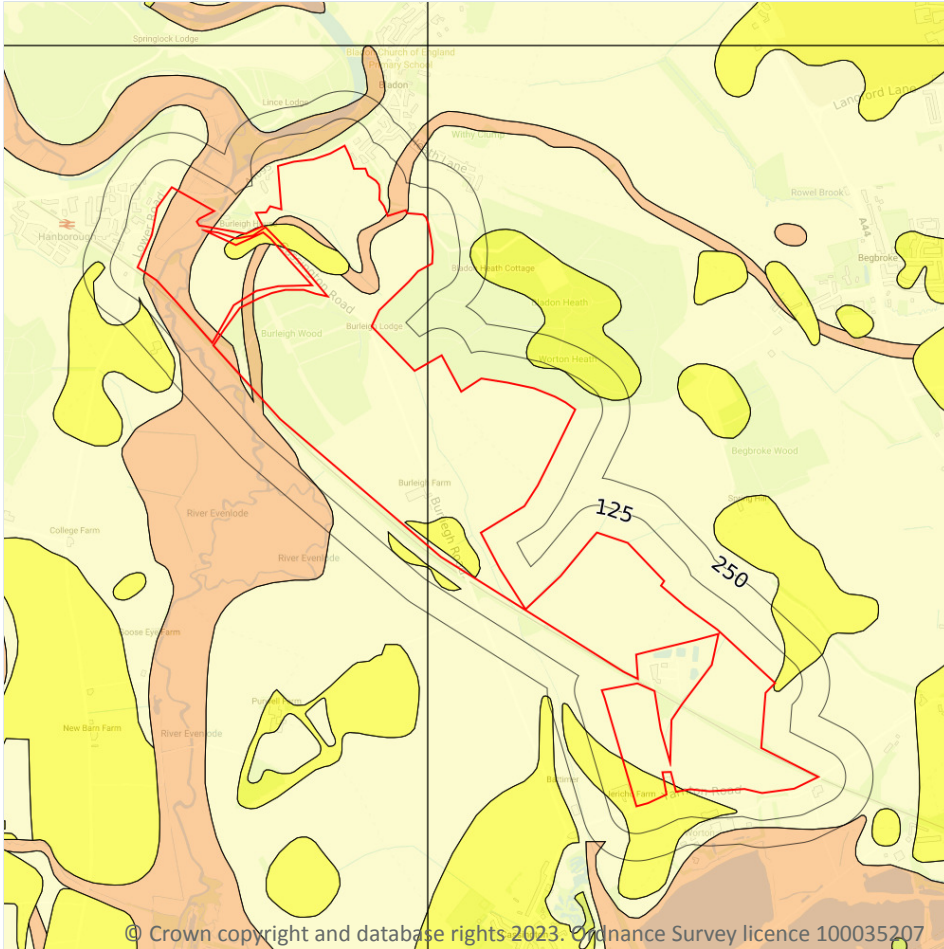
Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
On site	Low	Ground conditions predominantly medium plasticity.

Location	Hazard rating	Details
<b>On site</b>	<b>Moderate</b>	<b>Ground conditions predominantly high plasticity.</b>
12m NW	Low	Ground conditions predominantly medium plasticity.
12m N	Negligible	Ground conditions predominantly non-plastic.
36m W	Very low	Ground conditions predominantly low plasticity.
37m NW	Low	Ground conditions predominantly medium plasticity.
45m NW	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

3

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 148](#) >

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.

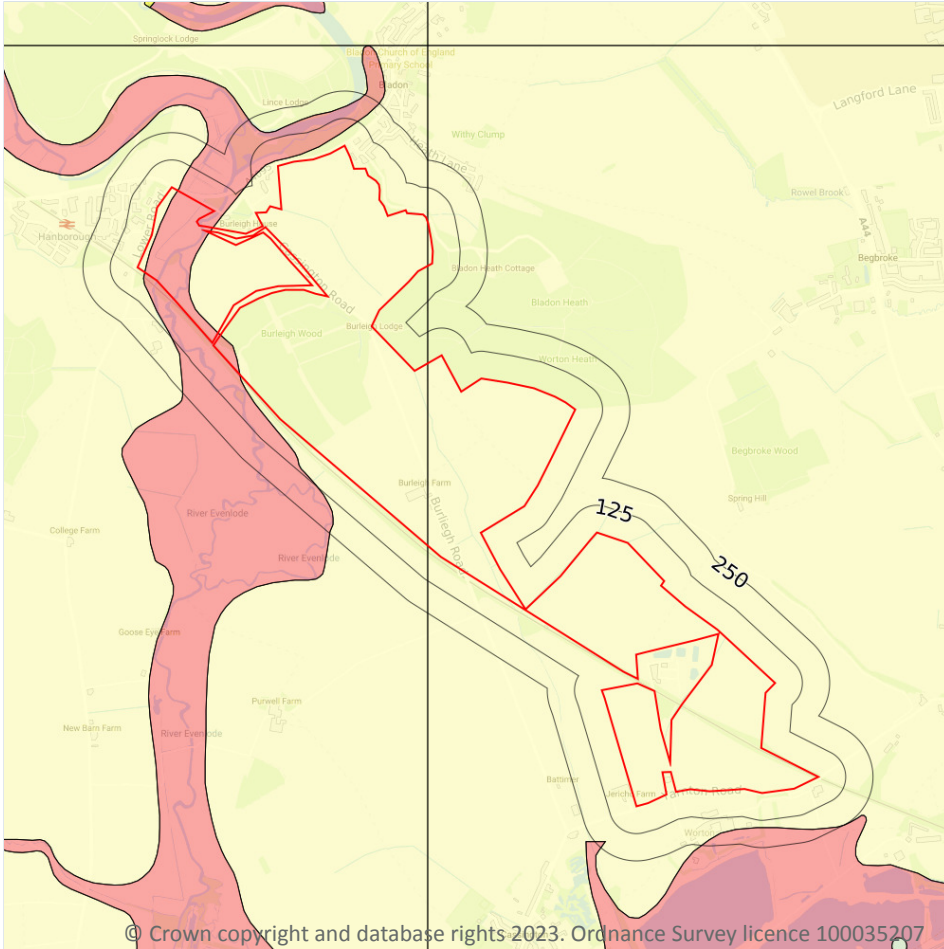


Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

*This data is sourced from the British Geological Survey.*



## Natural ground subsidence - Compressible deposits



— Site Outline  
Search buffers in metres (m)

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

### 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 150](#) >

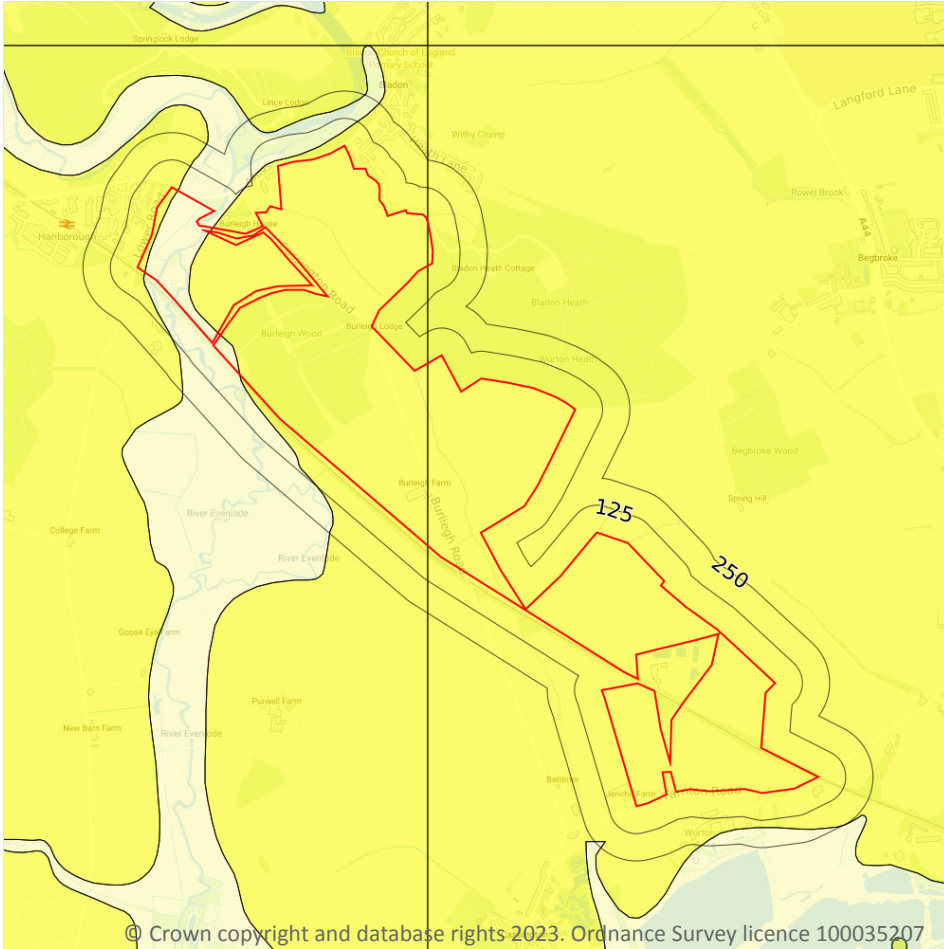
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



*This data is sourced from the British Geological Survey.*



## Natural ground subsidence - Collapsible deposits



### 17.4 Collapsible deposits

#### Records within 50m

2

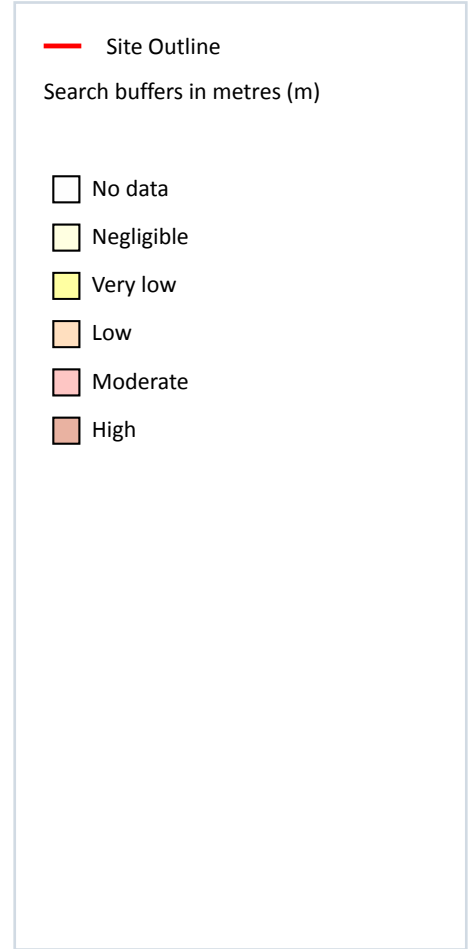
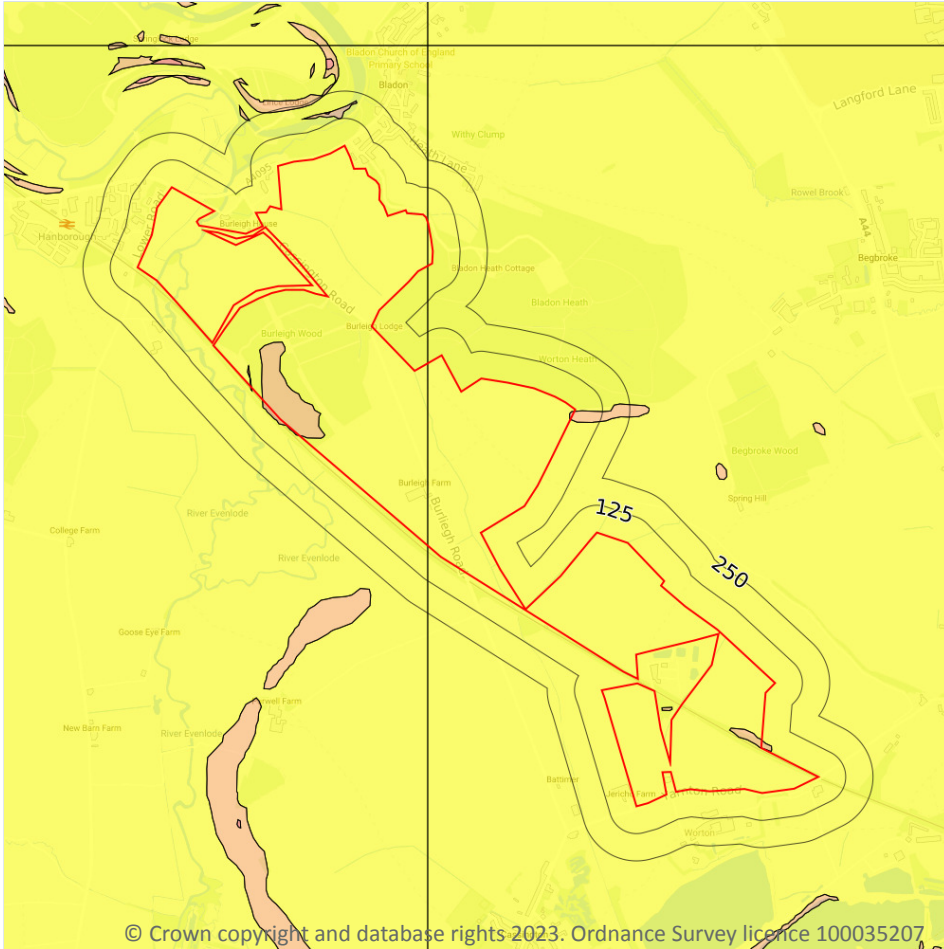
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 152](#) >

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



### 17.5 Landslides

Records within 50m

3

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 153 >](#)

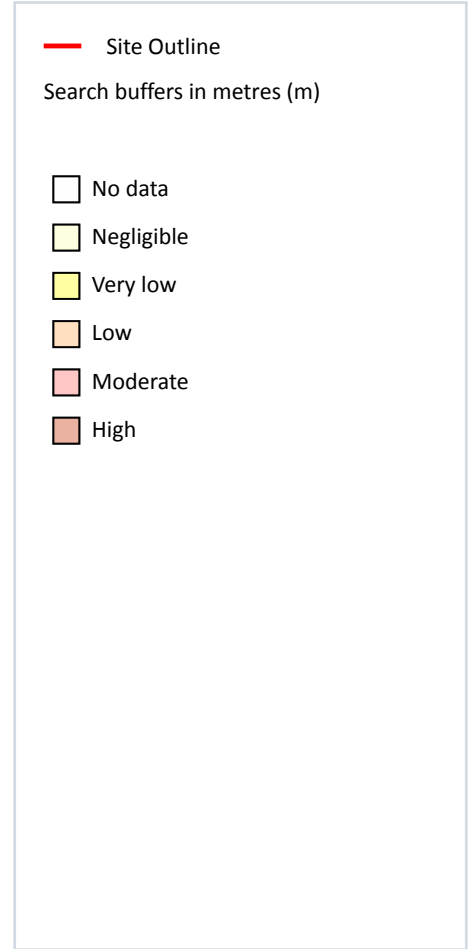
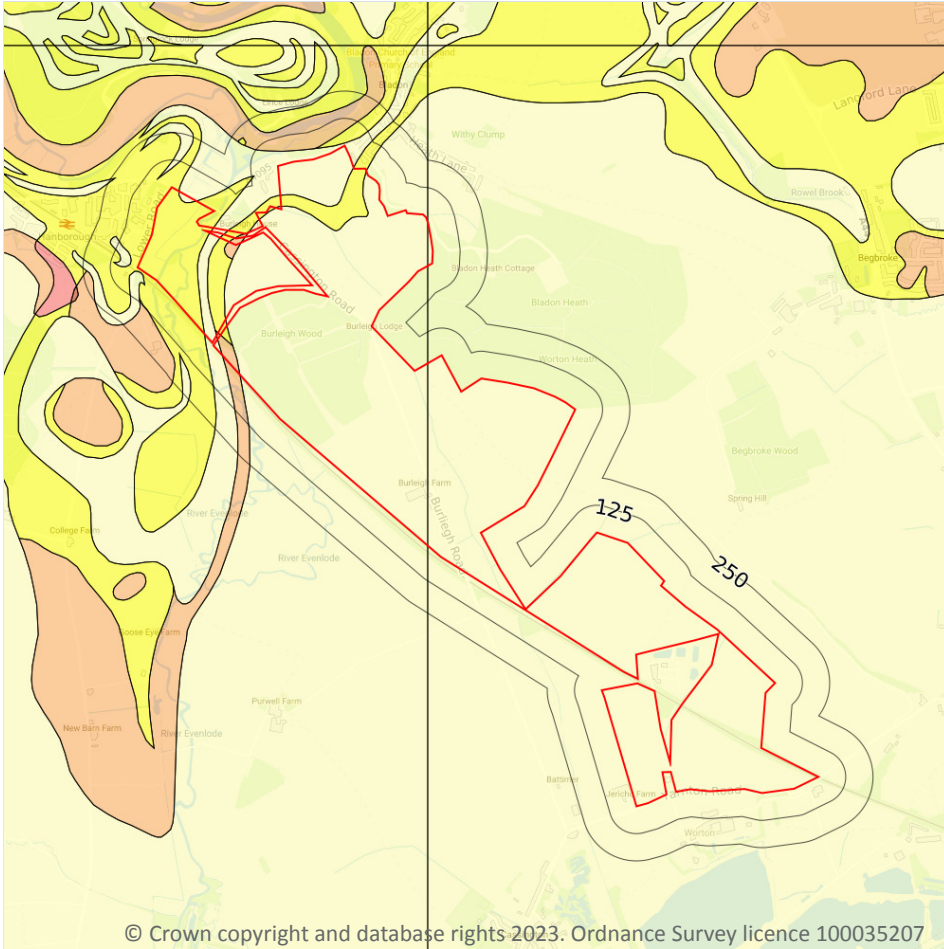
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
On site	Low	<b>Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.</b>
21m SE	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



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### 17.6 Ground dissolution of soluble rocks

Records within 50m

7

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 155 >](#)

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.



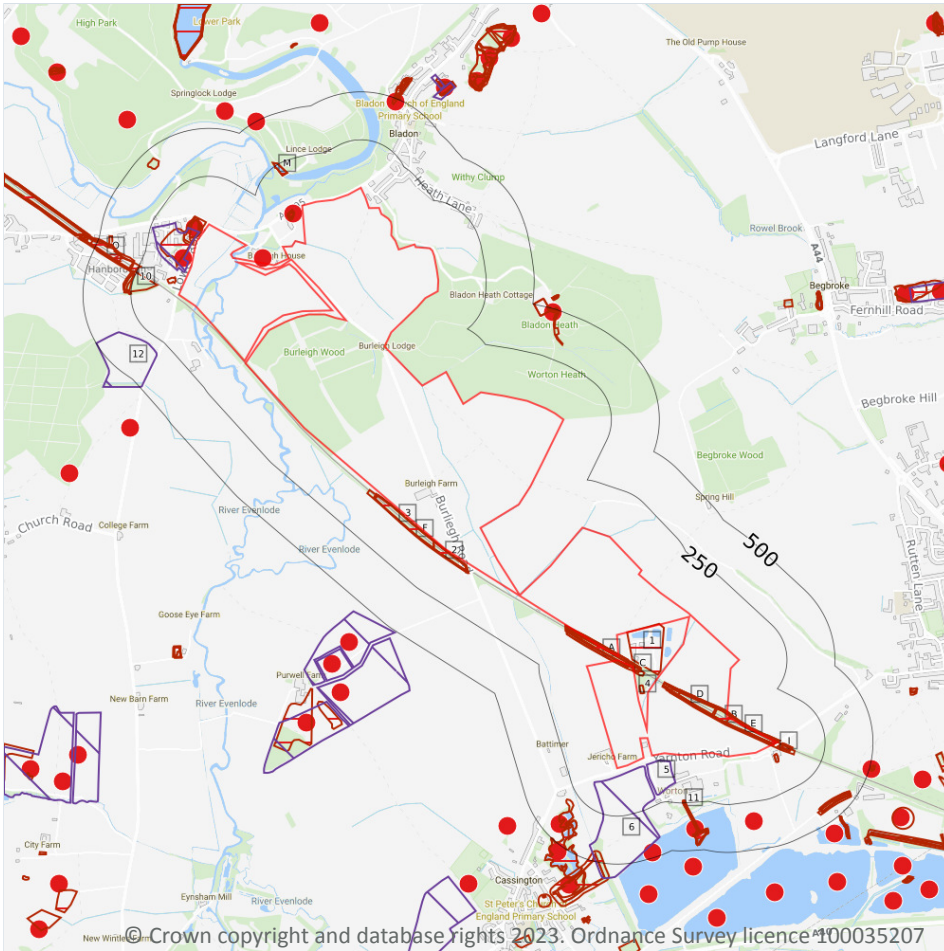
Location	Hazard rating	Details
On site	Very low	<b>Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.</b>
On site	Low	<b>Soluble rocks are present 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.</b>
12m NW	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.
12m N	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.
37m NW	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.
45m NW	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.

*This data is sourced from the British Geological Survey.*





## 18 Mining and ground workings



### 18.1 BritPits

Records within 500m

18

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 157](#) >

ID	Location	Details	Description
J	25m NW	Name: Hanborough Folly Quarry Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
J	25m NW	Name: Hanborough Folly Quarry Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
8	48m NW	Name: Bladon Quarries Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
J	49m NW	Name: Hanborough Folly Quarry Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
J	49m NW	Name: Hanborough Folly Quarry Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
G	50m NW	Name: Bladon Quarries Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
K	52m NW	Name: Bladon Quarry Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
9	53m NW	Name: Bladon Quarries Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
H	91m NW	Name: Bladon Quarries Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
H	110m NW	Name: Southrah Address: Long Hanborough, WITNEY, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
14	351m SE	Name: Cassington Quarry Address: Worton, CASSINGTON, Oxfordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
N	388m SE	Name: Cassington Quarry Address: Worton, CASSINGTON, Oxfordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
N	388m SE	Name: Cassington Quarry Address: Worton, CASSINGTON, Oxfordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
17	417m S	Name: Acrey Quarry Address: CASSINGTON, Oxfordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
18	471m SE	Name: Cassington Quarry Address: Worton, CASSINGTON, Oxfordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	483m N	Name: Old White House Inn Quarry Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
U	483m NE	Name: Bladon Heath Gravel Pit Address: Bladon, WOODSTOCK, Oxfordshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
19	500m NW	Name: Lince Quarry Address: WOODSTOCK, Oxfordshire Commodity: Limestone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

*This data is sourced from the British Geological Survey.*



## 18.2 Surface ground workings

Records within 250m

54

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 157 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Sewage Works	1992	1:10000
A	On site	Cuttings	1876	1:10560
A	On site	Cuttings	1968	1:10560
A	On site	Cuttings	1979	1:10000
A	On site	Cuttings	1992	1:10000
A	On site	Cuttings	1938	1:10560
A	On site	Cuttings	1922	1:10560
A	On site	Cuttings	1900	1:10560
A	On site	Cuttings	1900	1:10560
A	On site	Cuttings	1914	1:10560
B	On site	Cuttings	1876	1:10560
B	On site	Cuttings	1968	1:10560
B	On site	Cuttings	1979	1:10000
B	On site	Cuttings	1992	1:10000
B	On site	Cuttings	1938	1:10560
B	On site	Cuttings	1922	1:10560
B	On site	Cuttings	1914	1:10560
C	On site	Cuttings	1938	1:10560
C	On site	Cuttings	1922	1:10560
C	On site	Cuttings	1914	1:10560
D	On site	Cuttings	1900	1:10560
D	On site	Cuttings	1900	1:10560
E	On site	Cuttings	1900	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
<b>E</b>	<b>On site</b>	<b>Cuttings</b>	<b>1900</b>	<b>1:10560</b>
F	3m S	Cuttings	1923	1:10560
F	5m S	Cuttings	1923	1:10560
F	5m S	Cuttings	1898	1:10560
2	5m S	Cuttings	1968	1:10560
3	6m S	Cuttings	1950	1:10560
F	7m S	Cuttings	1880	1:10560
G	9m NW	Unspecified Quarry	1923	1:10560
G	13m NW	Unspecified Quarry	1923	1:10560
4	17m SE	Pond	1979	1:10000
G	19m NW	Unspecified Quarry	1898	1:10560
H	19m NW	Unspecified Quarry	1950	1:10560
I	20m SE	Cuttings	1914	1:10560
I	32m SE	Cuttings	1938	1:10560
I	32m SE	Cuttings	1922	1:10560
I	37m SE	Cuttings	1968	1:10560
7	44m NW	Pond	1978	1:10000
K	44m NW	Unspecified Old Quarry	1950	1:10560
K	47m NW	Unspecified Old Quarry	1923	1:10560
K	47m NW	Unspecified Old Quarry	1898	1:10560
K	47m NW	Unspecified Old Quarry	1923	1:10560
L	53m SE	Pond	1979	1:10000
L	53m SE	Pond	1992	1:10000
10	123m NW	Unspecified Pit	1923	1:10560
M	187m NW	Pond	1923	1:10560
M	187m NW	Pond	1898	1:10560
11	236m SE	Pond	1992	1:10000
N	238m SE	Pond	1900	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
O	241m NW	Cuttings	1880	1:10560
P	249m NW	Unspecified Ground Workings	1923	1:10560
N	249m SE	Water Body	1876	1:10560

*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**

**4**

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.

Features are displayed on the Mining and ground workings map on [page 157 >](#)

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
H	17m NW	Southrah / Long Hanborough	Limestone	Surface mineral working	Valid	29/11/48
5	33m SE	Manor Farm	Sand and gravel	Surface mineral working	Refused	27/8/56



ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
6	33m SE	Manor Farm	Sand and gravel	Surface mineral working	Refused	26/7/56
12	301m W	Long Hanborough	Sand and gravel	Surface mineral working	Refused	9/7/52

*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****9**

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.

Location	Mineral type
15m NW	Stone
38m NW	Stone
46m NW	Stone
55m NW	Stone
60m NW	Stone
72m NW	Stone
93m NW	Stone
286m S	Stone
475m N	Stone

*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
-----------------	---

Generalised areas that may be affected by gypsum extraction.

*This data is sourced from British Gypsum.*

## 18.15 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

*This data is sourced from Groundsure.*

## 18.16 Clay mining

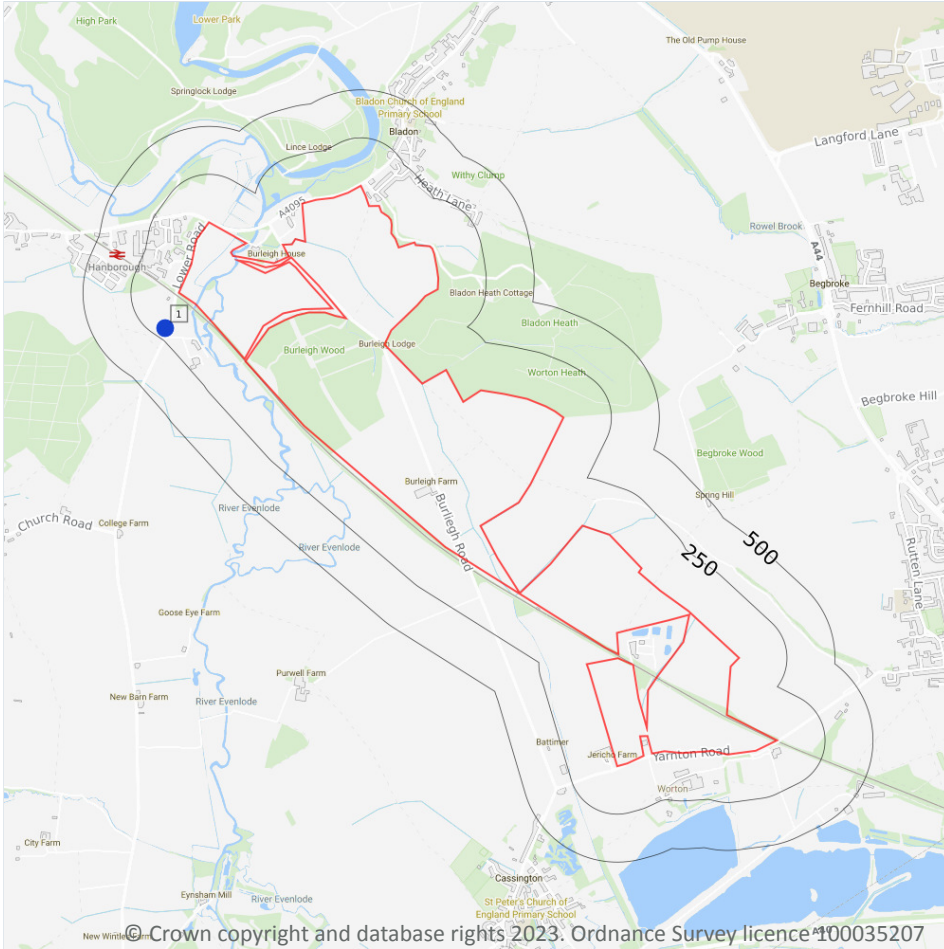
Records on site	0
-----------------	---

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



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- Mining cavities
- Reported recent incidents
- Historical incidents
- BGS karst database (Point)
- BGS karst database (Line)
- BGS karst database (Area)

### 19.1 Natural cavities

Records within 500m

1

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.

Features are displayed on the Ground cavities and sinkholes map on [page 167](#) >

ID	Location	Details	Source
1	191m NW	Type: Solution Pipe Superficial Geology: - Bedrock Geology: Cornbrash Formation, Great Oolite Group	Simple Bibliography: - Full Bibliography: RICHARDSON, L., ARKELL, W.J. AND DINES, H.G., Geology of the country around Witney., HMSO, London., 1946; British Geological Survey Memoir (Sheet 236) Confidentiality: Data source can be revealed, data can be used freely

*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.*



## 19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

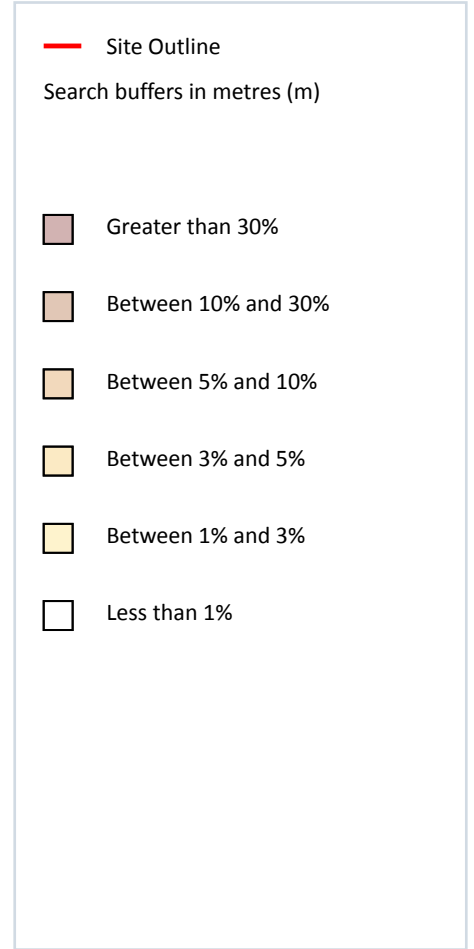
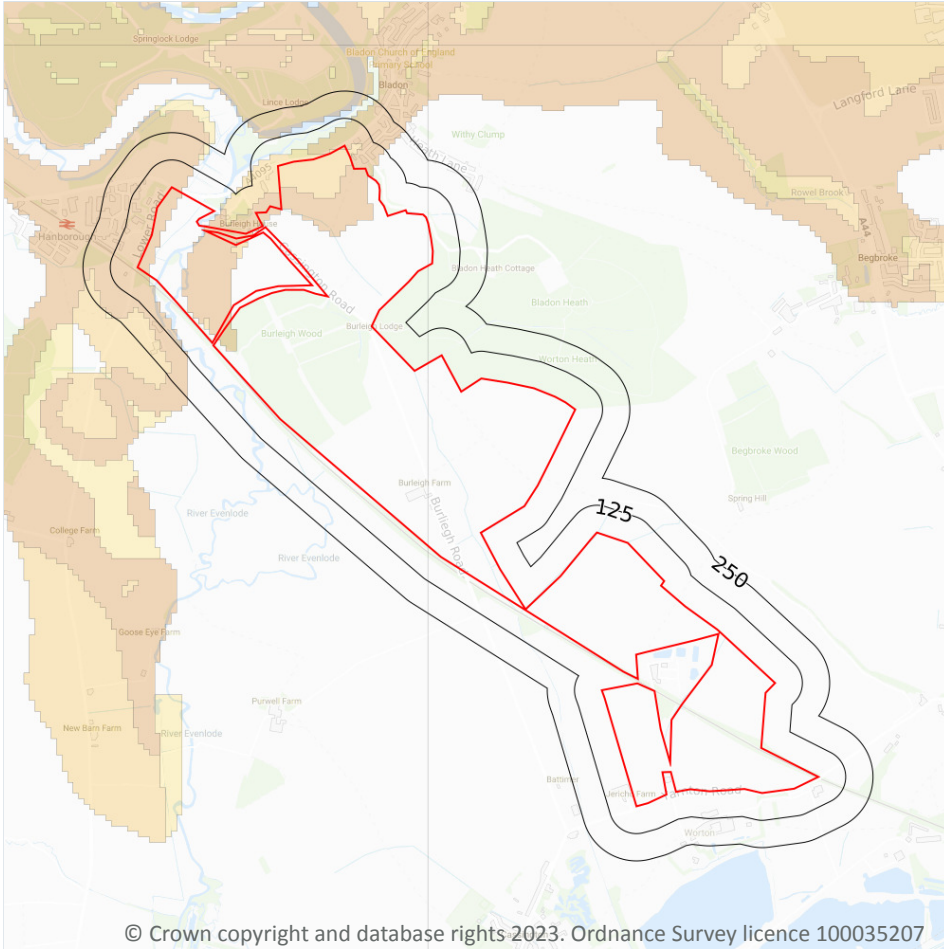
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

*This data is sourced from the British Geological Survey.*



## 20 Radon



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### 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 170 >](#)

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 3% and 5%	Basic



Location	Estimated properties affected	Radon Protection Measures required
On site	Between 5% and 10%	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

111

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 km<sup>2</sup>. 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 km<sup>2</sup>; 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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



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	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	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	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 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
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
12m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
12m N	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
13m W	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
15m SE	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
23m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
26m SE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
29m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
36m W	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
37m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
37m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
38m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
41m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
42m W	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
43m NW	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 NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
46m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
47m NW	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 km<sup>2</sup>).

*This data is sourced from the British Geological Survey.*

## 21.3 BGS Measured Urban Soil Chemistry

**Records within 50m**

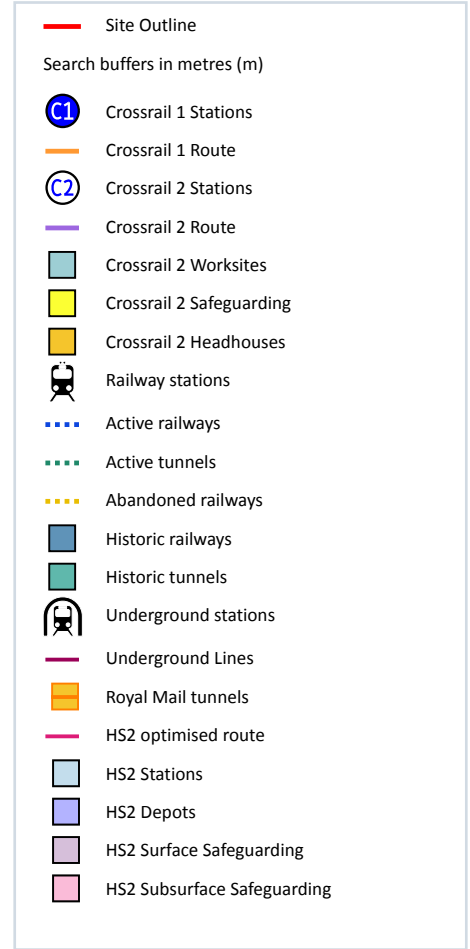
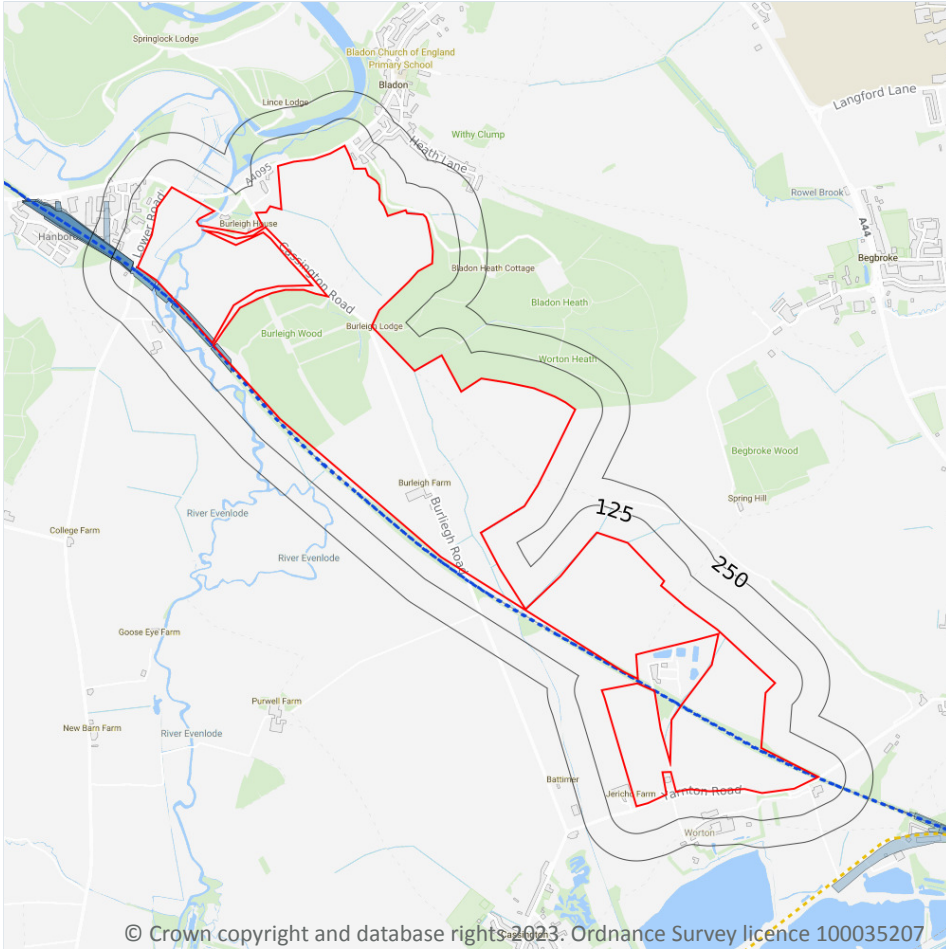
**0**

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 km<sup>2</sup>.

*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

10

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.

Features are displayed on the Railway infrastructure and projects map on [page 179 >](#)

Location	Land Use	Year of mapping	Mapping scale
<b>On site</b>	<b>Railway</b>	<b>1899</b>	-
<b>On site</b>	<b>Railway</b>	<b>1876</b>	-
25m NW	Railway Sidings	1923	10560
25m NW	Railway Sidings	1898	10560
26m NW	Railway Sidings	1950	10560
53m NW	Railway Sidings	1881	2500
70m NW	Railway Sidings	1898	2500
70m NW	Railway Sidings	1922	2500
125m NW	Railway Sidings	1880	10560
125m NW	Railway Sidings	1923	10560

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

25

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on [page 179 >](#)

Location	Name	Type
On site	Cotswold Line	rail
On site	Not given	Single Track
On site	Not given	Single Track
1m NW	Not given	Single Track
2m SE	Not given	Single Track
2m NW	Cotswold Line	rail
2m NW	Cotswold Line	rail
3m SE	Not given	Single Track
5m NW	Cotswold Line	rail
13m NW	Cotswold Line	rail
14m NW	Cotswold Line	rail
16m S	Not given	Single Track
17m SE	Not given	Single Track
17m NW	Cotswold Line	rail
17m NW	Cotswold Line	rail
17m S	Cotswold Line	rail
18m SE	Not given	Single Track



Location	Name	Type
20m SE	Not given	Single Track
22m NW	Cotswold Line	rail
26m NW	Cotswold Line	rail
27m S	Not given	Single Track
31m W	Cotswold Line	rail
85m SE	Not given	Single Track
134m SE	Not given	Single Track
158m NW	Not given	Single Track

*This data is sourced from Ordnance Survey and OpenStreetMap.*

## 22.8 Crossrail 1

**Records within 500m**

**0**

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

*This data is sourced from publicly available information by Groundsure.*

## 22.9 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.*

## 22.10 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 [REDACTED]

## Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: [REDACTED]

