Great North Road Solar and Biodiversity Park

Environmental Statement Report

Volume 4 – Technical Appendices

TA A10.11 – Desk Study and Preliminary Risk Assessment Groundsure Data - Part 7 of 11

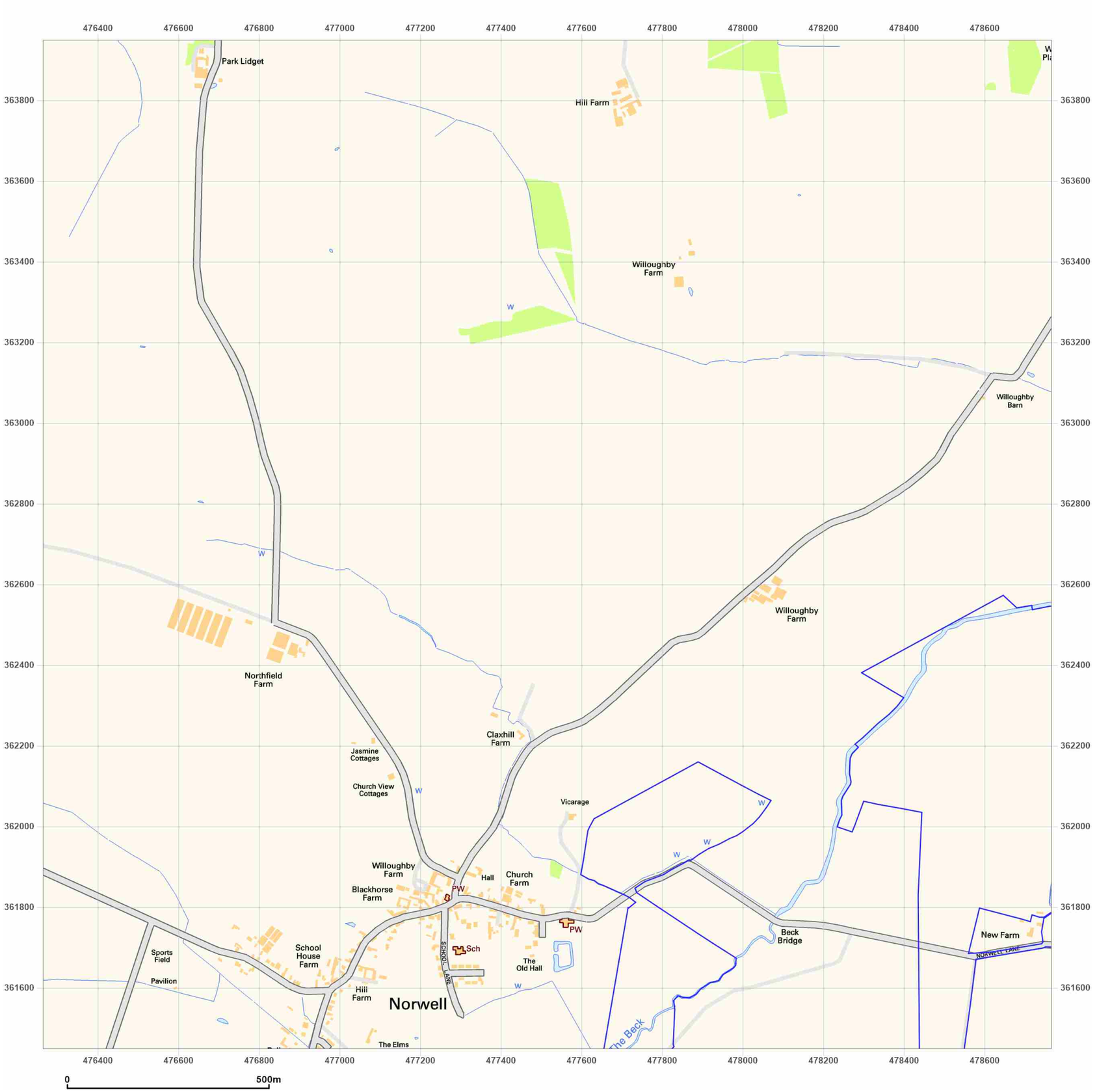
Document reference – EN010162/APP/6.4.10.11.7

Revision number 1

June 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, APFP Regulation 5(2)(a)

ANNEX E – GROUNDSURE ENVIRO AND GEO INSIGHT REPORT GSIP-2024-16448-21124_D_1 AND MAP INSIGHT REPORT GSIP-2024-16448-21123_4



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_1_3
Grid Ref: 477515, 362699

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

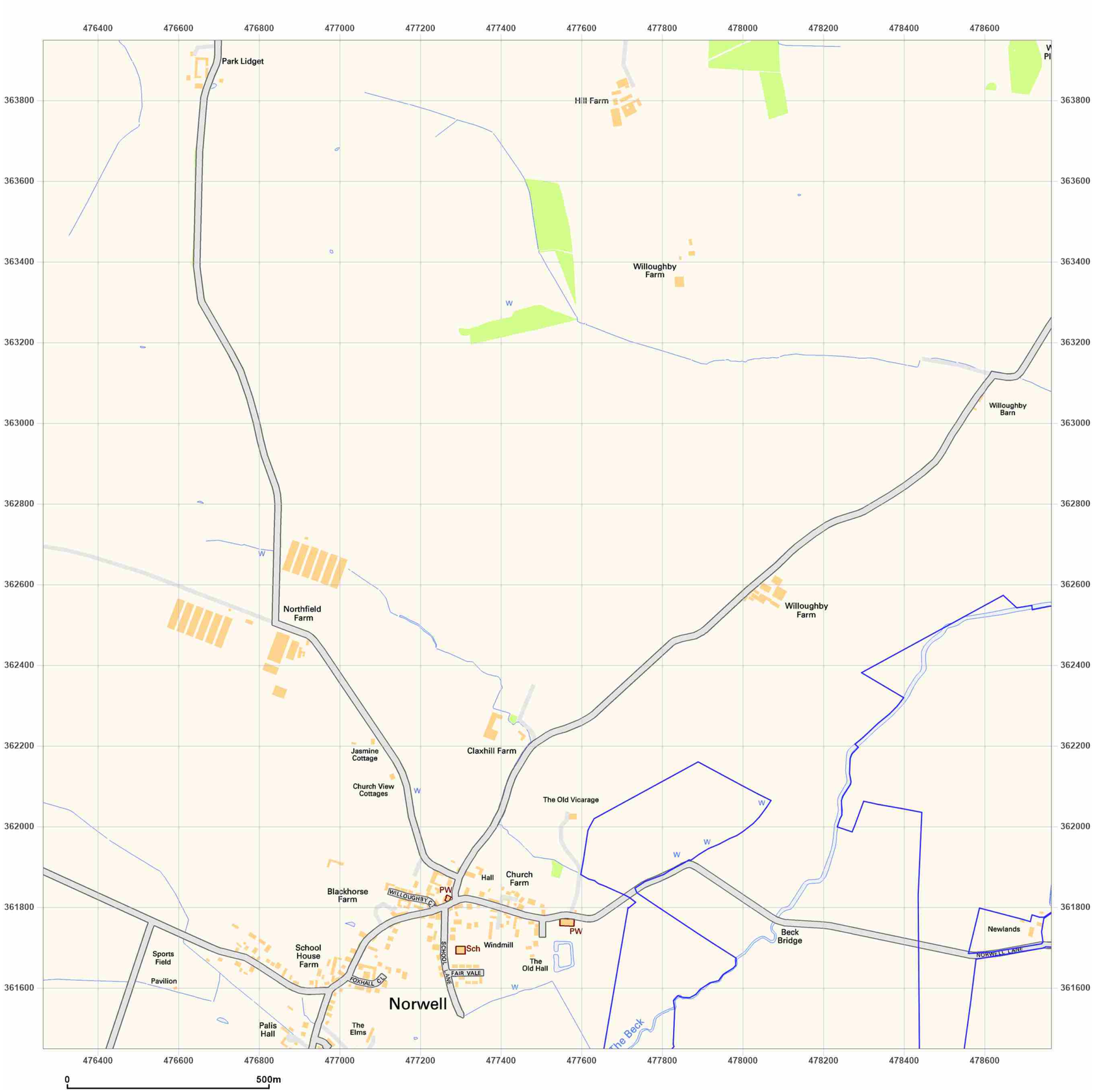
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_1_3
Grid Ref: 477515, 362699

Map Name: National Grid
Map date: 2010
Scale: 1:10,000
Printed at: 1:10,000

N
W E
S

2010

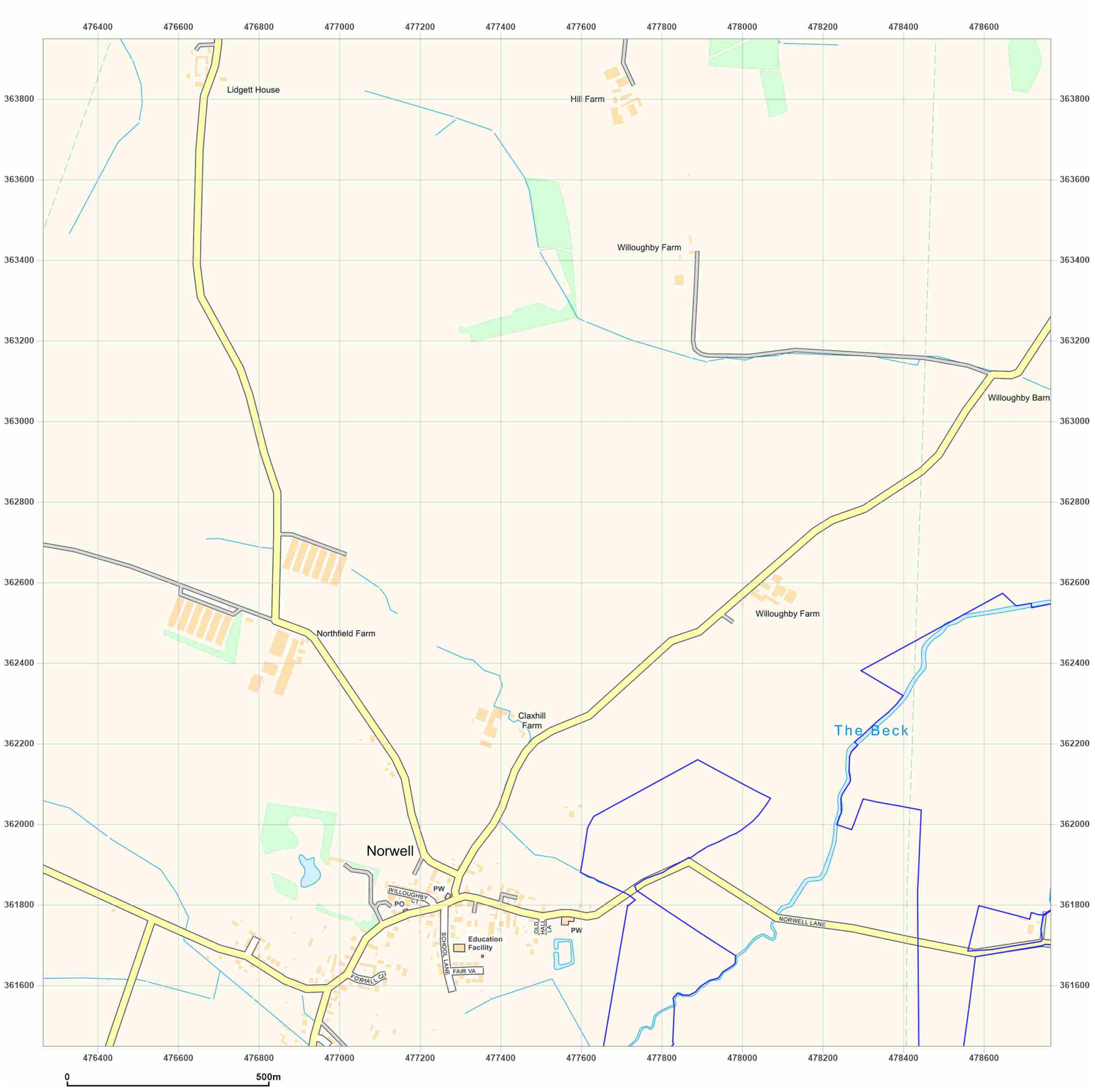
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_1_3
Grid Ref: 477515, 362699

Map Name: National Grid
Map date: 2024
Scale: 1:10,000
Printed at: 1:10,000

N
W E
S

2024

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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: County Series

Map date: **1889**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised N/A
Edition 1889
Copyright N/A
Levelled N/A

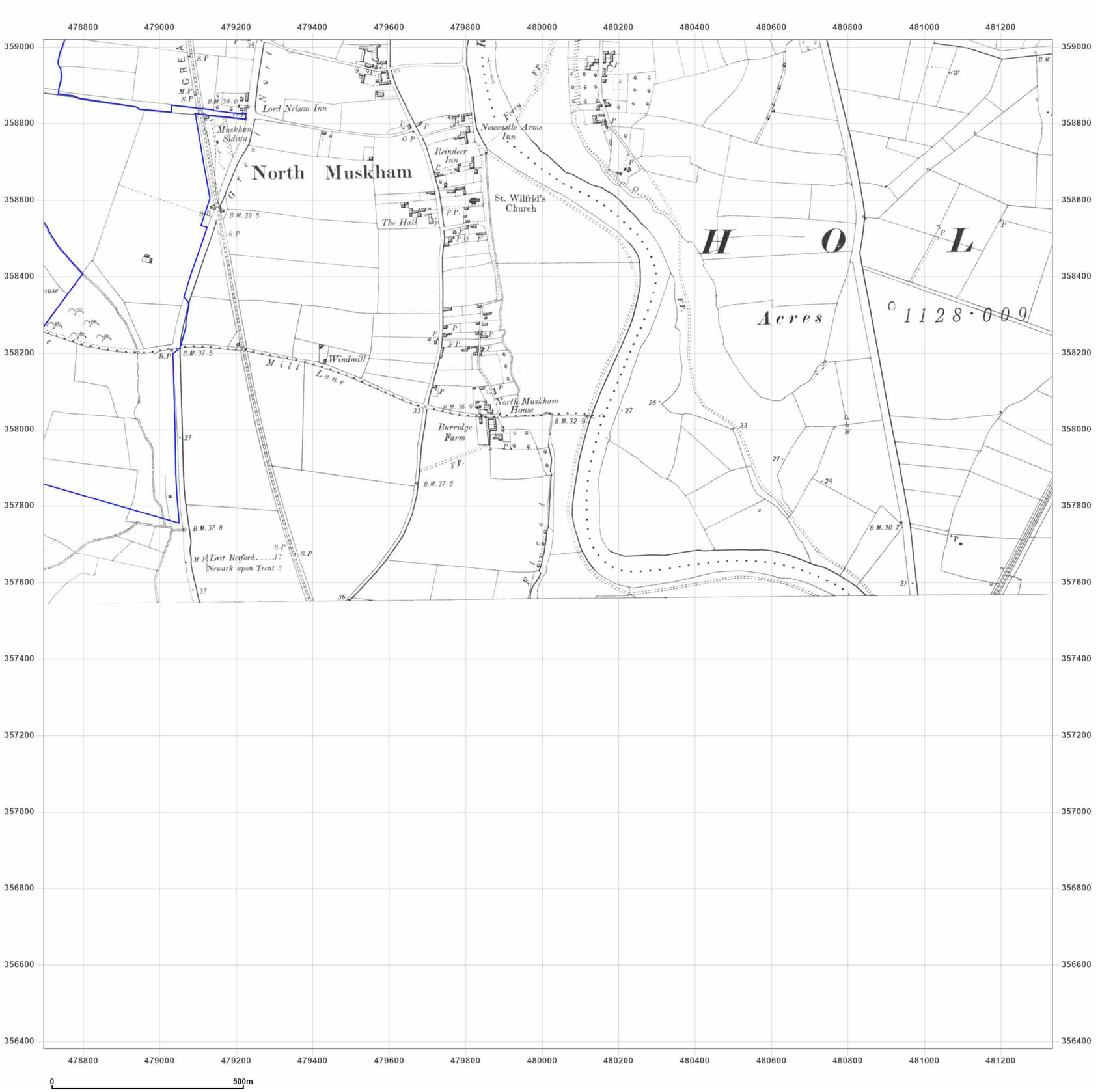
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: County Series

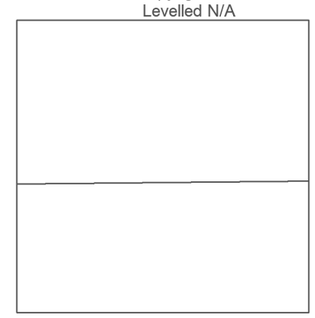
Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



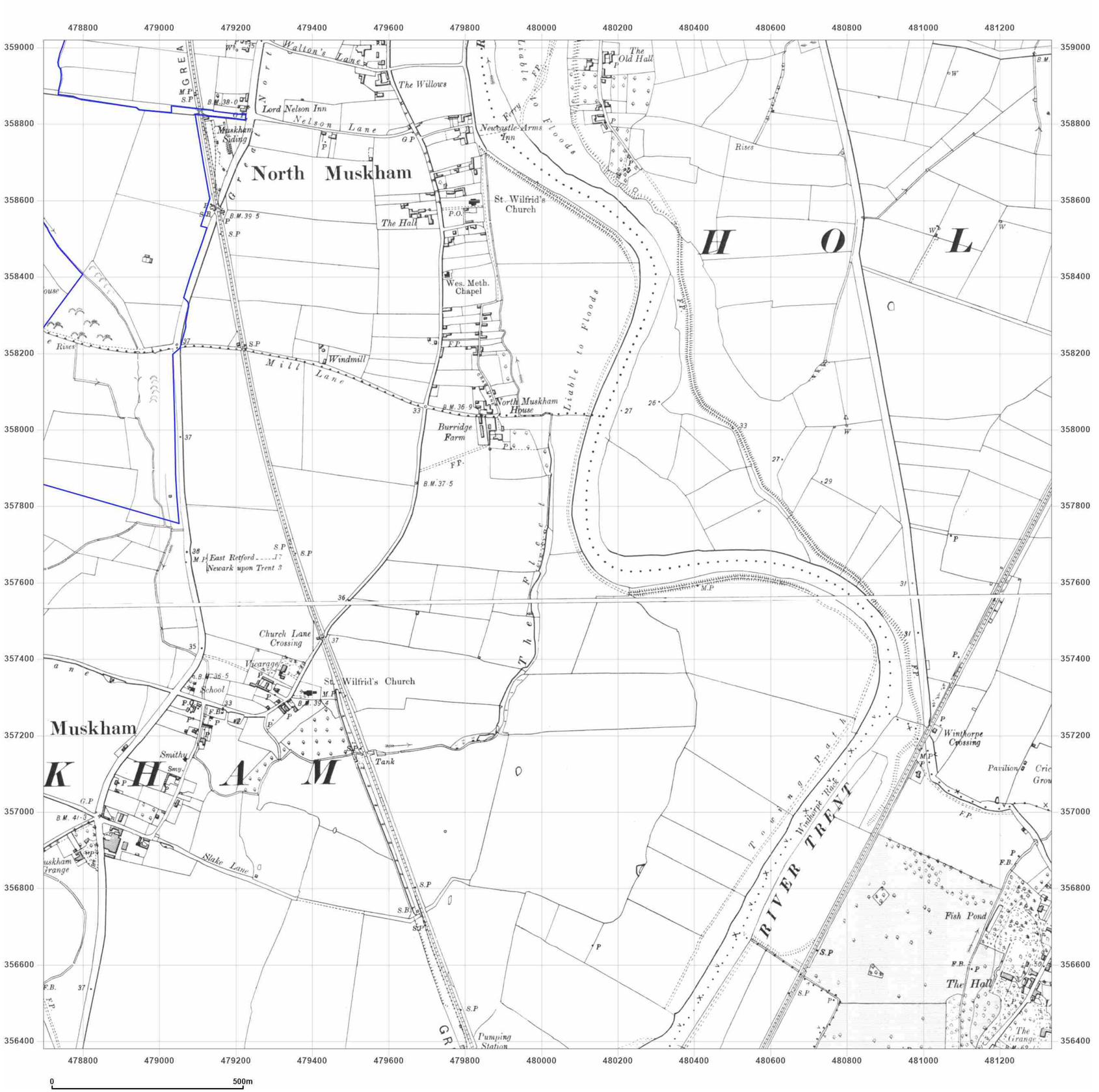
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: County Series

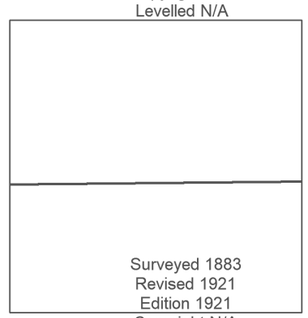
Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1883
Revised 1921
Edition 1921
Copyright N/A
Levelled N/A

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

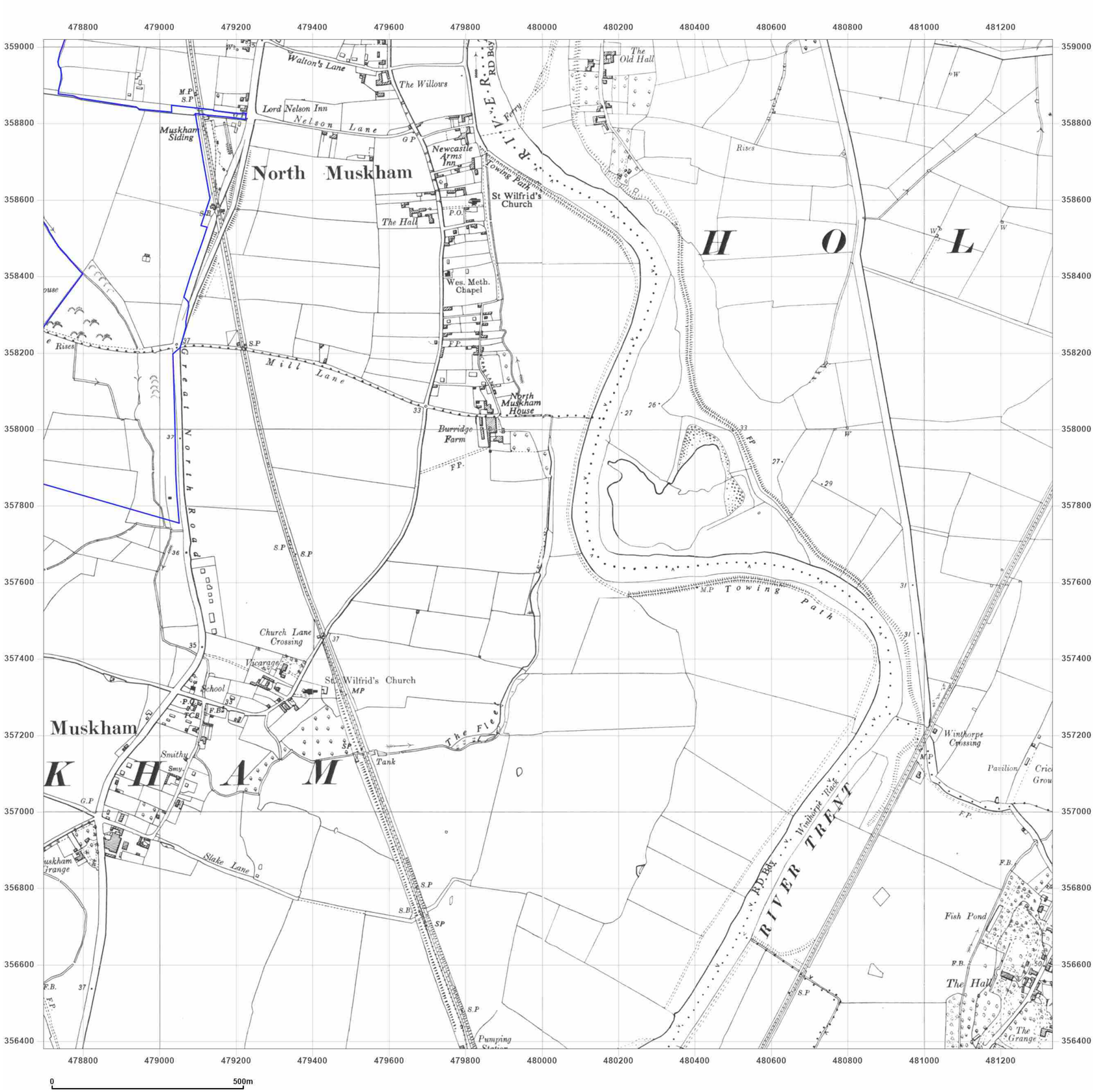
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: Provisional
Map date: **1955**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

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

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

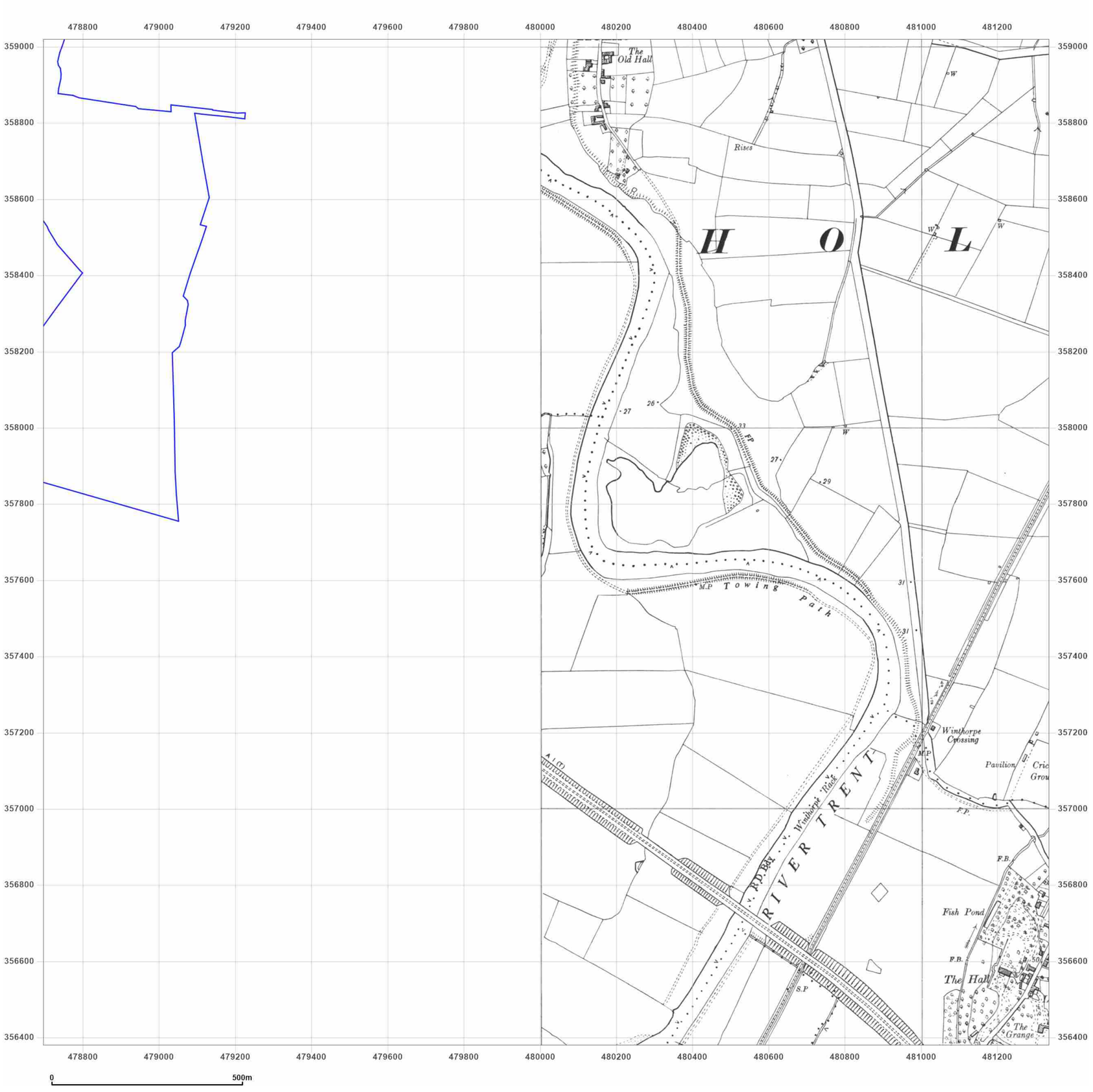
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

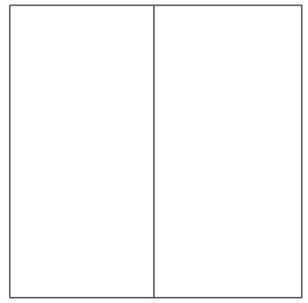
Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: Provisional
Map date: **1969**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S



Surveyed N/A
Revised 1968
Edition 1969
Copyright N/A
Levelled N/A

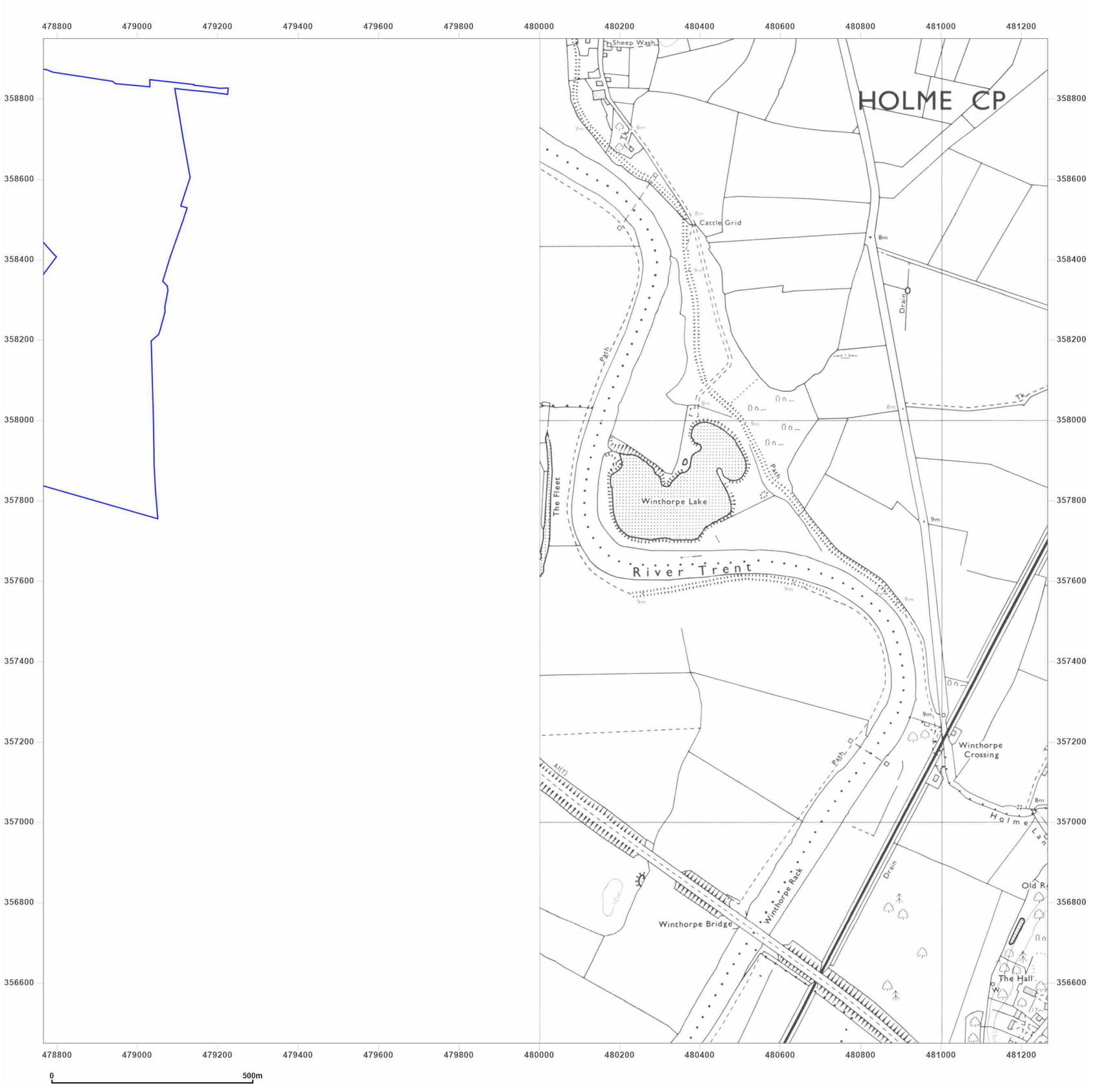
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

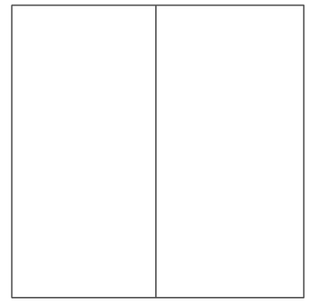
Map Name: National Grid

Map date: **1970**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S



Surveyed 1970
Revised 1970
Edition N/A
Copyright N/A
Levelled N/A

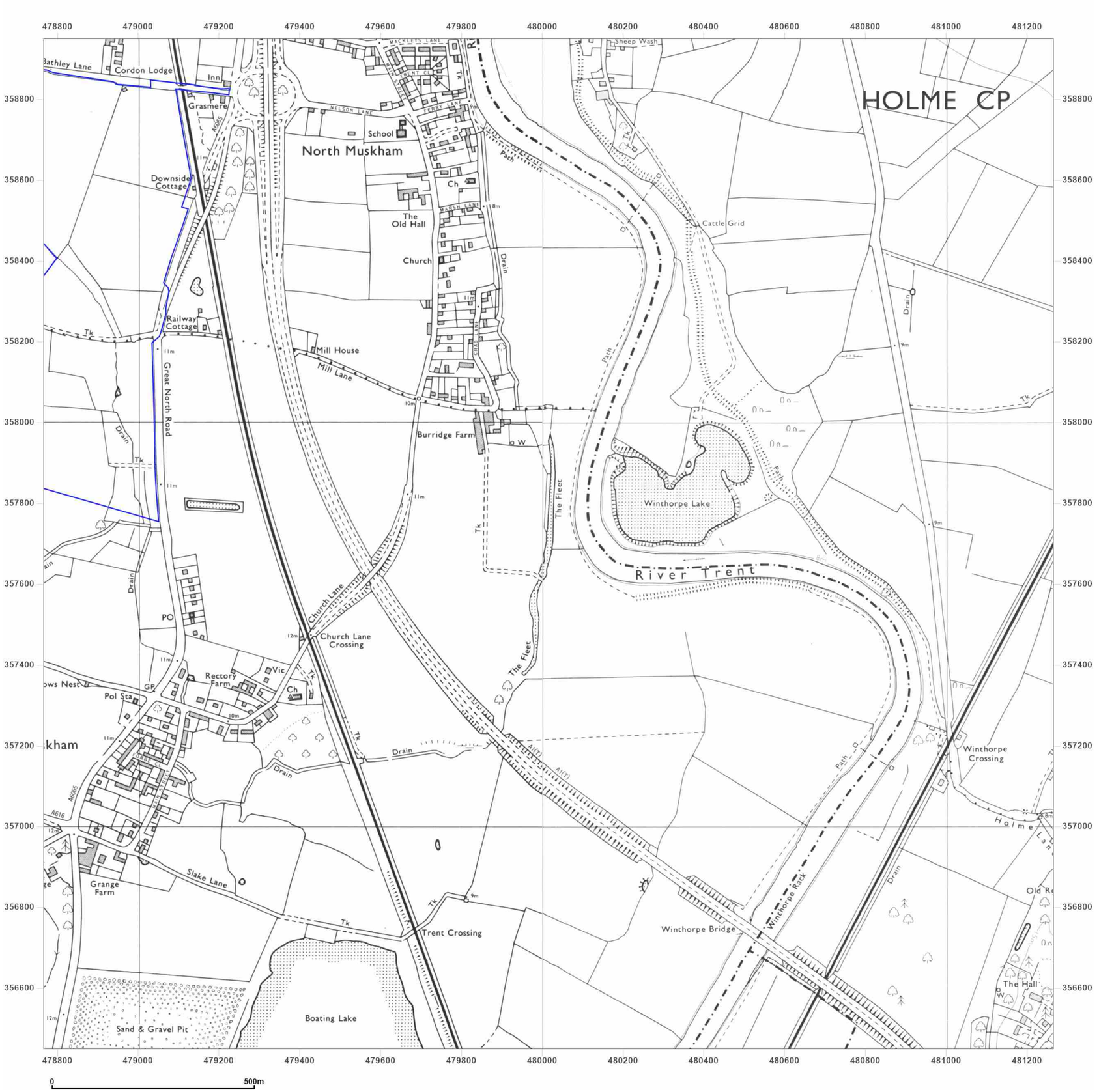
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: National Grid

Map date: **1970-1971**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1971 Revised 1971 Edition N/A Copyright N/A Levelled N/A	Surveyed 1970 Revised 1970 Edition N/A Copyright N/A Levelled N/A

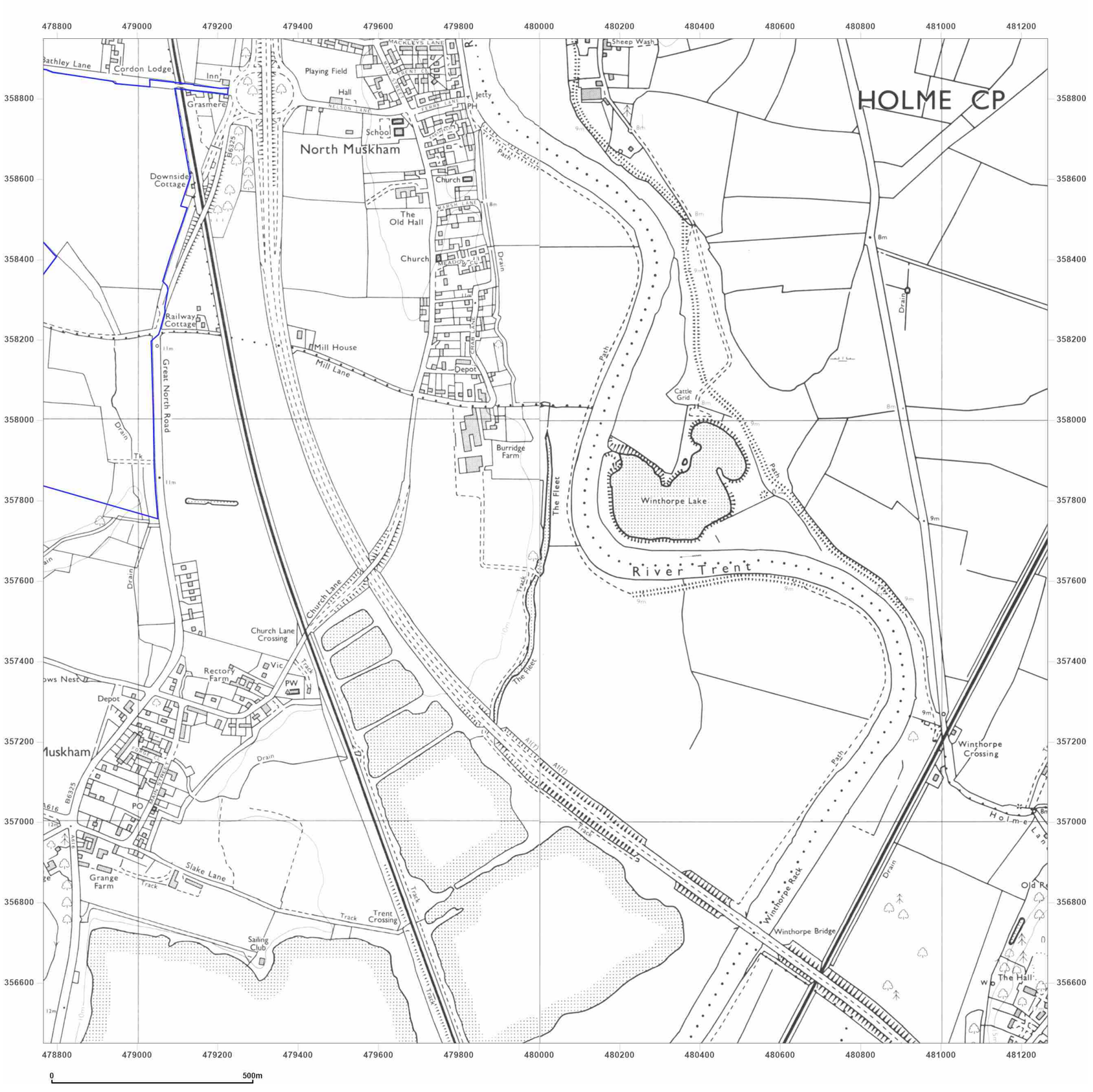
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

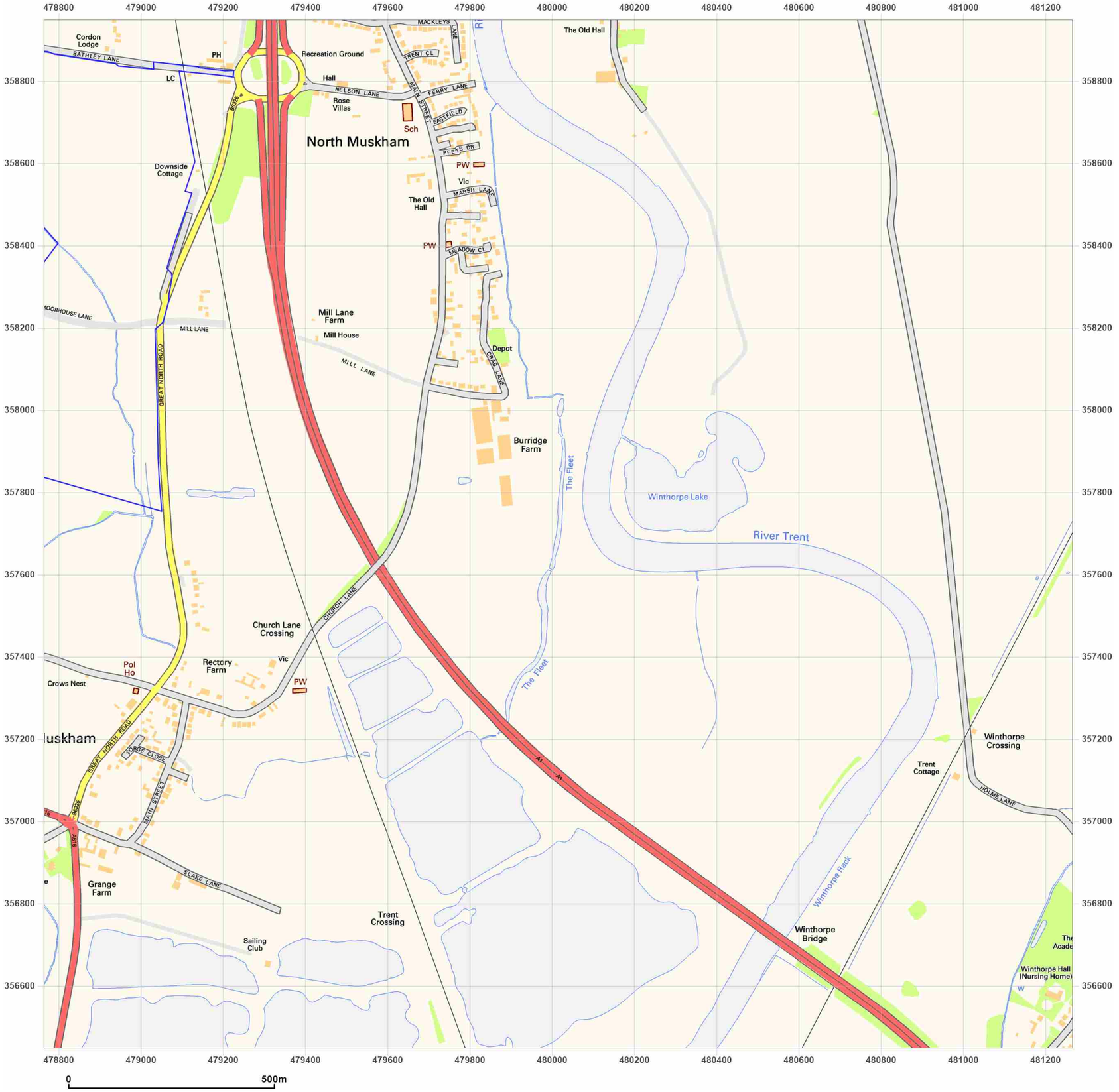
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2010

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Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_1
Grid Ref: 480015, 357699

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

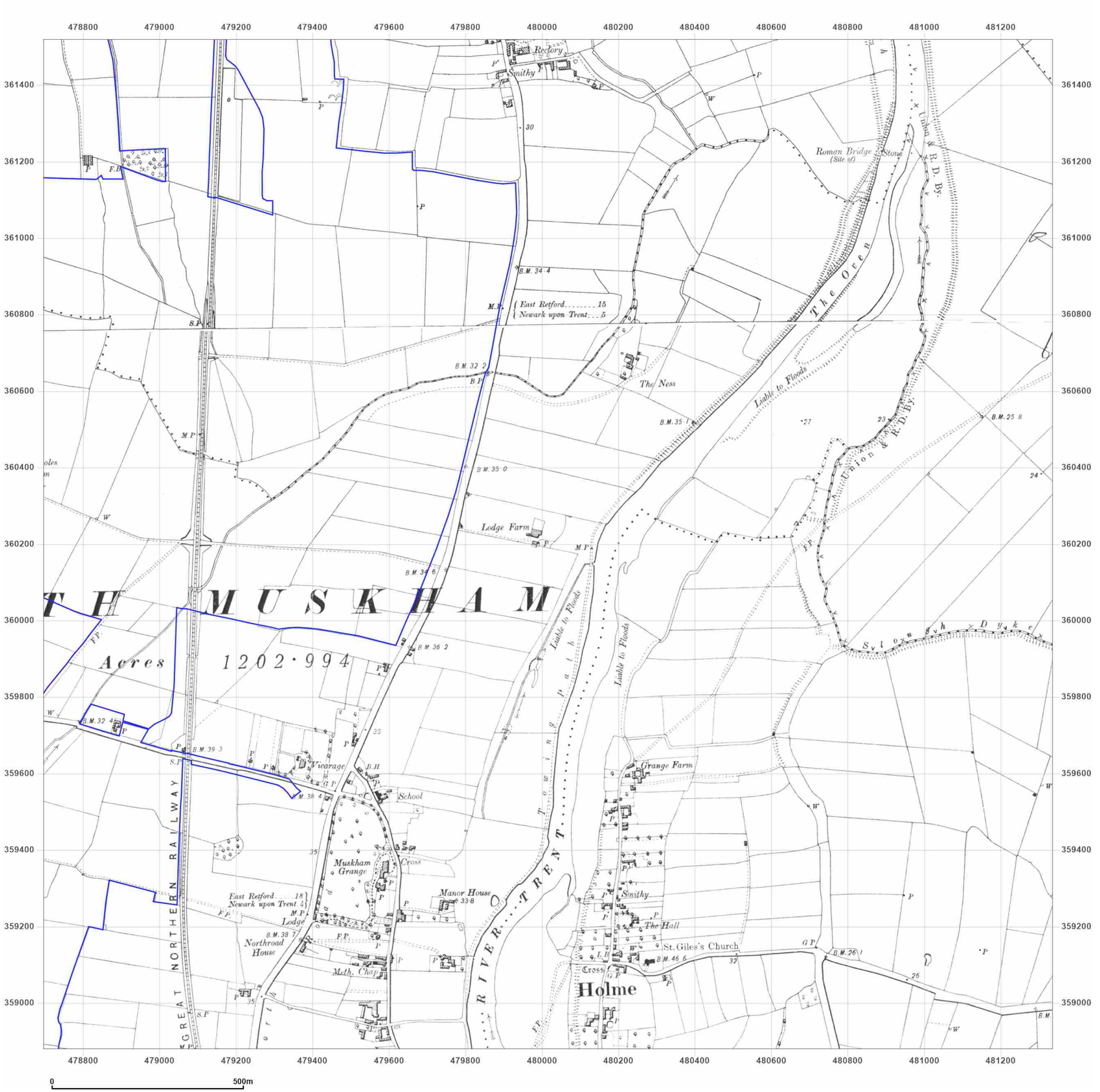
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

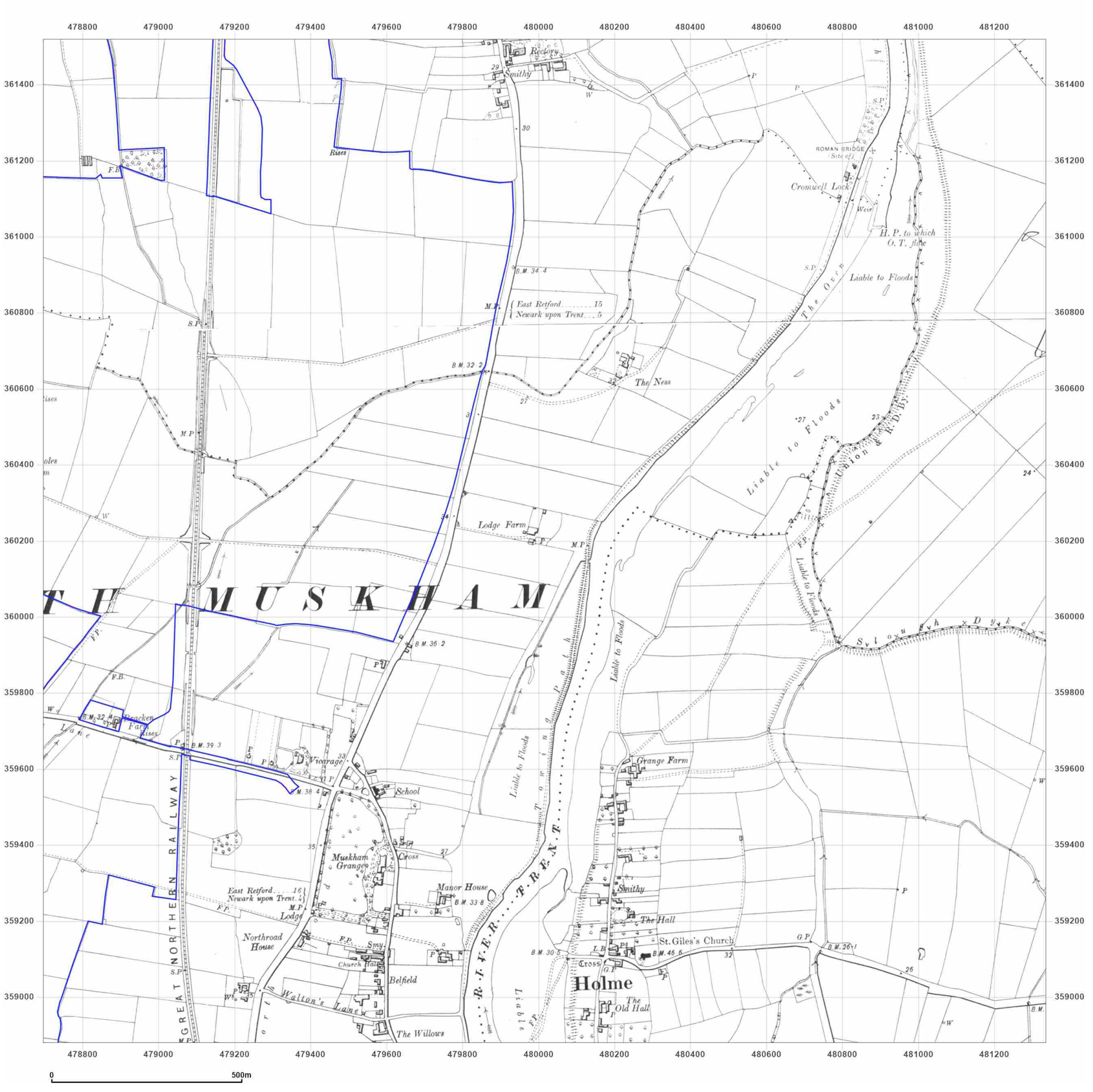
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

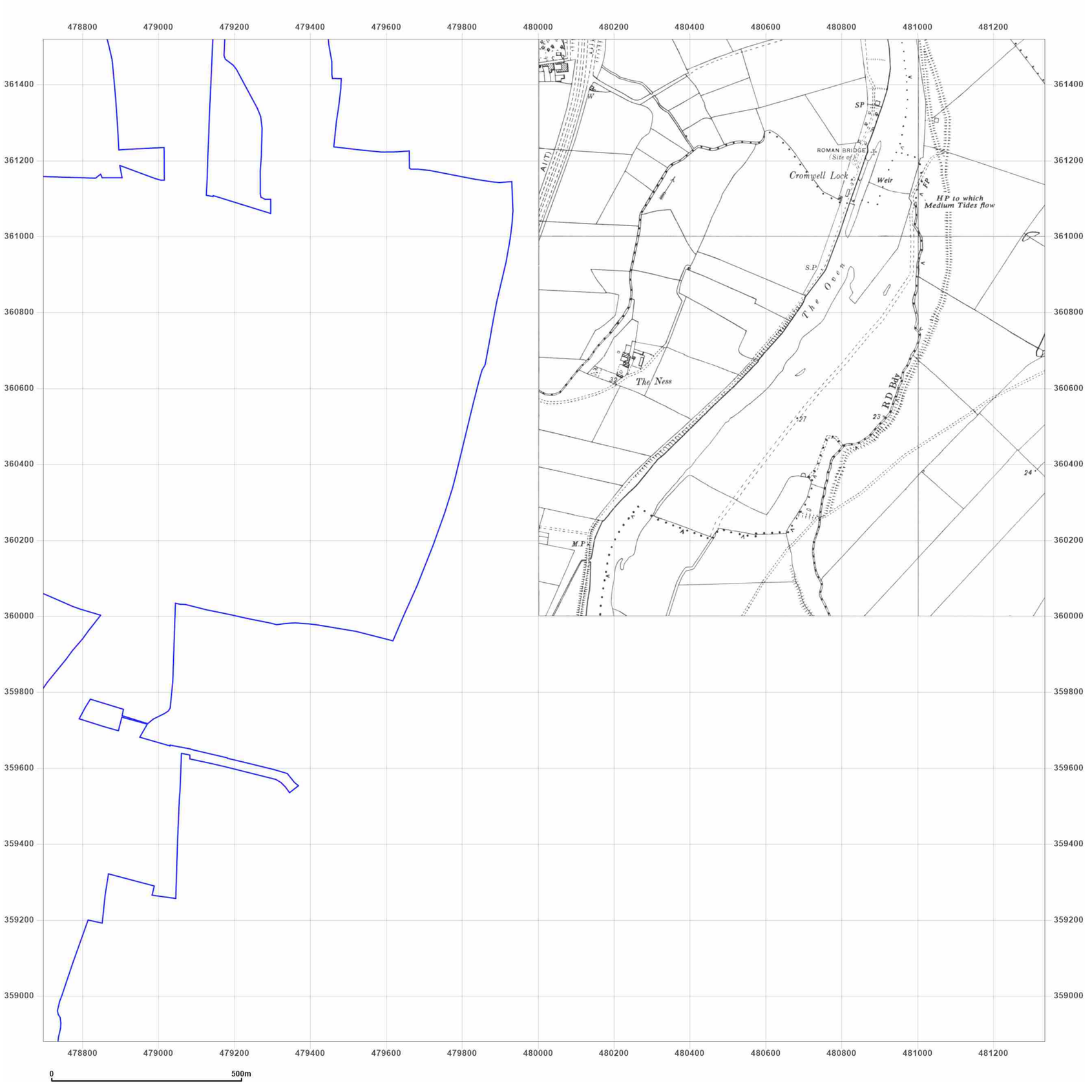
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: Provisional

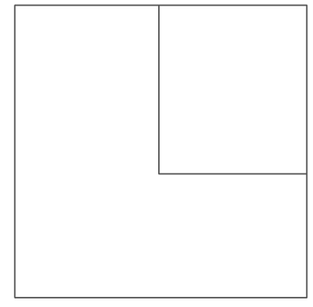
Map date: **1951**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A



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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: Provisional

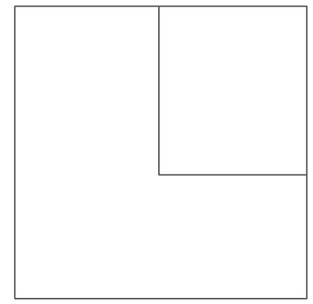
Map date: **1951**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A



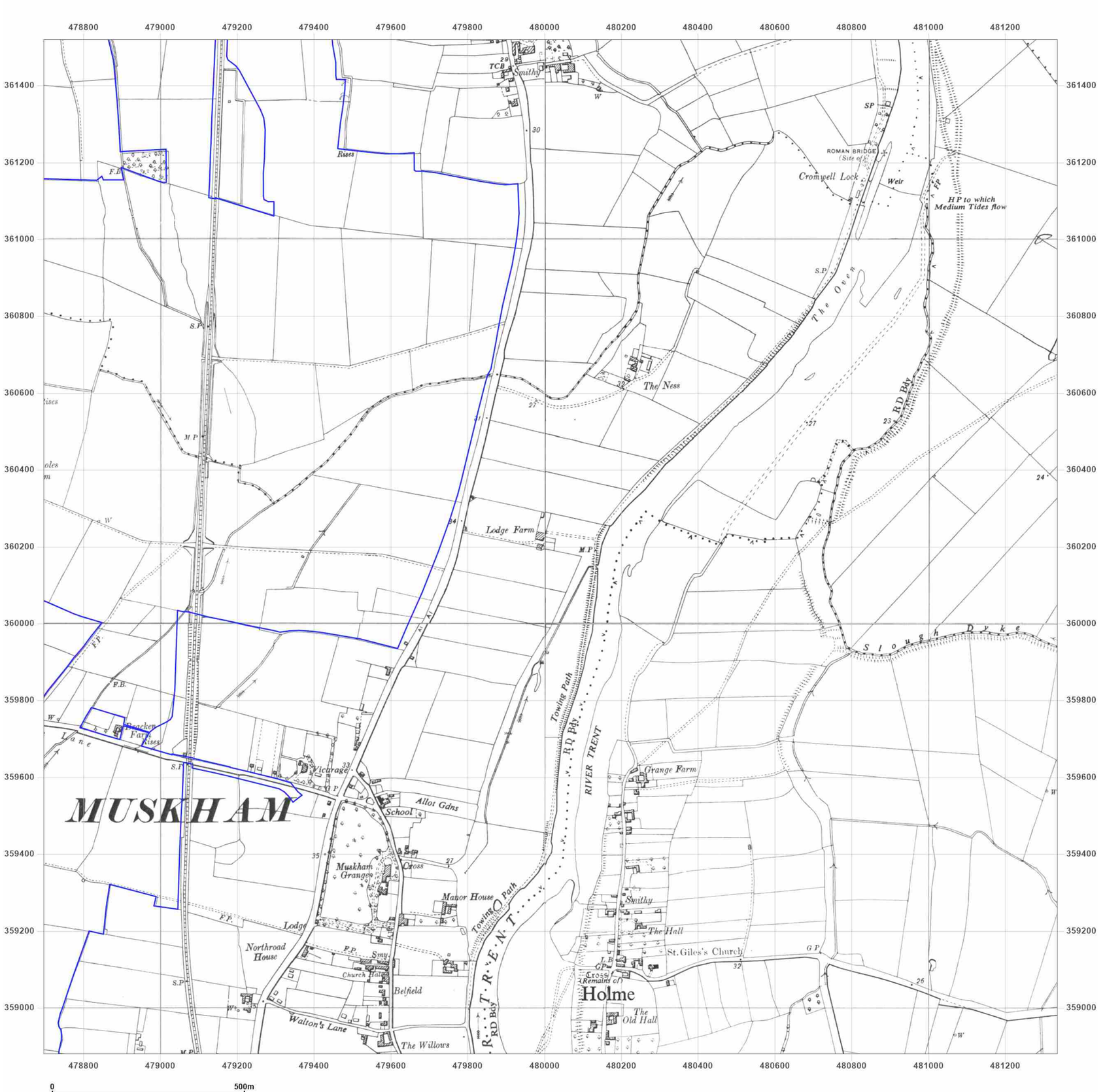
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: Provisional
Map date: **1950-1955**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

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

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A

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

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

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

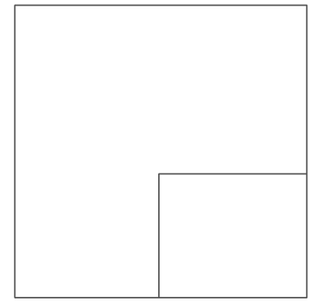
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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: Provisional
Map date: **1969**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S



Surveyed N/A
Revised 1968
Edition 1969
Copyright N/A
Levelled N/A

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

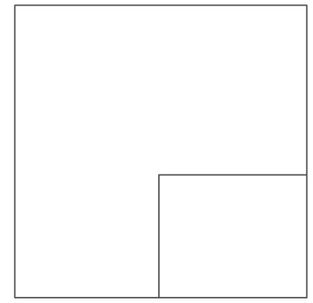
Map Name: National Grid

Map date: **1970**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1970
Revised 1970
Edition N/A
Copyright N/A
Levelled N/A

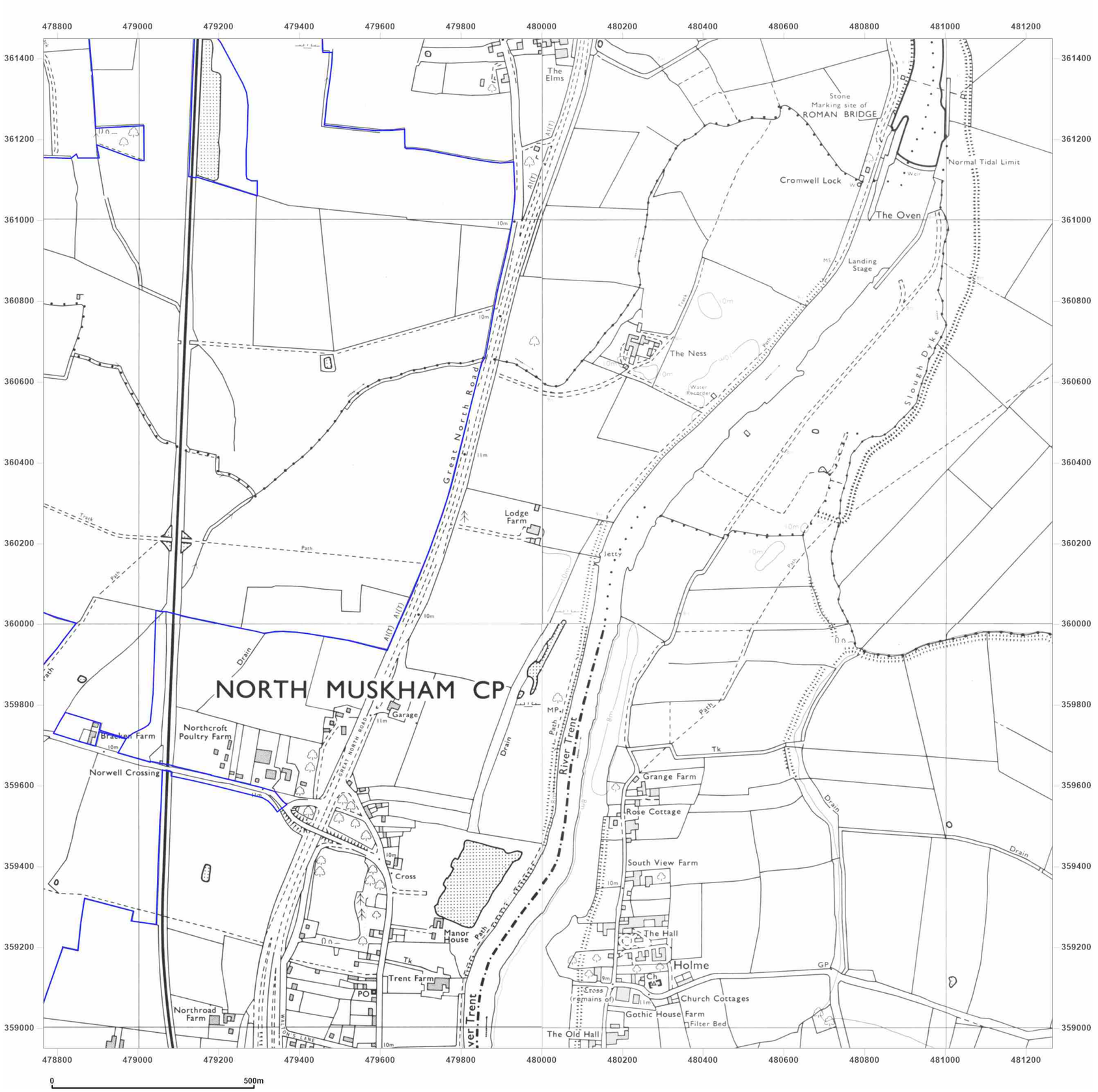
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: National Grid

Map date: **1970-1975**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1970
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1971
Revised 1975
Edition N/A
Copyright N/A
Levelled N/A

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

Surveyed 1970
Revised 1970
Edition N/A
Copyright N/A
Levelled N/A

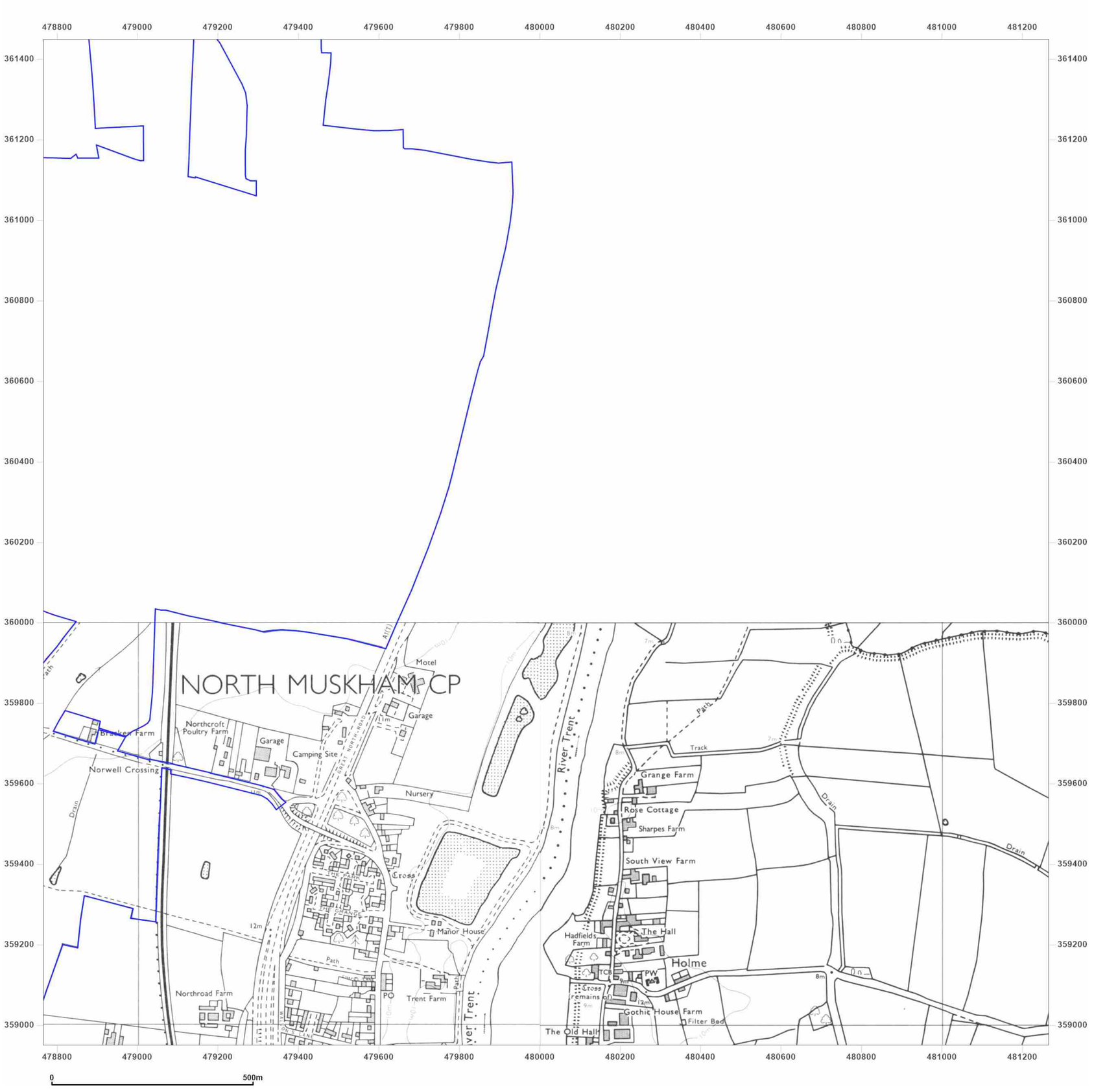
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

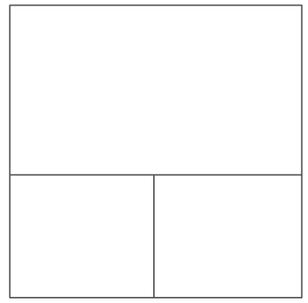
Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S



Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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

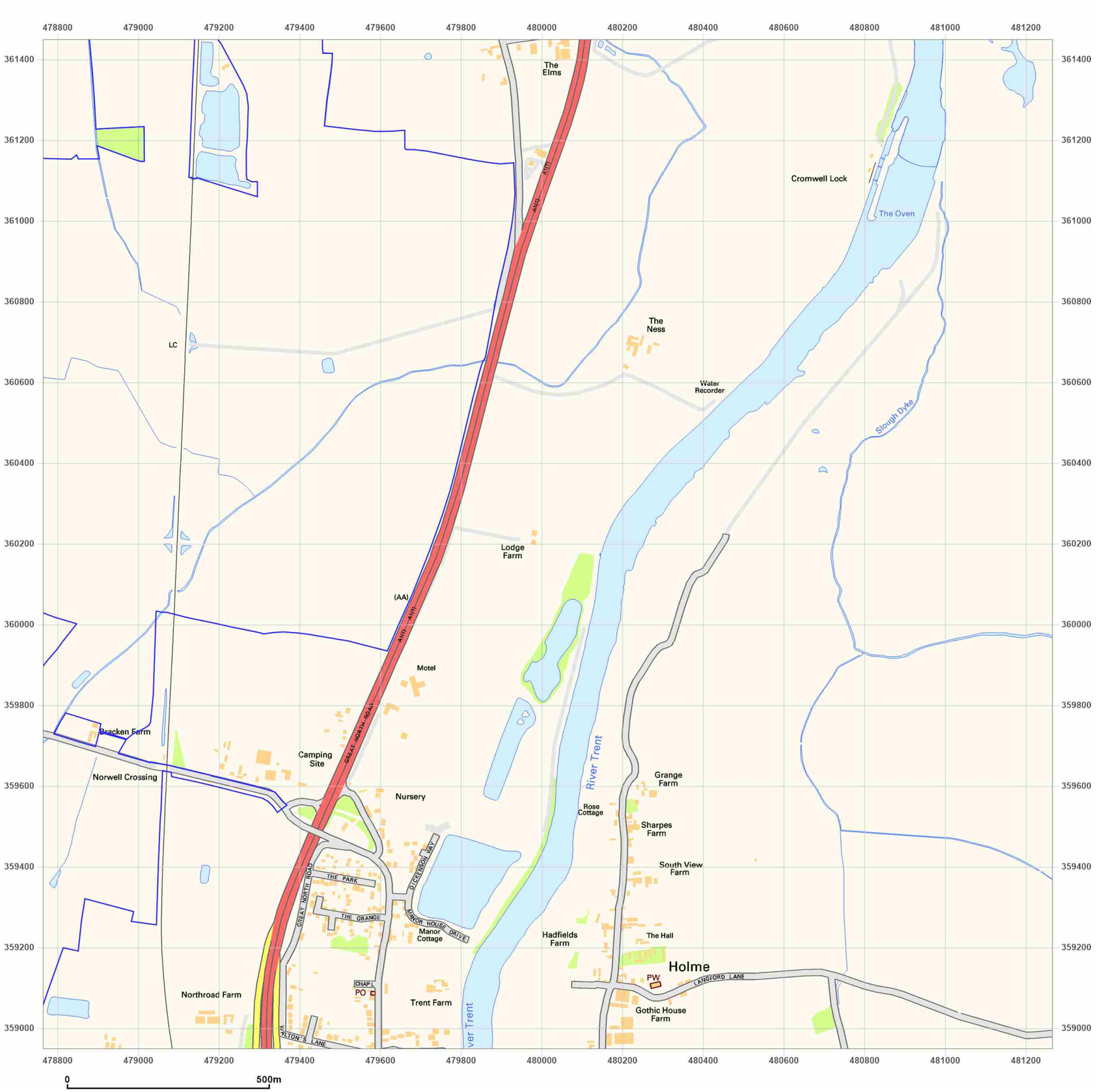
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Production date: 25 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

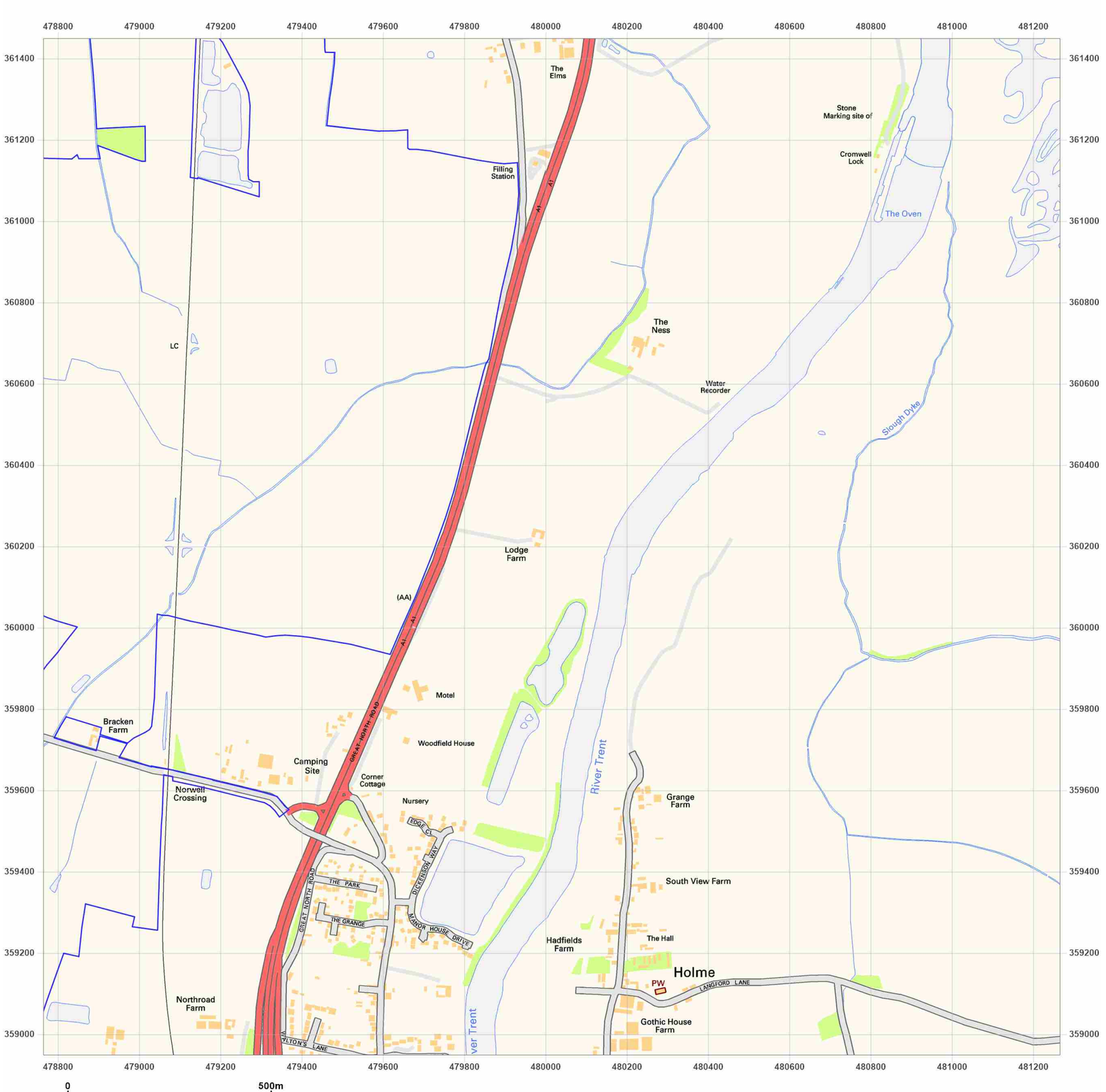
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: National Grid
Map date: **2010**
Scale: 1:10,000
Printed at: 1:10,000

N
W E
S

2010

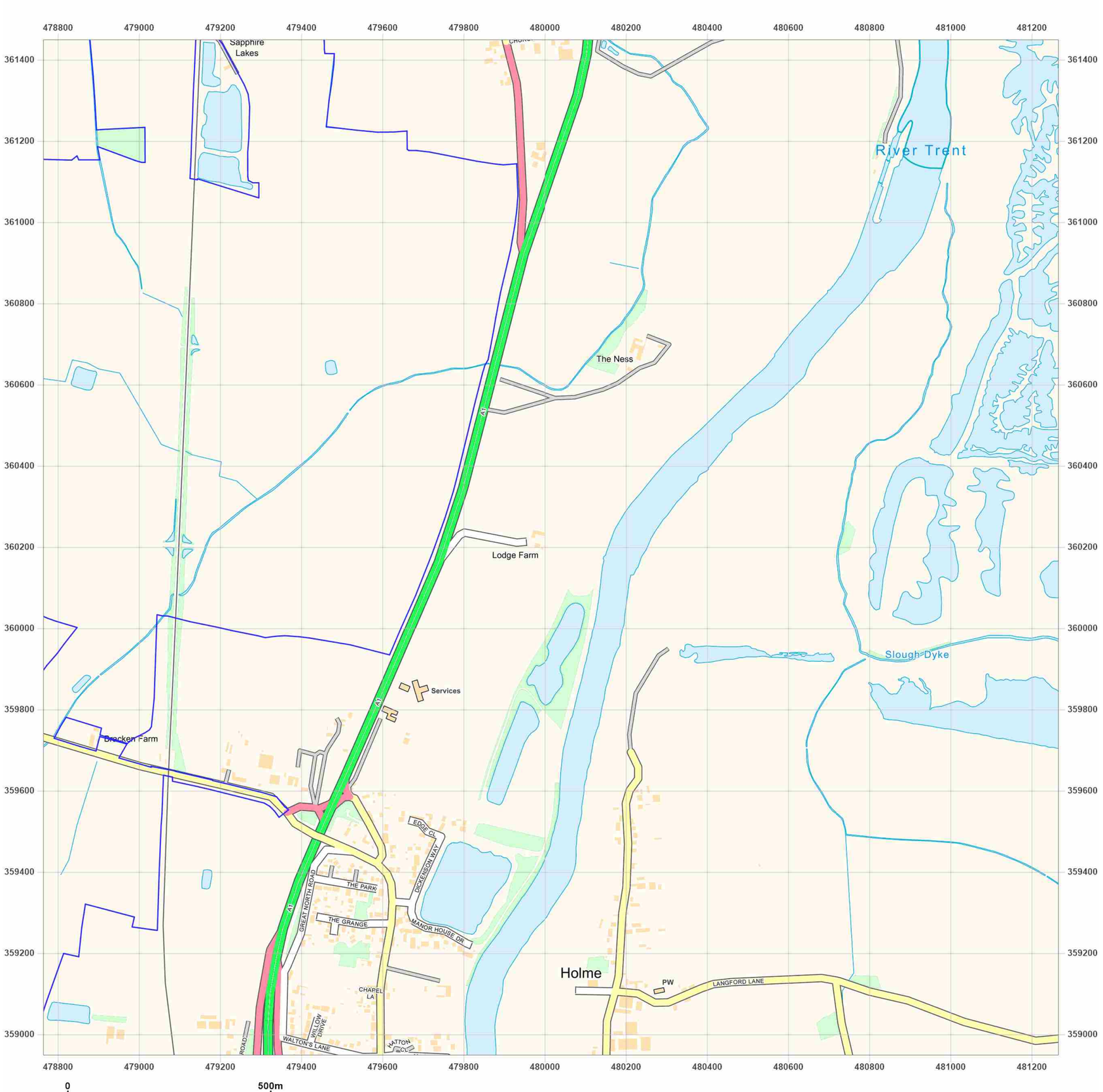
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Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_2
Grid Ref: 480015, 360199

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
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2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

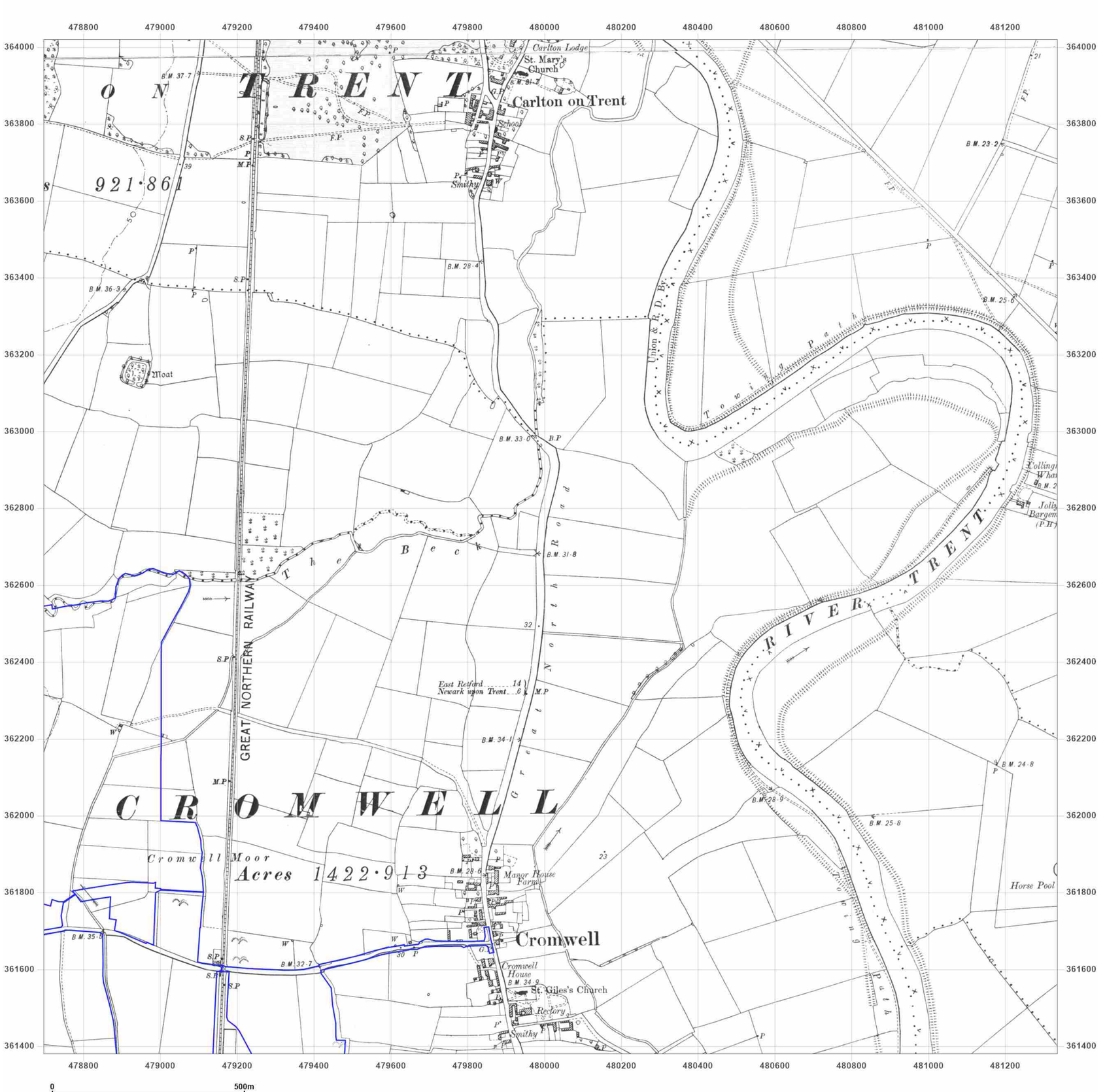
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

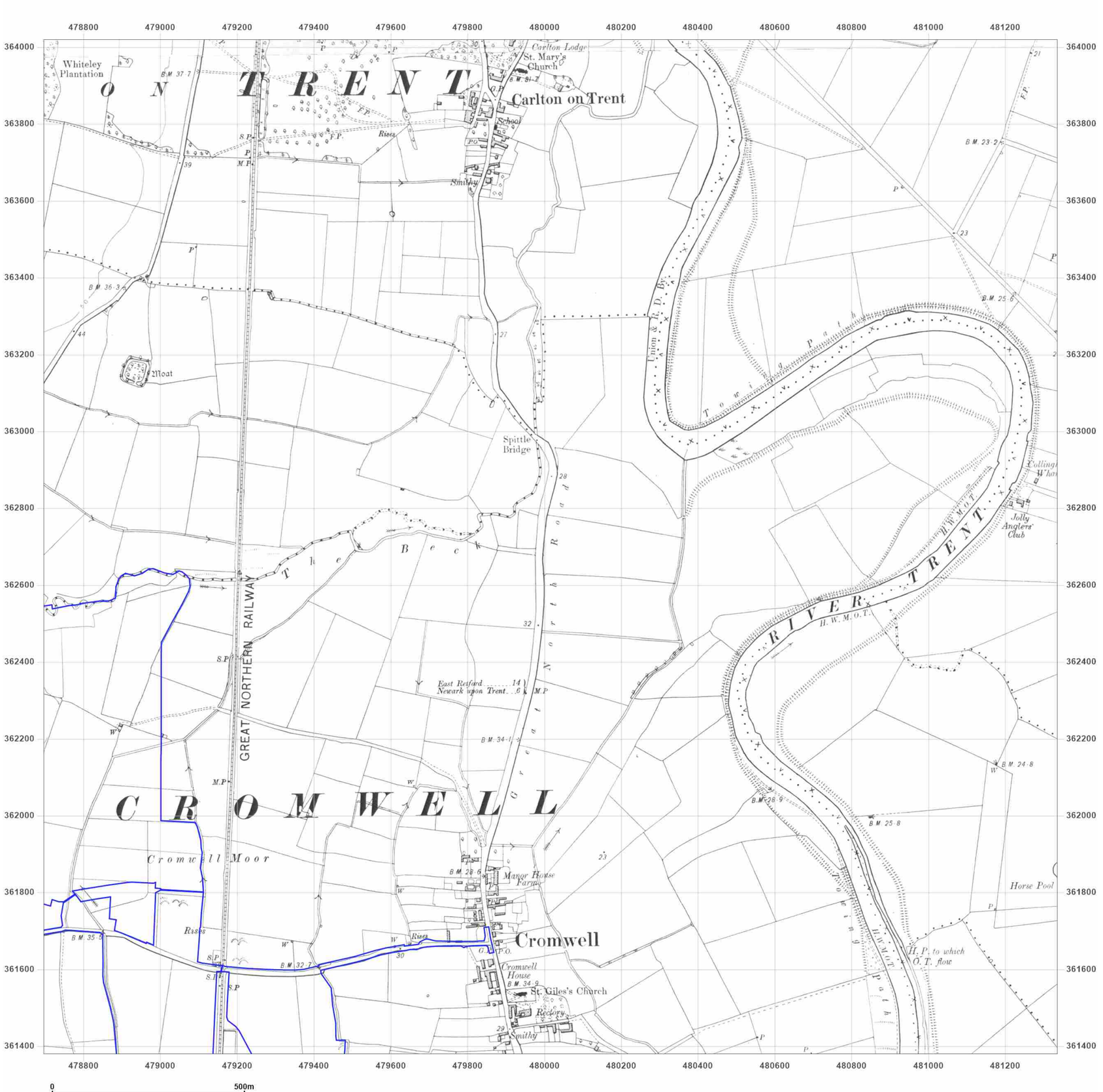
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

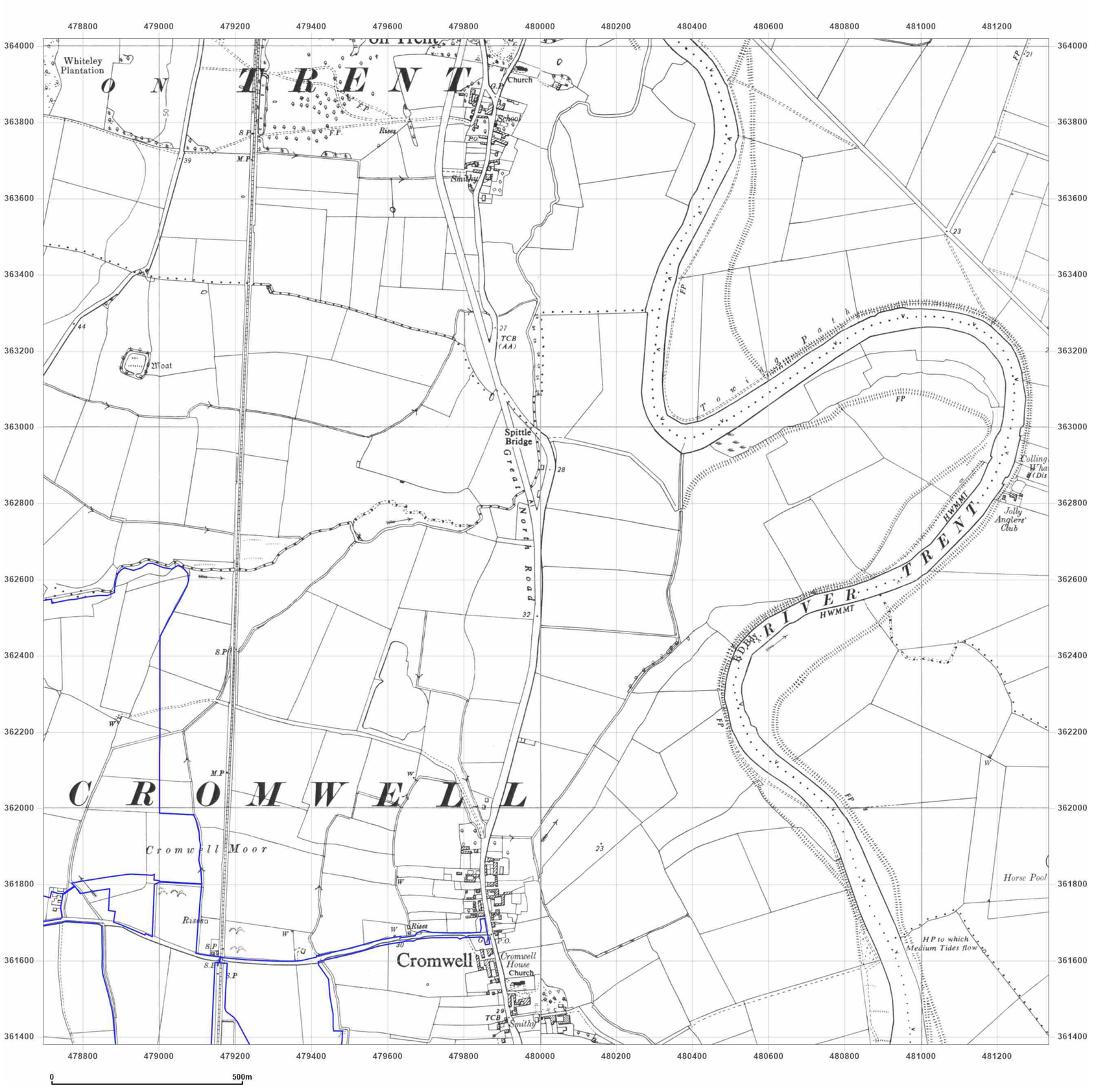
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: Provisional
Map date: **1950-1951**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

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

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: Provisional

Map date: **1951**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: Provisional

Map date: **1951**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled N/A

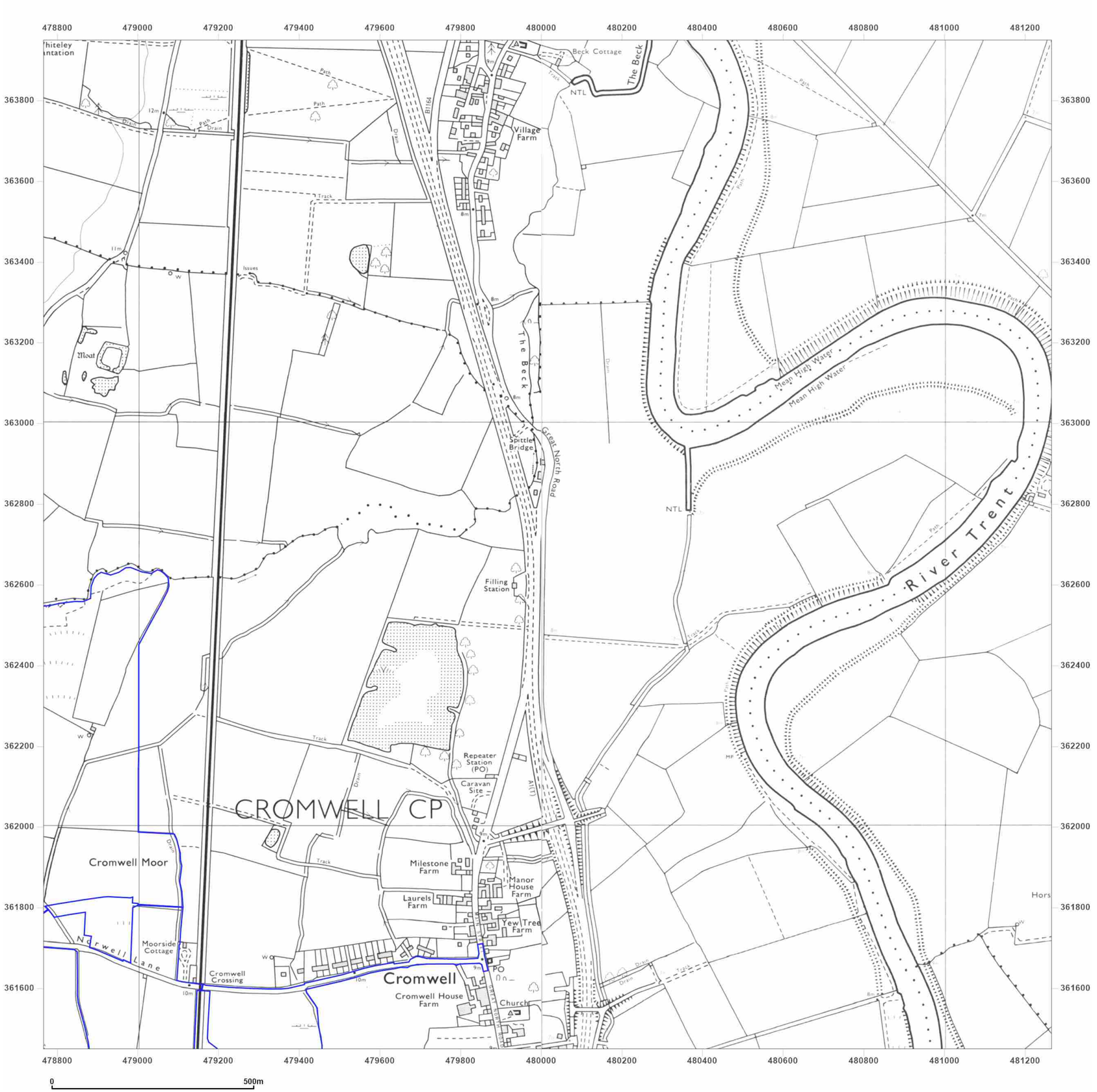
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: National Grid

Map date: **1974-1975**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1970
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1971
Revised 1975
Edition N/A
Copyright N/A
Levelled N/A

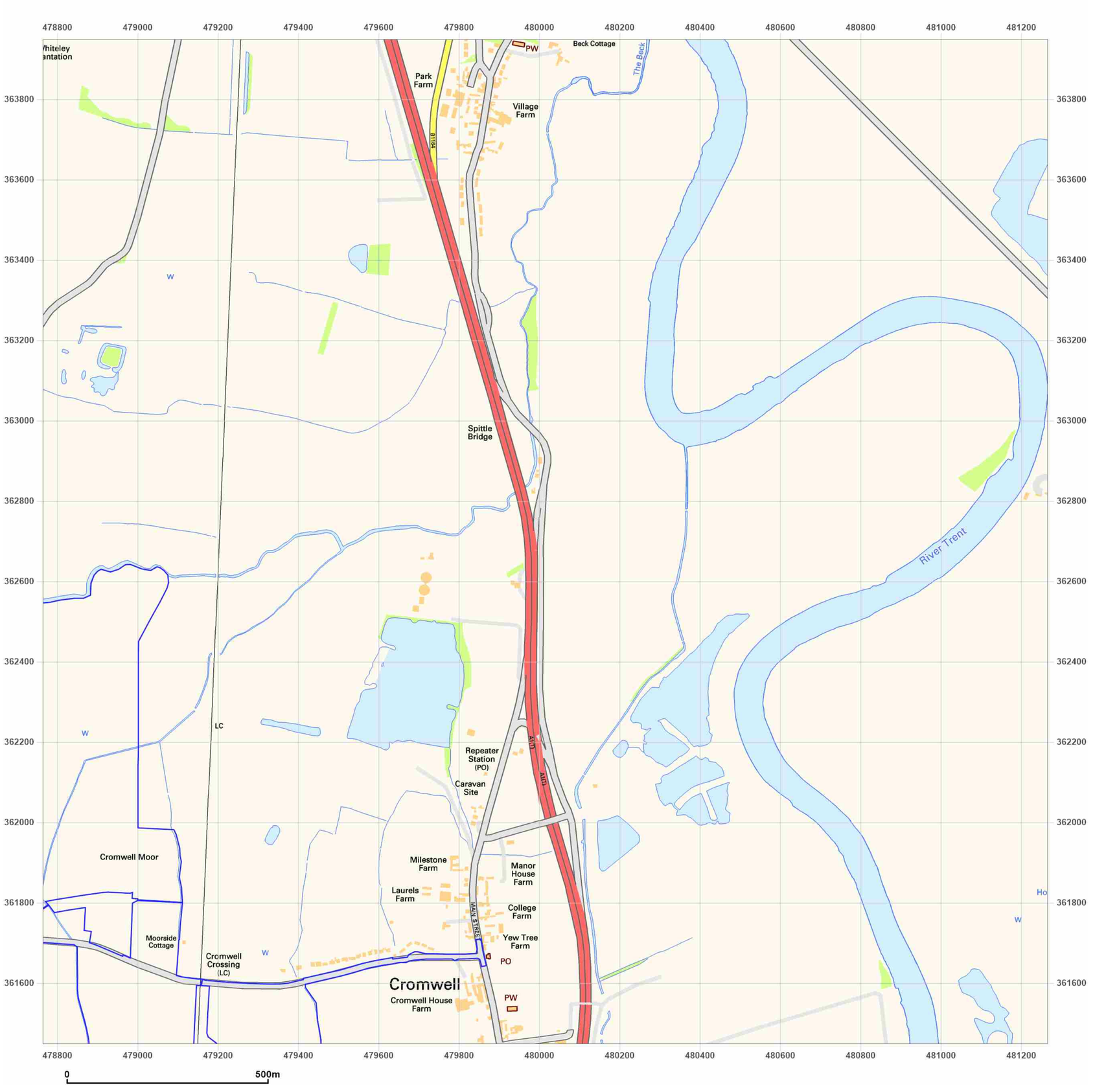
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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

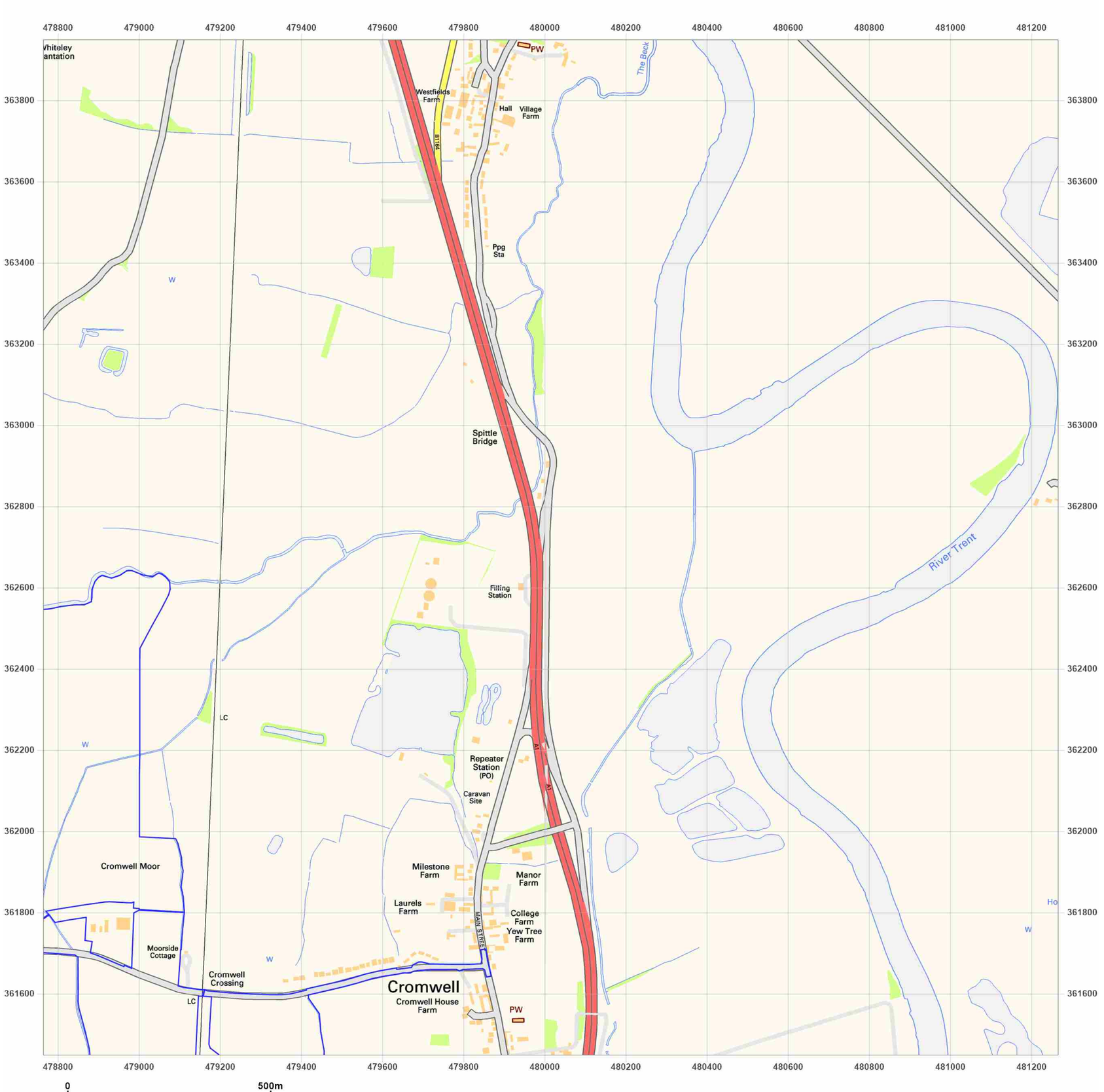
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Production date: 25 October 2024

Map legend available at: [redacted]



Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

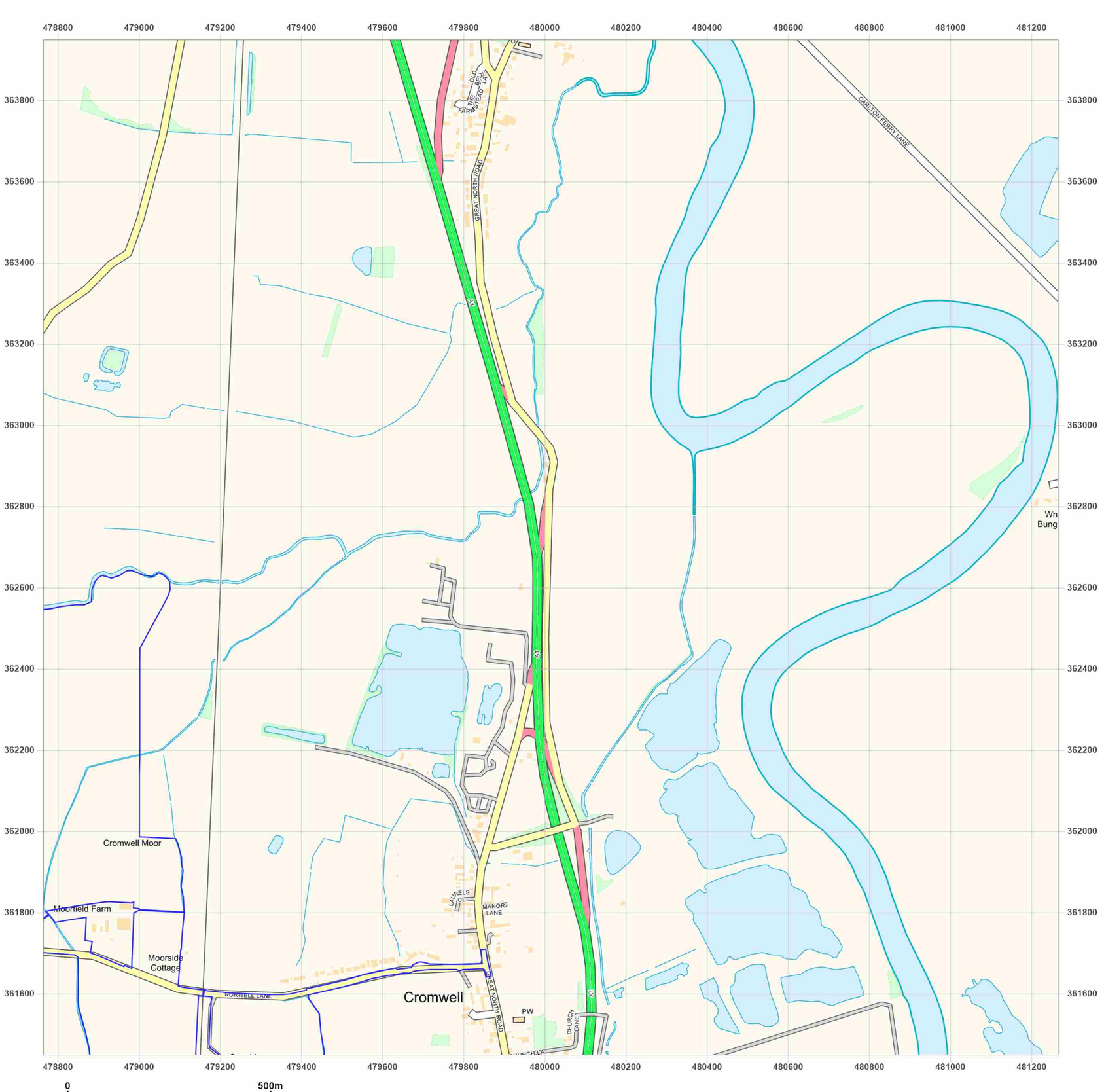
2010

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Production date: 25 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_4_SS_2_3
Grid Ref: 480015, 362699

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2024

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Production date: 25 October 2024

Map legend available at: [redacted]

ANNEX F – GROUNDSURE ENVIRO AND GEO INSIGHT REPORT GSIP-2024-16448-21124_E_1 AND MAP INSIGHT REPORT GSIP-2024-16448-21123_5

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

GNRSP

Order Details

Date: 24/10/2024

Your ref: GNRSP

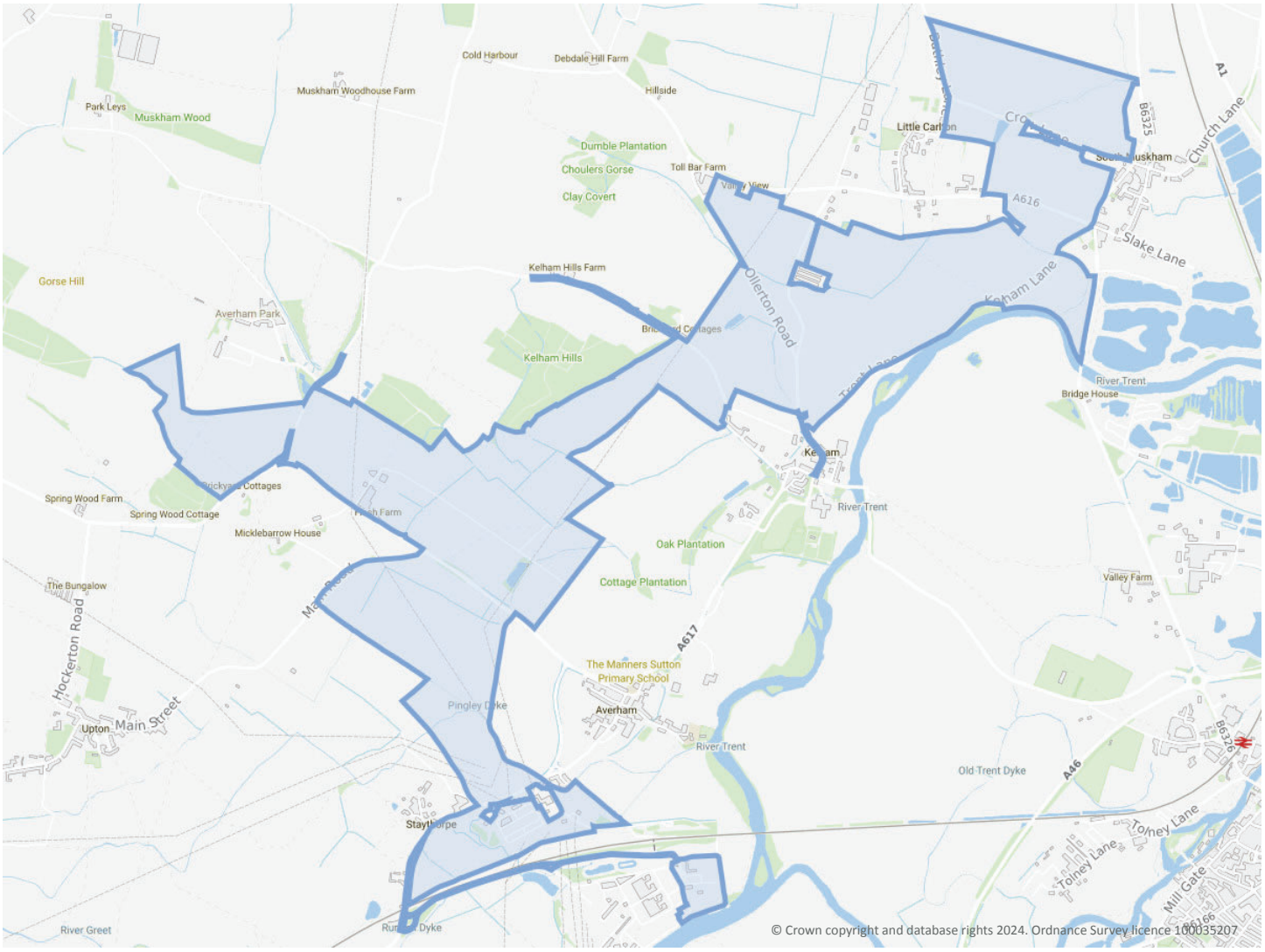
Our Ref: GSIP-2024-16448-21124_E

Site Details

Location: 476454 355557

Area: 459.71 ha

Authority: Newark and Sherwood District Council ↗



Summary of findings p. 2 >

OS MasterMap site plan N/A: >10ha

Aerial image p. 9 >

Insight User Guide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	23	16	69	53	-
20 >	1.2 >	Historical tanks >	6	1	8	1	-
21 >	1.3 >	Historical energy features >	4	1	1	0	-
22	1.4	Historical petrol stations	0	0	0	0	-
22	1.5	Historical garages	0	0	0	0	-
22	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
23 >	2.1 >	Historical industrial land uses >	26	17	78	59	-
30 >	2.2 >	Historical tanks >	6	1	8	1	-
31 >	2.3 >	Historical energy features >	7	1	1	0	-
32	2.4	Historical petrol stations	0	0	0	0	-
32	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
33	3.1	Active or recent landfill	0	0	0	0	-
33 >	3.2 >	Historical landfill (BGS records) >	1	0	0	0	-
34	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
34 >	3.4 >	Historical landfill (EA/NRW records) >	2	1	0	0	-
35 >	3.5 >	Historical waste sites >	1	0	0	0	-
35	3.6	Licensed waste sites	0	0	0	0	-
35 >	3.7 >	Waste exemptions >	9	93	10	104	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
54 >	4.1 >	Recent industrial land uses >	26	23	22	-	-
58 >	4.2 >	Current or recent petrol stations >	0	0	1	0	-
59	4.3	Electricity cables	0	0	0	0	-
59 >	4.4 >	Gas pipelines >	0	0	0	1	-
59	4.5	Sites determined as Contaminated Land	0	0	0	0	-

59	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
60	4.7	Regulated explosive sites	0	0	0	0	-
60 >	4.8 >	Hazardous substance storage/usage >	2	0	0	0	-
60 >	4.9 >	Historical licensed industrial activities (IPC) >	0	2	0	0	-
61 >	4.10 >	Licensed industrial activities (Part A(1)) >	14	0	1	0	-
63 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	1	0	0	0	-
64	4.12	Radioactive Substance Authorisations	0	0	0	0	-
64 >	4.13 >	Licensed Discharges to controlled waters >	4	8	23	9	-
70	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
71	4.15	Pollutant release to public sewer	0	0	0	0	-
71	4.16	List 1 Dangerous Substances	0	0	0	0	-
71 >	4.17 >	List 2 Dangerous Substances >	1	0	0	0	-
71 >	4.18 >	Pollution Incidents (EA/NRW) >	1	2	2	1	-
72 >	4.19 >	Pollution inventory substances >	10	0	0	0	-
76 >	4.20 >	Pollution inventory waste transfers >	2	0	0	0	-
81	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
82 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
84 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
87 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
97	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
97	5.5	Groundwater vulnerability- local information	None (within 0m)				
98 >	5.6 >	Groundwater abstractions >	4	0	3	3	25
106 >	5.7 >	Surface water abstractions >	3	2	4	8	35
116	5.8	Potable abstractions	0	0	0	0	0
117	5.9	Source Protection Zones	0	0	0	0	-
117	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
118 >	6.1 >	Water Network (OS MasterMap) >	124	53	109	-	-

141 >	6.2 >	Surface water features >	1	29	60	-	-
141 >	6.3 >	WFD Surface water body catchments >	4	-	-	-	-
141 >	6.4 >	WFD Surface water bodies >	1	1	1	-	-
142 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
143 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
144 >	7.2 >	Historical Flood Events >	31	24	18	-	-
148 >	7.3 >	Flood Defences >	1	2	0	-	-
149 >	7.4 >	Areas Benefiting from Flood Defences >	4	4	8	-	-
149	7.5	Flood Storage Areas	0	0	0	-	-
150 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
151 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
152 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
154 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
155	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
156	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
156	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
156	10.4	Special Protection Areas (SPA)	0	0	0	0	0
156	10.5	National Nature Reserves (NNR)	0	0	0	0	0
157 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
157 >	10.7 >	Designated Ancient Woodland >	1	0	1	0	3
157	10.8	Biosphere Reserves	0	0	0	0	0
158	10.9	Forest Parks	0	0	0	0	0
158	10.10	Marine Conservation Zones	0	0	0	0	0
158	10.11	Green Belt	0	0	0	0	0
158	10.12	Proposed Ramsar sites	0	0	0	0	0

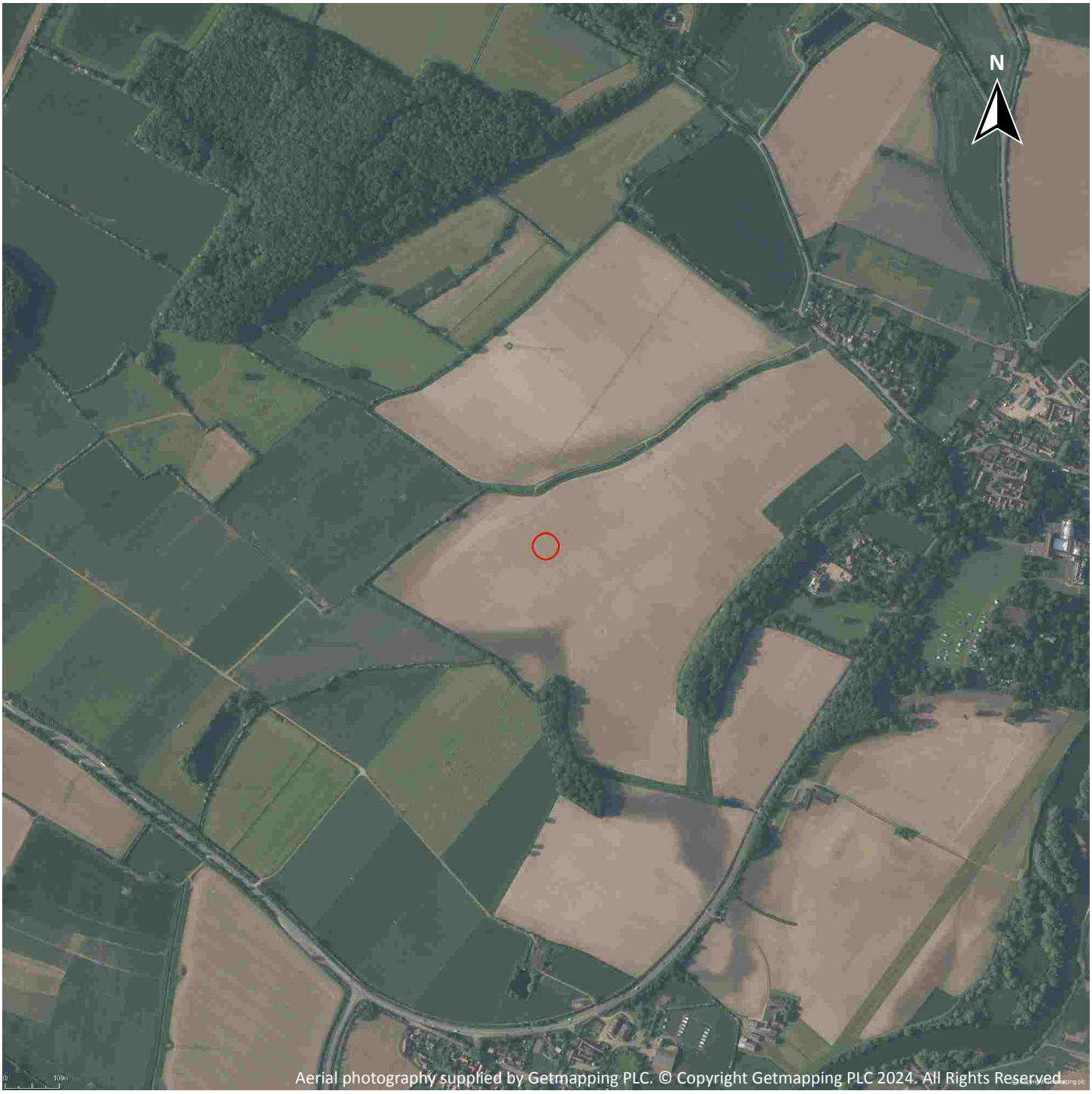
158	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
159	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
159	10.15	Nitrate Sensitive Areas	0	0	0	0	0
159 >	10.16 >	Nitrate Vulnerable Zones >	7	0	0	0	4
161 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
162	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
163	11.1	World Heritage Sites	0	0	0	-	-
164	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
164	11.3	National Parks	0	0	0	-	-
164 >	11.4 >	Listed Buildings >	0	5	14	-	-
165 >	11.5 >	Conservation Areas >	1	0	1	-	-
166 >	11.6 >	Scheduled Ancient Monuments >	0	0	4	-	-
166	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
167 >	12.1 >	Agricultural Land Classification >	Grade 2 (within 250m)				
169	12.2	Open Access Land	0	0	0	-	-
169 >	12.3 >	Tree Felling Licences >	0	2	1	-	-
170 >	12.4 >	Environmental Stewardship Schemes >	11	2	4	-	-
170 >	12.5 >	Countryside Stewardship Schemes >	7	2	5	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
172 >	13.1 >	Priority Habitat Inventory >	13	15	48	-	-
175	13.2	Habitat Networks	0	0	0	-	-
175	13.3	Open Mosaic Habitat	0	0	0	-	-
176	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
177 >	14.1 >	10k Availability >	Identified (within 500m)				
178 >	14.2 >	Artificial and made ground (10k) >	1	2	1	2	-
180 >	14.3 >	Superficial geology (10k) >	6	1	3	1	-

181	14.4	Landslip (10k)	0	0	0	0	-
182 >	14.5 >	Bedrock geology (10k) >	2	0	0	0	-
183	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	**Geology 1:50,000 scale** >	On site	0-50m	50-250m	250-500m	500-2000m
184 >	15.1 >	50k Availability >	Identified (within 500m)				
185 >	15.2 >	Artificial and made ground (50k) >	2	1	0	0	-
186 >	15.3 >	Artificial ground permeability (50k) >	2	1	-	-	-
187 >	15.4 >	Superficial geology (50k) >	10	0	2	2	-
188 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
189	15.6	Landslip (50k)	0	0	0	0	-
189	15.7	Landslip permeability (50k)	None (within 50m)				
190 >	15.8 >	Bedrock geology (50k) >	6	0	4	1	-
191 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
192	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	**Boreholes** >	On site	0-50m	50-250m	250-500m	500-2000m
193 >	16.1 >	BGS Boreholes >	70	16	60	-	-
Page	Section	**Natural ground subsidence** >					
200 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
202 >	17.2 >	Running sands >	Low (within 50m)				
204 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
206 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
208 >	17.5 >	Landslides >	Moderate (within 50m)				
210 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	**Mining and ground workings** >	On site	0-50m	50-250m	250-500m	500-2000m
212 >	18.1 >	BritPits >	2	0	8	3	-
215 >	18.2 >	Surface ground workings >	26	19	68	-	-
219 >	18.3 >	Underground workings >	0	2	11	18	3
221	18.4	Underground mining extents	0	0	0	0	-
221 >	18.5 >	Historical Mineral Planning Areas >	3	2	2	1	-

222	18.6	Non-coal mining	0	0	0	0	0
222	18.7	JPB mining areas	None (within 0m)				
222	18.8	The Coal Authority non-coal mining	0	0	0	0	-
222 >	**18.9 >**	**Researched mining >**	0	0	0	1	-
223	18.10	Mining record office plans	0	0	0	0	-
223	18.11	BGS mine plans	0	0	0	0	-
223	18.12	Coal mining	None (within 0m)				
223	18.13	Brine areas	None (within 0m)				
223	18.14	Gypsum areas	None (within 0m)				
224	18.15	Tin mining	None (within 0m)				
224	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
225	19.1	Natural cavities	0	0	0	0	-
225	19.2	Mining cavities	0	0	0	0	0
225	19.3	Reported recent incidents	0	0	0	0	-
225	19.4	Historical incidents	0	0	0	0	-
226	19.5	National karst database	0	0	0	0	-
Page	Section	**Radon >**					
227 >	**20.1 >**	**Radon >**	Less than 1% (within 0m)				
Page	Section	**Soil chemistry >**	On site	0-50m	50-250m	250-500m	500-2000m
229 >	**21.1 >**	**BGS Estimated Background Soil Chemistry >**	212	40	-	-	-
243	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
243	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	**Railway infrastructure and projects >**	On site	0-50m	50-250m	250-500m	500-2000m
244	22.1	Underground railways (London)	0	0	0	-	-
244	22.2	Underground railways (Non-London)	0	0	0	-	-
245	22.3	Railway tunnels	0	0	0	-	-
245 >	**22.4 >**	**Historical railway and tunnel features >**	5	7	2	-	-
246	22.5	Royal Mail tunnels	0	0	0	-	-

246	22.6	Historical railways	0	0	0	-	-
246 >	**22.7 >**	**Railways >**	3	6	8	-	-
247	22.8	Crossrail 1	0	0	0	0	-
247	22.9	Crossrail 2	0	0	0	0	-
247	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 01/06/2021

Site Area: 459.71ha

Recent site history - 2018 aerial photograph



Capture Date: 15/05/2018

Site Area: 459.71ha

Recent site history - 2013 aerial photograph



Capture Date: 19/07/2013

Site Area: 459.71ha

Recent site history - 2007 aerial photograph



Capture Date: 31/07/2007

Site Area: 459.71ha

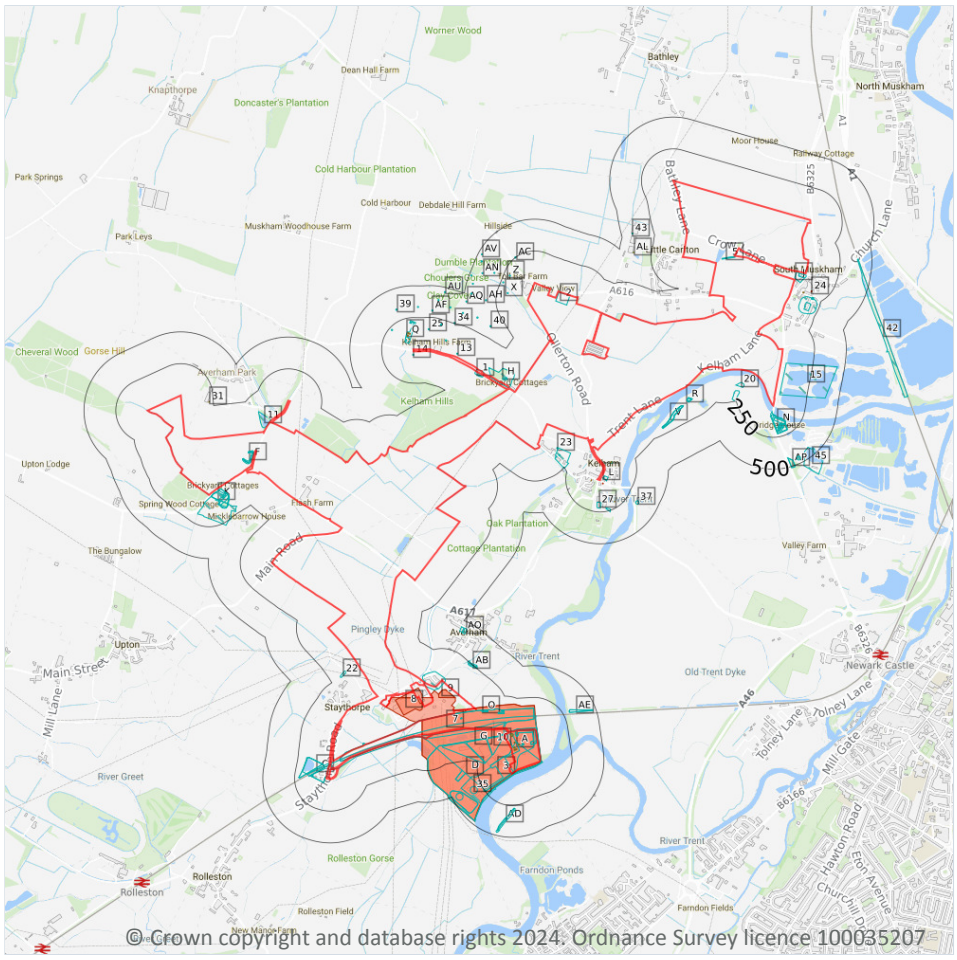
Recent site history - 1999 aerial photograph



Capture Date: 18/06/1999

Site Area: 459.71ha

1 Past land use



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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

1.1 Historical industrial land uses

Records within 500m	161

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**	**Cuttings**	**1955**	**1585146**

ID	Location	Land use	Dates present	Group ID
2	**On site**	**Refuse Tip**	**1970**	**1594529**
3	**On site**	**Unspecified Commercial/Industrial**	**1956**	**1599796**
4	**On site**	**Nursery**	**1992**	**1608488**
5	**On site**	**Unspecified Heap**	**1884**	**1620390**
6	**On site**	**Railway Sidings**	**1956**	**1676053**
7	**On site**	**Railway Sidings**	**1992**	**1690472**
A	**On site**	**Unspecified Tank**	**1972**	**1626391**
A	**On site**	**Unspecified Tank**	**1992**	**1626394**
A	**On site**	**Chimney**	**1972**	**1682868**
A	**On site**	**Chimney**	**1992**	**1721040**
B	**On site**	**Unspecified Tank**	**1992**	**1626395**
C	**On site**	**Railway Sidings**	**1972**	**1635724**
C	**On site**	**Unspecified Works**	**1992**	**1697612**
C	**On site**	**Unspecified Works**	**1972**	**1716563**
D	**On site**	**Power Station**	**1972**	**1639712**
D	**On site**	**Power Station**	**1992**	**1653088**
E	**On site**	**Unspecified Heap**	**1972**	**1649192**
E	**On site**	**Unspecified Heap**	**1992**	**1691617**
F	**On site**	**Unspecified Heap**	**1884**	**1667664**
F	**On site**	**Unspecified Heap**	**1899 - 1950**	**1707543**
G	**On site**	**Railway Sidings**	**1972**	**1774440**
H	**On site**	**Disused Brick Works**	**1921 - 1955**	**1774455**
10	4m S	Unspecified Pit	1972	1604911
11	4m W	Unspecified Pit	1950	1604872
J	8m NE	Unspecified Depot	1992	1598790
J	12m NE	Police Station	1971	1636879
K	13m W	Brick Works	1899	1596746
K	14m W	Disused Brick Works	1921	1684928

ID	Location	Land use	Dates present	Group ID
12	15m W	Disused Brick Works	1950	1667083
K	16m W	Brick Yard	1884	1630585
L	18m E	Smithy	1899 - 1921	1664186
13	23m NW	Oil Bore Hole	1971	1637169
14	23m NW	Oil Bore Hole	1971	1637118
H	26m N	Unspecified Ground Workings	1921	1591855
M	32m SW	Unspecified Pit	1956	1653722
15	37m E	Sand and Gravel Pit	1971	1615013
H	43m N	Unspecified Tank	1921	1626723
N	49m E	Water Works	1884	1615702
M	52m SW	Unspecified Pit	1992	1652431
M	52m SW	Unspecified Pit	1972	1715654
O	55m S	Railway Building	1992	1645928
O	55m S	Railway Building	1972	1662690
P	59m E	Gasometer	1899	1589796
P	59m E	Unspecified Tank	1921	1626724
Q	60m NW	Unspecified Depot	1971	1598813
17	61m S	Railway Building	1992	1631550
K	65m W	Unspecified Ground Workings	1921 - 1950	1664691
N	70m E	Old Water Works	1921 - 1938	1743481
N	73m E	Disused Water Works	1955	1624499
I	75m S	Unspecified Pit	1972	1604913
K	77m W	Unspecified Pit	1884	1604871
K	83m W	Unspecified Pit	1899	1647549
R	84m E	Unspecified Pit	1921	1730040
R	85m E	Unspecified Pit	1938	1687237
Q	87m NW	Oil Bore Hole	1971	1637117
R	89m E	Unspecified Pit	1955	1759419

ID	Location	Land use	Dates present	Group ID
Q	95m NW	Unspecified Tanks	1955	1597310
S	95m NE	Smithy	1955	1695719
N	96m E	Railway Sidings	1938 - 1955	1698232
19	99m NW	Oil Bore Hole	1971	1637168
20	99m E	Unspecified Pit	1971	1605444
K	101m W	Unspecified Pit	1950	1739315
Q	106m NW	Unspecified Tanks	1955	1597311
T	107m SW	Unspecified Tank	1972	1647666
T	107m SW	Unspecified Tank	1992	1695460
21	108m S	Unspecified Pit	1972	1604912
22	109m SW	Unspecified Pits	1899	1634032
U	114m S	Railway Building	1972	1649859
U	114m S	Railway Building	1992	1773022
V	115m E	Unspecified Pit	1921	1705180
V	115m E	Unspecified Pit	1938	1647397
V	116m E	Unspecified Pit	1955	1663551
U	132m S	Railway Building	1972	1649402
U	132m S	Railway Building	1992	1652106
23	135m E	Unspecified Tank	1921 - 1955	1755781
W	140m E	Nursery	1971	1608527
S	142m NE	Smithy	1921 - 1938	1728215
W	150m E	Unspecified Tank	1955	1626727
N	152m E	Unspecified Ground Workings	1938	1643018
25	153m NW	Oil Bore Holes	1971	1598502
N	153m E	Unspecified Heap	1884	1751431
N	154m E	Unspecified Heap	1921	1775250
N	155m E	Unspecified Heap	1955	1662450
N	161m E	Unspecified Ground Workings	1884	1684592

ID	Location	Land use	Dates present	Group ID
X	162m N	Oil Bore Holes	1971	1598610
26	166m E	Unspecified Heap	1971	1620391
W	166m E	Unspecified Tank	1921 - 1955	1762294
X	167m N	Oil Bore Hole	1970	1637162
Y	170m NE	Smithy	1921	1746618
Y	173m NE	Smithy	1938	1705509
27	174m SE	Unspecified Pit	1955	1605443
Y	174m NE	Smithy	1955	1726923
N	174m E	Unspecified Tank	1884	1626288
Y	176m NE	Smithy	1884	1752530
N	186m E	Unspecified Ground Workings	1884	1591375
Z	197m N	Oil Bore Holes	1971	1598608
Z	204m N	Oil Bore Hole	1970	1637164
29	206m NW	Oil Bore Holes	1971	1598618
30	207m NW	Oil Bore Holes	1971	1598503
32	222m NW	Oil Bore Hole	1971	1637116
33	223m SE	Unspecified Heap	1955	1620389
AA	226m N	Oil Bore Holes	1971	1598616
AA	230m N	Oil Bore Hole	1970	1637163
AB	231m S	Unspecified Ground Workings	1956	1591492
AB	237m S	Unspecified Heap	1899	1619980
AC	245m N	Oil Bore Holes	1971	1598609
34	247m N	Oil Bore Holes	1971	1598617
AC	250m N	Oil Bore Hole	1970	1637172
AD	273m S	Unspecified Heap	1884 - 1915	1669409
AD	273m S	Unspecified Heap	1956	1750458
35	292m S	Unspecified Tank	1972	1626393
AE	299m S	Unspecified Pit	1992	1670729

ID	Location	Land use	Dates present	Group ID
AE	299m S	Unspecified Pit	1972	1733152
AF	300m NW	Oil Bore Holes	1971	1598501
AF	305m NW	Oil Bore Hole	1970	1637113
AG	319m N	Oil Bore Holes	1971	1598615
36	321m S	Railway Sidings	1992	1724451
AH	324m N	Oil Bore Holes	1971	1598605
AG	324m N	Oil Bore Hole	1970	1637165
37	328m SE	Unspecified Pit	1921 - 1955	1735800
AH	329m N	Oil Bore Hole	1970	1637161
38	330m NW	Oil Bore Holes	1971	1598504
39	334m NW	Oil Bore Hole	1971	1637115
40	335m N	Oil Bore Hole	1971	1637171
AI	341m N	Oil Bore Holes	1971	1598607
AI	346m N	Oil Bore Hole	1970	1637167
41	347m N	Oil Bore Hole	1971	1637170
AJ	353m S	Unspecified Pit	1992	1645705
AJ	353m S	Unspecified Pit	1972	1714840
AK	355m N	Oil Bore Holes	1971	1598606
AK	361m N	Oil Bore Hole	1970	1637157
AL	385m NE	Unspecified Tank	1970	1626726
42	386m NE	Railway Sidings	1955	1698033
AM	387m NW	Oil Bore Holes	1971	1598500
AM	391m NW	Oil Bore Hole	1970	1637112
AN	405m N	Oil Bore Holes	1971	1598614
AO	407m S	Smithy	1956	1609378
AO	408m S	Smithy	1899 - 1921	1743549
AN	411m N	Oil Bore Hole	1970	1637166
43	411m NE	Sheep Dip	1970	1615296

ID	Location	Land use	Dates present	Group ID
44	417m S	Unspecified Tank	1972	1626392
45	426m E	Sand and Gravel Works	1971	1630379
AP	427m E	Unspecified Pit	1938 - 1955	1674899
AP	430m E	Unspecified Pit	1921	1698367
AQ	435m N	Oil Bore Holes	1971	1598612
AQ	440m N	Oil Bore Hole	1970	1637158
AR	440m N	Oil Bore Holes	1971	1598611
46	442m E	Battery	1992	1618412
AS	444m N	Oil Bore Holes	1971	1598603
AR	445m N	Oil Bore Hole	1970	1637156
AT	445m N	Oil Bore Holes	1971	1598604
AS	451m N	Oil Bore Hole	1970	1637152
AT	451m N	Oil Bore Hole	1970	1637155
AU	459m N	Oil Bore Holes	1971	1598601
AU	463m N	Oil Bore Hole	1970	1637159
AV	468m N	Oil Bore Holes	1971	1598602
AV	472m N	Oil Bore Hole	1970	1637151
AW	479m N	Oil Bore Holes	1971	1598613
AW	484m N	Oil Bore Hole	1970	1637154
47	491m NW	Oil Bore Hole	1970	1637114

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**16**

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 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
A	**On site**	**Tanks**	**1990**	**264343**
A	**On site**	**Unspecified Tanks**	**1969**	**265570**
A	**On site**	**Unspecified Tank**	**1969**	**270261**
A	**On site**	**Unspecified Tank**	**1990**	**271942**
A	**On site**	**Unspecified Tank**	**1990**	**271943**
B	**On site**	**Unspecified Tank**	**1990**	**271944**
16	47m E	Tanks	1970	263776
P	57m E	Unspecified Tank	1885	270259
Q	85m NW	Unspecified Tanks	1970	265574
18	92m NE	Unspecified Tank	1970	270265
Q	111m NW	Unspecified Tanks	1970	265571
Q	121m NW	Unspecified Tanks	1970	265572
Q	127m NW	Unspecified Tanks	1970	265573
28	200m SE	Unspecified Tank	1970	270243
31	214m W	Unspecified Tank	1970	270263
AL	385m NE	Unspecified Tank	1970	270254

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**6**

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 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
8	**On site**	**Power Station**	**1990**	**177984**
9	**On site**	**Power Station**	**1988**	**180884**

ID	Location	Land use	Dates present	Group ID
G	**On site**	**Power Station**	**1969**	**169236**
I	**On site**	**Power Station**	**1990**	**184590**
L	31m E	Electricity Substation	1970	165045
24	145m NE	Electricity Substation	1970	164437

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	**0**

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	**0**

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

This data is sourced from Ordnance Survey / Groundsure.

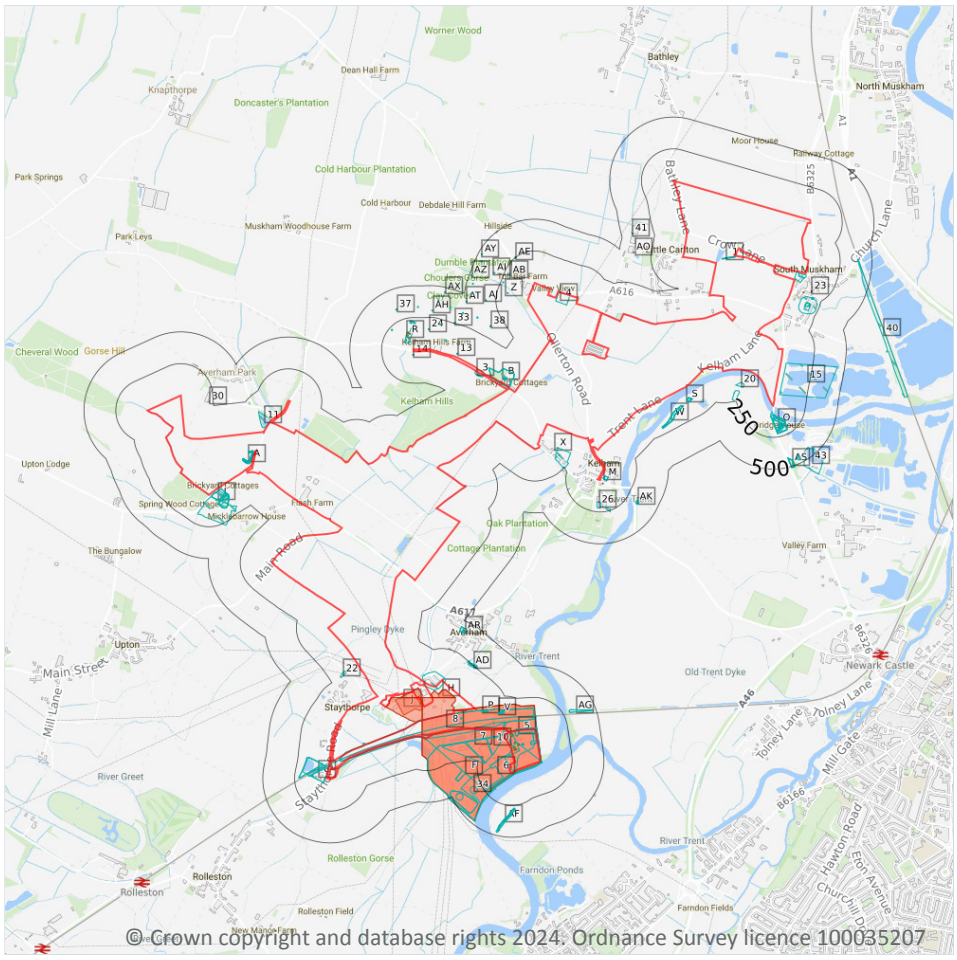
1.6 Historical military land

Records within 500m	**0**

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

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

2 Past land use - un-grouped



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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

2.1 Historical industrial land uses

Records within 500m	180

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 23 >**

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Heap	1884	1620390
2	On site	Nursery	1992	1608488
3	On site	Cuttings	1955	1585146

ID	Location	Land Use	Date	Group ID
4	**On site**	**Refuse Tip**	**1970**	**1594529**
5	**On site**	**Railway Sidings**	**1956**	**1676053**
6	**On site**	**Unspecified Commercial/Industrial**	**1956**	**1599796**
7	**On site**	**Railway Sidings**	**1972**	**1774440**
8	**On site**	**Railway Sidings**	**1992**	**1690472**
A	**On site**	**Unspecified Heap**	**1921**	**1707543**
A	**On site**	**Unspecified Heap**	**1884**	**1667664**
A	**On site**	**Unspecified Heap**	**1950**	**1707543**
A	**On site**	**Unspecified Heap**	**1899**	**1707543**
B	**On site**	**Disused Brick Works**	**1921**	**1774455**
B	**On site**	**Disused Brick Works**	**1955**	**1774455**
C	**On site**	**Unspecified Works**	**1972**	**1716563**
C	**On site**	**Railway Sidings**	**1972**	**1635724**
C	**On site**	**Unspecified Works**	**1992**	**1697612**
D	**On site**	**Chimney**	**1972**	**1682868**
D	**On site**	**Unspecified Tank**	**1972**	**1626391**
D	**On site**	**Chimney**	**1992**	**1721040**
D	**On site**	**Unspecified Tank**	**1992**	**1626394**
E	**On site**	**Unspecified Heap**	**1972**	**1649192**
E	**On site**	**Unspecified Heap**	**1992**	**1691617**
F	**On site**	**Power Station**	**1972**	**1639712**
F	**On site**	**Power Station**	**1992**	**1653088**
G	**On site**	**Unspecified Tank**	**1992**	**1626395**
10	4m S	Unspecified Pit	1972	1604911
11	4m W	Unspecified Pit	1950	1604872
K	8m NE	Unspecified Depot	1992	1598790
K	12m NE	Police Station	1971	1636879
L	13m W	Brick Works	1899	1596746

ID	Location	Land Use	Date	Group ID
L	14m W	Disused Brick Works	1921	1684928
12	15m W	Disused Brick Works	1950	1667083
L	16m W	Brick Yard	1884	1630585
M	18m E	Smithy	1921	1664186
M	18m E	Smithy	1899	1664186
13	23m NW	Oil Bore Hole	1971	1637169
14	23m NW	Oil Bore Hole	1971	1637118
B	26m N	Unspecified Ground Workings	1921	1591855
N	32m SW	Unspecified Pit	1956	1653722
15	37m E	Sand and Gravel Pit	1971	1615013
B	43m N	Unspecified Tank	1921	1626723
O	49m E	Water Works	1884	1615702
N	52m SW	Unspecified Pit	1972	1715654
N	52m SW	Unspecified Pit	1992	1652431
P	55m S	Railway Building	1972	1662690
P	55m S	Railway Building	1992	1645928
Q	59m E	Unspecified Tank	1921	1626724
Q	59m E	Gasometer	1899	1589796
R	60m NW	Unspecified Depot	1971	1598813
17	61m S	Railway Building	1992	1631550
L	65m W	Unspecified Ground Workings	1921	1664691
O	70m E	Old Water Works	1921	1743481
O	73m E	Disused Water Works	1955	1624499
I	75m S	Unspecified Pit	1972	1604913
L	76m W	Unspecified Ground Workings	1950	1664691
O	76m E	Old Water Works	1938	1743481
L	77m W	Unspecified Pit	1884	1604871
L	83m W	Unspecified Pit	1899	1647549

ID	Location	Land Use	Date	Group ID
S	84m E	Unspecified Pit	1921	1730040
S	84m E	Unspecified Pit	1921	1730040
S	85m E	Unspecified Pit	1938	1687237
R	87m NW	Oil Bore Hole	1971	1637117
S	89m E	Unspecified Pit	1955	1759419
R	95m NW	Unspecified Tanks	1955	1597310
T	95m NE	Smithy	1955	1695719
O	96m E	Railway Sidings	1938	1698232
O	96m E	Railway Sidings	1955	1698232
19	99m NW	Oil Bore Hole	1971	1637168
20	99m E	Unspecified Pit	1971	1605444
L	101m W	Unspecified Pit	1950	1739315
R	106m NW	Unspecified Tanks	1955	1597311
U	107m SW	Unspecified Tank	1972	1647666
U	107m SW	Unspecified Tank	1992	1695460
21	108m S	Unspecified Pit	1972	1604912
22	109m SW	Unspecified Pits	1899	1634032
V	114m S	Railway Building	1972	1649859
V	114m S	Railway Building	1992	1773022
W	115m E	Unspecified Pit	1921	1705180
W	115m E	Unspecified Pit	1921	1705180
W	115m E	Unspecified Pit	1938	1647397
W	116m E	Unspecified Pit	1955	1663551
V	132m S	Railway Building	1972	1649402
V	132m S	Railway Building	1992	1652106
X	135m E	Unspecified Tank	1955	1755781
X	138m E	Unspecified Tank	1921	1755781
Y	140m E	Nursery	1971	1608527

ID	Location	Land Use	Date	Group ID
T	142m NE	Smithy	1938	1728215
T	144m NE	Smithy	1921	1728215
Y	150m E	Unspecified Tank	1955	1626727
O	152m E	Unspecified Ground Workings	1938	1643018
24	153m NW	Oil Bore Holes	1971	1598502
O	153m E	Unspecified Heap	1884	1751431
O	154m E	Unspecified Heap	1921	1775250
O	154m E	Unspecified Heap	1921	1775250
O	155m E	Unspecified Heap	1955	1662450
O	161m E	Unspecified Ground Workings	1884	1684592
Z	162m N	Oil Bore Holes	1971	1598610
25	166m E	Unspecified Heap	1971	1620391
Y	166m E	Unspecified Tank	1955	1762294
Z	167m N	Oil Bore Hole	1970	1637162
Y	168m E	Unspecified Tank	1921	1762294
AA	170m NE	Smithy	1921	1746618
AA	173m NE	Smithy	1938	1705509
26	174m SE	Unspecified Pit	1955	1605443
AA	174m NE	Smithy	1955	1726923
O	174m E	Unspecified Tank	1884	1626288
AA	176m NE	Smithy	1884	1752530
O	186m E	Unspecified Ground Workings	1884	1591375
AB	197m N	Oil Bore Holes	1971	1598608
AB	204m N	Oil Bore Hole	1970	1637164
28	206m NW	Oil Bore Holes	1971	1598618
29	207m NW	Oil Bore Holes	1971	1598503
31	222m NW	Oil Bore Hole	1971	1637116
32	223m SE	Unspecified Heap	1955	1620389

ID	Location	Land Use	Date	Group ID
AC	226m N	Oil Bore Holes	1971	1598616
AC	230m N	Oil Bore Hole	1970	1637163
AD	231m S	Unspecified Ground Workings	1956	1591492
AD	237m S	Unspecified Heap	1899	1619980
AE	245m N	Oil Bore Holes	1971	1598609
33	247m N	Oil Bore Holes	1971	1598617
AE	250m N	Oil Bore Hole	1970	1637172
AF	273m S	Unspecified Heap	1884	1669409
AF	273m S	Unspecified Heap	1899	1669409
AF	273m S	Unspecified Heap	1915	1669409
AF	273m S	Unspecified Heap	1956	1750458
34	292m S	Unspecified Tank	1972	1626393
AG	299m S	Unspecified Pit	1972	1733152
AG	299m S	Unspecified Pit	1992	1670729
AH	300m NW	Oil Bore Holes	1971	1598501
AH	305m NW	Oil Bore Hole	1970	1637113
AI	319m N	Oil Bore Holes	1971	1598615
35	321m S	Railway Sidings	1992	1724451
AJ	324m N	Oil Bore Holes	1971	1598605
AI	324m N	Oil Bore Hole	1970	1637165
AK	328m SE	Unspecified Pit	1955	1735800
AJ	329m N	Oil Bore Hole	1970	1637161
36	330m NW	Oil Bore Holes	1971	1598504
AK	332m SE	Unspecified Pit	1921	1735800
37	334m NW	Oil Bore Hole	1971	1637115
38	335m N	Oil Bore Hole	1971	1637171
AL	341m N	Oil Bore Holes	1971	1598607
AL	346m N	Oil Bore Hole	1970	1637167

ID	Location	Land Use	Date	Group ID
39	347m N	Oil Bore Hole	1971	1637170
AM	353m S	Unspecified Pit	1972	1714840
AM	353m S	Unspecified Pit	1992	1645705
AN	355m N	Oil Bore Holes	1971	1598606
AN	361m N	Oil Bore Hole	1970	1637157
AO	385m NE	Unspecified Tank	1970	1626726
40	386m NE	Railway Sidings	1955	1698033
AP	387m NW	Oil Bore Holes	1971	1598500
AP	391m NW	Oil Bore Hole	1970	1637112
AQ	405m N	Oil Bore Holes	1971	1598614
AR	407m S	Smithy	1956	1609378
AR	408m S	Smithy	1921	1743549
AR	408m S	Smithy	1899	1743549
AQ	411m N	Oil Bore Hole	1970	1637166
41	411m NE	Sheep Dip	1970	1615296
42	417m S	Unspecified Tank	1972	1626392
43	426m E	Sand and Gravel Works	1971	1630379
AS	427m E	Unspecified Pit	1955	1674899
AS	430m E	Unspecified Pit	1921	1698367
AS	430m E	Unspecified Pit	1921	1698367
AT	435m N	Oil Bore Holes	1971	1598612
AS	436m E	Unspecified Pit	1938	1674899
AT	440m N	Oil Bore Hole	1970	1637158
AU	440m N	Oil Bore Holes	1971	1598611
44	442m E	Battery	1992	1618412
AV	444m N	Oil Bore Holes	1971	1598603
AU	445m N	Oil Bore Hole	1970	1637156
AW	445m N	Oil Bore Holes	1971	1598604

ID	Location	Land Use	Date	Group ID
AV	451m N	Oil Bore Hole	1970	1637152
AW	451m N	Oil Bore Hole	1970	1637155
AX	459m N	Oil Bore Holes	1971	1598601
AX	463m N	Oil Bore Hole	1970	1637159
AY	468m N	Oil Bore Holes	1971	1598602
AY	472m N	Oil Bore Hole	1970	1637151
AZ	479m N	Oil Bore Holes	1971	1598613
AZ	484m N	Oil Bore Hole	1970	1637154
45	491m NW	Oil Bore Hole	1970	1637114

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**16**

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 23 >**

ID	Location	Land Use	Date	Group ID
D	**On site**	**Unspecified Tank**	**1990**	**271942**
D	**On site**	**Unspecified Tank**	**1990**	**271943**
D	**On site**	**Tanks**	**1990**	**264343**
D	**On site**	**Unspecified Tanks**	**1969**	**265570**
D	**On site**	**Unspecified Tank**	**1969**	**270261**
G	**On site**	**Unspecified Tank**	**1990**	**271944**
16	47m E	Tanks	1970	263776
Q	57m E	Unspecified Tank	1885	270259
R	85m NW	Unspecified Tanks	1970	265574
18	92m NE	Unspecified Tank	1970	270265
R	111m NW	Unspecified Tanks	1970	265571

ID	Location	Land Use	Date	Group ID
R	121m NW	Unspecified Tanks	1970	265572
R	127m NW	Unspecified Tanks	1970	265573
27	200m SE	Unspecified Tank	1970	270243
30	214m W	Unspecified Tank	1970	270263
AO	385m NE	Unspecified Tank	1970	270254

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 23 >**

ID	Location	Land Use	Date	Group ID
9	**On site**	**Power Station**	**1969**	**169236**
H	**On site**	**Power Station**	**1988**	**180884**
H	**On site**	**Power Station**	**1969**	**169236**
I	**On site**	**Power Station**	**1990**	**184590**
I	**On site**	**Power Station**	**1969**	**169236**
J	**On site**	**Power Station**	**1990**	**177984**
J	**On site**	**Power Station**	**1969**	**169236**
M	31m E	Electricity Substation	1970	165045
23	145m NE	Electricity Substation	1970	164437

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

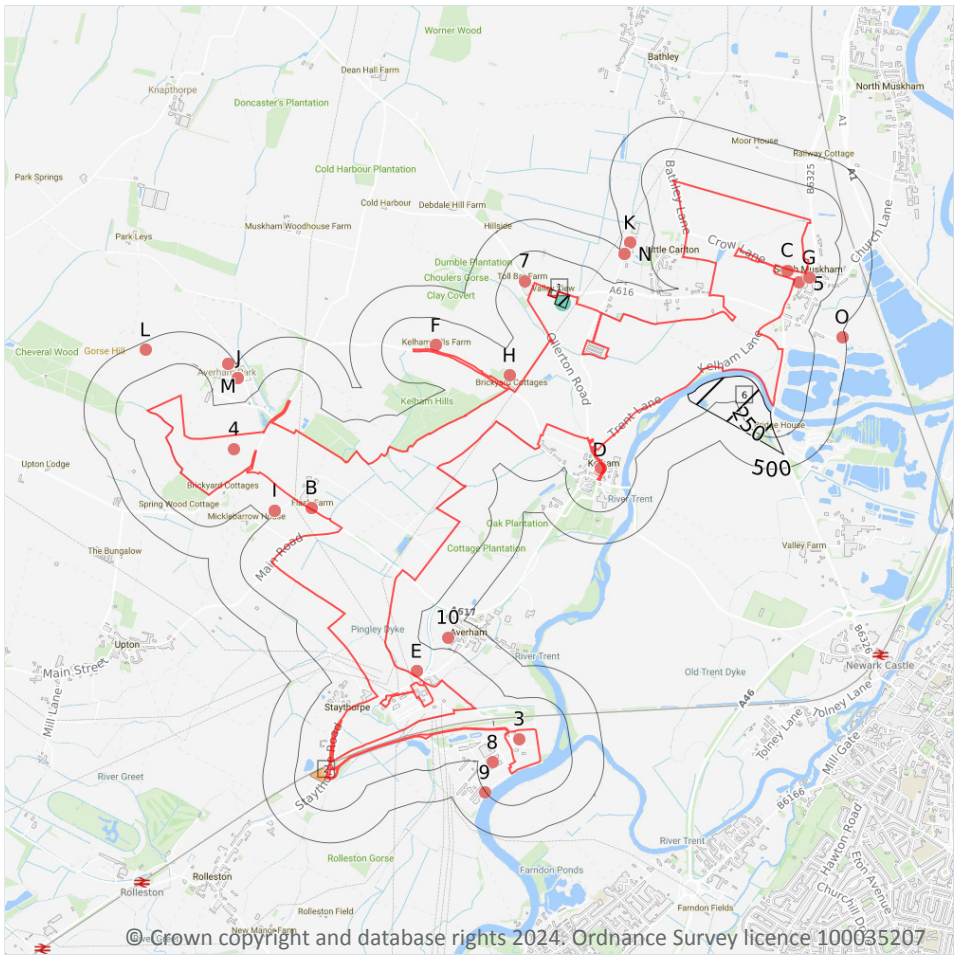
2.5 Historical garages

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



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Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

Historical landfill (BGS)

Historical waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	1

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.

Features are displayed on the Waste and landfill map on **page 33 >**

ID	Location	Address	BGS Number	Risk	Waste Type
A	**On site**	**Debdale Hill Tip, Newark, Notts**	**530**	**Risk to minor aquifer**	**N/A**

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	**3**

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.

Features are displayed on the Waste and landfill map on **page 33 >**

ID	Location	Details		
1	**On site**	**Site Address: Debdale Hill Tip, Newark, Nottinghamshire** **Licence Holder Address: -**	**Waste Licence: -** **Site Reference: -** **Waste Type: Commercial** **Environmental Permitting Regulations (Waste) Reference: -** **Licence Issue: -** **Licence Surrender: -**	**Operator: -** **Licence Holder: -** **First Recorded 31/12/1963** **Last Recorded: -**
A	**On site**	**Site Address: Debdale Hill, Debdale Hill, Newark, Nottinghamshire** **Licence Holder Address: -**	**Waste Licence: -** **Site Reference: 3/U/24/75NE** **Waste Type: Commercial, Household** **Environmental Permitting Regulations (Waste) Reference: -** **Licence Issue: -** **Licence Surrender: -**	**Operator: Southwell Rural District Council** **Licence Holder: Southwell Rural District Council** **First Recorded 31/12/1963** **Last Recorded: -**

ID	Location	Details		
6	44m E	Site Address: Newark Quarry, Great North Road, Newark on Trent, Nottinghamshire Licence Holder Address: Hoveringham, Nottingham	Waste Licence: Yes Site Reference: 3/77/19/75NE, E/55/193 Waste Type: Inert, Industrial, Special, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 11/07/1978 Licence Surrender: 31/01/1990	Operator: Biffa Waste Services Licence Holder: Hoveringham Gravels Midlands Limited First Recorded 31/12/1976 Last Recorded: 31/12/1989

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

3.5 Historical waste sites

Records within 500m	**1**

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 33 >**

ID	Location	Address	Further Details	Date
2	**On site**	**Site Address: N/A**	**Type of Site: Ash Disposal Works** **Planning application reference: N/A** **Description: N/A** **Data source: Historic Mapping** **Data Type: Polygon**	**1990**

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

3.6 Licensed waste sites

Records within 500m	**0**

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

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

3.7 Waste exemptions

Records within 500m	**216**

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 33 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
3	**On site**	**Staythorpe Power Station Newark Nottinghamshire Ng23 5ps**	**EPR/JF0304CG /A001**	**Using waste exemption**	**Non-agricultural waste only**	**Use of waste in construction**
4	**On site**	**Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs**	**WEX082662**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX066502**	**Disposing of waste exemption**	**On a farm**	**Deposit of waste from dredging of inland waters**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX066502**	**Storing waste exemption**	**On a farm**	**Storage of waste in a secure place**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX066502**	**Using waste exemption**	**On a farm**	**Use of waste in construction**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX066502**	**Using waste exemption**	**On a farm**	**Use of baled end-of-life tyres in construction**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX066502**	**Disposing of waste exemption**	**On a farm**	**Burning waste in the open**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX066502**	**Using waste exemption**	**On a farm**	**Spreading waste on agricultural land to confer benefit**
B	**On site**	**Flash Farm, Averham, Newark, Ng23 5rr**	**WEX102911**	**Using waste exemption**	**On a farm**	**Use of waste in construction**
C	16m NE	Crows Nest, Crow Lane, South Muskham, Newark, Ng23 6dz	WEX310817	Treating waste exemption	Not on a farm	Sorting mixed waste
C	16m NE	Crows Nest, Crow Lane, South Muskham, Newark, Ng23 6dz	WEX311207	Treating waste exemption	Not on a farm	Recovery of scrap metal
C	16m NE	Crows Nest, Crow Lane, South Muskham, Newark, Ng23 6dz	WEX180964	Treating waste exemption	Not on a farm	Sorting mixed waste
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Using waste exemption	On a farm	Incorporation of ash into soil
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters

ID	Location	Site	Reference	Category	Sub-Category	Description
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Using waste exemption	On a farm	Use of waste in construction
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Using waste exemption	On a farm	Use of waste in construction
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Using waste exemption	On a farm	Incorporation of ash into soil
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Disposing of waste exemption	On a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Treating waste exemption	On a farm	Recovery of scrap metal
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX084801	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Disposing of waste exemption	On a farm	Burning waste in the open
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Treating waste exemption	On a farm	Recovery of scrap metal
D	23m E	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX233672	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL/A001	Treating waste exemption	Agricultural waste only	Recovery of scrap metal
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL/A001	Treating waste exemption	Agricultural waste only	Crushing and emptying waste vehicle oil filters
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Using waste exemption	Agricultural waste only	Incorporation of ash into soil
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Storing waste exemption	Agricultural waste only	Storage of waste in secure containers
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Storing waste exemption	Agricultural waste only	Storage of waste in a secure place
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Treating waste exemption	Agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
D	24m E	Manor Farm Ollerton Road Newark Nottinghamshire Ng23 5qs	EPR/YF0338UL /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	30m S	-	WEX330934	Disposing of waste exemption	On a farm	Burning waste in the open
E	30m S	-	WEX330934	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	30m S	-	WEX330934	Using waste exemption	On a farm	Use of waste in construction
E	30m S	-	WEX330934	Using waste exemption	On a farm	Use of waste for a specified purpose
E	30m S	-	WEX330934	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	30m S	-	WEX330934	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters

ID	Location	Site	Reference	Category	Sub-Category	Description
E	30m S	-	WEX047553	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	30m S	-	WEX047553	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	30m S	-	WEX047553	Using waste exemption	On a farm	Use of waste in construction
E	30m S	-	WEX047553	Using waste exemption	On a farm	Use of waste for a specified purpose
E	30m S	-	WEX198625	Using waste exemption	On a farm	Use of waste in construction
E	30m S	-	WEX198625	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	30m S	-	WEX198625	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	30m S	-	WEX198625	Using waste exemption	On a farm	Use of waste for a specified purpose
E	30m S	-	WEX198625	Disposing of waste exemption	On a farm	Burning waste in the open
E	30m S	-	WEX198625	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	30m S	-	WEX047553	Disposing of waste exemption	On a farm	Burning waste in the open
E	30m S	-	WEX047553	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	30m S	Hill View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/CH0378YW/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
E	30m S	Hill View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/CH0378YW/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
E	30m S	Hill View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/CH0378YW/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
E	30m S	Hill View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/CH0378YW/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	30m S	Hill View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/CH0378YW/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
E	30m S	Hill View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/CH0378YW/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
5	37m NE	Muskham Lakes, Great North Road, South Muskham, Newark, Ng23 6ea	WEX078880	Using waste exemption	Not on a farm	Use of waste in construction
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX326090	Disposing of waste exemption	On a farm	Burning waste in the open
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX326090	Using waste exemption	On a farm	Use of mulch
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX326090	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX326090	Using waste exemption	On a farm	Use of waste for a specified purpose
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX326090	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX326090	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX187596	Using waste exemption	On a farm	Use of mulch
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX187596	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX187596	Disposing of waste exemption	On a farm	Burning waste in the open
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX187596	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX187596	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX187596	Using waste exemption	On a farm	Use of waste for a specified purpose
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Disposing of waste exemption	On a farm	Disposal by incineration
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Disposing of waste exemption	On a farm	Burning waste in the open
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Using waste exemption	On a farm	Use of waste in construction
F	38m NW	Kelham Hills Farm, Broadgate Lane, Kelham, Newark, Ng23 5ry	WEX028417	Storing waste exemption	On a farm	Storage of sludge

ID	Location	Site	Reference	Category	Sub-Category	Description
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Using waste exemption	Agricultural waste only	Use of waste in construction
F	39m NW	Kelham Hills Farm Broadgate Lane Newark Nottinghamshire Ng23 5ry	EPR/KE5085SG /A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
G	46m NE	South Muskham Fisheries/a1 Pits, Church Lane, South Muskham, Newark, Ng23 6eq	WEX399351	Using waste exemption	On a farm	Use of waste in construction
G	46m NE	-	WEX270094	Using waste exemption	On a farm	Use of waste in construction
H	73m N	2, Willow Holt, Sutton-On-Trent, Newark, Ng23 6qt	WEX093533	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	73m N	2, Willow Holt, Sutton-On-Trent, Newark, Ng23 6qt	WEX093533	Using waste exemption	Not on a farm	Use of waste in construction
7	79m N	Tollbar Farm, Debale Hill, Little Carlton, Nottinghamshire, Ng23 6bh	WEX115166	Disposing of waste exemption	On a farm	Burning waste in the open
8	139m S	Staythorpe Power Station, Staythorpe, Newark, Ng23 5ps	WEX320507	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters

ID	Location	Site	Reference	Category	Sub-Category	Description
I	168m W	Mickleborough Hill Newark Notts Ng23 5rs	EPR/EF0638MU/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
I	168m W	Mickleborough Hill Newark Notts Ng23 5rs	EPR/EF0638MU/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
I	168m W	Mickleborough Hill Newark Notts Ng23 5rs	EPR/EF0638MU/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Deposit of waste from dredging of inland waters
I	168m W	Mickleborough Hill Newark Notts Ng23 5rs	EPR/EF0638MU/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
I	168m W	Mickleborough Hill Newark Notts Ng23 5rs	EPR/EF0638MU/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
I	168m W	Mickleborough Hill Newark Notts Ng23 5rs	EPR/EF0638MU/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of baled end-of-life tyres in construction
9	264m S	Staythorpe Power Station, Staythorpe, Newark, Ng23 5ps	WEX193021	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
10	336m S	Trent View Staythorpe Road Newark Nottinghamshire Ng23 5ra	EPR/AH0874NX/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste

ID	Location	Site	Reference	Category	Sub-Category	Description
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Using waste exemption	Both agricultural and non-agricultural waste	Burning of waste as a fuel in a small appliance
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Storing waste exemption	Non-agricultural waste only	Storage of sludge
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
J	419m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Storing waste exemption	On a farm	Storage of sludge
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising

ID	Location	Site	Reference	Category	Sub-Category	Description
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Use of waste for a specified purpose
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Use of waste in construction
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Disposing of waste exemption	On a farm	Burning waste in the open
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Use of waste in construction
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Use of waste for a specified purpose
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Storing waste exemption	On a farm	Storage of sludge

ID	Location	Site	Reference	Category	Sub-Category	Description
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Storing waste exemption	On a farm	Storage of sludge
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Use of waste in construction
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Use of waste for a specified purpose
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX168788	Disposing of waste exemption	On a farm	Burning waste in the open
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Disposing of waste exemption	On a farm	Burning waste in the open
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Disposing of waste exemption	On a farm	Burning waste in the open
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	424m W	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX309364	Disposing of waste exemption	On a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Deposit of waste from dredging of inland waters
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Using waste exemption	Both agricultural and non-agricultural waste	Burning of waste as a fuel in a small appliance
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste derived biodiesel as fuel
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Screening and blending of waste
K	433m NE	Manor Farm Ollerton Road Little Carlton Newark Nottinghamshire Ng23 6bx	EPR/QH0871KZ/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
L	439m W	Land At Sk7382056730	EPR/XE5046EM/A001	Storing waste exemption	Non-agricultural waste only	Storage of sludge
L	439m W	Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs	WEX082132	Storing waste exemption	On a farm	Storage of sludge
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
M	443m W	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Treating waste exemption	On a farm	Screening and blending of waste
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Treating waste exemption	On a farm	Sorting mixed waste
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Disposing of waste exemption	On a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Storing waste exemption	On a farm	Storage of waste in secure containers
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Storing waste exemption	On a farm	Storage of waste in a secure place
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Using waste exemption	On a farm	Use of waste in construction
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Using waste exemption	On a farm	Use of waste derived biodiesel as fuel
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Using waste exemption	On a farm	Use of waste for a specified purpose
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX326283	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Using waste exemption	On a farm	Use of waste in construction
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Using waste exemption	On a farm	Use of waste derived biodiesel as fuel
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Using waste exemption	On a farm	Use of waste for a specified purpose
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Using waste exemption	On a farm	Spreading of plant matter to confer benefit

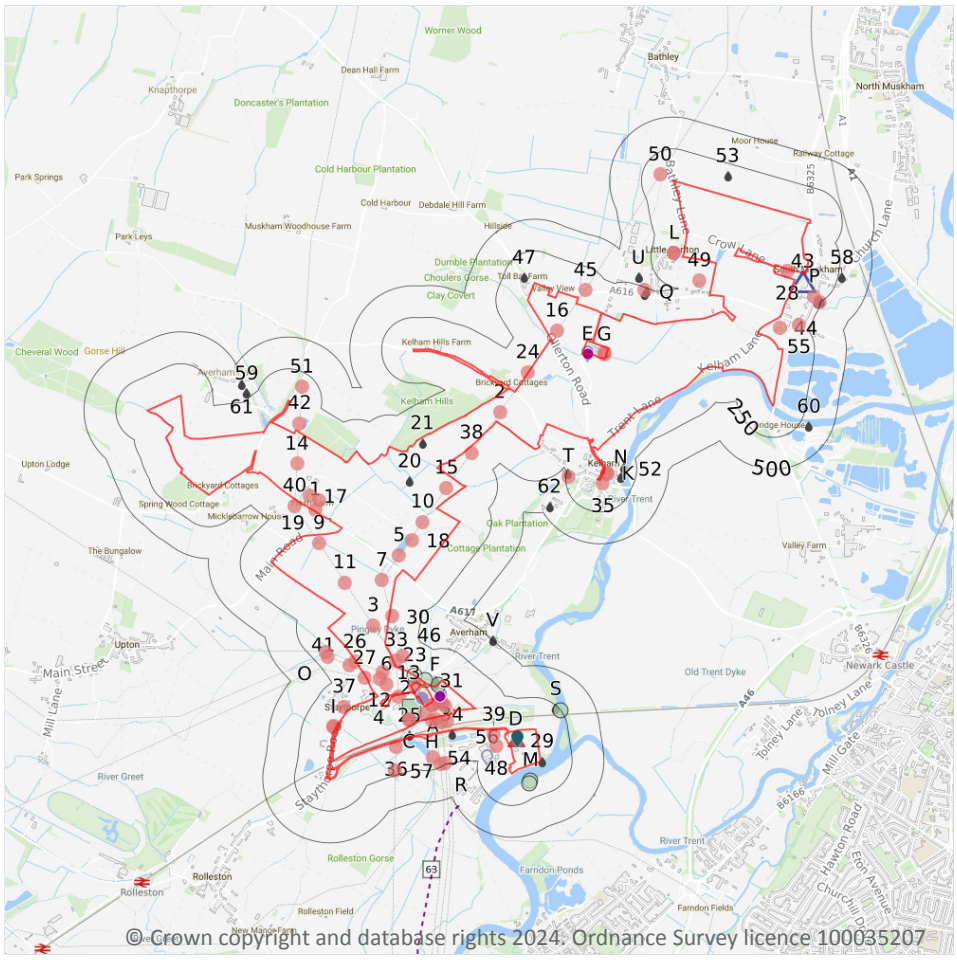
ID	Location	Site	Reference	Category	Sub-Category	Description
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Storing waste exemption	On a farm	Storage of waste in secure containers
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Storing waste exemption	On a farm	Storage of waste in a secure place
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Disposing of waste exemption	On a farm	Burning waste in the open
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Treating waste exemption	On a farm	Screening and blending of waste
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX193951	Treating waste exemption	On a farm	Sorting mixed waste
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Disposing of waste exemption	On a farm	Burning waste in the open
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Treating waste exemption	On a farm	Sorting mixed waste
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Treating waste exemption	On a farm	Screening and blending of waste
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Using waste exemption	On a farm	Use of waste in construction
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Storing waste exemption	On a farm	Storage of sludge

ID	Location	Site	Reference	Category	Sub-Category	Description
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Storing waste exemption	On a farm	Storage of waste in secure containers
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Storing waste exemption	On a farm	Storage of waste in a secure place
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX133277	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Storing waste exemption	On a farm	Storage of waste in secure containers
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Storing waste exemption	On a farm	Storage of waste in a secure place
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Using waste exemption	On a farm	Use of waste in construction
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Using waste exemption	On a farm	Use of waste derived biodiesel as fuel

ID	Location	Site	Reference	Category	Sub-Category	Description
N	465m NE	Burnetts Farm, Ollerton Road, Little Carlton, Newark, Ng23 6bx	WEX027686	Using waste exemption	On a farm	Use of waste for a specified purpose
O	474m E	-	WEX361075	Storing waste exemption	On a farm	Storage of sludge
O	474m E	-	WEX362731	Storing waste exemption	On a farm	Storage of sludge

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

4 Current industrial land use



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Site Outline

Search buffers in metres (m)

- Recent industrial land uses
- Current or recent petrol stations
- Gas pipelines
- Hazardous substance storage/usage
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m	71

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 54 >**

ID	Location	Company	Address	Activity	Category
1	On site	Sheep Dip	Nottinghamshire, NG23	Sheep Dips and Washes	Farming
2	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
3	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
4	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
5	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
6	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
7	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
8	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
9	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
10	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
11	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
12	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
13	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
14	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
15	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
16	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
17	On site	Slurry Bed	Nottinghamshire, NG23	Waste Storage, Processing and Disposal	Infrastructure and Facilities
18	On site	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
19	On site	Slurry Pit	Nottinghamshire, NG23	Waste Storage, Processing and Disposal	Infrastructure and Facilities
A	On site	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
A	On site	Mast (Telecommunication)	Nottinghamshire, NG23	Telecommunications Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
B	**On site**	**Pylon**	**Nottinghamshire, NG23**	**Electrical Features**	**Infrastructure and Facilities**
B	**On site**	**Pylon**	**Nottinghamshire, NG23**	**Electrical Features**	**Infrastructure and Facilities**
B	**On site**	**Pylon**	**Nottinghamshire, NG23**	**Electrical Features**	**Infrastructure and Facilities**
C	**On site**	**Pylon**	**Nottinghamshire, NG23**	**Electrical Features**	**Infrastructure and Facilities**
C	**On site**	**Staythorpe Power Station**	**Nottinghamshire, NG23**	**Energy Production**	**Industrial Features**
24	4m N	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
26	11m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
G	14m NE	Silo	Nottinghamshire, NG23	Hoppers and Silos	Farming
27	16m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
28	16m NE	Nigel Price & Son	Crows Nest, Crow Lane, South Muskham, Nottinghamshire, NG23 6DZ	Scrap Metal Merchants	Recycling Services
G	17m NE	Poultry Houses	Nottinghamshire, NG23	Poultry Farming, Equipment and Supplies	Farming
H	17m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
H	18m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
30	19m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
I	20m SW	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
I	22m SW	Sewage Pumping Station	Nottinghamshire, NG23	Waste Storage, Processing and Disposal	Infrastructure and Facilities
32	24m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
33	25m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
K	28m E	Sewage Pumping Station	Nottinghamshire, NG23	Waste Storage, Processing and Disposal	Infrastructure and Facilities
K	30m E	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
35	35m E	Electricity Sub Station	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
36	39m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
37	40m SW	Electricity Sub Station	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
38	40m W	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
39	41m S	Staythorpe Power Station	Nottinghamshire, NG23	Energy Production	Industrial Features
40	43m W	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
H	48m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
H	48m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
41	61m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
42	62m W	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
44	74m NE	Pump	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
L	75m NE	Onit Direct Ltd	Field View, Bathley Lane, Little Carlton, Nottinghamshire, NG23 6BY	Container and Storage	Transport, Storage and Delivery
L	75m NE	Plastic Trays	Field View, Bathley Lane, Little Carlton, Nottinghamshire, NG23 6BY	Rubber, Silicones and Plastics	Industrial Products
45	82m NE	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
46	86m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
48	94m S	Chimneys	Nottinghamshire, NG23	Chimneys	Industrial Features

ID	Location	Company	Address	Activity	Category
49	103m NE	Poultry Farm	Nottinghamshire, NG23	Poultry Farming, Equipment and Supplies	Farming
50	114m NE	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
O	138m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
51	147m W	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
O	153m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
54	157m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
55	159m E	Electricity Sub Station	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
P	187m NE	Electricity Sub Station	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
57	216m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
R	223m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
Q	230m NE	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
T	231m SE	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
R	239m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
P	245m NE	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	**1**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 54 >**

ID	Location	Company	Address	LPG	Status
43	66m NE	OBSOLETE	Main Street, South Muskham, Newark, Nottinghamshire, NG23 6EA	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	1

High pressure underground gas transmission pipelines.

Features are displayed on the Current industrial land use map on **page 54 >**

ID	Location	Pipe Name	Details	
63	461m S	SILK WILLOUGHBY TO STAYTHORPE PS	Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid Maximum Operating Pressure (Bar): -	Pipeline Diameter (mm): 600 Wall Thickness (mm): - Year of commission: Not specified Abandonment Status: Not abandoned

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

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

This data is sourced from Local Authority records.

4.6 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	2

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.

Features are displayed on the Current industrial land use map on **page 54 >**

ID	Location	Details	
D	**On site**	**Application reference number: 09/00730/HAZ** **Application status: Historical Consent** **Application date: 04/06/2009** **Address: RWE Npower plc, Staythorpe C Power Station, Staythorpe Road, Newark, Notts, England, NG23 5PS**	**Details: Proposed plant cleaning corrosion control substance** **Enforcement: No Enforcement Notified** **Date of enforcement: No Enforcement Notified** **Comment: No Enforcement Notified**
D	**On site**	**Application reference number: 08/01953/HAZ** **Application status: Approved** **Application date: 23/09/2008** **Address: RWE Npower plc, Staythorpe C Power Station, Staythorpe Road, Newark, Notts, England, NG23 5PS**	**Details: Storage of hazardous substances.** **Enforcement: No Enforcement Notified** **Date of enforcement: No Enforcement Notified** **Comment: No Enforcement Notified**

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	2

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.

Features are displayed on the Current industrial land use map on **page 54 >**

ID	Location	Details	
J	20m S	Operator: Rwe Npower Plc Address: Staythorpe B Power Station, Staythorpe, Newark, Nottinghamshire, NG23 5RQ Process: Combustion Processes Permit Number: AA3174	Original Permit Number: IPCAIRAPP Date Approved: 8-4-1993 Effective Date: 8-4-1993 Status: Superseded By Variation
J	20m S	Operator: Rwe Npower Plc Address: Staythorpe B Power Station, Staythorpe, Newark, Nottinghamshire, NG23 5RQ Process: Combustion Processes Permit Number: AK2734	Original Permit Number: IPCMINVAR Date Approved: 1-1-1994 Effective Date: 1-1-1994 Status: Revoked

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m **15**

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 54 >**

ID	Location	Details	
B	**On site**	**Operator: RWE GENERATION UK PLC** **Installation Name: Staythorpe C Power Station EPR/VP3538XX** **Process: COMBUSTION; ANY FUEL =>50MW** **Permit Number: VP3538XX** **Original Permit Number: VP3538XX**	**EPR Reference: EPR/VP3538XX** **Issue Date: 04/06/2021** **Effective Date: 04/06/2021** **Last date noted as effective: 06/08/2024** **Status: Effective**
B	**On site**	**Operator: RWE GENERATION UK PLC** **Installation Name: Staythorpe C Power Station EPR/VP3538XX** **Process: NEW MEDIUM COMBUSTION PLANT BEFORE 20TH DECEMBER 2018** **Permit Number: VP3538XX** **Original Permit Number: VP3538XX**	**EPR Reference: EPR/VP3538XX** **Issue Date: 04/06/2021** **Effective Date: 04/06/2021** **Last date noted as effective: 06/08/2024** **Status: Effective**
B	**On site**	**Operator: RWE Generation UK Plc** **Installation Name: Staythorpe C Power Station EPR/VP3538XX** **Process: COMBUSTION; ANY FUEL =>50MW** **Permit Number: GP3306LV** **Original Permit Number: VP3538XX**	**EPR Reference: -** **Issue Date: 04/06/2021** **Effective Date: 04/06/2021** **Last date noted as effective: 21/03/2023** **Status: Effective**

ID	Location	Details	
B	On site	Operator: RWE Generation UK Plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: NEW MEDIUM COMBUSTION PLANT Permit Number: GP3306LV Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 04/06/2021 Effective Date: 04/06/2021 Last date noted as effective: 21/03/2023 Status: Effective
B	On site	Operator: RWE npower plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3438CG Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 26/02/2013 Effective Date: 26/02/2013 Last date noted as effective: 21/03/2023 Status: Superceded
B	On site	Operator: RWE Generation UK Plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: COMBUSTION; ANY FUEL =>50MW Permit Number: JP3103SV Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 08/09/2020 Effective Date: 08/09/2020 Last date noted as effective: 21/03/2023 Status: Superceded
B	On site	Operator: RWE Generation UK Plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: NEW MEDIUM COMBUSTION PLANT Permit Number: JP3103SV Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 08/09/2020 Effective Date: 08/09/2020 Last date noted as effective: 21/03/2023 Status: Superceded
B	On site	Operator: RWE Generation UK Plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: COMBUSTION; ANY FUEL =>50MW Permit Number: RP3409PE Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 06/02/2020 Effective Date: 06/02/2020 Last date noted as effective: 21/03/2023 Status: Superceded
B	On site	Operator: RWE Generation UK Plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: COMBUSTION; ANY FUEL =>50MW Permit Number: UP3932WP Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 02/12/2014 Effective Date: 02/12/2014 Last date noted as effective: 21/03/2023 Status: Superceded
E	On site	Operator: HOOK 2 SISTERS LIMITED Installation Name: Kelham Farm - EPR/LP3634GY Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: LP3634GY Original Permit Number: LP3634GY	EPR Reference: EPR/LP3634GY Issue Date: 12/03/2020 Effective Date: 12/03/2020 Last date noted as effective: 06/08/2024 Status: Effective
E	On site	Operator: G.E. PORTER & SONS LIMITED Installation Name: Kelham Farm Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: CP3539UH Original Permit Number: CP3539UH	EPR Reference: EPR/CP3539UH Issue Date: 29/06/2007 Effective Date: 29/06/2007 Last date noted as effective: 06/08/2024 Status: Superseded

ID	Location	Details	
E	**On site**	**Operator: Hook 2 Sisters Limited** **Installation Name: Kelham Farm - EPR/LP3634GY** **Process: INTENSIVE FARMING; > 40,000 POULTRY** **Permit Number: PP3501PQ** **Original Permit Number: LP3634GY**	**EPR Reference: -** **Issue Date: 12/03/2020** **Effective Date: 12/03/2020** **Last date noted as effective: 21/03/2023** **Status: Effective**
E	**On site**	**Operator: Hook 2 Sisters Limited** **Installation Name: Kelham Farm** **Process: INTENSIVE FARMING; > 40,000 POULTRY** **Permit Number: KP3534KJ** **Original Permit Number: LP3634GY**	**EPR Reference: -** **Issue Date: 28/01/2010** **Effective Date: 28/01/2010** **Last date noted as effective: 21/03/2023** **Status: Superceded**
E	**On site**	**Operator: Hook 2 Sisters Limited** **Installation Name: Kelham Farm - EPR/LP3634GY** **Process: INTENSIVE FARMING; > 40,000 POULTRY** **Permit Number: FP3739TV** **Original Permit Number: LP3634GY**	**EPR Reference: -** **Issue Date: 26/03/2010** **Effective Date: 26/03/2010** **Last date noted as effective: 21/03/2023** **Status: Superceded**
56	188m S	Operator: RWE Generation UK Plc Installation Name: Staythorpe C Power Station EPR/VP3538XX Process: COMBUSTION; ANY FUEL =>50MW Permit Number: JP3738AQ Original Permit Number: VP3538XX	EPR Reference: - Issue Date: 18/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superceded

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 54 >**

ID	Location	Address	Details	
D	**On site**	**Stayhope B Power Station, National Power Plc, Stayhope, Newark, NG23 5PS**	**Process: Combustion & Incineration** **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	44

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 54 >**

ID	Location	Address	Details	
20	**On site**	**STAYTHORPE SUBSTATION, STAYTHORPE POWER STATION SITE, NEWARK, NOTTINGHAMSHIRE**	**Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/46008/T Permit Version: 1 Receiving Water: RUNDELL DYKE**	**Status: REVOKED UNDER EPR 2010 Issue date: 07/12/2004 Effective Date: 07/12/2004 Revocation Date: 20/02/2023**
21	**On site**	**STATION HOUSE & COTTAGES, TILTON ON THE HILL, NEAR BILLESDON, LEICESTERSHIRE**	**Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/55/1322 Permit Version: 1 Receiving Water: UNDERGROUND STRATA**	**Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 10/12/1969 Effective Date: 10/12/1969 Revocation Date: -**
B	**On site**	**SUBSTATION 132KV B, STAYTHORPE POWER STATION, NEAR NEWARK, NOTTINGHAMSHIRE**	**Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/64/2386C Permit Version: 1 Receiving Water: UNDERGROUND STRATA**	**Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 10/08/1973 Effective Date: 10/08/1973 Revocation Date: -**
E	**On site**	**KELHAM LAYING SITE - PSTP, LITTLE CARTON, NEWARK, NOTTS**	**Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/69/03350/S Permit Version: 1 Receiving Water: RIVER TRENT (NON TIDAL) TRIB**	**Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 14/09/1972 Effective Date: 14/09/1972 Revocation Date: -**

ID	Location	Address	Details	
25	9m S	STAYTHORPE SUBSTATION, STAYTHORPE POWER STATION SITE, NEWARK, NOTTINGHAMSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/68/46008/T Permit Version: 1 Receiving Water: RUNDELL DYKE	Status: REVOKED UNDER EPR 2010 Issue date: 07/12/2004 Effective Date: 07/12/2004 Revocation Date: 20/02/2023
F	12m S	PLOTS 3,4,5, STAYTHORPE ROAD, AVERHAM, NEWARK, NOTTINGHAMSHIRE, NG23 5RA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/45382/S Permit Version: 1 Receiving Water: PINGLEY DYKE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/07/2000 Effective Date: 19/07/2000 Revocation Date: 20/01/2003
F	12m S	WYNEBERG NURSERIES, AVERHAM, NEWARK, NOTTINGHAM	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/00328/S Permit Version: 1 Receiving Water: PINGLEY DYKE	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 11/04/1956 Effective Date: 11/04/1956 Revocation Date: -
F	12m S	HILLVIEW, STAYTHORPE ROAD, AVERHAM, NEWARK, NOTTS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/00426/S Permit Version: 1 Receiving Water: TRIB OF PINGLEY BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 19/06/1957 Effective Date: 19/06/1957 Revocation Date: -
F	14m S	ROSELEA, STAYTHORPE ROAD, AVERHAM, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/68/2725 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 05/11/1974 Effective Date: 05/11/1974 Revocation Date: -
29	17m S	STAYTHORPE POWER STATION, STAYTHORPE ROAD, NEWARK, NOTTINGHAMSHIRE, NG23 5RG	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: NPSWQD008628 Permit Version: 1 Receiving Water: RIVER TRENT	Status: SURRENDERED UNDER EPR 2010 Issue date: 16/11/2009 Effective Date: 16/11/2009 Revocation Date: 01/10/2010
F	29m S	PLOTS 1,2, STAYTHORPE ROAD, AVERHAM, NEWARK, NOTTINGHAMSHIRE, NG23 5RA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/45383/S Permit Version: 1 Receiving Water: PINGLEY DYKE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/07/2000 Effective Date: 19/07/2000 Revocation Date: 20/01/2003

ID	Location	Address	Details	
34	33m S	STAYTHORPE POWER STATION, STAYTHORPE ROAD, NEWARK, NOTTINGHAMSHIRE, NG23 5RG	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: NPSWQD006586 Permit Version: 1 Receiving Water: A TRIBUTARY OF RUNDELL DYKE	Status: SURRENDERED UNDER EPR 2010 Issue date: 20/05/2009 Effective Date: 20/05/2009 Revocation Date: 04/08/2010
47	93m N	TOLL BAR SITE, DEBDALE HILL, MUSKHAM, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/69/45067/S Permit Version: 1 Receiving Water: TRIB OF RIVER TRENT	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 03/01/1997 Effective Date: 03/01/1997 Revocation Date: -
N	138m E	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010
N	138m E	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017
N	138m E	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
N	138m E	BLACKSMITH LANE SPS, BLACKSMITH LANE, KELHAM, NEWARK, NOTTINGHAMSHIRE, NG23 5QR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: TSC3118 Permit Version: 1 Receiving Water: RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/09/2016
52	150m E	BLACKSMITH LANE SPS, BLACKSMITH LANE, KELHAM, NEWARK, NOTTINGHAMSHIRE, NG23 5QR	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3118 Permit Version: 2 Receiving Water: RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 05/09/2016 Effective Date: 05/09/2016 Revocation Date: -

ID	Location	Address	Details	
53	152m NE	CRABTREE PARK - SWS, WORKSOP, NOTTINGHAMSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: T/69/03043/O Permit Version: 1 Receiving Water: RIVER RYTON	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 13/10/1971 Effective Date: 13/10/1971 Revocation Date: 02/04/2000
Q	197m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
Q	197m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010
Q	219m NE	OLLERTON TOAD, LITTLE CARLTON, LITTLE CARLTON, NEWARK, NG23 6BY	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3728 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 12/08/2011
P	221m NE	HOUSING SITE - SOUTH MUSKHAM SWS, HOUSING SITE, SOUTH MUSHAM, NEWARK, NOTTS	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: T/69/00731/O Permit Version: 1 Receiving Water: RIVER TRENT (NON TIDAL) TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/03/1960 Effective Date: 11/03/1960 Revocation Date: 02/04/2000
P	224m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010
P	224m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017

ID	Location	Address	Details	
P	224m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
S	227m S	STAYTHORPE POWER STATION, STAYTHORPE, NOTTINGHAMSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/64/22875/T Permit Version: 1 Receiving Water: RIVER TRENT RUNDELL DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 05/04/1994 Effective Date: 05/04/1994 Revocation Date: 22/06/2000
S	227m S	STAYTHORPE POWER STATION, STAYTHORPE, NOTTINGHAMSHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: T/64/22875/T Permit Version: 1 Receiving Water: RIVER TRENT RUNDELL DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 05/04/1994 Effective Date: 05/04/1994 Revocation Date: 22/06/2000
P	239m NE	MAIN STREET - SOUTH MUSKHAM SPS, MAIN STREET, SOUTH MUSKHAM, NEWARK, NOTTINGHAMSHIRE, NG23 6EE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3625 Permit Version: 2 Receiving Water: DITCH TRIBUTARY OF THE FLEET	Status: VARIED UNDER EPR 2010 Issue date: 05/09/2016 Effective Date: 05/09/2016 Revocation Date: -
T	243m SE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
T	243m SE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017
T	243m SE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010

ID	Location	Address	Details	
T	243m SE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 4 Receiving Water: KELHAM BROOK	Status: VARIED UNDER EPR 2010 Issue date: 21/07/2017 Effective Date: 21/07/2017 Revocation Date: -
T	243m SE	BROADGATE LN, KELHAM, NEWARK, NEWARK, NG23 5QS	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: TSC3159 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 12/08/2011
P	246m NE	MAIN STREET - SOUTH MUSKHAM SPS, MAIN STREET, SOUTH MUSKHAM, NEWARK, NOTTINGHAMSHIRE, NG23 6EE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3625 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/09/2016
58	282m NE	RECTORY FARM, SOUTH MUSKHAM, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/67/1899 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 21/02/1972 Effective Date: 21/02/1972 Revocation Date: -
59	286m W	AVERHAM PARK, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/21938/S Permit Version: 1 Receiving Water: TRIB OF PINGLEY DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 11/11/1993 Effective Date: 11/11/1993 Revocation Date: -
U	304m NE	LA ROUCHE, BATHLEY LANE, LITTLE CARLTON, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/68/0260 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: SURRENDERED UNDER EPR 2010 Issue date: 14/12/1965 Effective Date: 14/12/1965 Revocation Date: 01/04/2012
U	304m NE	LA ROUCHE, BATHLEY LANE, LITTLE CARLTON, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/68/0260 Permit Version: 2 Receiving Water: UNDERGROUND STRATA	Status: SURRENDERED UNDER EPR 2010 Issue date: 02/04/2012 Effective Date: 02/04/2012 Revocation Date: 27/04/2012

ID	Location	Address	Details	
60	326m E	AN STP SERVING SMEATONS LAKES, GREAT NORTH ROAD, NEWARK, NOTTINGHAMSHIRE, NG23 6ED	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/46337/S Permit Version: 1 Receiving Water: THE RIVER TRENT	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 08/02/2007 Effective Date: 01/03/2007 Revocation Date: -
61	365m W	AVERHAM PARK FARM, AVERHAM PARK, NEWARK, NOTTINGHAMSHIRE, NG23 5RU	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/21879/S Permit Version: 1 Receiving Water: TRIB OF PINGLEY DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 14/10/1992 Effective Date: 14/10/1992 Revocation Date: 22/09/2004
62	437m SE	THE RED HOUSE, KELHAM, NEWARK, NOTTS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/14282/SG Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 02/03/1978 Effective Date: 02/03/1978 Revocation Date: 24/08/2005
V	497m S	AVERHAM - CHURCH LANE SPS, ADJACENT TO THE CROFT, CHURCH LANE, AVERHAM, NEWARK, NOTTINGHAMSHIRE, NG23 5RB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: T/68/00222/O Permit Version: 2 Receiving Water: TRIBUTARY OF RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 28/12/2022 Effective Date: 28/12/2022 Revocation Date: -
V	497m S	AVERHAM - CHURCH LANE SPS, ADJACENT TO THE CROFT, CHURCH LANE, AVERHAM, NEWARK, NOTTINGHAMSHIRE, NG23 5RB	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/00222/O Permit Version: 2 Receiving Water: TRIBUTARY OF RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 28/12/2022 Effective Date: 28/12/2022 Revocation Date: -

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**

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

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

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	1

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.

Features are displayed on the Current industrial land use map on **page 54 >**

ID	Location	Name	Status	Receiving Water	Authorised Substances
22	**On site**	**Staythorpe Power Station**	**Not Active**	**-**	**Iron**

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	6

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 54 >**

ID	Location	Details	
F	**On site**	**Incident Date: 09/01/2002** **Incident Identification: 51465** **Pollutant: Oils and Fuel** **Pollutant Description: Gas and Fuel Oils**	**Water Impact: Category 3 (Minor)** **Land Impact: Category 3 (Minor)** **Air Impact: Category 4 (No Impact)**

ID	Location	Details	
23	1m S	Incident Date: 15/04/2003 Incident Identification: 151451 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Natural Organic Material	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
31	19m S	Incident Date: 30/03/2003 Incident Identification: 147121 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
M	114m S	Incident Date: 03/09/2002 Incident Identification: 104934 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
M	130m S	Incident Date: 14/01/2002 Incident Identification: 52309 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
S	250m S	Incident Date: 07/09/2001 Incident Identification: 29444 Pollutant: Other Pollutant Pollutant Description: Other	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	**10**

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 54 >**

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	1000kg	Below Reporting Threshold
Controlled Waters	Chlorides - as Cl	2000000kg	Below Reporting Threshold
Controlled Waters	Fluorides - as F	2000kg	Below Reporting Threshold
Controlled Waters	Halogenated organic compounds - as AOX	1000kg	Below Reporting Threshold
Controlled Waters	Nitrogen - as total N	50000kg	Below Reporting Threshold
Controlled Waters	Phosphorus - as total P	5000kg	Below Reporting Threshold
Controlled Waters	Total organic carbon (TOC)	50000kg	Below Reporting Threshold
Controlled Waters	Arsenic	5kg	Below Reporting Threshold
Controlled Waters	Cadmium	1kg	Below Reporting Threshold
Air	Particulate matter - PM2.5	1000kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Controlled Waters	Copper	20kg	Below Reporting Threshold
Controlled Waters	Lead	20kg	Below Reporting Threshold
Controlled Waters	Nickel	20kg	Below Reporting Threshold
Controlled Waters	Zinc	100kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Controlled Waters	Chromium	20kg	Below Reporting Threshold
Air	Mercury	1kg	Below Reporting Threshold
Controlled Waters	Mercury	0.1kg	Below Reporting Threshold

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	3580689800kg

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	1235698kg

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon monoxide	100000kg	477638kg

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Methane	10000kg	258793kg

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	63120kg

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector Combustion, Sub-sector: Power
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrous oxide	10000kg	35348kg

ID: E, Location: On site, Permit: LP3634GY
Operator: Hook 2 Sisters Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Kelham Farm Kelham Lane Little Carlton Nottinghamshire NG23 6BT
Sector Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold

ID: E, Location: On site, Permit: LP3634GY
Operator: Hook 2 Sisters Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Kelham Farm Kelham Lane Little Carlton Nottinghamshire NG23 6BT
Sector Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	4443kg

ID: E, Location: On site, Permit: LP3634GY
Operator: Hook 2 Sisters Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Kelham Farm Kelham Lane Little Carlton Nottinghamshire NG23 6BT
Sector Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	1000kg	4356kg

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

4.20 Pollution inventory waste transfers

Records within 500m	**2**

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 54 >**

ID: B, Location: On site, Permit: VP3538XX
Operator: RWE Generation UK Plc
Activity: COMBUSTION; ANY FUEL =>50MW
Address: Staythorpe Power Station Staythorpe Nottinghamshire NG23 5PA
Sector: Combustion, Sub-sector: Power
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	2.92	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.46	Absolute Value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1.81	Absolute Value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.19	Absolute Value	16 02 13	discarded equipment containing hazardous components (2) other than those mentioned in 16 02 09 to 16 02 12	Yes

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.03	Absolute Value	16 02 15	hazardous components removed from discarded equipment	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.21	Absolute Value	16 03 05	organic wastes containing dangerous substances	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.02	Absolute Value	16 03 05	organic wastes containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.37	Absolute Value	16 05 04	gases in pressure containers (including halons) containing dangerous substances	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.02	Absolute Value	16 05 08	discarded organic chemicals consisting of or containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.6	Absolute Value	16 06 01	lead batteries	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.01	Absolute Value	16 09 02	chromates, for example potassium chromate, potassium or sodium dichromate	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.87	Absolute Value	19 02 04	premixed wastes composed of at least one hazardous waste	Yes

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.17	Absolute Value	20 01 23	discarded equipment containing chlorofluorocarbons	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.53	Absolute Value	20 01 35	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)	Yes
R1	Use principally as a fuel or other means to generate energy	2.44	Absolute Value	17 02 04	glass, plastic and wood containing or contaminated with dangerous substances	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.01	Absolute Value	13 05 07	oily water from oil/water separators	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.1	Absolute Value	06 02 04	sodium and potassium hydroxide	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.229	Absolute Value	08 01 11	waste paint and varnish containing organic solvents or other dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.08	Absolute Value	08 03 17	waste printing toner containing dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.02	Absolute Value	08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	2.46	Absolute Value	13 02 05	mineral-based non-chlorinated engine, gear and lubricating oils	Yes

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.12	Absolute Value	13 03 07	mineral-based non-chlorinated insulating and heat transmission oils	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	61.55	Absolute Value	20 03 01	mixed municipal waste	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	12.48	Absolute Value	15 01 06	mixed packaging	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	14.18	Absolute Value	20 01 38	wood other than that mentioned in 20 01 37	No
D1	Deposit into or onto land (eg landfill, etc.)	5.52	Absolute Value	17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03	No
R4	Recycling/reclamation of metals and metal compounds	14.11	Absolute Value	20 01 40	metals	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	15 01 02	plastic packaging	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	16 06 04	alkaline batteries (except 16 06 03)	No
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	16 06 05	other batteries and accumulators	No

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	16 06 05	other batteries and accumulators	No
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	20 01 02	glass	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	20 01 01	paper and cardboard	No
D10	Incineration on Land	Below Reporting Threshold	Below Reporting Threshold	18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)	No
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	11 01 14	degreasing wastes other than those mentioned in 11 01 13	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Below Reporting Threshold	Below Reporting Threshold	20 01 39	plastics	No

ID: E, Location: On site, Permit: LP3634GY
Operator: Hook 2 Sisters Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Kelham Farm Kelham Lane Little Carlton Nottinghamshire NG23 6BT
Sector: Agriculture, Sub-sector: Intensive Farming
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	1146	Absolute Value	02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	Below Reporting Threshold	Below Reporting Threshold	15 01 01	paper and cardboard packaging	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	Below Reporting Threshold	Below Reporting Threshold	15 01 02	plastic packaging	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	Below Reporting Threshold	Below Reporting Threshold	15 01 03	wooden packaging	No
D1	Deposit into or onto land (eg landfill, etc.)	Below Reporting Threshold	Below Reporting Threshold	15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	No
D1	Deposit into or onto land (eg landfill, etc.)	Below Reporting Threshold	Below Reporting Threshold	20 03 01	mixed municipal waste	No

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

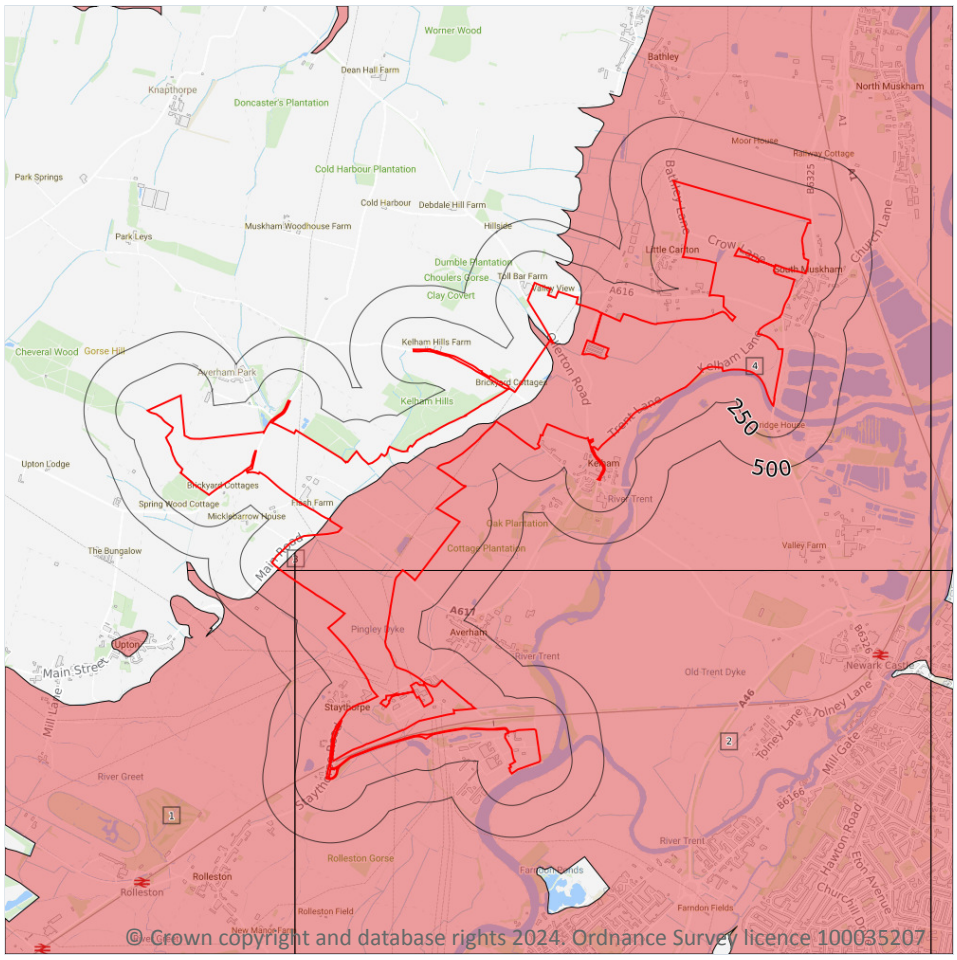
4.21 Pollution inventory radioactive waste

Records within 500m	**0**

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

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

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m	4

Aquifer status of groundwater held within superficial geology.

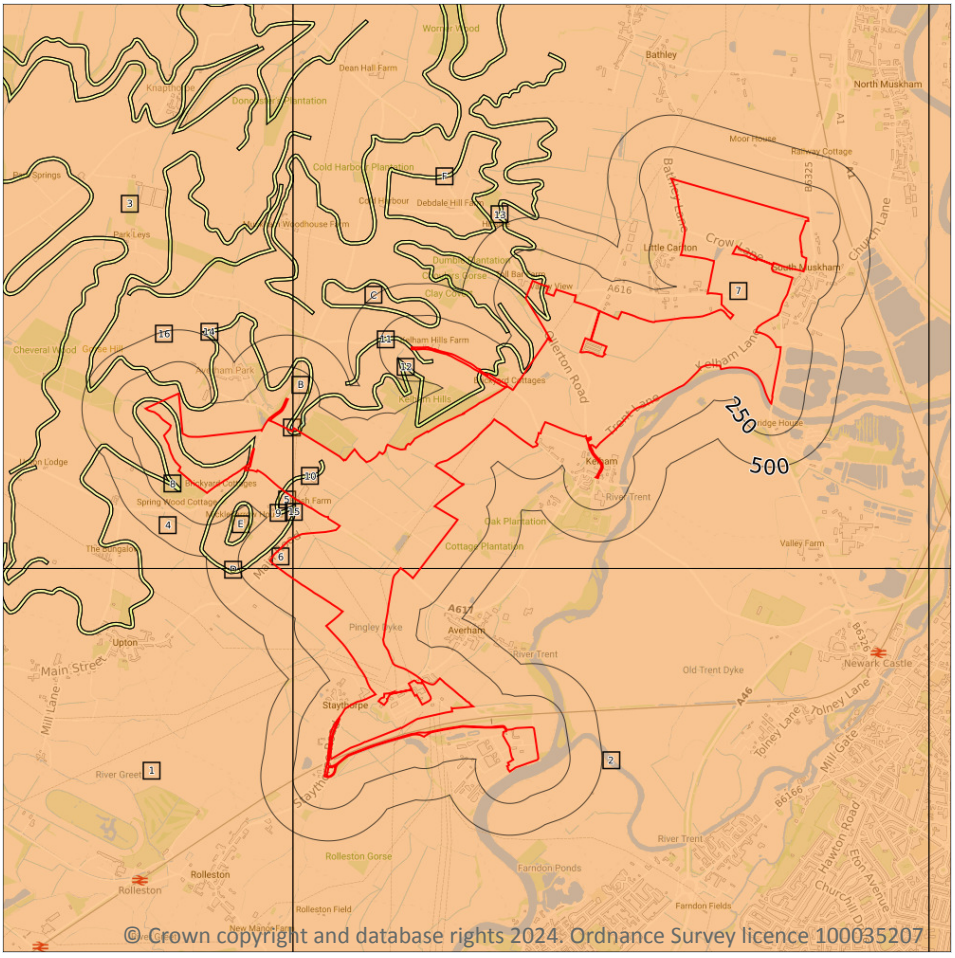
Features are displayed on the Hydrogeology map on **page 82 >**

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**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
4	**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**

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

Bedrock aquifer



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5.2 Bedrock aquifer

Records within 500m	27

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 84 >**

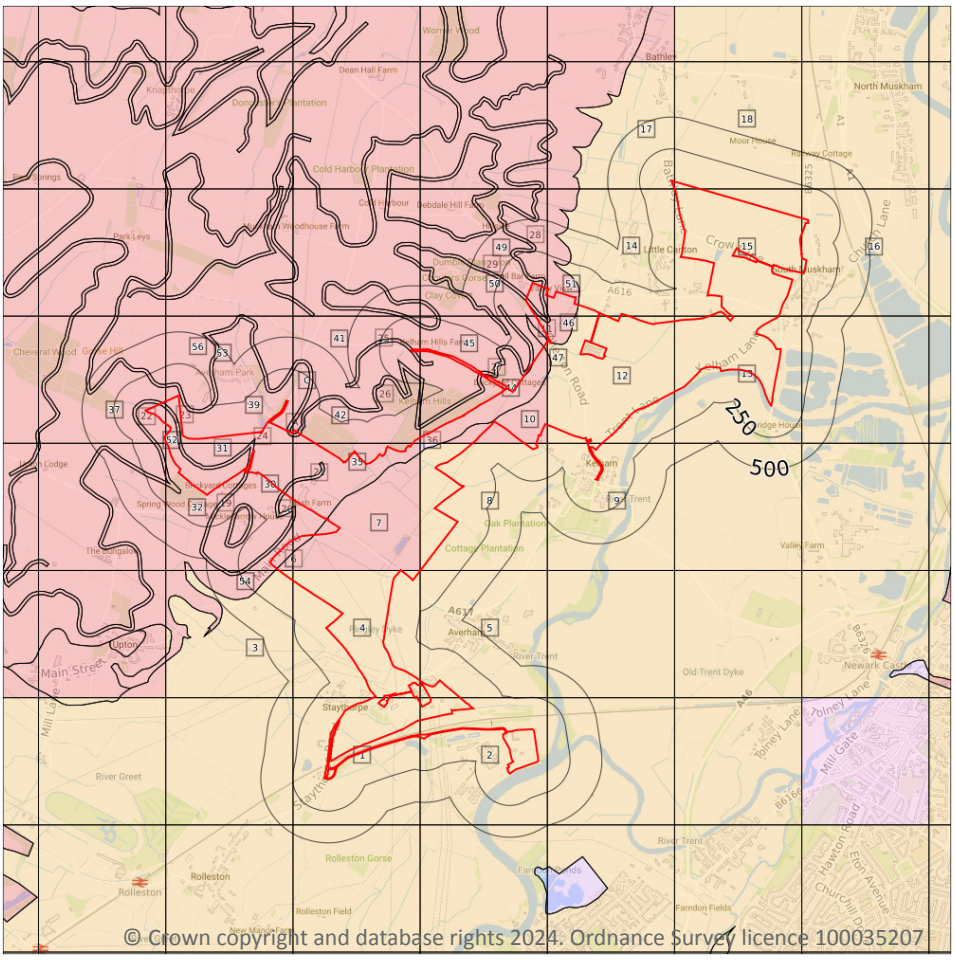
ID	Location	Designation	Description
1	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
2	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers

ID	Location	Designation	Description
3	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
4	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
5	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
6	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
7	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
8	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
10	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
11	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
12	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
13	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
A	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
A	On site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
14	11m W	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
15	36m W	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
16	37m W	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
B	39m W	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
B	45m W	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
C	151m NW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
C	176m NW	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
D	190m SW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
E	209m W	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
E	234m W	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
D	240m SW	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
F	493m N	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability
- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability
- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information
- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	64

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

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

Features are displayed on the Groundwater vulnerability map on **page 87 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary 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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
5	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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/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

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

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
13	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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
14	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: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
15	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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
16	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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
17	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: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
18	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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
19	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
20	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
21	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
22	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
23	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
24	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
25	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
26	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
27	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
28	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
29	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
30	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
31	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
32	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
33	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
34	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
35	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
36	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
37	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
38	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
39	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
40	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
41	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
42	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
43	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
44	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
45	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
46	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
47	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
48	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
49	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
50	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
A	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
A	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
B	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
B	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
B	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
B	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
52	7m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
53	11m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
54	19m SW	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
55	36m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
56	37m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
C	39m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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
C	45m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

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

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

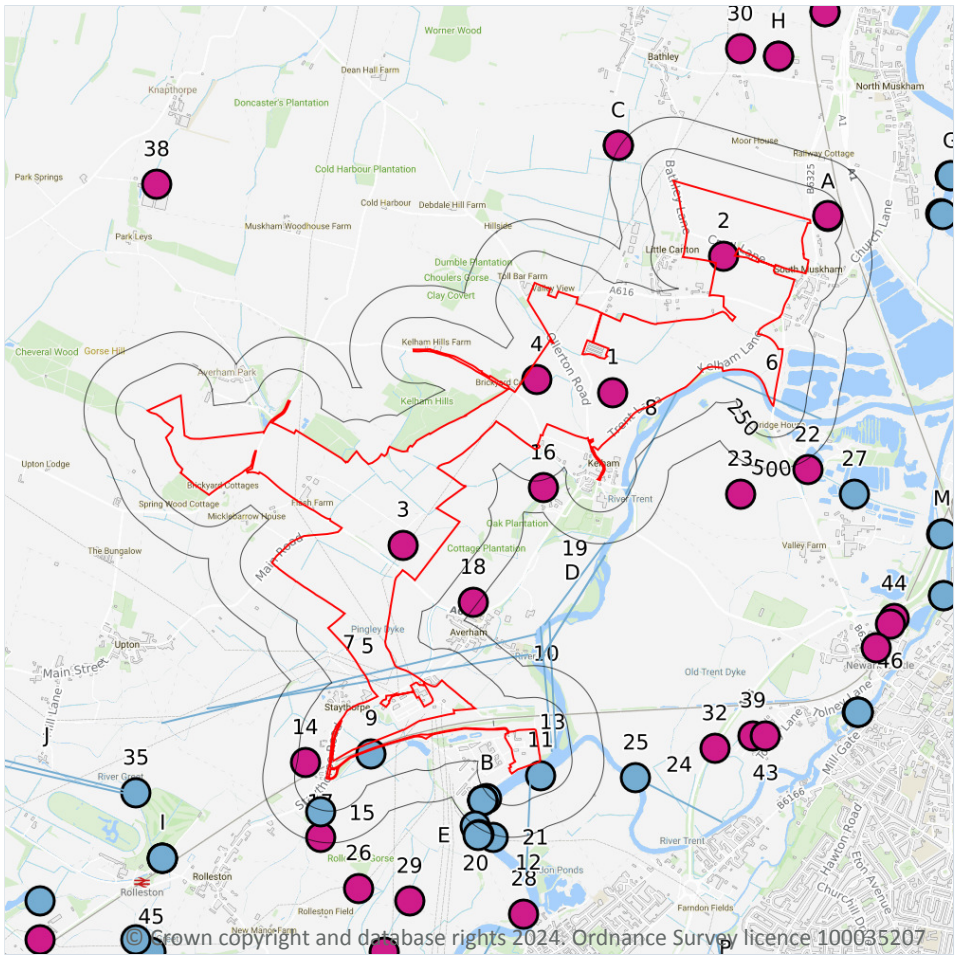
5.5 Groundwater vulnerability- local information

Records on site	0

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

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

Abstractions and Source Protection Zones



Site Outline

Search buffers in metres (m)

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

5.6 Groundwater abstractions

Records within 2000m	35

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 98 >**

ID	Location	Details	
1	**On site**	**Status: Active** **Licence No: 03/28/68/0009/G** **Details: Spray Irrigation - Direct** **Direct Source: Groundwater Midlands Region** **Point: KELHAM - WATERHOLE (A)** **Data Type: Point** **Name: JAMES MILLER (KELHAM) LIMITED** **Easting: 477500** **Northing: 356400**	**Annual Volume (m^3): 65792** **Max Daily Volume (m^3): 436.5** **Original Application No: -** **Original Start Date: 05/01/1966** **Expiry Date: -** **Issue No: 101** **Version Start Date: 16/03/2005** **Version End Date: -**
2	**On site**	**Status: Active** **Licence No: 03/28/69/0171** **Details: Spray Irrigation - Direct** **Direct Source: Groundwater Midlands Region** **Point: SOUTH MUSKHAM - LAGOON** **Data Type: Point** **Name: STANIFORTH** **Easting: 478370** **Northing: 357470**	**Annual Volume (m^3): 27750** **Max Daily Volume (m^3): 550** **Original Application No: NPS/WR/010721** **Original Start Date: 10/07/1986** **Expiry Date: -** **Issue No: 101** **Version Start Date: 23/05/2012** **Version End Date: -**
3	**On site**	**Status: Active** **Licence No: 03/28/68/0021** **Details: Spray Irrigation - Direct** **Direct Source: Groundwater Midlands Region** **Point: AVERHAM, NEWARK - LARGE LAGOON** **Data Type: Point** **Name: LATHAM FARMS LTD** **Easting: 475850** **Northing: 355200**	**Annual Volume (m^3): 90000** **Max Daily Volume (m^3): 2730** **Original Application No: -** **Original Start Date: 02/03/1966** **Expiry Date: -** **Issue No: 101** **Version Start Date: 12/12/2000** **Version End Date: -**
4	**On site**	**Status: Active** **Licence No: 03/28/68/0009/G** **Details: Spray Irrigation - Direct** **Direct Source: Groundwater Midlands Region** **Point: KELHAM - WATERHOLE (B)** **Data Type: Point** **Name: JAMES MILLER (KELHAM) LIMITED** **Easting: 476900** **Northing: 356500**	**Annual Volume (m^3): 65792** **Max Daily Volume (m^3): 436.5** **Original Application No: -** **Original Start Date: 05/01/1966** **Expiry Date: -** **Issue No: 101** **Version Start Date: 16/03/2005** **Version End Date: -**
A	142m NE	Status: Historical Licence No: 03/28/69/0009/G Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - CATCHPIT Data Type: Point Name: J & J BURNETT LTD Easting: 479190 Northing: 357780	Annual Volume (m^3): 20630 Max Daily Volume (m^3): 455 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -

ID	Location	Details	
A	144m NE	Status: Active Licence No: MD/028/0069/027 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - CATCHPIT Data Type: Point Name: J & J BURNETT LTD Easting: 479190 Northing: 357788	Annual Volume (m^3): 20630 Max Daily Volume (m^3): 455 Original Application No: - Original Start Date: 27/05/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 12/04/2019 Version End Date: -
14	188m SW	Status: Active Licence No: 03/28/64/0156 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAND AT STAYTHORPE - LAGOON Data Type: Point Name: J & J BURNETT LTD Easting: 475080 Northing: 353490	Annual Volume (m^3): 47000 Max Daily Volume (m^3): 630 Original Application No: - Original Start Date: 04/05/1970 Expiry Date: - Issue No: 101 Version Start Date: 03/12/2018 Version End Date: -
16	310m SE	Status: Active Licence No: 03/28/68/0033 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: KELHAM - LAGOON Data Type: Point Name: JAMES MILLER (KELHAM) LIMITED Easting: 476950 Northing: 355650	Annual Volume (m^3): 45000 Max Daily Volume (m^3): 800 Original Application No: - Original Start Date: 21/12/1992 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2005 Version End Date: -
17	465m SW	Status: Historical Licence No: 03/28/64/0075 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND AT ROLLESTON - WELL B Data Type: Point Name: BESWICK Easting: 475200 Northing: 352900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
18	468m S	Status: Active Licence No: 03/28/68/0021 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: AVERHAM, NEWARK - SMALL LAGOON Data Type: Point Name: LATHAM FARMS LTD Easting: 476400 Northing: 354750	Annual Volume (m^3): 90000 Max Daily Volume (m^3): 2730 Original Application No: - Original Start Date: 02/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 12/12/2000 Version End Date: -

ID	Location	Details	
C	514m N	Status: Active Licence No: 03/28/69/0245 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - LAGOON Data Type: Point Name: J & J BURNETT LTD Easting: 477540 Northing: 358340	Annual Volume (m^3): 24500 Max Daily Volume (m^3): 800 Original Application No: - Original Start Date: 01/01/1995 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
C	514m N	Status: Active Licence No: 03/28/69/0164 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - LAGOON Data Type: Point Name: STANIFORTH FARMS Easting: 477540 Northing: 358340	Annual Volume (m^3): 12500 Max Daily Volume (m^3): 410 Original Application No: - Original Start Date: 29/11/1985 Expiry Date: - Issue No: 100 Version Start Date: 03/12/2018 Version End Date: -
22	574m E	Status: Historical Licence No: 03/28/68/0016 Details: Process water Direct Source: Groundwater Midlands Region Point: CRANKLEY POINT,NEWARK - WELL Data Type: Point Name: TARMAC HEAVY BUILDING MATERIALS UK LTD Easting: 479030 Northing: 355790	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/08/1997 Version End Date: -
23	744m E	Status: Active Licence No: 03/28/68/0009/G Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: KELHAM - WATERHOLE (C) Data Type: Point Name: JAMES MILLER (KELHAM) LIMITED Easting: 478500 Northing: 355600	Annual Volume (m^3): 65792 Max Daily Volume (m^3): 436.5 Original Application No: - Original Start Date: 05/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 16/03/2005 Version End Date: -
26	887m S	Status: Historical Licence No: 03/28/64/0075 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND AT ROLLESTON - WELL A Data Type: Point Name: BESWICK Easting: 475500 Northing: 352500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -

ID	Location	Details	
28	1107m S	Status: Historical Licence No: 03/28/64/0035 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Groundwater Midlands Region Point: TRENT SAILING CLUB - WELL Data Type: Point Name: JOHN CLARK Easting: 476800 Northing: 352300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 06/10/1965 Expiry Date: - Issue No: 101 Version Start Date: 16/04/2002 Version End Date: -
29	1137m S	Status: Historical Licence No: 03/28/64/0026 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LIME TREE FARM - WELL A Data Type: Point Name: KEAL Easting: 475900 Northing: 352400	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 06/10/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
30	1141m NE	Status: Active Licence No: 03/28/69/0111 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: NORTH MUSKHAM - CATCHPIT (1) Data Type: Point Name: DENNIFF Easting: 478500 Northing: 359100	Annual Volume (m^3): 70000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -
H	1166m NE	Status: Active Licence No: 03/28/69/0297 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 2) Data Type: Point Name: GIBSON Easting: 478800 Northing: 359040	Annual Volume (m^3): 35000 Max Daily Volume (m^3): 982 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 1 Version Start Date: 16/03/2005 Version End Date: -
H	1166m NE	Status: Historical Licence No: 03/28/68/0012 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 2) Data Type: Point Name: GIBSON Easting: 478800 Northing: 359040	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/11/1991 Version End Date: -

ID	Location	Details	
32	1374m SE	Status: Historical Licence No: 03/28/68/0002 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND NEAR FARNDON - WELL (1) Data Type: Point Name: H PRICE & SON Easting: 478300 Northing: 353600	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 19/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
33	1422m S	Status: Historical Licence No: 03/28/64/0026 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LIME TREE FARM - WELL B Data Type: Point Name: KEAL Easting: 475700 Northing: 352000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 06/10/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
L	1604m NE	Status: Active Licence No: 03/28/69/0297 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 1) Data Type: Point Name: GIBSON Easting: 479170 Northing: 359390	Annual Volume (m^3): 35000 Max Daily Volume (m^3): 982 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 1 Version Start Date: 16/03/2005 Version End Date: -
L	1604m NE	Status: Historical Licence No: 03/28/68/0012 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 1) Data Type: Point Name: GIBSON Easting: 479170 Northing: 359390	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/11/1991 Version End Date: -
38	1670m NW	Status: Active Licence No: MD/028/0069/016 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA COMPRISING OF THE MERCIA MUDSTONE Data Type: Point Name: Germany Farms Limited Easting: 473912 Northing: 358035	Annual Volume (m^3): 15000 Max Daily Volume (m^3): 70 Original Application No: NPS/WR/009341 Original Start Date: 25/05/2016 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 25/05/2016 Version End Date: -

ID	Location	Details	
39	1682m SE	Status: Historical Licence No: 03/28/68/0002 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND NEAR FARNDON - WELL (2) Data Type: Point Name: H PRICE & SON Easting: 478600 Northing: 353700	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 19/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1751m E	Status: Historical Licence No: 03/28/68/0007 Details: Process Water Direct Source: Groundwater Midlands Region Point: NEWARK WORKS, NOTTS - WELL(A) Data Type: Point Name: HENKEL LOCTITE ADHESIVES LIMITED Easting: 480200 Northing: 355300	Annual Volume (m^3): 3409.5 Max Daily Volume (m^3): 181.84 Original Application No: - Original Start Date: 10/12/1965 Expiry Date: - Issue No: 102 Version Start Date: 31/03/2006 Version End Date: -
-	1782m E	Status: Historical Licence No: 03/28/68/0007 Details: Process Water Direct Source: Groundwater Midlands Region Point: NEWARK WORKS, NOTTS - WELL (B) Data Type: Point Name: HENKEL LOCTITE ADHESIVES LIMITED Easting: 480300 Northing: 355400	Annual Volume (m^3): 3409.5 Max Daily Volume (m^3): 181.84 Original Application No: - Original Start Date: 10/12/1965 Expiry Date: - Issue No: 102 Version Start Date: 31/03/2006 Version End Date: -
43	1782m SE	Status: Historical Licence No: 03/28/68/0002 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND NEAR FARNDON - WELL (3) Data Type: Point Name: H PRICE & SON Easting: 478700 Northing: 353700	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 19/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1836m NE	Status: Active Licence No: 03/28/69/0297 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 3) Data Type: Point Name: GIBSON Easting: 478400 Northing: 359850	Annual Volume (m^3): 35000 Max Daily Volume (m^3): 982 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 1 Version Start Date: 16/03/2005 Version End Date: -

ID	Location	Details	
-	1836m NE	Status: Historical Licence No: 03/28/68/0012 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 3) Data Type: Point Name: GIBSON Easting: 478400 Northing: 359850	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/11/1991 Version End Date: -
44	1927m SE	Status: Historical Licence No: 03/28/68/0032 Details: Process Water Direct Source: Groundwater Midlands Region Point: NEWARK LIVESTOCK MARKET - BOREHOLE (C) Data Type: Point Name: NEWARK AND SHERWOOD DISTRICT COUNCIL Easting: 479710 Northing: 354620	Annual Volume (m^3): 12500 Max Daily Volume (m^3): 150 Original Application No: - Original Start Date: 08/03/1991 Expiry Date: - Issue No: 101 Version Start Date: 09/11/2020 Version End Date: -
46	1948m SE	Status: Historical Licence No: 03/28/68/0032 Details: Process Water Direct Source: Groundwater Midlands Region Point: NEWARK LIVESTOCK MARKET - BOREHOLE (B) Data Type: Point Name: NEWARK AND SHERWOOD DISTRICT COUNCIL Easting: 479680 Northing: 354580	Annual Volume (m^3): 12500 Max Daily Volume (m^3): 150 Original Application No: - Original Start Date: 08/03/1991 Expiry Date: - Issue No: 101 Version Start Date: 09/11/2020 Version End Date: -
-	1960m S	Status: Historical Licence No: 03/28/64/0043 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND AT ROLLESTON, NOTTS - WELL Data Type: Point Name: DONCASTER Easting: 475200 Northing: 351400	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 06/10/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1961m NE	Status: Active Licence No: 03/28/69/0111 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: NORTH MUSKHAM - CATCHPIT (2) Data Type: Point Name: DENNIFF Easting: 478860 Northing: 359850	Annual Volume (m^3): 70000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	52

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 98 >**

ID	Location	Details	
5	**On site**	**Status: Active** **Licence No: 03/28/68/0024** **Details: Spray Irrigation - Direct** **Direct Source: Surface Water Midlands Region** **Point: STAYTHORPE - PINGLEY DYKE** **Data Type: Line** **Name: LATHAM FARMS LTD** **Easting: 474306** **Northing: 353914**	**Annual Volume (m^3): 40000** **Max Daily Volume (m^3): 2500** **Original Application No: NPS/WR/021324** **Original Start Date: 17/03/1966** **Expiry Date: -** **Issue No: 103** **Version Start Date: 05/06/2017** **Version End Date: -**
6	**On site**	**Status: Active** **Licence No: 03/28/68/0029** **Details: Spray Irrigation - Direct** **Direct Source: Surface Water Midlands Region** **Point: SOUTH MUSKHAM - RIVER TRENT** **Data Type: Line** **Name: STANIFORTH** **Easting: 478360** **Northing: 356520**	**Annual Volume (m^3): 26720** **Max Daily Volume (m^3): 1210** **Original Application No: NPS/WR/010720** **Original Start Date: 08/05/1986** **Expiry Date: -** **Issue No: 101** **Version Start Date: 03/12/2018** **Version End Date: -**
7	**On site**	**Status: Historical** **Licence No: 03/28/68/0024** **Details: Spray Irrigation - Direct** **Direct Source: Surface Water Midlands Region** **Point: STAYTHORPE - PINGLEY DYKE** **Data Type: Line** **Name: LATHAM FARMS LTD** **Easting: 473950** **Northing: 353800**	**Annual Volume (m^3): 40000** **Max Daily Volume (m^3): 2500** **Original Application No: -** **Original Start Date: 17/03/1966** **Expiry Date: -** **Issue No: 102** **Version Start Date: 01/04/2015** **Version End Date: -**
8	5m E	Status: Active Licence No: 03/28/68/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: KELHAM - RIVER TRENT Data Type: Line Name: JAMES MILLER (KELHAM) LIMITED Easting: 477600 Northing: 355600	Annual Volume (m^3): 65792 Max Daily Volume (m^3): 1000 Original Application No: - Original Start Date: 05/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 16/03/2005 Version End Date: -

ID	Location	Details	
9	29m SW	Status: Historical Licence No: 03/28/64/0225 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: STAYTHORPE - RUNDELL DYKE (1) Data Type: Point Name: I T JUSTICE (FARMERS) Easting: 475600 Northing: 353560	Annual Volume (m^3): 8000 Max Daily Volume (m^3): 400 Original Application No: - Original Start Date: 09/06/1988 Expiry Date: - Issue No: 100 Version Start Date: 16/03/2005 Version End Date: -
10	99m S	Status: Active Licence No: 03/28/68/0024 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: AVERHAM - RIVER TRENT Data Type: Line Name: LATHAM FARMS LTD Easting: 477020 Northing: 353574	Annual Volume (m^3): 40000 Max Daily Volume (m^3): 2500 Original Application No: NPS/WR/021324 Original Start Date: 17/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 05/06/2017 Version End Date: -
11	103m S	Status: Active Licence No: 03/28/64/0265 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: FARNDON - RIVER TRENT Data Type: Point Name: STRAWSON LTD Easting: 476930 Northing: 353390	Annual Volume (m^3): 8500 Max Daily Volume (m^3): 2200 Original Application No: - Original Start Date: 09/09/1994 Expiry Date: - Issue No: 101 Version Start Date: 13/08/2004 Version End Date: -
12	114m S	Status: Historical Licence No: 03/28/67/0026 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: FARNDON,NEWARK - RIVER TRENT Data Type: Line Name: F HARDY & SONS (FARNDON) LTD Easting: 476820 Northing: 352630	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 03/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/09/1994 Version End Date: -
13	133m S	Status: Historical Licence No: 03/28/68/0024 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: AVERHAM - RIVER TRENT Data Type: Line Name: LATHAM FARMS LTD Easting: 477050 Northing: 353600	Annual Volume (m^3): 40000 Max Daily Volume (m^3): 2500 Original Application No: - Original Start Date: 17/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2015 Version End Date: -

ID	Location	Details	
15	269m SW	Status: Historical Licence No: 03/28/64/0225 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: STAYTHORPE - RUNDELL DYKE (2) Data Type: Point Name: I T JUSTICE (FARMERS) Easting: 475200 Northing: 353100	Annual Volume (m^3): 8000 Max Daily Volume (m^3): 400 Original Application No: - Original Start Date: 09/06/1988 Expiry Date: - Issue No: 100 Version Start Date: 16/03/2005 Version End Date: -
B	274m S	Status: Historical Licence No: 03/28/64/0122 Details: Process Water Direct Source: Surface Water Midlands Region Point: STAYTHORPE POWER STATION - RIVER TRENT Data Type: Point Name: RWE NPOWER PLC Easting: 476510 Northing: 353210	Annual Volume (m^3): 41268120 Max Daily Volume (m^3): 871854 Original Application No: - Original Start Date: 11/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 02/08/2004 Version End Date: -
B	310m S	Status: Active Licence No: 03/28/64/0122 Details: Evaporative Cooling Direct Source: Surface Water Midlands Region Point: STAYTHORPE POWER STATION - RIVER TRENT Data Type: Point Name: RWE Generation UK PLC Easting: 476475 Northing: 353194	Annual Volume (m^3): 41268120 Max Daily Volume (m^3): 115200 Original Application No: NPS/WR/020681 Original Start Date: 11/03/1966 Expiry Date: 31/03/2035 Issue No: 107 Version Start Date: 25/09/2015 Version End Date: -
B	310m S	Status: Active Licence No: 03/28/64/0122 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Surface Water Midlands Region Point: STAYTHORPE POWER STATION - RIVER TRENT Data Type: Point Name: RWE Generation UK PLC Easting: 476475 Northing: 353194	Annual Volume (m^3): 41268120 Max Daily Volume (m^3): 115200 Original Application No: NPS/WR/020681 Original Start Date: 11/03/1966 Expiry Date: 31/03/2035 Issue No: 107 Version Start Date: 25/09/2015 Version End Date: -
B	310m S	Status: Active Licence No: 03/28/64/0122 Details: Non-Evaporative Cooling Direct Source: Surface Water Midlands Region Point: STAYTHORPE POWER STATION - RIVER TRENT Data Type: Point Name: RWE Generation UK PLC Easting: 476475 Northing: 353194	Annual Volume (m^3): 41268120 Max Daily Volume (m^3): 115200 Original Application No: NPS/WR/020681 Original Start Date: 11/03/1966 Expiry Date: 31/03/2035 Issue No: 107 Version Start Date: 25/09/2015 Version End Date: -

ID	Location	Details	
B	310m S	Status: Historical Licence No: 03/28/64/0122 Details: Boiler Feed Direct Source: Surface Water Midlands Region Point: STAYTHORPE POWER STATION - RIVER TRENT Data Type: Point Name: RWE NPOWER PLC Easting: 476475 Northing: 353194	Annual Volume (m^3): 41268120 Max Daily Volume (m^3): 115200 Original Application No: - Original Start Date: 11/03/1966 Expiry Date: 31/03/2035 Issue No: 105 Version Start Date: 27/06/2007 Version End Date: -
B	310m S	Status: Historical Licence No: 03/28/64/0122 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Surface Water Midlands Region Point: STAYTHORPE POWER STATION - RIVER TRENT Data Type: Point Name: RWE NPOWER PLC Easting: 476475 Northing: 353194	Annual Volume (m^3): 41268120 Max Daily Volume (m^3): 115200 Original Application No: - Original Start Date: 11/03/1966 Expiry Date: 31/03/2035 Issue No: 105 Version Start Date: 27/06/2007 Version End Date: -
19	492m SE	Status: Active Licence No: 03/28/68/0031 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RECTORY FARM, NEWARK - RIVER TRENT Data Type: Line Name: MESSRS P L & A P HATTON Easting: 476960 Northing: 354570	Annual Volume (m^3): 25000 Max Daily Volume (m^3): 1210 Original Application No: - Original Start Date: 19/05/1987 Expiry Date: - Issue No: 100 Version Start Date: 03/12/2018 Version End Date: -
20	501m S	Status: Active Licence No: 03/28/64/0223 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: STAYTHORPE - RIVER TRENT Data Type: Point Name: I T JUSTICE (FARMERS) Easting: 476420 Northing: 352990	Annual Volume (m^3): 8250 Max Daily Volume (m^3): 800 Original Application No: NPS/WR/036089 Original Start Date: 09/06/1988 Expiry Date: - Issue No: 101 Version Start Date: 27/06/2021 Version End Date: -
21	518m S	Status: Active Licence No: 03/28/64/0251 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT AT STAYTHORPE Data Type: Point Name: J & J BURNETT LTD Easting: 476562 Northing: 352905	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1200 Original Application No: NPS/WR/017927 Original Start Date: 09/10/1992 Expiry Date: - Issue No: 104 Version Start Date: 03/12/2018 Version End Date: -

ID	Location	Details	
D	539m S	Status: Active Licence No: 03/28/68/0030 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: REACH OF RIVER TRENT AT KELHAM Data Type: Line Name: C T SHELDON LIMITED Easting: 476920 Northing: 354290	Annual Volume (m^3): 40000 Max Daily Volume (m^3): 2700 Original Application No: NPS/WR/021355 Original Start Date: 18/08/1986 Expiry Date: - Issue No: 103 Version Start Date: 20/01/2017 Version End Date: -
D	539m S	Status: Historical Licence No: 03/28/68/0030 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: HOME FARM, KELHAM - RIVER TRENT Data Type: Line Name: C T SHELDON AND SON Easting: 476920 Northing: 354290	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 18/08/1986 Expiry Date: - Issue No: 100 Version Start Date: 01/08/1997 Version End Date: -
E	546m S	Status: Active Licence No: 03/28/64/0251 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: STAYTHORPE, BAGGARLEY RACK - RIVER TRENT Data Type: Point Name: J & J BURNETT LTD Easting: 476446 Northing: 352922	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1200 Original Application No: NPS/WR/017927 Original Start Date: 09/10/1992 Expiry Date: - Issue No: 104 Version Start Date: 03/12/2018 Version End Date: -
E	551m S	Status: Historical Licence No: 03/28/64/0251 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: STAYTHORPE, BAGGARLEY RACK - RIVER TRENT Data Type: Point Name: J & J BURNETT LTD Easting: 476440 Northing: 352920	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 09/10/1992 Expiry Date: - Issue No: 103 Version Start Date: 29/03/2012 Version End Date: -
24	764m S	Status: Active Licence No: 03/28/64/0211 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: WEST OF NEWARK ON TRENT - RIVER TRENT Data Type: Line Name: JAMES MILLER (KELHAM) LIMITED Easting: 477680 Northing: 353370	Annual Volume (m^3): 43165 Max Daily Volume (m^3): 1210 Original Application No: NPS/WR/007119 Original Start Date: 08/05/1986 Expiry Date: - Issue No: 102 Version Start Date: 03/12/2018 Version End Date: -

ID	Location	Details	
25	764m S	Status: Historical Licence No: 03/28/64/0274 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: STAYTHORPE - RIVER TRENT Data Type: Point Name: F HARDY & SONS (FARNDON) LTD Easting: 477680 Northing: 353370	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 06/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 06/10/1995 Version End Date: -
27	946m E	Status: Historical Licence No: 03/28/68/0010 Details: Mineral Washing Direct Source: Surface Water Midlands Region Point: NEWARK QUARRY - RIVER TRENT & LAGOON Data Type: Point Name: TARMAC CENTRAL LIMITED Easting: 479400 Northing: 355600	Annual Volume (m^3): 975117 Max Daily Volume (m^3): 3600 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 10/05/2000 Version End Date: -
F	1025m NE	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (1) Data Type: Point Name: J & J BURNETT LTD Easting: 480074 Northing: 357804	Annual Volume (m^3): 75000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 104 Version Start Date: 01/04/2020 Version End Date: -
F	1040m NE	Status: Historical Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (1) Data Type: Point Name: J & J BURNETT LTD Easting: 480090 Northing: 357800	Annual Volume (m^3): 75000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
G	1157m NE	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (2) Data Type: Point Name: J & J BURNETT LTD Easting: 480154 Northing: 358100	Annual Volume (m^3): 75000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 104 Version Start Date: 01/04/2020 Version End Date: -

ID	Location	Details	
G	1162m NE	Status: Historical Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (2) Data Type: Point Name: J & J BURNETT LTD Easting: 480160 Northing: 358100	Annual Volume (m^3): 75000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
31	1207m S	Status: Historical Licence No: 03/28/64/0254 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: ROLLESTON - RIVER TRENT Data Type: Line Name: MITCHELL Easting: 475950 Northing: 351000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 18/11/1992 Expiry Date: - Issue No: 100 Version Start Date: 18/11/1992 Version End Date: -
I	1431m SW	Status: Historical Licence No: 03/28/64/0111 Details: Dust Suppression Direct Source: Surface Water Midlands Region Point: SOUTHWELL RACECOURSE - RIVER GREET Data Type: Point Name: SOUTHWELL RACECOURSE LTD Easting: 473960 Northing: 352740	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1830 Original Application No: - Original Start Date: 30/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/10/2002 Version End Date: -
I	1431m SW	Status: Historical Licence No: 03/28/64/0111 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTHWELL RACECOURSE - RIVER GREET Data Type: Point Name: SOUTHWELL RACECOURSE LTD Easting: 473960 Northing: 352740	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1830 Original Application No: - Original Start Date: 30/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 31/10/2002 Version End Date: -
I	1435m SW	Status: Active Licence No: MD/028/0064/058 Details: Dust Suppression Direct Source: Surface Water Midlands Region Point: RIVER GREET AT ROLLESTON, NOTTNGHAMSHIRE Data Type: Point Name: Arena Racing (Southwell) Limited Easting: 473957 Northing: 352739	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1830 Original Application No: NPS/WR/031359 Original Start Date: 27/08/2019 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 27/08/2019 Version End Date: -

ID	Location	Details	
I	1435m SW	Status: Active Licence No: MD/028/0064/058 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER GREET AT ROLLESTON, NOTTNGHAMSHIRE Data Type: Point Name: Arena Racing (Southwell) Limited Easting: 473957 Northing: 352739	Annual Volume (m^3): 50000 Max Daily Volume (m^3): 1830 Original Application No: NPS/WR/031359 Original Start Date: 27/08/2019 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 27/08/2019 Version End Date: -
-	1455m NE	Status: Active Licence No: 03/28/68/0022 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: HOLME, NEWARK - RIVER TRENT (POINT2) Data Type: Point Name: Hallam Farms Limited Easting: 480300 Northing: 358500	Annual Volume (m^3): 9092.18 Max Daily Volume (m^3): 545.53 Original Application No: NPS/WR/031910 Original Start Date: 08/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2019 Version End Date: -
35	1502m SW	Status: Historical Licence No: 03/28/64/0315 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Surface Water Midlands Region Point: RIVER GREET AT UPTON MILL NOTTINGHAMSHIRE Data Type: Point Name: J & J BURNETT LTD Easting: 473750 Northing: 353251	Annual Volume (m^3): 12500 Max Daily Volume (m^3): 400 Original Application No: - Original Start Date: 25/05/2007 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 25/05/2007 Version End Date: -
J	1502m SW	Status: Historical Licence No: 03/28/64/0305 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER GREET AT UPTON, NOTTINGHAMSHIRE Data Type: Line Name: J & J BURNETT LTD Easting: 472350 Northing: 353600	Annual Volume (m^3): 24000 Max Daily Volume (m^3): 720 Original Application No: - Original Start Date: 27/06/2003 Expiry Date: 31/03/2015 Issue No: 3 Version Start Date: 01/04/2008 Version End Date: -
J	1511m SW	Status: Active Licence No: 03/28/64/0305/R01 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER GREET AT UPTON, NOTTINGHAM (R01) Data Type: Line Name: J & J BURNETT LTD Easting: 472307 Northing: 353555	Annual Volume (m^3): 24000 Max Daily Volume (m^3): 720 Original Application No: NPS/WR/017103 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -

ID	Location	Details	
-	1594m E	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT - WINTHORPE BRIDGE Data Type: Point Name: J & J BURNETT LTD Easting: 480486 Northing: 356722	Annual Volume (m^3): 75000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 104 Version Start Date: 01/04/2020 Version End Date: -
-	1599m E	Status: Historical Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT - WINTHORPE BRIDGE Data Type: Point Name: J & J BURNETT LTD Easting: 480490 Northing: 356720	Annual Volume (m^3): 75000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
-	1657m W	Status: Active Licence No: 03/28/68/0024 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: UPTON - CARR DYKE Data Type: Line Name: LATHAM FARMS LTD Easting: 472515 Northing: 355260	Annual Volume (m^3): 40000 Max Daily Volume (m^3): 2500 Original Application No: NPS/WR/021324 Original Start Date: 17/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 05/06/2017 Version End Date: -
-	1666m W	Status: Historical Licence No: 03/28/68/0024 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: UPTON - CARR DYKE Data Type: Line Name: LATHAM FARMS LTD Easting: 472500 Northing: 355270	Annual Volume (m^3): 40000 Max Daily Volume (m^3): 2500 Original Application No: - Original Start Date: 17/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2015 Version End Date: -
M	1667m E	Status: Active Licence No: MD/028/0068/001 Details: Hydroelectric Power Generation Direct Source: Surface Water Midlands Region Point: NETHER LOCK WEIR Data Type: Point Name: Greenwheel Nether Lock Hydro Limited Easting: 480087 Northing: 355288	Annual Volume (m^3): 284601600 Max Daily Volume (m^3): 777600 Original Application No: NPS/WR/028638 Original Start Date: 07/10/2016 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 07/10/2021 Version End Date: -

ID	Location	Details	
M	1672m E	Status: Active Licence No: 03/28/68/0003 Details: Non-Evaporative Cooling Direct Source: Surface Water Midlands Region Point: NETHER WEIR RIVER TRENT NEWARK SUGAR FACTORY Data Type: Point Name: BRITISH SUGAR PLC Easting: 480092 Northing: 355286	Annual Volume (m^3): 1545672 Max Daily Volume (m^3): 11000 Original Application No: NPS/WR/020321 Original Start Date: 14/12/1965 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2015 Version End Date: -
-	1753m E	Status: Active Licence No: 03/28/68/0022 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: HOLME, NEWARK - RIVER TRENT (POINT3) Data Type: Point Name: Hallam Farms Limited Easting: 480800 Northing: 357600	Annual Volume (m^3): 9092.18 Max Daily Volume (m^3): 545.53 Original Application No: NPS/WR/031910 Original Start Date: 08/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2019 Version End Date: -
-	1871m SW	Status: Active Licence No: 03/28/64/0291 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: ROLLESTON - RIVER GREET Data Type: Point Name: Bosworth Easting: 474060 Northing: 351920	Annual Volume (m^3): 23548 Max Daily Volume (m^3): 900 Original Application No: NPS/WR/011938 Original Start Date: 29/09/1995 Expiry Date: - Issue No: 101 Version Start Date: 03/01/2013 Version End Date: -
-	1871m SW	Status: Active Licence No: 03/28/64/0290 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: ROLLESTON - RIVER GREET Data Type: Point Name: HANMER Easting: 474060 Northing: 351920	Annual Volume (m^3): 95000 Max Daily Volume (m^3): 3600 Original Application No: - Original Start Date: 29/09/1995 Expiry Date: - Issue No: 100 Version Start Date: 29/09/1995 Version End Date: -
45	1940m SW	Status: Historical Licence No: 03/28/64/0170 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: FISKERTON, NOTTS - MARLOCK DYKE Data Type: Point Name: HAMMOND Easting: 473870 Northing: 352000	Annual Volume (m^3): 9000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 23/12/1976 Expiry Date: - Issue No: 100 Version Start Date: 16/07/1986 Version End Date: -

ID	Location	Details	
P	1943m SE	Status: Active Licence No: MD/028/0067/009 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER DEVON DOWNSTREAM OF HAWTON Data Type: Line Name: J & J BURNETT LTD Easting: 478452 Northing: 351372	Annual Volume (m^3): 73480 Max Daily Volume (m^3): 2080 Original Application No: NPS/NA/000193 Original Start Date: 09/05/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 01/04/2021 Version End Date: -
P	1943m SE	Status: Active Licence No: MD/028/0067/009 Details: Trickle Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER DEVON DOWNSTREAM OF HAWTON Data Type: Line Name: J & J BURNETT LTD Easting: 478452 Northing: 351372	Annual Volume (m^3): 73480 Max Daily Volume (m^3): 2080 Original Application No: NPS/NA/000193 Original Start Date: 09/05/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 01/04/2021 Version End Date: -
48	1961m SW	Status: Historical Licence No: 03/28/64/0169 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: FISKERTON CUM MORTON - BECK DYKE (2) Data Type: Point Name: HAMMOND Easting: 473750 Northing: 352100	Annual Volume (m^3): 45000 Max Daily Volume (m^3): 1200 Original Application No: - Original Start Date: 23/12/1976 Expiry Date: - Issue No: 100 Version Start Date: 16/07/1986 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	**0**

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.

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

5.9 Source Protection Zones

Records within 500m	0

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

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

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

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m	286

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 118 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	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
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
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.	Underground	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
7	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pingley Dyke
8	On site	Inland river not influenced by normal tidal action.	Underground	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)	-
10	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
11	On site	Inland river not influenced by normal tidal action.	Underground	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	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
15	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
16	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
19	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
20	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
21	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
22	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
23	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
24	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
25	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
26	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
27	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pingley Dyke
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)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
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)	-

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

ID	Location	Type of water feature	Ground level	Permanence	Name
R	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.	Underground	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)	-
T	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	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
BA	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AC	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AC	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
BB	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
BB	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AC	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
BB	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
BB	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
AC	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
BB	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
BB	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AD	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
BC	**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
AE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BD	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BD	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AI	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AJ	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
BI	**On site**	**Lake, loch or reservoir.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AK	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
AK	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
AK	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AK	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
AL	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AM	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AN	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AO	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AP	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AP	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-
AP	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	-
AP	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-

ID	Location	Type of water feature	Ground level	Permanence	Name
AP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AT	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AU	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	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
AW	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
AX	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**-**
AX	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
AY	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
AZ	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**-**
AZ	**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)**	**-**
43	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
44	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
45	1m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
46	1m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BJ	1m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pingley Dyke
47	1m NE	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
48	1m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BM	1m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	2m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BO	2m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	2m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	2m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
49	2m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BL	3m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	3m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BP	3m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	4m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BR	5m W	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
P	9m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
P	9m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
51	9m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
P	9m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	11m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
53	13m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
54	13m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BT	14m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
55	15m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
57	15m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
58	15m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
59	17m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
BQ	18m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
61	20m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
P	22m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
64	25m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Rundell Dyke
BN	26m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	26m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BL	27m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
65	28m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
P	30m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	36m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BV	37m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BS	38m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BU	39m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BV	40m E	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
BW	44m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	46m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	48m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BX	50m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	50m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
BV	50m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BV	50m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BV	50m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BZ	51m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BV	51m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
71	53m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	53m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BV	55m E	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
BQ	56m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
73	57m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BW	57m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
74	58m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CA	59m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
75	60m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
BY	60m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
BW	61m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CB	65m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BV	68m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CC	70m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
76	70m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	73m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
CD	73m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CE	76m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	76m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
78	78m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
79	78m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CF	79m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
BW	79m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	79m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	81m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CF	81m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
80	86m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CG	92m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CG	92m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
81	93m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CE	94m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CG	95m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
82	98m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CI	99m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	100m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CJ	107m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CK	110m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
83	111m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
84	112m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BW	113m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	115m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	116m SW	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
CL	116m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CM	117m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CN	118m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	119m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CA	119m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CO	120m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CP	121m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CA	122m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CO	123m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CF	123m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CF	123m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CQ	124m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CP	124m W	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
BQ	134m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
88	140m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
89	140m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CR	140m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CS	142m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CN	143m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BQ	145m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
91	146m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CF	146m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CN	146m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	146m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CT	146m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CS	148m W	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
93	149m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
95	151m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
96	151m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CF	153m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
97	158m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
99	159m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
100	159m S	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
CV	159m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	160m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
101	168m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BQ	170m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CR	170m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
CW	171m 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
BQ	175m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	176m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	176m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
103	179m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Pingley Dyke
BQ	182m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
104	182m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pingley Dyke
BQ	184m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
106	193m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	195m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
107	198m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
BQ	202m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
110	207m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	208m E	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
CZ	213m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
111	222m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
BQ	225m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
112	232m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
DB	233m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
113	234m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
114	235m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	237m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	240m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	241m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DD	241m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
117	243m NE	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	90

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 118 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	4

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 118 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
39	**On site**	**River**	**Greet Catchment (trib of Trent)**	**GB104028053410**	**Nottinghamshire South A**	**Trent Lower and Erewash**
40	**On site**	**River**	**Trent from Soar to The Beck**	**GB104028053110**	**Nottingham Urban**	**Trent Lower and Erewash**
W	**On site**	**River**	**Trent Bifurcation Pingley Dyke to Winthorpe**	**GB104028053390**	**Nottinghamshire South A**	**Trent Lower and Erewash**
BK	**On site**	**River**	**Pingley/Rundell Dyke Catch Upper (trib of Trent)**	**GB104028053420**	**Nottinghamshire South A**	**Trent Lower and Erewash**

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

6.4 WFD Surface water bodies

Records identified	4

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 118 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
41	**On site**	**River**	**Pingley/Rundell Dyke Catch Upper (trib of Trent)**	**GB104028053420**	**Moderate**	**Fail**	**Good**	**2019**
56	15m E	River	Trent Bifurcation Pingley Dyke to Winthorpe	GB104028053390	Moderate	Fail	Moderate	2019
69	50m S	River	Trent from Soar to The Beck	GB104028053110	Moderate	Fail	Moderate	2019
-	1413m SW	River	Greet Catchment (trib of Trent)	GB104028053410	Poor	Fail	Poor	2019

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

6.5 WFD Groundwater bodies

Records on site	1

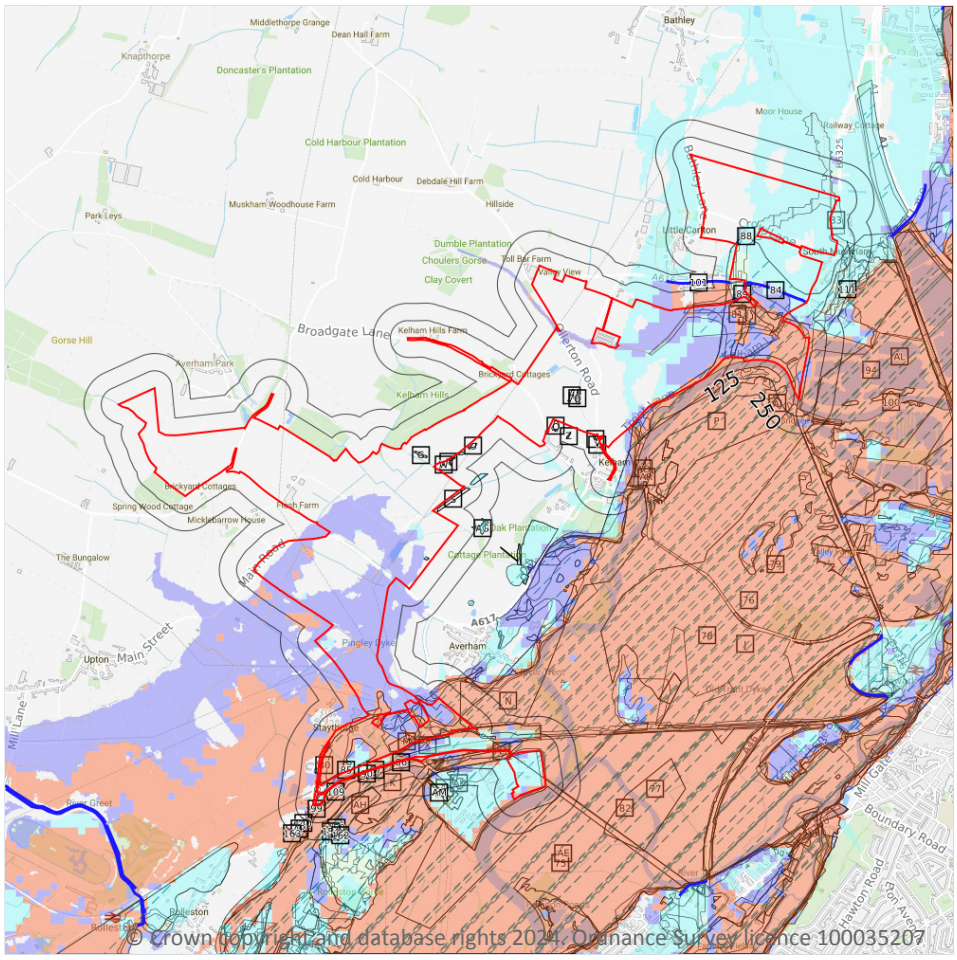
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 118 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
42	**On site**	**Lower Trent Erewash - Secondary Combined**	**GB40402G990300**	**Good**	**Good**	**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	112

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 143 >**

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

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

7.2 Historical Flood Events

Records within 250m	**73**

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 143 >**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
C	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
C	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
G	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
G	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
H	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
H	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
I	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
I	**On site**	**Lower Trent - 10 Nov 2000**	**2000-11-10 2000-11-10**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
J	**On site**	**Fluvial Trent March 1947**	**1947-03-01 1947-03-31**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
J	**On site**	**Fluvial Trent March 1947**	**1947-03-01 1947-03-31**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
K	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
75	On site	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
K	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
L	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
76	On site	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
L	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
M	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
77	On site	Fluvial Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
M	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
N	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
78	On site	Fluvial Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
N	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
O	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
O	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
79	On site	Trent 1932 Gunthorpe - Newark	1932-01-01 1932-01-01	Main river	Channel capacity exceeded (no raised defences)	Fluvial
P	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
P	On site	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
80	On site	Trent 8th November 2000	2000-11-08 2000-11-08	Main river	Channel capacity exceeded (no raised defences)	Fluvial

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
81	**On site**	**Trent 8th November 2000**	**2000-11-08 2000-11-08**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
82	**On site**	**Trent 8th November 2000**	**2000-11-08 2000-11-08**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
83	**On site**	**Trent 8th November 2000**	**2000-11-08 2000-11-08**	**Main river**	**Channel capacity exceeded (no raised defences)**	**Fluvial**
Q	1m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
Q	1m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
R	6m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
R	6m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
S	9m SW	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
S	9m SW	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
T	9m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
T	9m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
U	10m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
U	10m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
94	12m E	Fluvial Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
V	14m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
V	14m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
W	14m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
W	14m W	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
X	16m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
X	16m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
Y	17m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
Y	17m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
100	21m E	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
Z	40m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
Z	40m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AB	47m SW	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AB	47m SW	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AE	73m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AE	73m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AG	101m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AG	101m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AH	113m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AH	113m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AI	113m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AI	113m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AJ	117m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
AJ	117m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AK	126m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AK	126m S	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AL	128m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AL	128m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AQ	184m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AQ	184m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AR	217m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
AR	217m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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

7.3 Flood Defences

Records within 250m	**3**

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.

Features are displayed on the River and coastal flooding map on **page 143 >**

ID	Location	Update
84	**On site**	**08/11/2022**
89	2m NE	08/11/2022
101	23m NE	08/11/2022

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	16

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.

Features are displayed on the River and coastal flooding map on **page 143 >**

ID	Location	
85	**On site**	**Area benefiting from flood defences**
86	**On site**	**Area benefiting from flood defences**
87	**On site**	**Area benefiting from flood defences**
88	**On site**	**Area benefiting from flood defences**
90	4m S	Area benefiting from flood defences
99	15m SW	Area benefiting from flood defences
109	35m SW	Area benefiting from flood defences
111	41m NE	Area benefiting from flood defences
AA	87m S	Area benefiting from flood defences
AM	136m S	Area benefiting from flood defences
140	145m SW	Area benefiting from flood defences
AP	175m SW	Area benefiting from flood defences
150	186m SW	Area benefiting from flood defences
154	193m SW	Area benefiting from flood defences
162	241m SW	Area benefiting from flood defences
163	245m SW	Area benefiting from flood defences

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

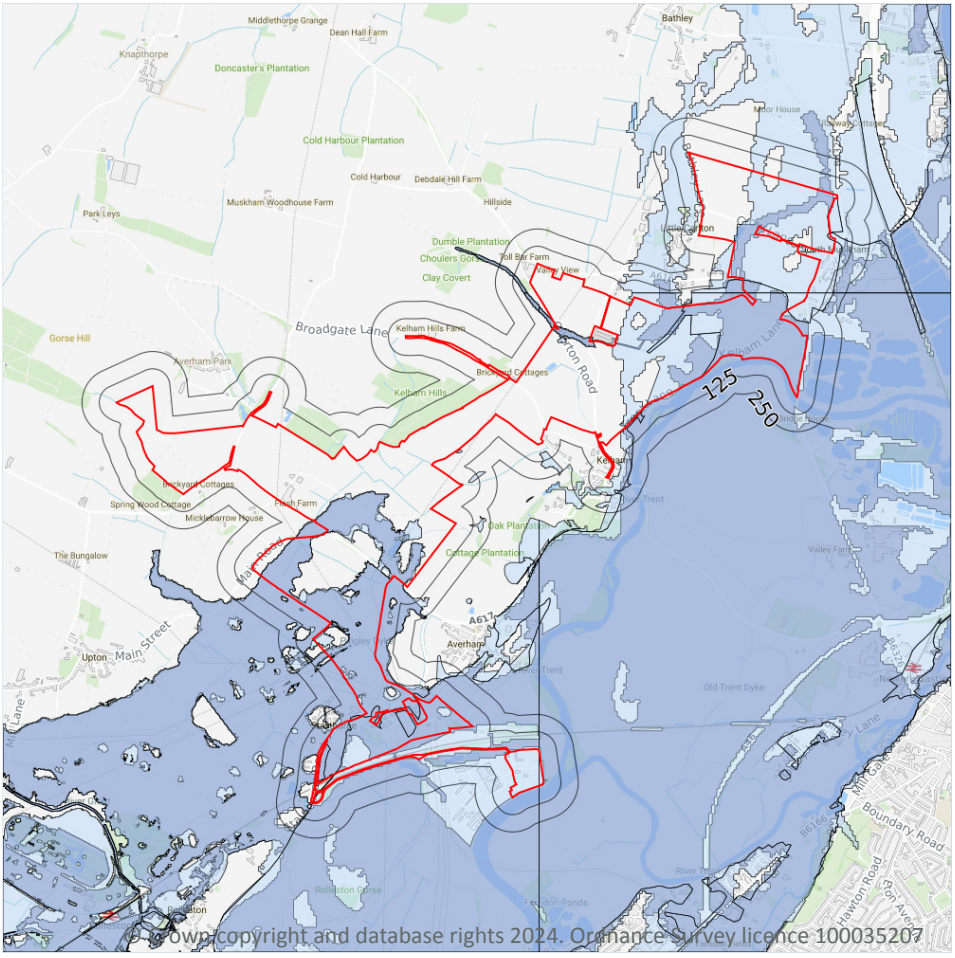
7.5 Flood Storage Areas

Records within 250m	0

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

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

River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 143 >**

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

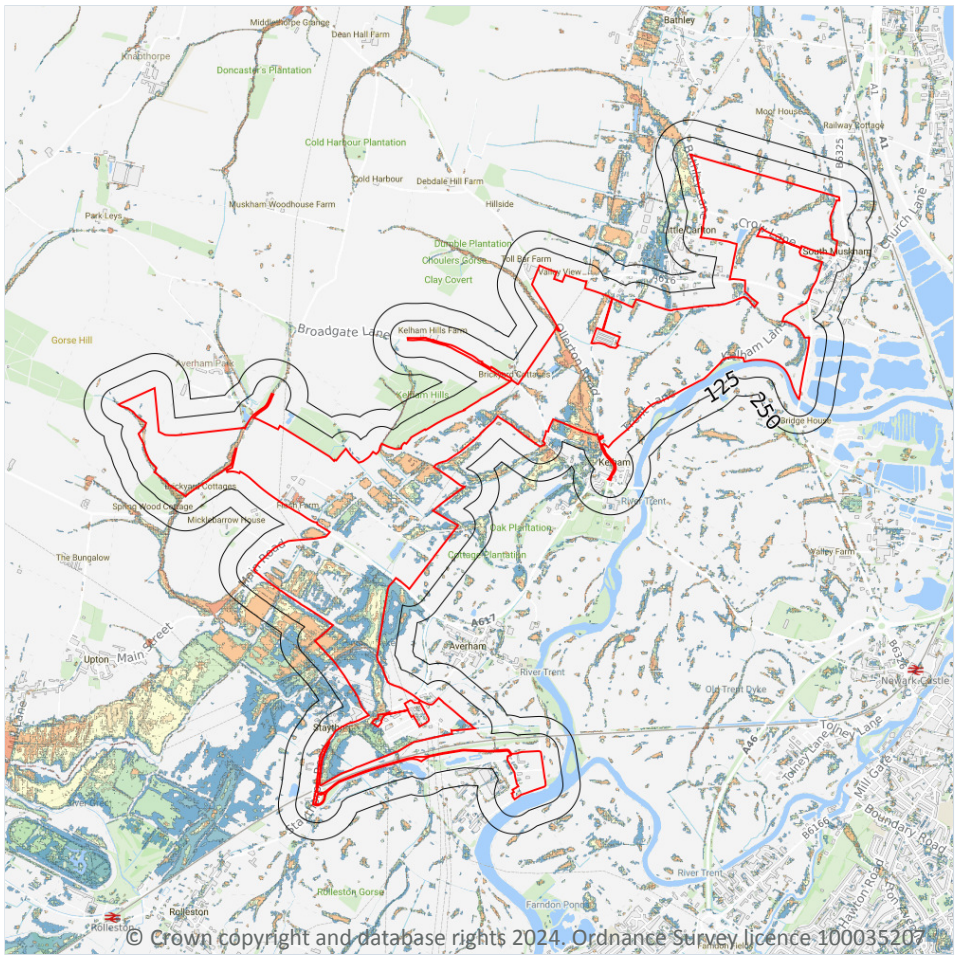
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 143 >**

Location	Type
On site	**Zone 3 - (Fluvial Models)**

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

8 Surface water flooding



Site Outline
Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 30 year, 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 152 >**

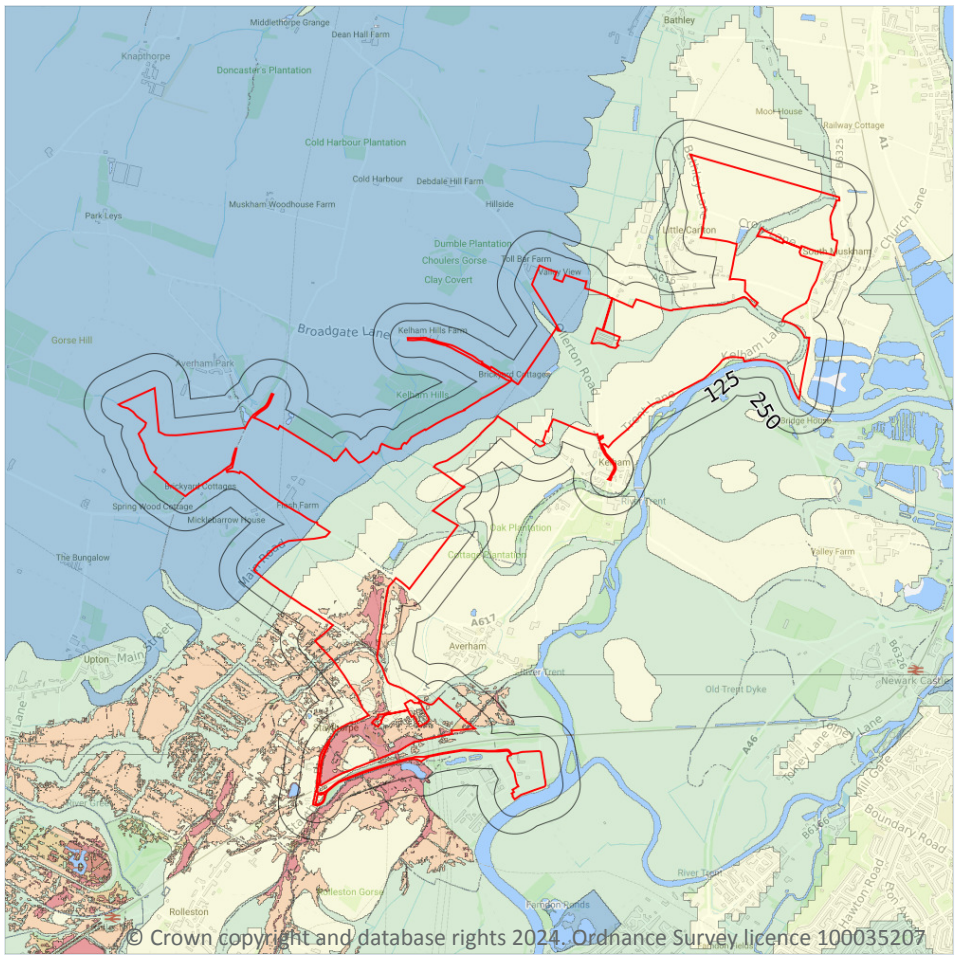
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

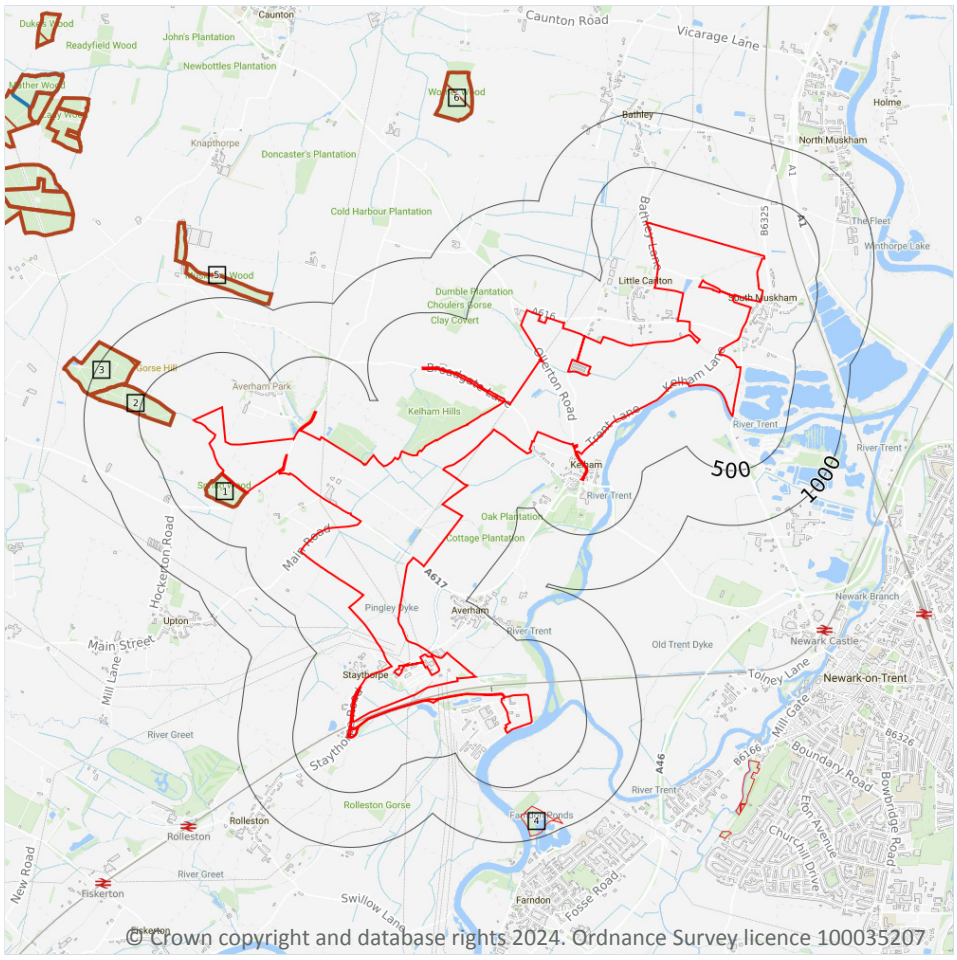
Highest risk on site	**High**
Highest risk within 50m	**High**

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

Features are displayed on the Groundwater flooding map on **page 154 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



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Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Local Nature Reserves (LNR)

Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1

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.

Features are displayed on the Environmental designations map on **page 155 >**

ID	Location	Name	Data source
4	706m S	Farndon Ponds	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m	5

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

Features are displayed on the Environmental designations map on **page 155 >**

ID	Location	Name	Woodland Type
1	**On site**	**Spring Wood**	**Ancient & Semi-Natural Woodland**
2	188m W	Cheveral Wood	Ancient Replanted Woodland
3	701m W	Cheveral Wood	Ancient & Semi-Natural Woodland
5	1020m NW	Unknown	Ancient & Semi-Natural Woodland
6	1838m N	Worner 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	0

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

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

10.12 Proposed Ramsar sites

Records within 2000m	0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m	11

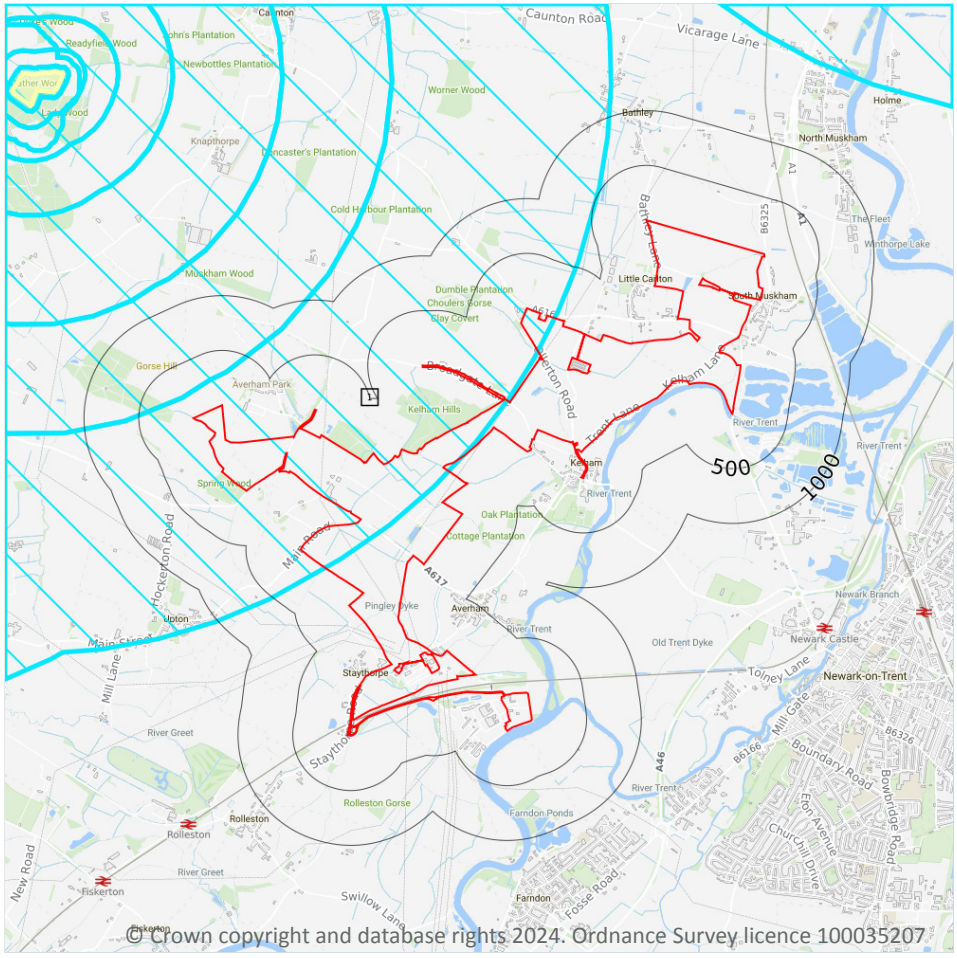
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	**River Trent from River Soar to Carlton-on-Trent NVZ**	**Surface Water**	**320**	**Existing**
On site	**River Trent from River Soar to Carlton-on-Trent NVZ**	**Surface Water**	**320**	**Existing**
On site	**Hallhaughton Dumble Catchment (trib of R Greet) NVZ**	**Surface Water**	**328**	**Existing**
On site	**River Trent bifurcation pingley dyke to winthorpe NVZ**	**Surface Water**	**330**	**Existing**
On site	**River Trent bifurcation pingley dyke to winthorpe NVZ**	**Surface Water**	**330**	**Existing**
On site	**River Trent bifurcation pingley dyke to winthorpe NVZ**	**Surface Water**	**330**	**Existing**
On site	**River Trent bifurcation pingley dyke to winthorpe NVZ**	**Surface Water**	**330**	**Existing**
672m NW	The Beck Catchment (trib of Trent) NVZ	Surface Water	332	Existing

Location	Name	Type	NVZ ID	Status
886m NW	The Beck Catchment (trib of Trent) NVZ	Surface Water	332	Existing
1165m SW	Hallhaughton Dumble Catchment (trib of R Greet) NVZ	Surface Water	328	Existing
1470m S	SMITE R NVZ	Surface Water	317	Existing

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

SSSI Impact Zones and Units



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Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site	1

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 161 >**

ID	Location	Type of developments requiring consultation
1	**On site**	**Infrastructure - Airports, helipads and other aviation proposals.** **Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.**

This data is sourced from Natural England.

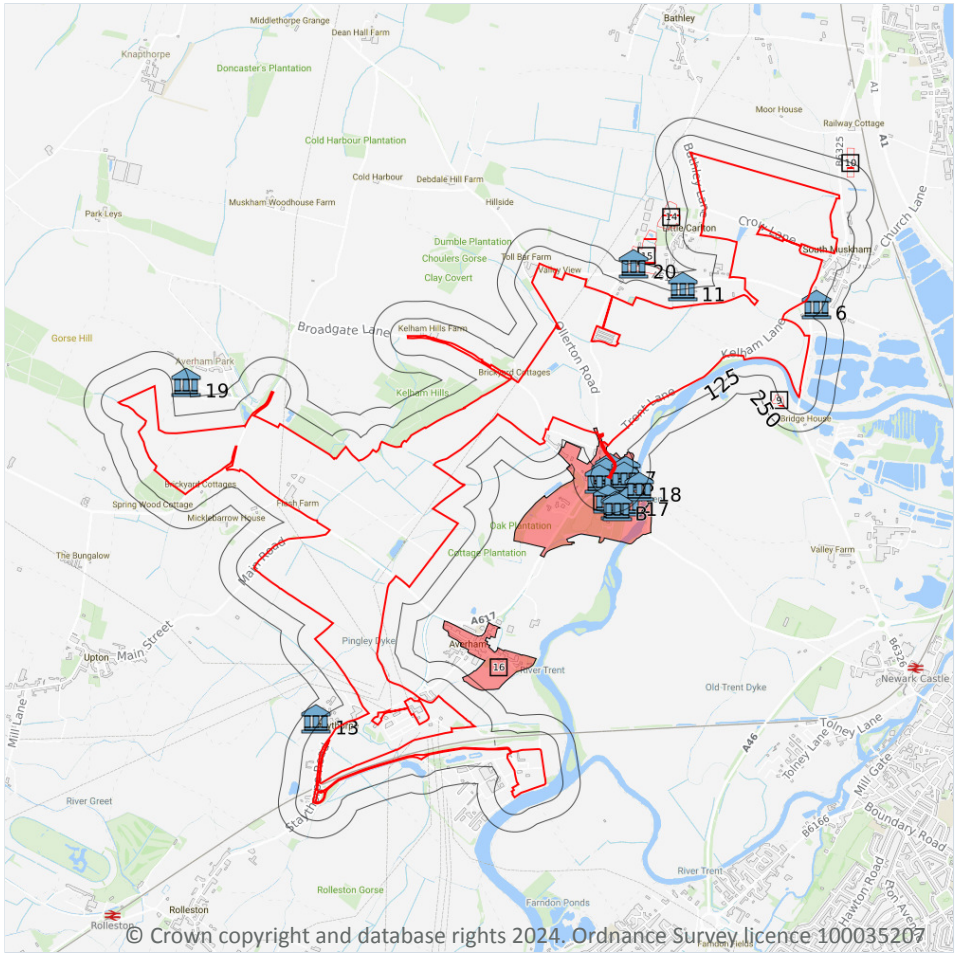
10.18 SSSI Units

Records within 2000m	0

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

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

11 Visual and cultural designations



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Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

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.

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	19

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 163 >**

ID	Location	Name	Grade	Reference Number	Listed date
A	3m E	Railing And Gate At No 6	II	1369983	22/10/1974
A	13m E	6, Main Street	II	1302194	22/10/1974
2	21m E	Lodge And Gateway At Kelham Hall	II	1369984	19/09/1985
3	23m E	Manor Farm House	II	1178972	19/09/1985
A	30m E	Stable At No 6	II	1178929	19/09/1985
4	55m E	Thirty-Six Railing Piers At Kelham Hall	II	1178966	19/09/1985

ID	Location	Name	Grade	Reference Number	Listed date
5	66m E	Farm Buildings At Home Farm	II	1045987	19/09/1985
6	76m NE	Grange Farmhouse And Adjoining Farm Buildings	II	1045964	06/08/1985
7	77m E	4,6,8, Blacksmith Lane	II	1045986	07/08/1981
8	81m E	Blacksmith Cottage	II	1045985	19/09/1985
11	144m NE	The Gables	II*	1369972	21/11/1974
12	147m SE	Former Monastic Buildings Adjoining Kelham Hall	II	1045944	08/11/1990
13	157m SW	The Manor House	II	1370184	13/03/1986
17	203m SE	Gazebo And Garden Wall At Kelham Hall	II*	1045983	19/09/1985
B	203m SE	Kelham Hall	I	1045982	13/06/1973
18	210m E	Kelham Bridge	II	1045988	07/08/1951
B	211m SE	Seven Garden Urns At Kelham Hall	II	1178868	19/09/1985
19	229m W	South Farm	II	1046004	11/08/1961
20	246m NE	Manor Farm Cottages	II	1301913	19/09/1985

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

11.5 Conservation Areas

Records within 250m	**2**

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 163 >**

ID	Location	Name	District	Date of designation
1	**On site**	**Kelham**	**Newark and Sherwood**	**03/1992**
16	202m S	Averham	Newark and Sherwood	03/1992

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

11.6 Scheduled Ancient Monuments

Records within 250m	4

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

Features are displayed on the Visual and cultural designations map on **page 163 >**

ID	Location	Ancient monument name	Reference number
9	100m E	Civil War Sconce 150m west of Muskham Bridge	1017620
10	143m NE	Site of pit alignments	1003493
14	167m NE	Little Carlton medieval village and part of the meadow field system	1019870
15	190m NE	Little Carlton medieval village and part of the meadow field system	1019870

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

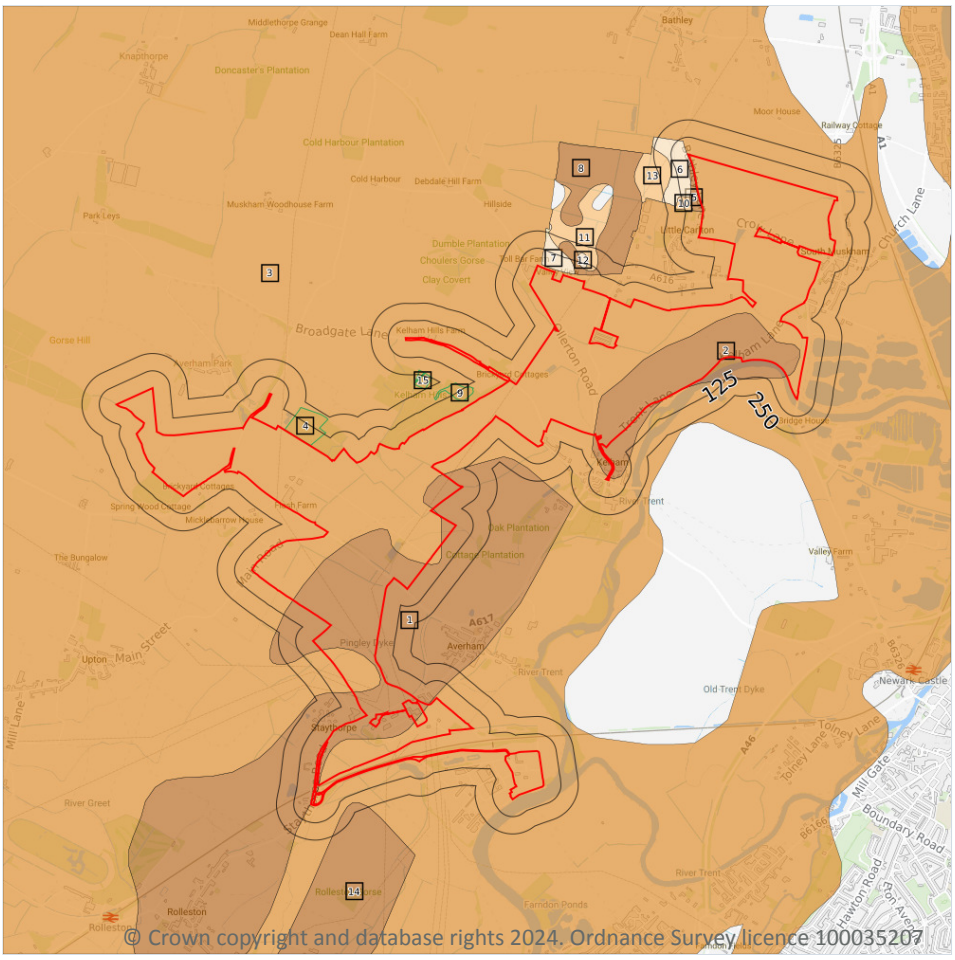
11.7 Registered Parks and Gardens

Records within 250m	0

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

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

12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m	12

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 167 >**

ID	Location	Classification	Description
1	**On site**	**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.**
2	**On site**	**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.**
3	**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.**
5	5m NE	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.
6	5m NE	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
7	17m N	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
8	33m NE	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.
10	66m NE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
11	80m NE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

ID	Location	Classification	Description
12	91m NE	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
13	147m NE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
14	178m SW	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	**3**

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 167 >**

ID	Location	Description	Reference	Application date
4	3m W	Selective Fell/Thin (Unconditional)	017/62/16-17	23/05/2016
9	48m NW	Clear Fell (Unconditional)	017/227/13-14	03/09/2013
15	218m NW	Clear Fell (Unconditional)	017/227/13-14	03/09/2013

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	17

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

Location	Reference	Scheme	Start Date	End date
On site	**AG00318797**	**Entry Level plus Higher Level Stewardship**	**01/08/2011**	**31/07/2023**
On site	**AG00318797**	**Entry Level plus Higher Level Stewardship**	**01/08/2011**	**31/07/2023**
On site	**AG00318797**	**Entry Level plus Higher Level Stewardship**	**01/08/2011**	**31/07/2023**
On site	**AG00318797**	**Entry Level plus Higher Level Stewardship**	**01/08/2011**	**31/07/2023**
On site	**AG00318797**	**Entry Level plus Higher Level Stewardship**	**01/08/2011**	**31/07/2023**
On site	**AG00318797**	**Entry Level plus Higher Level Stewardship**	**01/08/2011**	**31/07/2023**
On site	**AG00283754**	**Entry Level plus Higher Level Stewardship**	**01/02/2009**	**31/01/2019**
On site	**AG00283754**	**Entry Level plus Higher Level Stewardship**	**01/02/2009**	**31/01/2019**
On site	**AG00283754**	**Entry Level plus Higher Level Stewardship**	**01/02/2009**	**31/01/2019**
On site	**AG00283754**	**Entry Level plus Higher Level Stewardship**	**01/02/2009**	**31/01/2019**
On site	**AG00283754**	**Entry Level plus Higher Level Stewardship**	**01/02/2009**	**31/01/2019**
8m S	AG00318797	Entry Level plus Higher Level Stewardship	01/08/2011	31/07/2023
23m N	AG00283754	Entry Level plus Higher Level Stewardship	01/02/2009	31/01/2019
59m E	AG00283754	Entry Level plus Higher Level Stewardship	01/02/2009	31/01/2019
65m E	AG00283754	Entry Level plus Higher Level Stewardship	01/02/2009	31/01/2019
84m S	AG00318797	Entry Level plus Higher Level Stewardship	01/08/2011	31/07/2023
164m SW	AG00318797	Entry Level plus Higher Level Stewardship	01/08/2011	31/07/2023

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

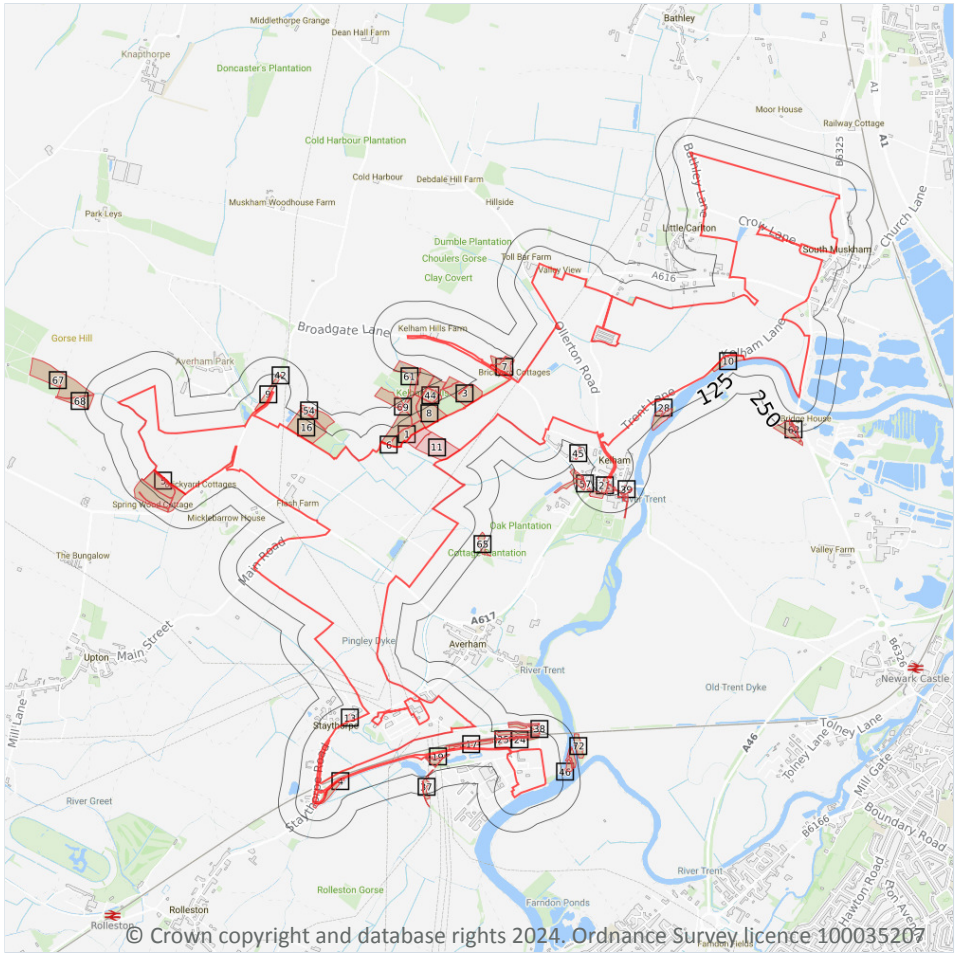
Records within 250m	14

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	**1049311**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**
On site	**1049311**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**
On site	**1049311**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**
On site	**1049311**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**
On site	**828066**	**Countryside Stewardship (Middle Tier)**	**01/01/2020**	**31/12/2024**
On site	**828066**	**Countryside Stewardship (Middle Tier)**	**01/01/2020**	**31/12/2024**
On site	**828066**	**Countryside Stewardship (Middle Tier)**	**01/01/2020**	**31/12/2024**
10m N	1441886	Countryside Stewardship (Middle Tier)	01/01/2023	31/12/2027
30m E	1049311	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
59m E	828066	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
106m S	1060731	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
181m W	828066	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
187m W	985553	Countryside Stewardship (Higher Tier)	01/01/2021	31/12/2025
187m W	1266106	Tree Health Restoration	01/03/2022	29/02/2024

This data is sourced from Natural England.

13 Habitat designations



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13.1 Priority Habitat Inventory

Records within 250m	76

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 172 >**

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (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**	**Good quality semi-improved grassland**	**Main habitat: GQSIG (INV > 50%)**
12	**On site**	**Good quality semi-improved grassland**	**Main habitat: GQSIG (INV > 50%)**
13	**On site**	**Traditional orchard**	**Overruled by Traditional Orchards HAP Inventory dataset**
14	1m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	1m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	1m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	2m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	3m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	4m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	5m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
19	7m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
20	9m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	10m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
22	20m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	24m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	26m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
25	30m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	40m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
27	51m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
28	57m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
29	61m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
30	62m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
31	69m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
32	75m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
33	76m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
34	93m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
35	97m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
36	103m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
37	109m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
38	110m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
39	114m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
40	114m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
41	118m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
42	126m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
43	129m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
44	131m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
45	132m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
46	137m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
47	140m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
48	141m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
49	146m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
50	158m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
51	161m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
52	161m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
53	162m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
54	164m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	164m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
55	167m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
56	167m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
57	168m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
58	171m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
59	172m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
60	172m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
61	174m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
62	175m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
63	177m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
64	177m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
65	180m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
66	182m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
67	187m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
68	187m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
69	192m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	195m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
70	197m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
71	208m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
72	245m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	**0**

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	**0**

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

This data is sourced from Natural England.

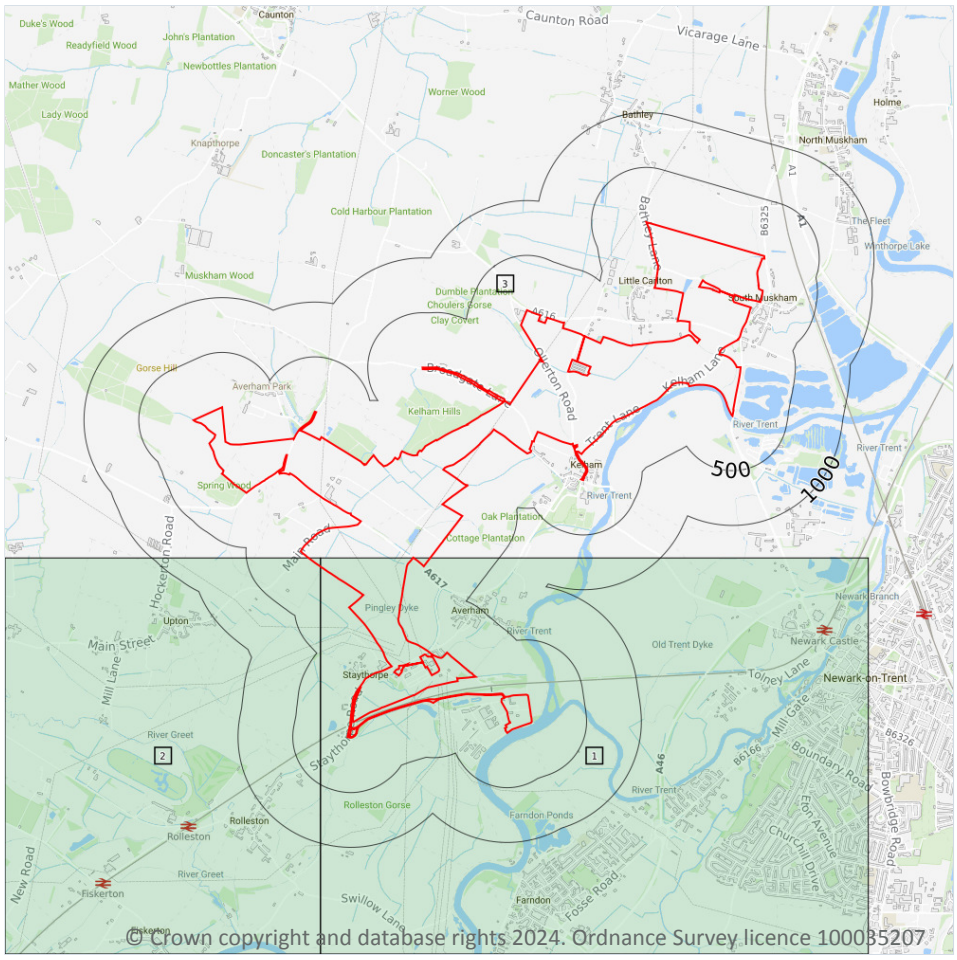
13.4 Limestone Pavement Orders

Records within 250m	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	3

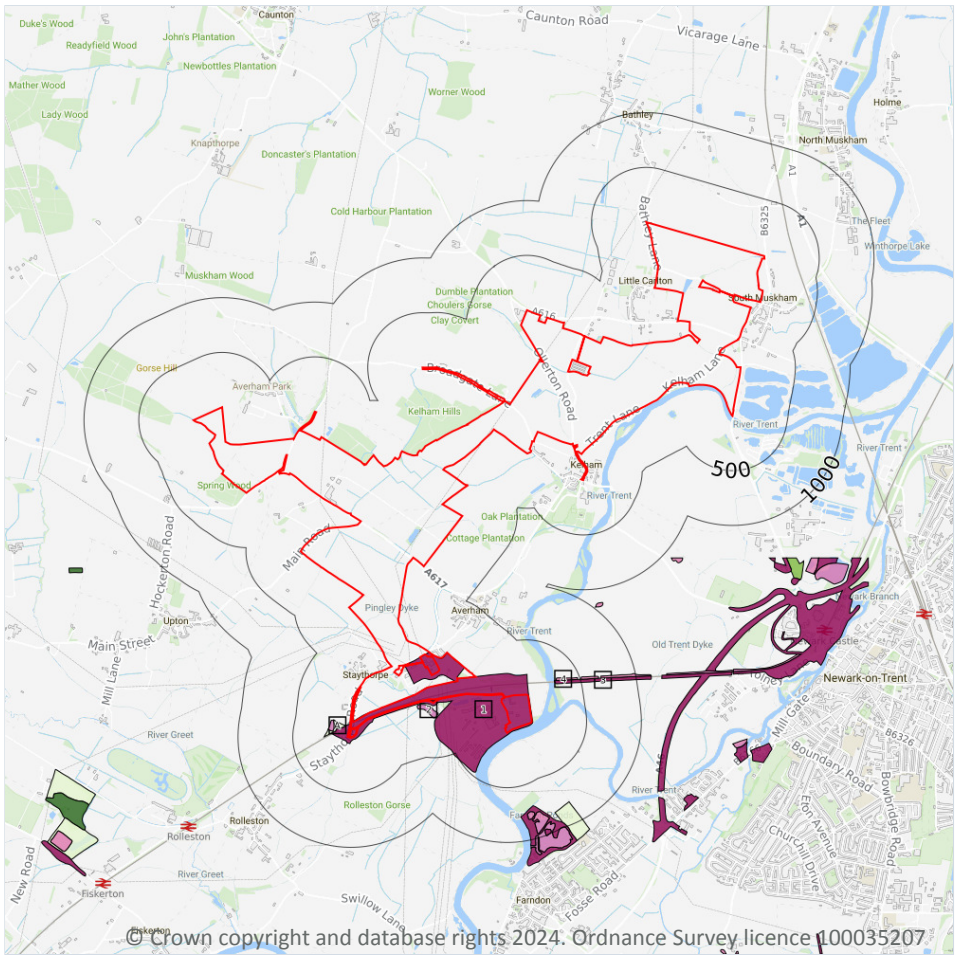
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 177 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SK75SE
2	On site	Full	Full	Full	No coverage	SK75SW
3	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



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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	6

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.

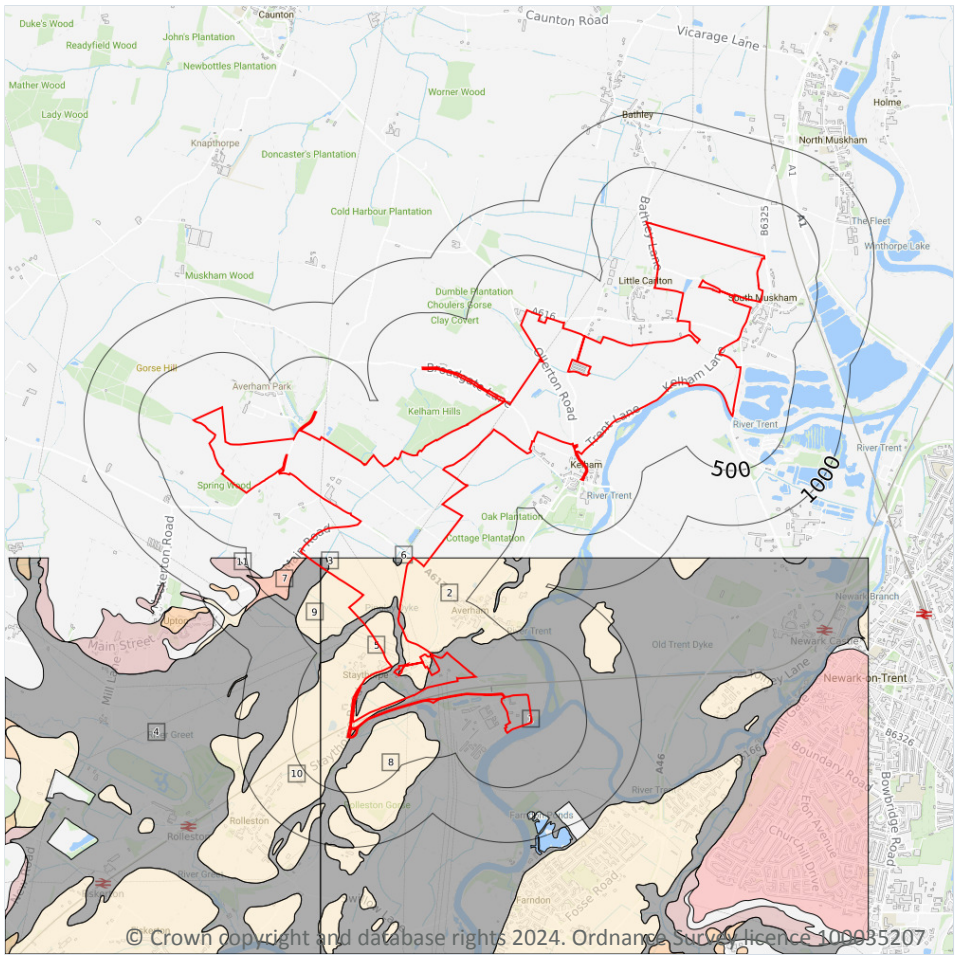
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 178 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
2	22m S	WGR-VOID	Worked Ground (Undivided)	Void
A	34m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
A	138m SW	WGR-VOID	Worked Ground (Undivided)	Void

ID	Location	LEX Code	Description	Rock description
3	272m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	293m S	WGR-VOID	Worked Ground (Undivided)	Void

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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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 180 >**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-CZ	Alluvium - Silty Clay	Clay, Silty
2	On site	HPSG-XSV	Holme Pierrepont Sand And Gravel Member - Sand And Gravel	Sand And Gravel
3	On site	ALV-CZ	Alluvium - Silty Clay	Clay, Silty

ID	Location	LEX Code	Description	Rock description
4	**On site**	**ALV-CZ**	**Alluvium - Silty Clay**	**Clay, Silty**
5	**On site**	**HPSG-XSV**	**Holme Pierrepont Sand And Gravel Member - Sand And Gravel**	**Sand And Gravel**
6	**On site**	**ALV-CZ**	**Alluvium - Silty Clay**	**Clay, Silty**
7	13m SW	ALF-XCZ	Alluvial Fan Deposits - Clay And Silt	Clay And Silt
8	60m SW	HPSG-XSV	Holme Pierrepont Sand And Gravel Member - Sand And Gravel	Sand And Gravel
9	103m SW	HPSG-XSV	Holme Pierrepont Sand And Gravel Member - Sand And Gravel	Sand And Gravel
10	247m SW	HPSG-XSV	Holme Pierrepont Sand And Gravel Member - Sand And Gravel	Sand And Gravel
11	424m SW	HEAD-XSC	Head - Sand And Clay	Sand And Clay

This data is sourced from the British Geological Survey.

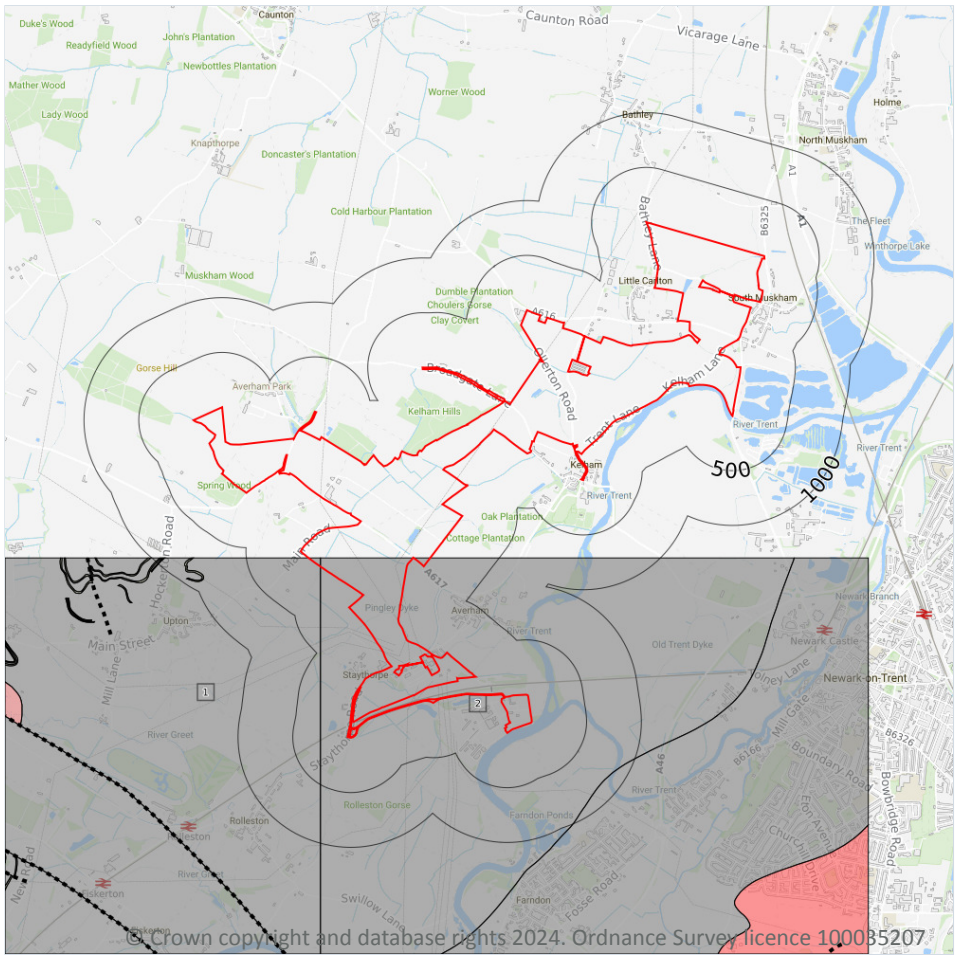
14.4 Landslip (10k)

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



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Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m	2

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 182 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**GUN-MDSS**	**Gunthorpe Member - Mudstone, Siltstone And Sandstone**	**Ladinian Age - Anisian Age**
2	**On site**	**GUN-MDSS**	**Gunthorpe Member - Mudstone, Siltstone And Sandstone**	**Ladinian Age - Anisian Age**

This data is sourced from the British Geological Survey.

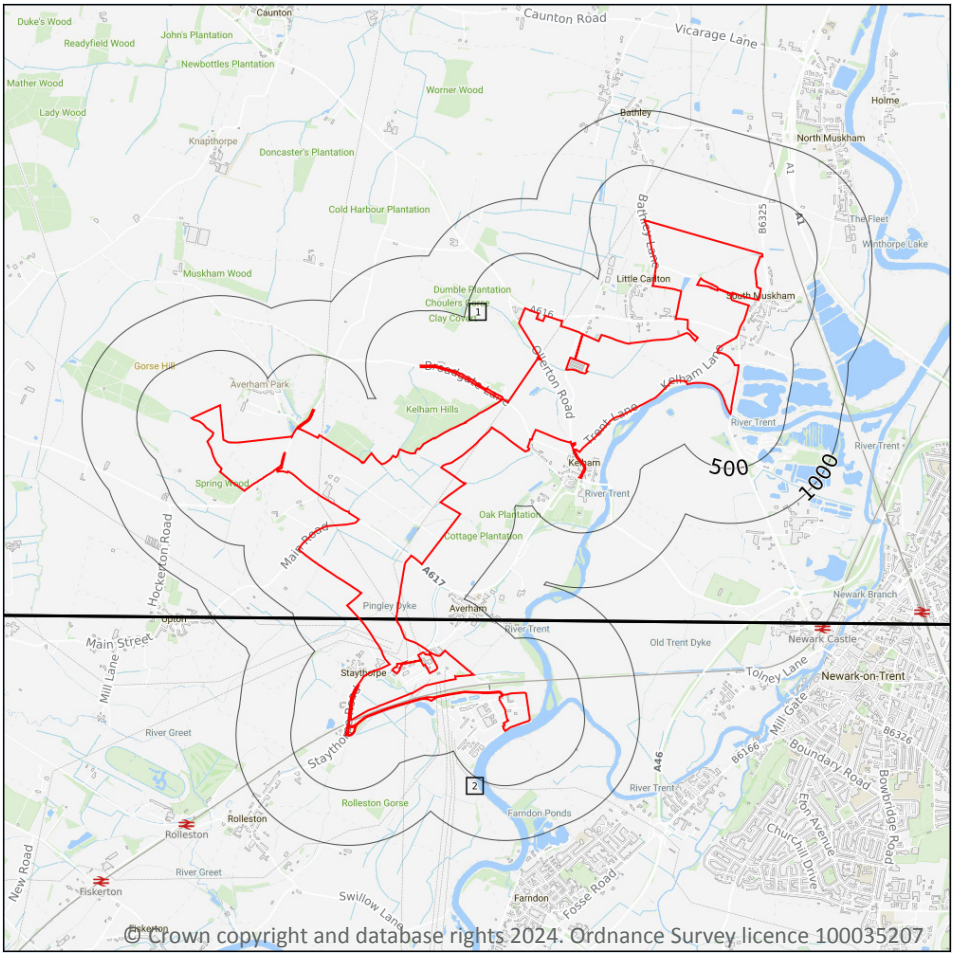
14.6 Bedrock faults and other linear features (10k)

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



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Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	2

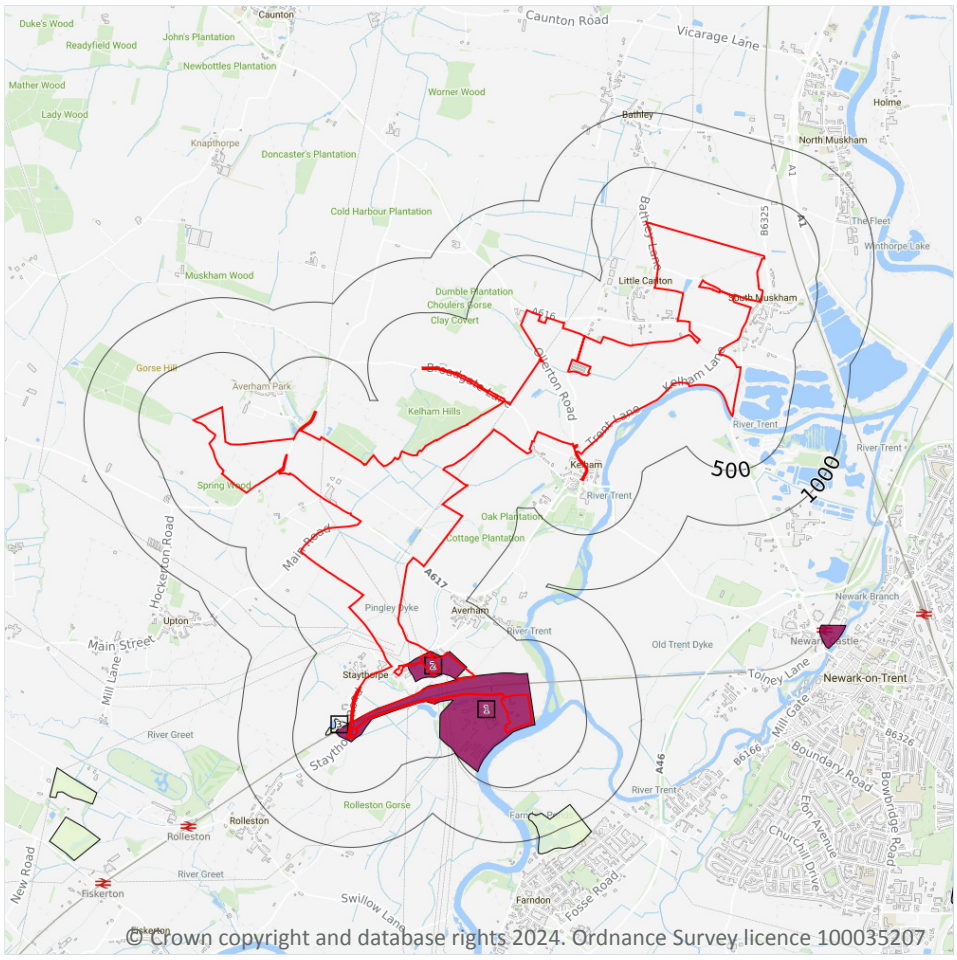
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 184 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW113_ollerton_v4
2	On site	Full	Full	Full	Full	EW126_nottingham_v4

This data is sourced from the British Geological Survey.

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



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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 185 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**MADE GROUND (UNDIVIDED)**	**ARTIFICIAL DEPOSIT**
2	**On site**	**MGR-ARTDP**	**MADE GROUND (UNDIVIDED)**	**ARTIFICIAL DEPOSIT**
3	19m SW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

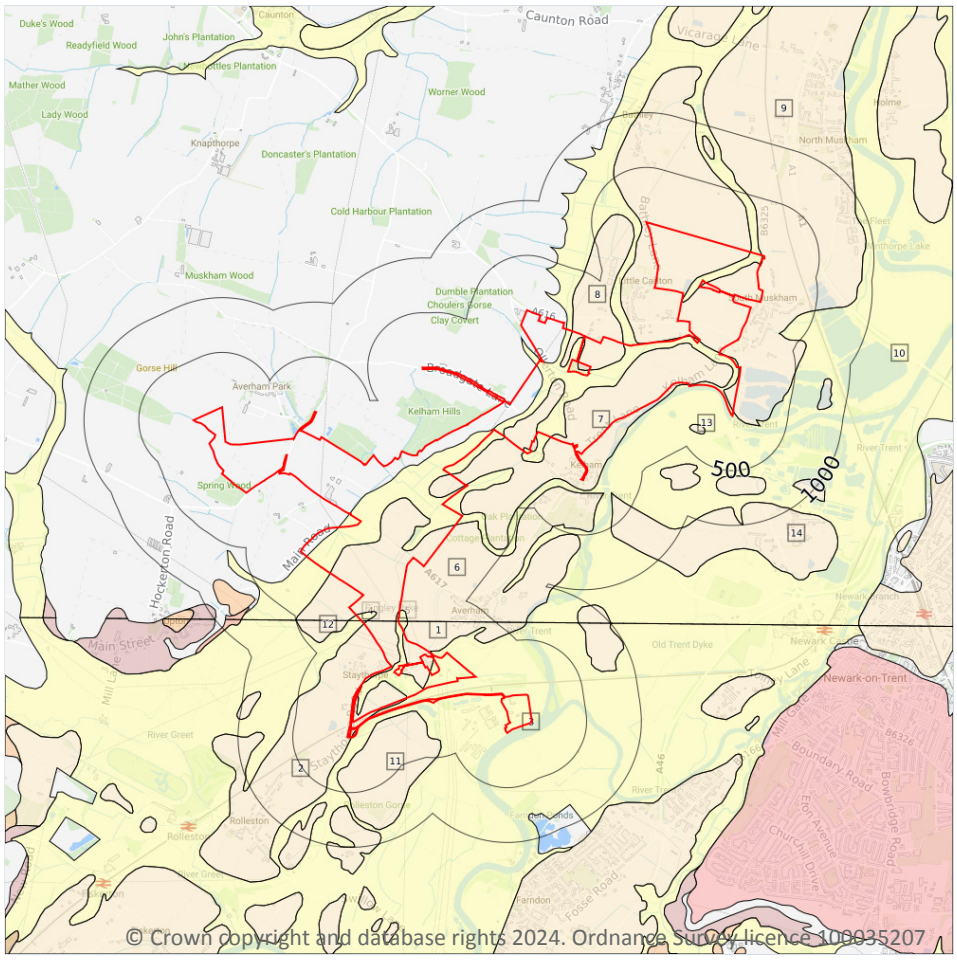
Records within 50m	3

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).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Very High**	**Low**
On site	**Mixed**	**Very High**	**Low**
19m SW	Mixed	Very High	Low

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 187 >**

ID	Location	LEX Code	Description	Rock description
1	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
2	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
3	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
4	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
5	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
6	**On site**	**HPSG-XSV**	**HOLME PIERREPONT SAND AND GRAVEL MEMBER**	**SAND AND GRAVEL**
7	**On site**	**HPSG-XSV**	**HOLME PIERREPONT SAND AND GRAVEL MEMBER**	**SAND AND GRAVEL**
8	**On site**	**HPSG-XSV**	**HOLME PIERREPONT SAND AND GRAVEL MEMBER**	**SAND AND GRAVEL**
9	**On site**	**HPSG-XSV**	**HOLME PIERREPONT SAND AND GRAVEL MEMBER**	**SAND AND GRAVEL**
10	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
11	57m SW	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
12	88m SW	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
13	278m E	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
14	284m E	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial 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 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**	**High**	**Very Low**
On site	**Intergranular**	**High**	**Very Low**
On site	**Intergranular**	**High**	**Very Low**
On site	**Intergranular**	**High**	**Very Low**
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.

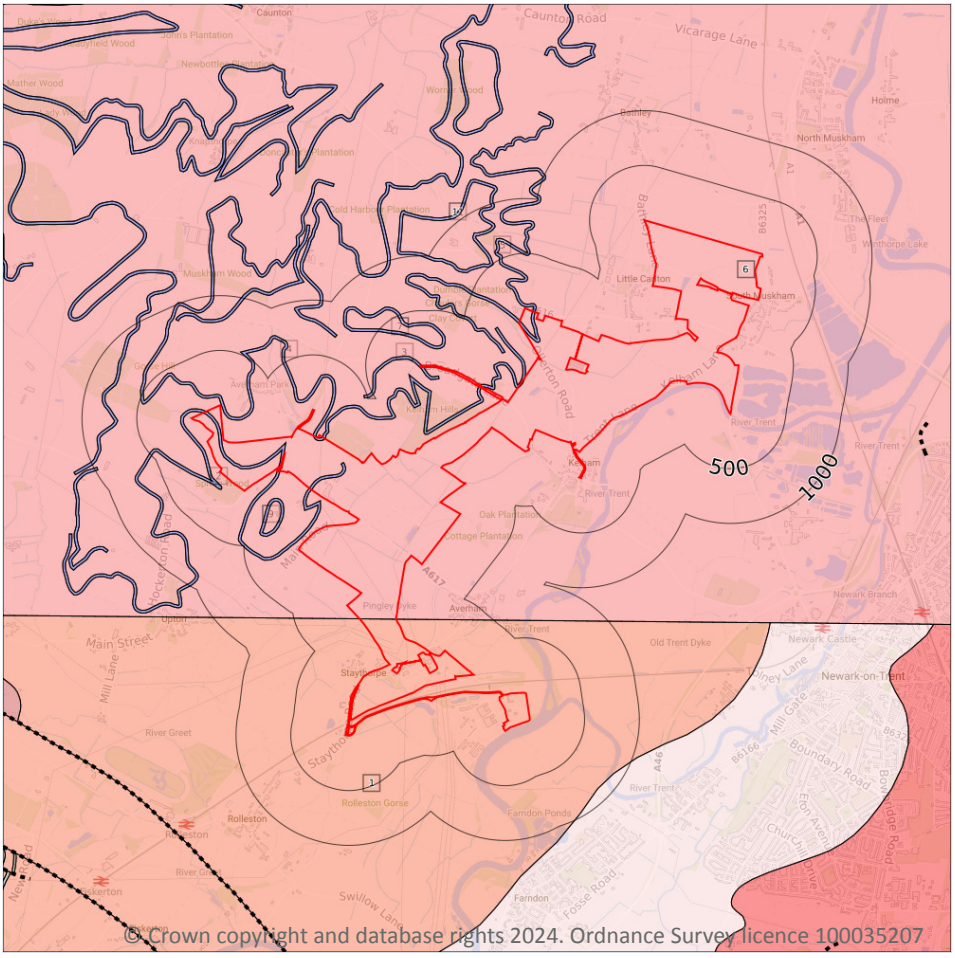
15.7 Landslip permeability (50k)

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	11

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 190 >**

ID	Location	LEX Code	Description	Rock age
1	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
2	On site	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
3	On site	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-

ID	Location	LEX Code	Description	Rock age
4	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
5	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
6	**On site**	**MMG-MDST**	**MERCIA MUDSTONE GROUP - MUDSTONE**	**-**
7	151m NW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
8	176m NW	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-
9	209m W	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
10	234m W	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-
11	493m N	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**20**

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**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
11m W	Fracture	Moderate	Low
36m W	Fracture	Moderate	Low
37m W	Fracture	Low	Low
39m W	Fracture	Low	Low
45m W	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

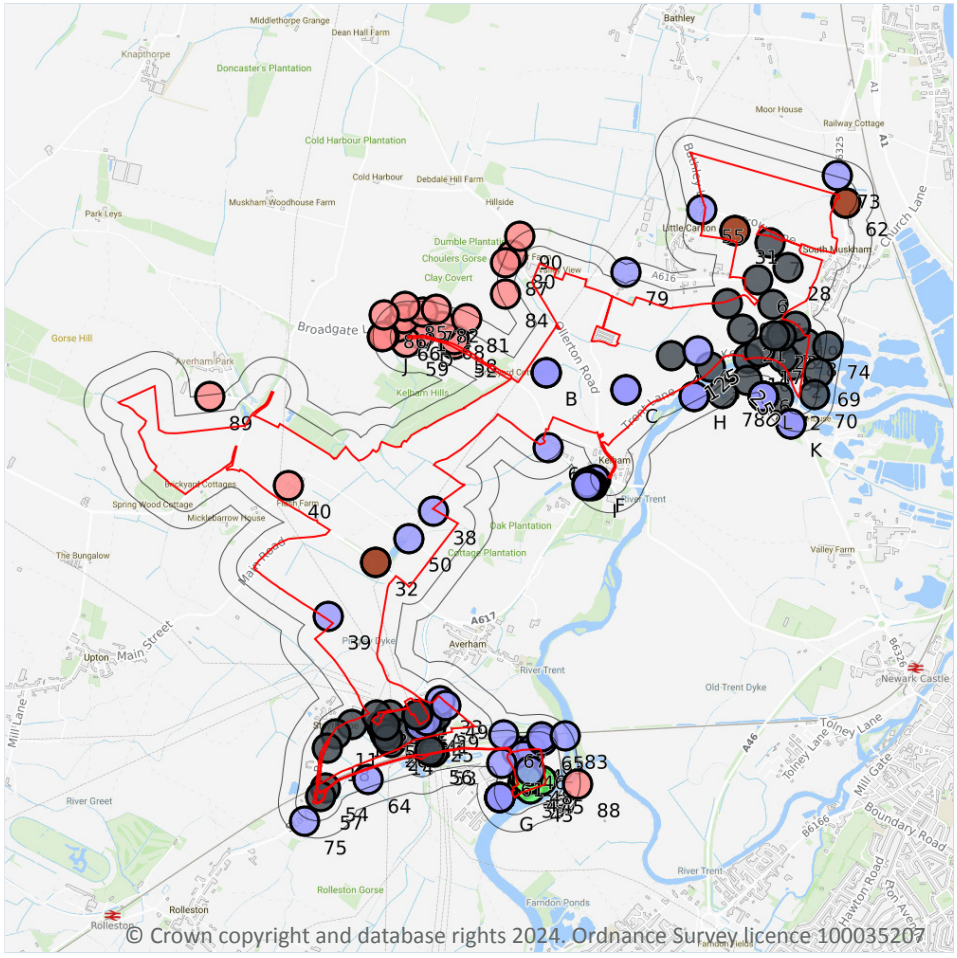
15.10 Bedrock faults and other linear features (50k)

Records within 500m	**0**

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



16.1 BGS Boreholes

Records within 250m	146

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 193 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	475530 353930	STAYTHORPE RD,RE-ALIGNMENT TP6	-	Y	N/A
2	On site	478707 356525	GRANGE FARM-SOUTH MUSKHAM BH1	-	Y	N/A
3	On site	478116 356515	GRANGE FARM-SOUTH MUSKHAM BH6	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	477835 356594	GRANGE FARM-SOUTH MUSKHAM BH7	-	Y	N/A
5	On site	478569 356968	GRANGE FARM-SOUTH MUSKHAM BH8	-	Y	N/A
6	On site	478458 357142	GRANGE FARM-SOUTH MUSKHAM BH9	-	Y	N/A
7	On site	478550 357409	GRANGE FARM-SOUTH MUSKHAM BH11	-	Y	N/A
8	On site	478814 356685	SOUTH MUSKHAM BH2	-	Y	N/A
9	On site	478644 356585	SOUTH MUSKHAM BH3	-	Y	N/A
10	On site	478390 356576	SOUTH MUSKHAM BH4	-	Y	N/A
11	On site	475410 353860	STAYTHORPE RD,RE-ALIGNMENT TP5	-	Y	N/A
12	On site	475800 354000	STAYTHORPE 400KV SUBSTATION EXTENSION CPTA	-	Y	N/A
13	On site	475760 353890	STAYTHORPE 400KV SUBSTATION EXTENSION CPTC	-	Y	N/A
14	On site	475810 353800	STAYTHORPE 400KV SUBSTATION EXTENSION CPTF	-	Y	N/A
15	On site	475740 353920	STAYTHORPE 400KV SUBSTATION EXTENSION CPTB	-	Y	N/A
16	On site	475870 353860	STAYTHORPE 400KV SUBSTATION EXTENSION CPTG	-	Y	N/A
17	On site	478478 356625	GRANGE FARM-SOUTH MUSKHAM BH3	-	Y	N/A
18	On site	475350 353760	STAYTHORPE RD,RE-ALIGNMENT TP4	-	Y	N/A
19	On site	478738 356805	GRANGE FARM-SOUTH MUSKHAM BH2	-	Y	N/A
20	On site	478242 356971	GRANGE FARM-SOUTH MUSKHAM BH4	-	Y	N/A
21	On site	478355 356788	GRANGE FARM-SOUTH MUSKHAM BH5	-	Y	N/A
22	On site	478634 356737	SOUTH MUSKHAM BH1	-	Y	N/A
23	On site	478584 356737	SOUTH MUSKHAM BH5	-	Y	N/A
24	On site	475710 354000	STAYTHORPE RD,RE-ALIGNMENT TP7	-	Y	N/A
25	On site	476100 353900	STAYTHORPE SUBSTATION HL1	-	Y	N/A
26	On site	475770 353860	STAYTHORPE 400KV SUBSTATION EXTENSION CPTD	-	Y	N/A
27	On site	475790 353830	STAYTHORPE 400KV SUBSTATION EXTENSION CPTE	-	Y	N/A
28	On site	478683 357235	GRANGE FARM-SOUTH MUSKHAM BH10	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
29	On site	476140 353990	STAYTHORPE POWER STATION 1	-	Y	N/A
30	On site	476720 353735	STAYTHORPE B POWER STATION 9	9.15	N	239115 ↗
31	On site	478300 357500	GRANGE FARM	-1.0	N	239069 ↗
32	On site	475700 355100	LATHAM FARM	-1.0	N	239073 ↗
33	On site	476166 354100	STAYTHORPE B POWER STATION 3B	6.1	N	239123 ↗
34	On site	476025 353921	STAYTHORPE B POWER STATION 5B	9.3	N	239125 ↗
35	On site	476760 353496	STAYTHORPE B POWER STATION 14	15.25	N	239120 ↗
36	On site	476767 353562	STAYTHORPE B POWER STATION 1	15.25	N	239108 ↗
37	On site	476858 353531	STAYTHORPE B POWER STATION 15	15.25	N	239121 ↗
38	On site	476120 355470	NORTH OF AVERHAM	9.5	N	238970 ↗
39	On site	475358 354713	WEST OF AVERHAM	9.5	N	239130 ↗
40	On site	475070 355660	KELHAM HILLS G4	718.11	N	238943 ↗
41	On site	476069 353955	STAYTHORPE B POWER STATION 1B	6.79	N	239122 ↗
42	On site	476826 353742	STAYTHORPE B POWER STATION 10	7.47	N	239116 ↗
43	On site	476819 353466	STAYTHORPE B POWER STATION 5	10.98	N	239111 ↗
44	On site	478030 356630	SOUTH WEST OF SOUTH MUSKHAM	9.0	N	238966 ↗
45	On site	476899 353525	STAYTHORPE B POWER STATION 6	12.2	N	239112 ↗
46	On site	476767 353702	STAYTHORPE B POWER STATION 13	8.24	N	239119 ↗
47	On site	476793 353533	STAYTHORPE B POWER STATION 3	10.14	N	239110 ↗
48	On site	476816 353593	STAYTHORPE B POWER STATION 2	9.84	N	239109 ↗
49	On site	476206 354066	STAYTHORPE B POWER STATION 4B	8.01	N	239124 ↗
50	On site	475941 355276	LATHAM FARMS MICKLEBOROUGH HILL	9.0	N	19366580 ↗
51	On site	475770 353920	STAYTHORPE 400KV SUBSTATION EXTENSION CPTH	-	Y	N/A
A	On site	476100 354000	PROP STAYTHORPE SUBSTATION BH4	-	Y	N/A
A	On site	476100 354000	PROP STAYTHORPE S/STATION TP2	-	Y	N/A
A	On site	476100 354000	PROP STAYTHORPE SUBSTATION BH3	-	Y	N/A
A	On site	476100 354000	PROP STAYTHORPE S/STATION TP1	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP4**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP3**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE SUBSTATION BH5**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE SUBSTATION BH1**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP.A**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP.C**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP5**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE SUBSTATION BH2**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE SUBSTATION BH6**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP.B**	**-**	**Y**	**N/A**
A	**On site**	**476100 354000**	**PROP STAYTHORPE S/STATION TP.D**	**-**	**Y**	**N/A**
B	**On site**	**476930 356470**	**MANOR FARM KELHAM**	**6.1**	**N**	**239070** ↗
B	**On site**	**476930 356470**	**MANOR FARM KELHAM NEWARK NOTTS**	**6.1**	**N**	**238955** ↗
C	**On site**	**477510 356350**	**MANOR FARM KELHAM NEWARK NOTTS**	**6.1**	**N**	**238956** ↗
C	**On site**	**477510 356350**	**MANOR FARM KELHAM**	**6.1**	**N**	**239071** ↗
52	3m NW	476270 356680	KELHAM HILLS G3	496.0	N	238942 ↗
53	5m S	476120 353730	STAYTHORPE POWER STAT TZ1B	-	Y	N/A
54	7m SW	475340 353470	STAYTHORPE RD,RE-ALIGNMENT TP2	-	Y	N/A
D	12m NW	476020 356750	D'ARCY EXPLORATION KELHAM HILLS NO 28	690.37	N	239065 ↗
E	20m S	476000 354000	STAYTHORPE SUBSTATION. ZD1	-	Y	N/A
E	20m S	476000 354000	STAYTHORPE SUBSTATION. ZA2	-	Y	N/A
E	20m S	476000 354000	STAYTHORPE SUBSTATION. ZA1A	-	Y	N/A
E	20m S	476000 354000	STAYTHORPE SUBSTATION. ZA1	-	Y	N/A
E	20m S	476000 354000	STAYTHORPE SUBSTATION.BHZDA310	-	Y	N/A
55	21m NE	478060 357650	NORTH OF LITTLE CARLTON	7.5	N	238964 ↗
56	21m S	476090 353740	STAYTHORPE POWER STAT HL1A	-	Y	N/A
D	22m NW	476020 356760	KELHAM HILLS 28	690.37	N	238903 ↗
57	25m SW	475300 353410	STAYTHORPE RD,RE-ALIGNMENT TP1	-	Y	N/A

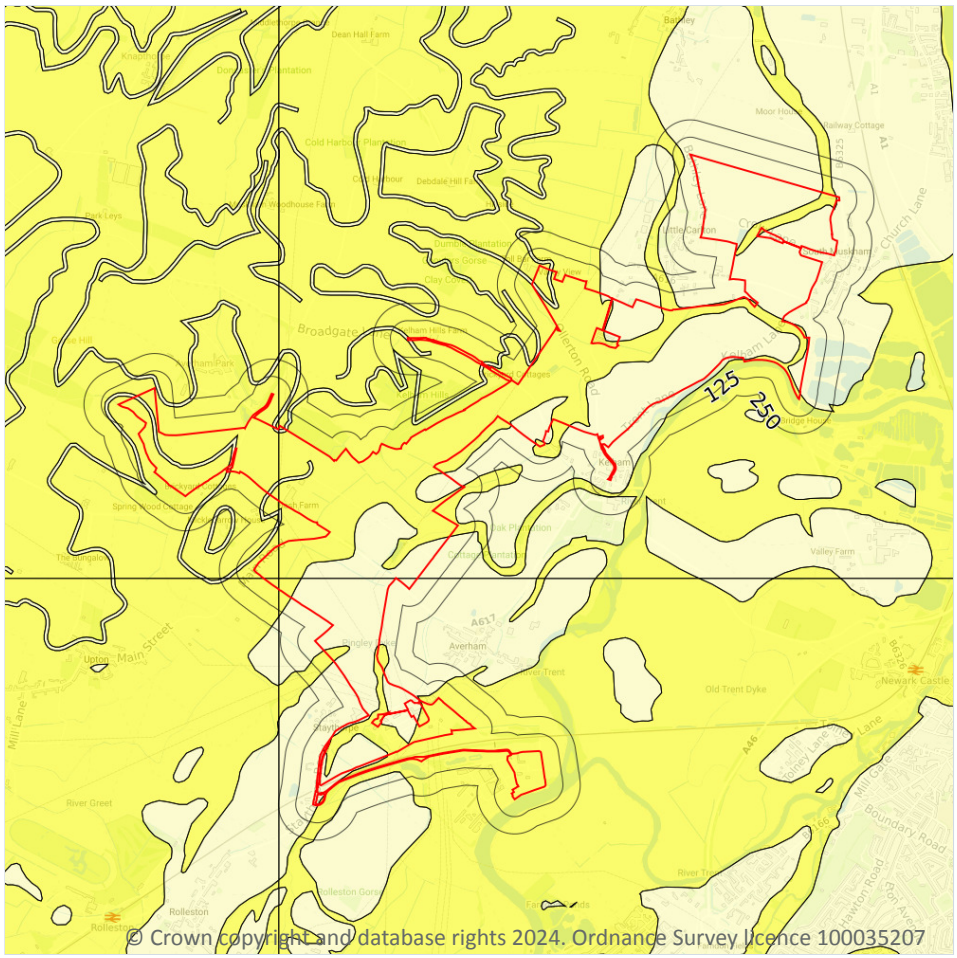
ID	Location	Grid reference	Name	Length	Confidential	Web link
58	31m NW	476270 356710	KELHAM HILLS 64	676.35	N	238939 ↗
59	36m NW	475920 356690	KELHAM HILLS 17	676.66	N	238892 ↗
60	48m E	476950 355930	KELHAM	9.0	N	238969 ↗
61	56m S	476609 353649	STAYTHORPE B POWER STATION 11	9.76	N	239117 ↗
62	58m NE	479100 357700	BURRIDGE FARM	-1.0	N	239068 ↗
63	62m S	476903 353810	STAYTHORPE POWER STATION	5.5	N	239133 ↗
64	73m S	475647 353530	SOUTH EAST OF STAYTHORPE	7.5	N	239135 ↗
65	90m S	476899 353840	STAYTHORPE B POWER STATION 8	8.54	N	239114 ↗
F	91m SE	477290 355700	HOME FARM KELHAM TP 2	1.6	N	15640731 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 6	7.62	N	239322 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 4	8.53	N	239320 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 3	10.15	N	239323 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 1	12.19	N	239310 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 2	11.58	N	239318 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 3	9.45	N	239319 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 18	6.8	N	239324 ↗
G	92m S	476600 353400	NEW POWER STATION STAYTHORPE NO 5	7.62	N	239321 ↗
H	93m E	478000 356300	MUSKHAM SOUTH SECTION OF BORINGS NR BRIDGE	7.2	N	238946 ↗
H	93m E	478000 356300	NEAR MUSKAM BRIDGE SOUTH MUSKAM	7.19	N	239075 ↗
66	94m NW	475860 356800	KELHAM HILLS 35	675.13	N	238910 ↗
67	96m S	476626 353857	STAYTHORPE B POWER STATION 7	7.63	N	239113 ↗
F	101m SE	477280 355700	HOME FARM KELHAM PBT 3	0.5	N	15640728 ↗
68	103m NW	476180 356810	KELHAM HILLS 24	672.0	N	238899 ↗
69	107m E	478897 356470	NEWARK MUSKHAM BRIDGE 7	-	Y	N/A
70	110m E	478875 356312	NEWARK MUSKHAM BRIDGE 8	-	Y	N/A
I	123m SE	477270 355660	HOME FARM KELHAM PBT 4	0.5	N	15640729 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
71	128m NW	475903 356863	KELHAM HILLS NOTTS	228.6	N	238954 ↗
72	129m E	478612 356294	NEWARK MUSKHAM BRIDGE 5	-	Y	N/A
73	136m NE	479040 357900	NORTH OF SOUTH MUSKHAM	7.0	N	238963 ↗
74	139m E	478966 356663	NEWARK MUSKHAM BRIDGE 6	-	Y	N/A
I	141m SE	477250 355660	HOME FARM KELHAM TP 1	1.7	N	15640730 ↗
75	150m SW	475184 353230	STAYTHORPE CROSSING	7.5	N	239134 ↗
76	151m E	478387 356418	NEWARK MUSKHAM BRIDGE 4	-	Y	N/A
I	154m SE	477230 355680	HOME FARM KELHAM PBT 2	0.5	N	15640727 ↗
I	160m SE	477230 355660	HOME FARM KELHAM PBT 1	0.5	N	15640726 ↗
77	171m NW	476040 356910	KELHAM HILLS 26	674.0	N	238901 ↗
J	171m NW	475760 356740	KELHAM HILLS 38	674.83	N	238913 ↗
78	177m E	478206 356324	NEWARK MUSKHAM BRIDGE 1	-	Y	N/A
J	182m NW	475750 356730	D'ARCY EXPLORATION KELHAM HILLS NO 38	674.83	N	239062 ↗
79	197m NE	477510 357200	LITTLE CARLTON	7.8	N	238965 ↗
80	202m N	476690 357320	KELHAM HILLS 27	657.76	N	238902 ↗
81	204m N	476360 356860	KELHAM HILLS 21	661.42	N	238896 ↗
82	205m NW	476140 356930	KELHAM HILLS 48	696.47	N	238923 ↗
83	206m S	477070 353850	NEWARK CASTLE ROLLESTON JN BRIDGE BRITISH RAIL 1	8.99	N	239302 ↗
K	206m E	478700 356100	MUSKHAM SOUTH SECTION OF BORINGS NR BRIDGE	6.9	N	238948 ↗
K	206m E	478700 356100	NEAR MUSKAM BRIDGE SOUTH MUSKAM	6.89	N	239077 ↗
84	208m N	476640 357040	KELHAM HILLS 13	661.42	N	238888 ↗
85	213m NW	475910 356950	KELHAM HILLS 31	679.0	N	238906 ↗
86	229m NW	475760 356890	KELHAM HILLS 36	679.7	N	238911 ↗
87	230m N	476640 357270	KELHAM HILLS 56	667.21	N	238931 ↗
L	230m E	478500 356300	NEAR MUSKAM BRIDGE SOUTH MUSKAM	-1.0	N	239076 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN B3	17.0	N	239037 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
L	230m E	478500 356300	NEWARK GROUT CURTAIN B4	7.8	N	239038 ↗
L	230m E	478500 356300	MUSKHAM SOUTH SECTION OF BORINGS NR BRIDGE	7.92	N	238947 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN P2	12.0	N	239041 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN B1	17.2	N	239035 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN B5	17.2	N	239039 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN P3	8.2	N	239042 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN B2	7.5	N	239036 ↗
L	230m E	478500 356300	NEWARK GROUT CURTAIN P1	6.7	N	239040 ↗
88	231m S	477160 353500	FARNDON 1	804.67	N	239095 ↗
89	236m W	474500 356298	AVERHAM PARK G1	805.89	N	239092 ↗
90	246m N	476740 357460	KELHAM HILLS 12	683.97	N	238887 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

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

17.1 Shrink swell clays

Records within 50m	7

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).

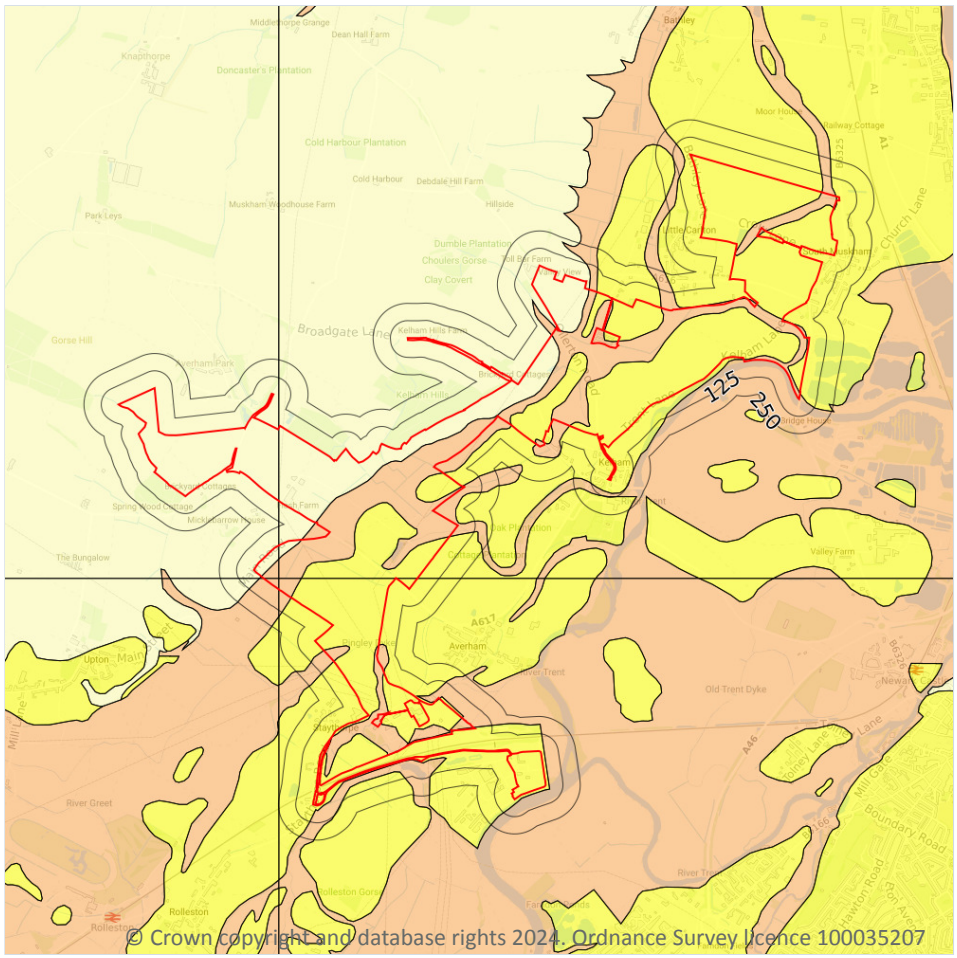
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 200 >**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
On site	**Very low**	**Ground conditions predominantly low plasticity.**
11m W	Negligible	Ground conditions predominantly non-plastic.

Location	Hazard rating	Details
36m W	Negligible	Ground conditions predominantly non-plastic.
37m W	Very low	Ground conditions predominantly low plasticity.
39m W	Very low	Ground conditions predominantly low plasticity.
45m W	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

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

17.2 Running sands

Records within 50m	4

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.

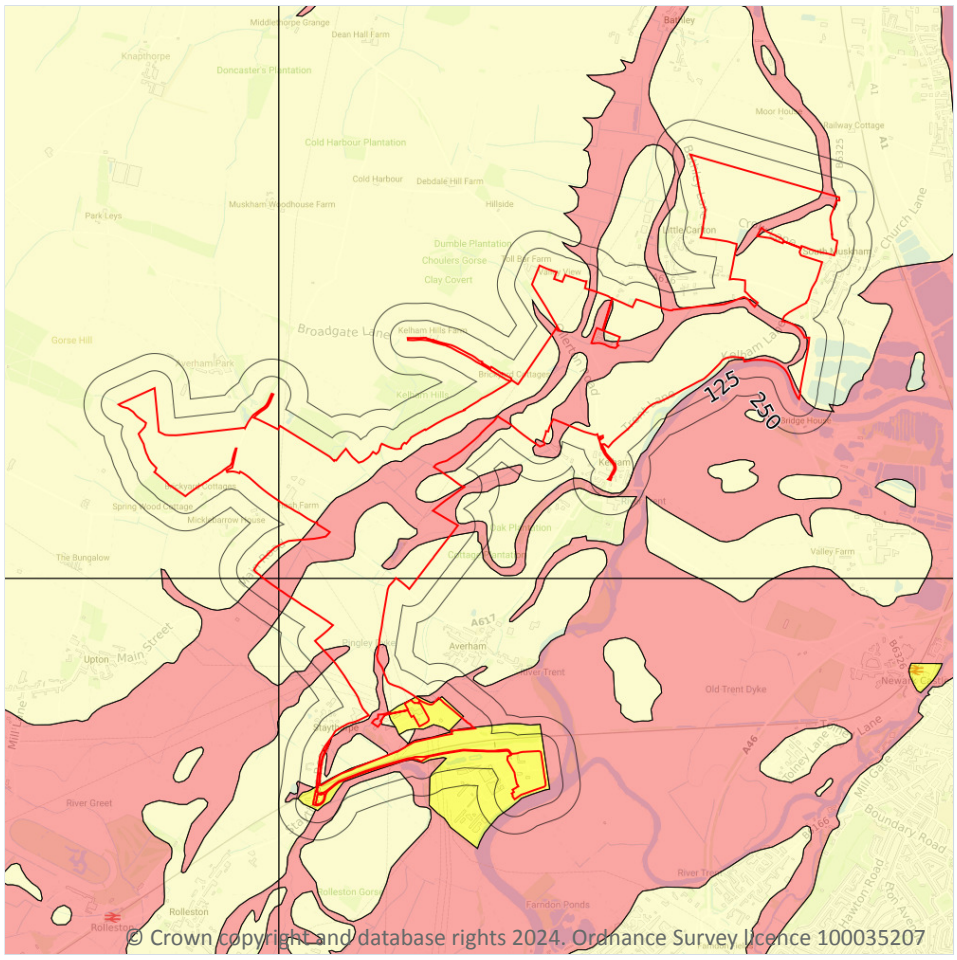
Features are displayed on the Natural ground subsidence - Running sands map on **page 202 >**

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.**
19m SW	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



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Site Outline

Search buffers in metres (m)

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

17.3 Compressible deposits

Records within 50m	5

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.

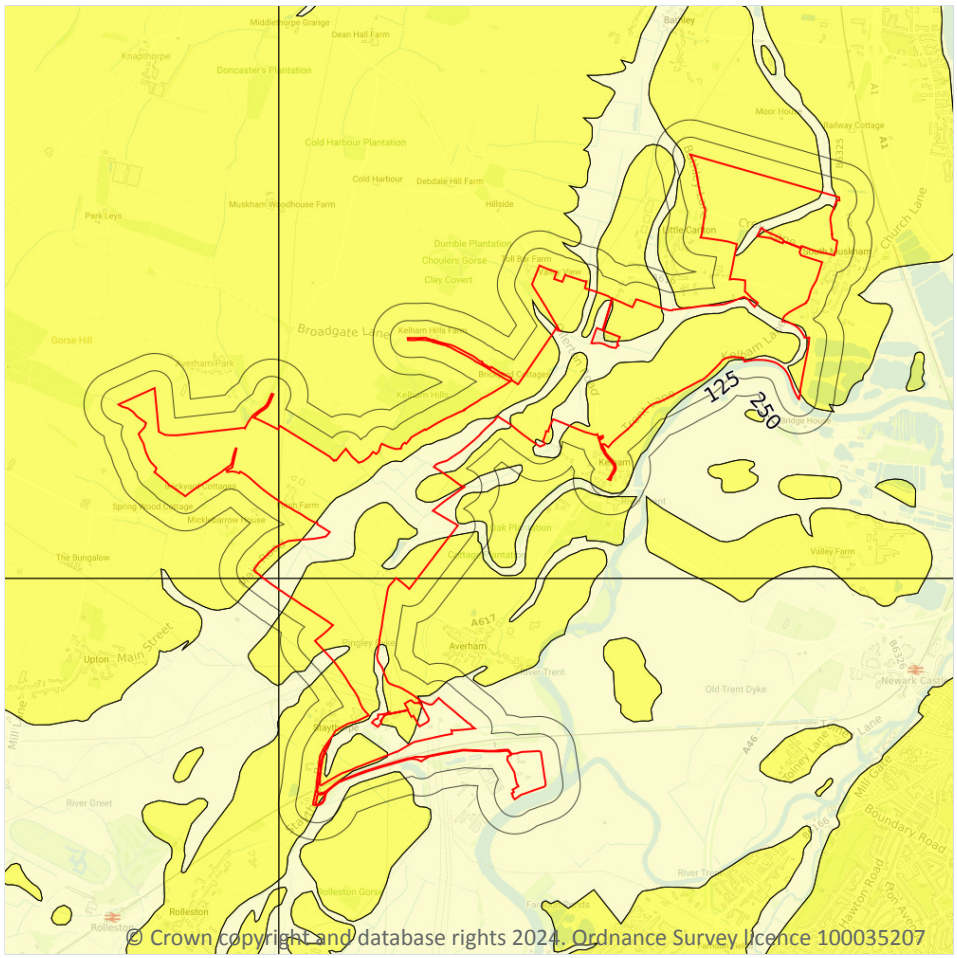
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 204 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
On site	**Very low**	**Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.**

Location	Hazard rating	Details
On site	**Moderate**	**Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.**
19m SW	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
19m SW	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m	3

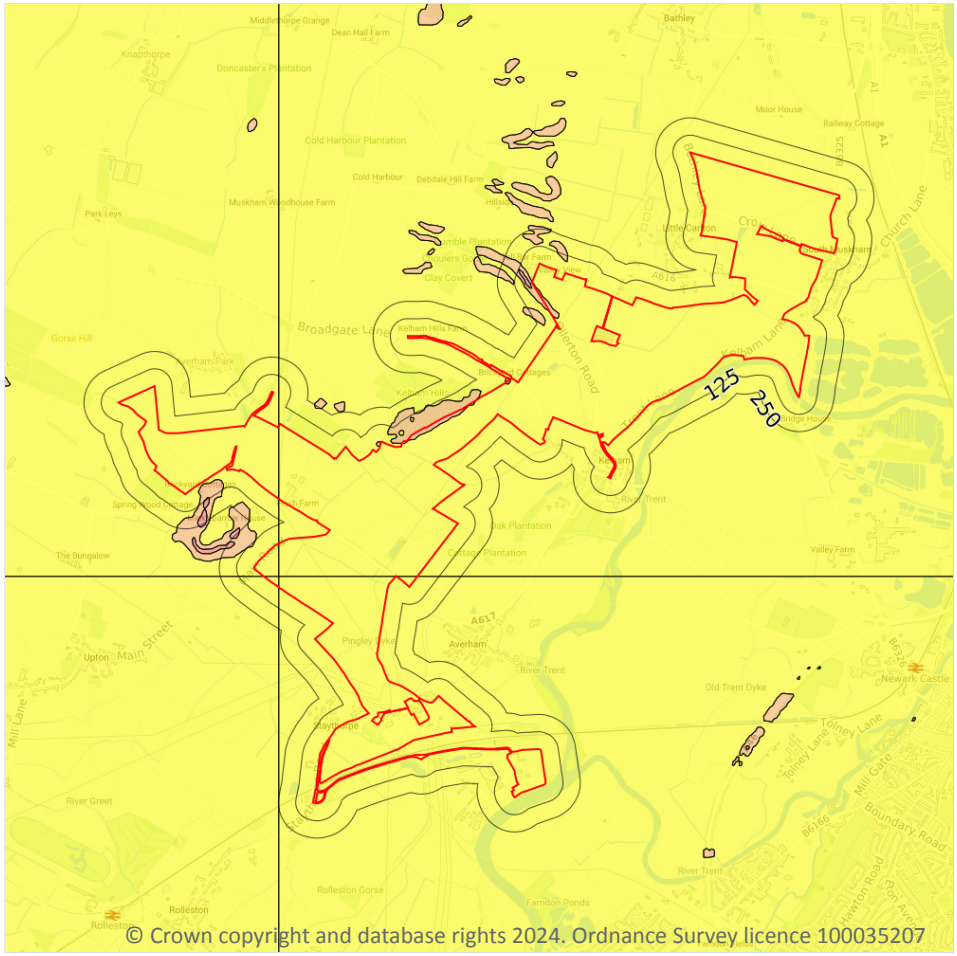
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 206 >**

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.**
19m SW	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

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

17.5 Landslides

Records within 50m	5

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.

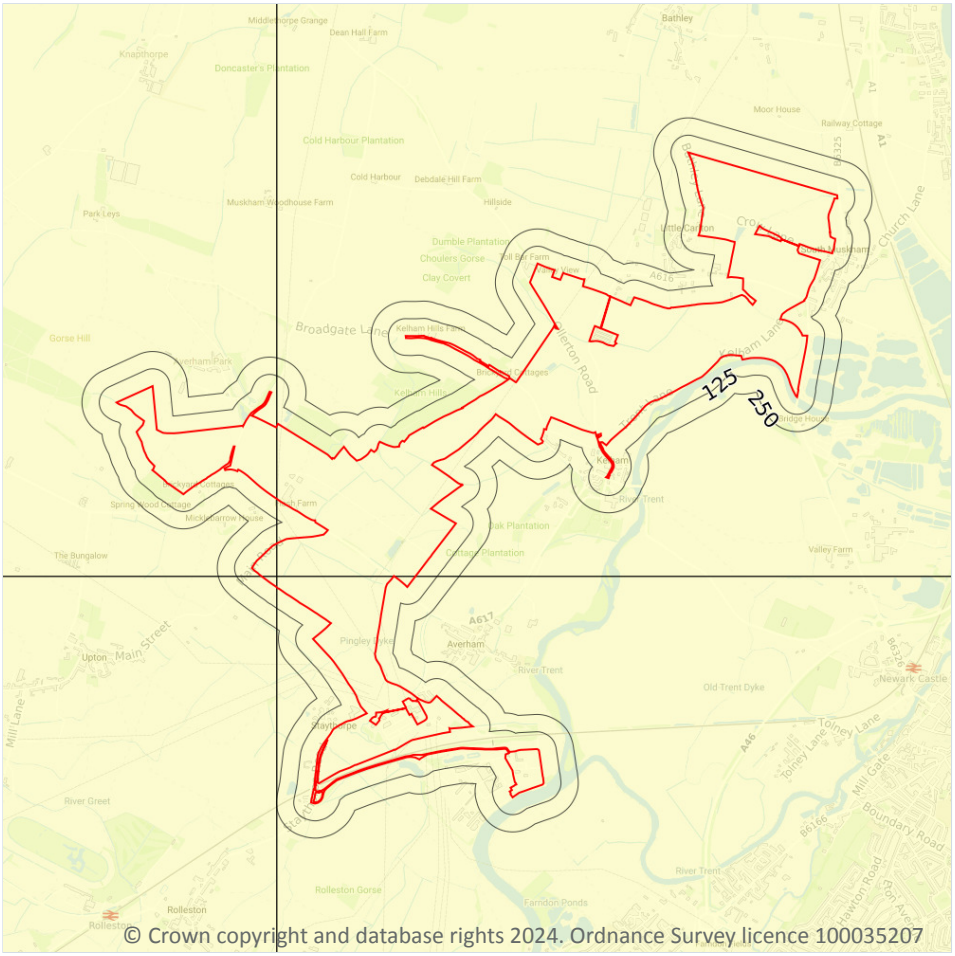
Features are displayed on the Natural ground subsidence - Landslides map on **page 208 >**

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

Location	Hazard rating	Details
On site	**Low**	**Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.**
14m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
17m W	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
42m W	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.

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	1

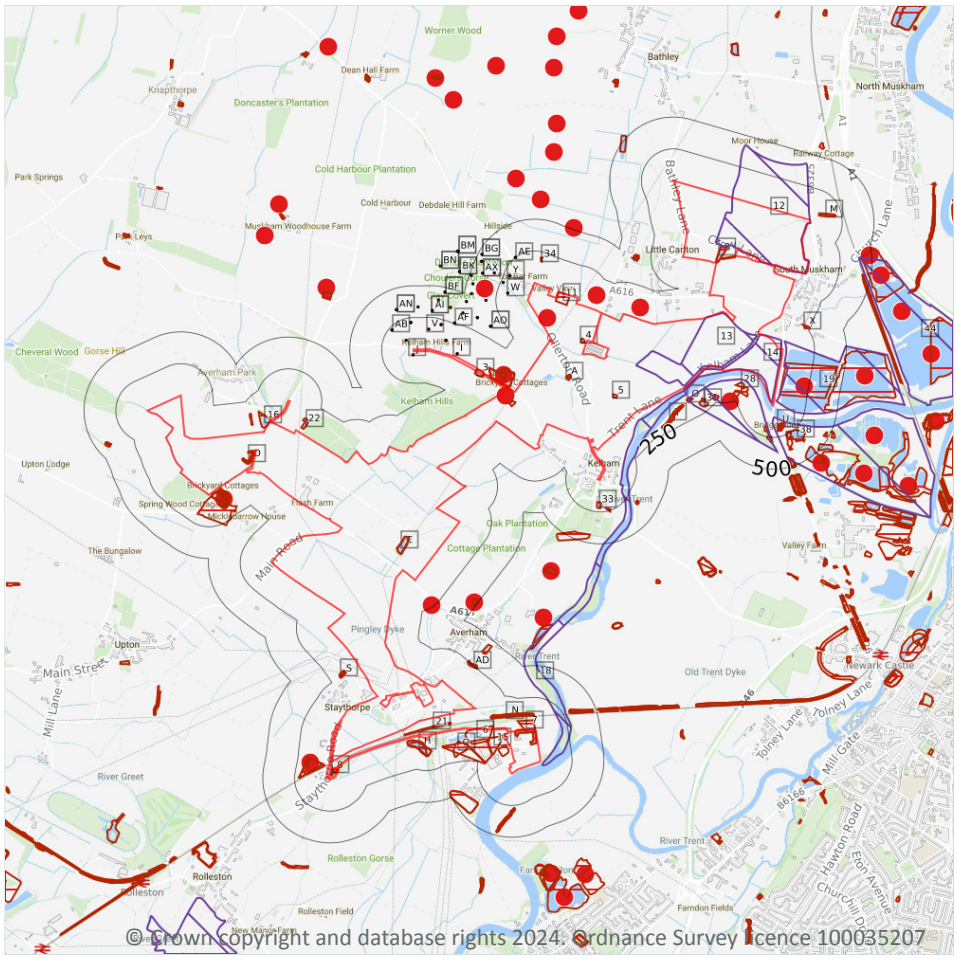
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 210 >**

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.**

This data is sourced from the British Geological Survey.

18 Mining and ground workings



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Site Outline

Search buffers in metres (m)

- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	13

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 212 >**

ID	Location	Details	Description
1	**On site**	**Name: Debdale Hill Pit** **Address: Little Carlton, South Muskham, NEWARK, Nottinghamshire** **Commodity: Sandstone** **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**
2	**On site**	**Name: Kelham Hills Pit** **Address: Kelham, NEWARK, Nottinghamshire** **Commodity: Clay & Shale** **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**
E	59m N	Name: Broadgate Lane Brick Works Address: Kelham, SOUTHWELL, Nottinghamshire Commodity: Clay & Shale 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
26	86m NE	Name: Little Carlton Pit Address: Little Carlton, South Muskham, NEWARK, Nottinghamshire 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
G	98m W	Name: Mickleborough Hill Brick Yard Address: Upton, SOUTHWELL, Nottinghamshire Commodity: Clay & Shale 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
29	111m NE	Name: Little Carlton Pit Address: Little Carlton, South Muskham, NEWARK, Nottinghamshire 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
K	150m SW	Name: Staythorpe Ballast Pit Address: Staythorpe, NEWARK, Nottinghamshire 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
L	211m E	Name: Crankly Point Address: South Muskham, NEWARK, Nottinghamshire 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
39	233m SW	Name: Averham Pit Address: Averham, NEWARK, Nottinghamshire 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
41	241m E	Name: Crankly Point Address: Kelham, NEWARK, Nottinghamshire 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
42	351m N	Name: Debdale Hill Pit Address: Little Carlton, South Muskham, NEWARK, Nottinghamshire Commodity: Sandstone 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
BE	471m S	Name: Averham Pit Address: Averham, NEWARK, Nottinghamshire 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
52	487m NE	Name: Crankly Point Address: South Muskham, NEWARK, Nottinghamshire 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

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m **113**

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 212 >**

ID	Location	Land Use	Year of mapping	Mapping scale
3	**On site**	**Cuttings**	**1955**	**1:10560**
4	**On site**	**Pond**	**1971**	**1:10000**
5	**On site**	**Pond**	**1971**	**1:10000**
6	**On site**	**Water Body**	**1956**	**1:10560**
7	**On site**	**Ponds**	**1956**	**1:10560**
8	**On site**	**Pond**	**1956**	**1:10560**
9	**On site**	**Unspecified Heap**	**1884**	**1:10560**
10	**On site**	**Pond**	**1992**	**1:10000**
11	**On site**	**Refuse Tip**	**1970**	**1:2500**
A	**On site**	**Pond**	**1955**	**1:10560**
A	**On site**	**Pond**	**1971**	**1:10000**
A	**On site**	**Pond**	**1899**	**1:10560**
A	**On site**	**Pond**	**1921**	**1:10560**
A	**On site**	**Pond**	**1884**	**1:10560**
B	**On site**	**Pond**	**1971**	**1:10000**
B	**On site**	**Pond**	**1992**	**1:10000**

ID	Location	Land Use	Year of mapping	Mapping scale
C	**On site**	**Pond**	**1971**	**1:10000**
C	**On site**	**Pond**	**1992**	**1:10000**
D	**On site**	**Unspecified Heap**	**1921**	**1:10560**
D	**On site**	**Unspecified Heap**	**1884**	**1:10560**
D	**On site**	**Unspecified Heap**	**1950**	**1:10560**
D	**On site**	**Unspecified Heap**	**1899**	**1:10560**
E	**On site**	**Disused Brick Works**	**1921**	**1:10560**
E	**On site**	**Disused Brick Works**	**1955**	**1:10560**
F	**On site**	**Unspecified Heap**	**1972**	**1:10000**
F	**On site**	**Unspecified Heap**	**1992**	**1:10000**
15	4m S	Unspecified Pit	1972	1:10000
16	4m W	Unspecified Pit	1950	1:10560
G	13m W	Brick Works	1899	1:10560
G	14m W	Disused Brick Works	1921	1:10560
17	15m W	Disused Brick Works	1950	1:10560
G	16m W	Brick Yard	1884	1:10560
H	21m S	Pond	1972	1:10000
H	21m S	Pond	1992	1:10000
I	23m NW	Oil Bore Hole	1971	1:10000
J	23m NW	Oil Bore Hole	1971	1:10000
20	23m S	Pond	1956	1:10560
21	25m S	Water Body	1884	1:10560
E	26m N	Unspecified Ground Workings	1921	1:10560
K	32m SW	Unspecified Pit	1956	1:10560
E	35m N	Pond	1955	1:10560
L	37m E	Sand and Gravel Pit	1971	1:10000
H	38m S	Pond	1956	1:10560
22	39m W	Ponds	1992	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
E	40m N	Pond	1921	1:10560
K	52m SW	Unspecified Pit	1972	1:10000
K	52m SW	Unspecified Pit	1992	1:10000
23	65m W	Pond	1971	1:10000
G	65m W	Unspecified Ground Workings	1921	1:10560
25	75m S	Unspecified Pit	1972	1:10000
G	76m W	Unspecified Ground Workings	1950	1:10560
G	77m W	Unspecified Pit	1884	1:10560
M	79m NE	Pond	1971	1:10000
M	79m NE	Pond	1992	1:10000
N	81m S	Water Body	1956	1:10560
G	83m W	Unspecified Pit	1899	1:10560
O	84m E	Unspecified Pit	1921	1:10560
O	84m E	Unspecified Pit	1921	1:10560
N	84m S	Pond	1915	1:10560
N	84m S	Pond	1884	1:10560
N	84m S	Pond	1899	1:10560
O	85m E	Unspecified Pit	1938	1:10560
P	87m NW	Oil Bore Hole	1971	1:10000
O	89m E	Unspecified Pit	1955	1:10560
Q	91m S	Pond	1956	1:10560
R	99m NW	Oil Bore Hole	1971	1:10000
28	99m E	Unspecified Pit	1971	1:10000
G	101m W	Unspecified Pit	1950	1:10560
Q	108m S	Unspecified Pit	1972	1:10000
S	109m SW	Unspecified Pits	1899	1:10560
T	114m E	Pond	1884	1:10560
T	115m E	Unspecified Pit	1921	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
T	115m E	Unspecified Pit	1921	1:10560
T	115m E	Unspecified Pit	1938	1:10560
S	116m SW	Ponds	1884	1:10560
T	116m E	Unspecified Pit	1955	1:10560
S	121m SW	Ponds	1956	1:10560
30	121m E	Pond	1971	1:10000
G	122m W	Pond	1884	1:10560
K	151m SW	Pond	1992	1:10000
U	152m E	Unspecified Ground Workings	1938	1:10560
31	153m E	Pond	1992	1:10000
V	153m NW	Oil Bore Holes	1971	1:10000
U	153m E	Unspecified Heap	1884	1:10560
U	154m E	Unspecified Heap	1921	1:10560
U	154m E	Unspecified Heap	1921	1:10560
U	155m E	Unspecified Heap	1955	1:10560
U	161m E	Unspecified Ground Workings	1884	1:10560
W	162m N	Oil Bore Holes	1971	1:10000
32	166m E	Unspecified Heap	1971	1:10000
W	167m N	Oil Bore Hole	1970	1:2500
33	174m SE	Unspecified Pit	1955	1:10560
34	174m N	Pond	1971	1:10000
35	175m E	Pond	1992	1:10000
U	186m E	Unspecified Ground Workings	1884	1:10560
X	193m E	Pond	1938	1:10560
X	193m E	Pond	1884	1:10560
36	197m E	Pond	1992	1:10000
Y	197m N	Oil Bore Holes	1971	1:10000
X	198m E	Pond	1955	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
Y	204m N	Oil Bore Hole	1970	1:2500
Z	206m NW	Oil Bore Holes	1971	1:10000
AA	207m NW	Oil Bore Holes	1971	1:10000
AB	222m NW	Oil Bore Hole	1971	1:10000
37	223m SE	Unspecified Heap	1955	1:10560
AC	226m N	Oil Bore Holes	1971	1:10000
AC	230m N	Oil Bore Hole	1970	1:2500
AD	231m S	Unspecified Ground Workings	1956	1:10560
38	232m E	Ponds	1992	1:10000
AD	237m S	Unspecified Heap	1899	1:10560
40	238m E	Pond	1971	1:10000
AE	245m N	Oil Bore Holes	1971	1:10000
AF	247m N	Oil Bore Holes	1971	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	**34**

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

Features are displayed on the Mining and ground workings map on **page 212 >**

ID	Location	Land Use	Year of mapping	Mapping scale
I	23m NW	Oil Bore Hole	1971	1:10560
J	23m NW	Oil Bore Hole	1971	1:10560
P	87m NW	Oil Bore Hole	1971	1:10560
R	99m NW	Oil Bore Hole	1971	1:10560
V	153m NW	Oil Bore Holes	1971	1:10560
W	162m N	Oil Bore Holes	1971	1:10560
Y	197m N	Oil Bore Holes	1971	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
Z	206m NW	Oil Bore Holes	1971	1:10560
AA	207m NW	Oil Bore Holes	1971	1:10560
AB	222m NW	Oil Bore Hole	1971	1:10560
AC	226m N	Oil Bore Holes	1971	1:10560
AE	245m N	Oil Bore Holes	1971	1:10560
AF	247m N	Oil Bore Holes	1971	1:10560
AI	300m NW	Oil Bore Holes	1971	1:10560
AJ	319m N	Oil Bore Holes	1971	1:10560
AK	324m N	Oil Bore Holes	1971	1:10560
AM	330m NW	Oil Bore Holes	1971	1:10560
AN	334m NW	Oil Bore Hole	1971	1:10560
AO	335m N	Oil Bore Hole	1971	1:10560
AP	341m N	Oil Bore Holes	1971	1:10560
AR	347m N	Oil Bore Hole	1971	1:10560
AT	355m N	Oil Bore Holes	1971	1:10560
AU	387m NW	Oil Bore Holes	1971	1:10560
AX	405m N	Oil Bore Holes	1971	1:10560
BA	435m N	Oil Bore Holes	1971	1:10560
BB	440m N	Oil Bore Holes	1971	1:10560
BC	444m N	Oil Bore Holes	1971	1:10560
BD	445m N	Oil Bore Holes	1971	1:10560
BF	459m N	Oil Bore Holes	1971	1:10560
BG	468m N	Oil Bore Holes	1971	1:10560
BH	479m N	Oil Bore Holes	1971	1:10560
BK	576m N	Oil Bore Hole	1971	1:10560
BM	649m N	Oil Bore Hole	1971	1:10560
BN	654m N	Oil Bore Hole	1971	1:10560

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	8

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 212 >**

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
12	**On site**	**Rectory Farm**	**Sand and gravel**	**Surface mineral working**	**Refused**	**31/3/65**
13	**On site**	**Crankly point**	**Sand and gravel**	**Surface mineral working**	**Refused**	**30/9/69**
14	**On site**	**Crankly point**	**Sand and gravel**	**Surface mineral working**	**Refused**	**30/9/69**
18	19m E	River Trent	Sand and gravel	Surface mineral working	Valid	1946
19	19m E	Crankly point	Sand and gravel	Surface mineral working	Valid	7/8/48
24	75m E	Crankly point	Sand and gravel	Surface mineral working	Valid	7/8/48
27	93m E	Crankly point	Sand and gravel	Surface mineral working	Valid	7/8/48
44	399m NE	Crankly point	Sand and gravel	Surface mineral working	Valid	9/10/69

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	1

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
341m S	Evaporite

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

19.1 Natural cavities

Records within 500m	0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m	0

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

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

This data is sourced from Groundsure.

19.5 National karst database

Records within 500m	0

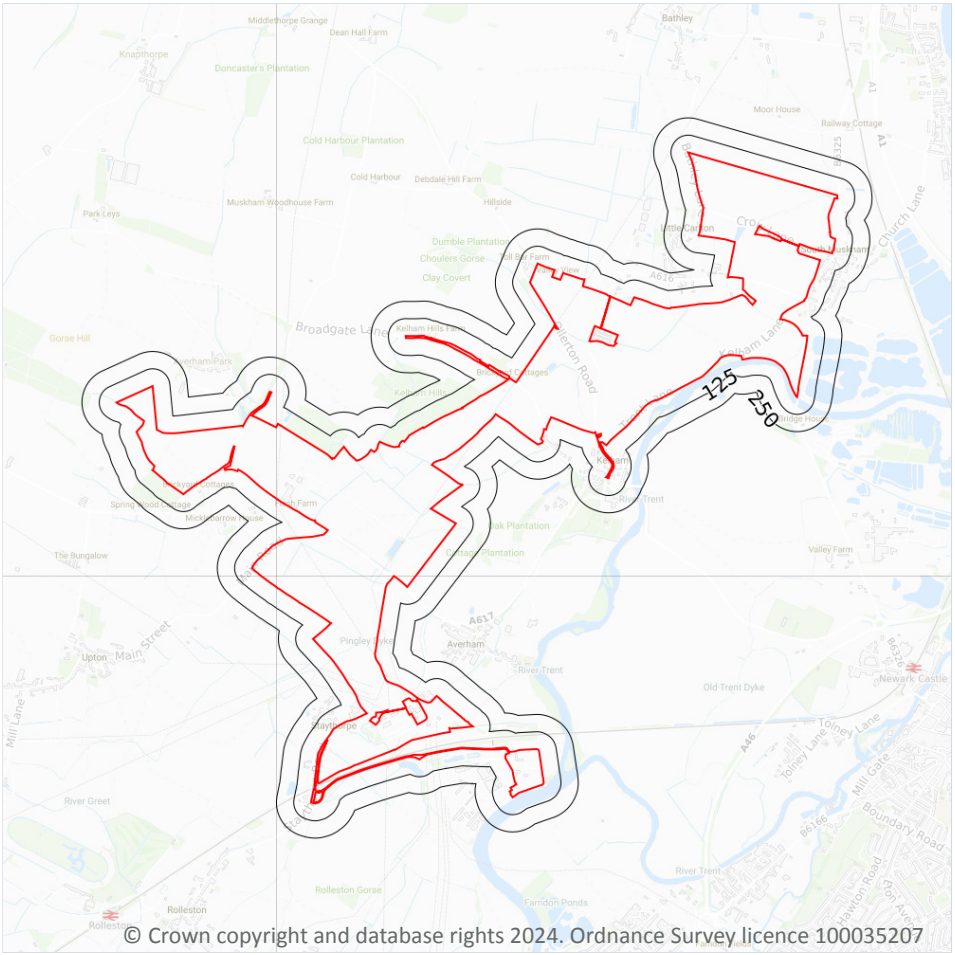
This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

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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Site Outline

Search buffers in metres (m)

Greater than 30%

Between 10% and 30%

Between 5% and 10%

Between 3% and 5%

Between 1% and 3%

Less than 1%

20.1 Radon

Records on site	1

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 227 >**

Location	Estimated properties affected	Radon Protection Measures required
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	252

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^2. 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^2; 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 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
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On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
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On site	15 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 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 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 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 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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 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 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 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 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 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 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 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 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 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 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 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 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 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	15 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 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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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	15 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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	15 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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	15 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
1m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
1m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
1m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
1m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
7m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
7m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
7m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
7m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
7m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
11m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
12m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
16m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
18m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
19m SW	15 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
22m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
30m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
35m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
36m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
37m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
39m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
40m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
42m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
42m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
45m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
45m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m E	15 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
46m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
47m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
49m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
49m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
50m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 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^2).

This data is sourced from the British Geological Survey.

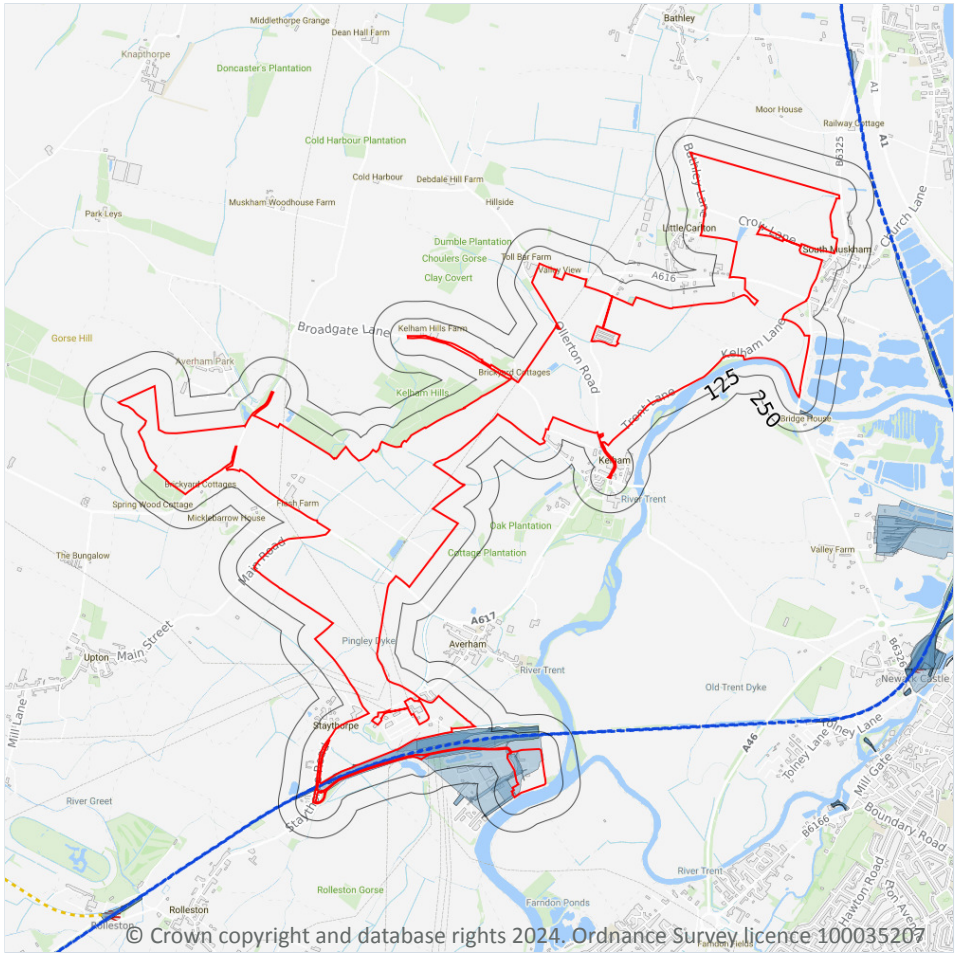
21.3 BGS Measured Urban Soil Chemistry

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^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



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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	14

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 244 >**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1969**	**2500**
On site	**Mineral Railway Sidings**	**1969**	**2500**
On site	**Railway Sidings**	**1956**	**10560**
On site	**Railway Sidings**	**1972**	**10000**
On site	**Railway Sidings**	**1992**	**10000**
2m SW	Mineral Railway Sidings	1990	2500
4m SW	Mineral Railway Sidings	1969	2500
4m SW	Mineral Railway Sidings	1969	2500
9m S	Mineral Railway Sidings	1990	2500
11m S	Railway Sidings	1990	2500
12m S	Railway Sidings	1969	2500
16m SW	Mineral Railway Sidings	1969	2500
96m E	Railway Sidings	1938	10560
96m E	Railway Sidings	1955	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	17

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 244 >**

Location	Name	Type
On site	**Nottingham to Lincoln Line**	**rail**
On site	**Nottingham to Lincoln Line**	**rail**
On site	**Not given**	**Multi Track**
11m SW	Not given	Multi Track
12m SW	Not given	Multi Track
14m S	Not given	Multi Track
16m SW	Not given	Multi Track
29m SW		rail
29m SW	Nottingham to Lincoln Line	rail
51m SW	Nottingham to Lincoln Line	rail
78m S	Not given	Multi Track
79m S	Not given	Multi Track

Location	Name	Type
104m S	Not given	Multi Track
127m SW	Not given	Multi Track
194m S	Nottingham to Lincoln Line	rail
196m S	Nottingham to Lincoln Line	rail
213m SW	Not given	Multi 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.

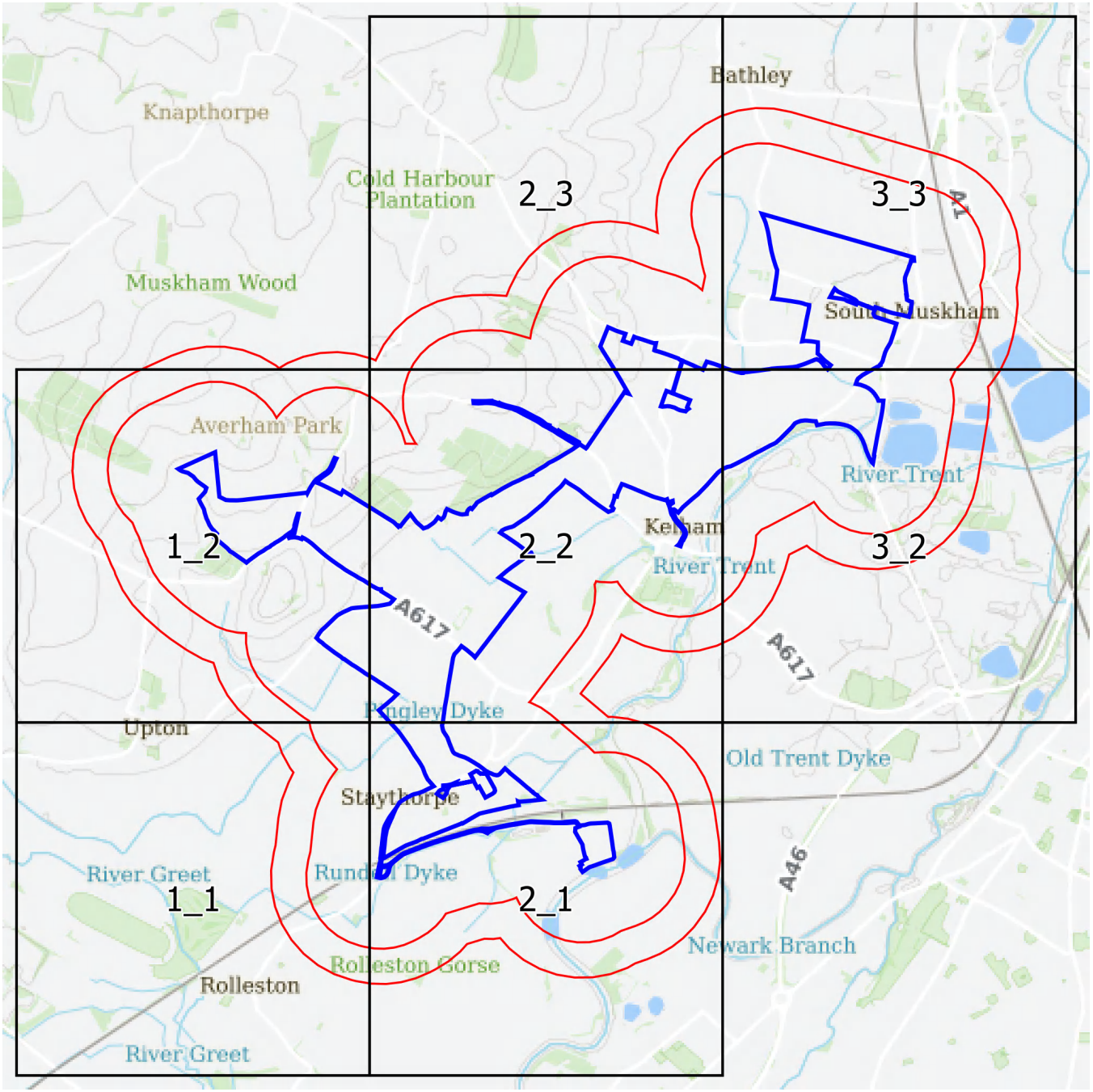
This data is sourced from HS2 ltd.

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 https://www.groundsure.com/sources-reference ↗.

Terms and conditions

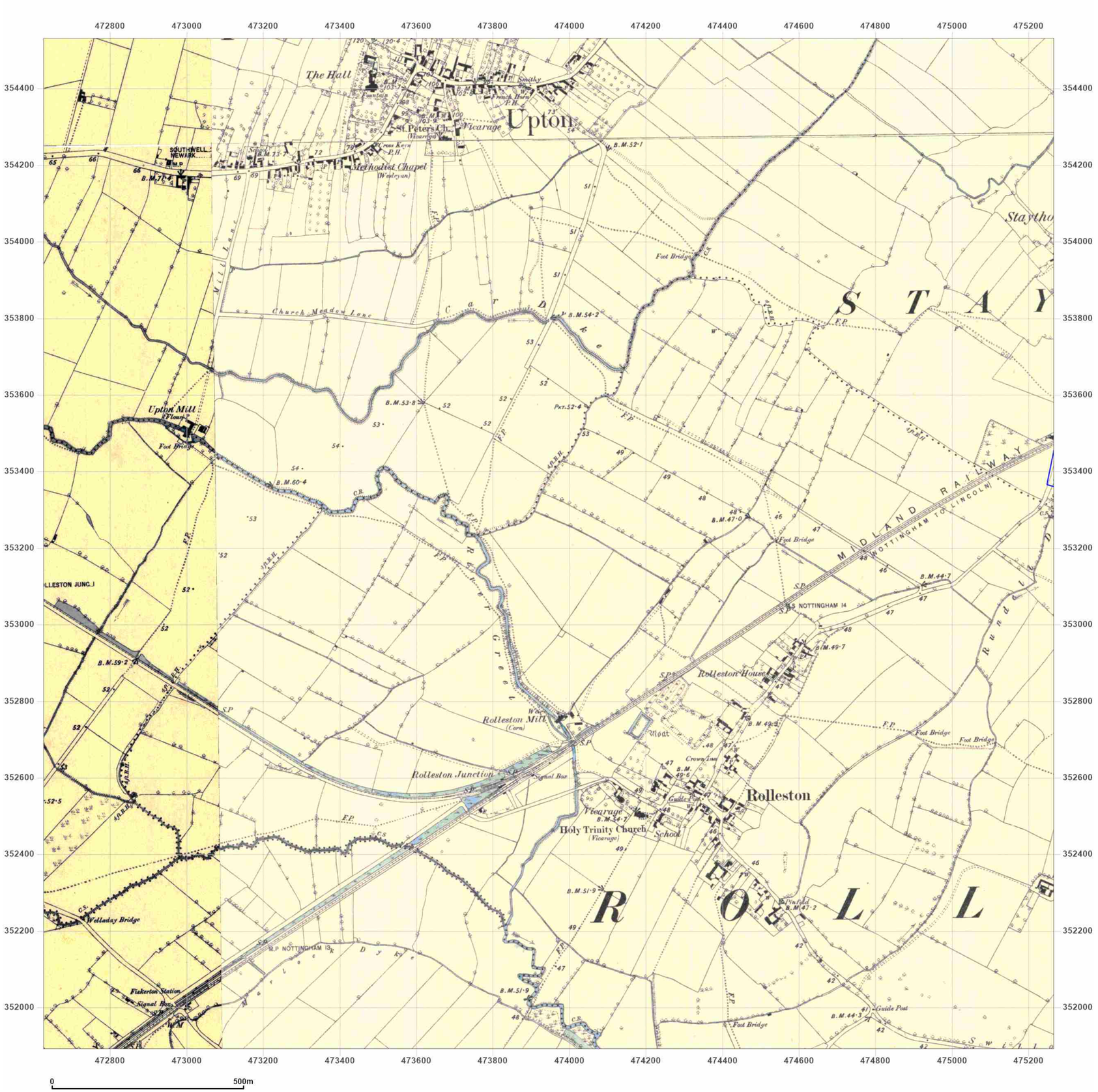
Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.

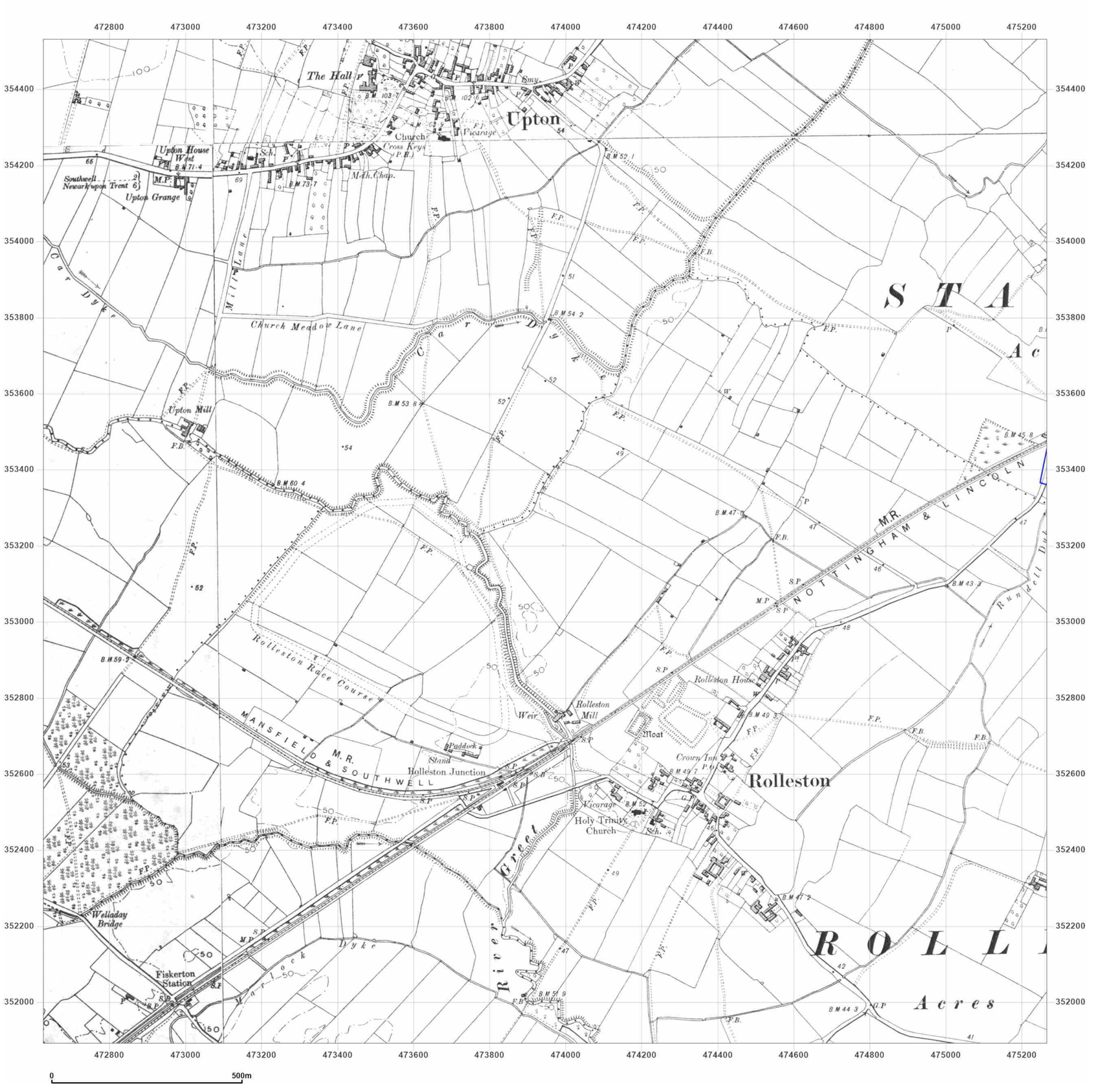


Groundsure INSIGHTS

Small Scale Grid Index

N
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472800
473000
473200
473400
473600
473800
474000
474200
474400
474600
474800
475000
475200
354400
354200
354000
353800
353600
353400
353200
353000
352800
352600
352400
352200
352000
The Hall
Upton
St. Peters Ch.
(Vicarage)
Vicarage
Methodist Chapel
(Wesleyan)
SOUTHWELL
NEWARK
M.P
Church Meadow Lane
Mill Lane
Upton Mill
(Flour)
Foot Bridge
Foot Bridge
Foot Bridge



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

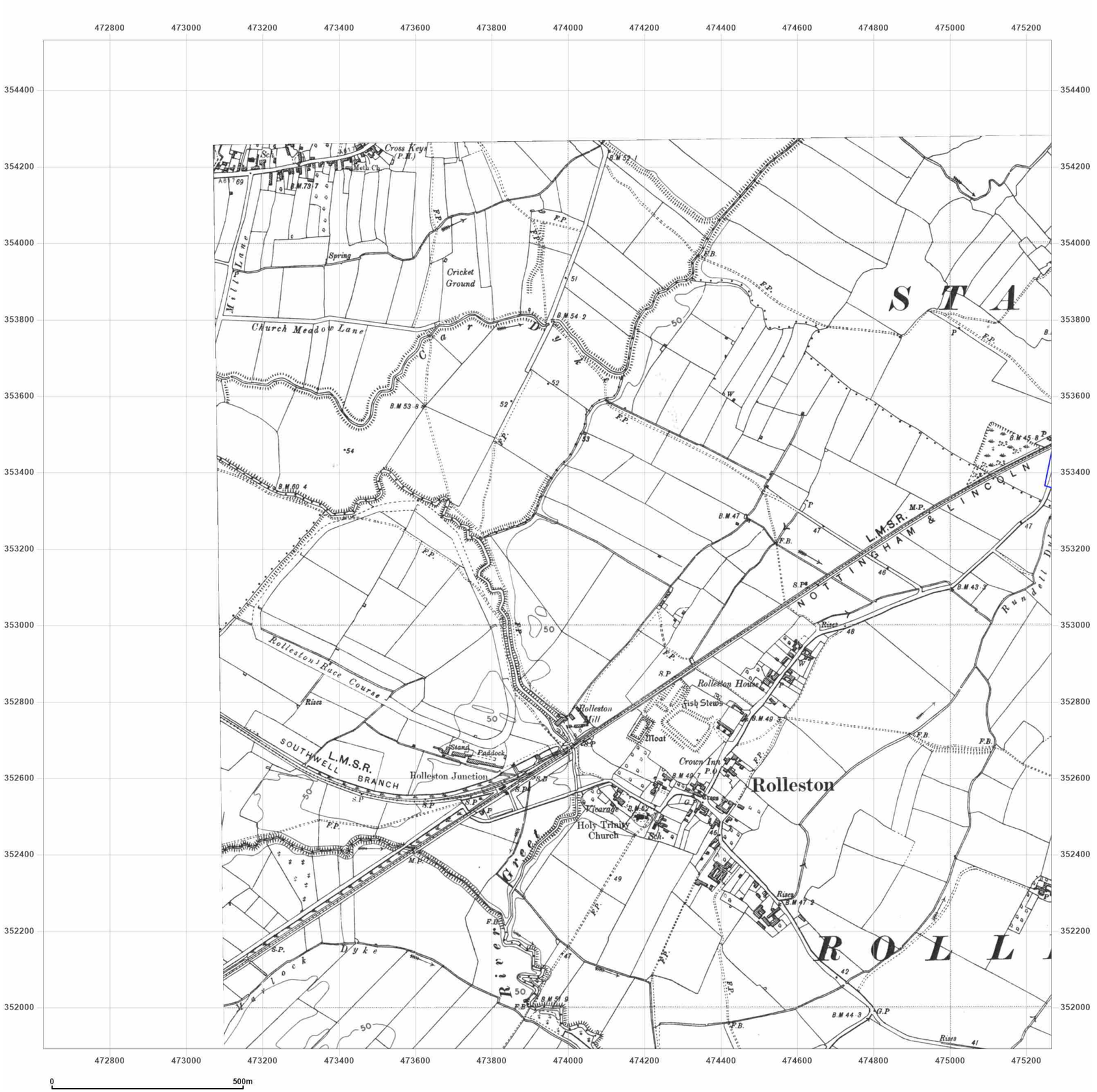
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

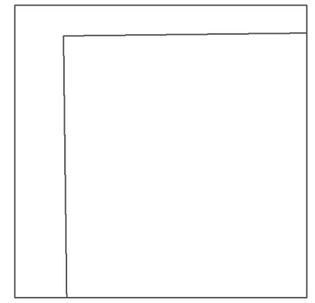
Map Name: County Series

Map date: **1915**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1883
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

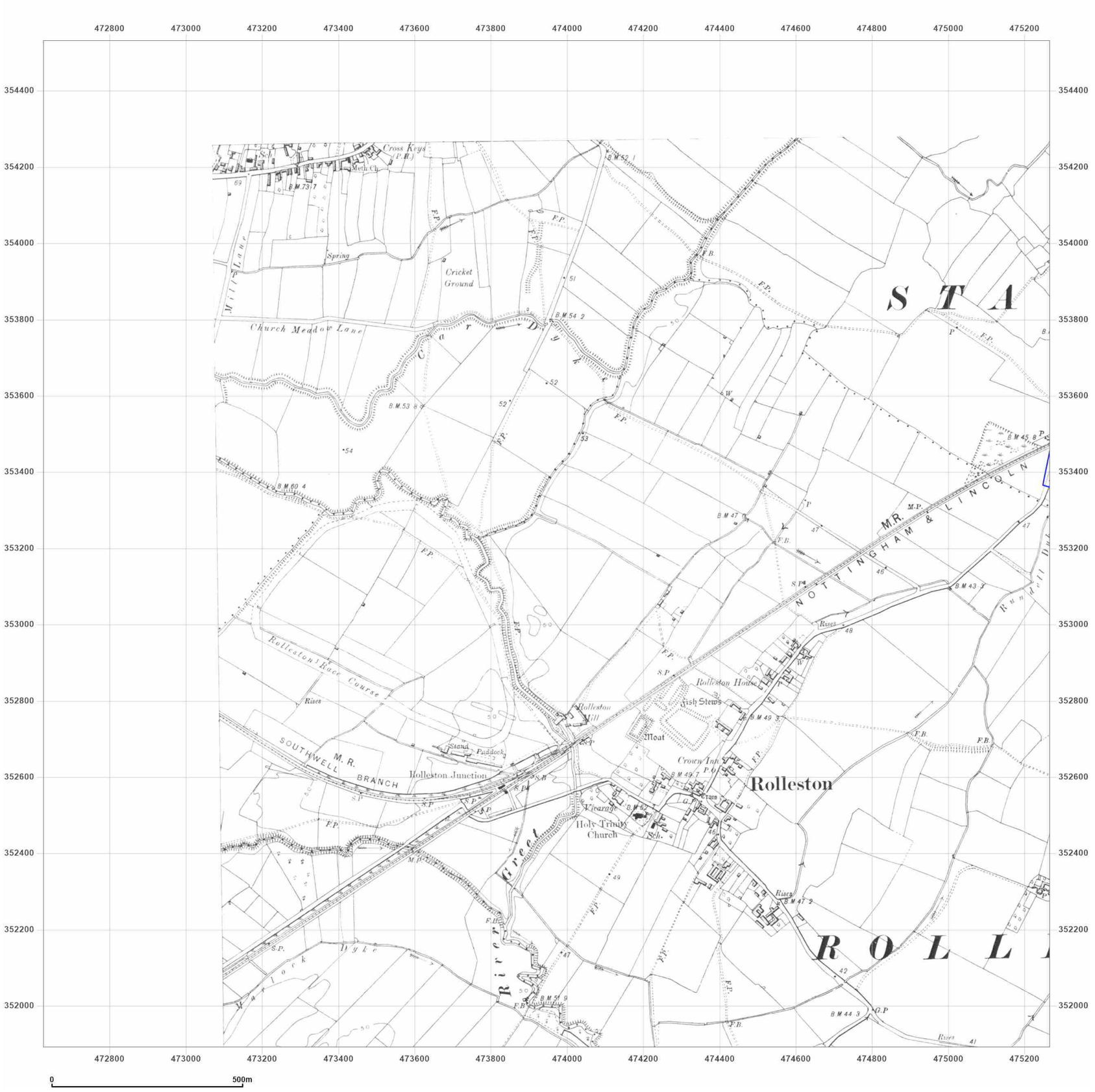
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

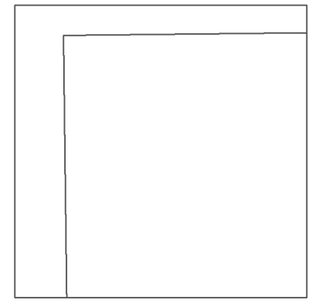
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Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1883
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

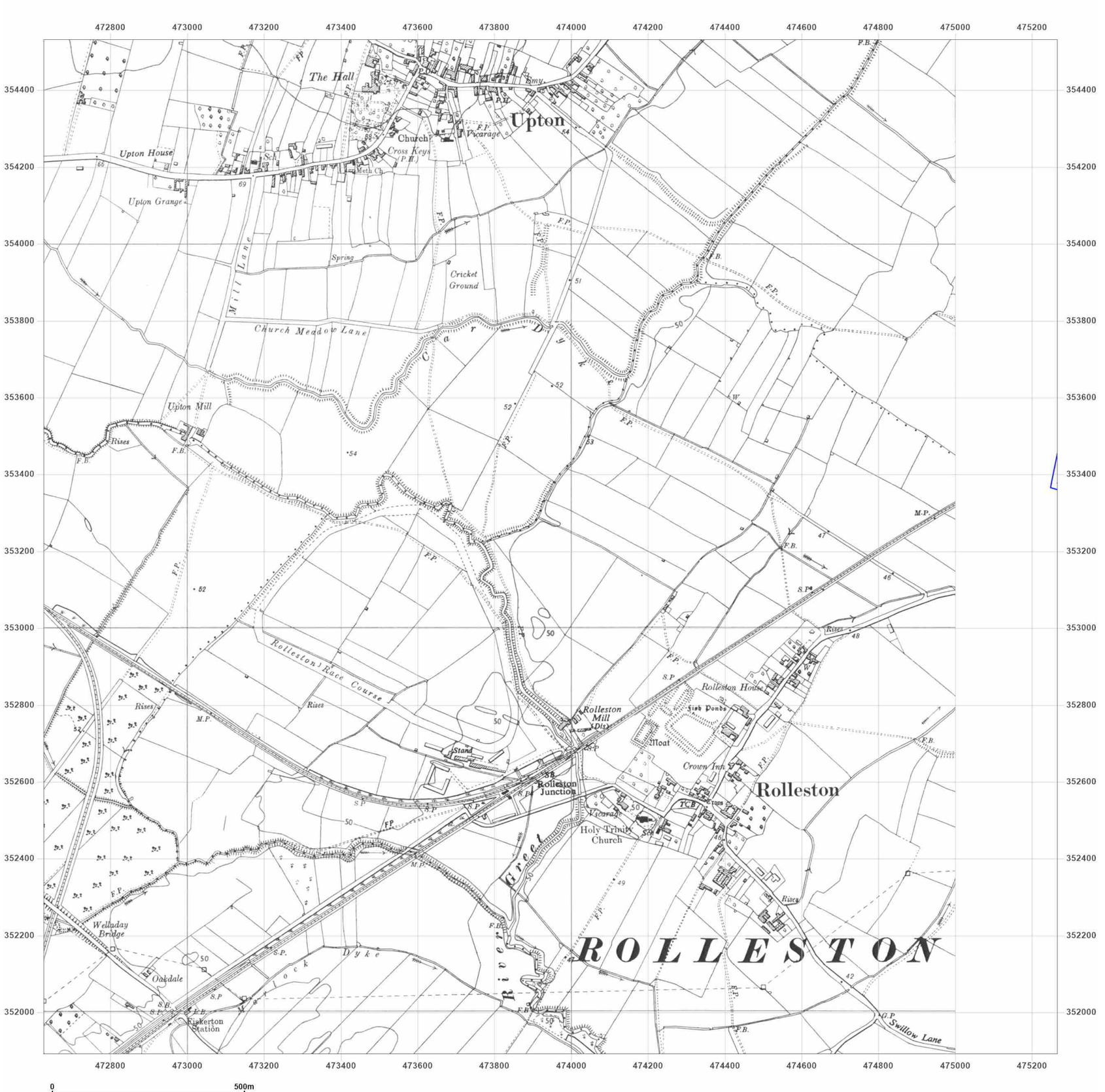
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: Provisional

Map date: **1950**

Scale: 1:10,560

Printed at: 1:10,560

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

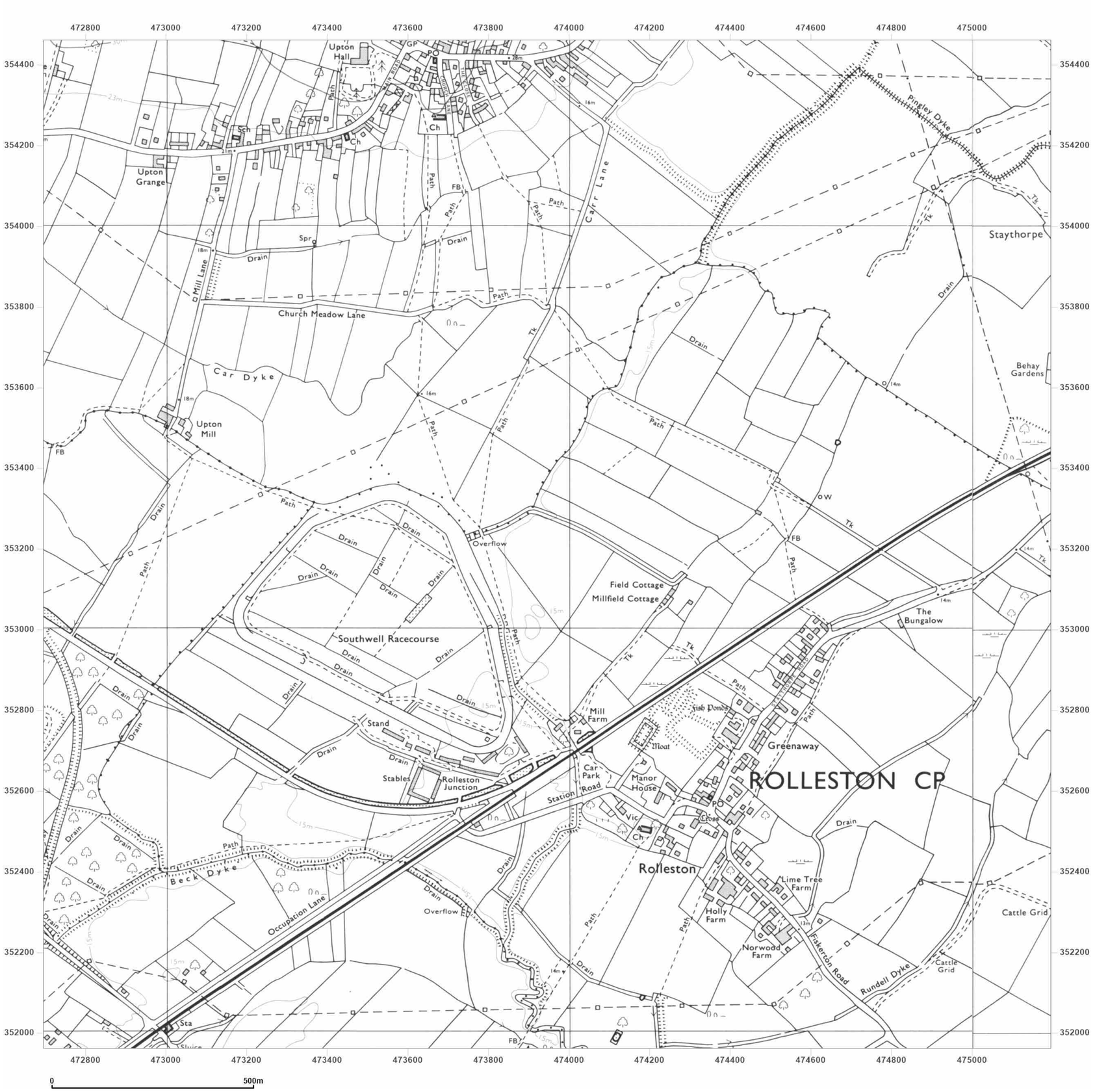
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: National Grid

Map date: **1972**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1969
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

Surveyed 1970
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1981
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

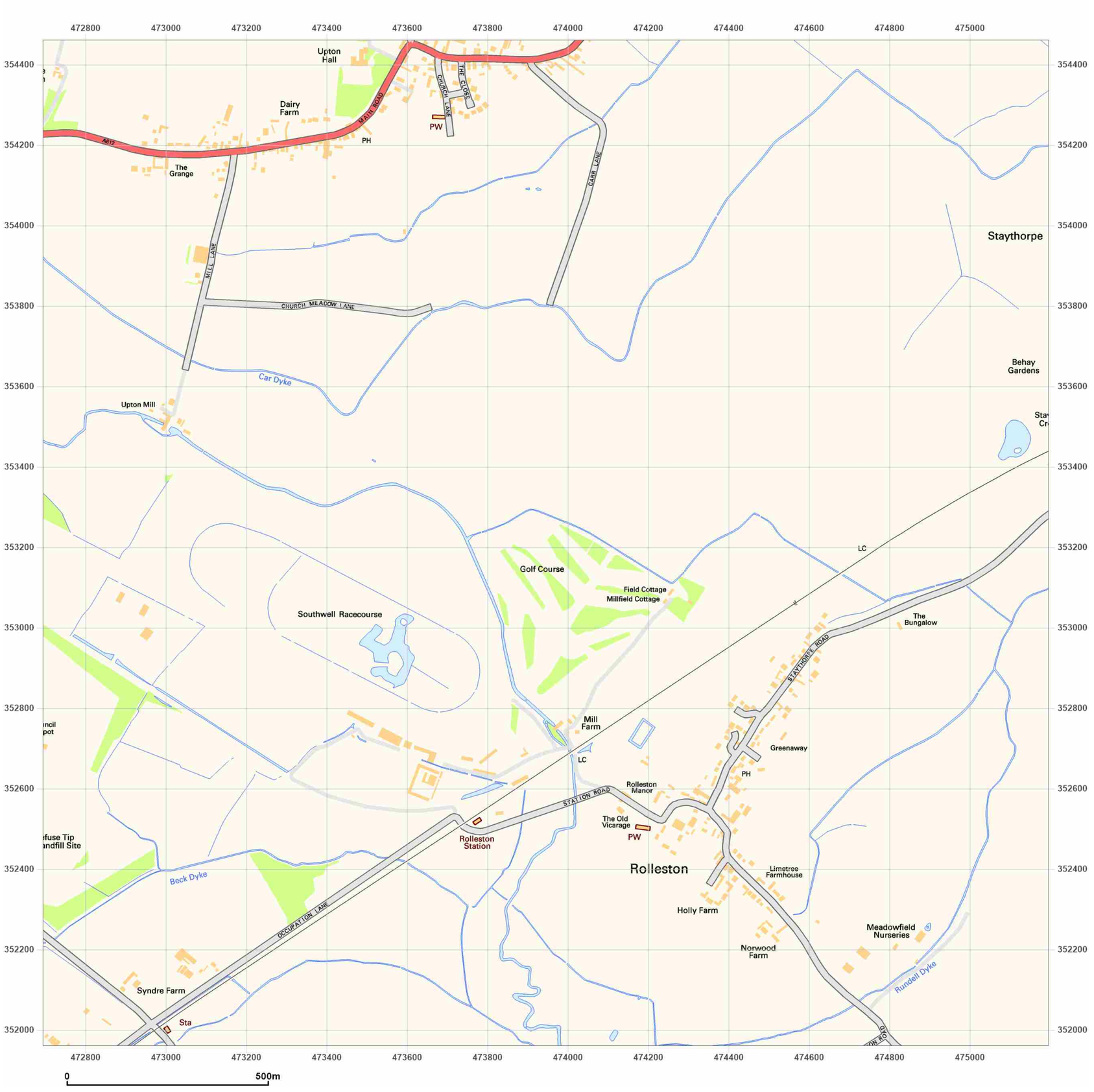
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Site Details:

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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
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2001

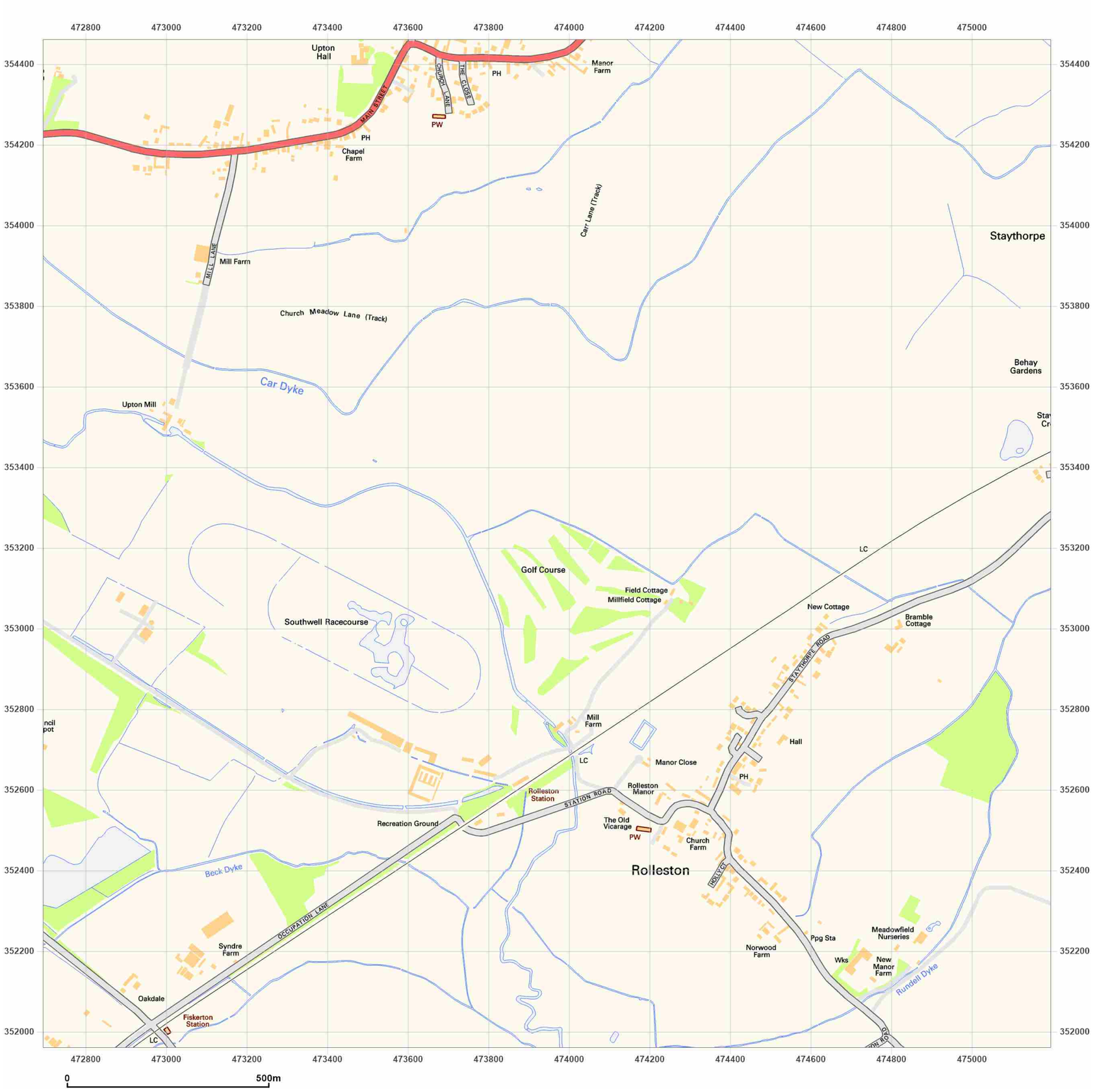
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Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
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2010

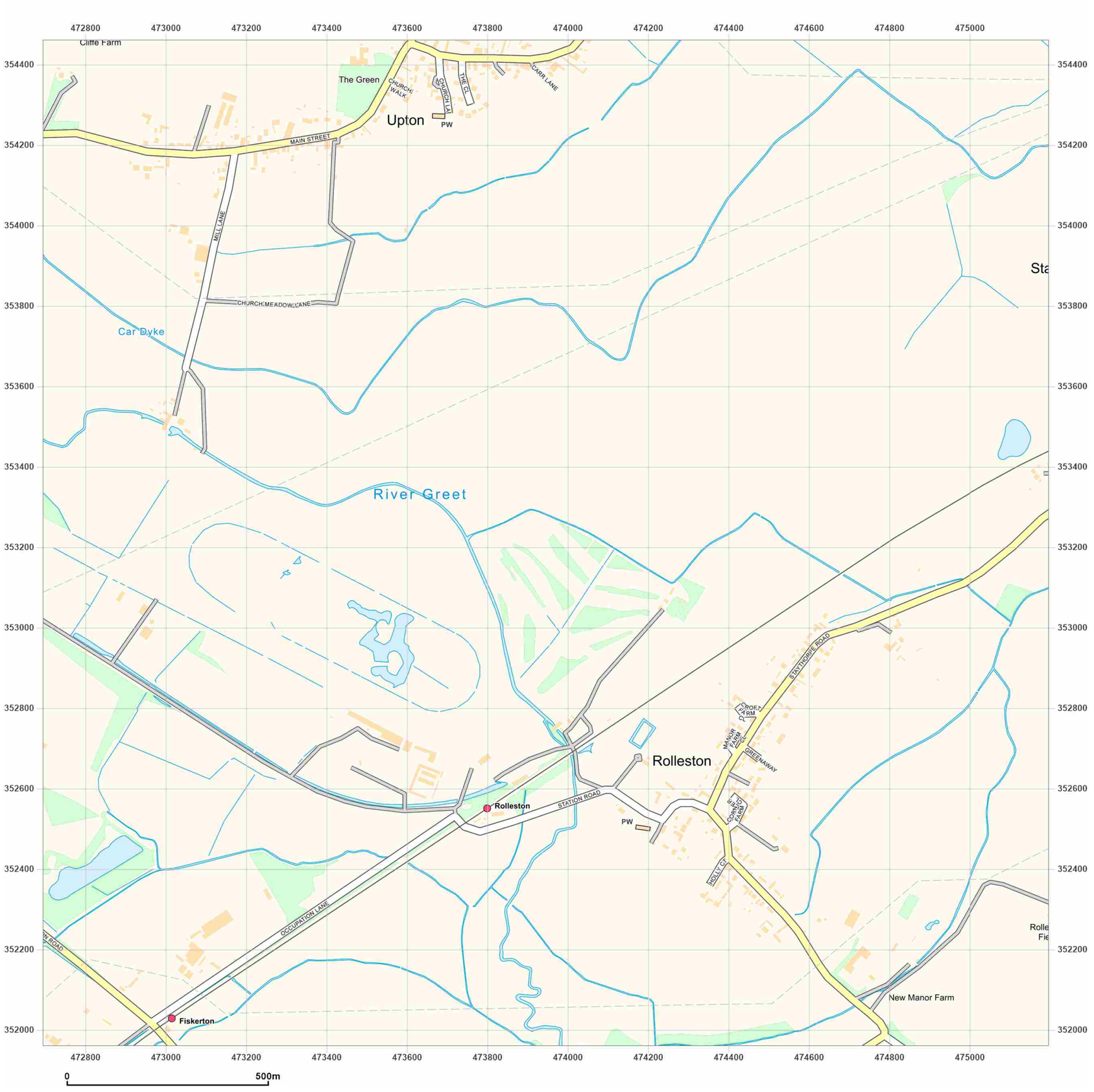
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_1
Grid Ref: 473945, 353211

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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2024

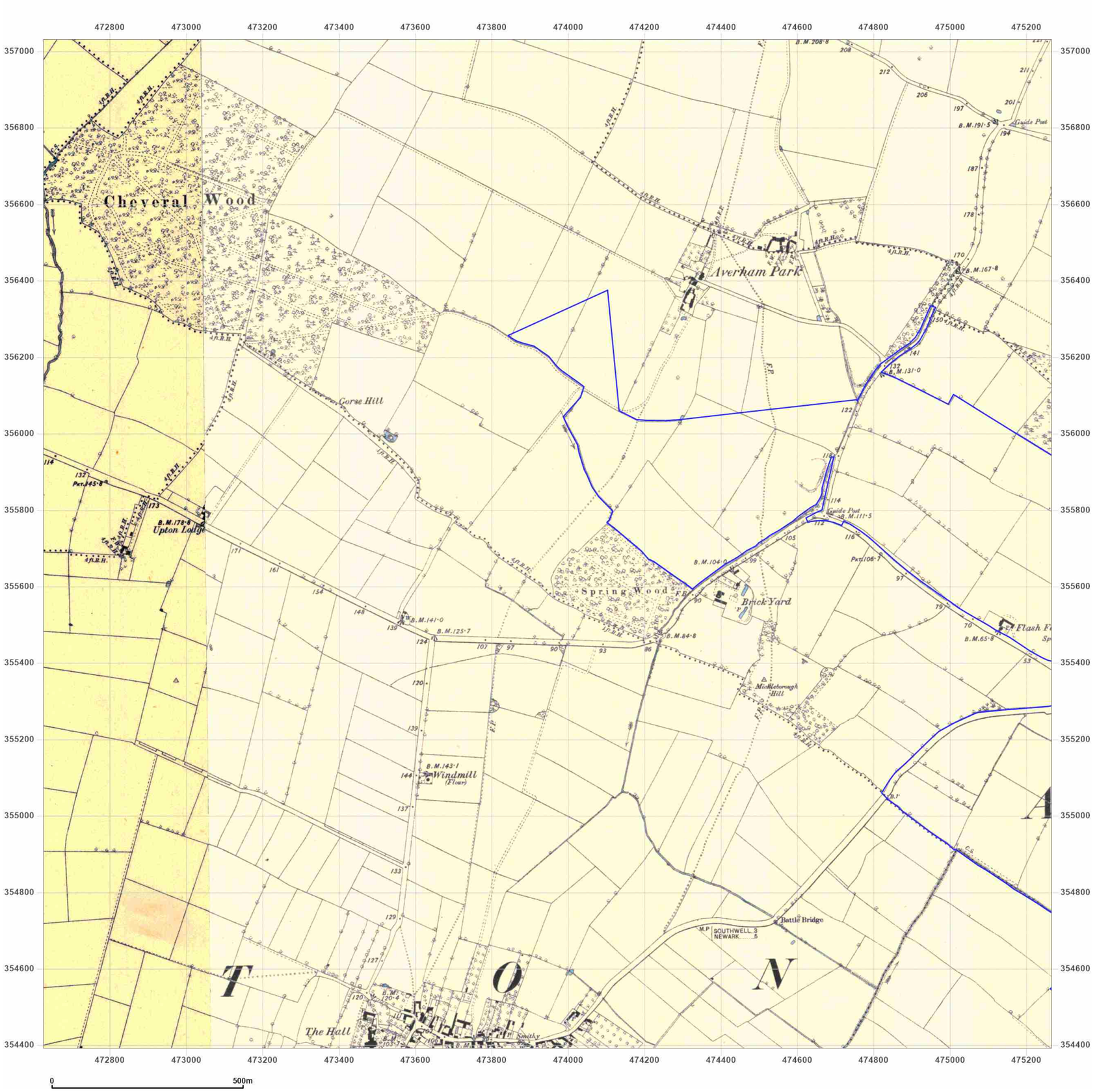
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

Map Name: County Series

Map date: **1883-1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

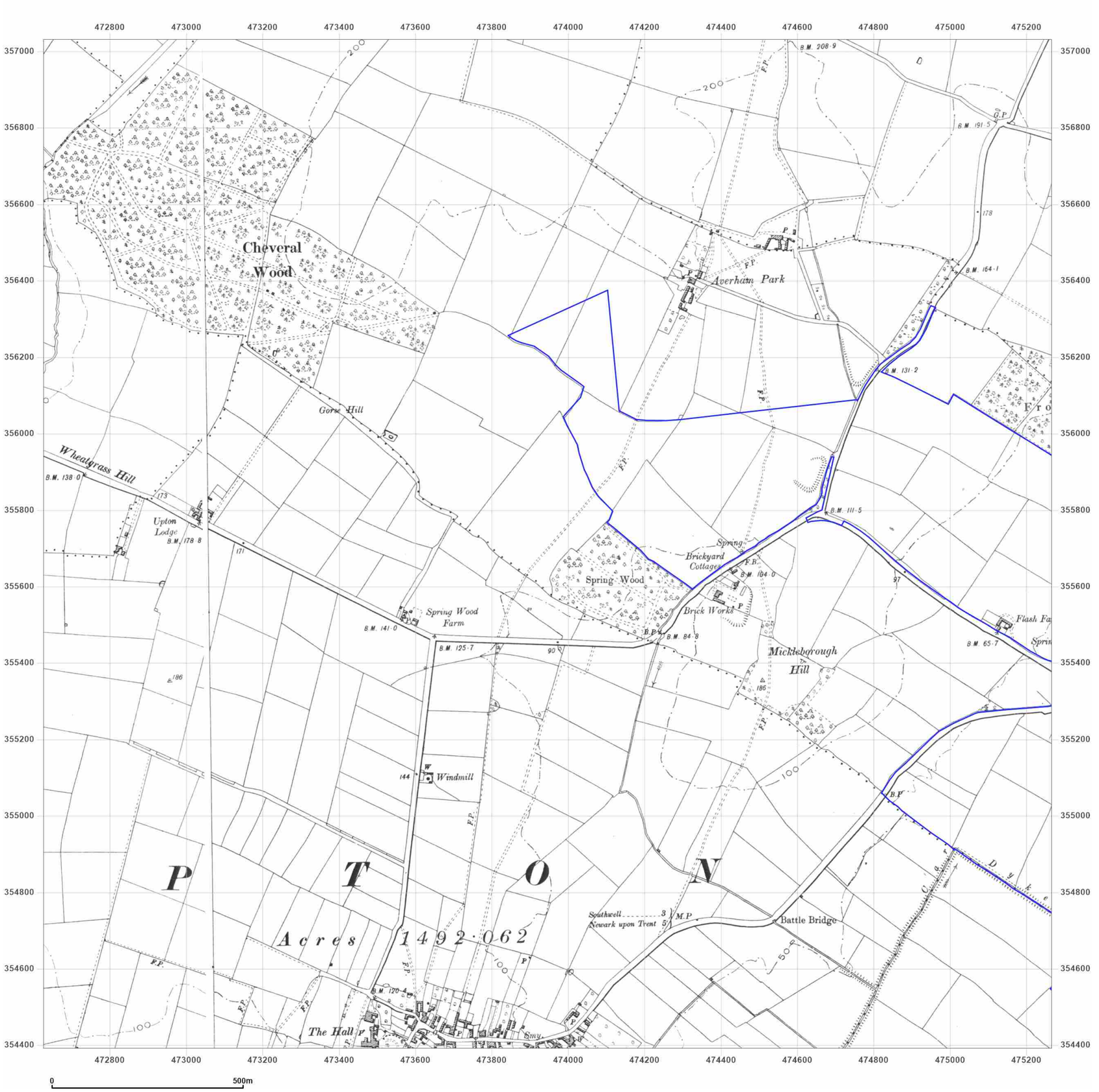
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

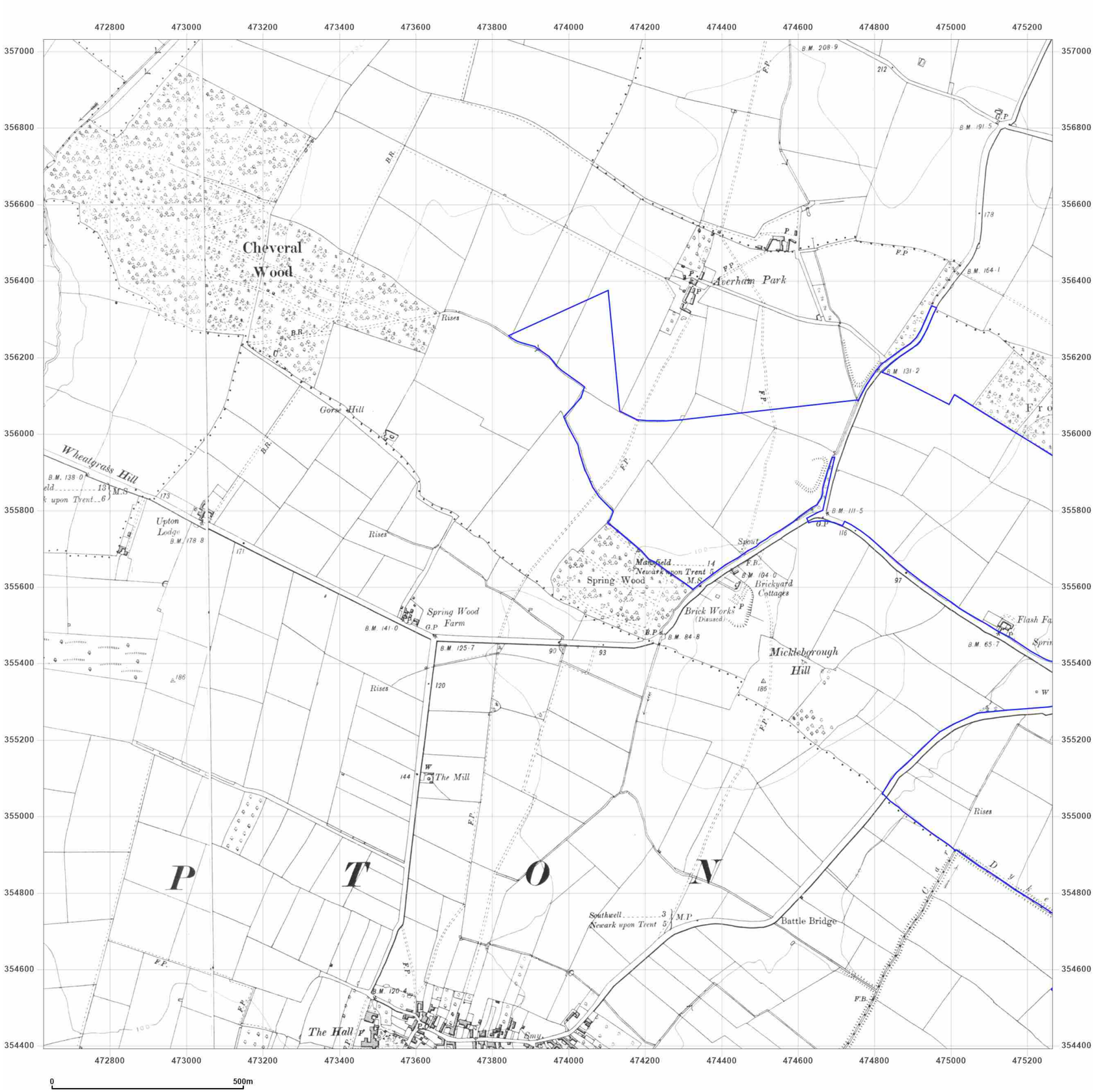
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

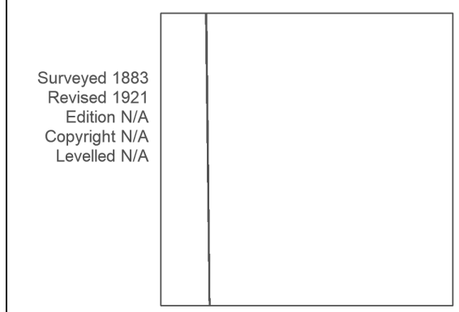
Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

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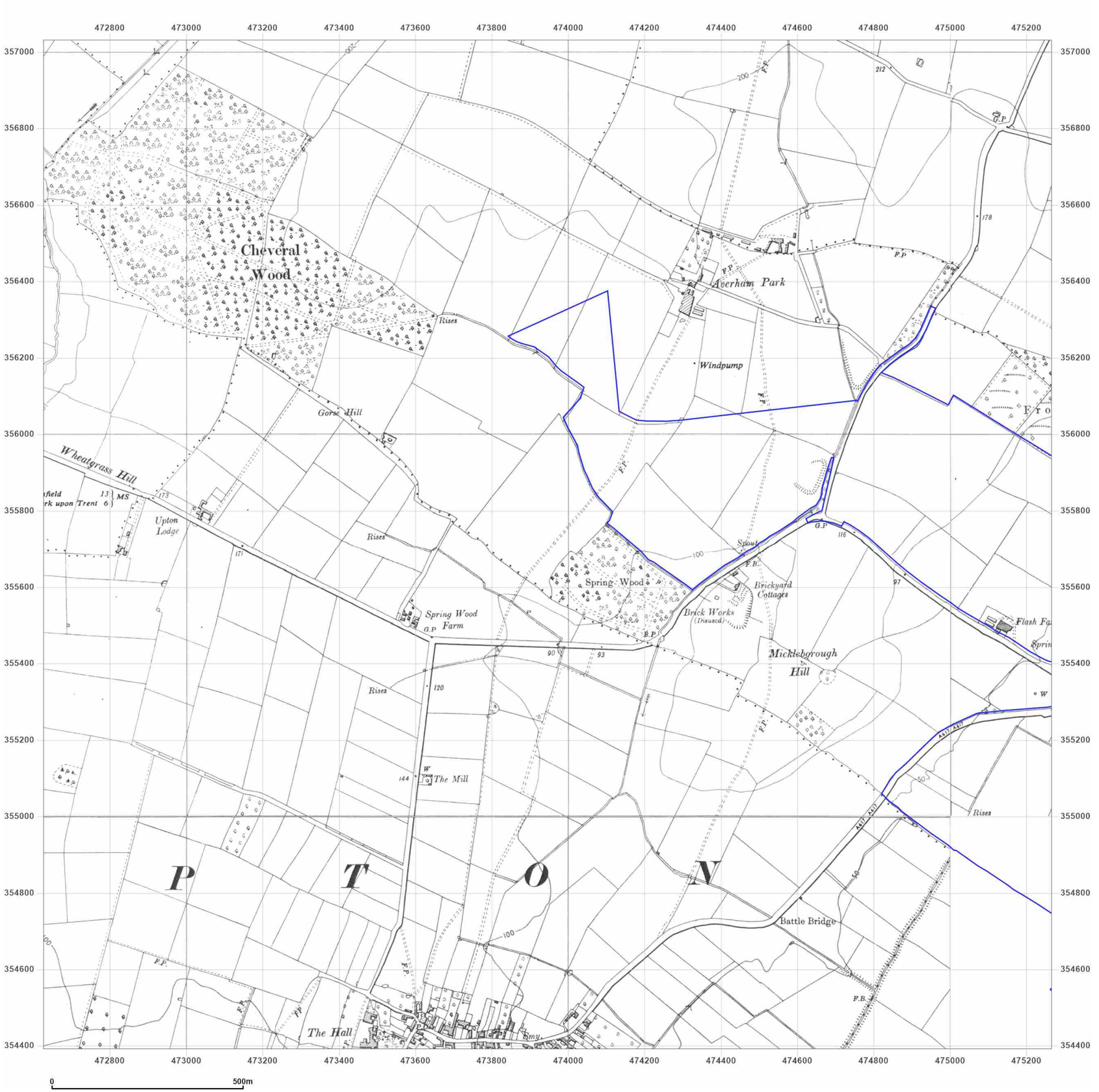
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

Map Name: Provisional
Map date: **1950-1955**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

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

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

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

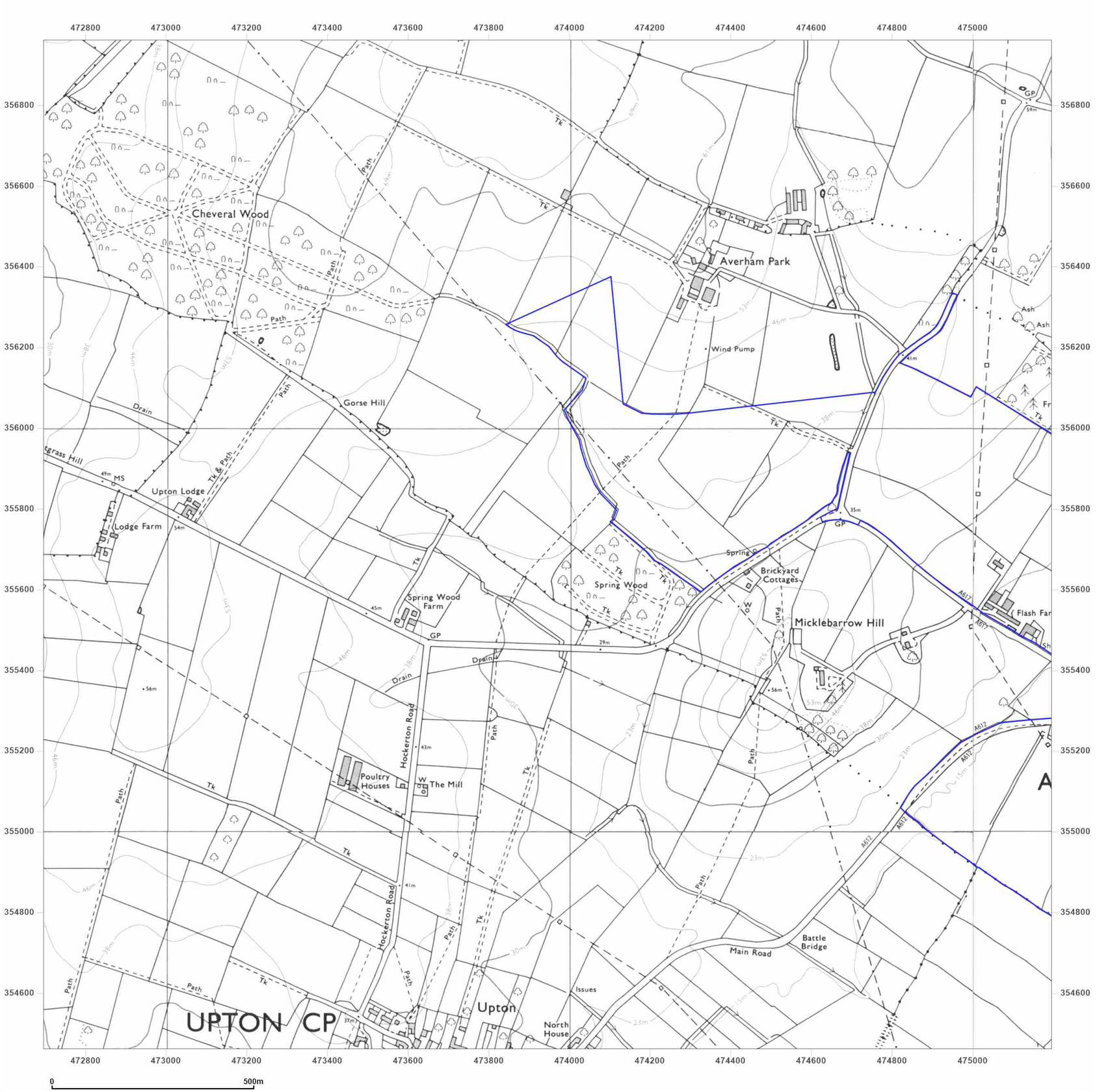
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

Map Name: National Grid

Map date: **1971-1972**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A

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

Surveyed 1969
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

Surveyed 1970
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

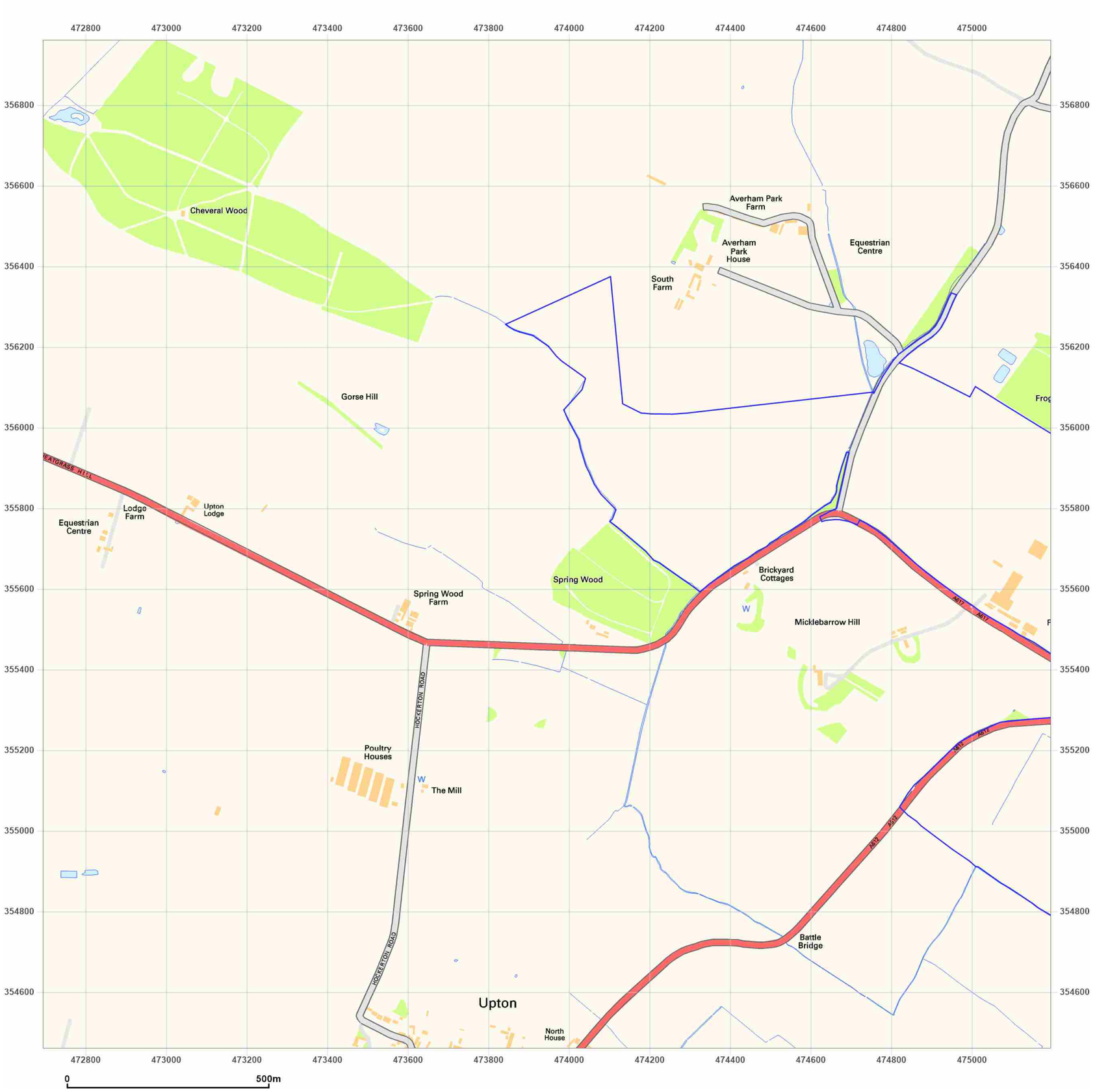
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

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

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2001

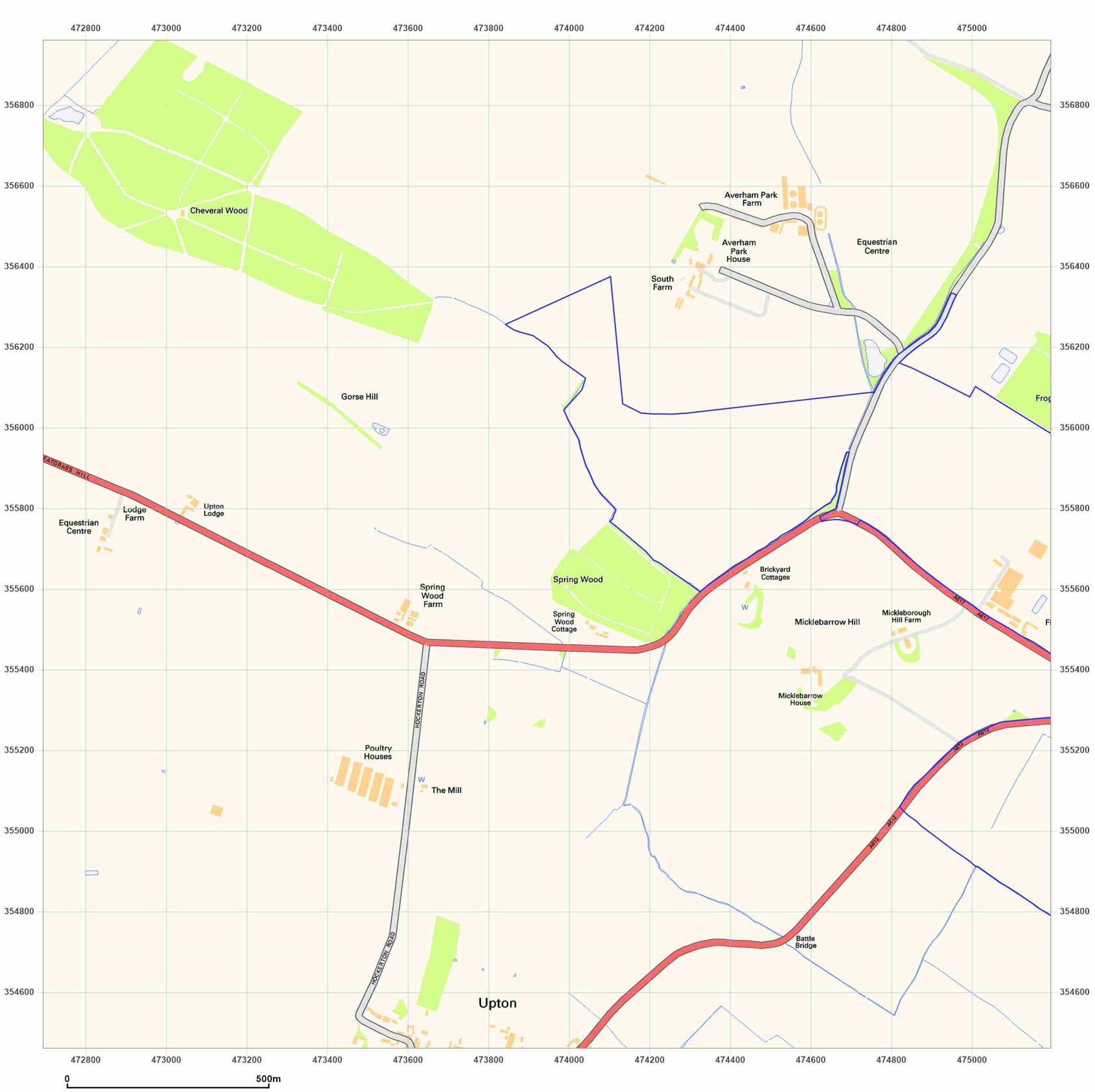
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

Map Name: National Grid
Map date: **2010**
Scale: 1:10,000
Printed at: 1:10,000

N
W E
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2010

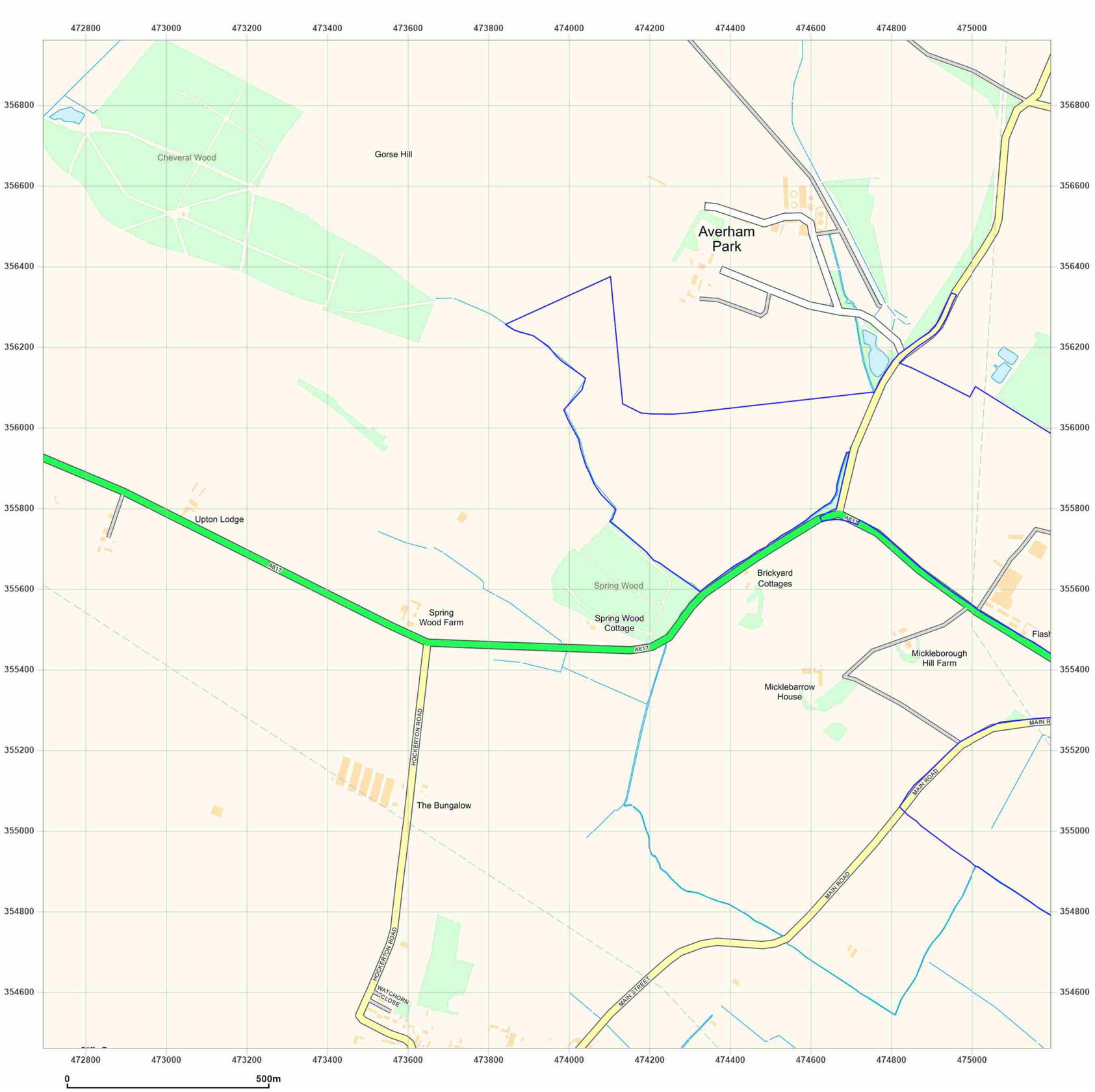
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_1_2
Grid Ref: 473945, 355711

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

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2024

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

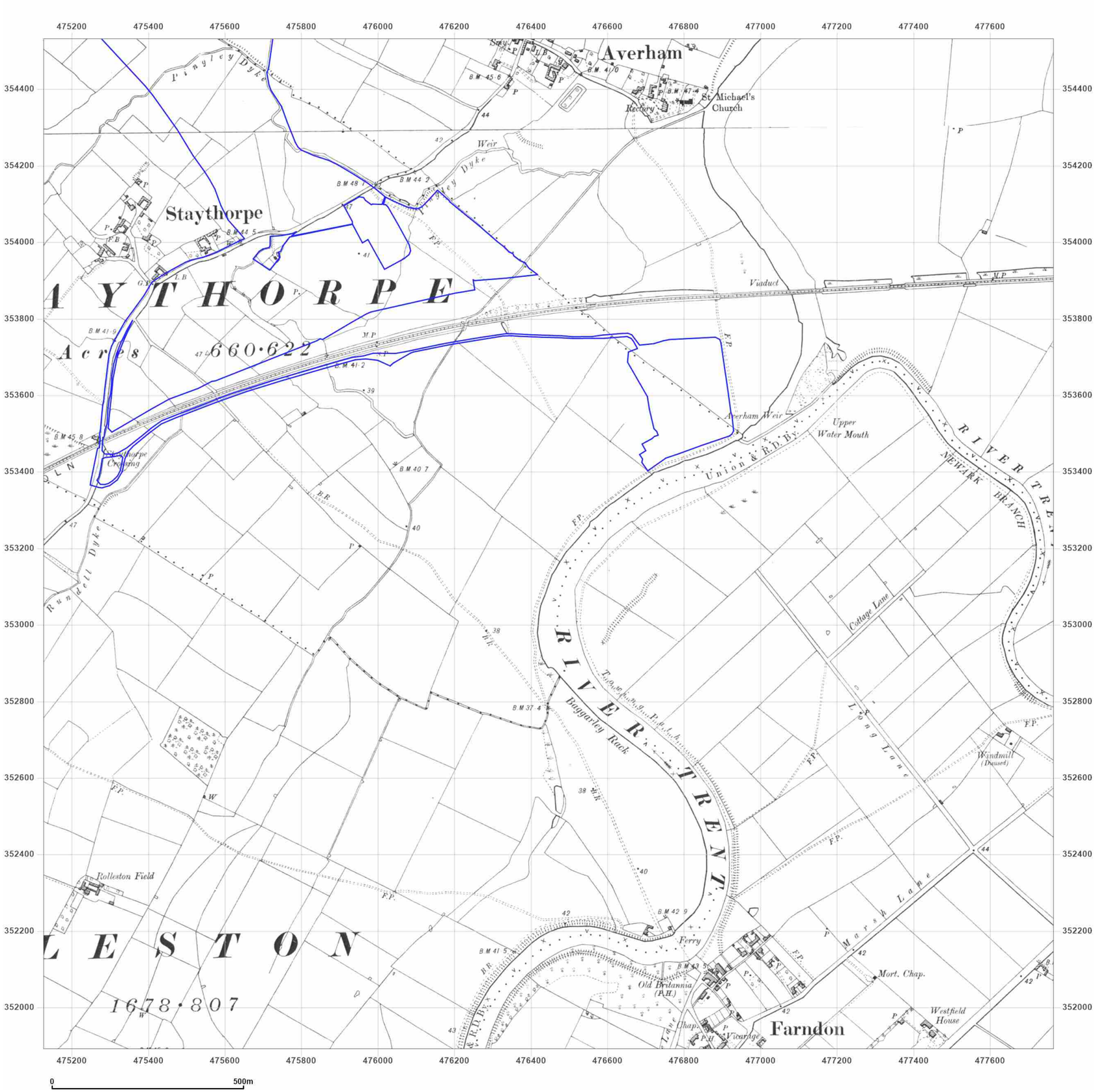
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: County Series

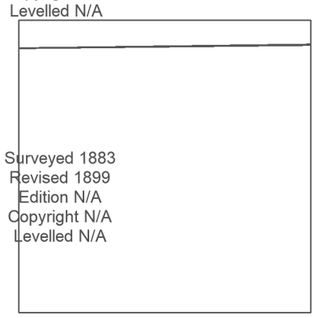
Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

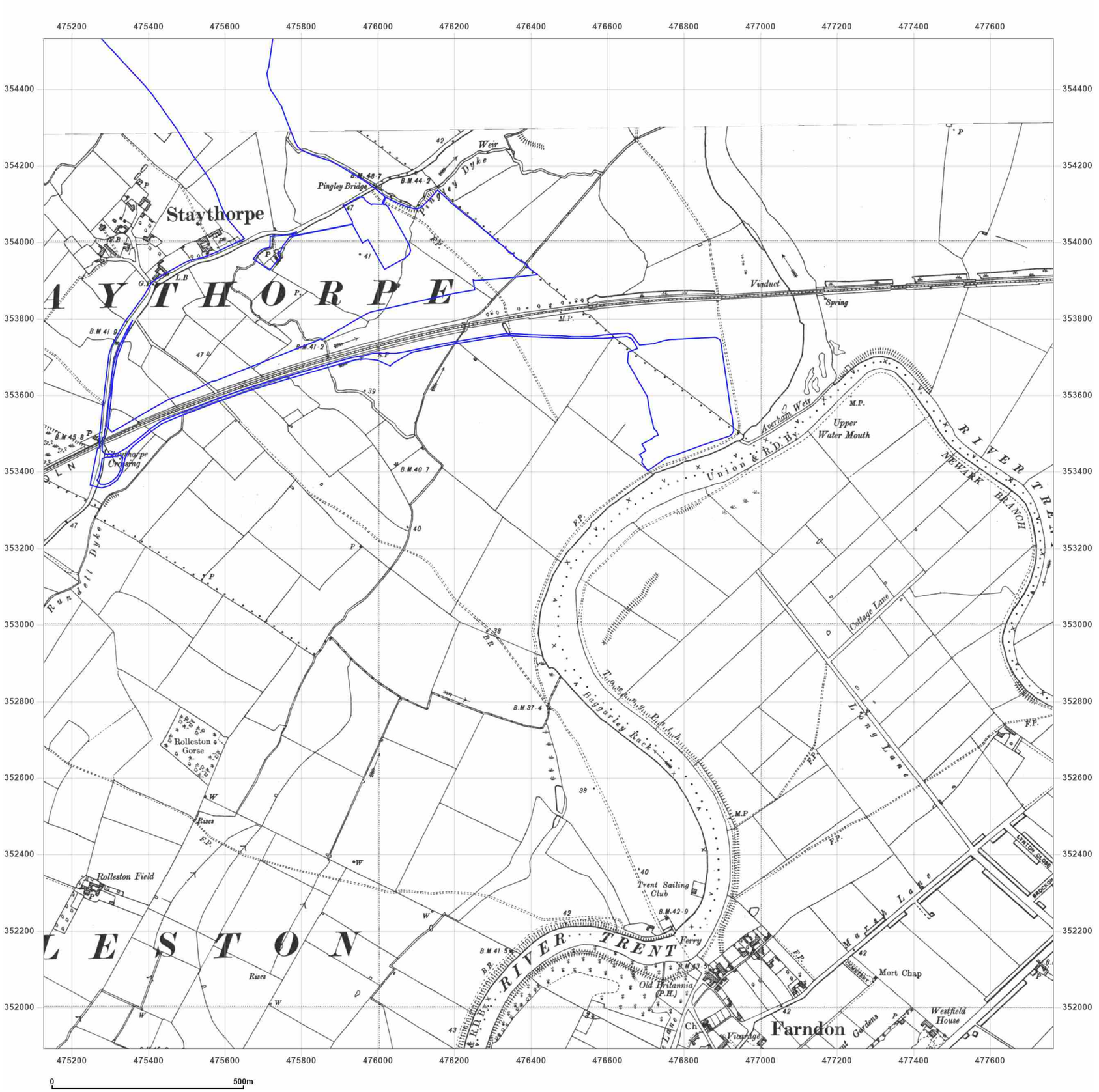
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: County Series

Map date: **1915**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

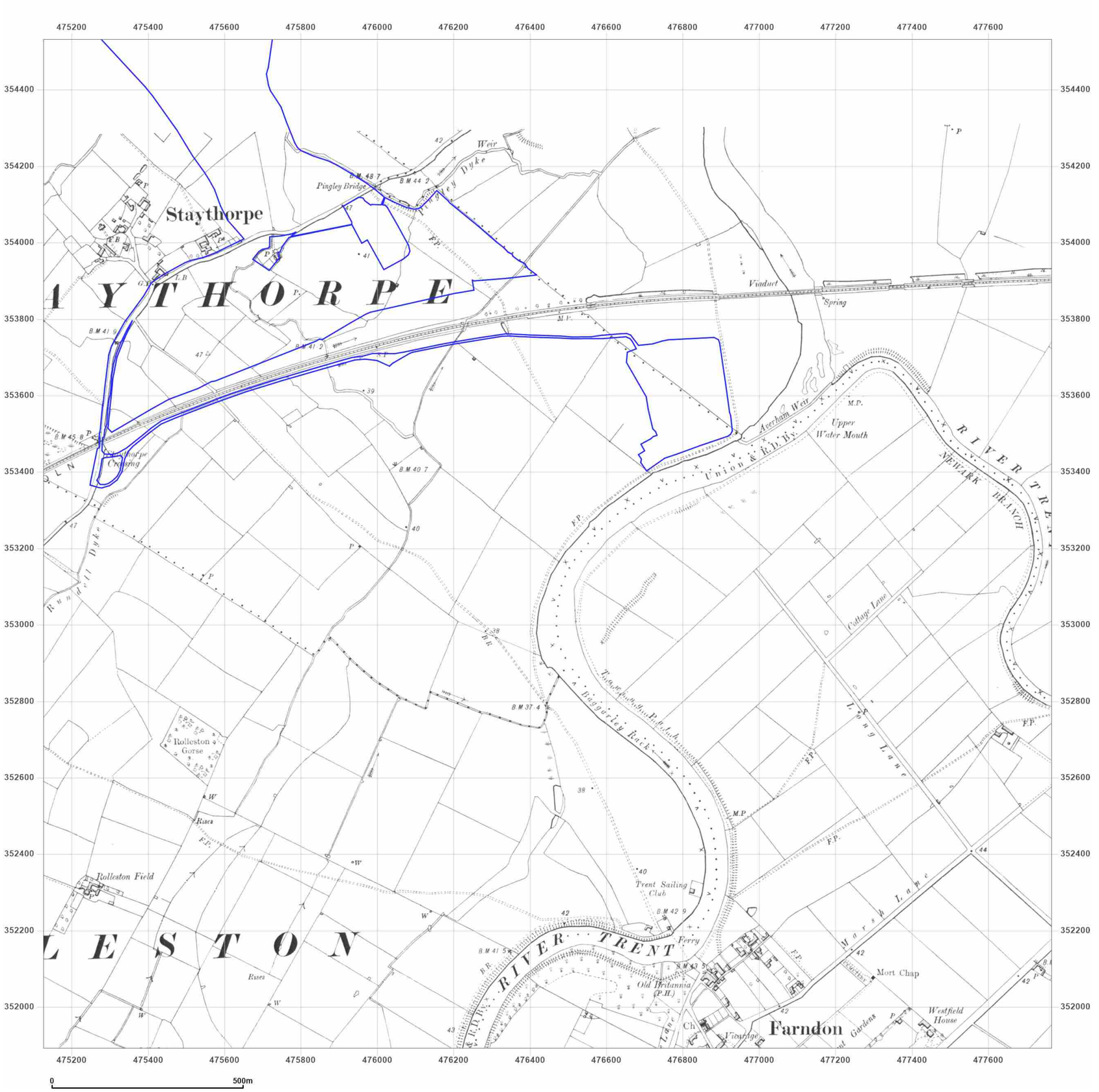
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: County Series

Map date: **1915**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

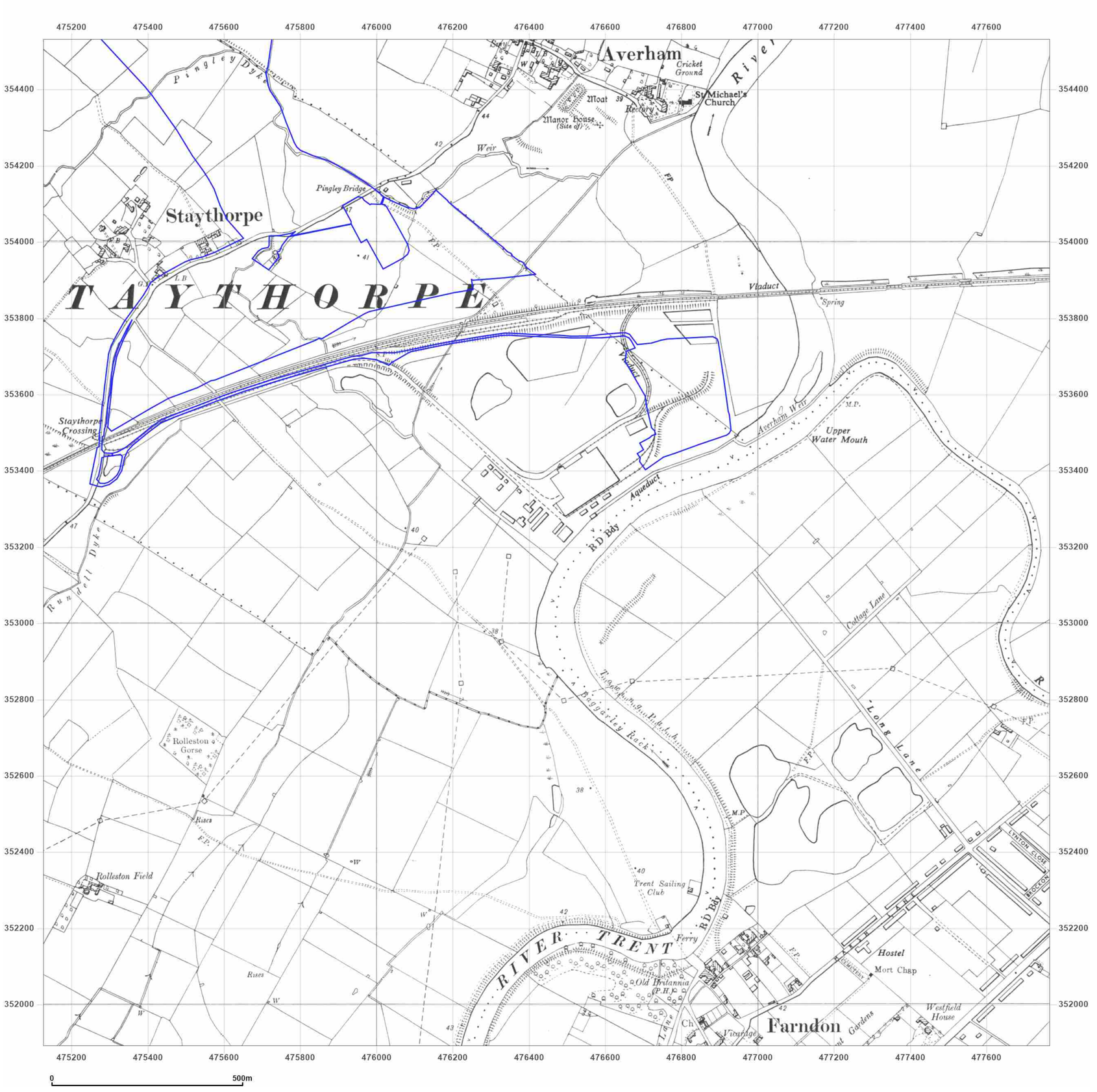
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

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

N
W E
S

Surveyed N/A
Revised 1954
Edition N/A
Copyright 1956
Levelled N/A

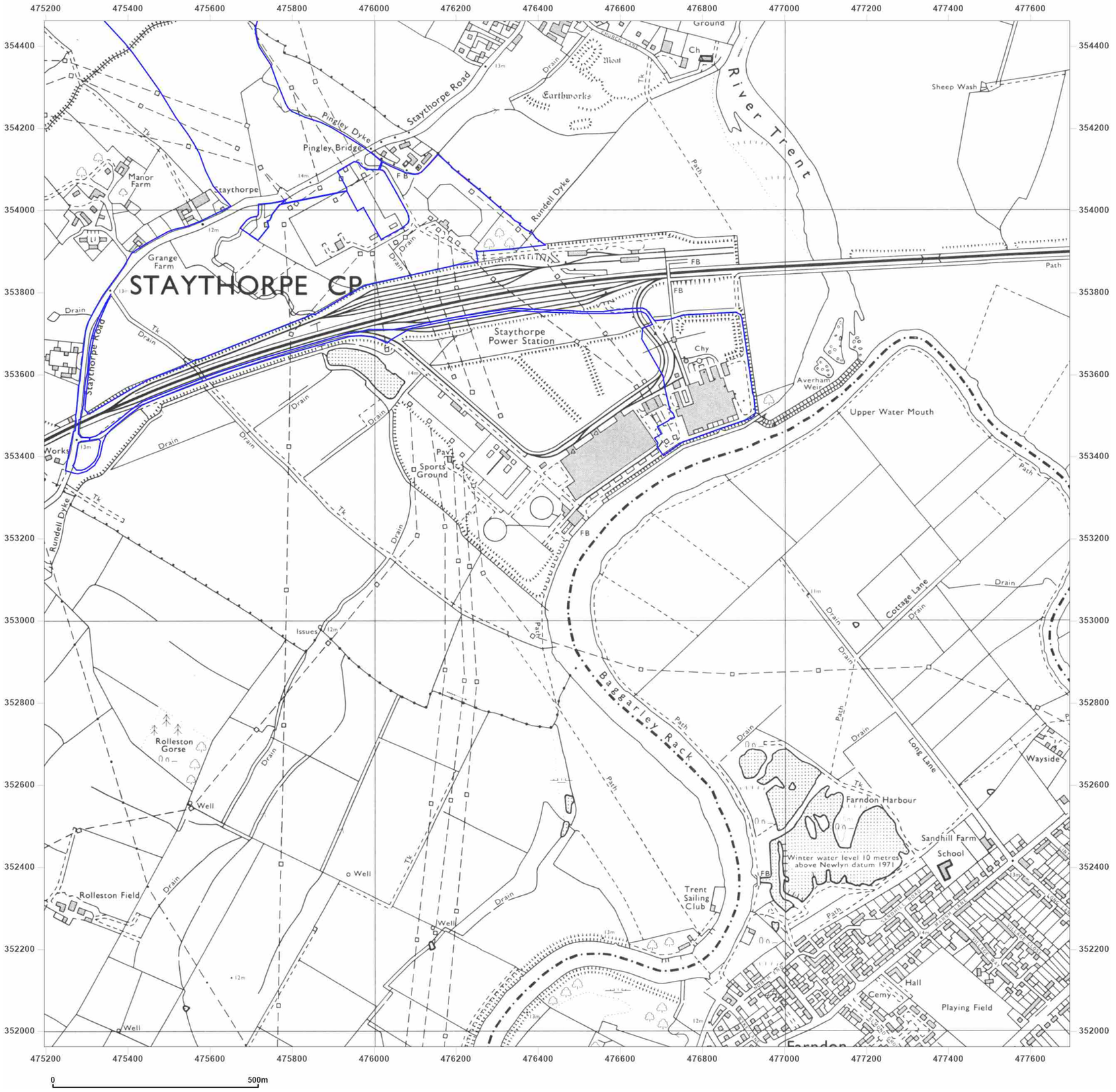
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: National Grid

Map date: **1972**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1970
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

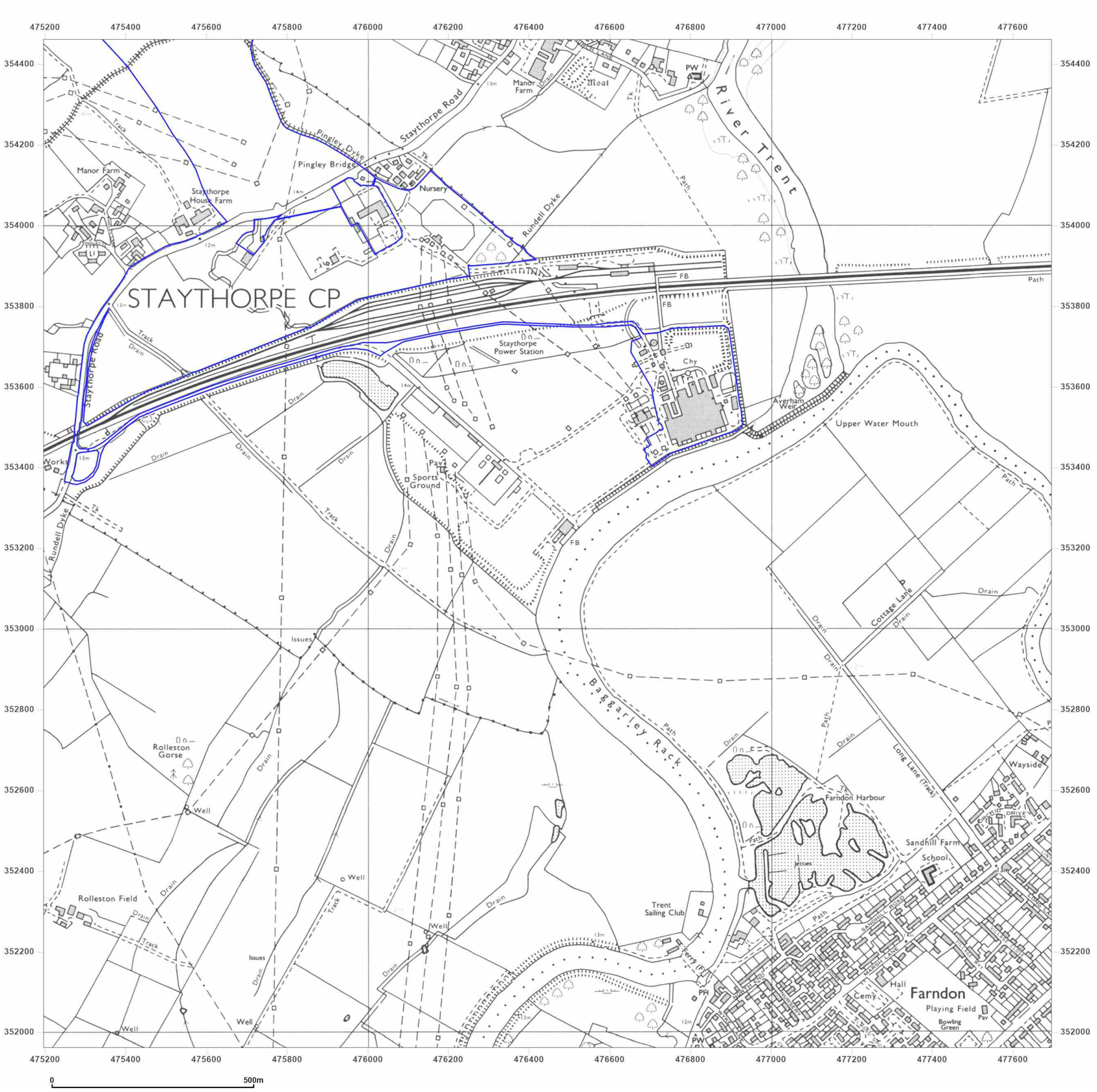
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

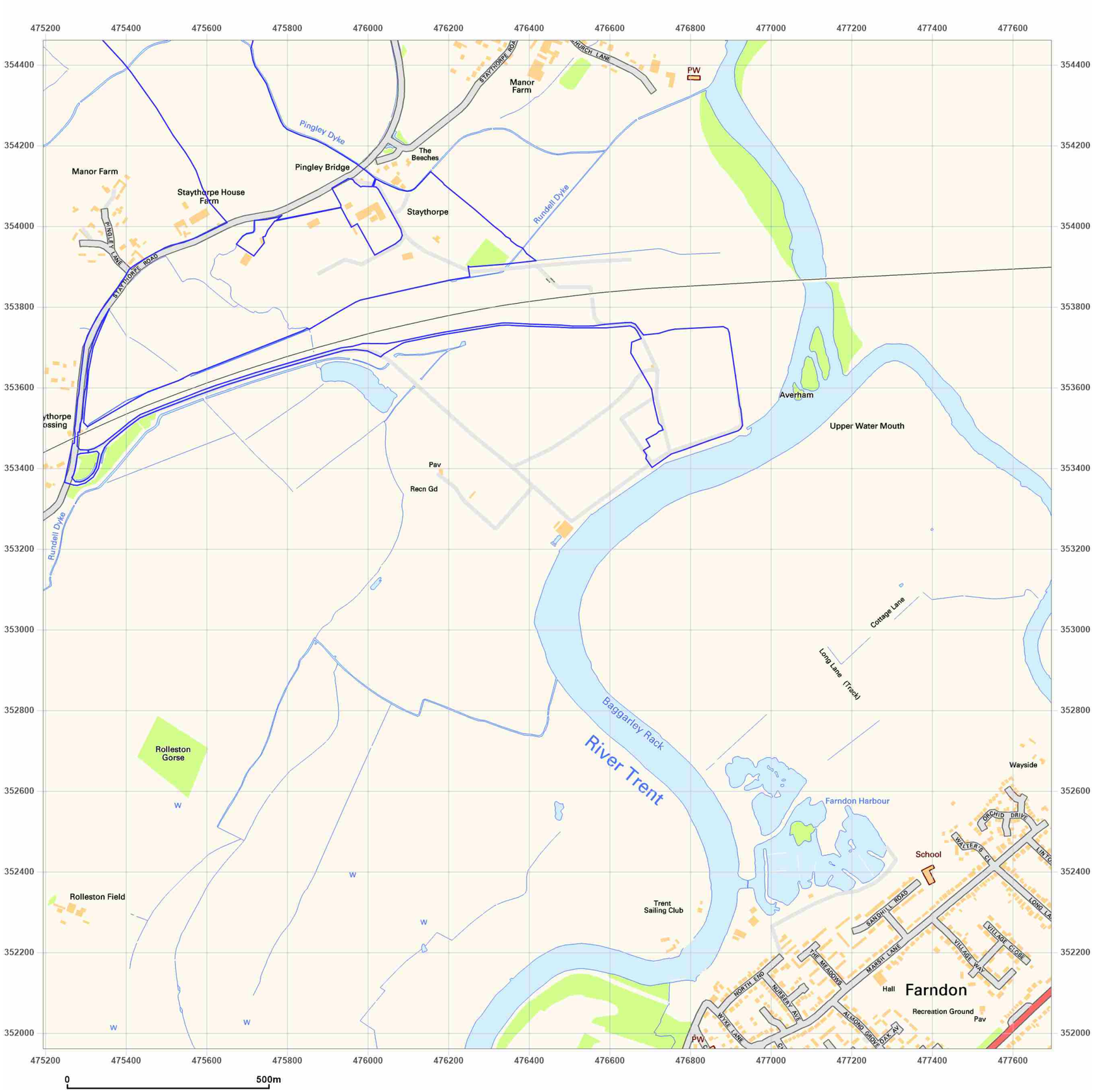
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
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2001

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2010

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_1
Grid Ref: 476445, 353211

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2024

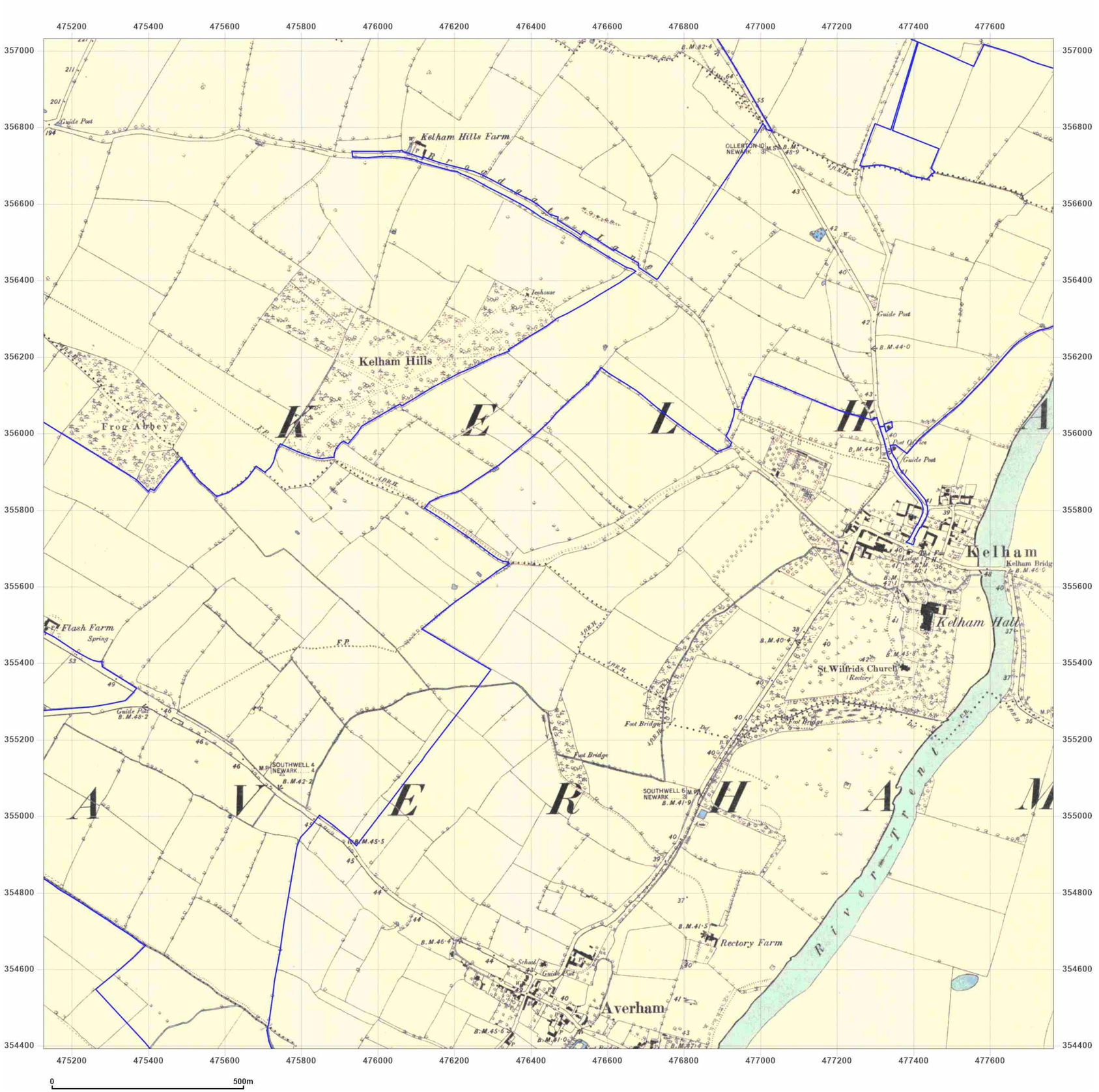
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

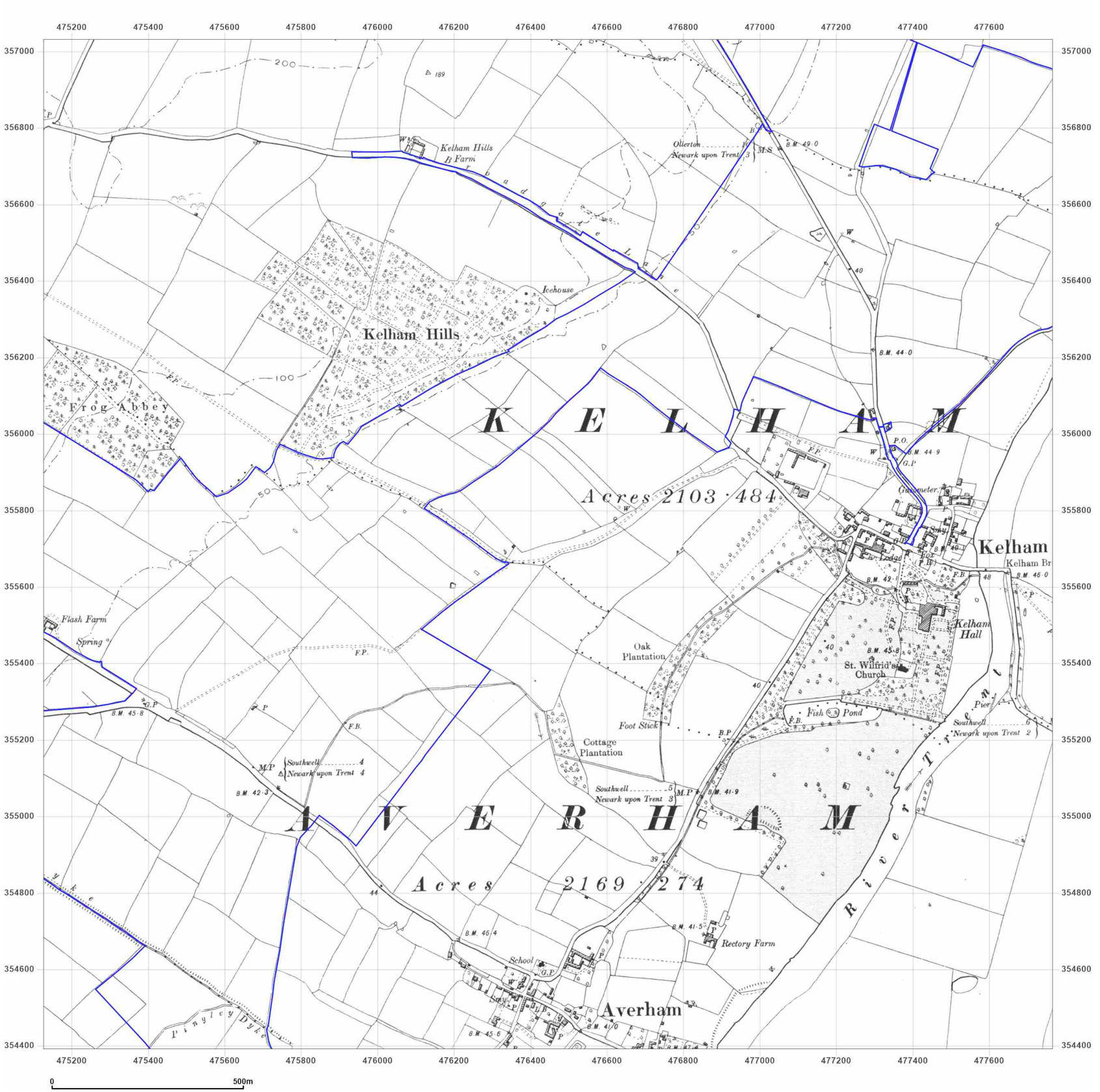
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

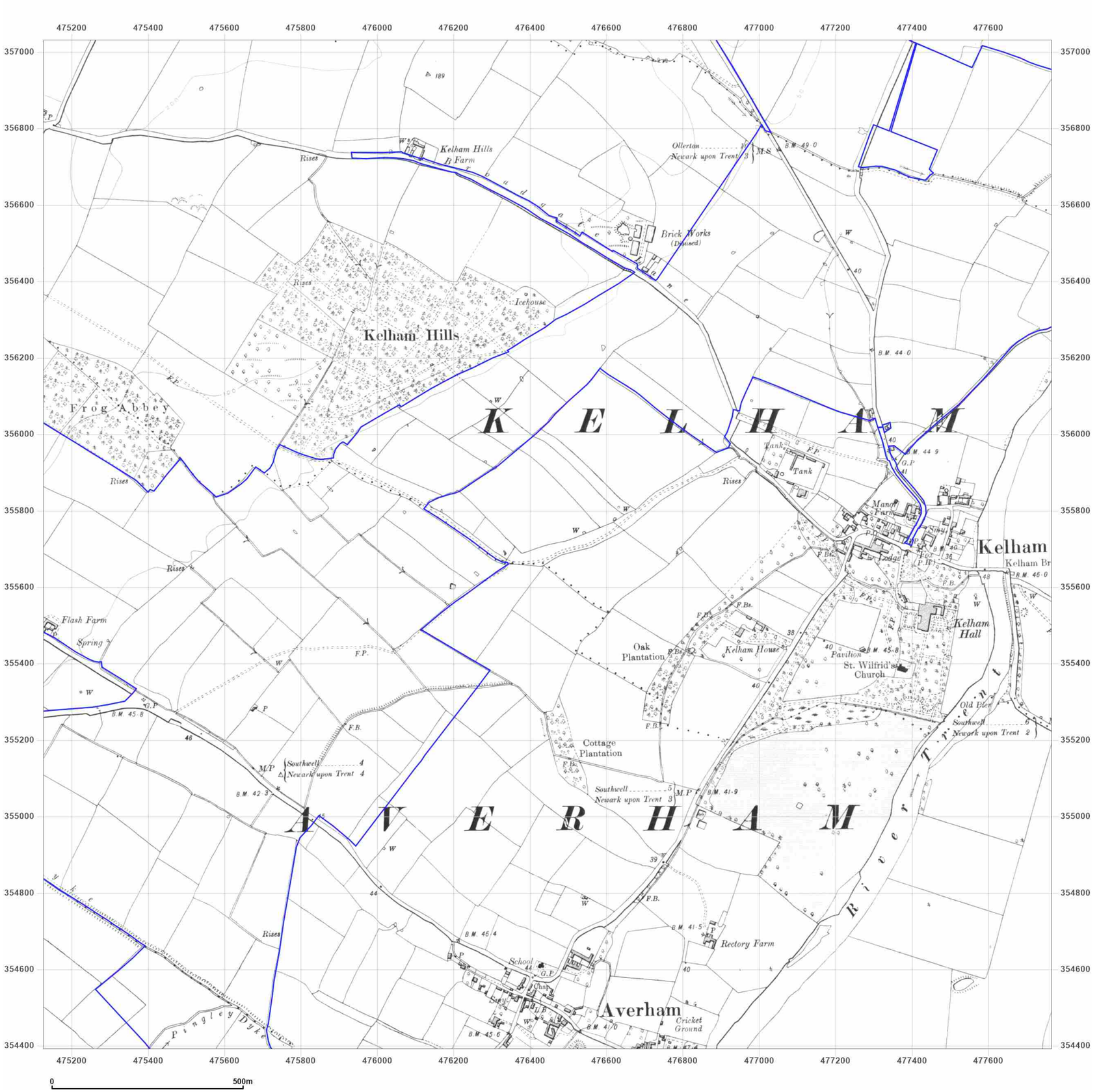
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

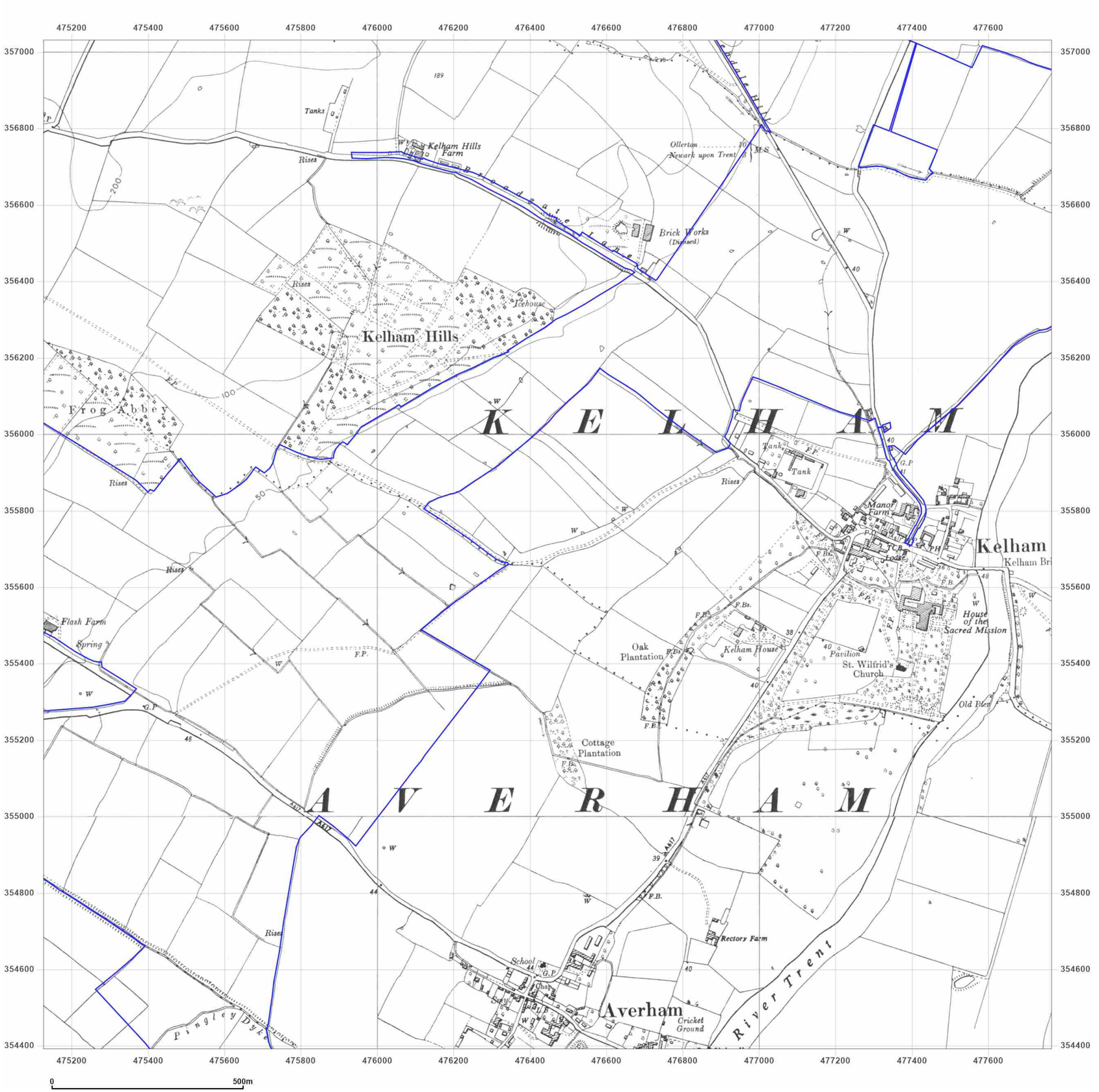
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: Provisional

Map date: **1955-1956**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

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

Surveyed N/A
Revised 1954
Edition N/A
Copyright 1956
Levelled N/A

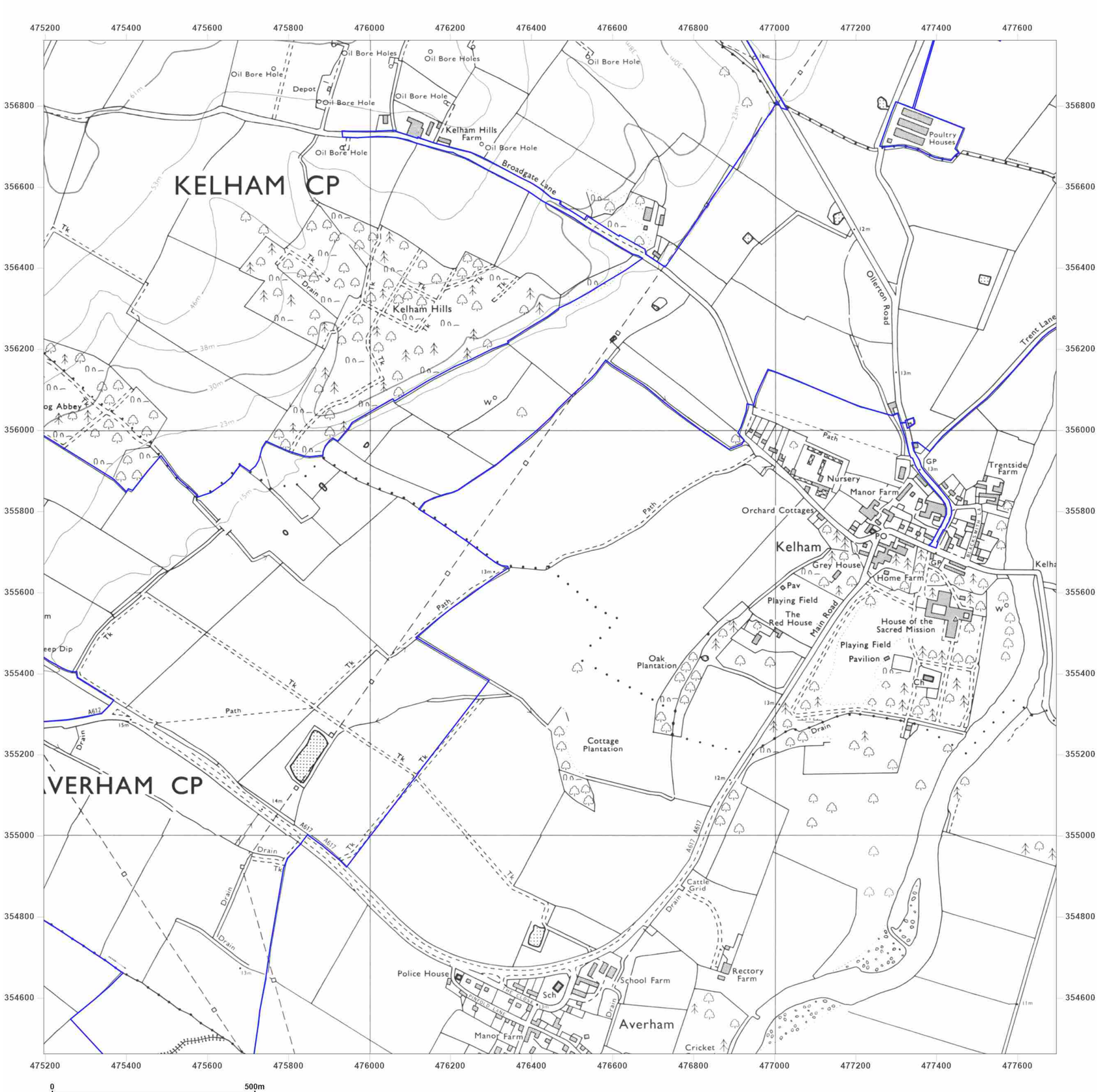
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: National Grid

Map date: **1971-1972**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

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

Surveyed 1970
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

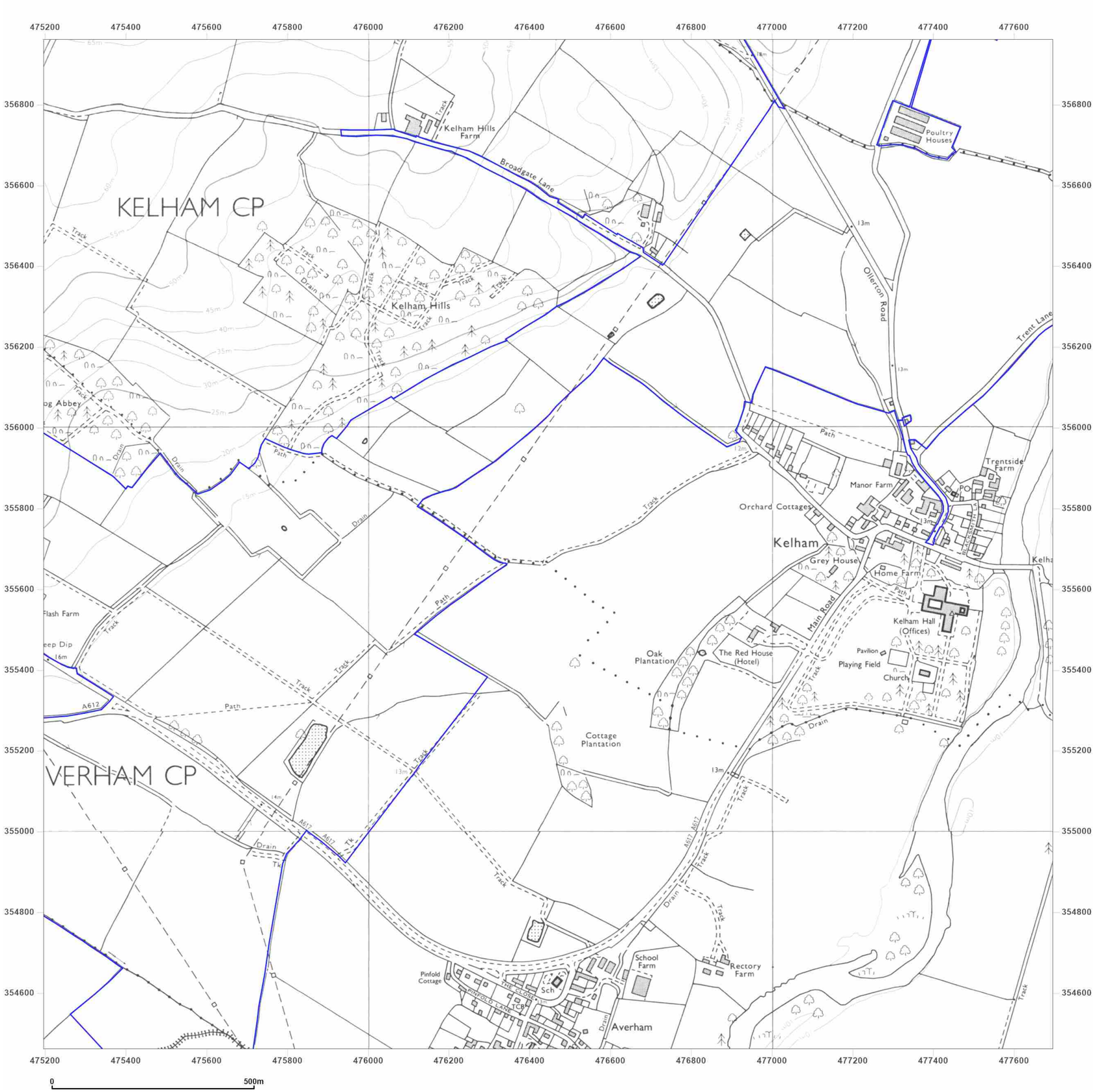
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: National Grid

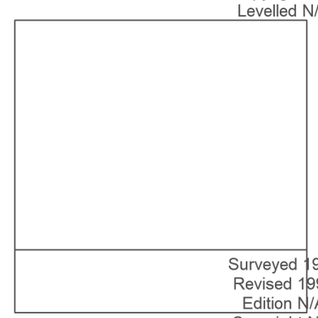
Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

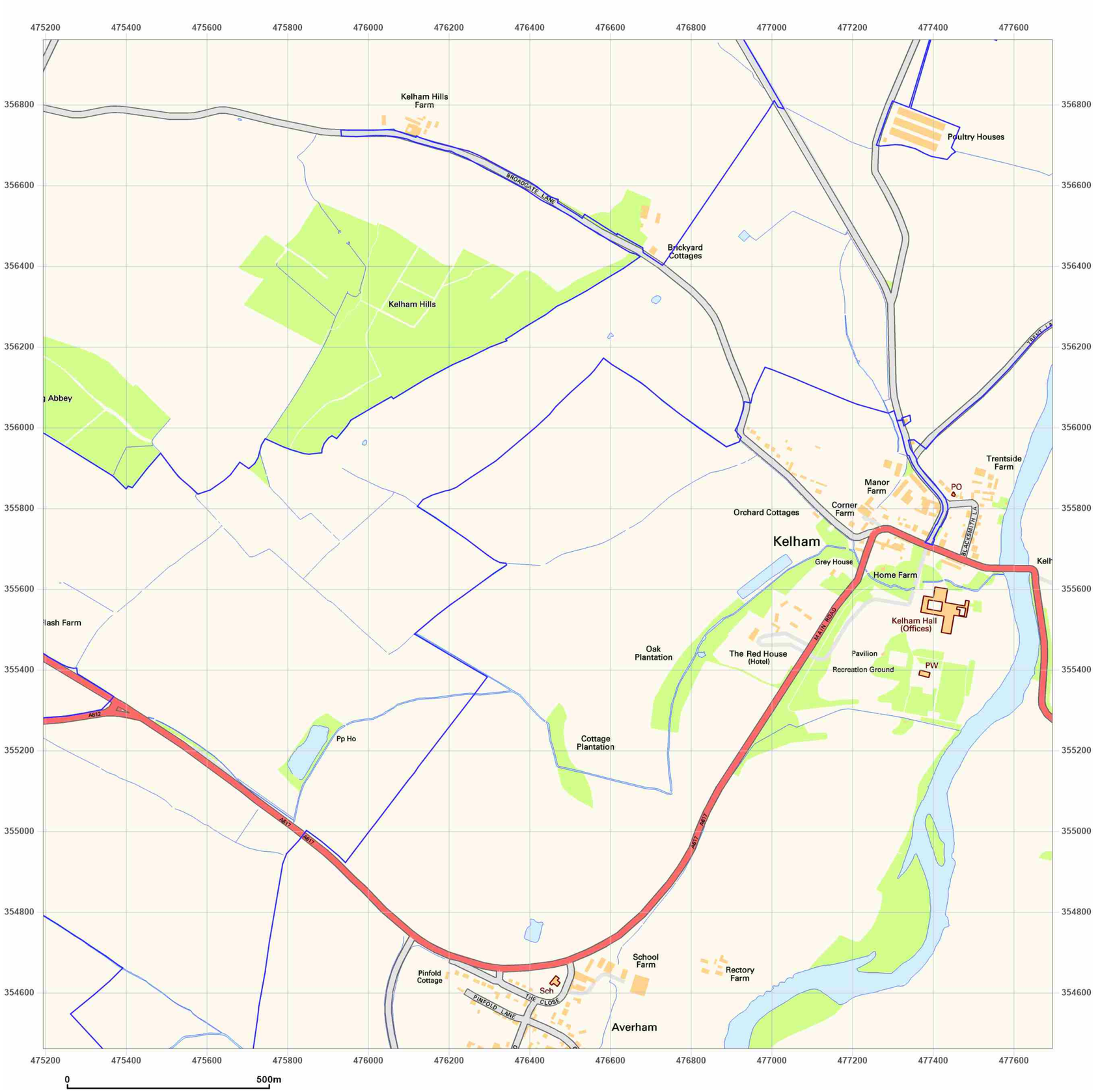
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

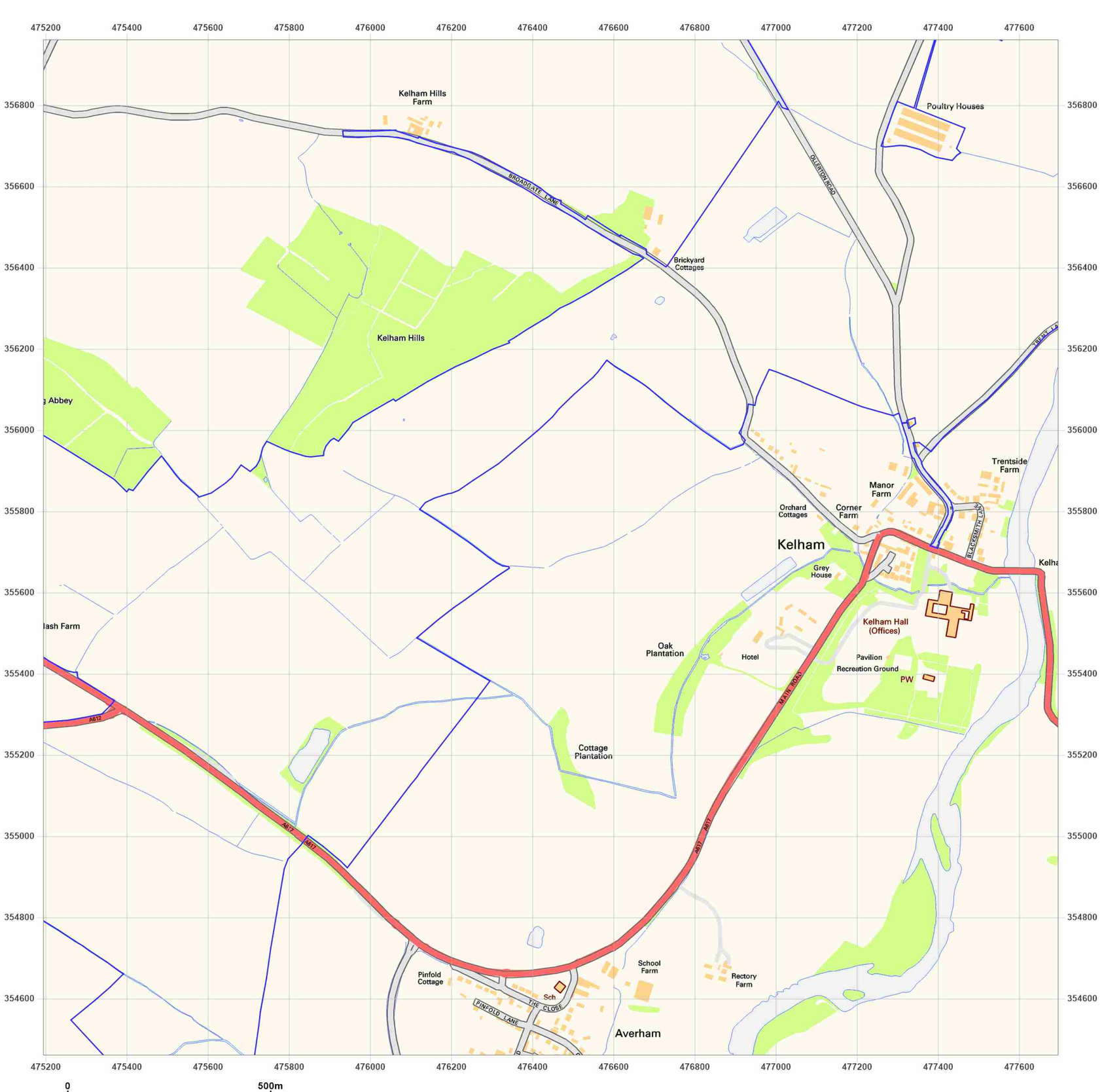
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2010

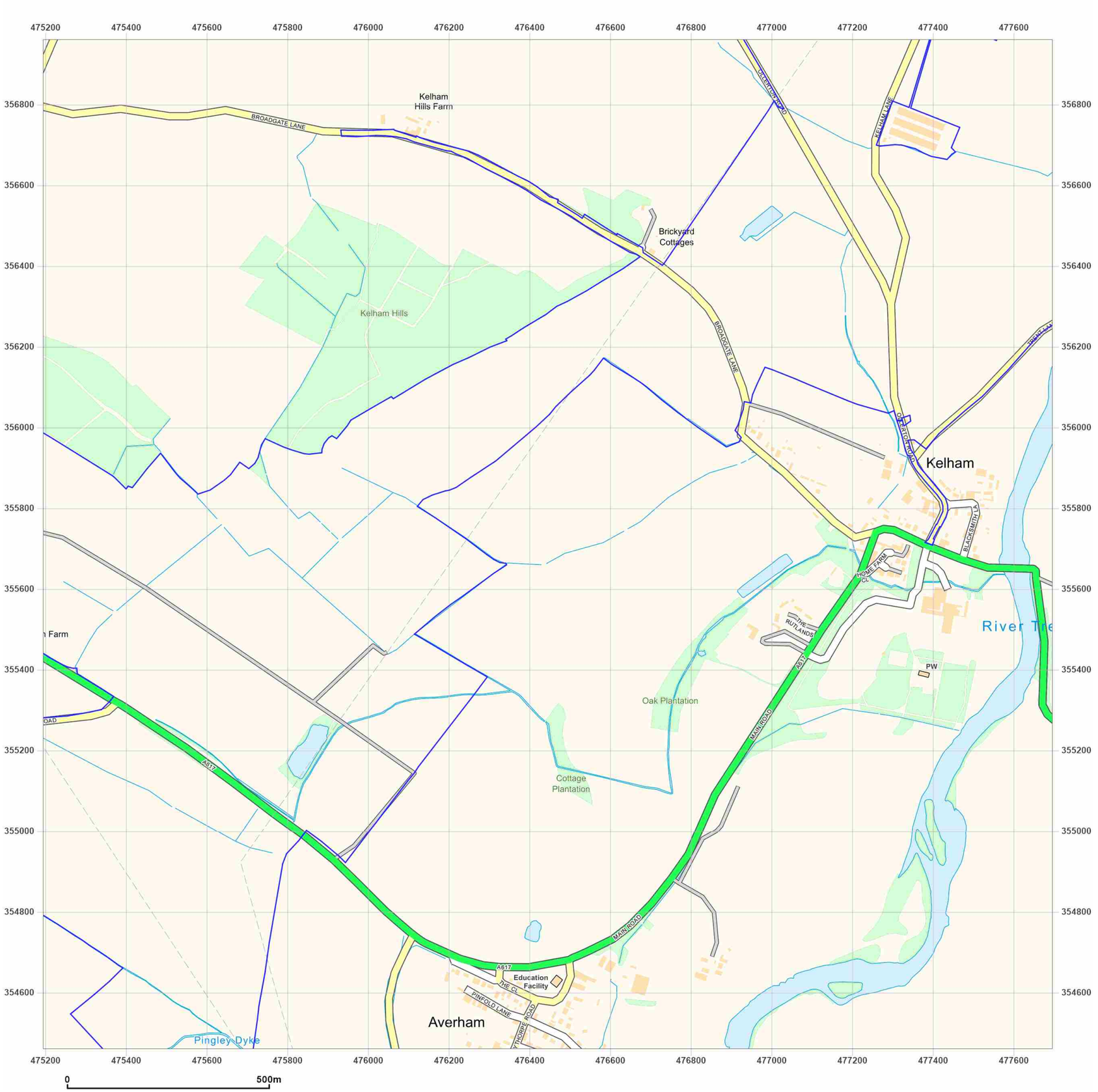
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_2
Grid Ref: 476445, 355711

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
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2024

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

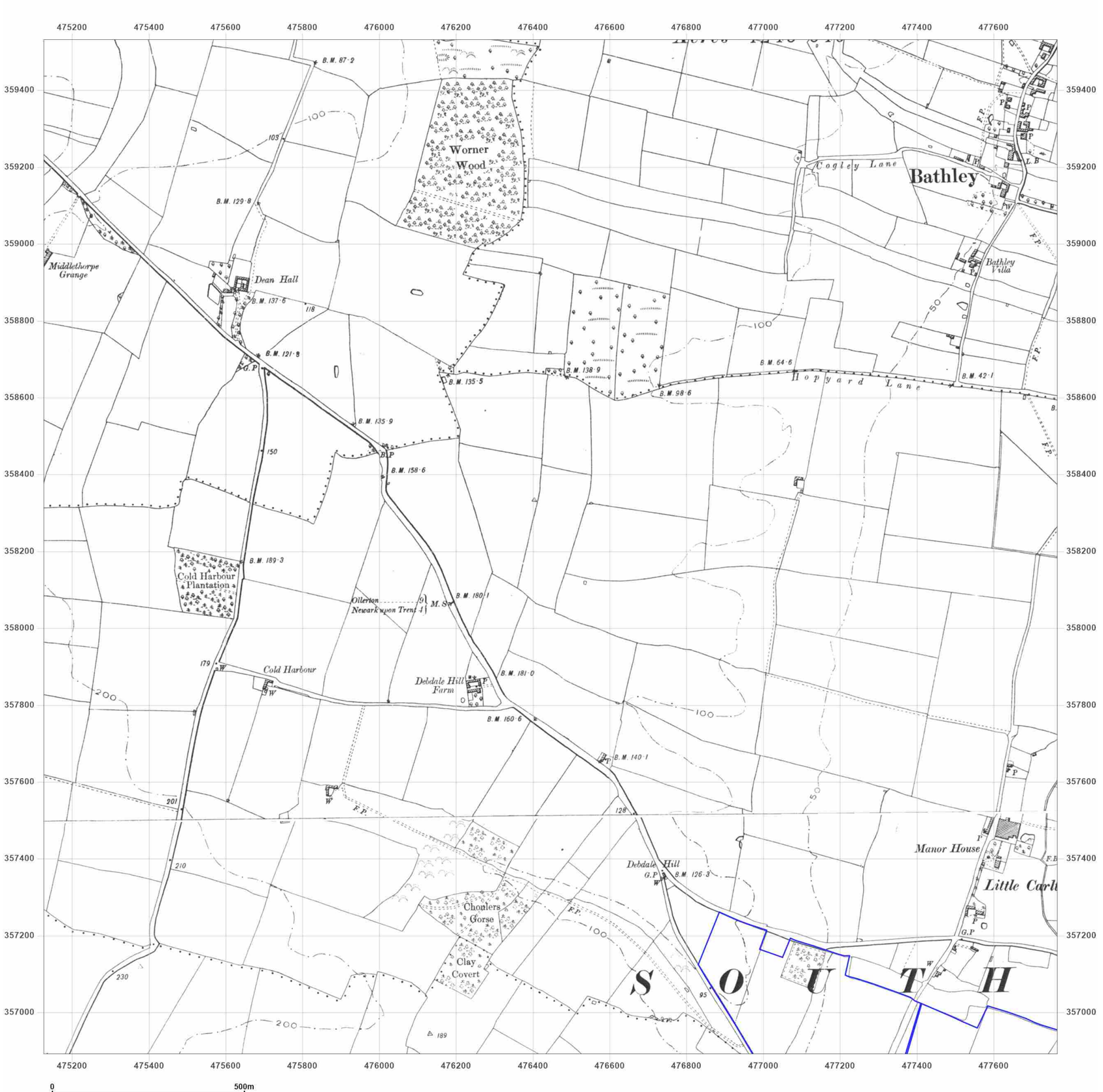
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1884
~~Revised 1899~~
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

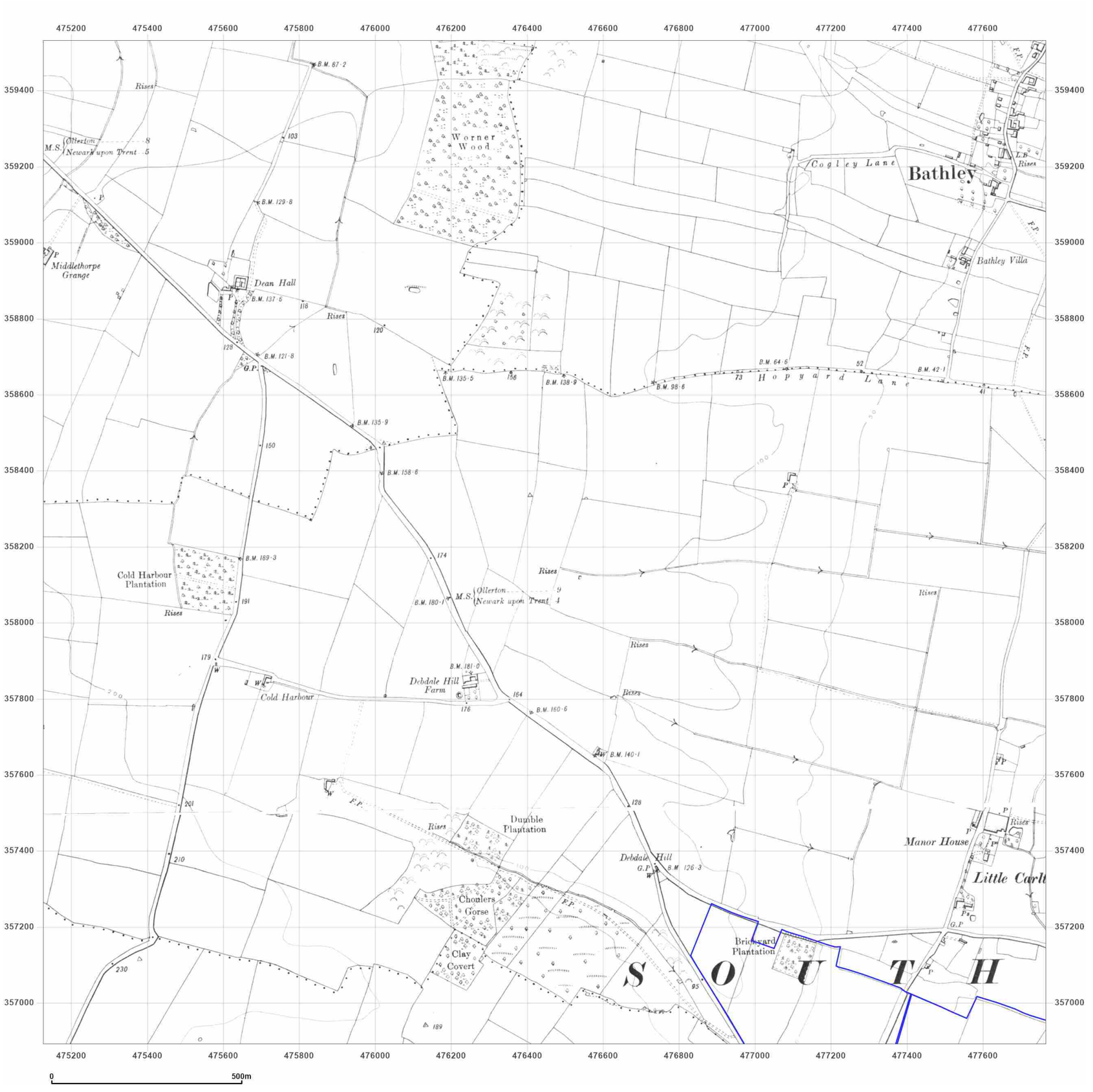
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

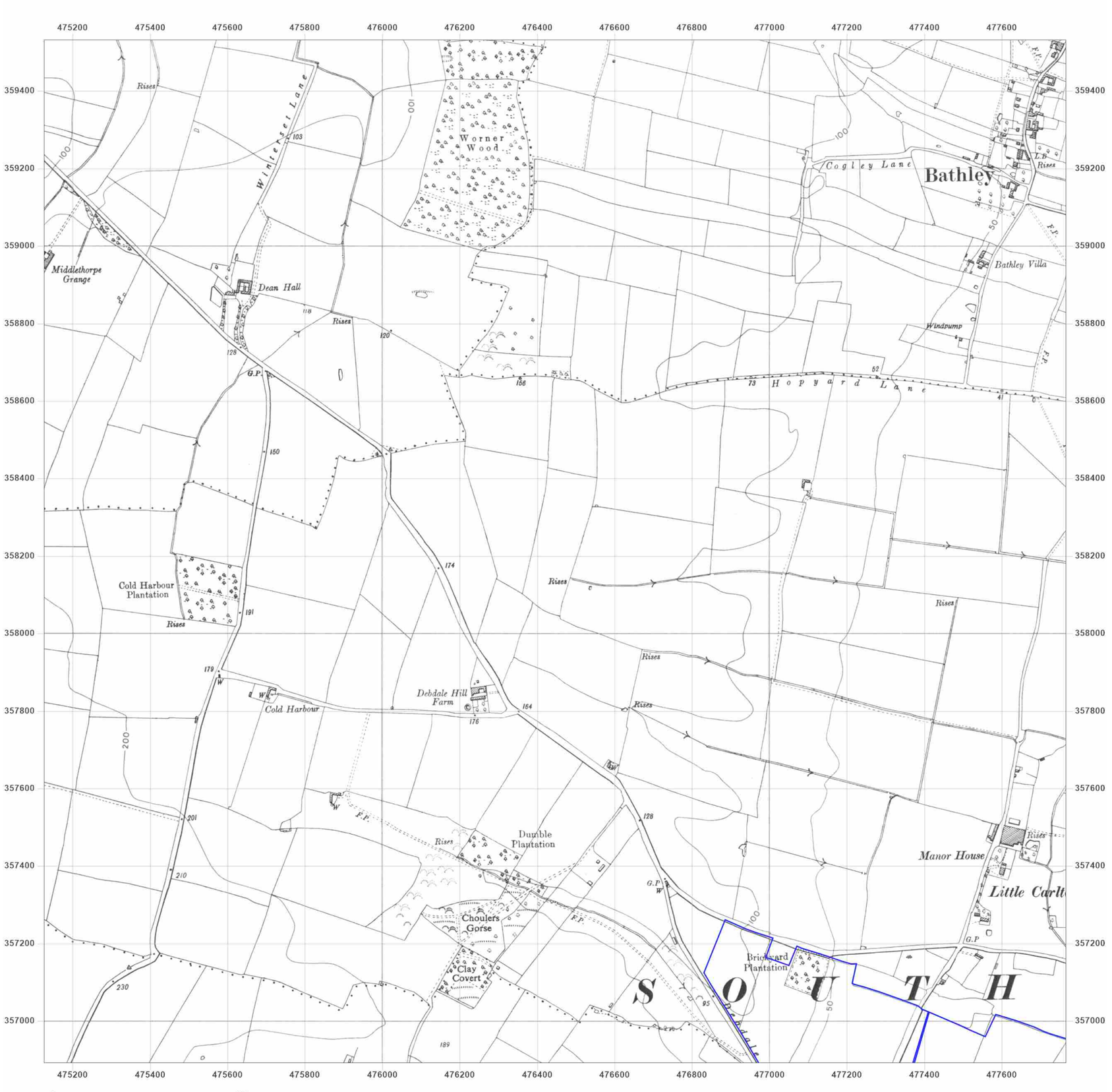
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: Provisional
Map date: **1955**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

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

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: National Grid

Map date: **1971**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

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

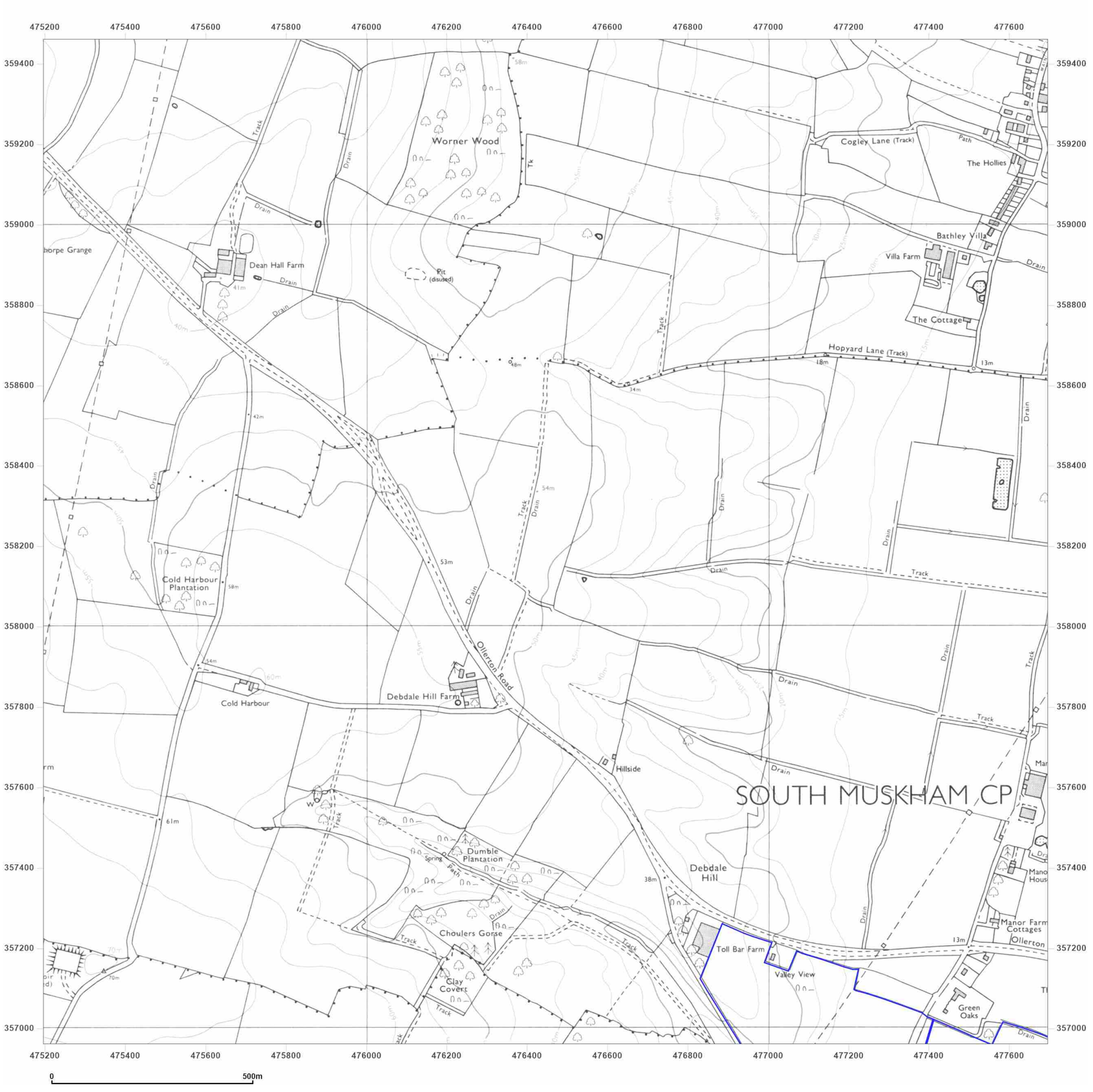
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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Map legend available at: [redacted]



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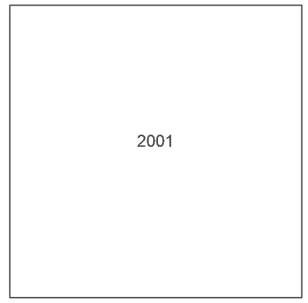
Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

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

N
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: National Grid
Map date: **2010**
Scale: 1:10,000
Printed at: 1:10,000

N
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2010

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_2_3
Grid Ref: 476445, 358211

Map Name: National Grid
Map date: **2024**
Scale: 1:10,000
Printed at: 1:10,000

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2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

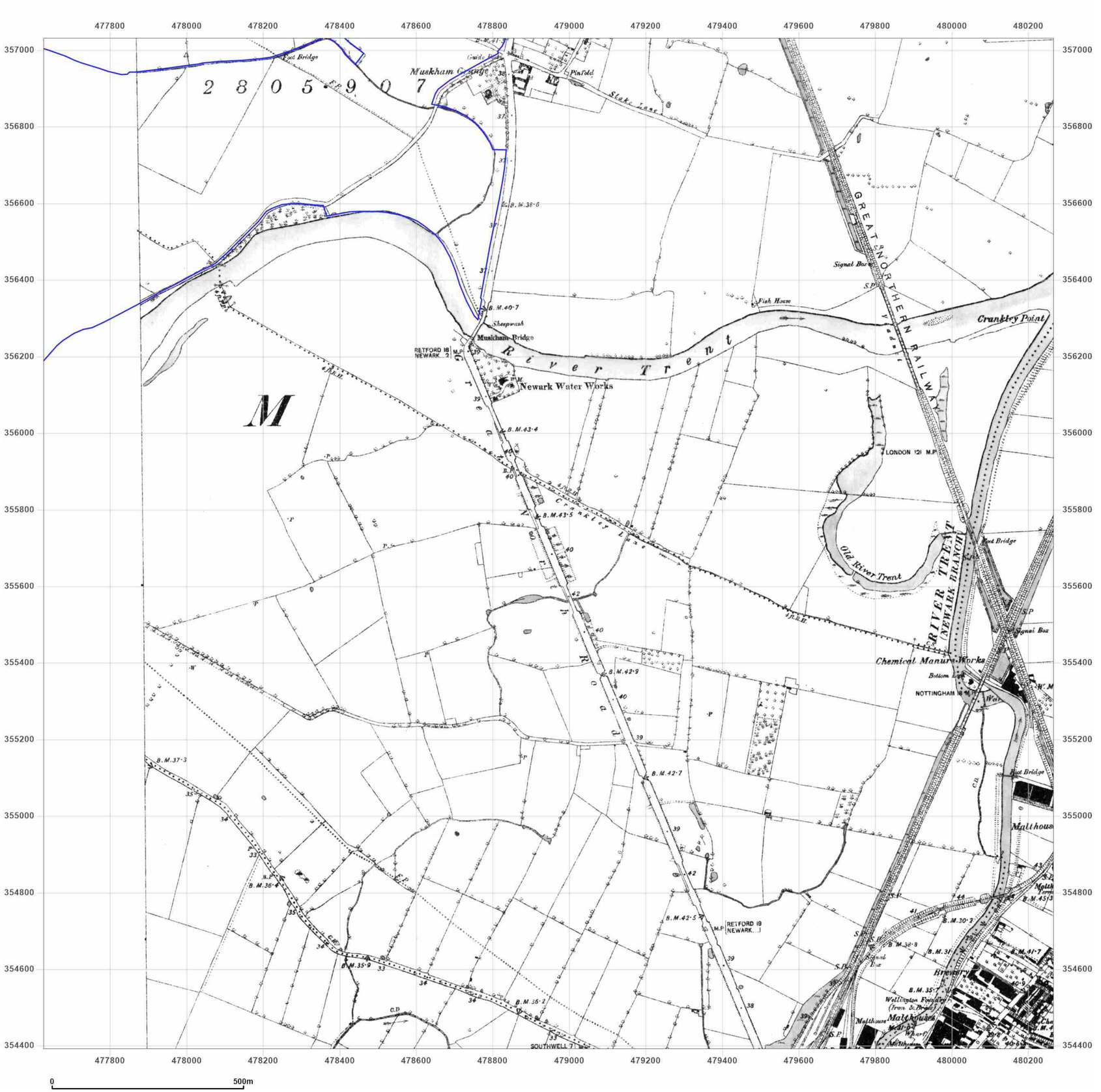
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: County Series

Map date: **1889**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1883
Revised N/A
Edition 1889
Copyright N/A
Levelled N/A

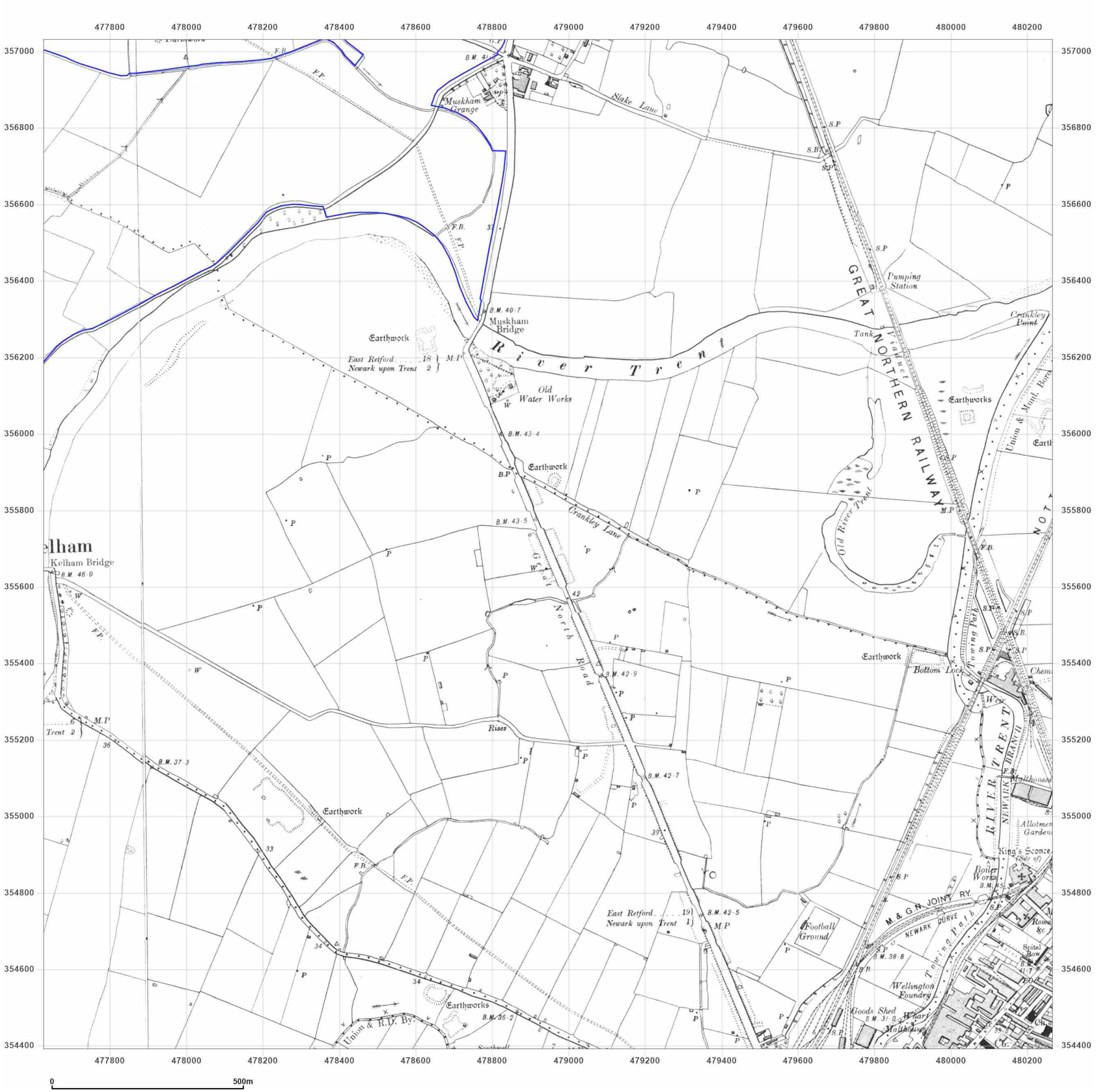
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1883
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1921
Edition 1921
Copyright N/A
Levelled N/A

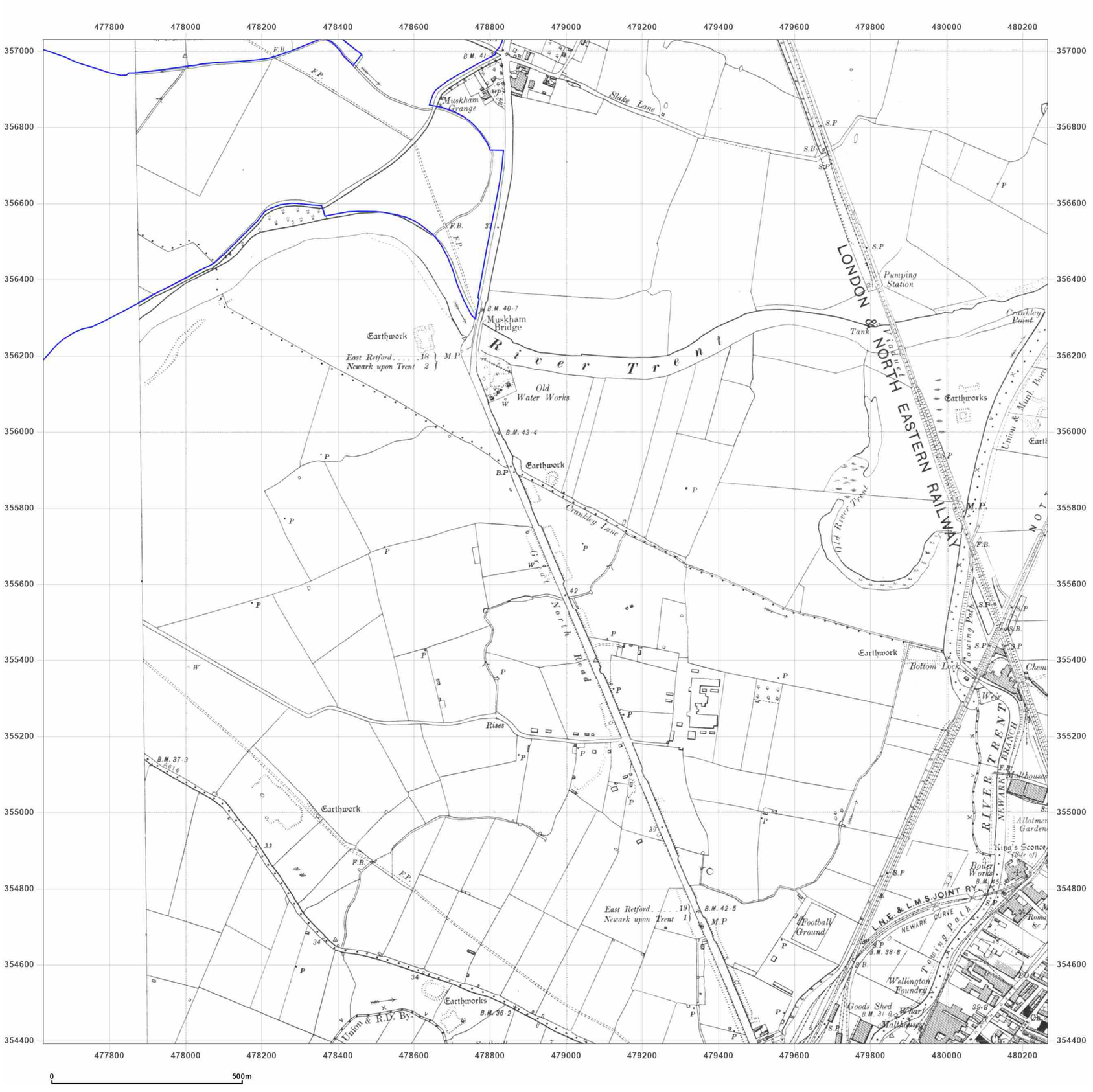
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

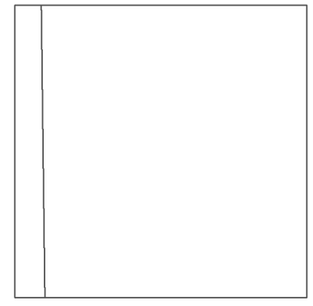
Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1883
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

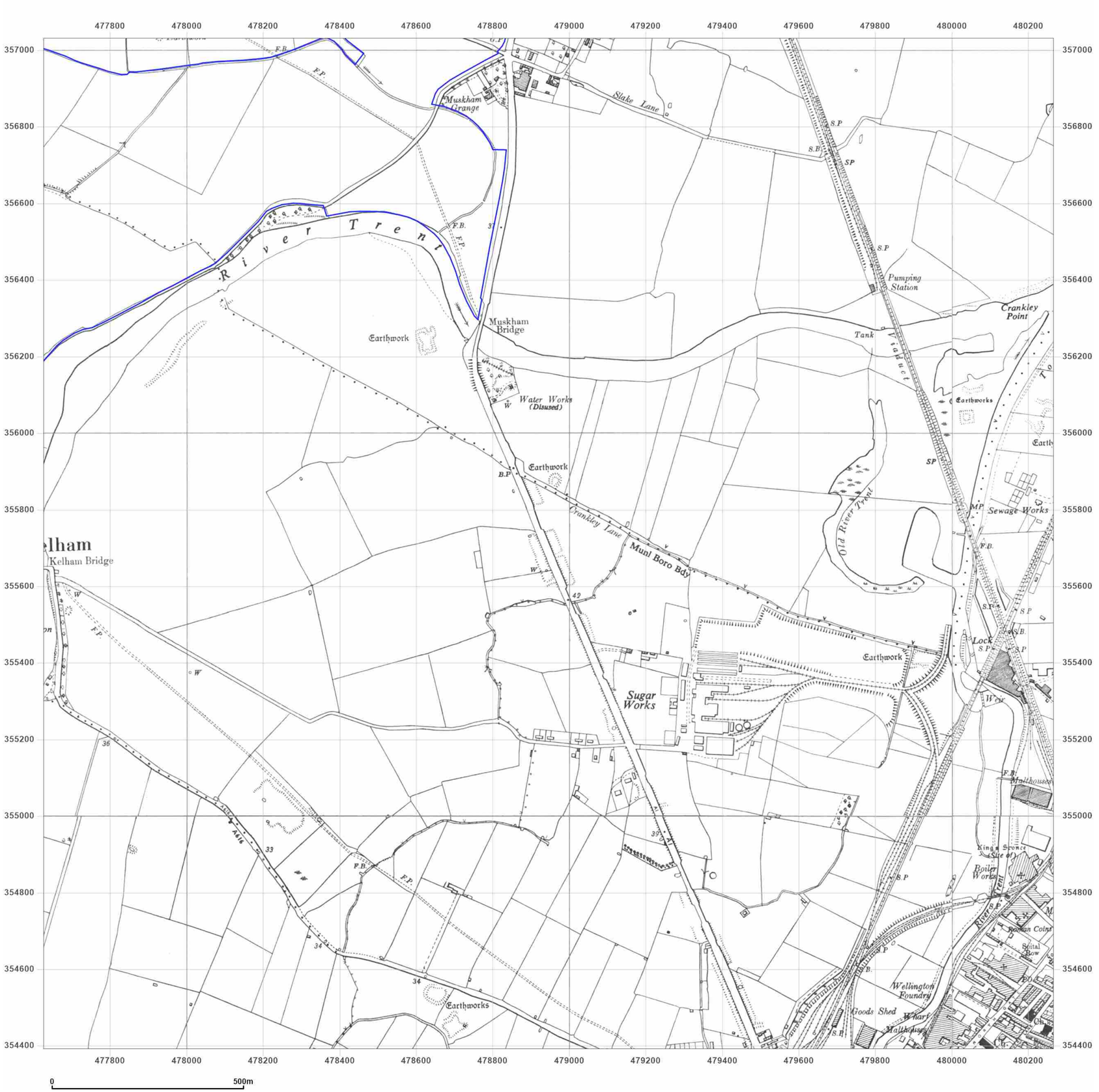
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: Provisional
Map date: **1955-1956**
Scale: 1:10,560
Printed at: 1:10,560

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

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

Surveyed N/A
Revised 1954
Edition N/A
Copyright 1956
Levelled N/A

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

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Production date: 24 October 2024

Map legend available at: [redacted]



Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: National Grid

Map date: **1970-1973**

Scale: 1:10,000

Printed at: 1:10,000

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

Surveyed 1970
Revised 1970
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1970
Revised 1972
Edition N/A
Copyright 1972
Levelled N/A

Surveyed 1972
Revised 1973
Edition N/A
Copyright 1973
Levelled 1965

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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

Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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2001

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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: National Grid
Map date: **2010**
Scale: 1:10,000
Printed at: 1:10,000

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2010

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Production date: 24 October 2024

Map legend available at: [redacted]



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Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_2
Grid Ref: 478945, 355711

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
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2024

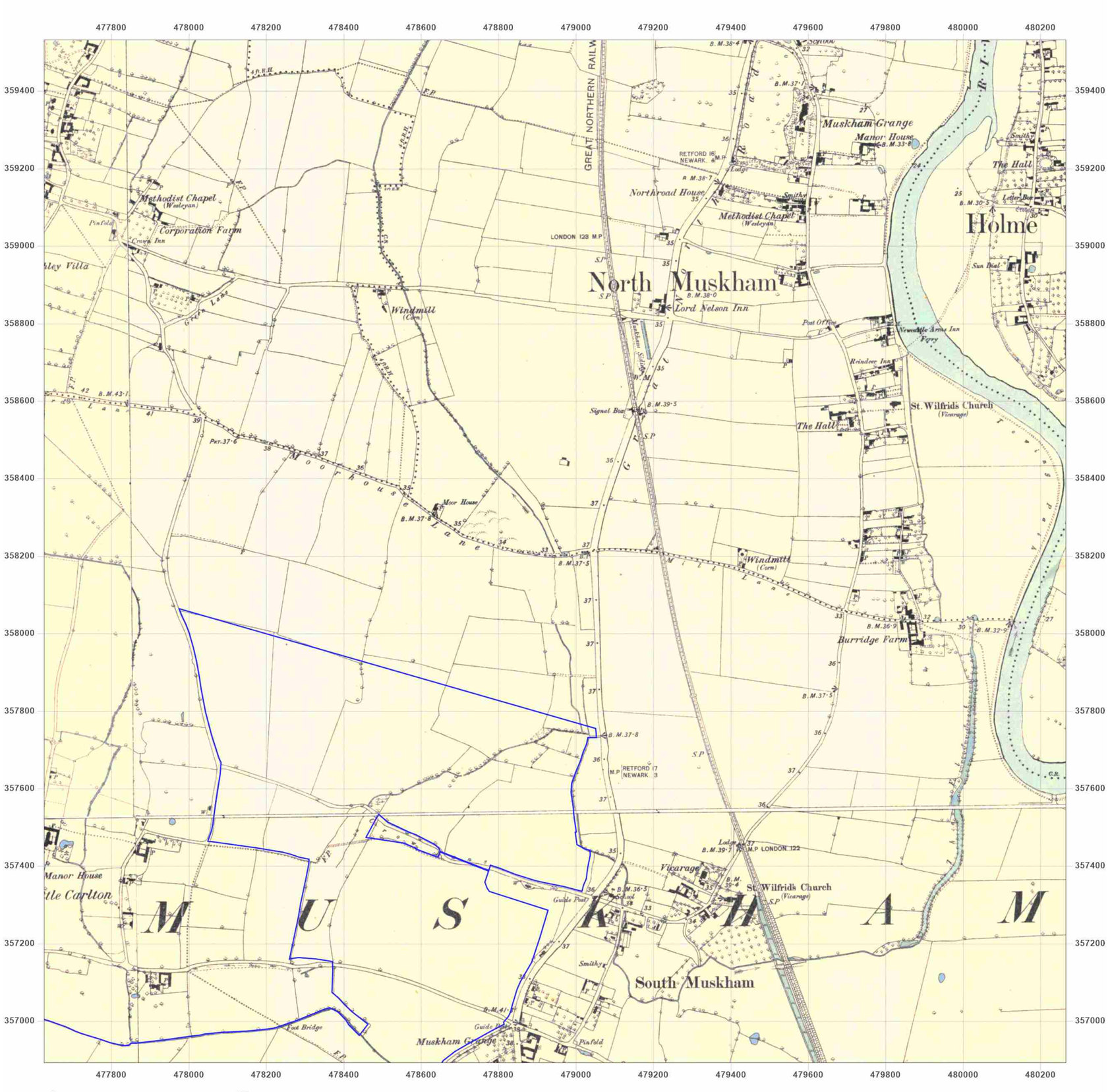
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_3
Grid Ref: 478945, 358211

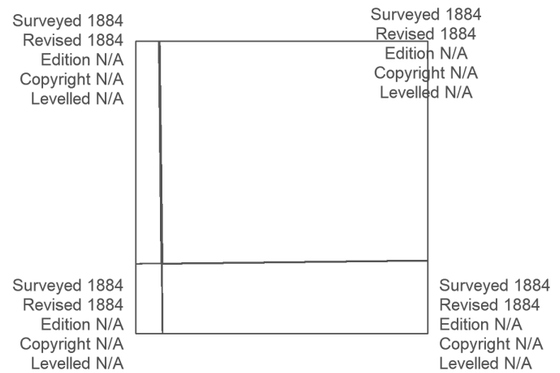
Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
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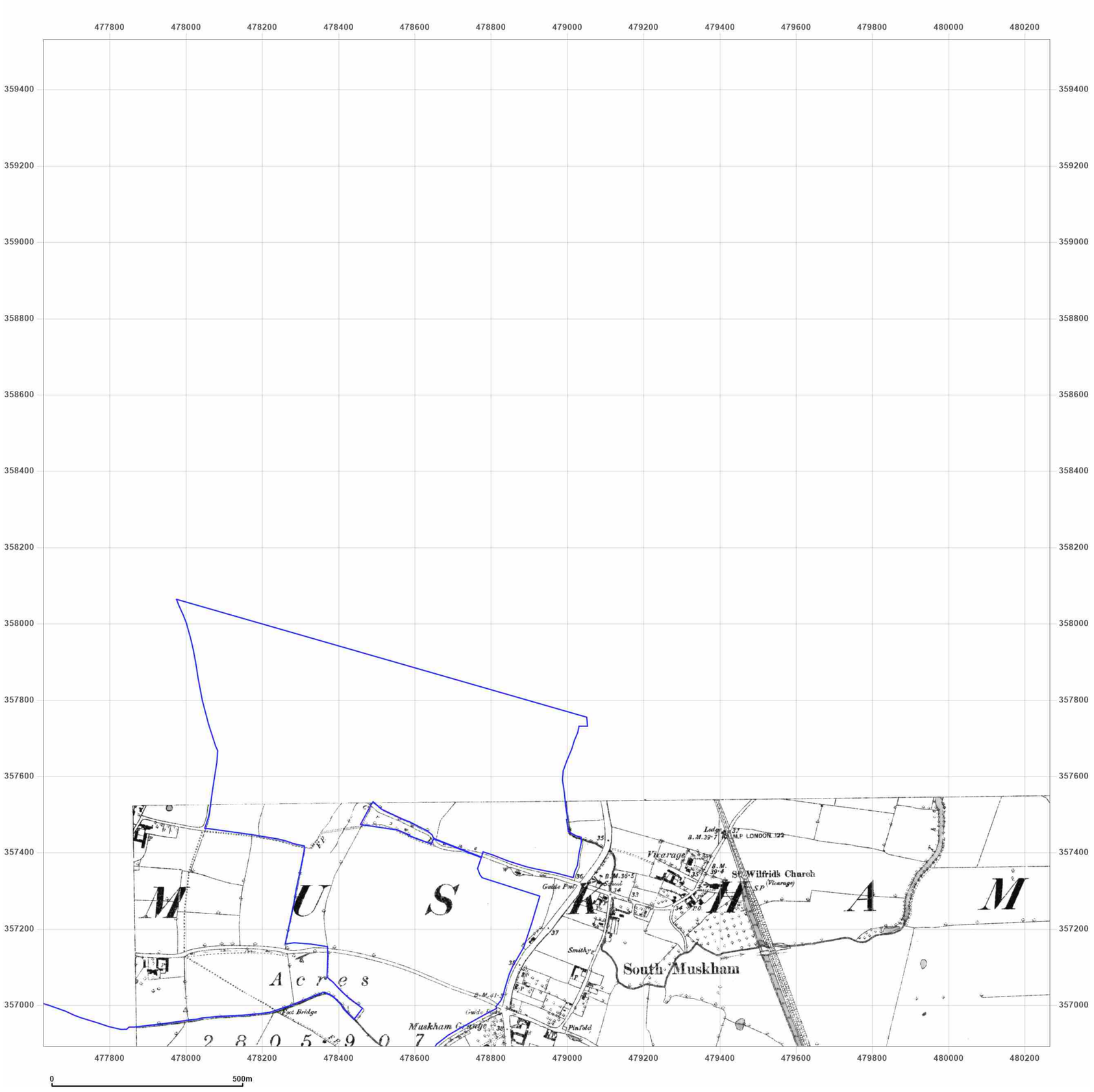
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_3
Grid Ref: 478945, 358211

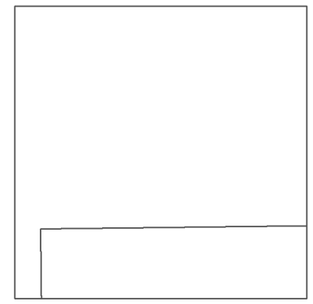
Map Name: County Series

Map date: **1889**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1883
Revised N/A
Edition 1889
Copyright N/A
Levelled N/A

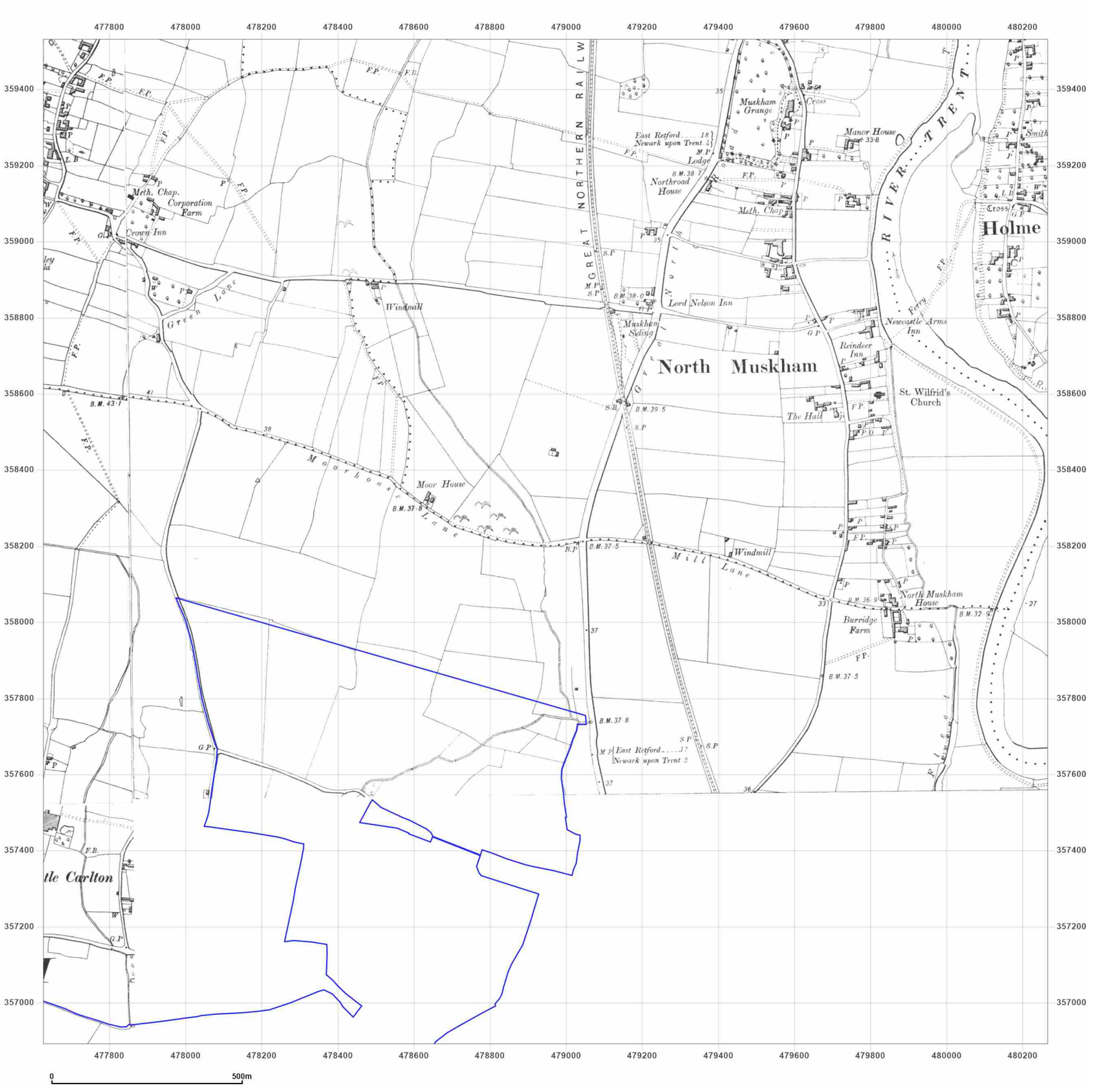
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_3
Grid Ref: 478945, 358211

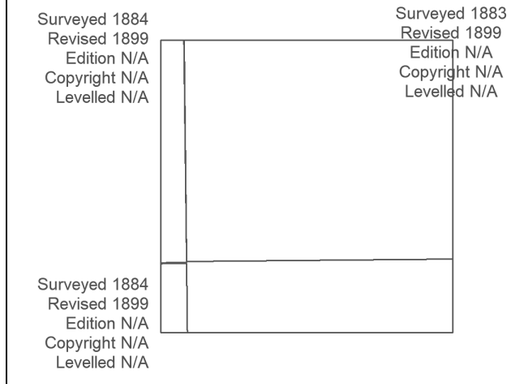
Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

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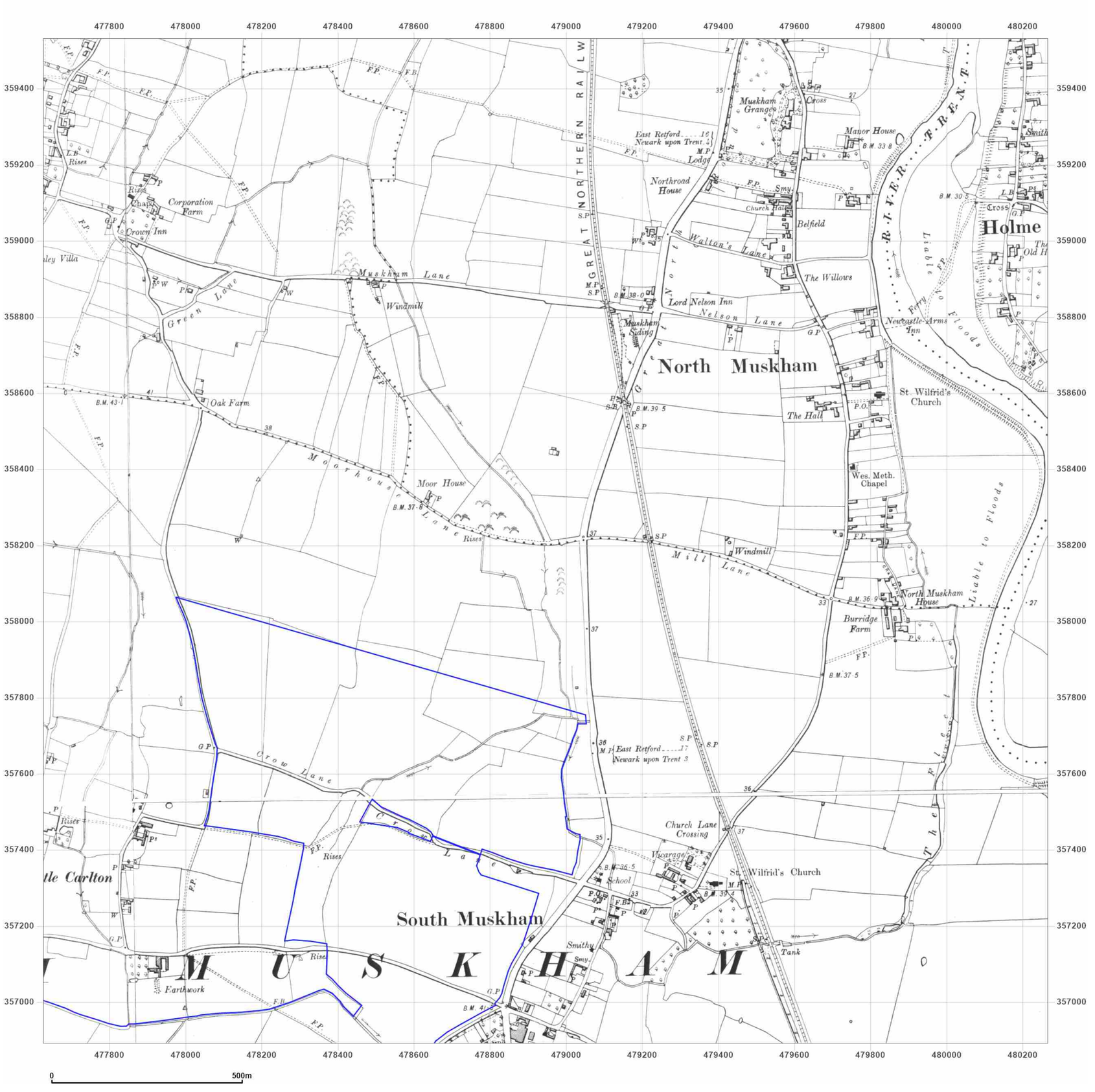
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_3
Grid Ref: 478945, 358211

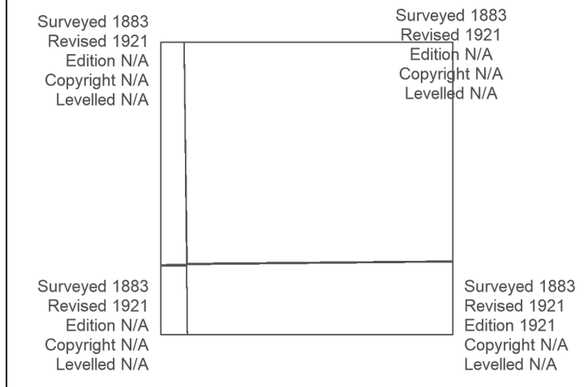
Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
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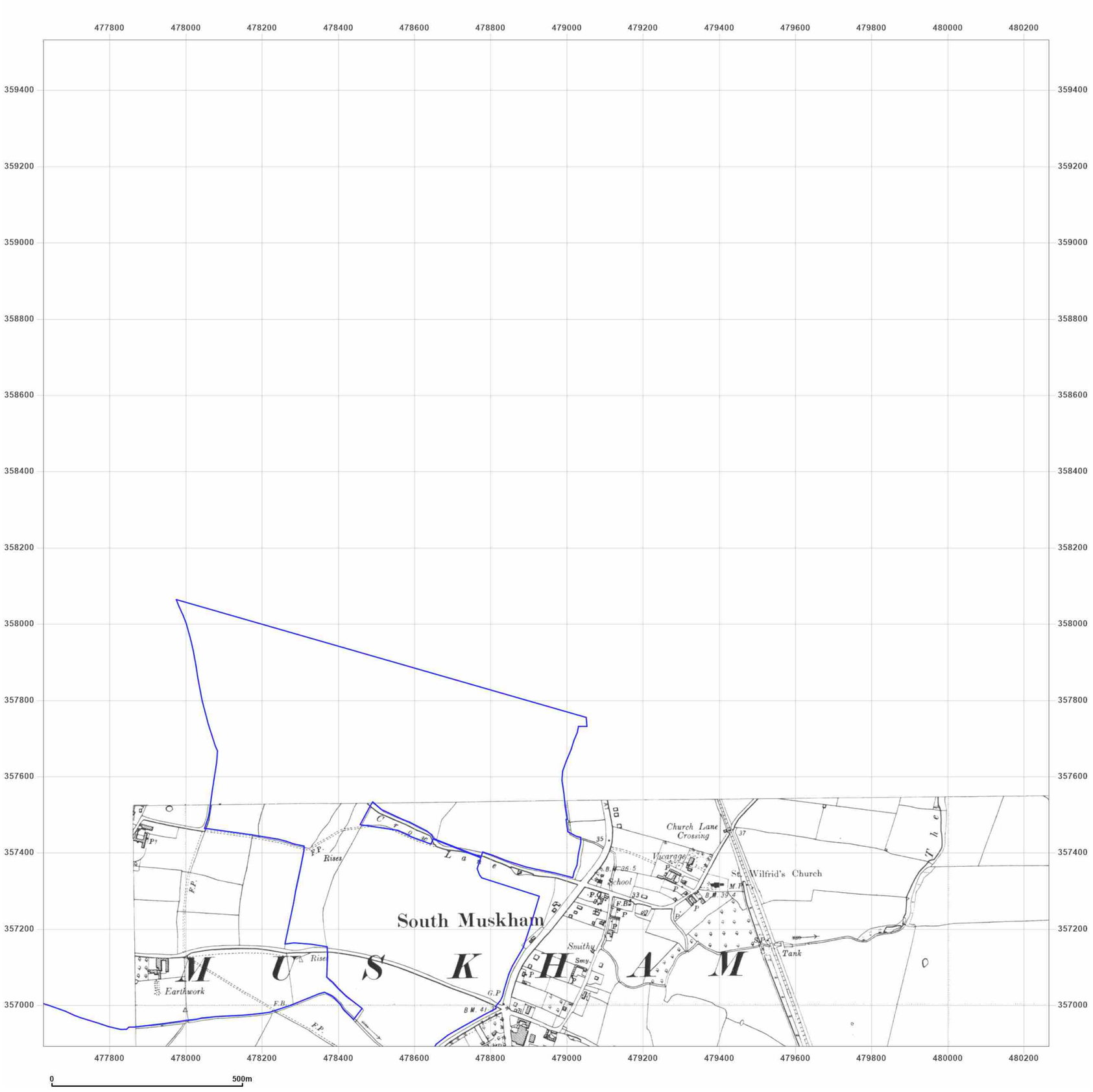
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Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_SS_3_3
Grid Ref: 478945, 358211

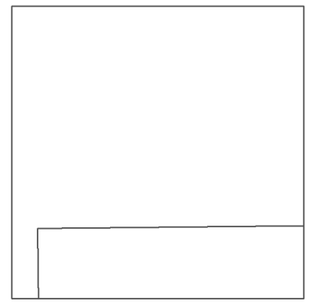
Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S



Surveyed 1883
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

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