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 9 of 11

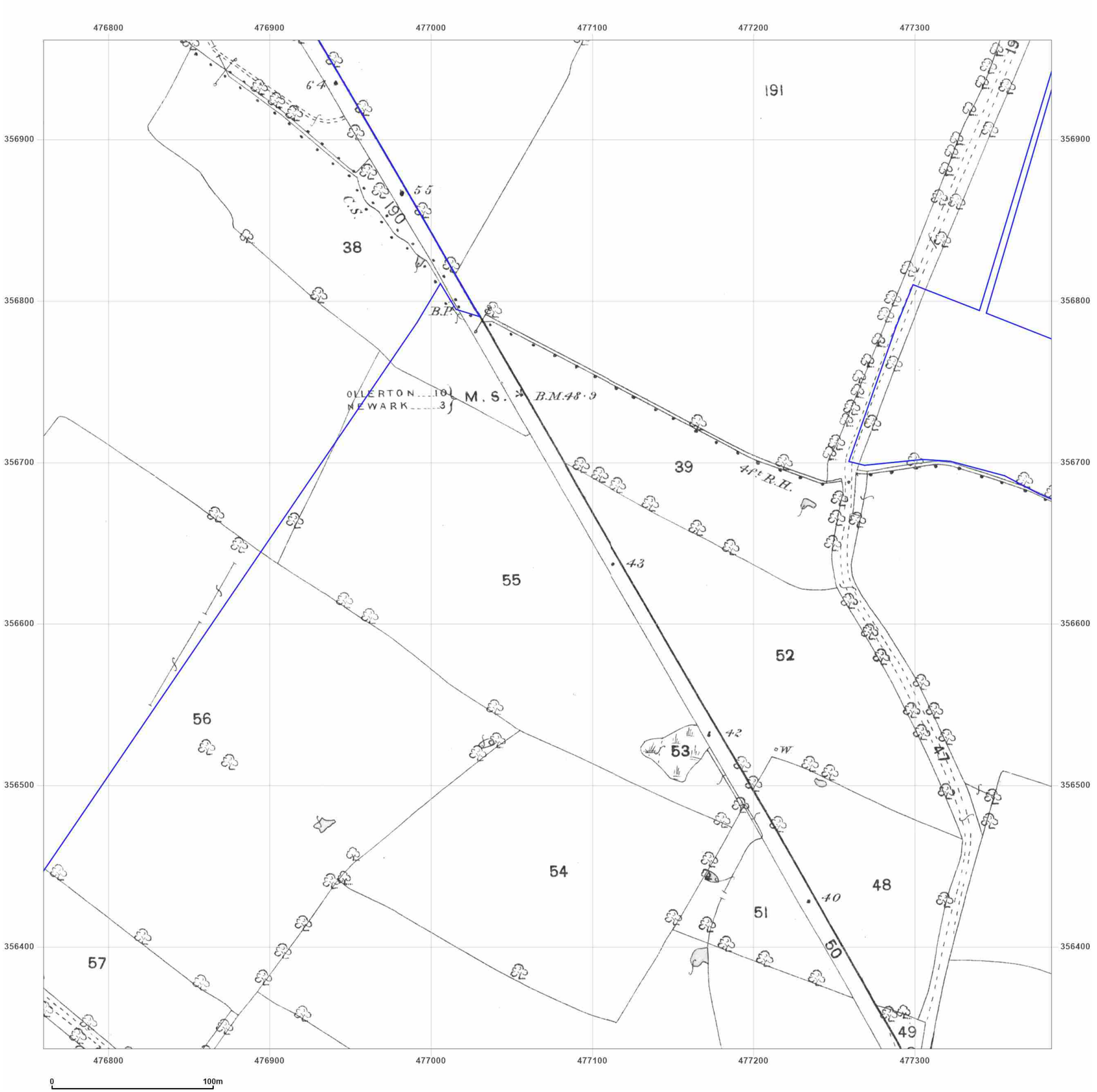
Document reference – EN010162/APP/6.4.10.11.9

Revision number 1

June 2025

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

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



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_6
Grid Ref: 477072, 356649

Map Name: County Series

Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

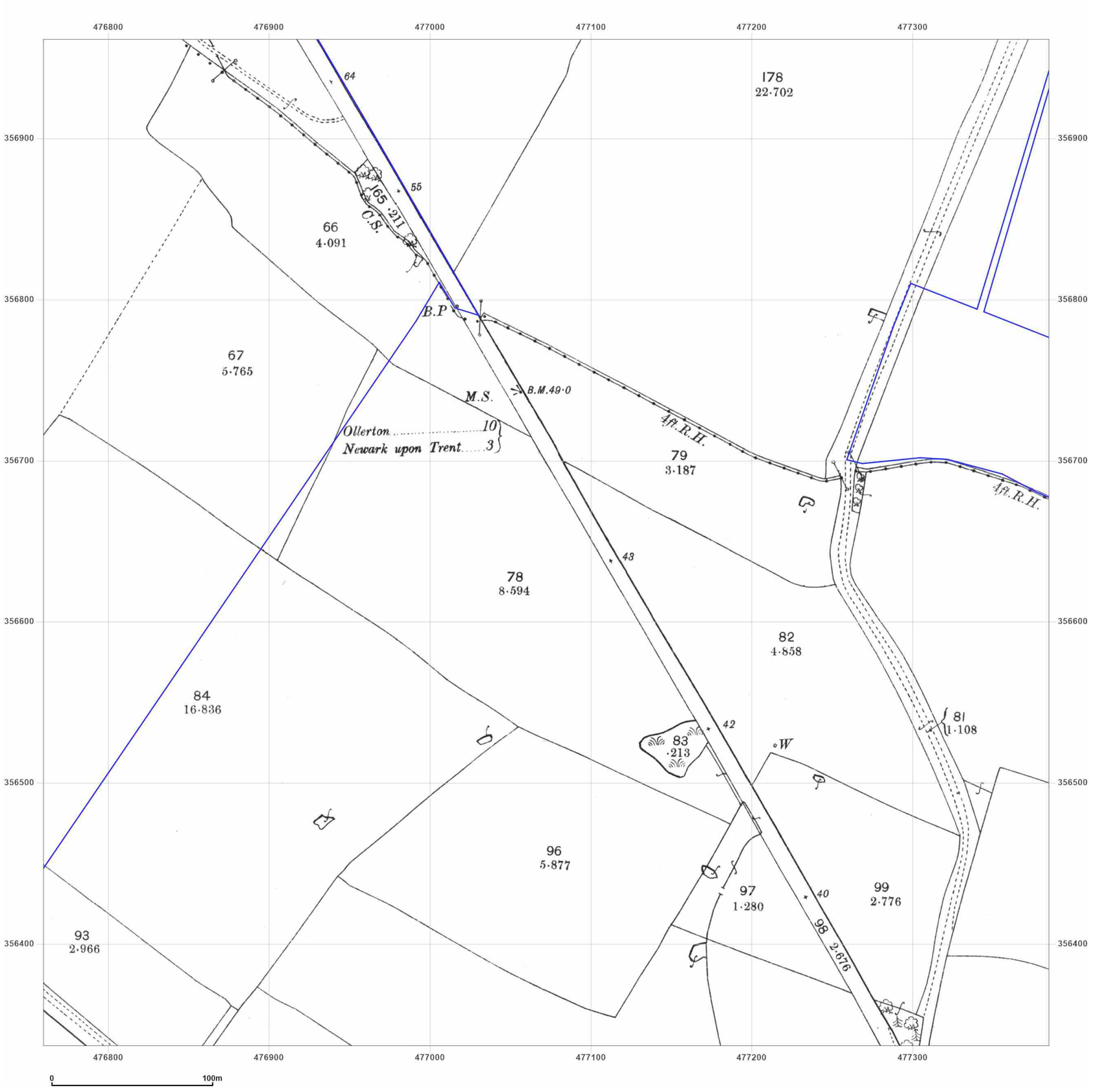
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_6
Grid Ref: 477072, 356649

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

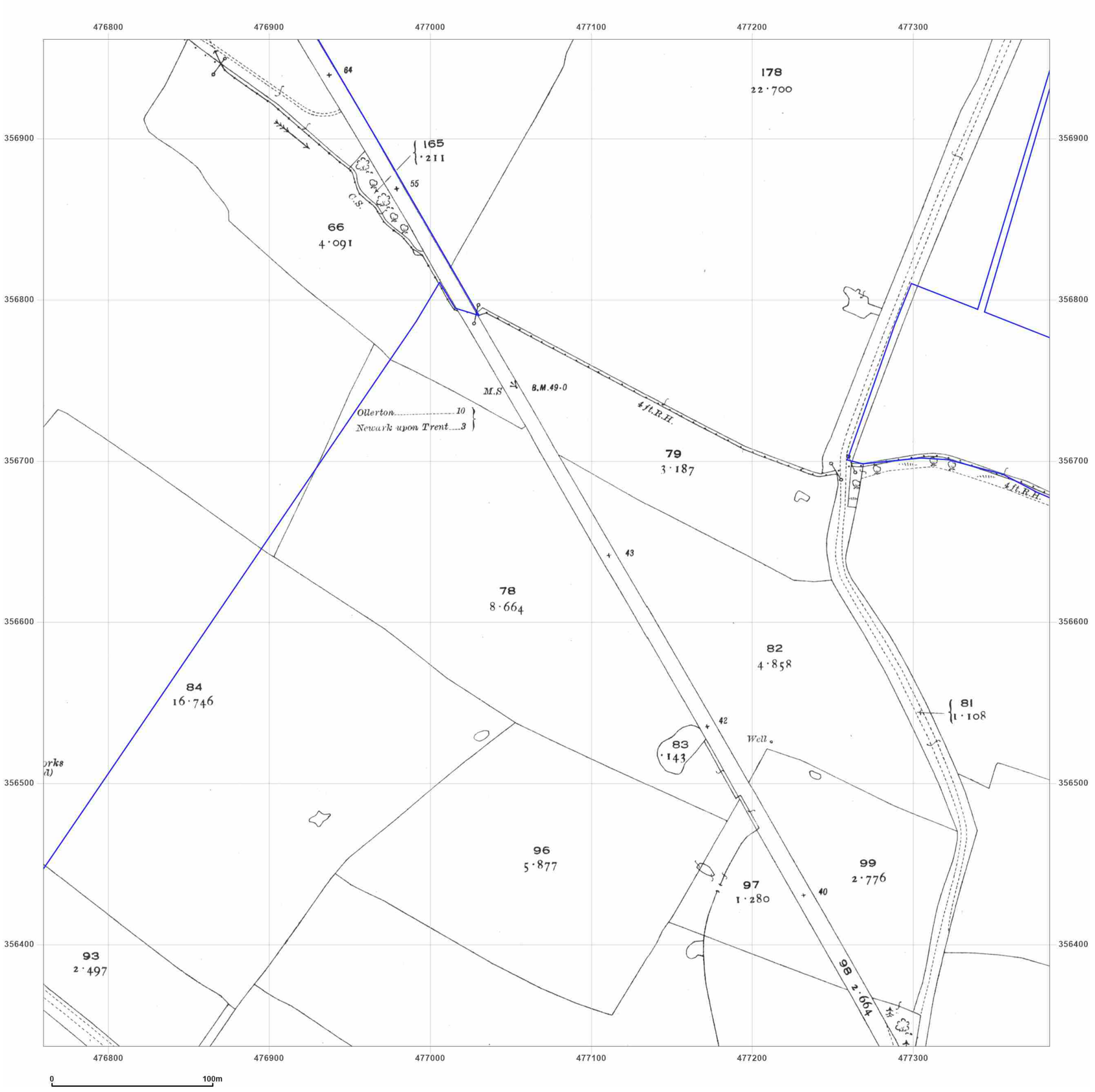
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_6
Grid Ref: 477072, 356649

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

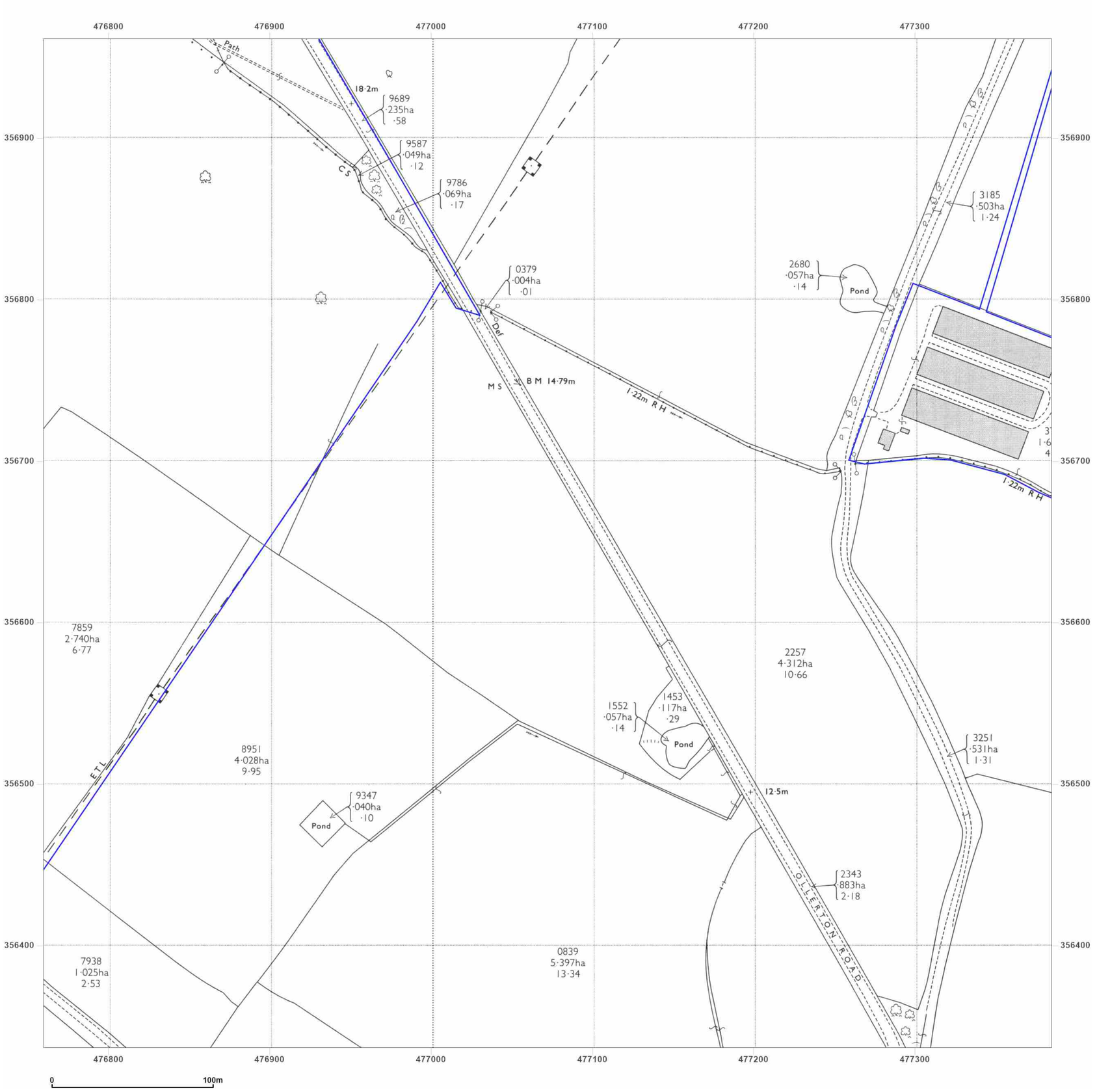
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_6
Grid Ref: 477072, 356649

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1956

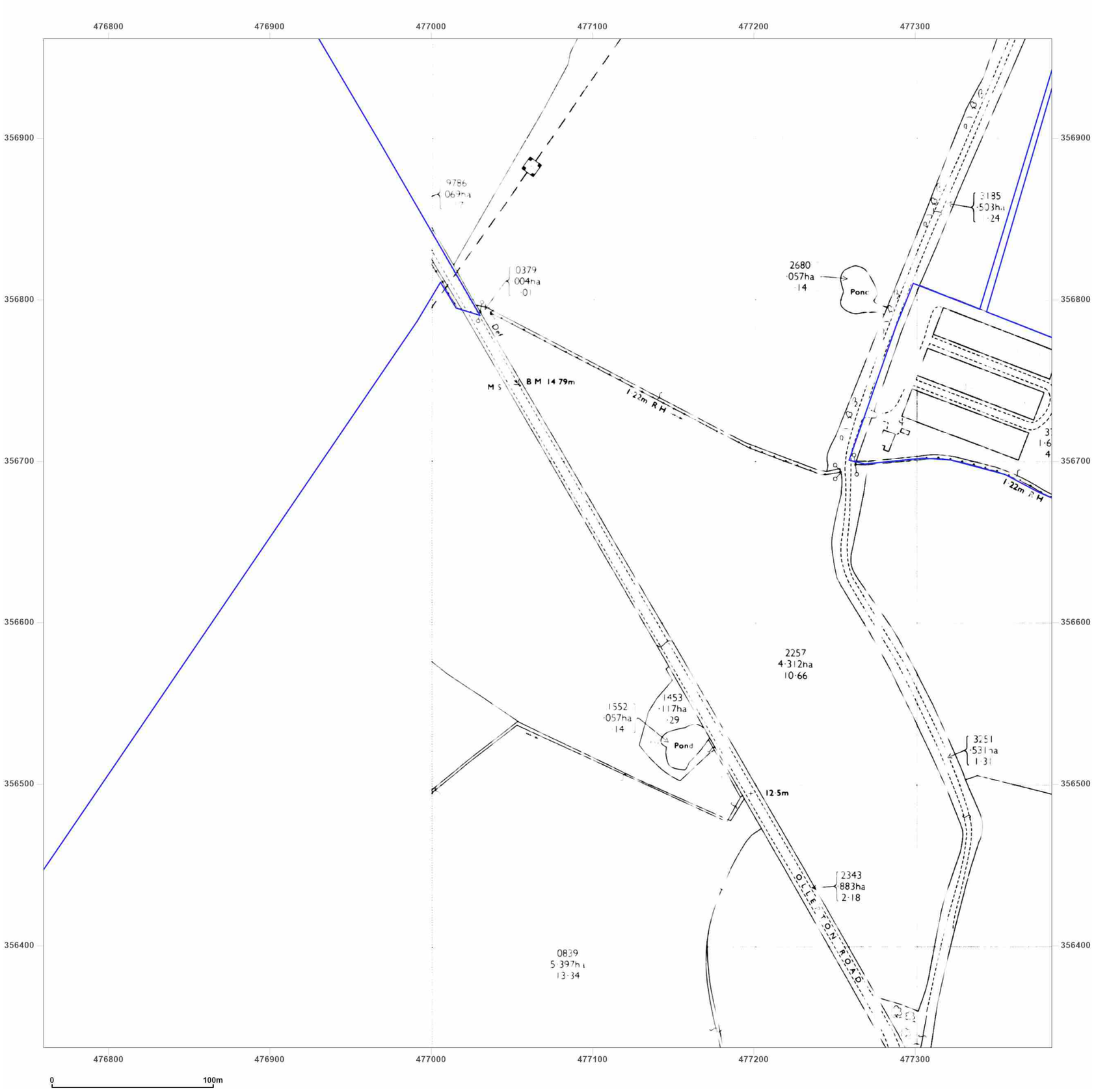
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_6
Grid Ref: 477072, 356649

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

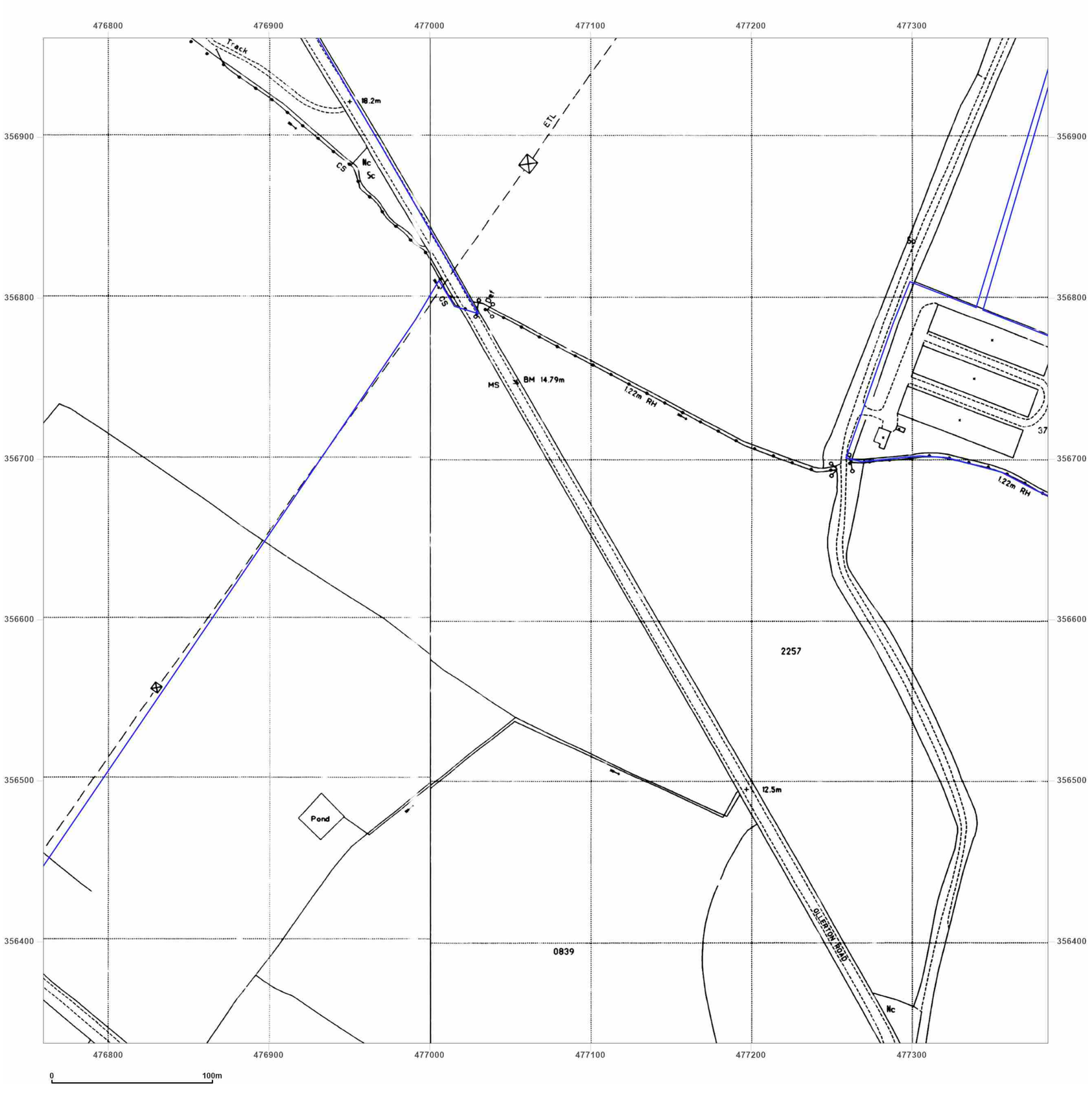
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_6
Grid Ref: 477072, 356649

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

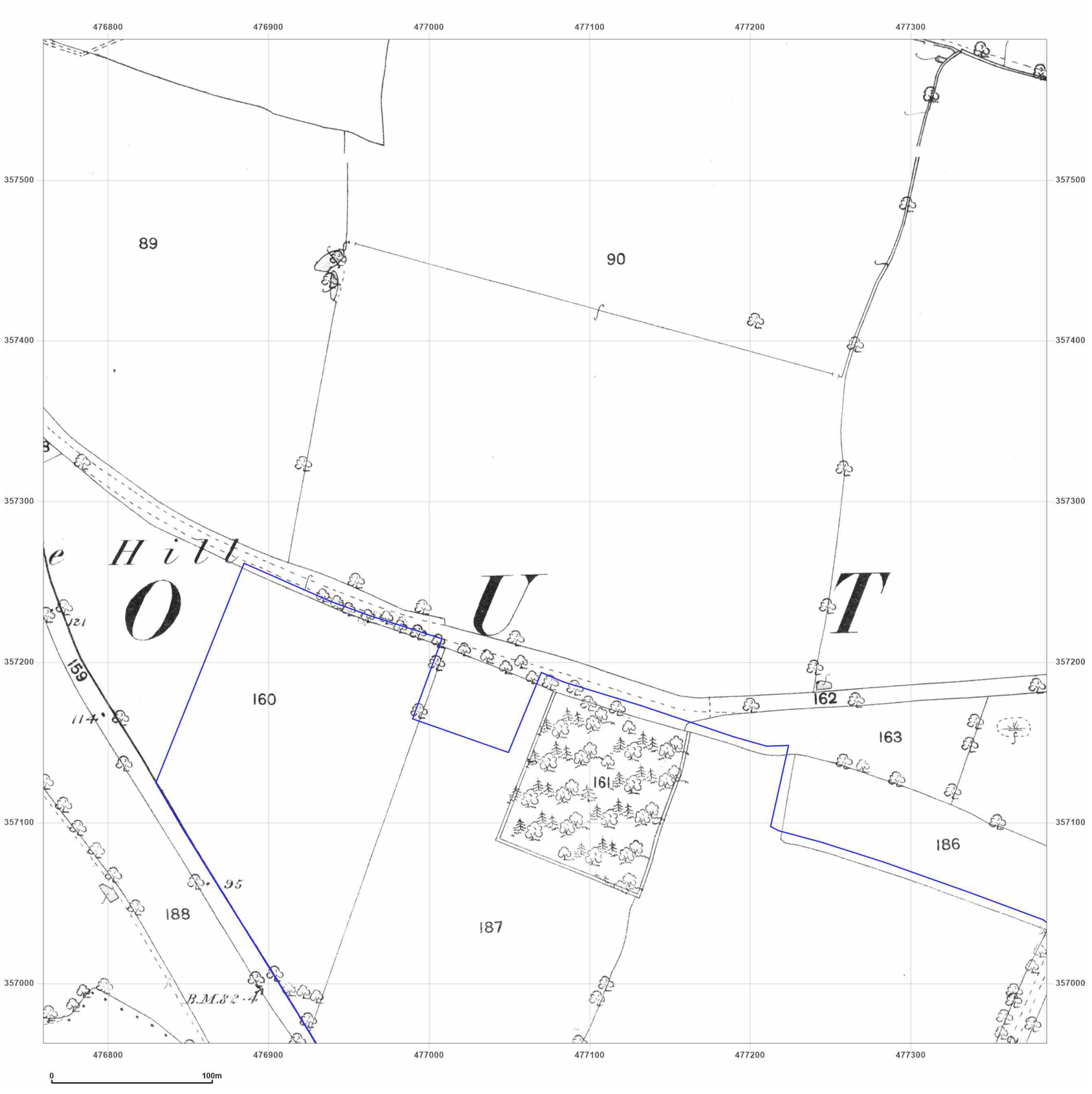
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_7
Grid Ref: 477072, 357275

Map Name: County Series

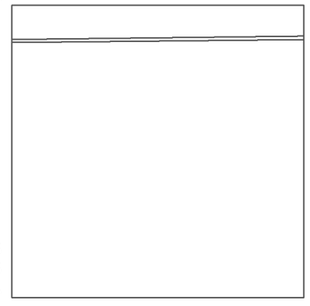
Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

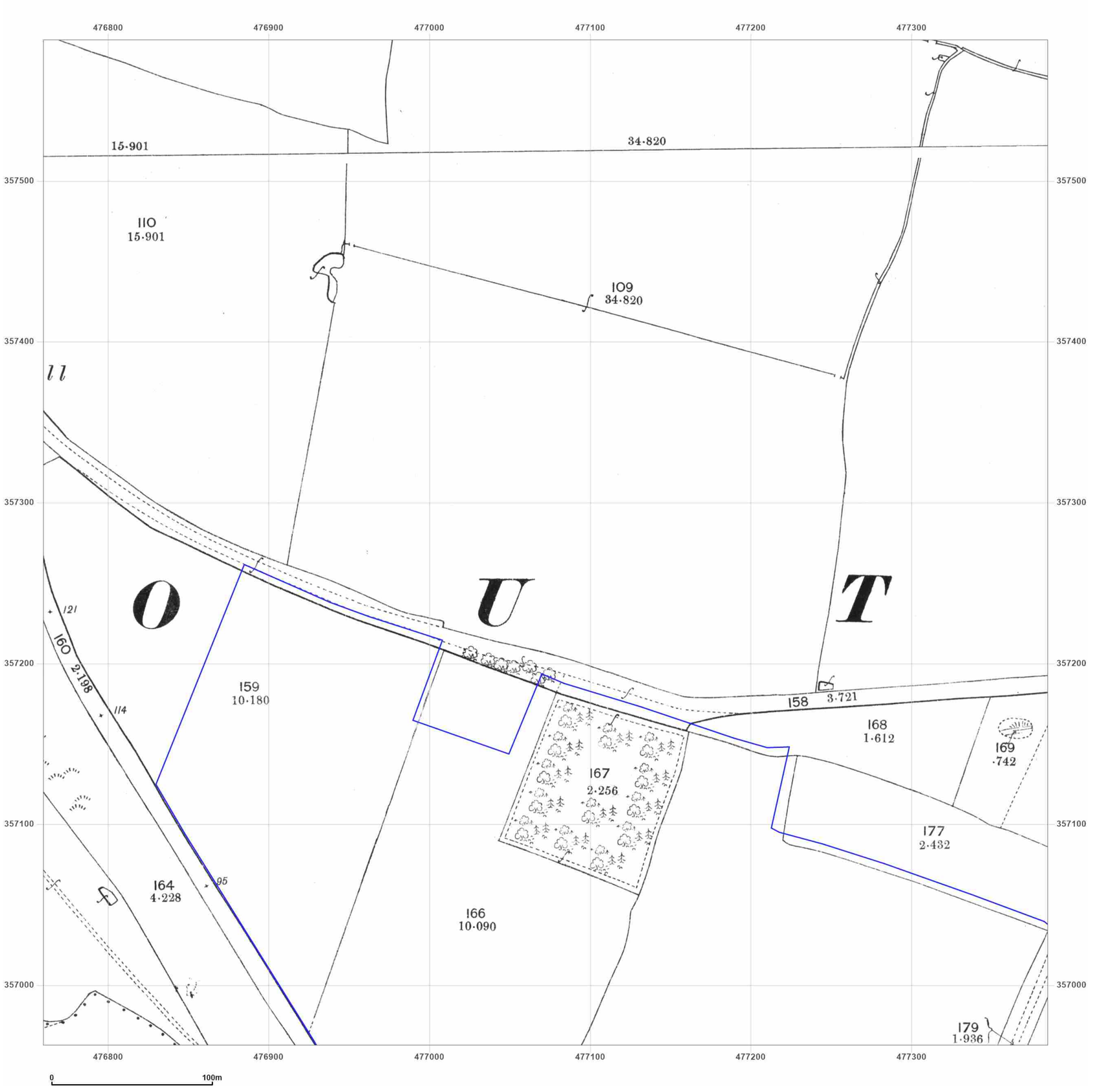
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

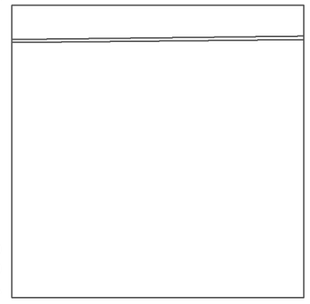
GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_7
Grid Ref: 477072, 357275

Map Name: County Series
Map date: **1900**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

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



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

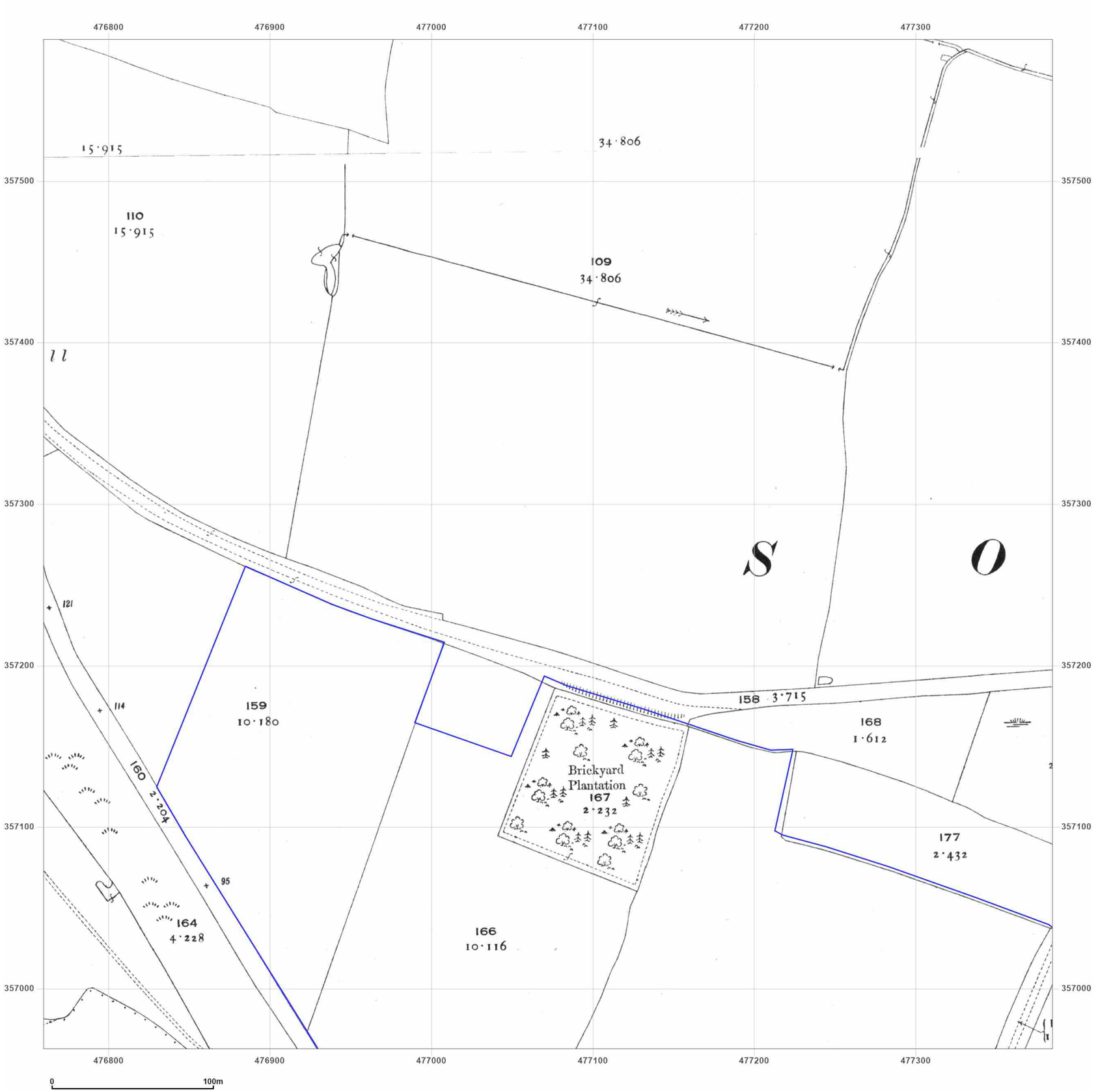
Powered by OS

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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_LS_6_7
Grid Ref: 477072, 357275

Map Name: County Series

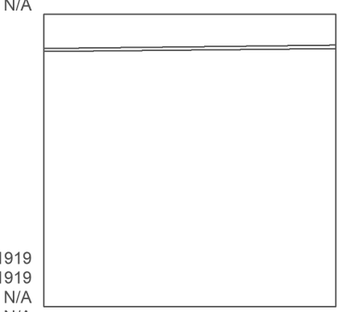
Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



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

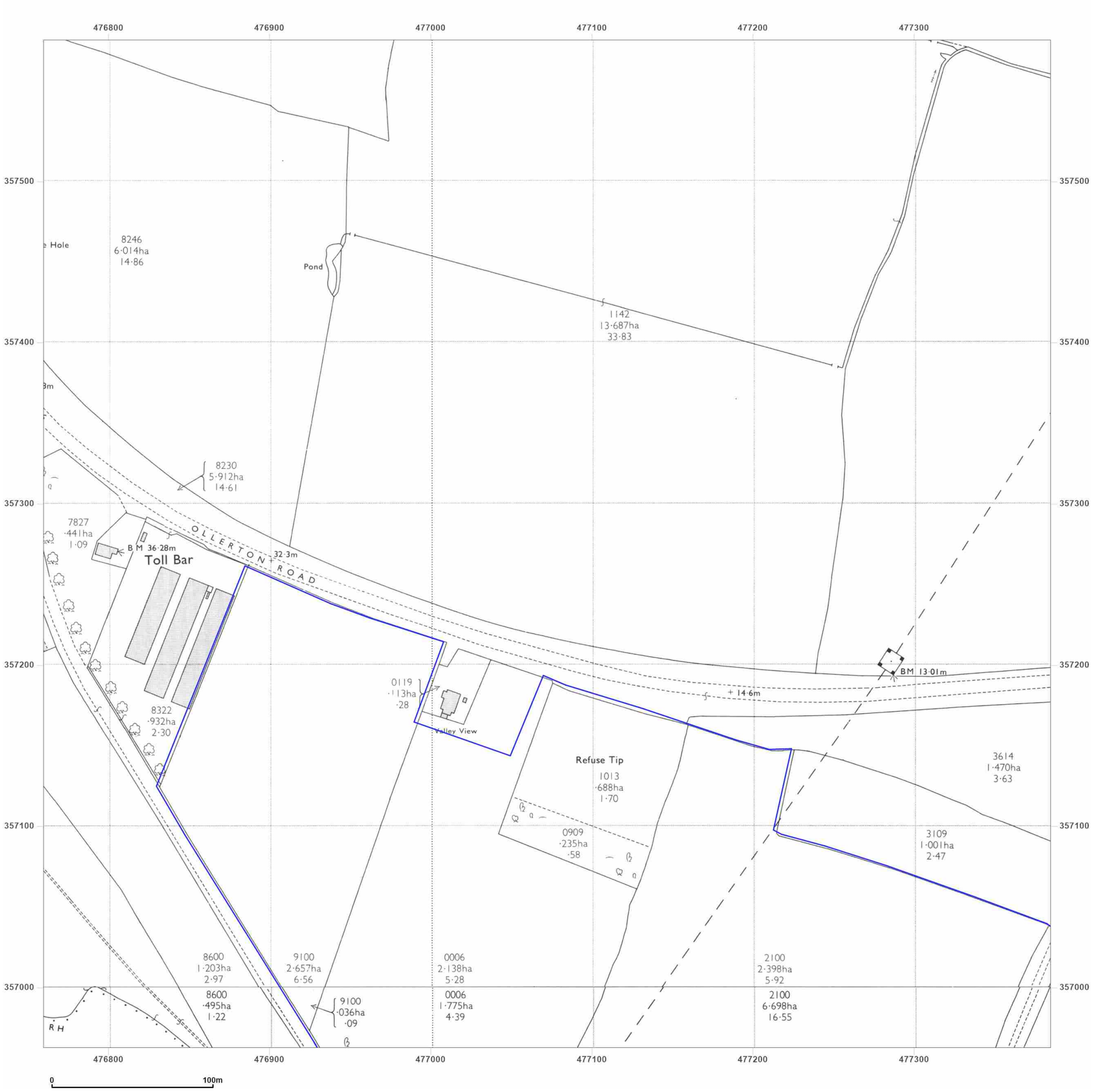
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_7
Grid Ref: 477072, 357275

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1956

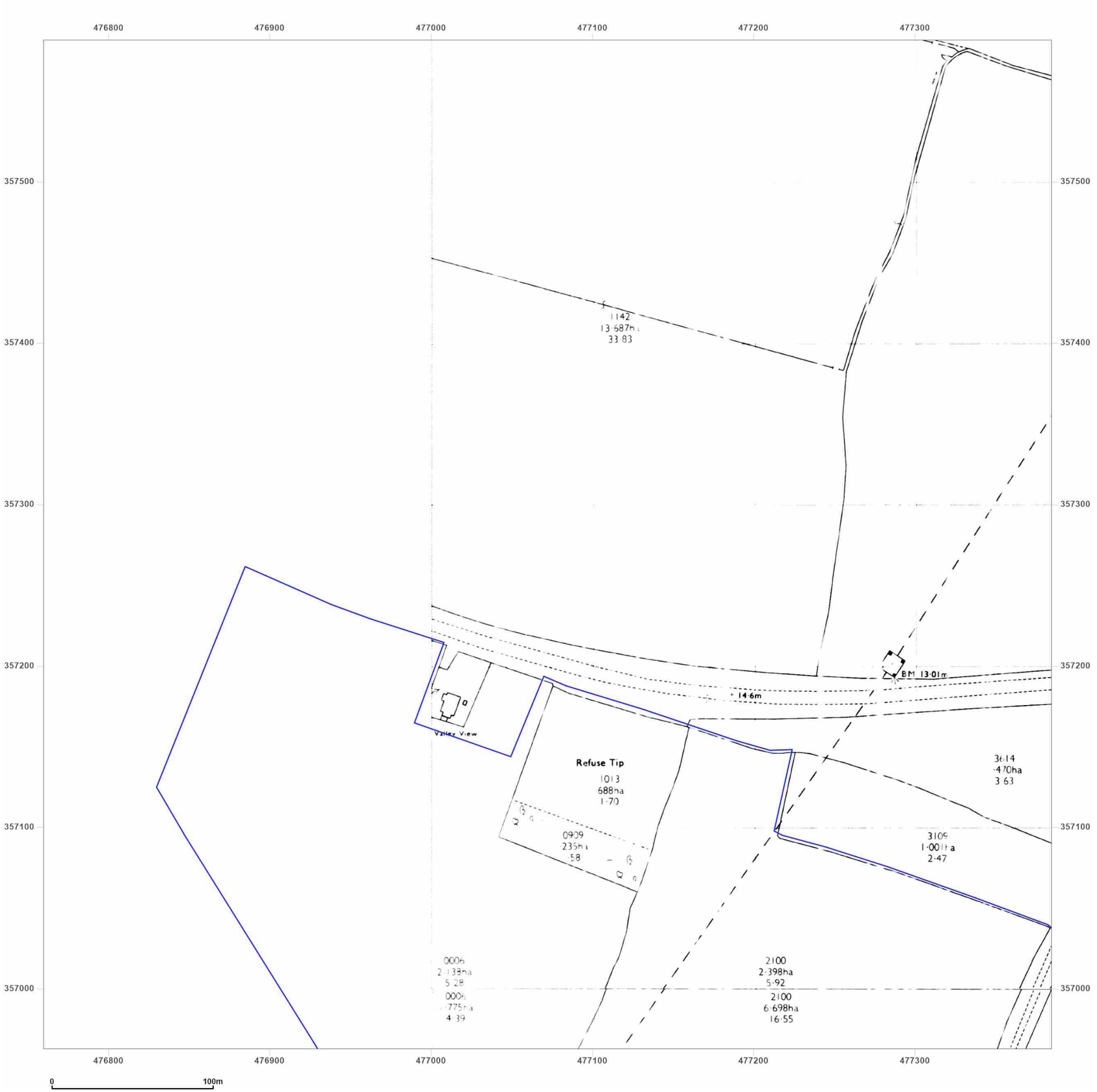
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_7
Grid Ref: 477072, 357275

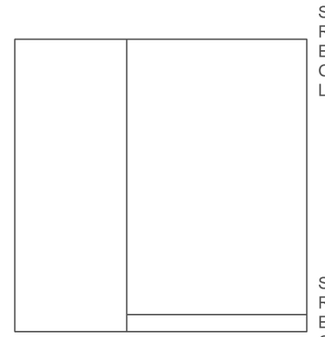
Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
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S



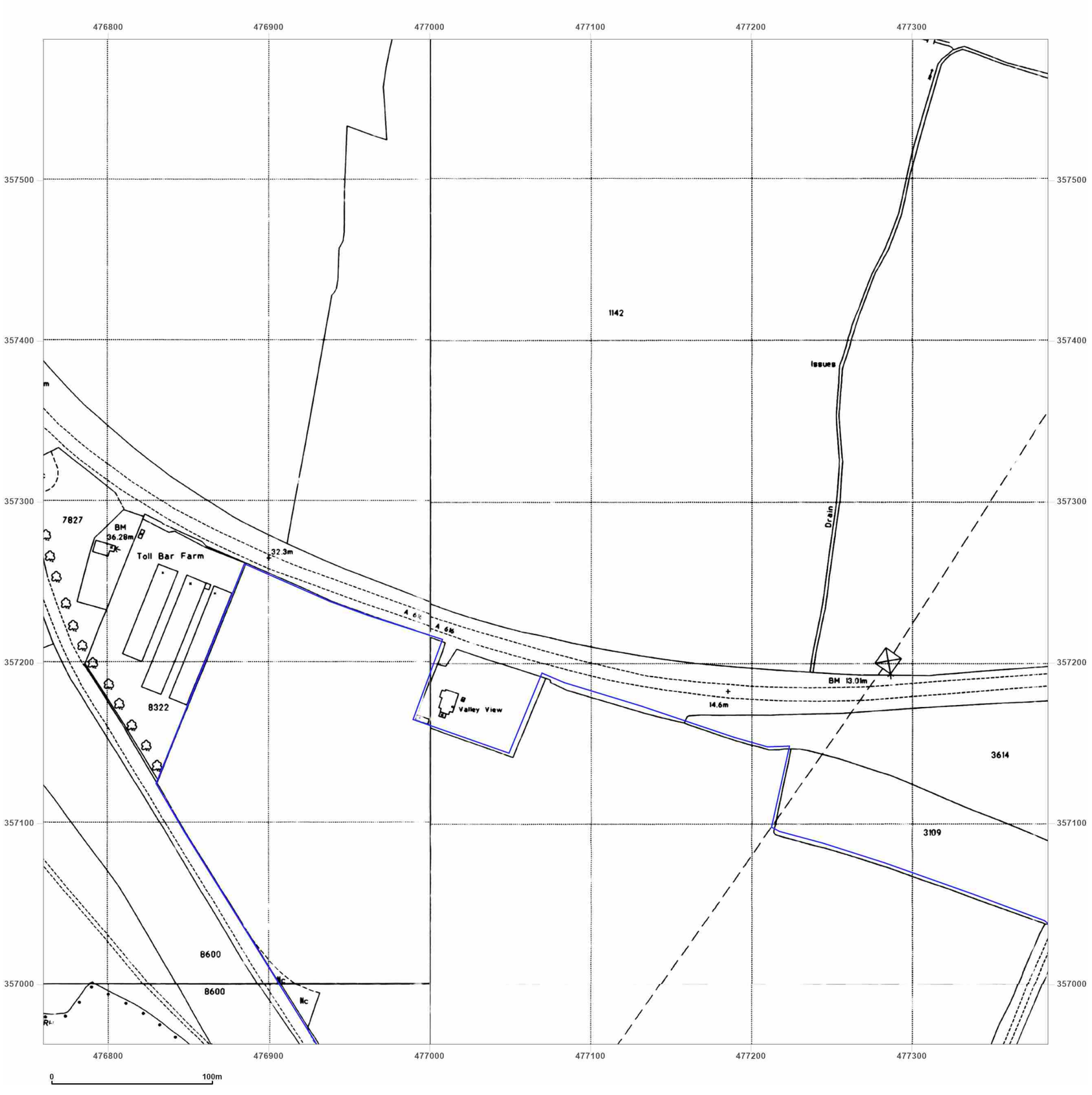
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_6_7
Grid Ref: 477072, 357275

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

N
W E
S

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

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

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

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

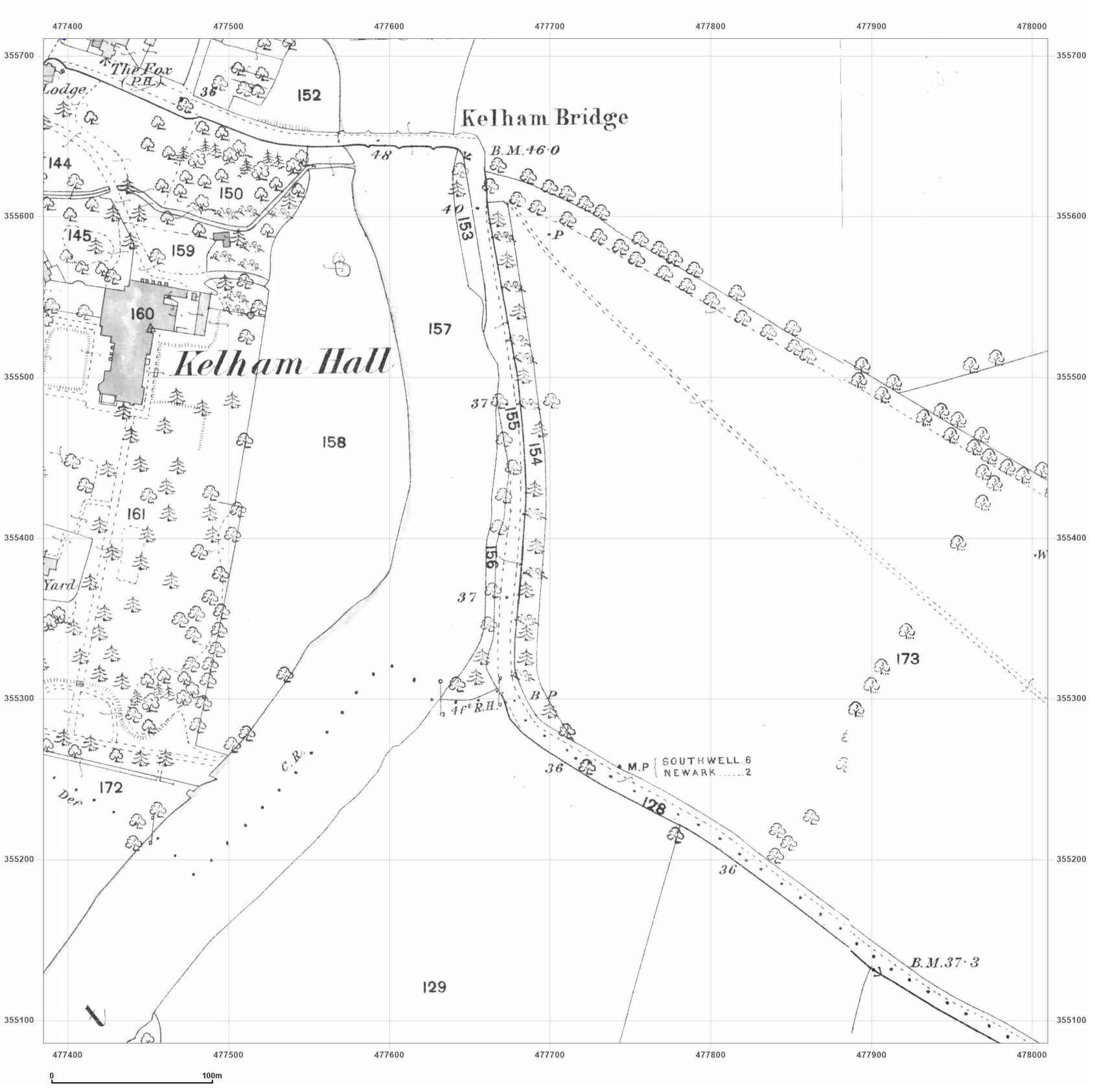
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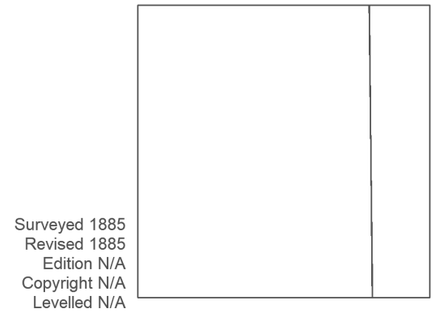
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GNRSP

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Report Ref: GSIP-2024-16448-21123_5_LS_7_4
Grid Ref: 477697, 355398

Map Name: County Series
Map date: **1885-1886**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S



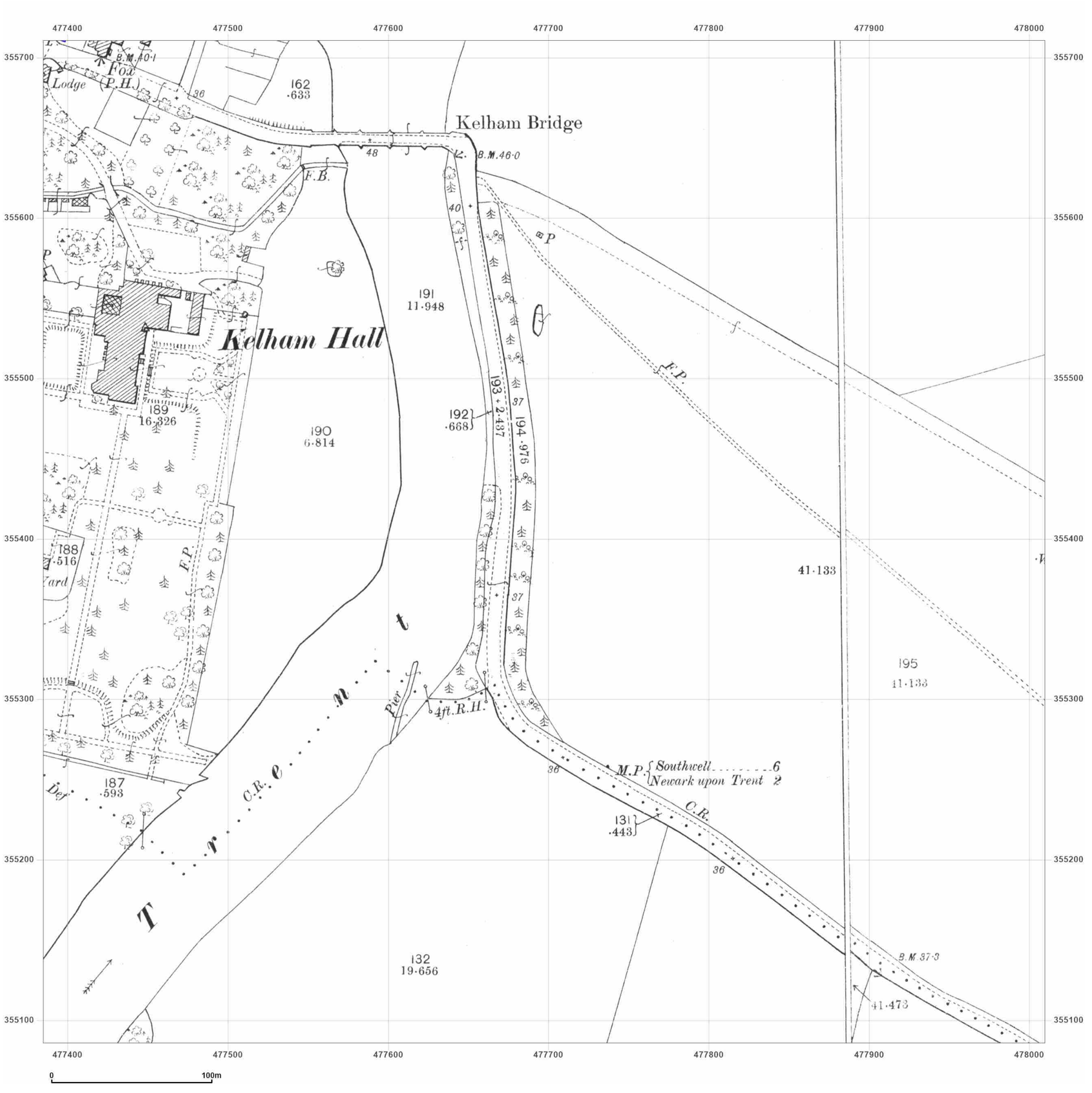
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

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GNRSP

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Report Ref: GSIP-2024-16448-21123_5_LS_7_4
Grid Ref: 477697, 355398

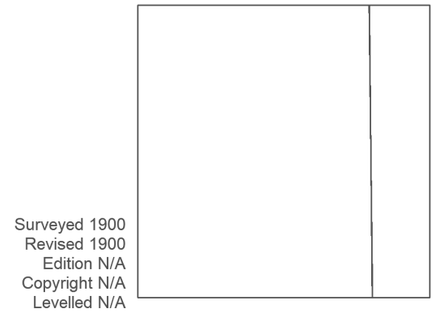
Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



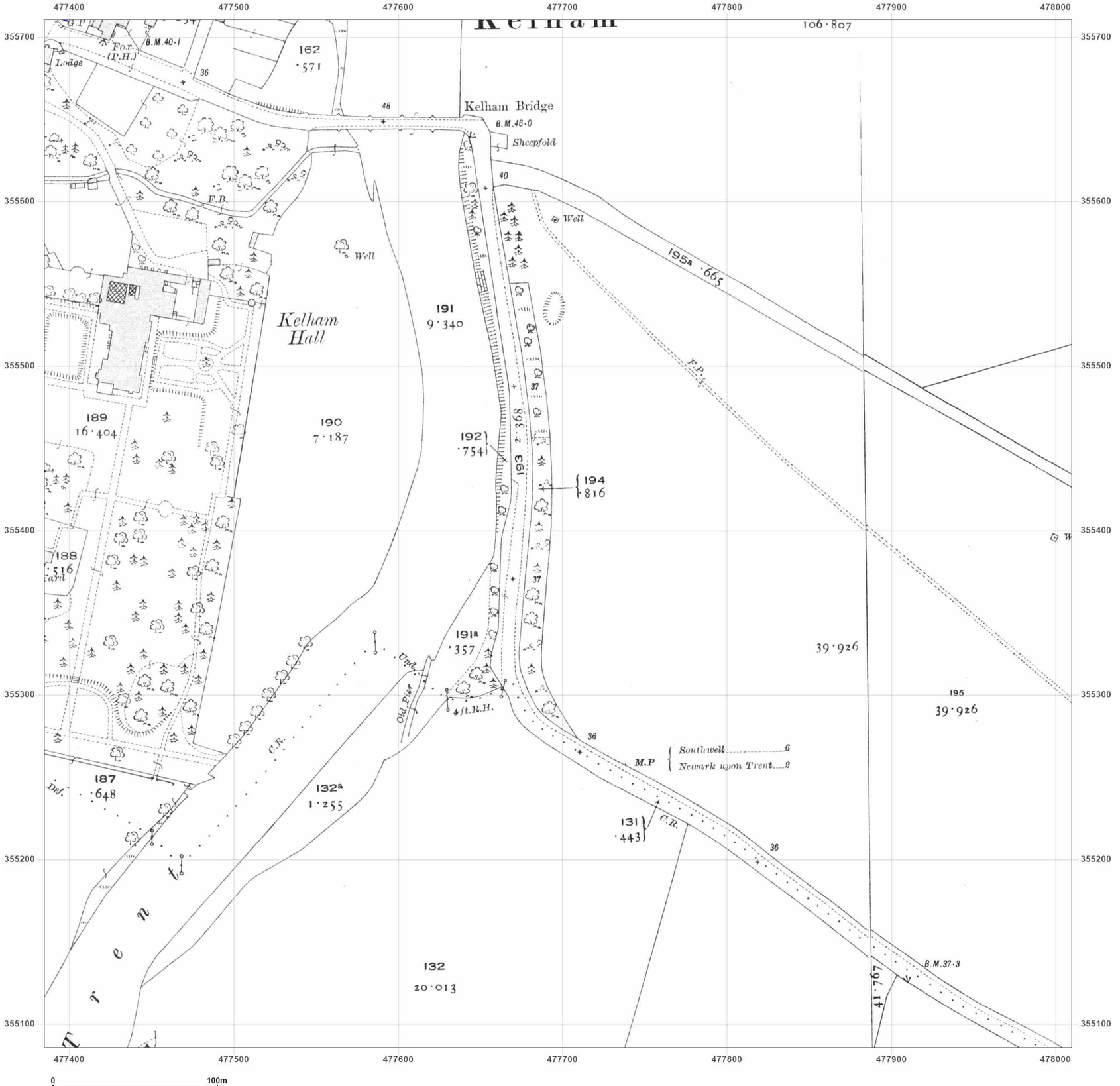
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_4
Grid Ref: 477697, 355398

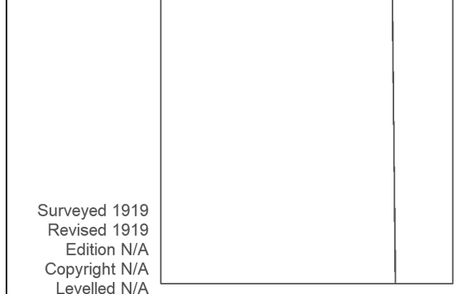
Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



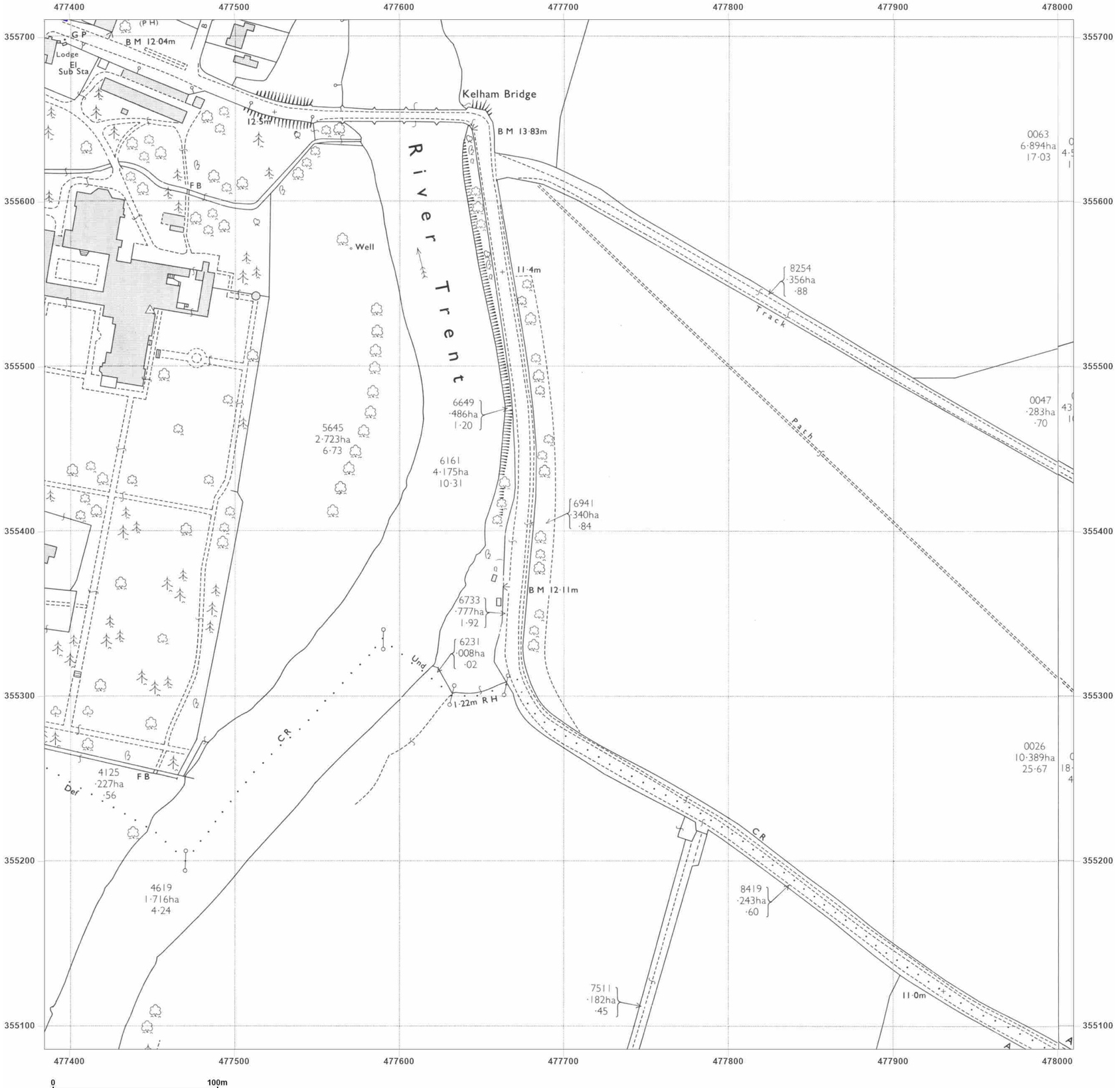
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_4
Grid Ref: 477697, 355398

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

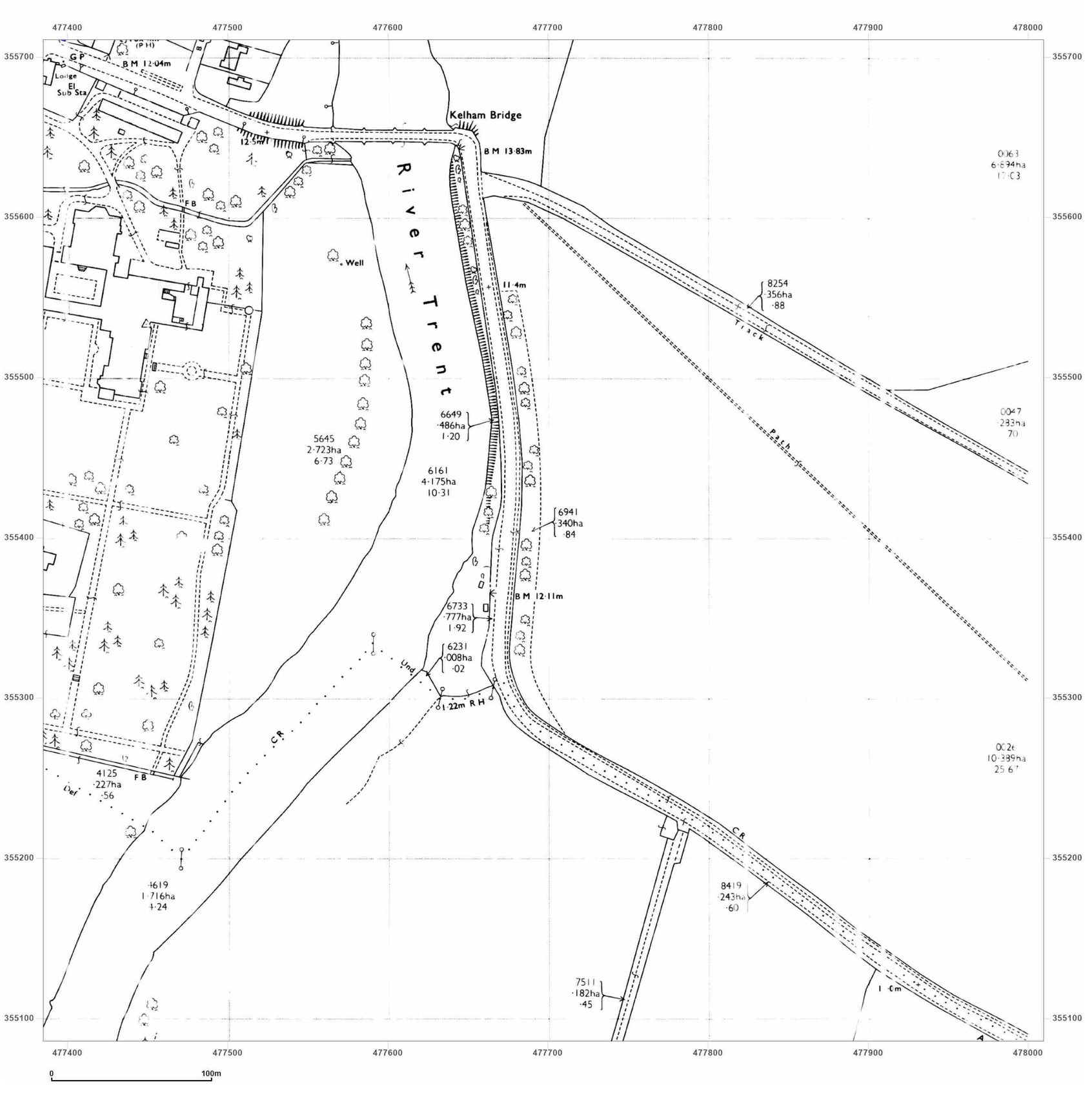
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_4
Grid Ref: 477697, 355398

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

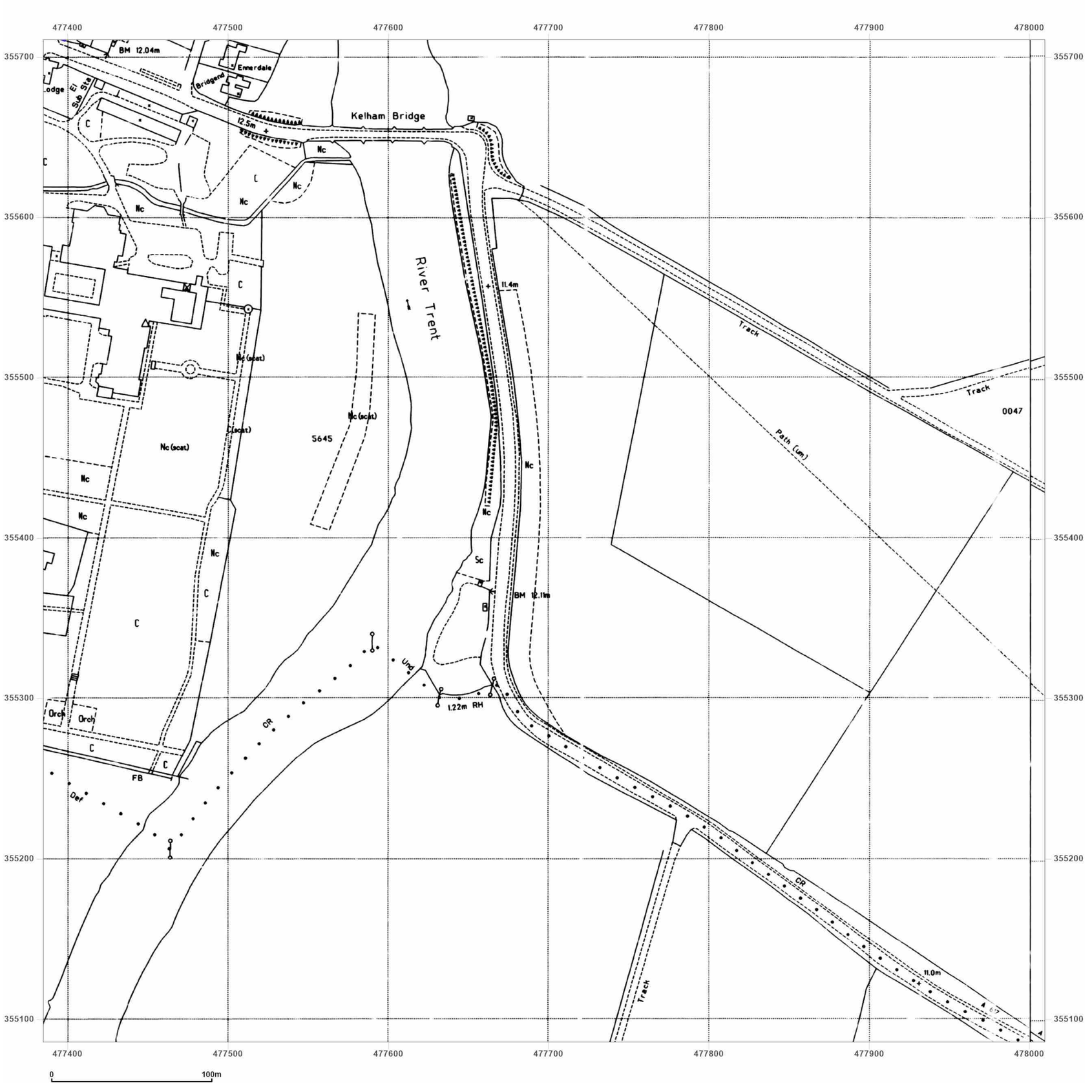
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_4
Grid Ref: 477697, 355398

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

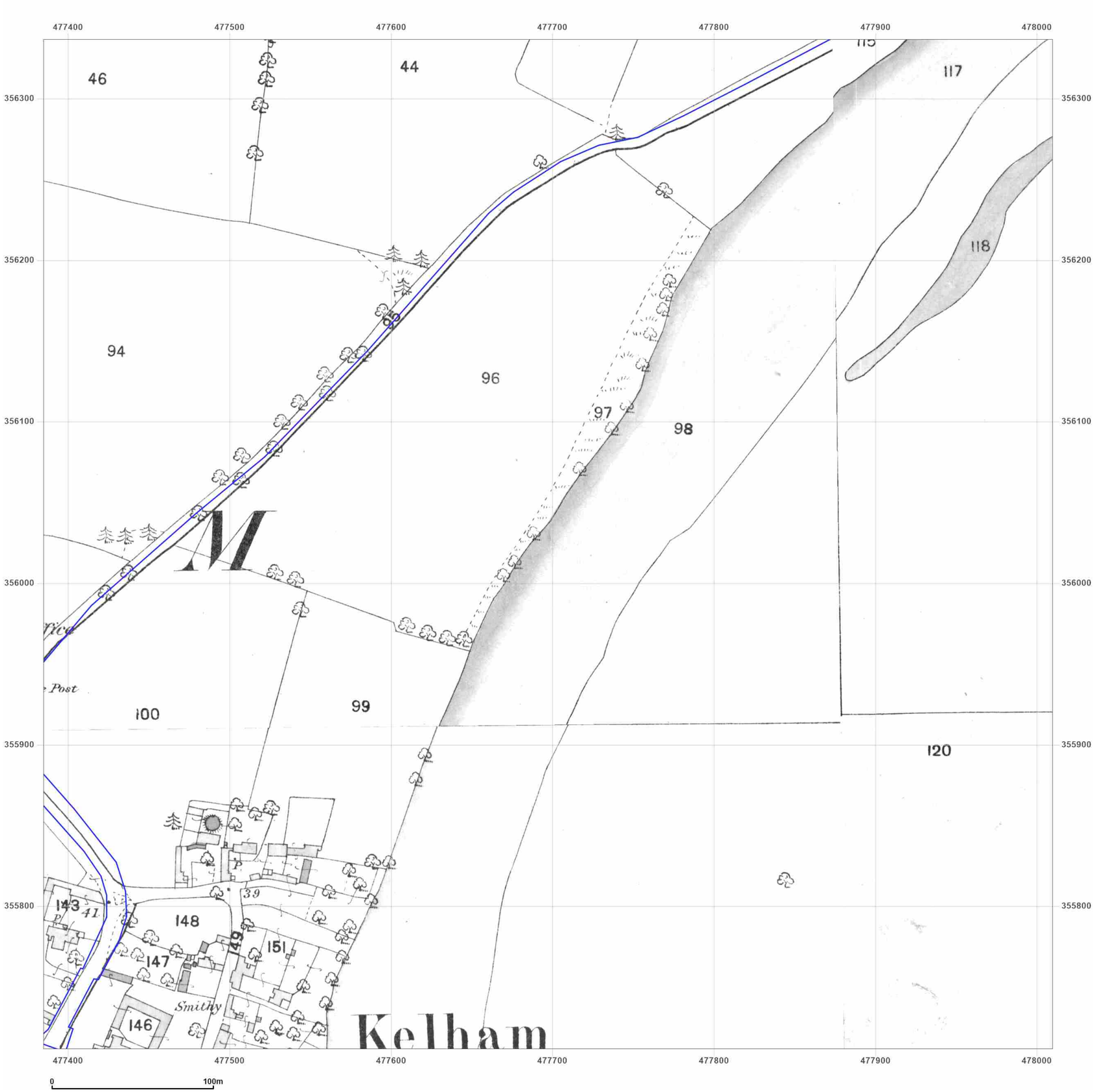
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Map legend available at: [redacted]



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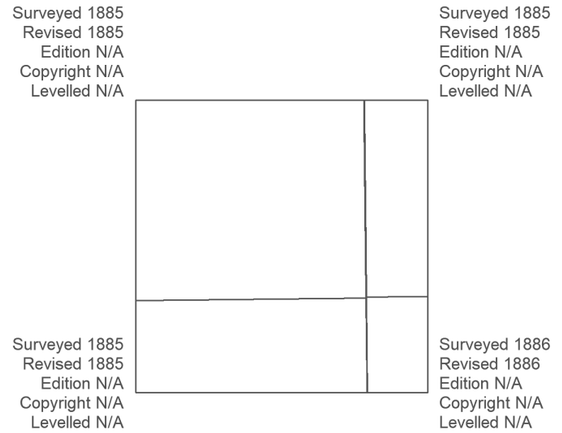
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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_5
Grid Ref: 477697, 356024

Map Name: County Series
Map date: **1885-1886**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
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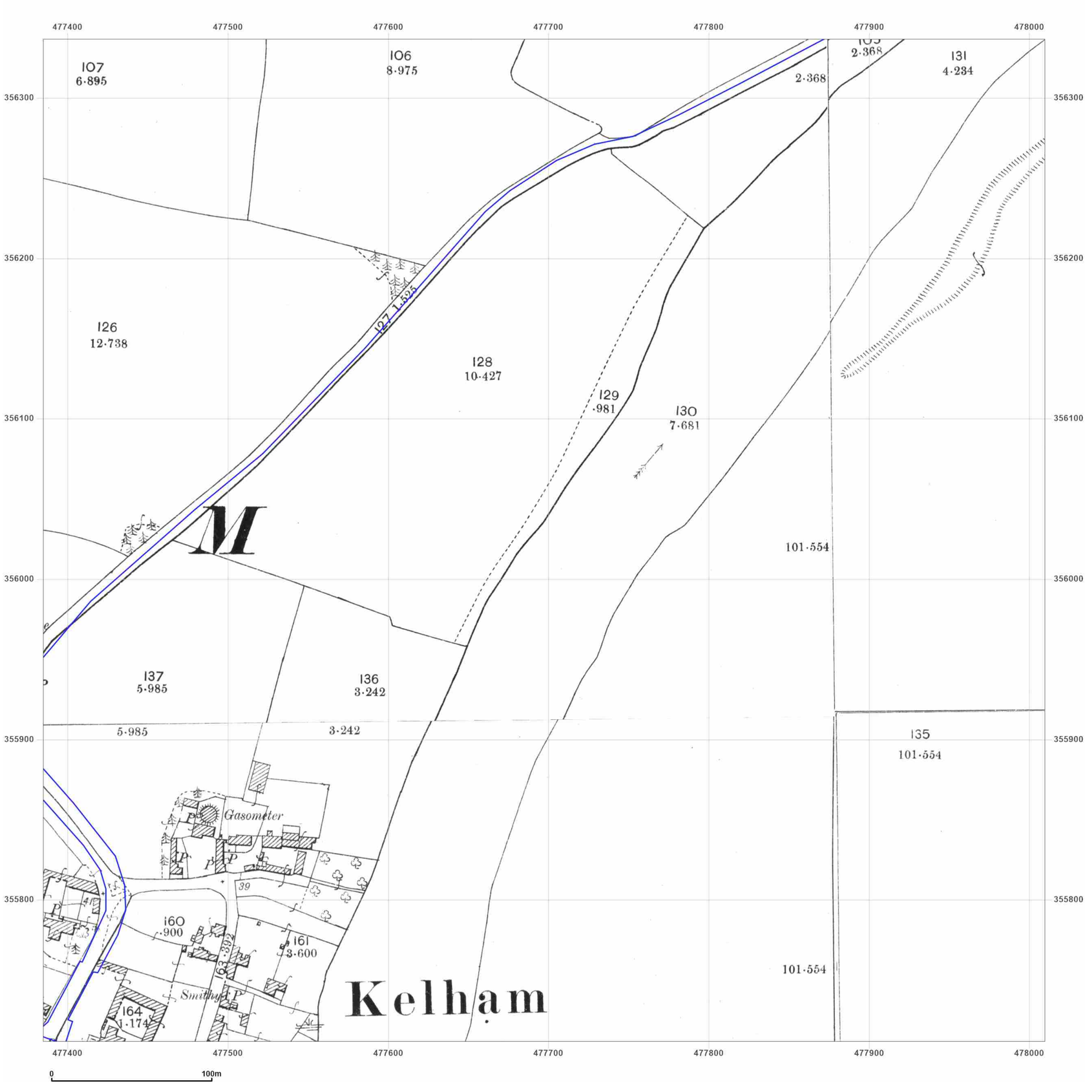
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_5
Grid Ref: 477697, 356024

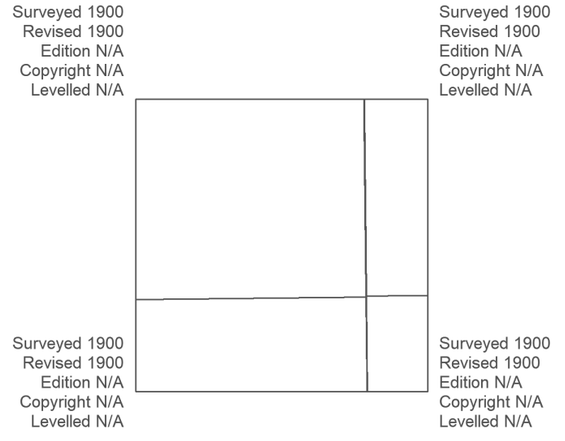
Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

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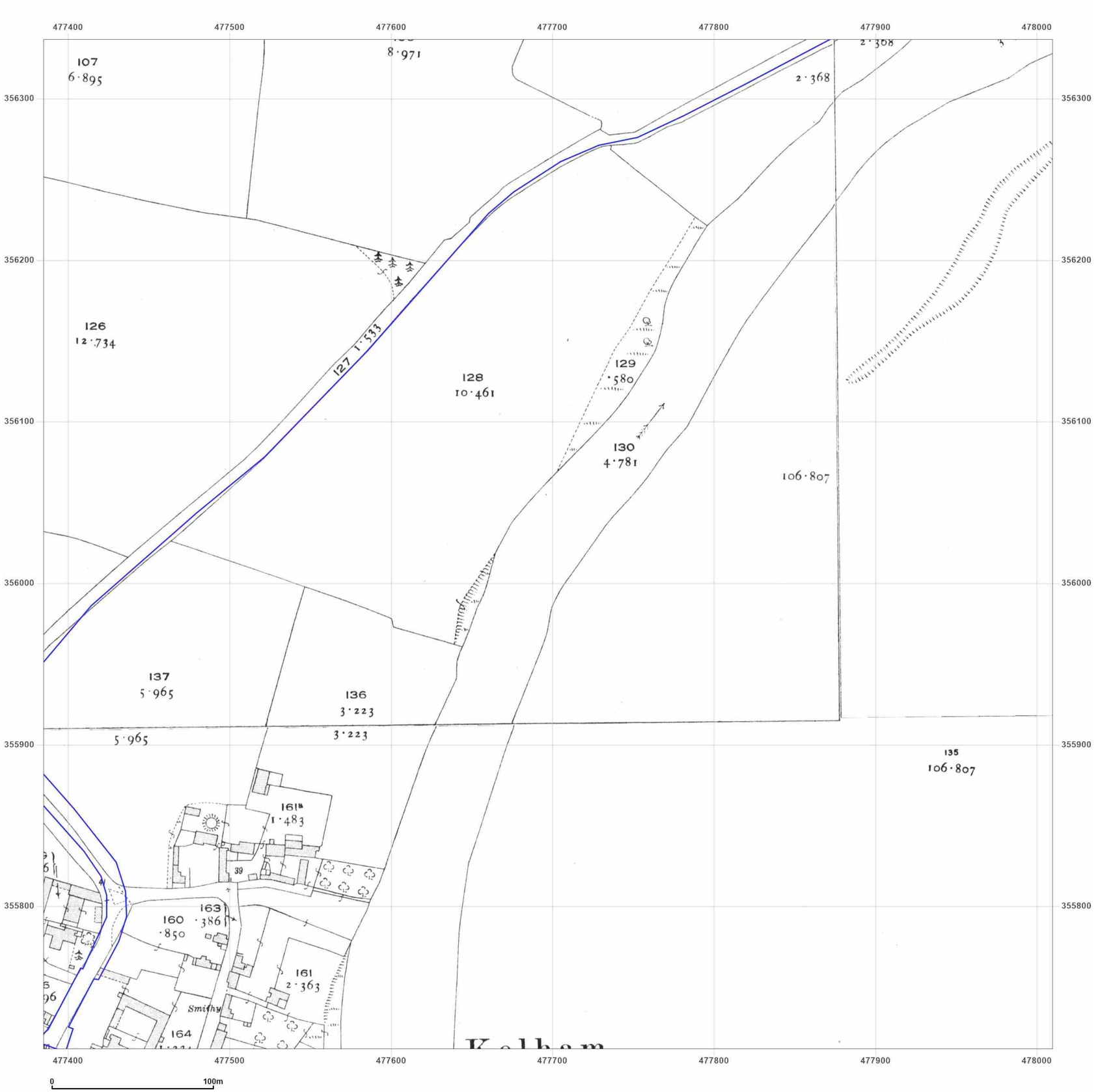
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_5
Grid Ref: 477697, 356024

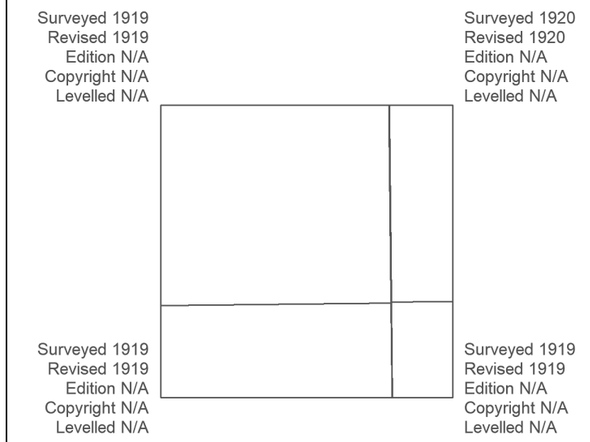
Map Name: County Series

Map date: **1919-1920**

Scale: 1:2,500

Printed at: 1:2,500

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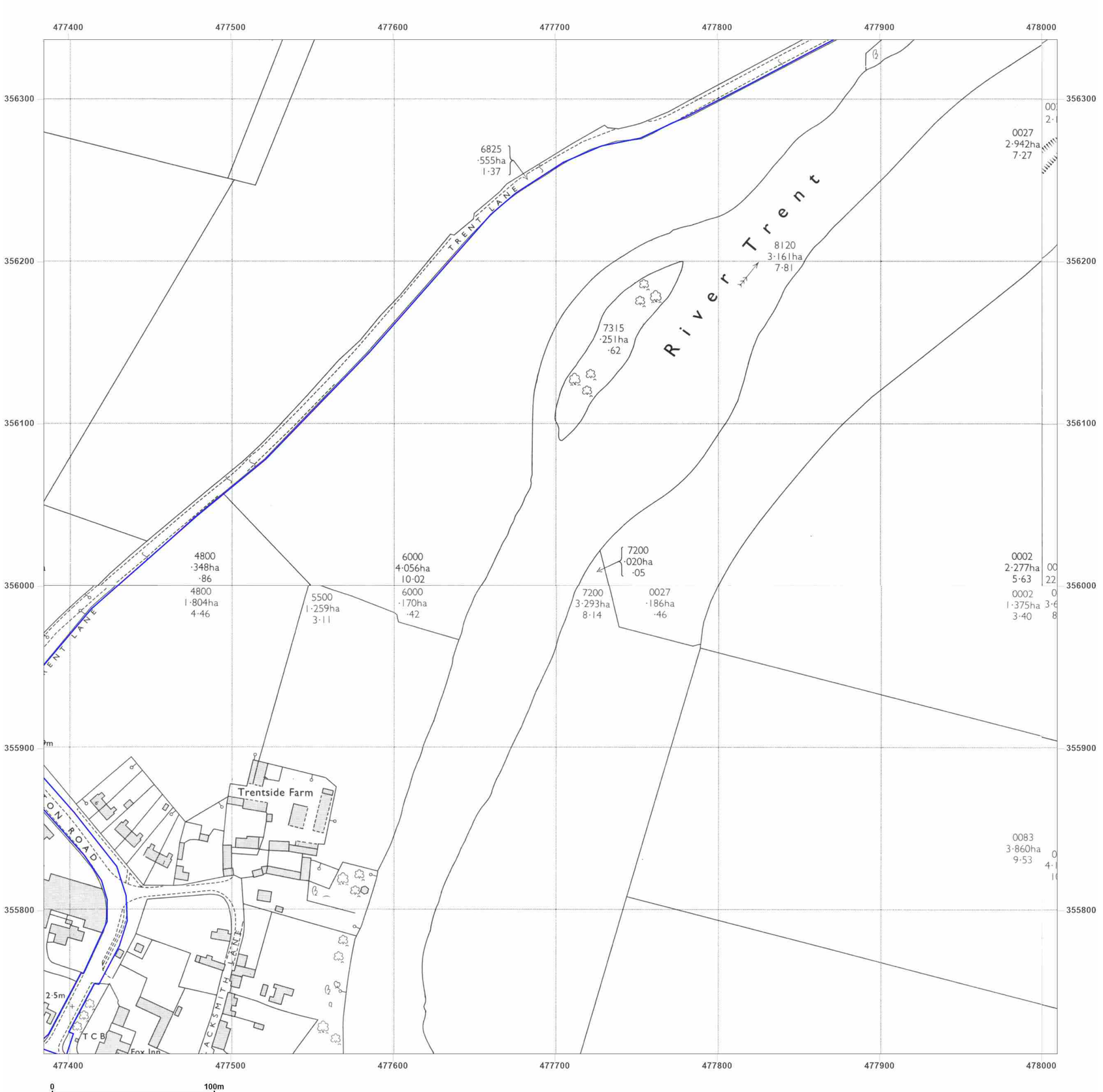
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_5
Grid Ref: 477697, 356024

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1956

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
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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_LS_7_5
Grid Ref: 477697, 356024

Map Name: National Grid

Map date: **1970-1974**

Scale: 1:2,500

Printed at: 1:2,500

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

Surveyed N/A
Revised N/A
Edition N/A
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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_LS_7_5
Grid Ref: 477697, 356024

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

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

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

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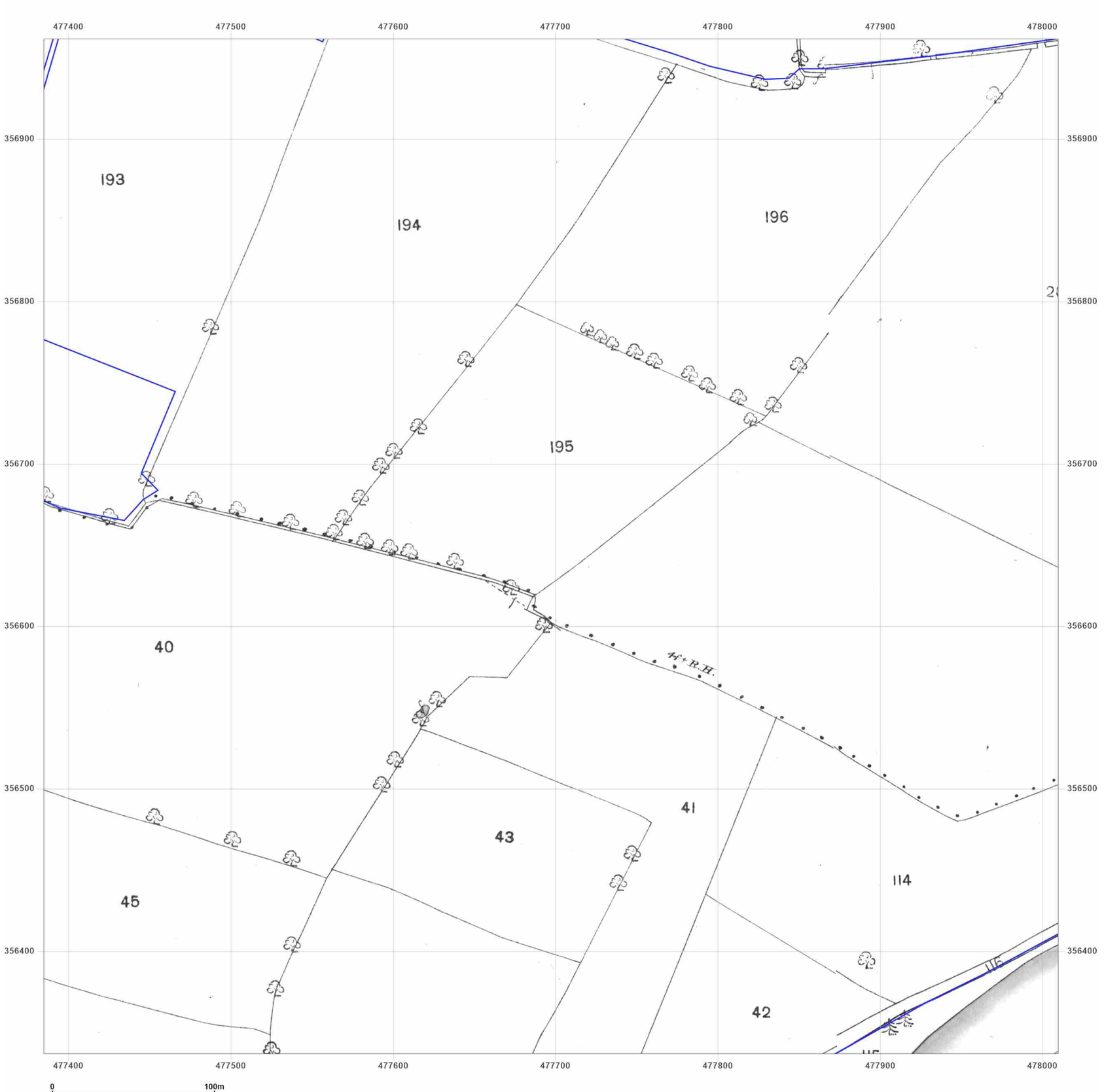
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_6
Grid Ref: 477697, 356649

Map Name: County Series

Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

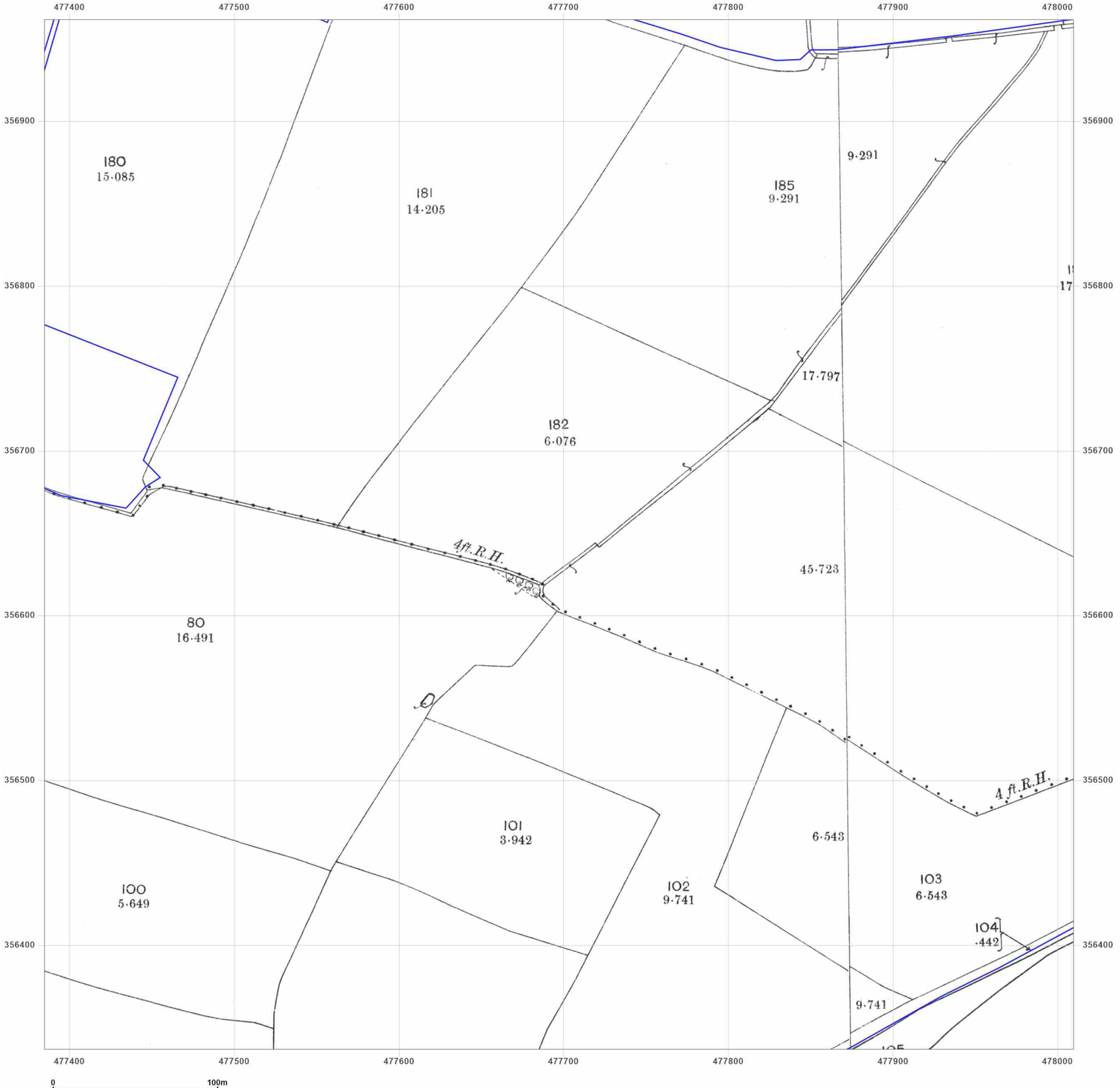
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

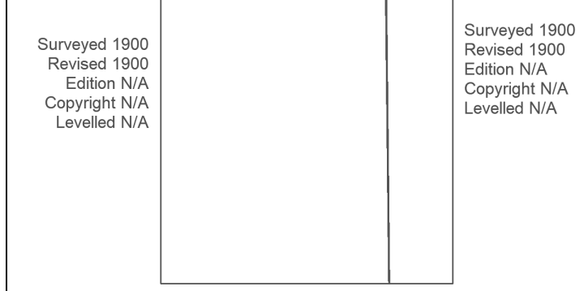
Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_6
Grid Ref: 477697, 356649

Map Name: County Series
Map date: **1900**
Scale: 1:2,500
Printed at: 1:2,500

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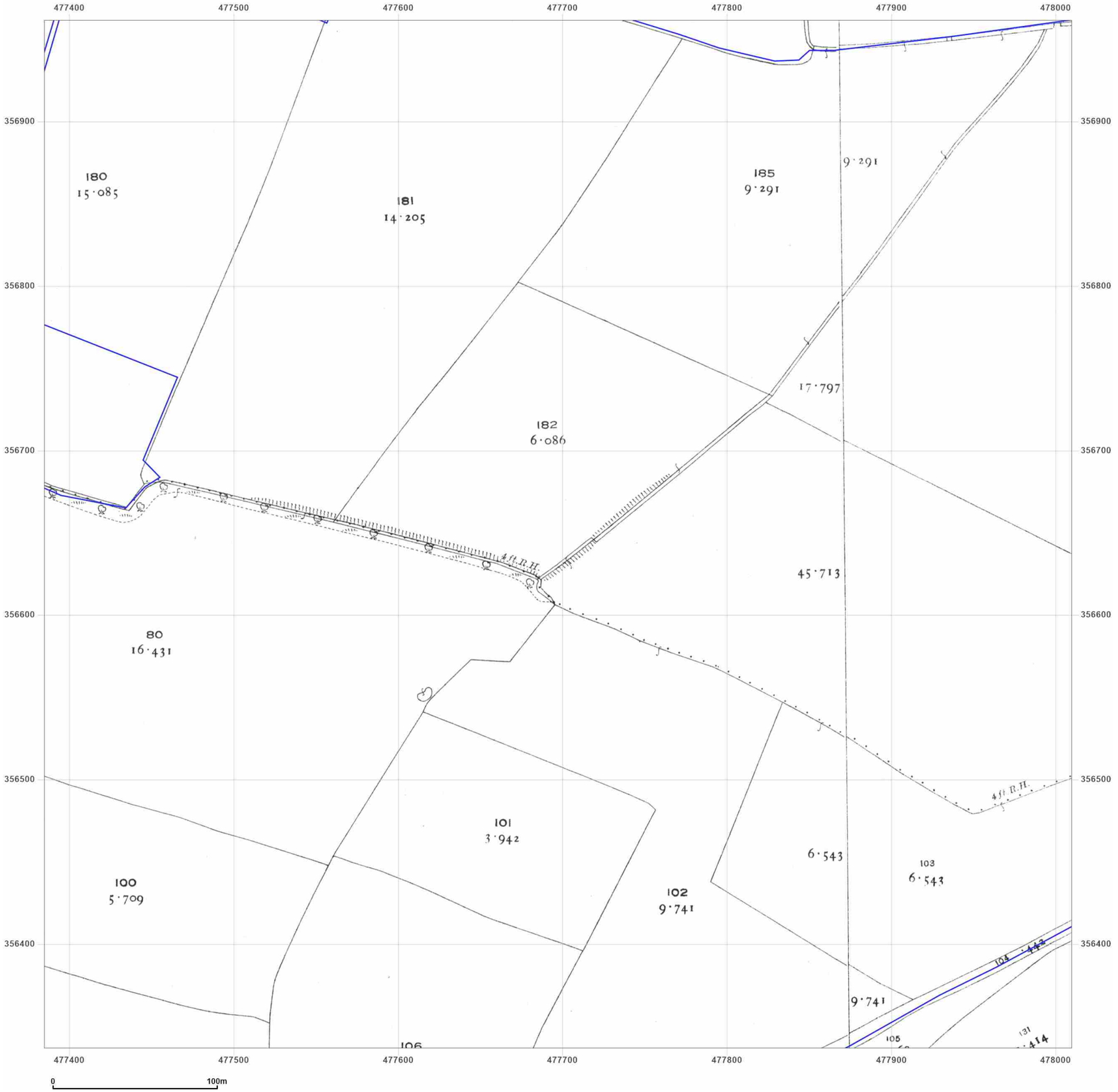
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_6
Grid Ref: 477697, 356649

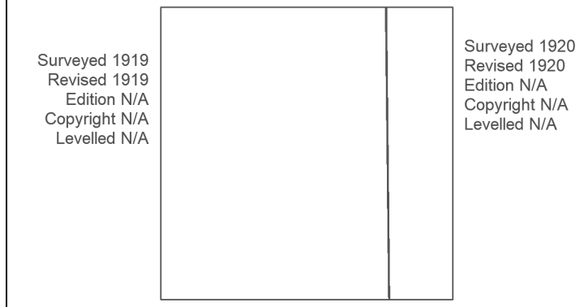
Map Name: County Series

Map date: **1919-1920**

Scale: 1:2,500

Printed at: 1:2,500

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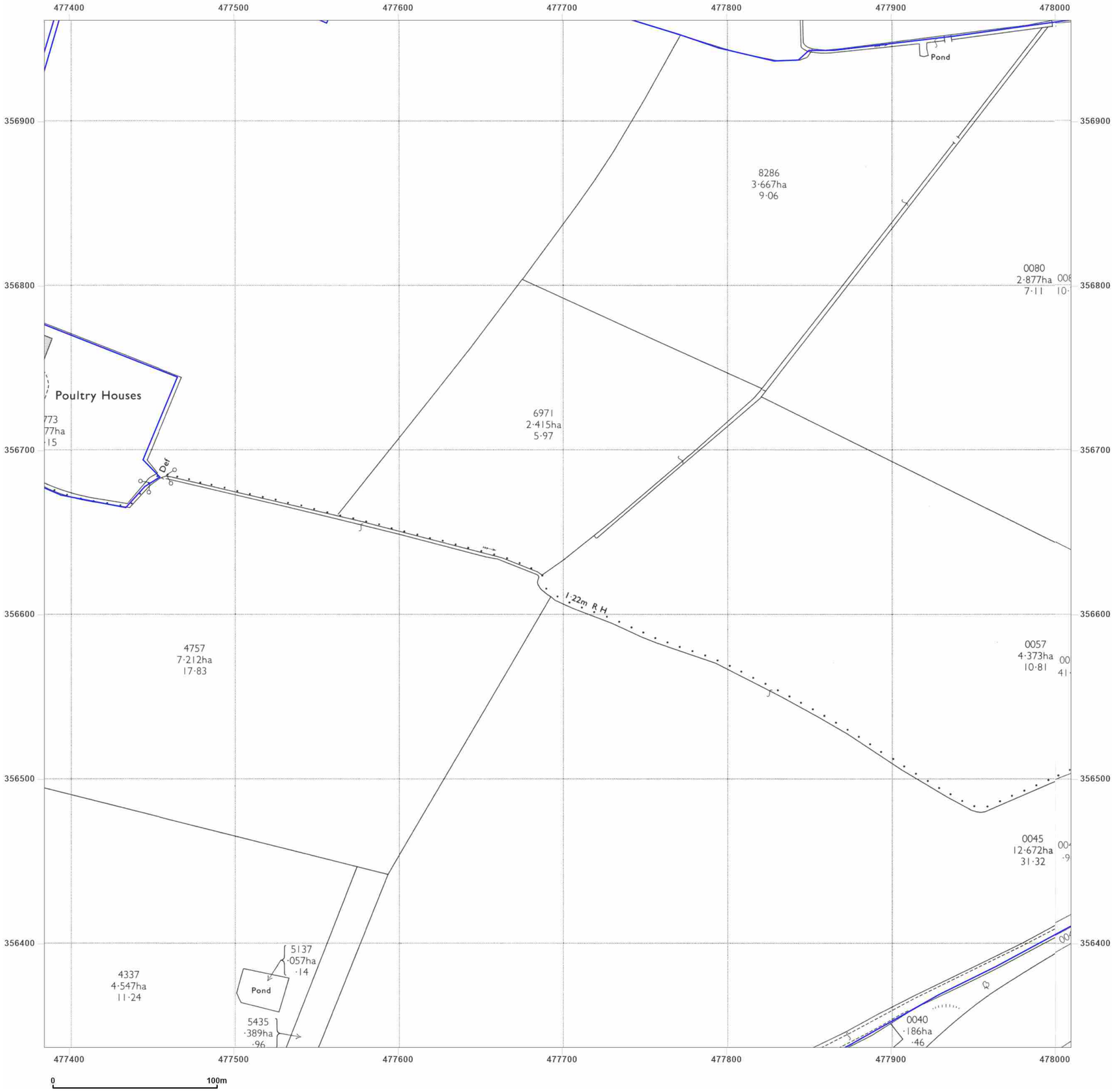
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_6
Grid Ref: 477697, 356649

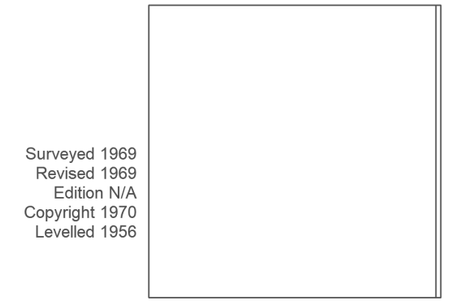
Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

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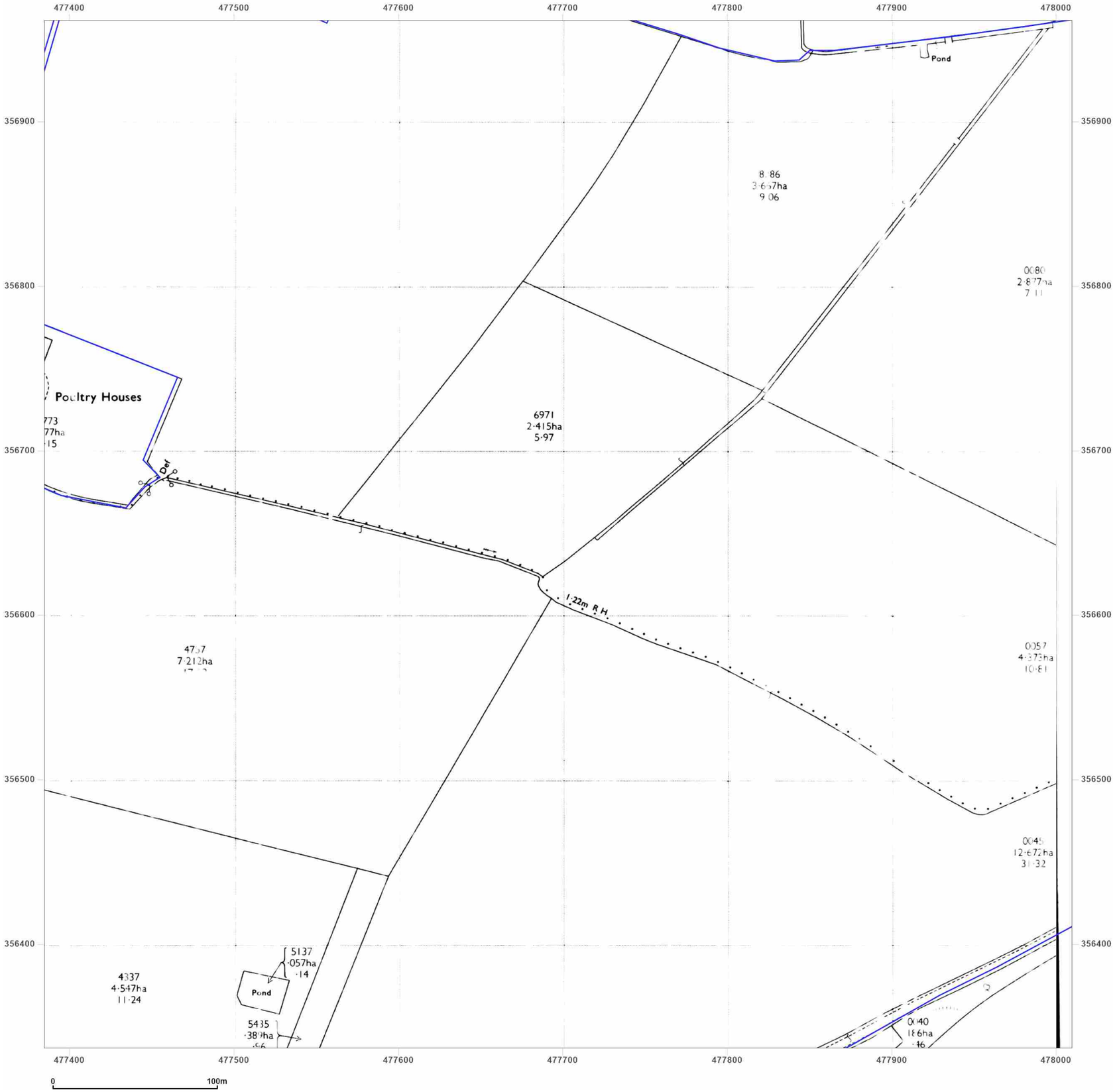
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_6
Grid Ref: 477697, 356649

Map Name: National Grid
Map date: **1970-1974**
Scale: 1:2,500
Printed at: 1:2,500

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

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

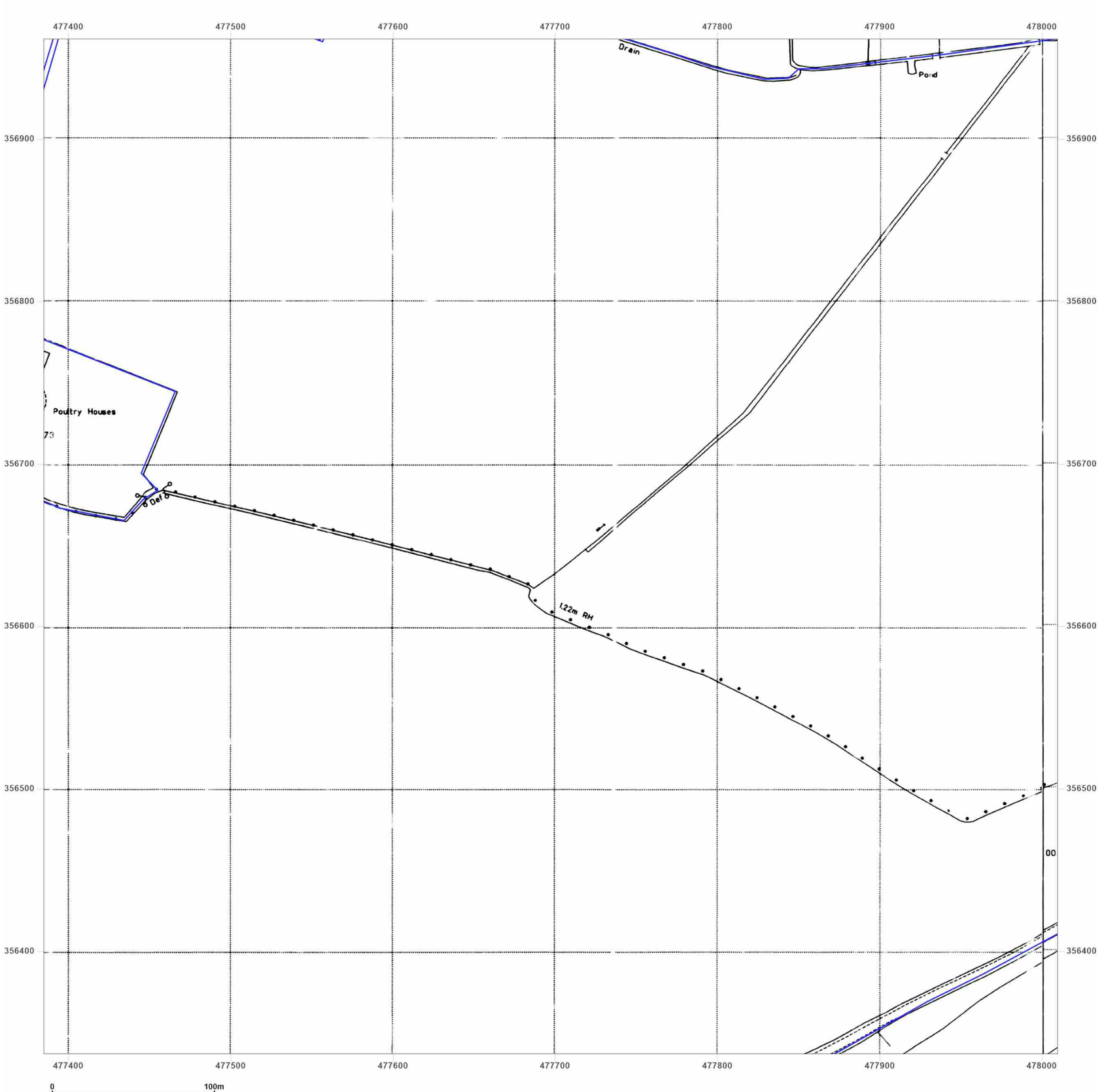
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_6
Grid Ref: 477697, 356649

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

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

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

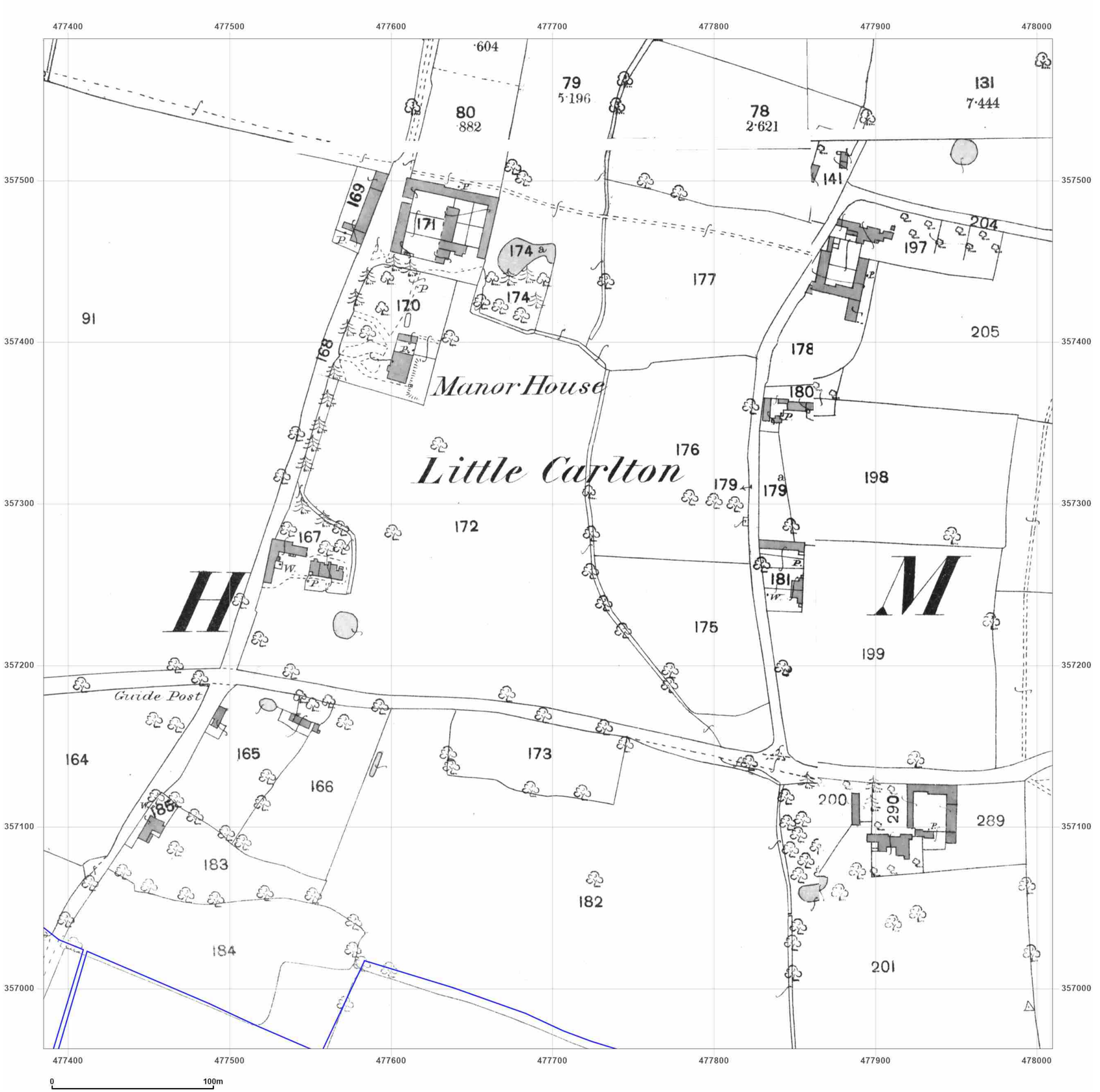
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_7
Grid Ref: 477697, 357275

Map Name: County Series

Map date: **1885**

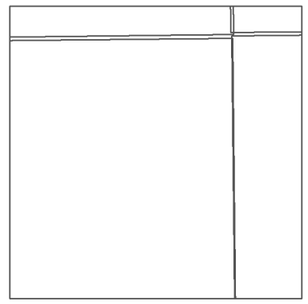
Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1885
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Copyright N/A
Levelled N/A

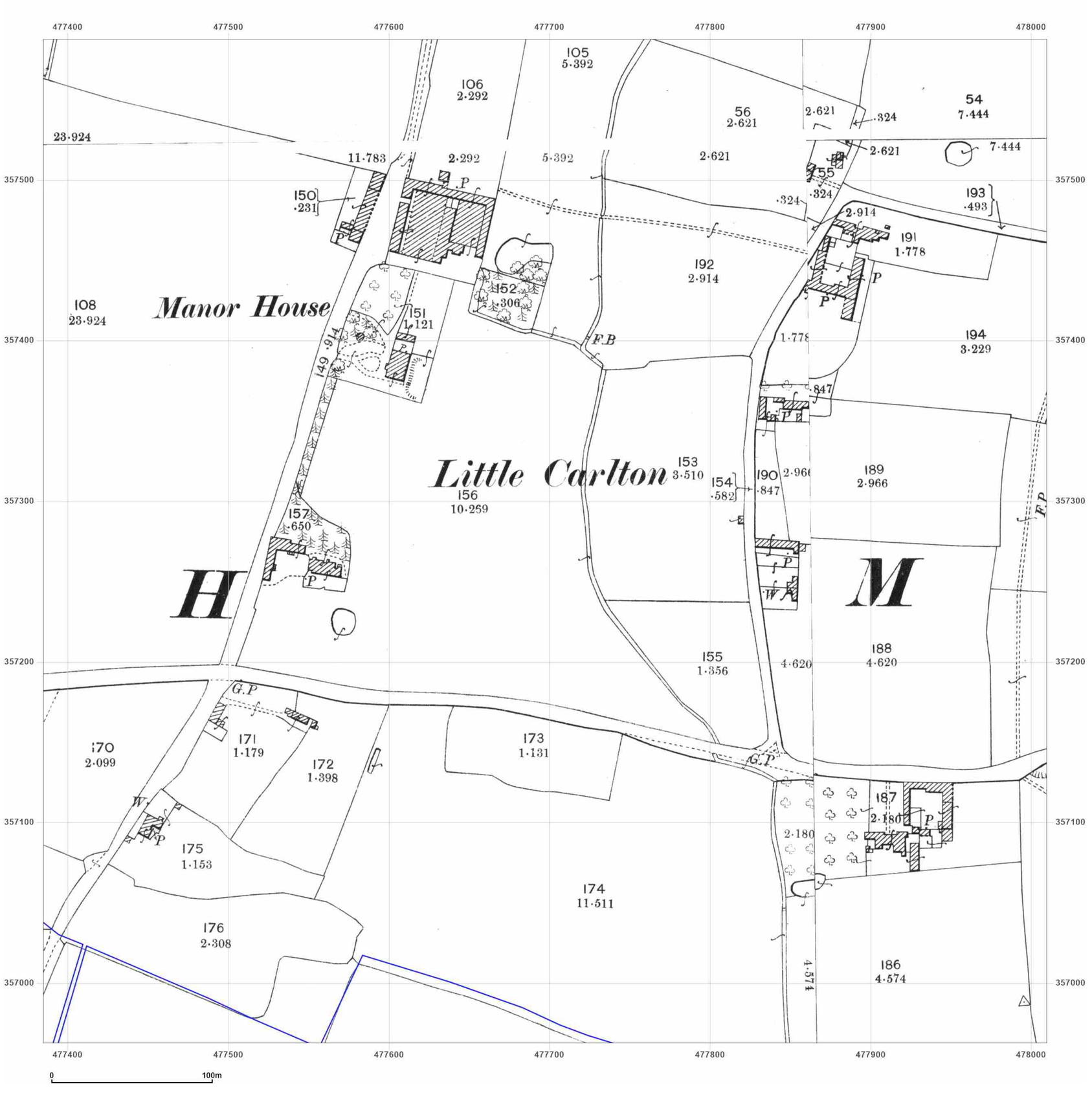
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Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_7
Grid Ref: 477697, 357275

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

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

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

Surveyed 1900
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Copyright N/A
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Surveyed 1900
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Copyright N/A
Levelled N/A

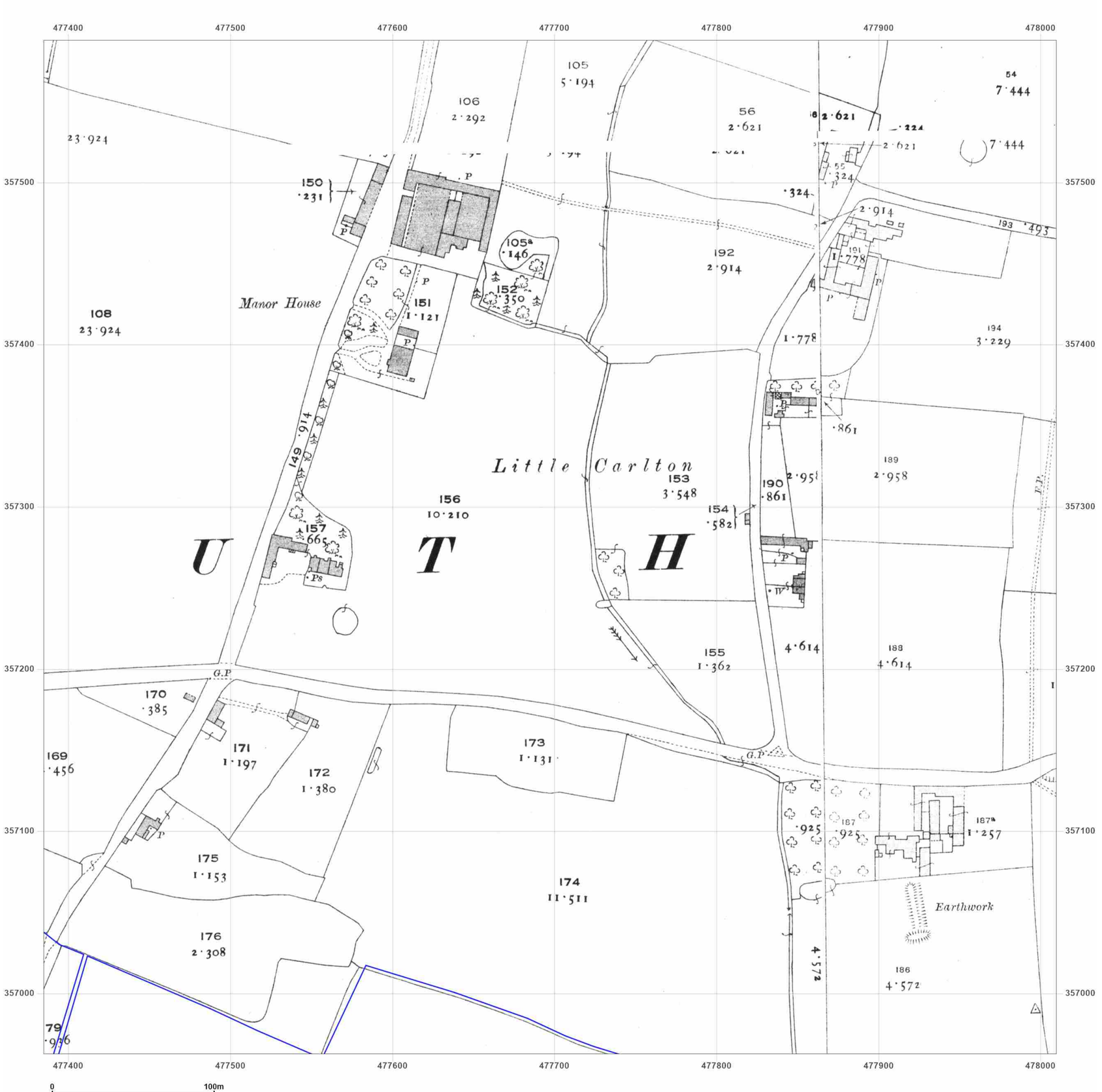
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_7
Grid Ref: 477697, 357275

Map Name: County Series

Map date: **1919-1920**

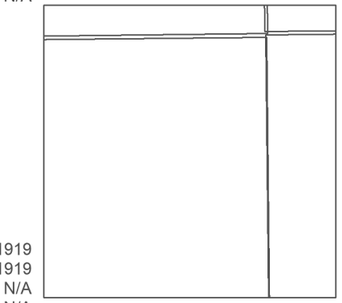
Scale: 1:2,500

Printed at: 1:2,500

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

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



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

Surveyed 1920
Revised 1920
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_7
Grid Ref: 477697, 357275

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1969 Revised 1969 Edition N/A Copyright 1970 Levelled 1956	Surveyed 1969 Revised 1969 Edition N/A Copyright 1970 Levelled 1966

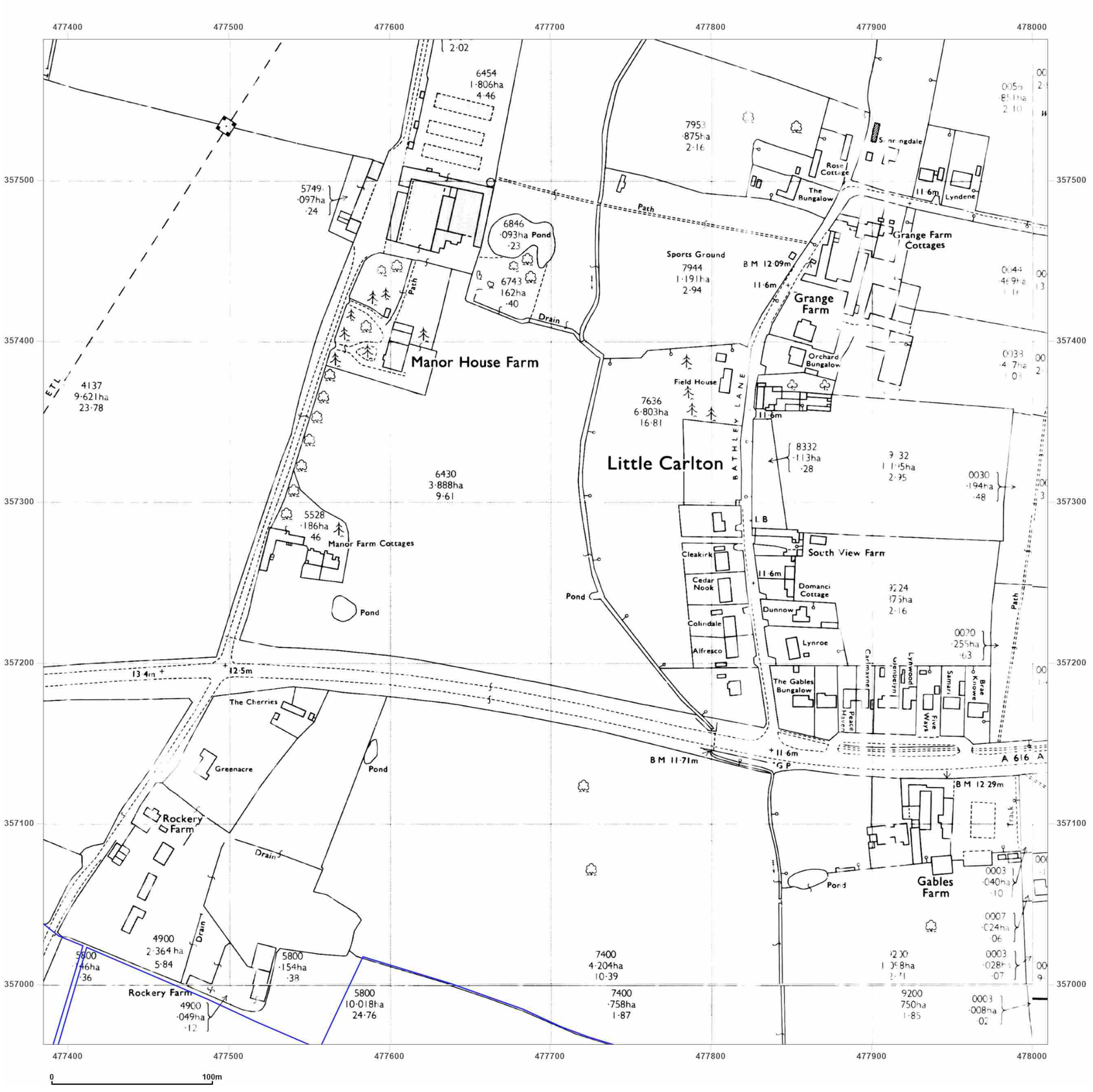
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Production date: 24 October 2024

Map legend available at: [redacted]



Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_7
Grid Ref: 477697, 357275

Map Name: National Grid

Map date: **1970-1974**

Scale: 1:2,500

Printed at: 1:2,500

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

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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_LS_7_7
Grid Ref: 477697, 357275

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A
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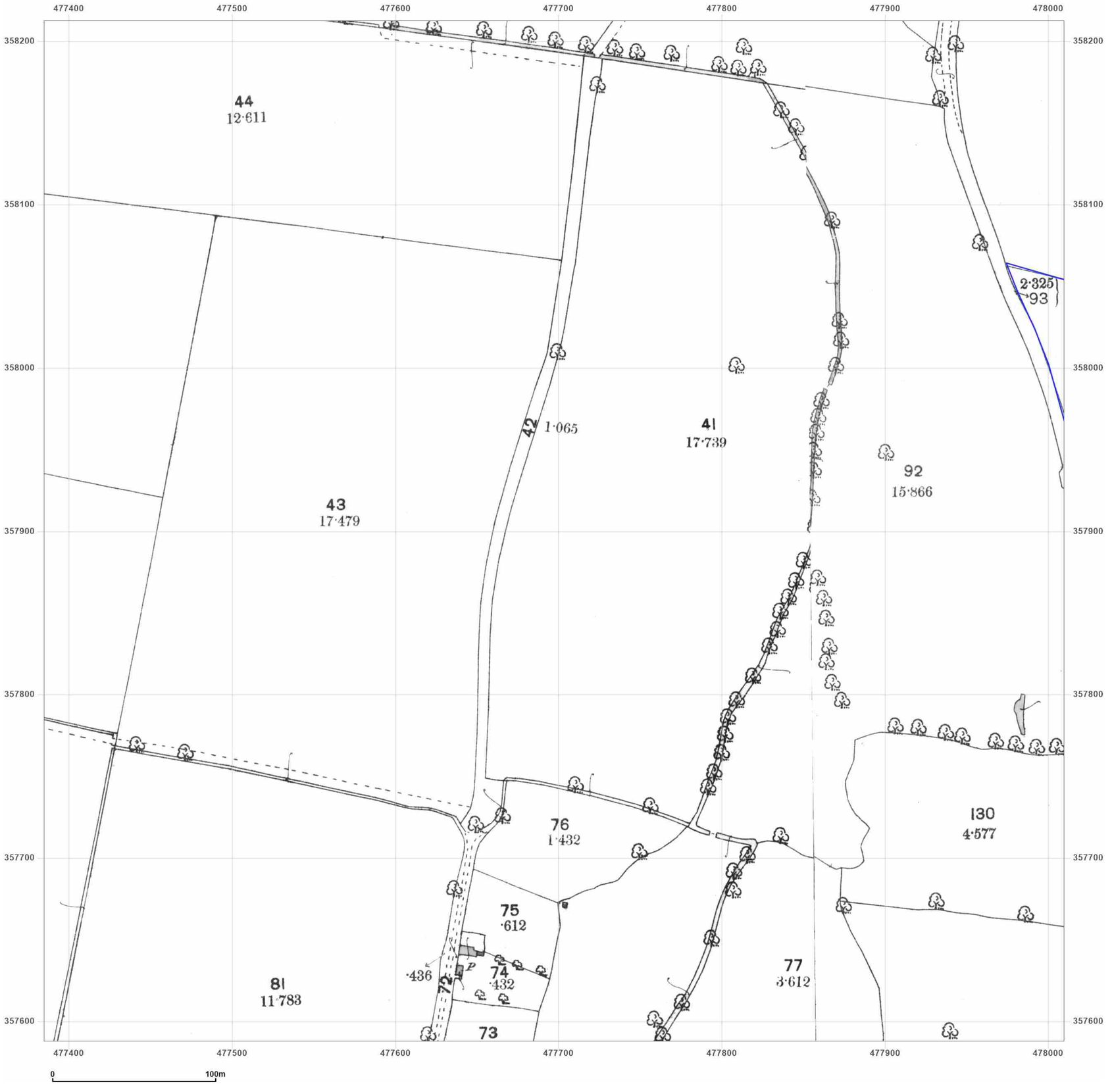
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: County Series

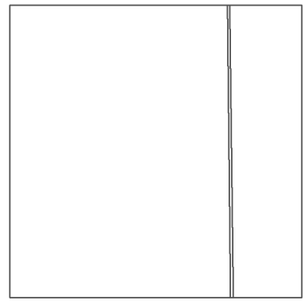
Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

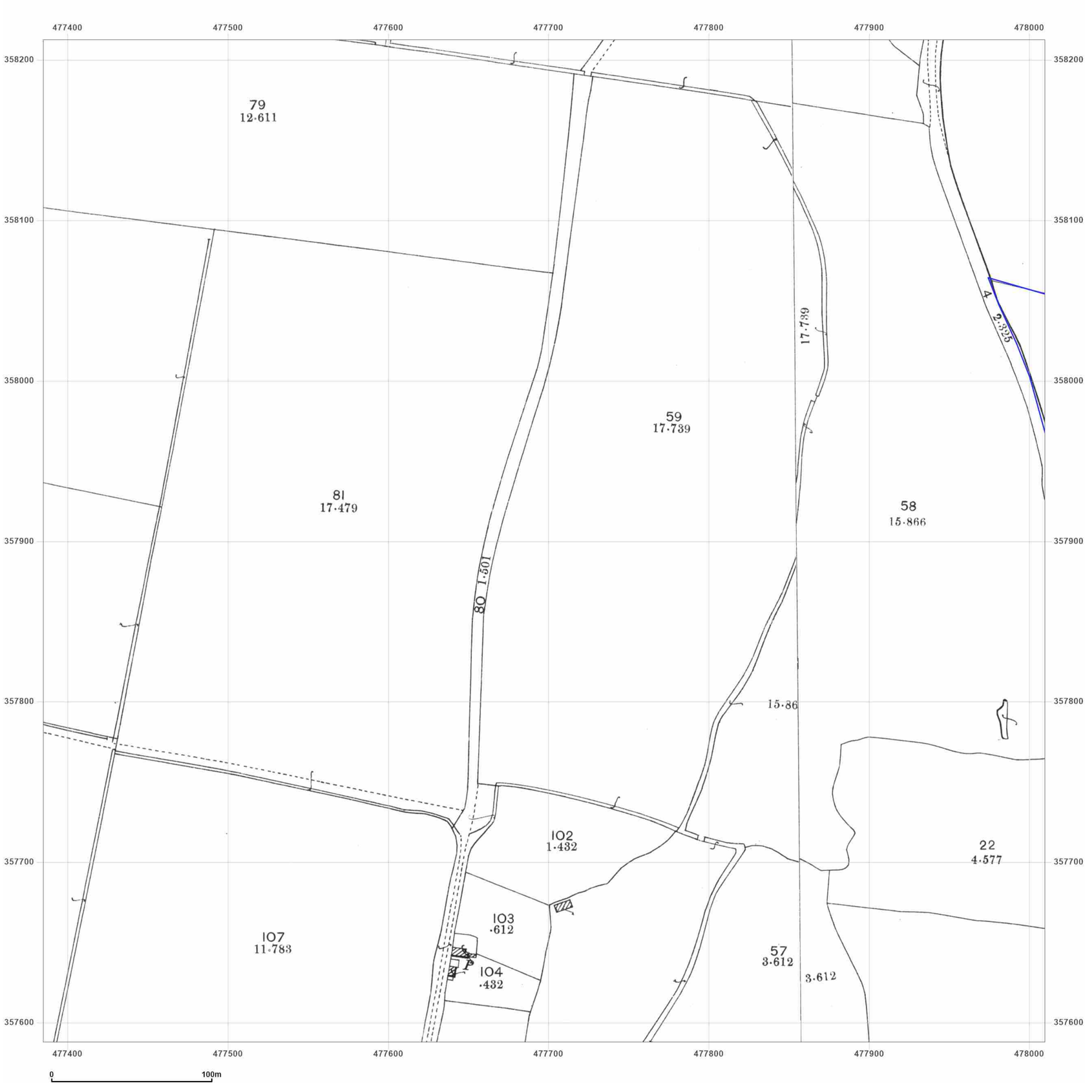
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: County Series

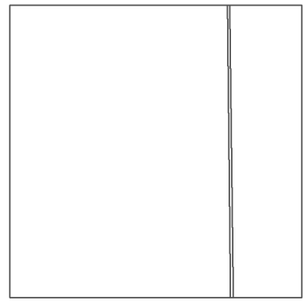
Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

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



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Revised 1900
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Copyright N/A
Levelled N/A

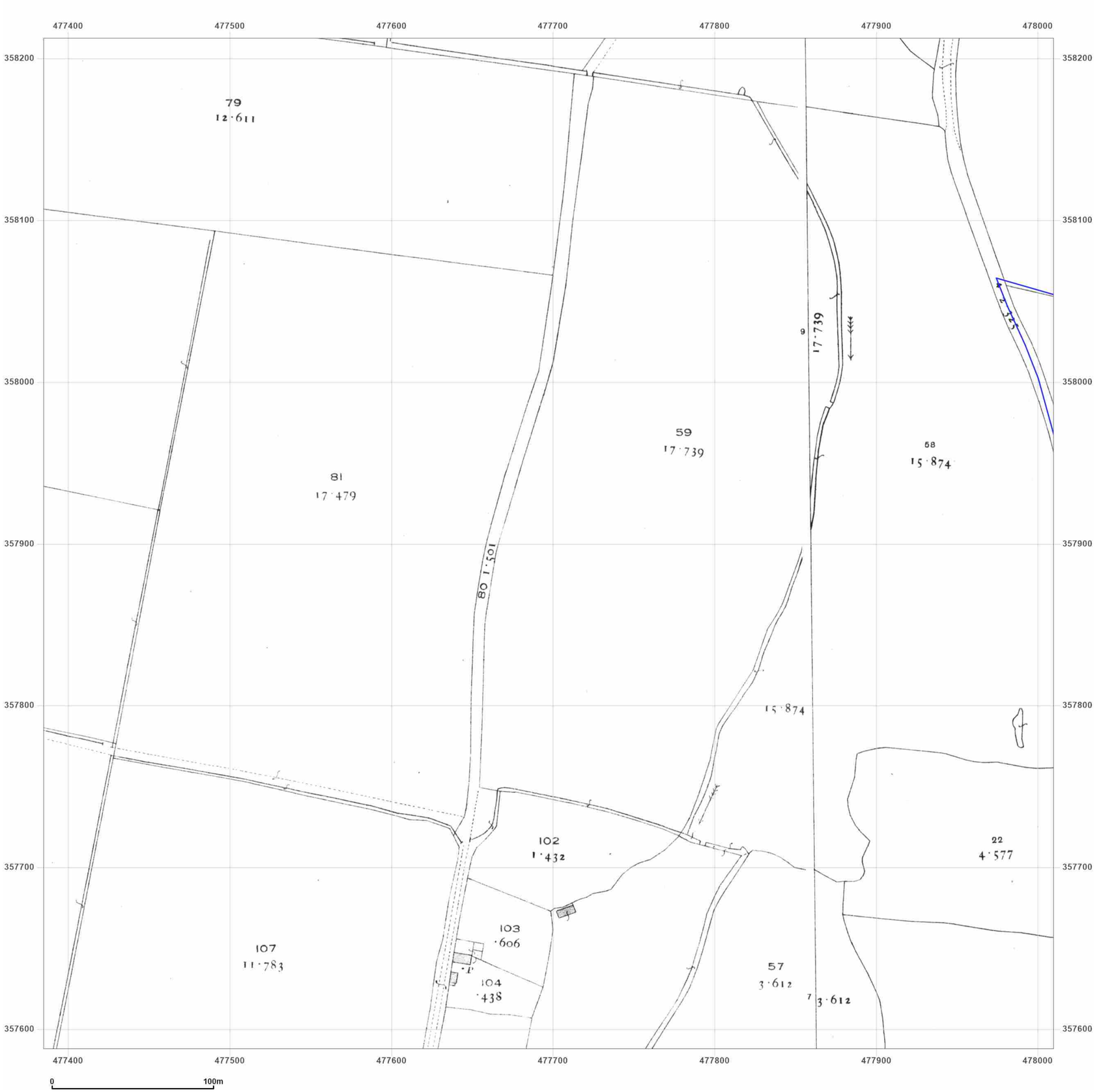
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: County Series

Map date: **1919**

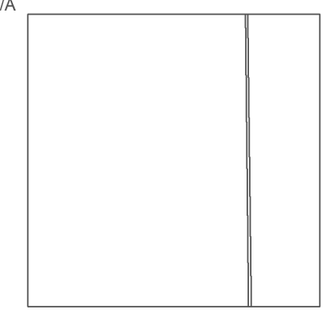
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N
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Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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



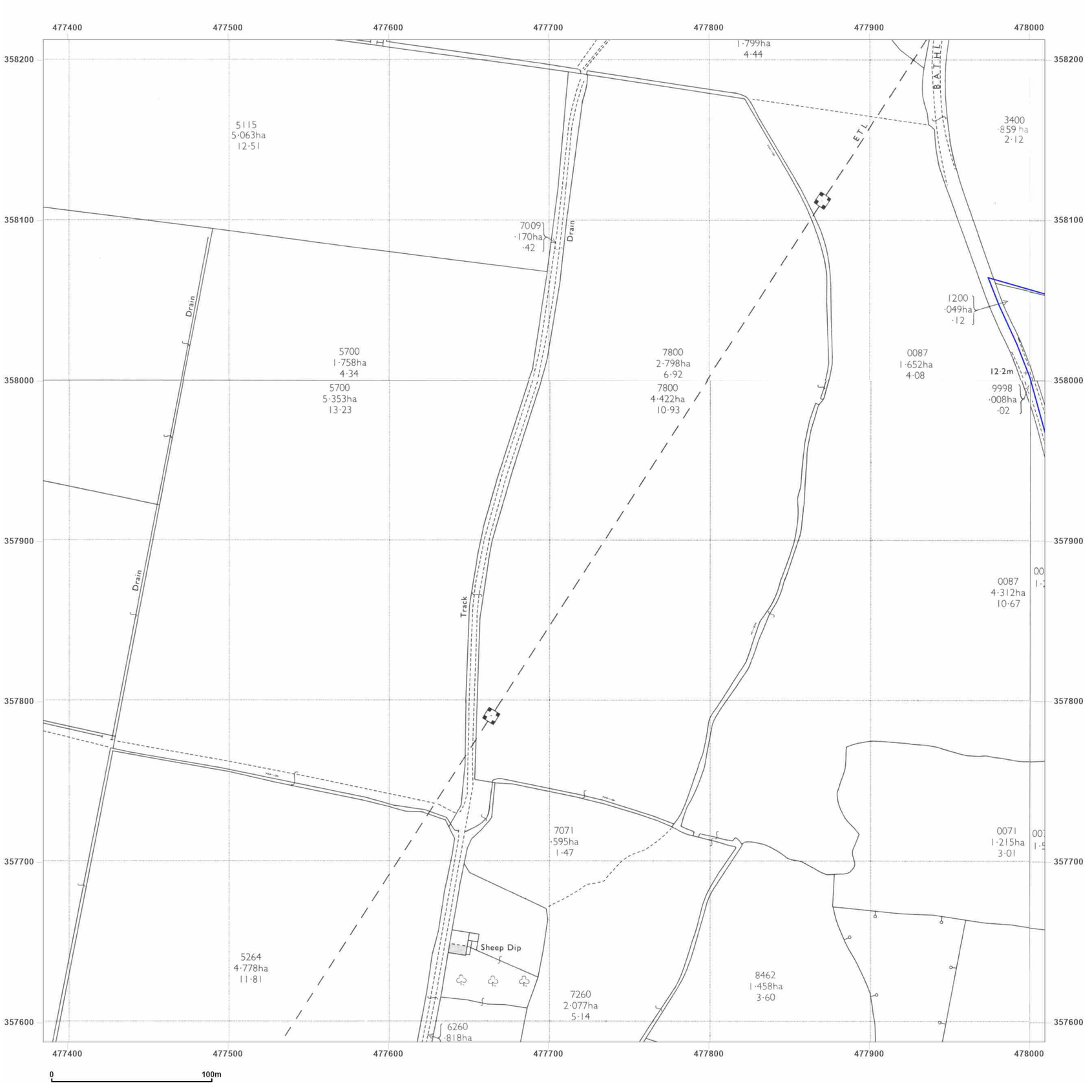
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: National Grid

Map date: **1969-1970**

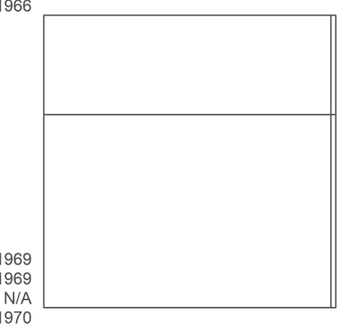
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N
W E
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Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966



Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1970
Levelled 1966

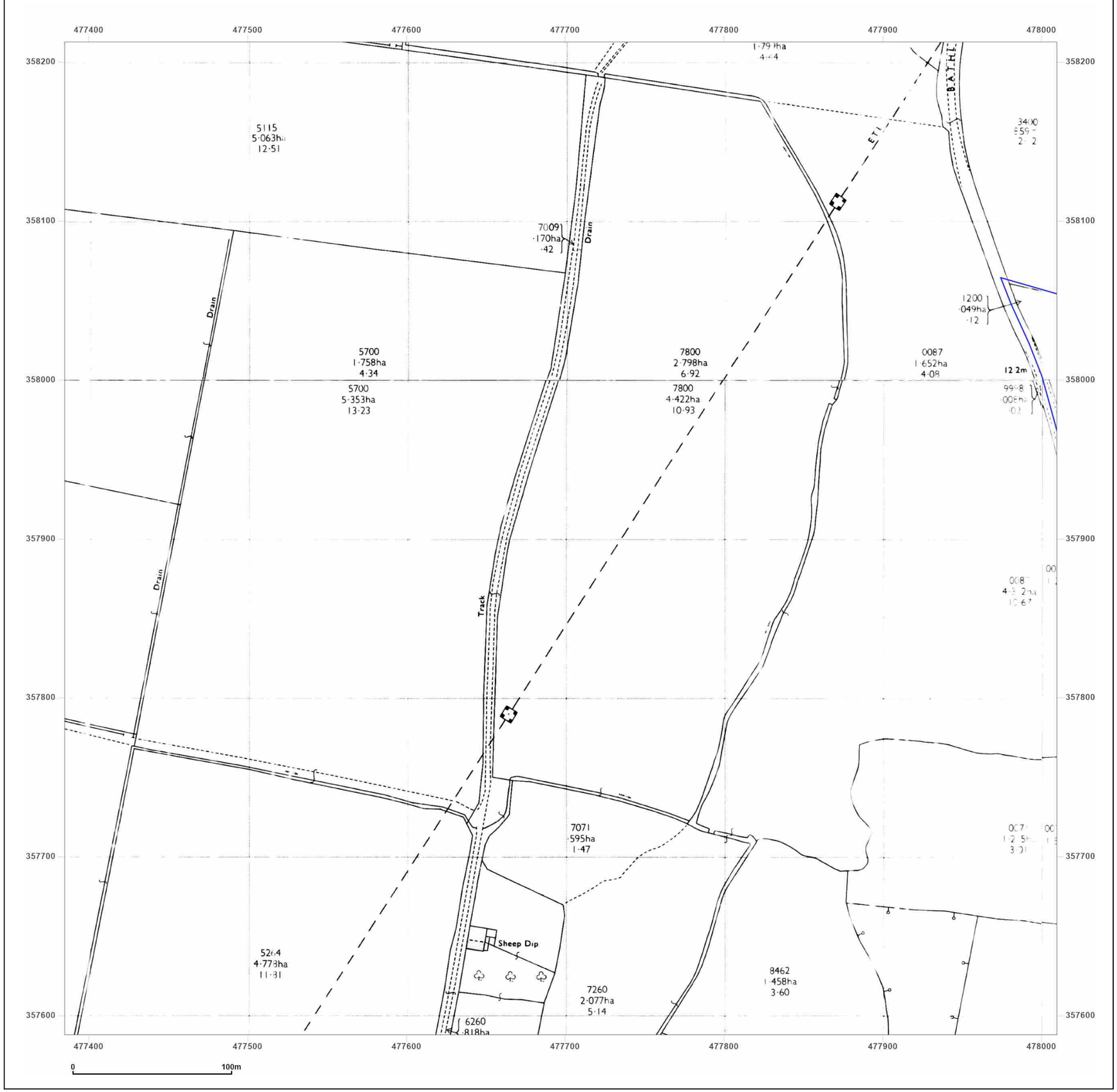
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

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

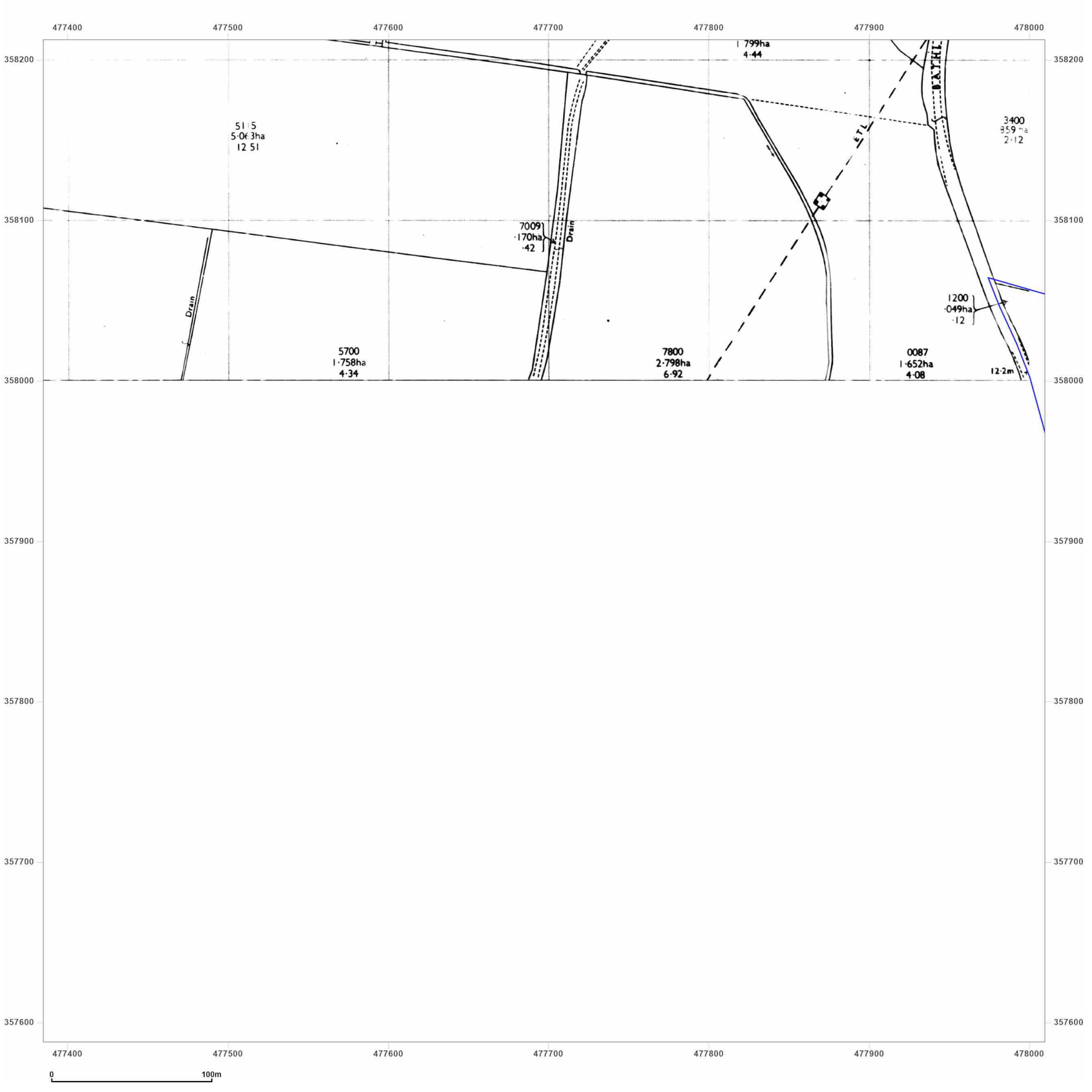
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: National Grid

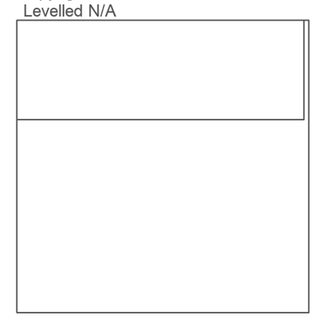
Map date: **1988**

Scale: 1:2,500

Printed at: 1:2,500

N
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S

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



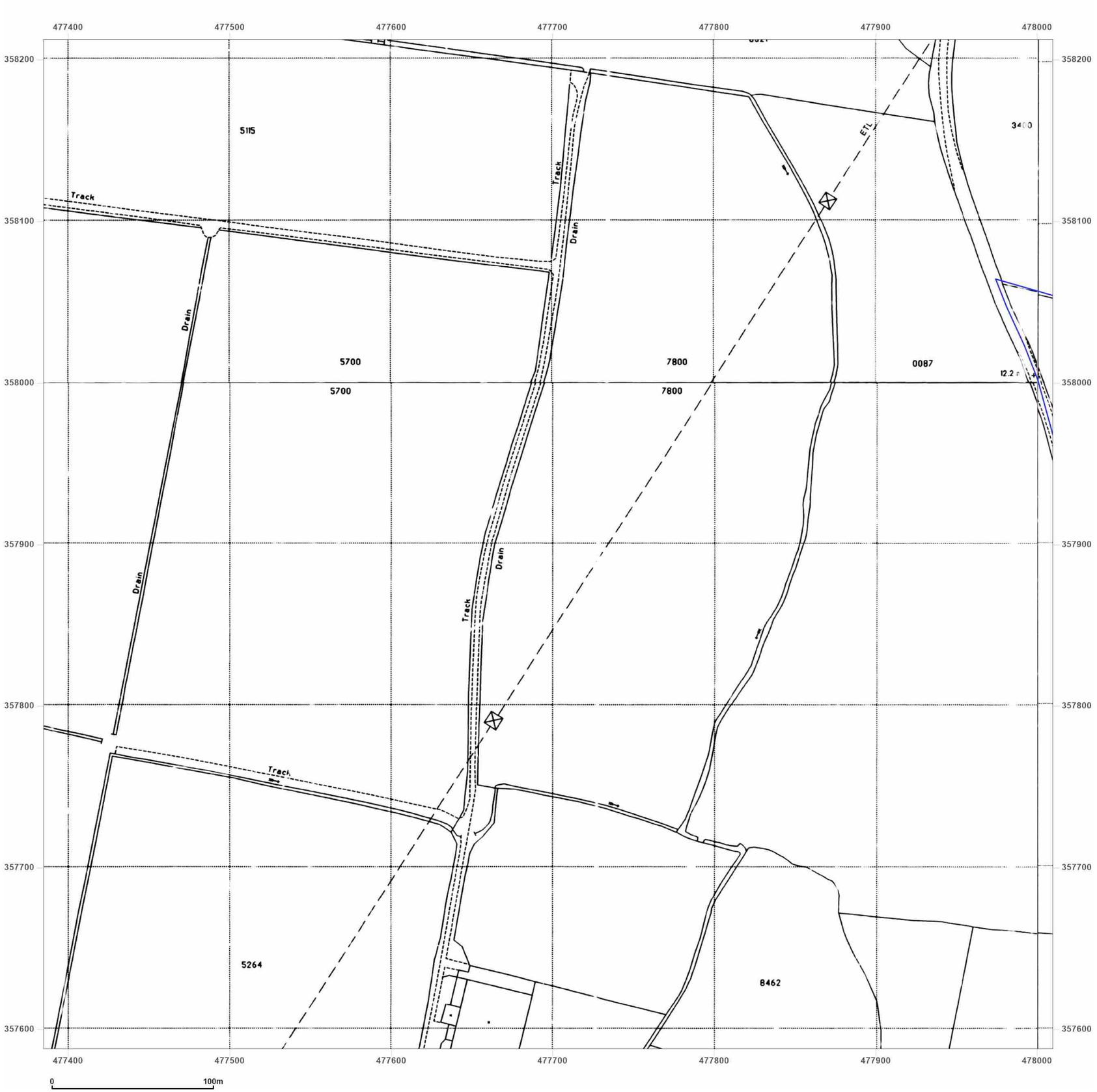
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_7_8
Grid Ref: 477697, 357900

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

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

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Revised N/A
Edition N/A
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Levelled N/A

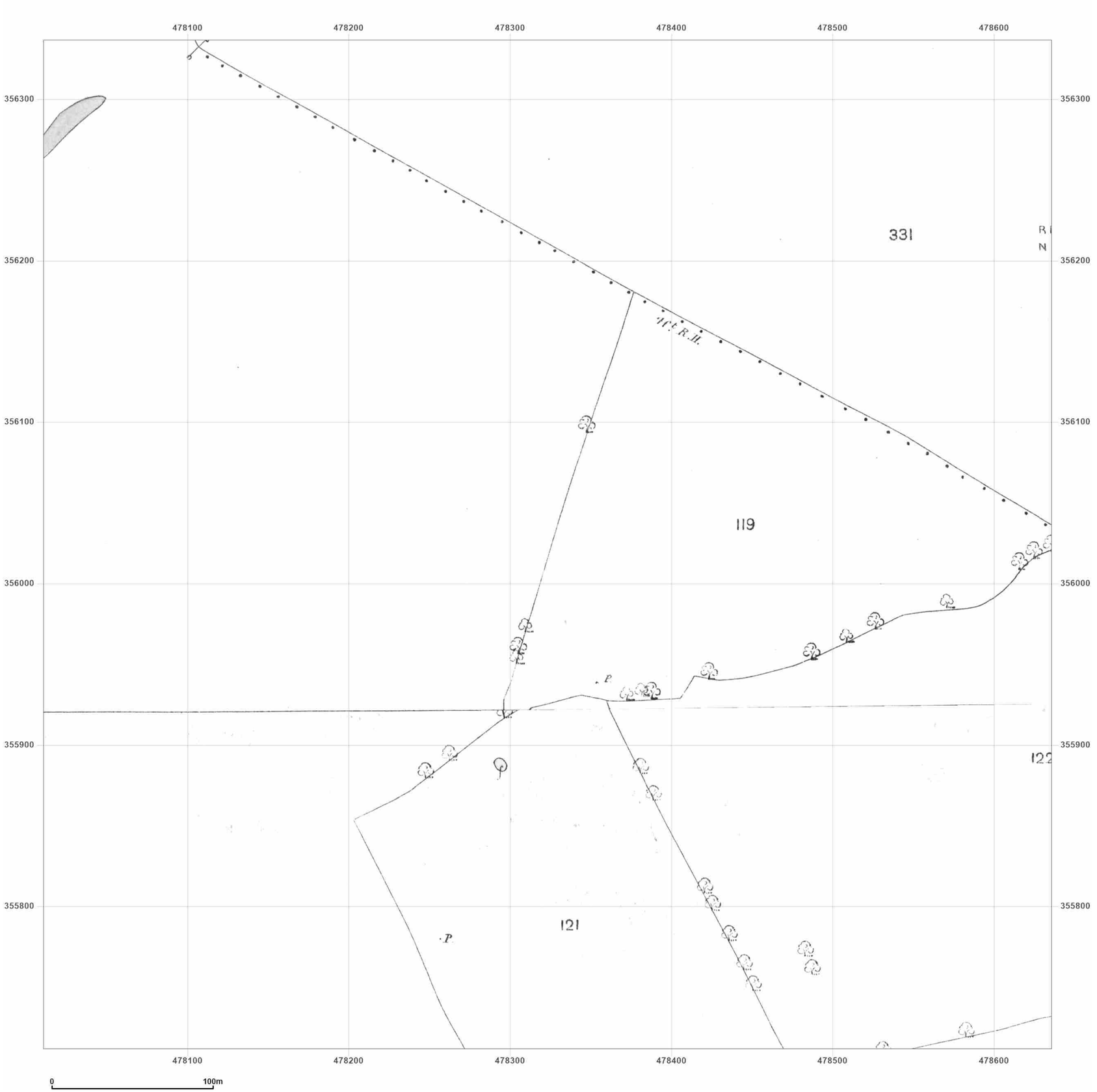
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_5
Grid Ref: 478323, 356024

Map Name: County Series

Map date: **1885-1886**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

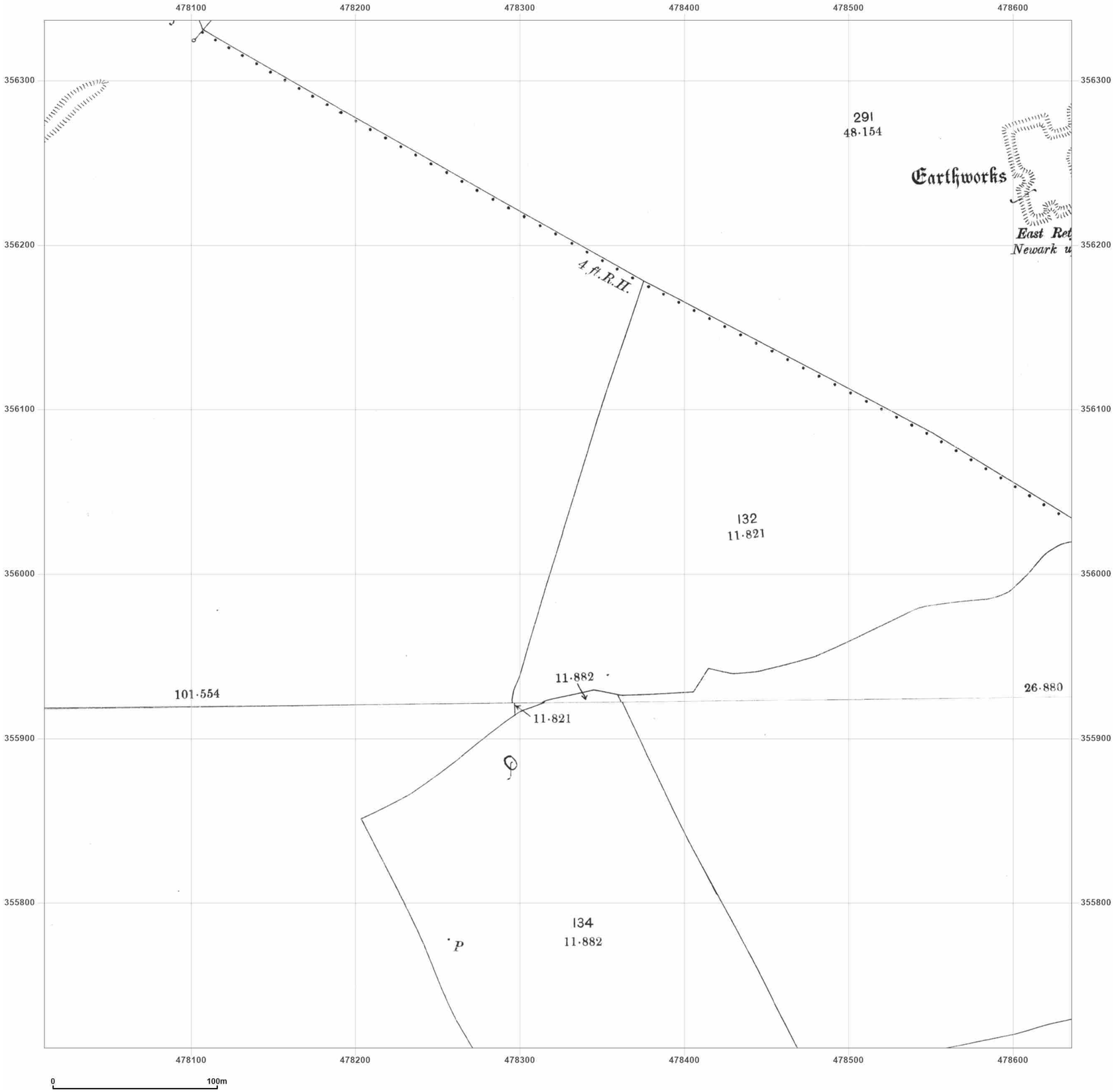
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_5
Grid Ref: 478323, 356024

Map Name: County Series

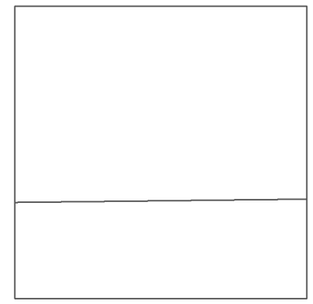
Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



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

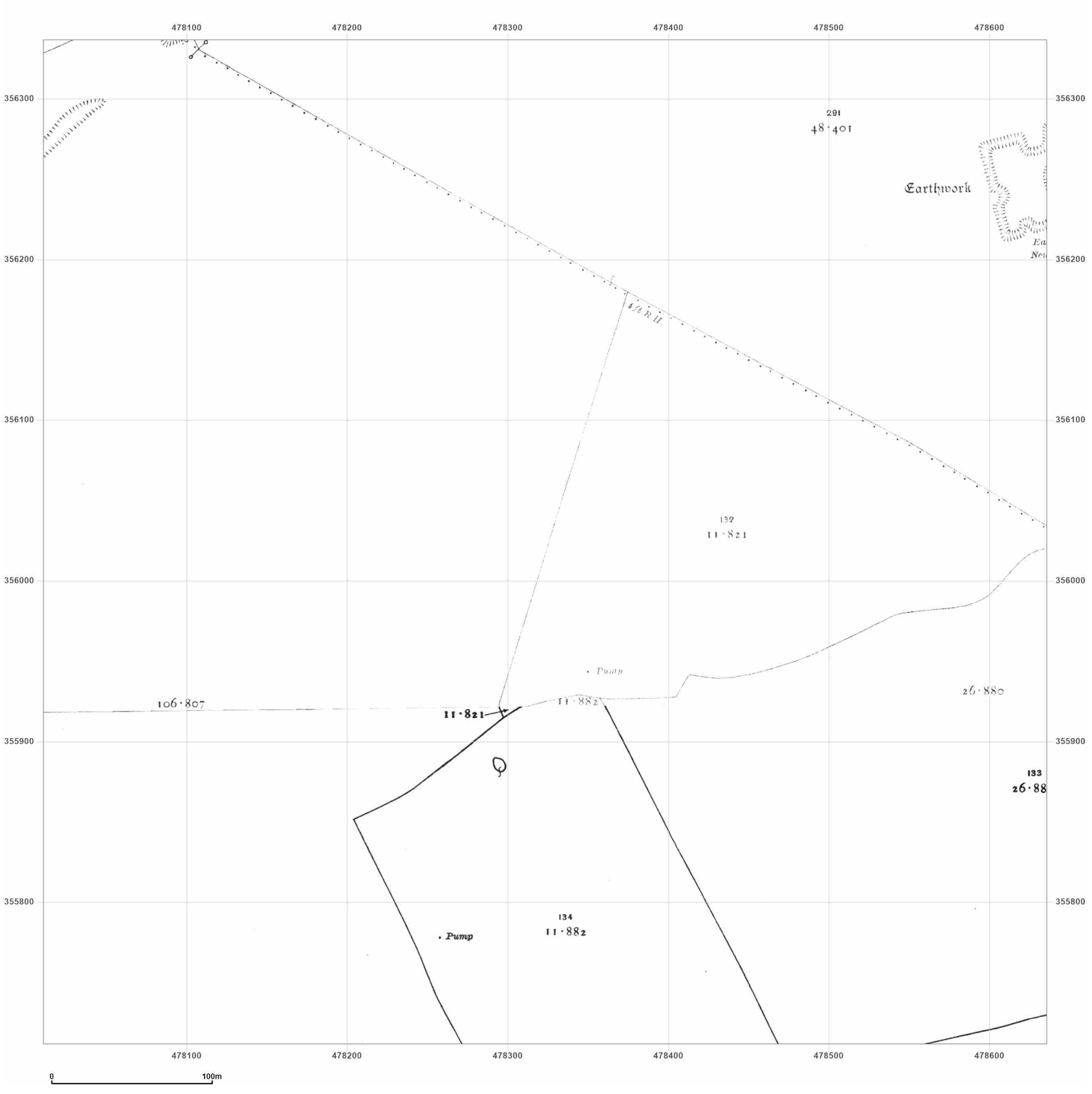
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_5
Grid Ref: 478323, 356024

Map Name: County Series

Map date: **1919-1920**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1920
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

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

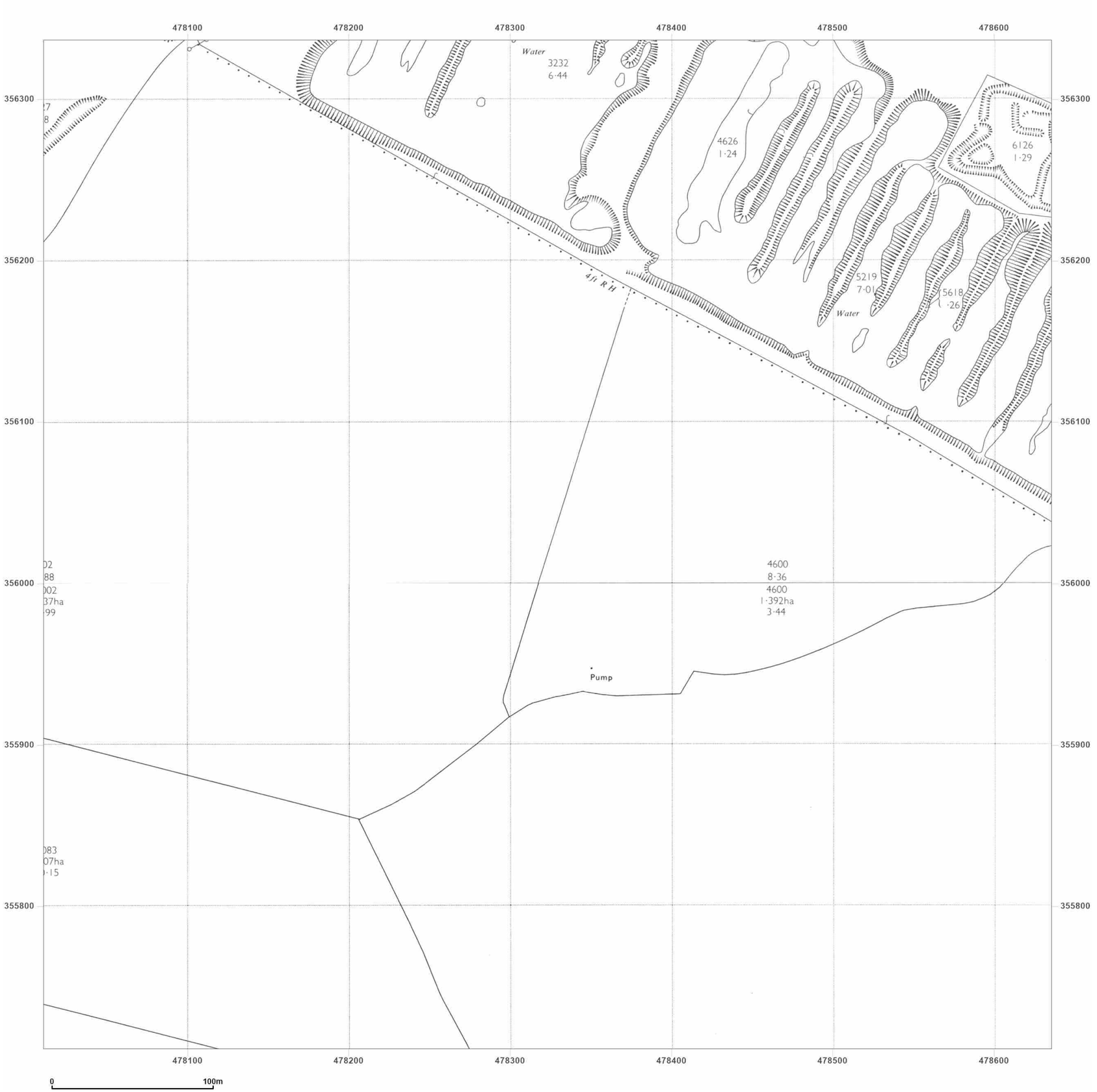
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_5
Grid Ref: 478323, 356024

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

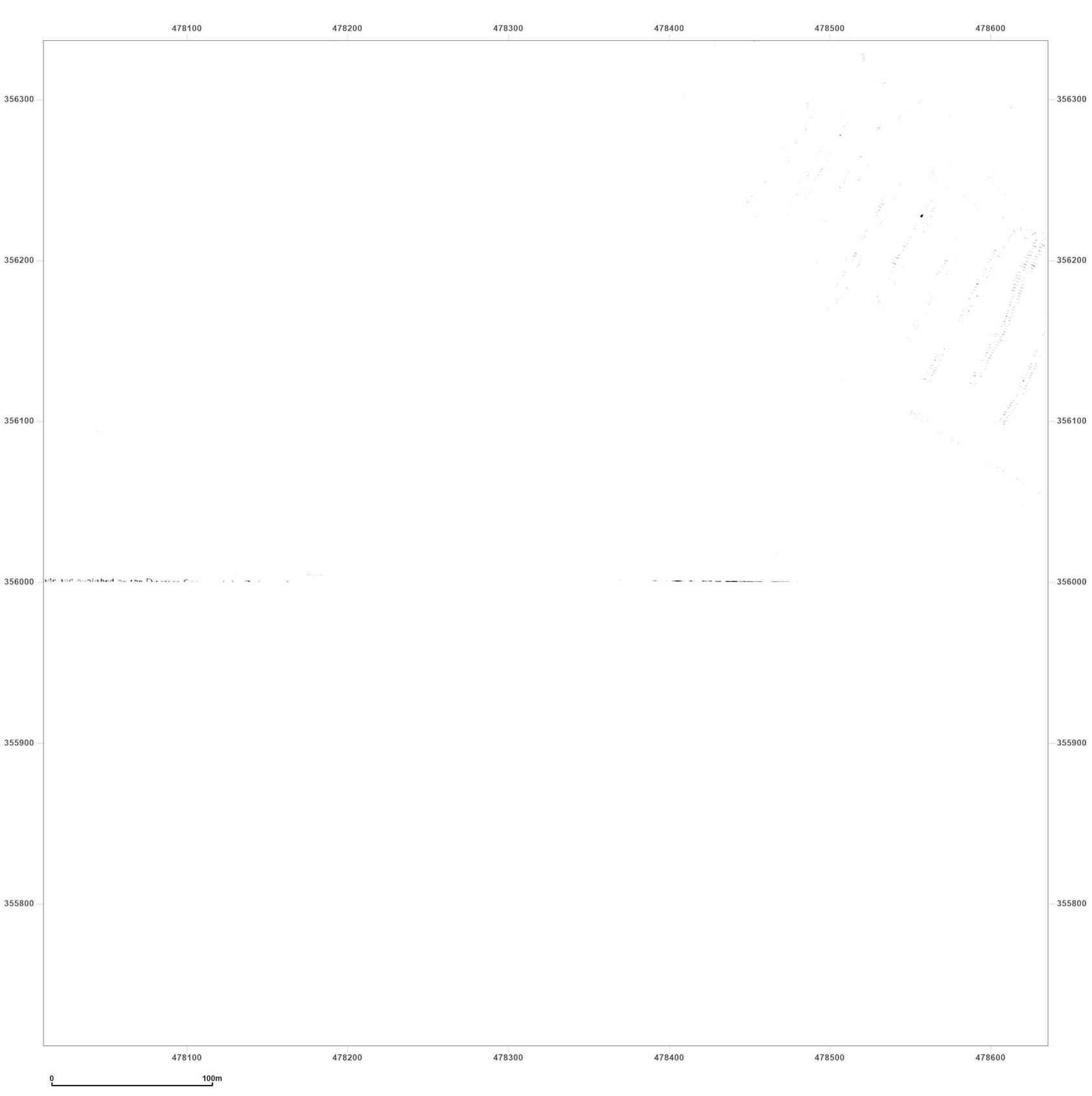
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_5
Grid Ref: 478323, 356024

Map Name: National Grid

Map date: **1974**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

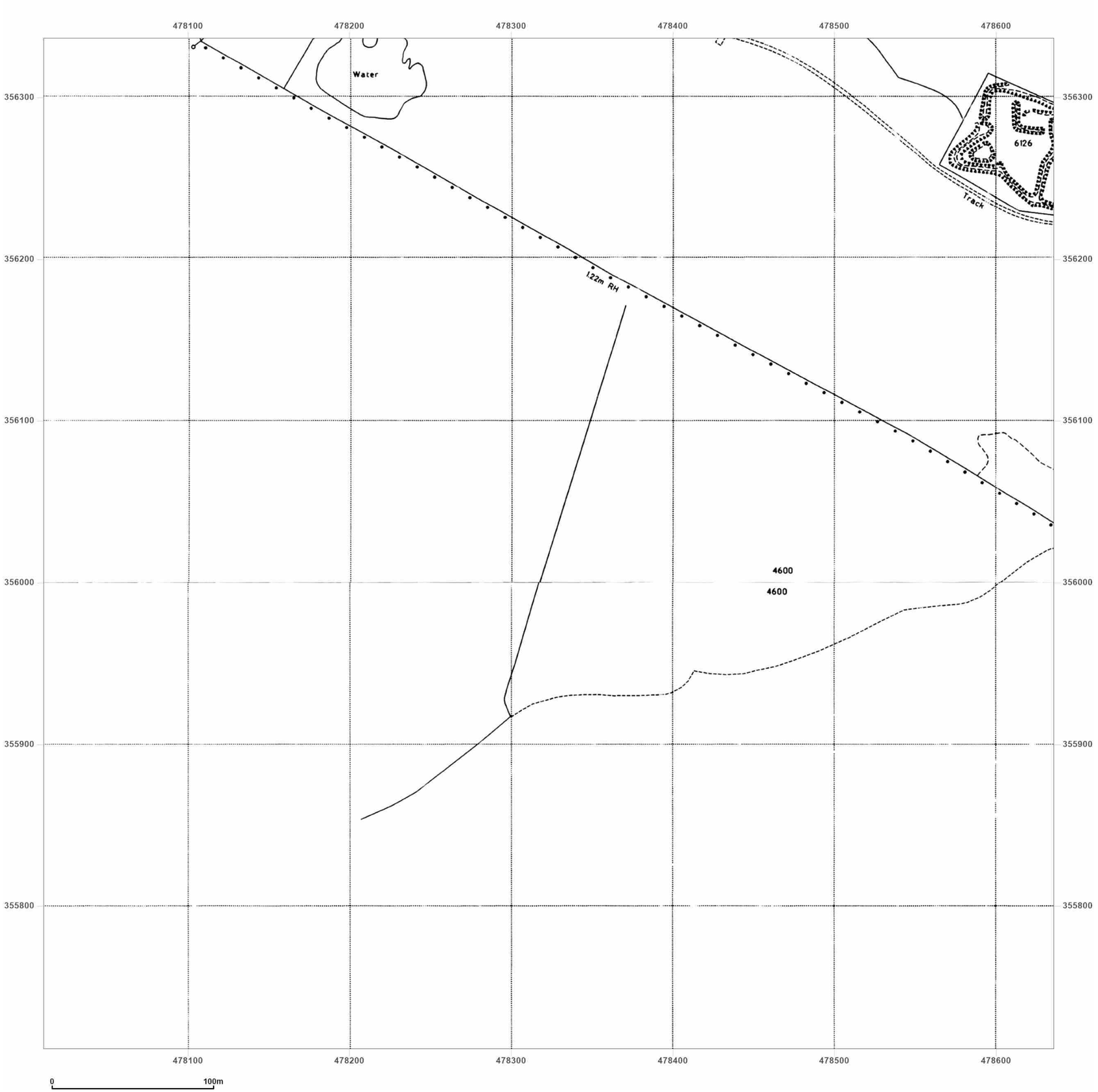
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_5
Grid Ref: 478323, 356024

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

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

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

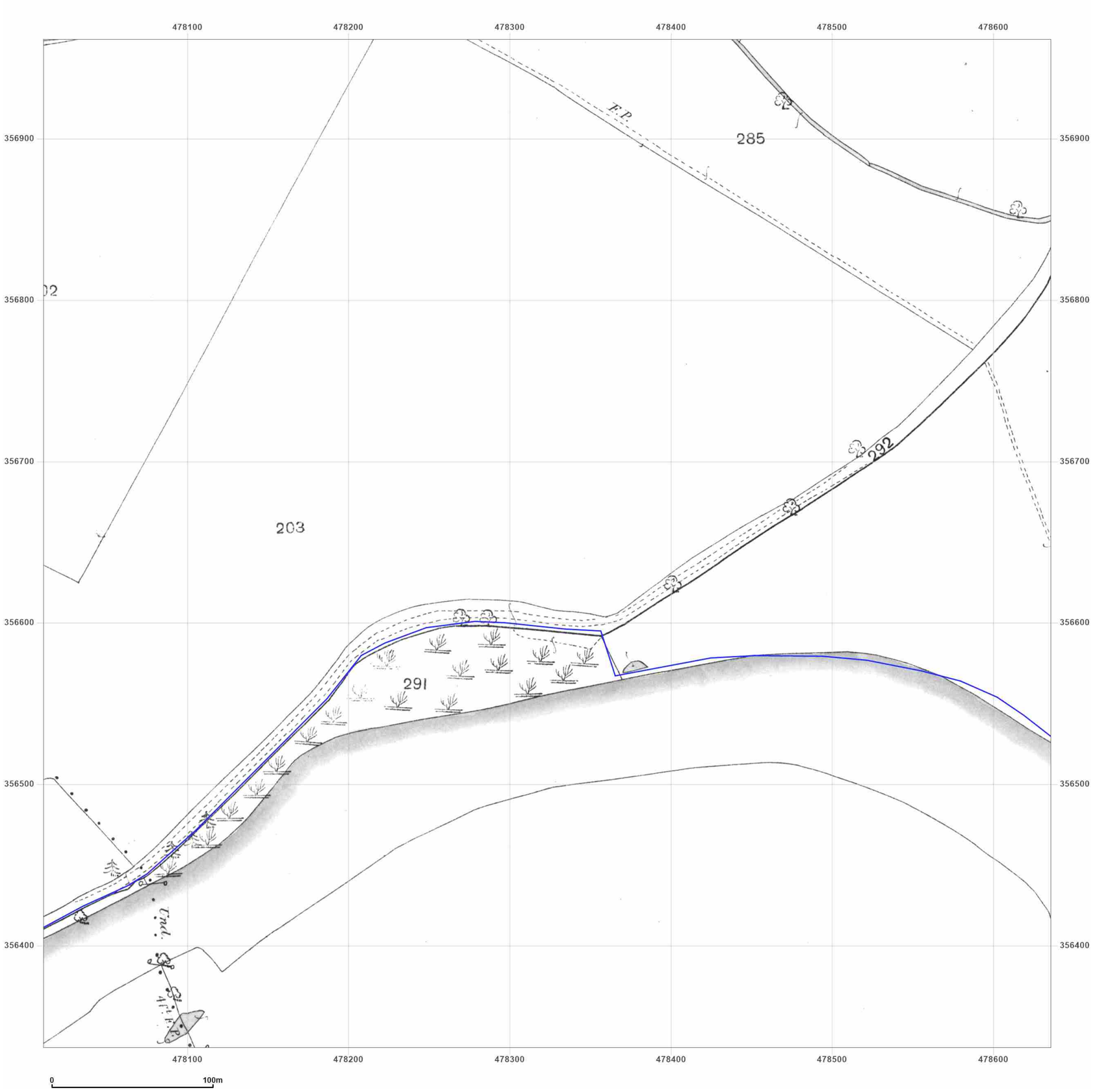
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_6
Grid Ref: 478323, 356649

Map Name: County Series

Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

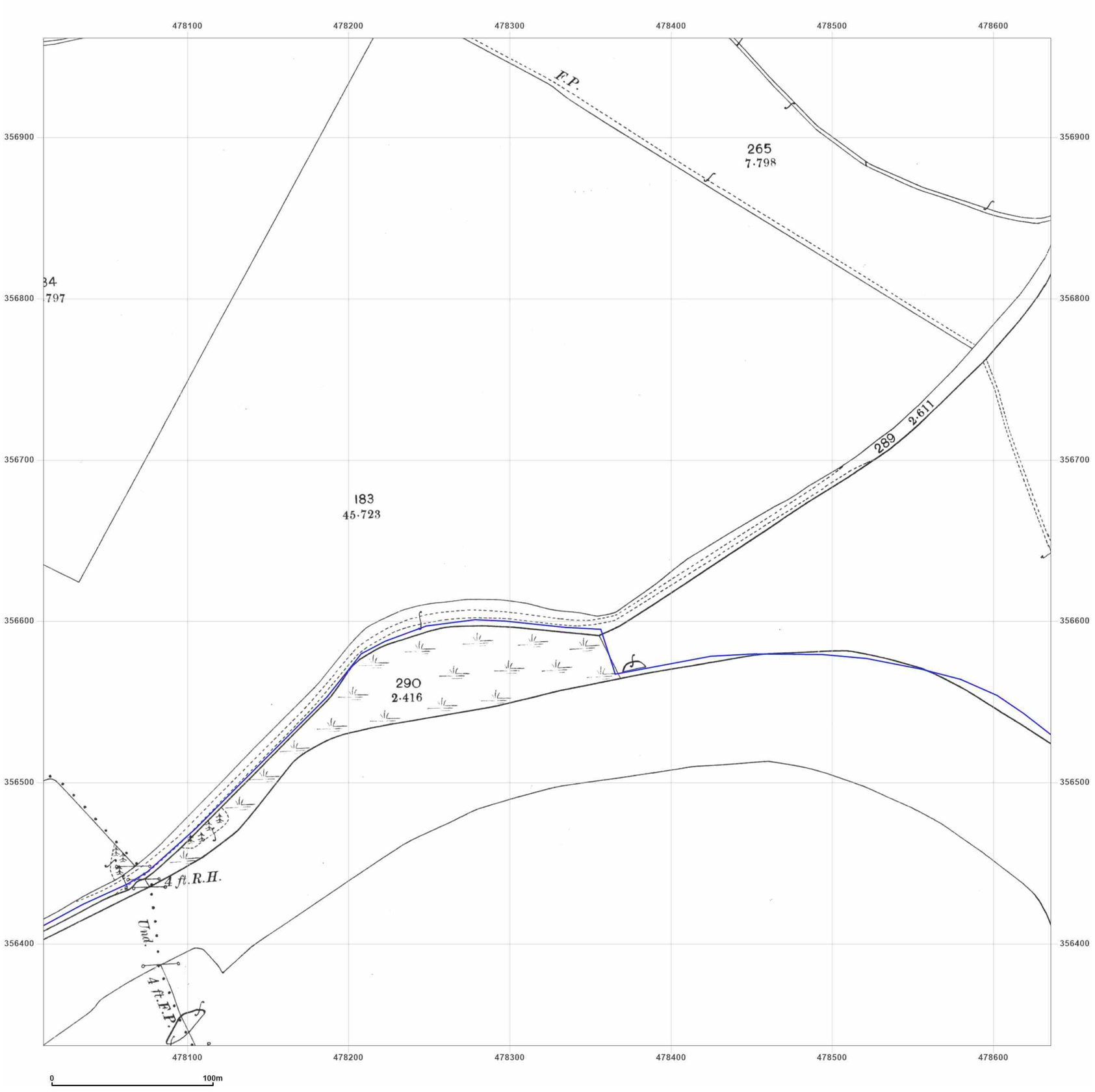
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_6
Grid Ref: 478323, 356649

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

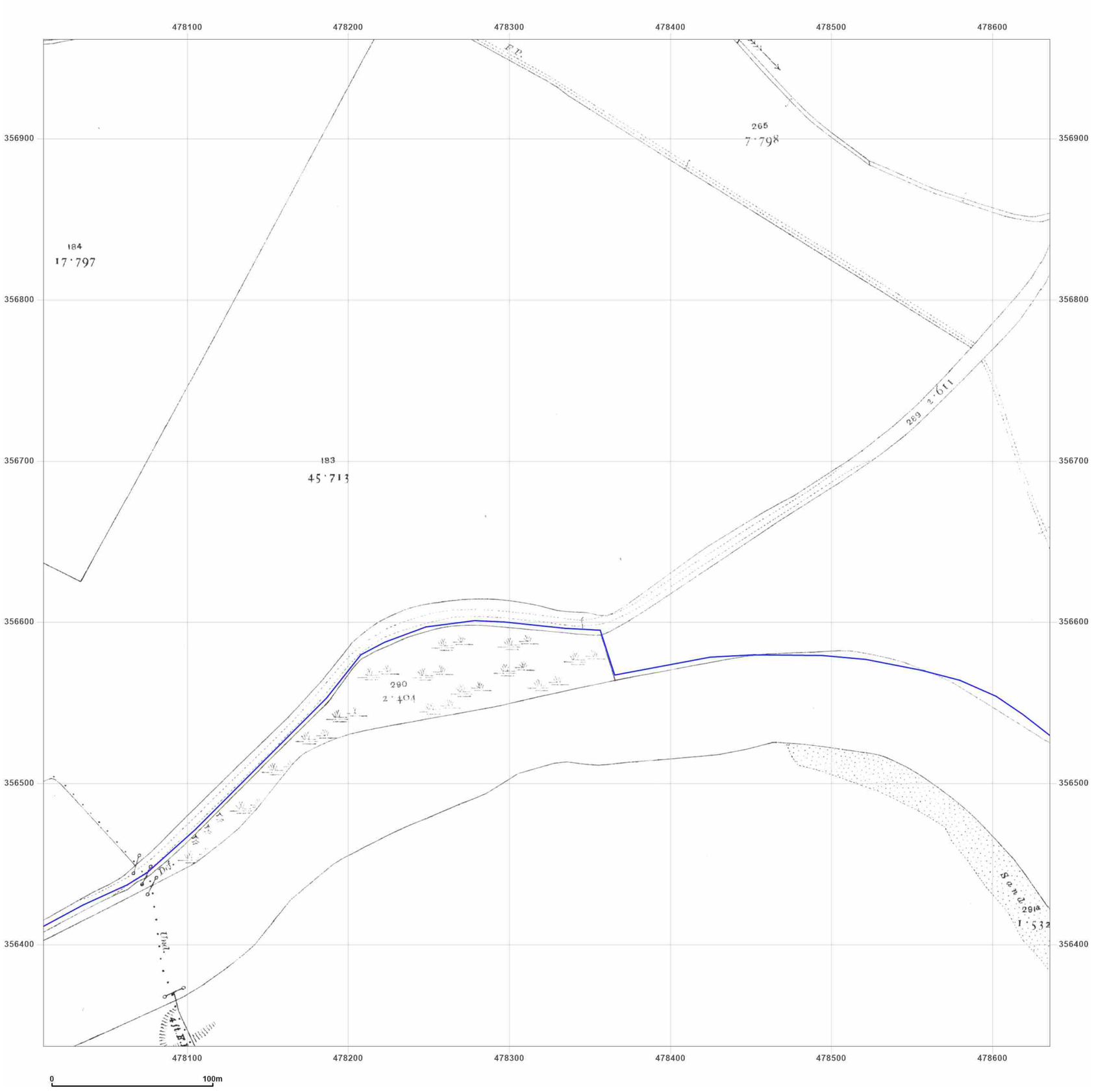
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_6
Grid Ref: 478323, 356649

Map Name: County Series

Map date: **1920**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1920
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

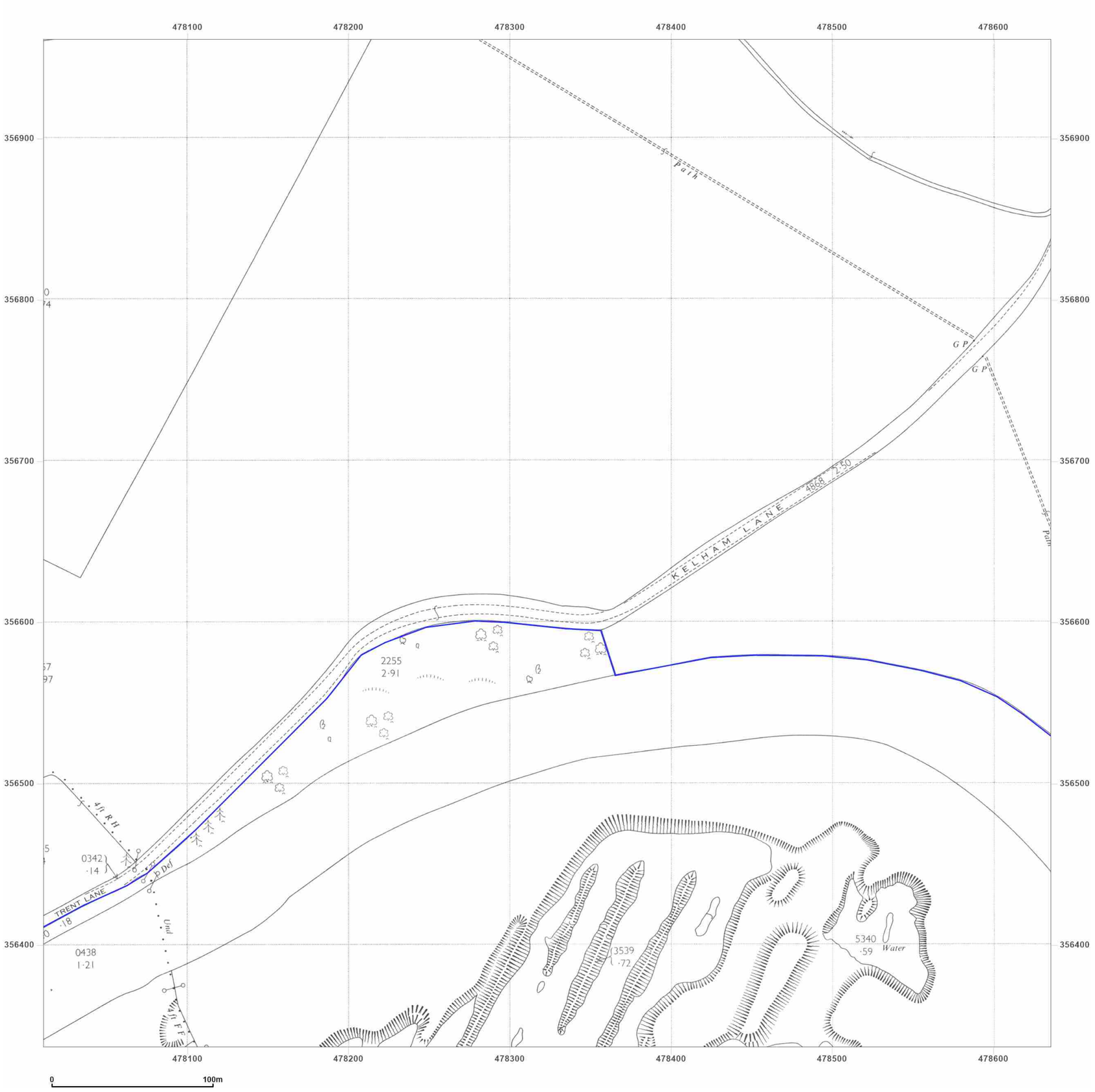
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_6
Grid Ref: 478323, 356649

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

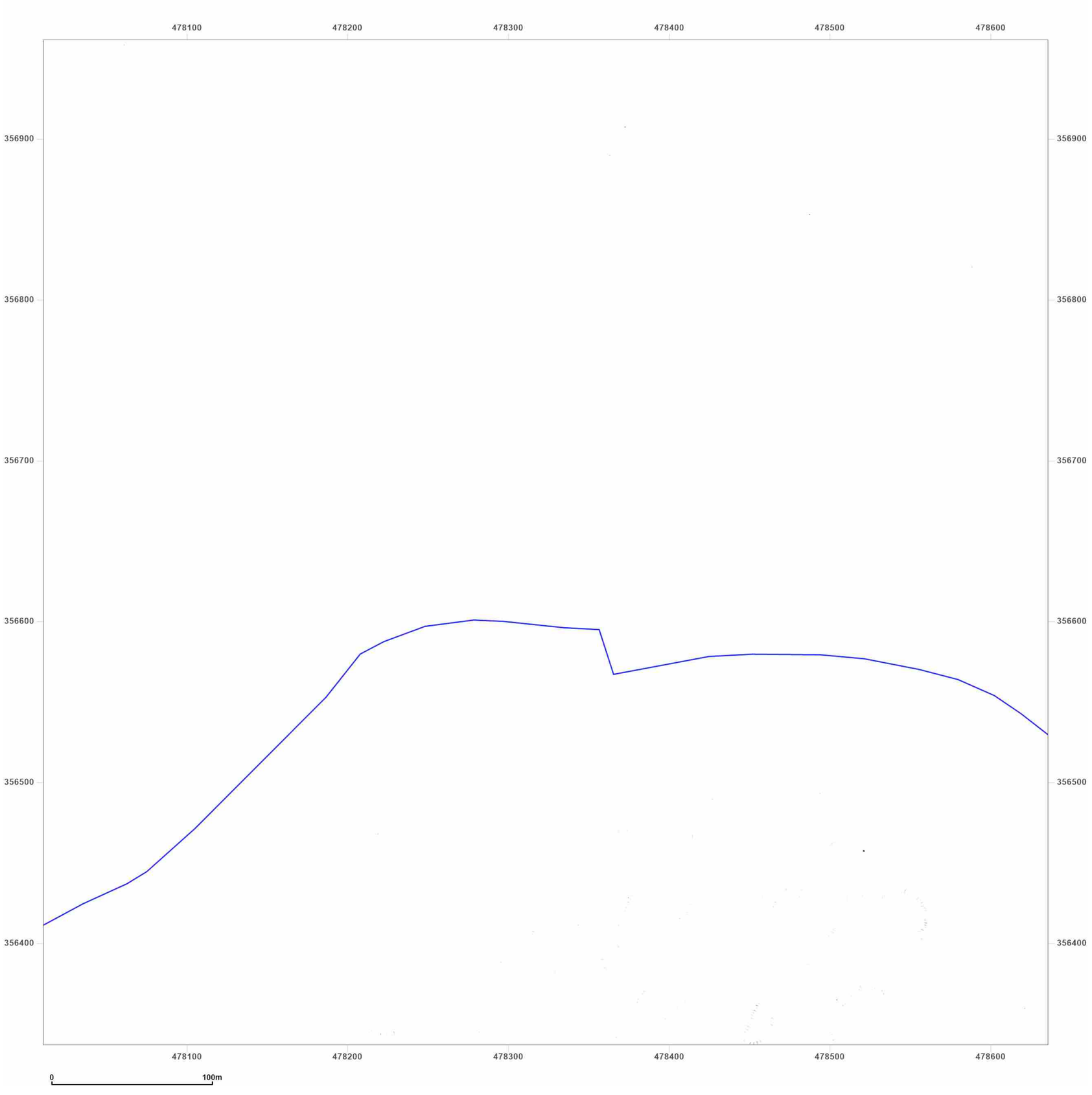
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_6
Grid Ref: 478323, 356649

Map Name: National Grid

Map date: **1974**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

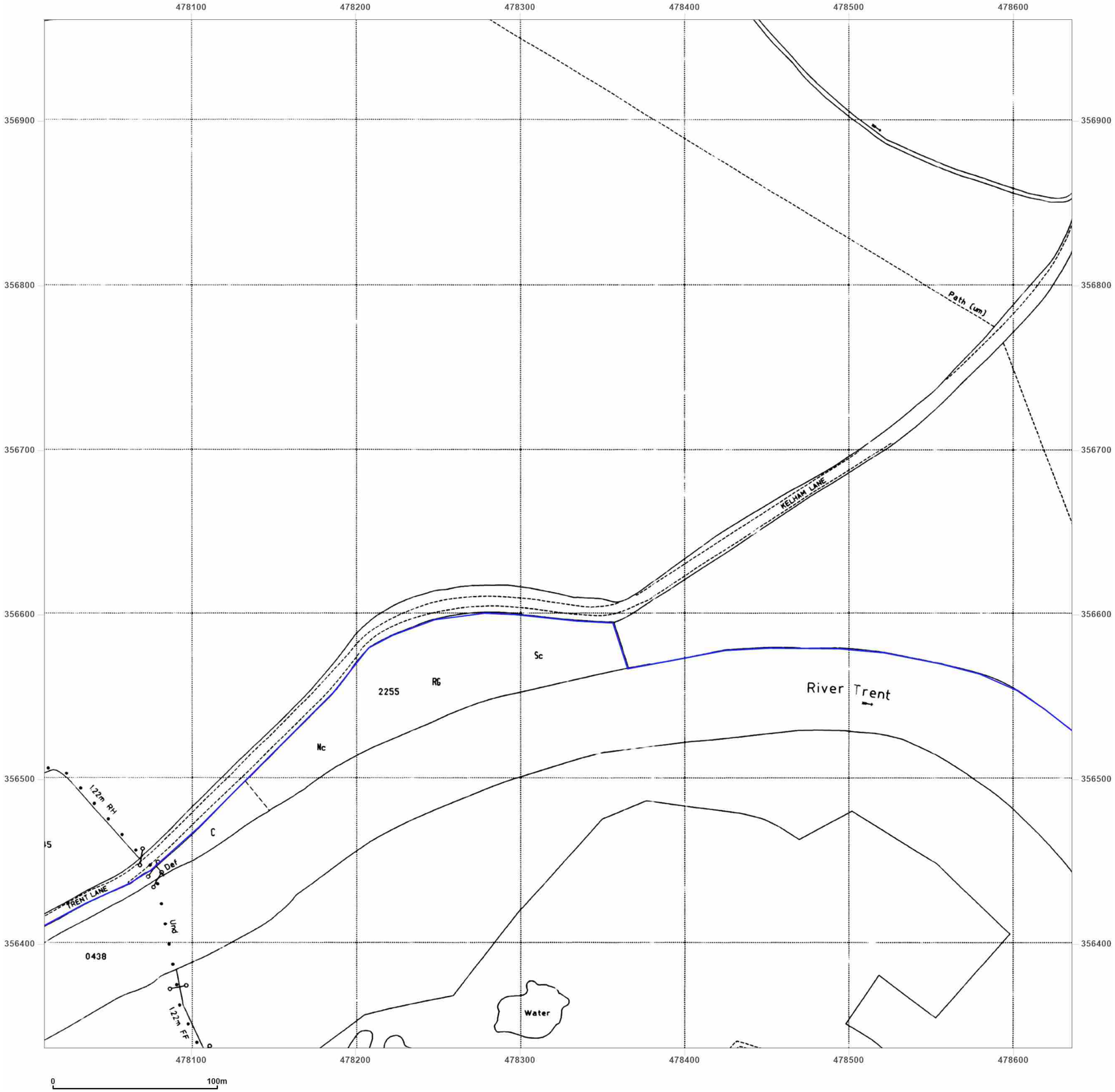
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_6
Grid Ref: 478323, 356649

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

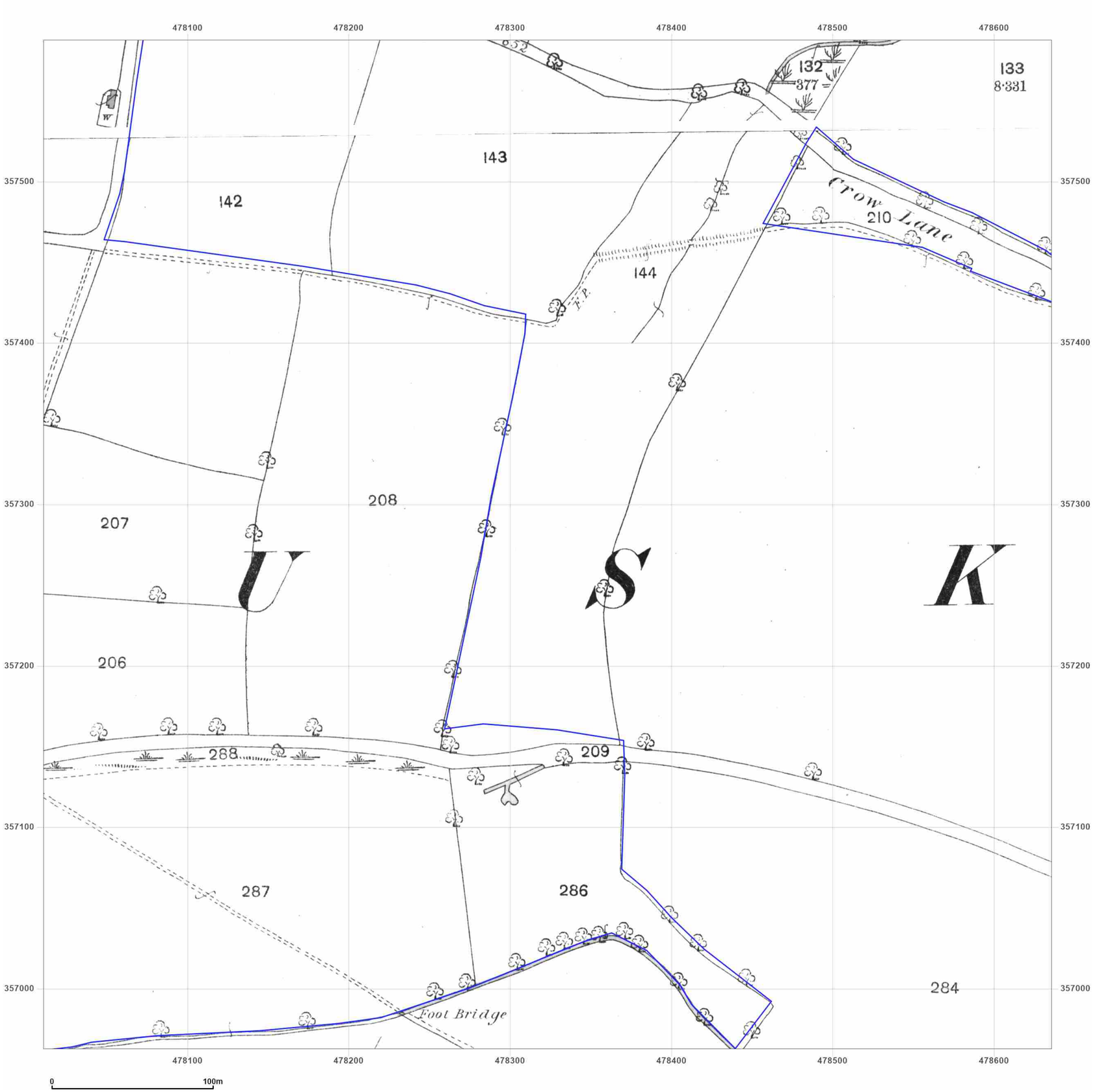
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_7
Grid Ref: 478323, 357275

Map Name: County Series

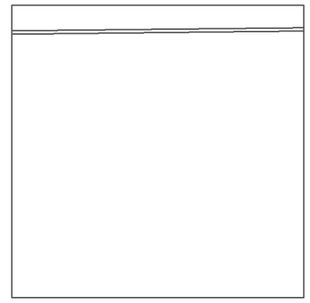
Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

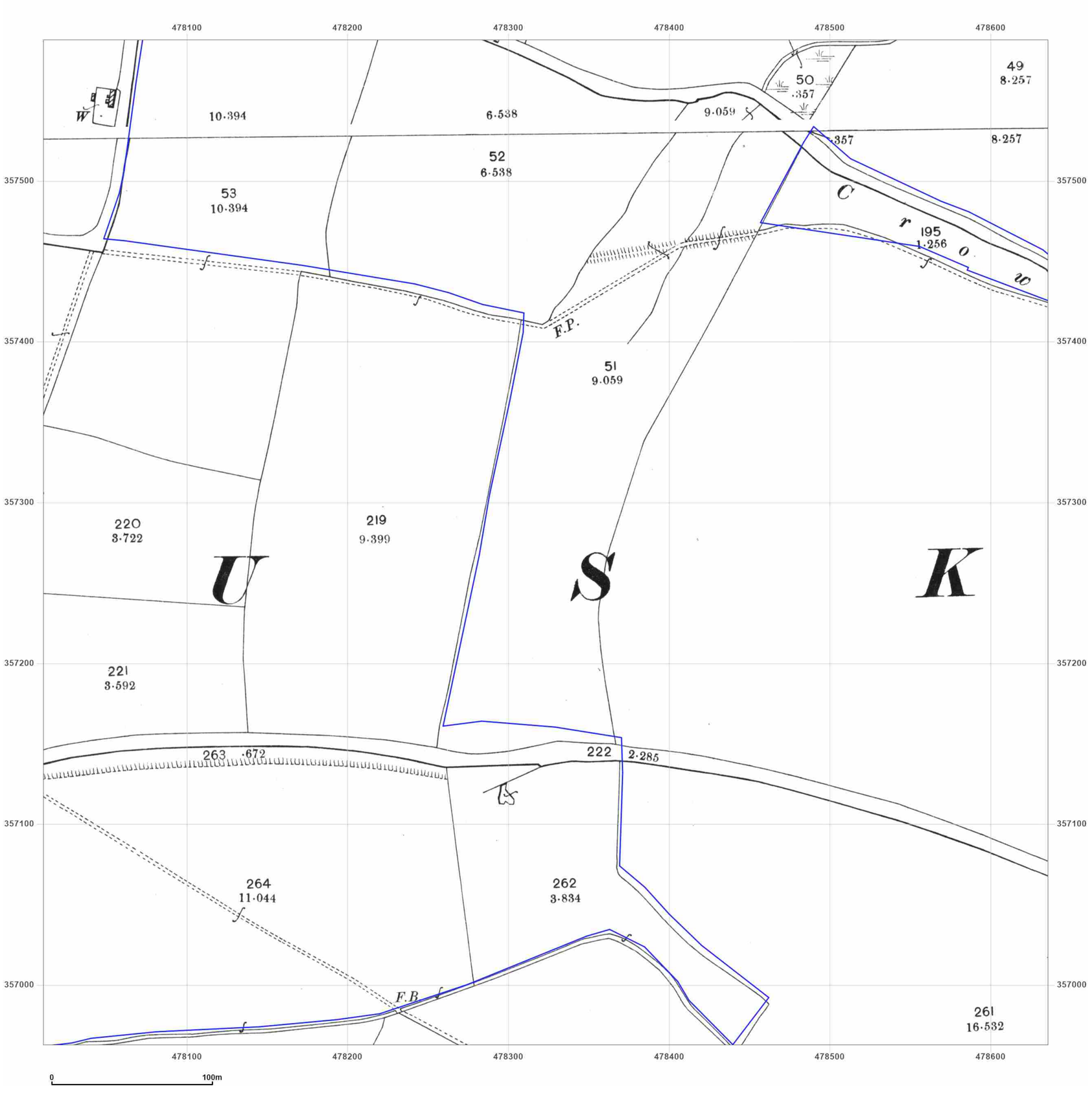
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_7
Grid Ref: 478323, 357275

Map Name: County Series

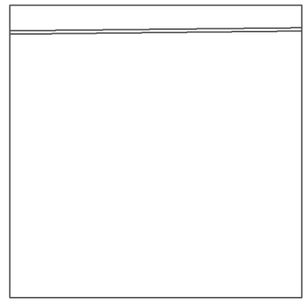
Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



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

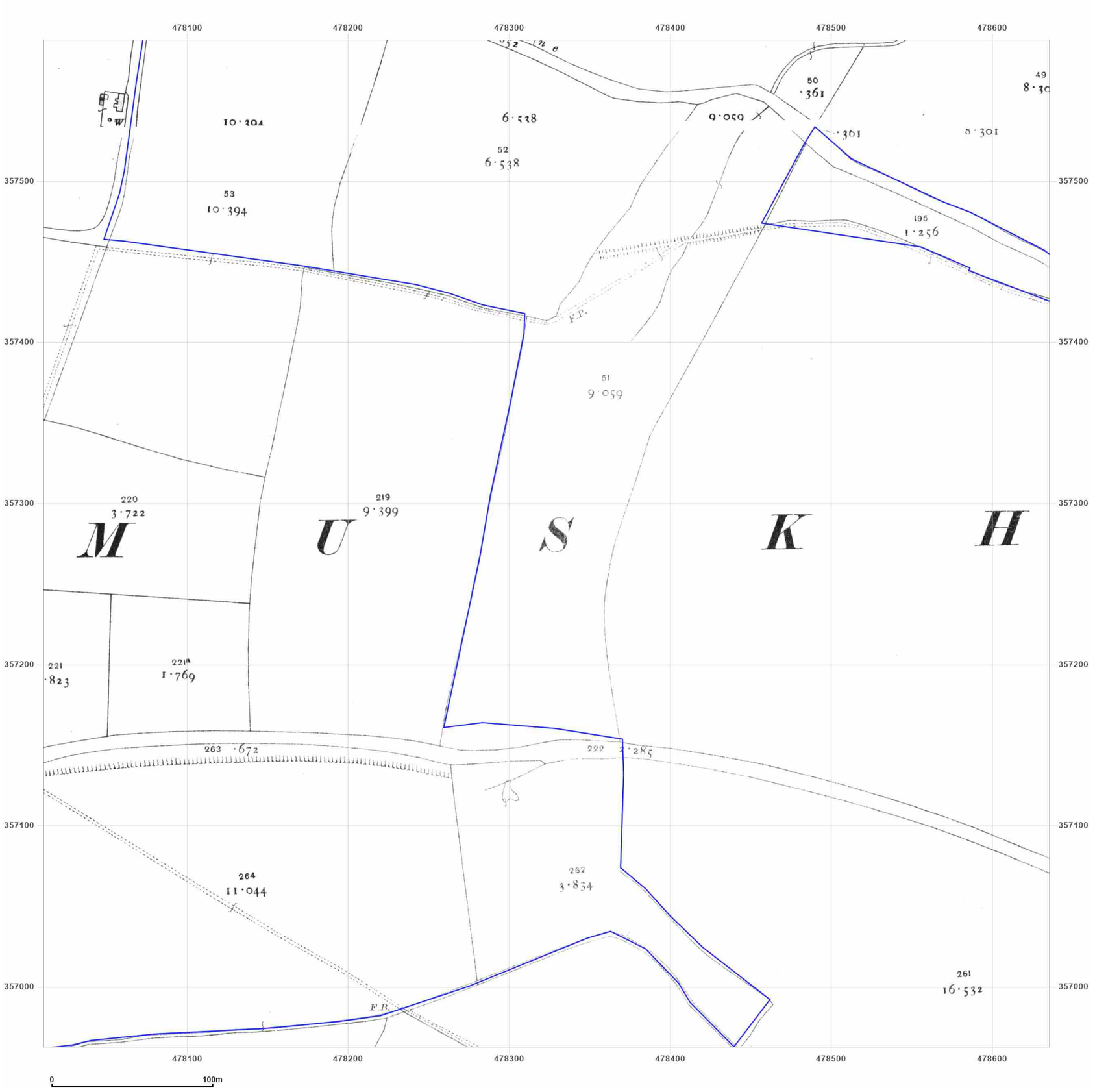
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W: [redacted]

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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_LS_8_7
Grid Ref: 478323, 357275

Map Name: County Series

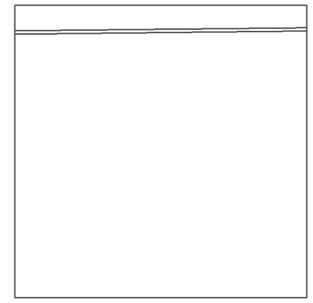
Map date: **1919-1920**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



Surveyed 1920
Revised 1920
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_LS_8_7
Grid Ref: 478323, 357275

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

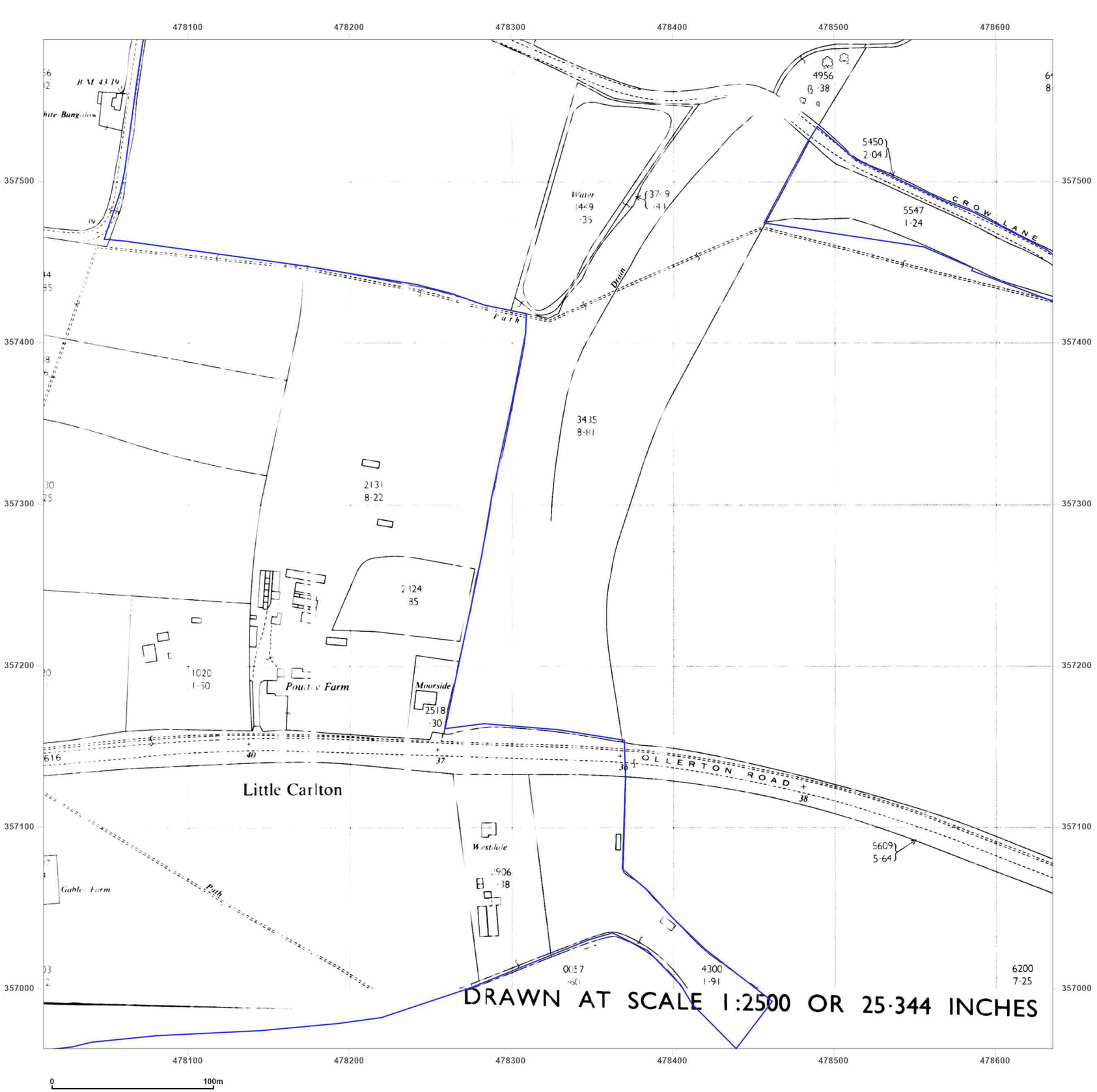
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_7
Grid Ref: 478323, 357275

Map Name: National Grid

Map date: **1970-1974**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

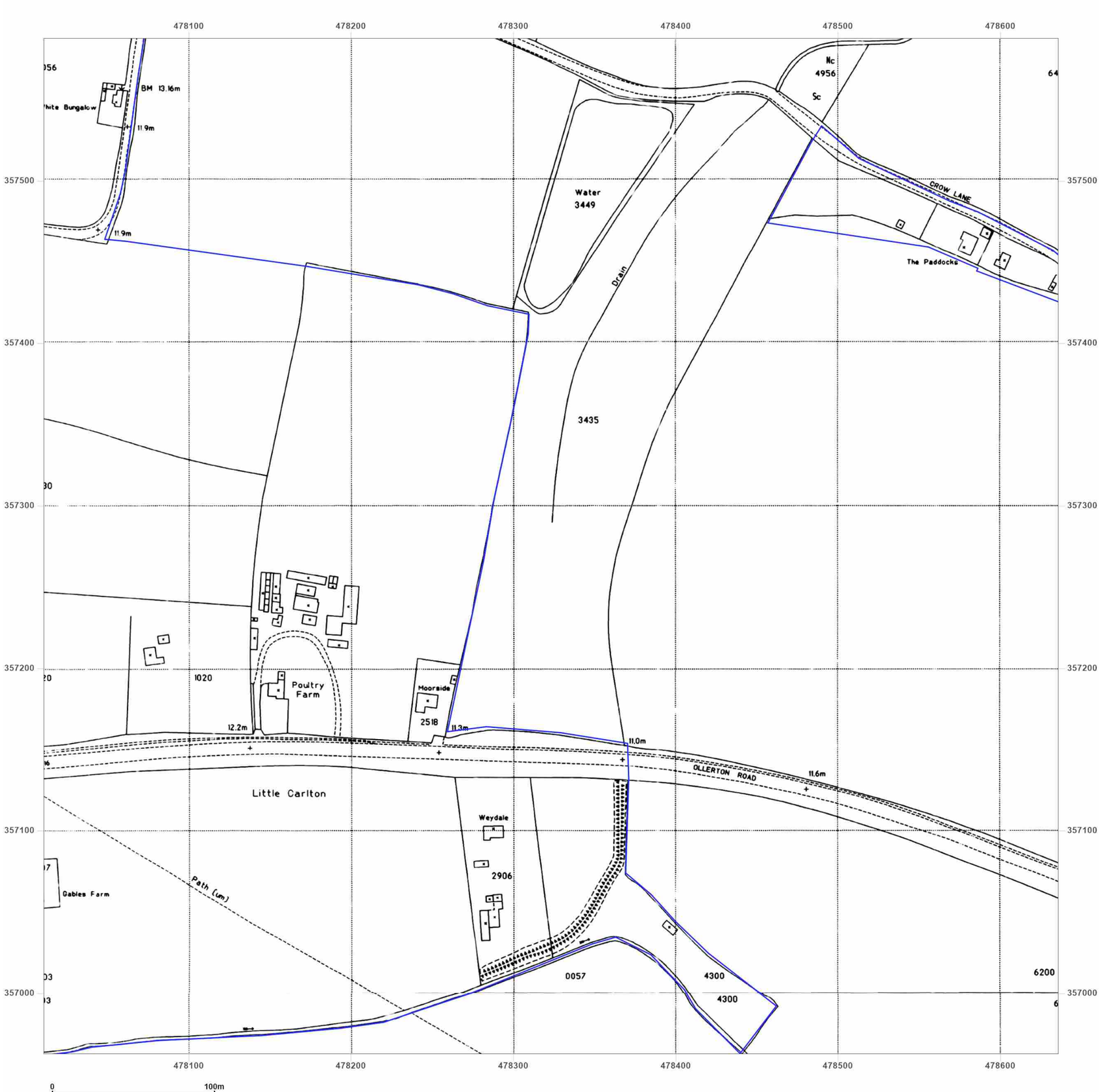
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_7
Grid Ref: 478323, 357275

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

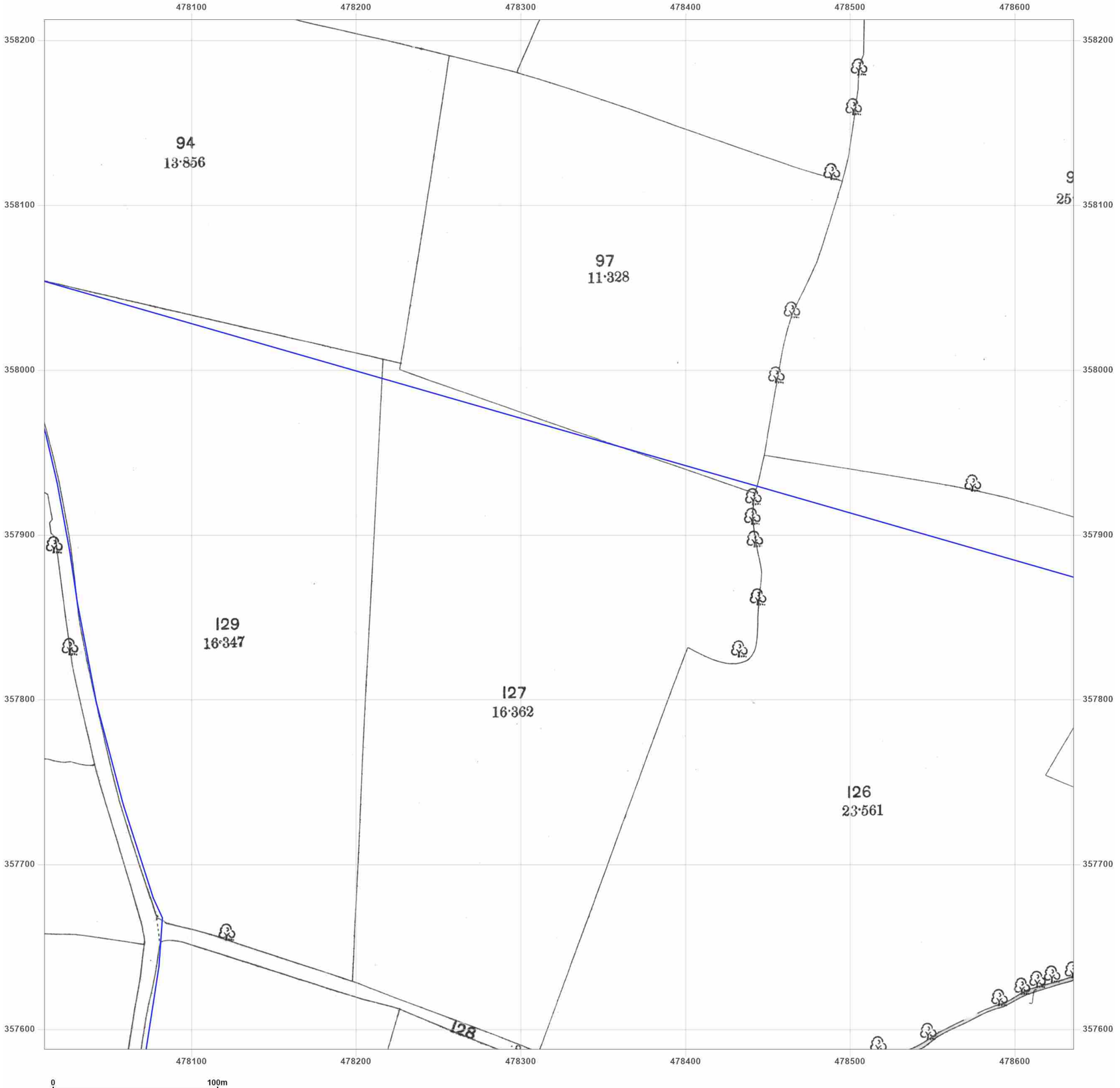
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_8
Grid Ref: 478323, 357900

Map Name: County Series

Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

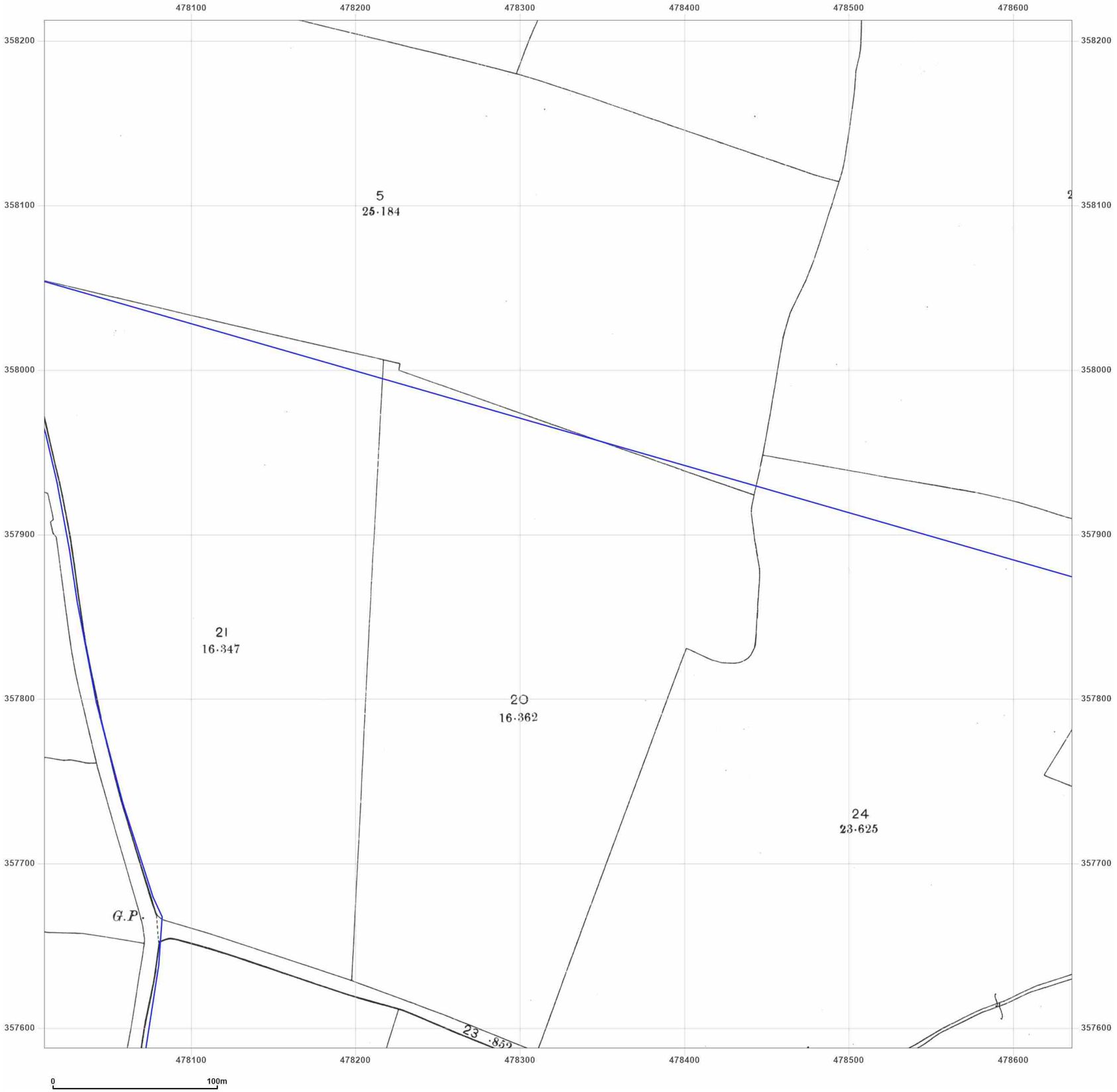
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_8
Grid Ref: 478323, 357900

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

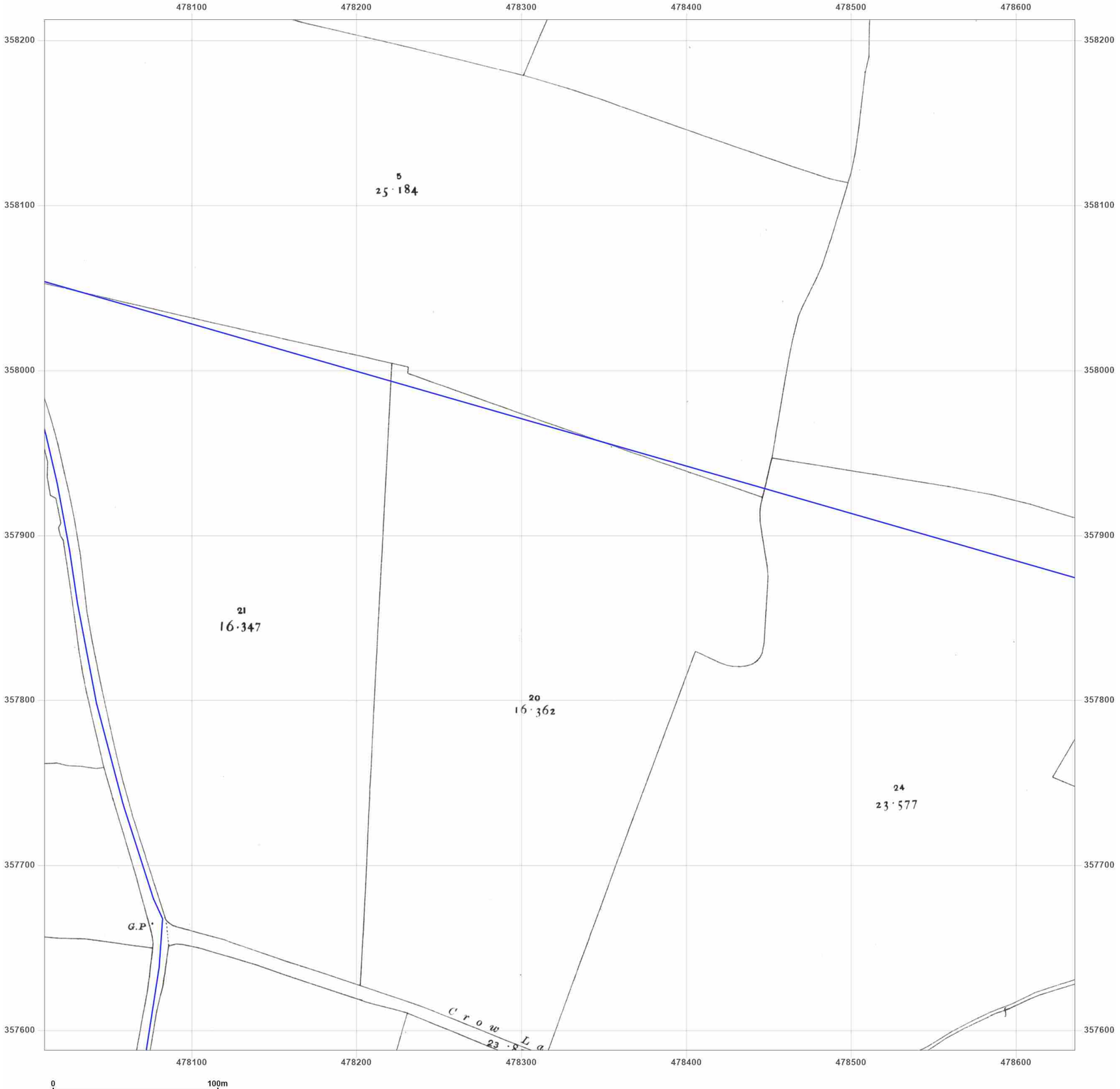
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_8
Grid Ref: 478323, 357900

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

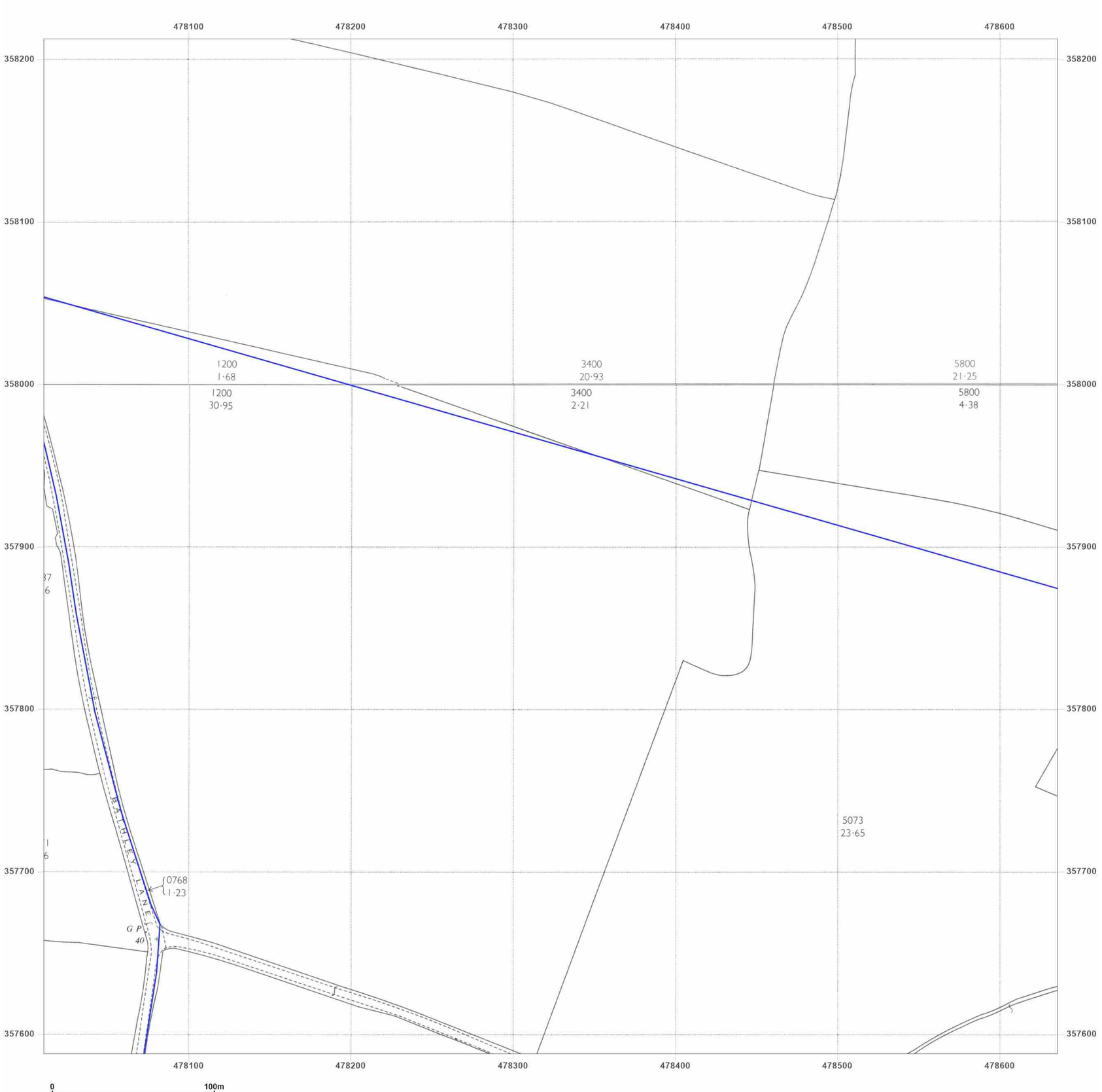
Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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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_LS_8_8
Grid Ref: 478323, 357900

Map Name: National Grid

Map date: **1969-1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1970
Levelled 1966

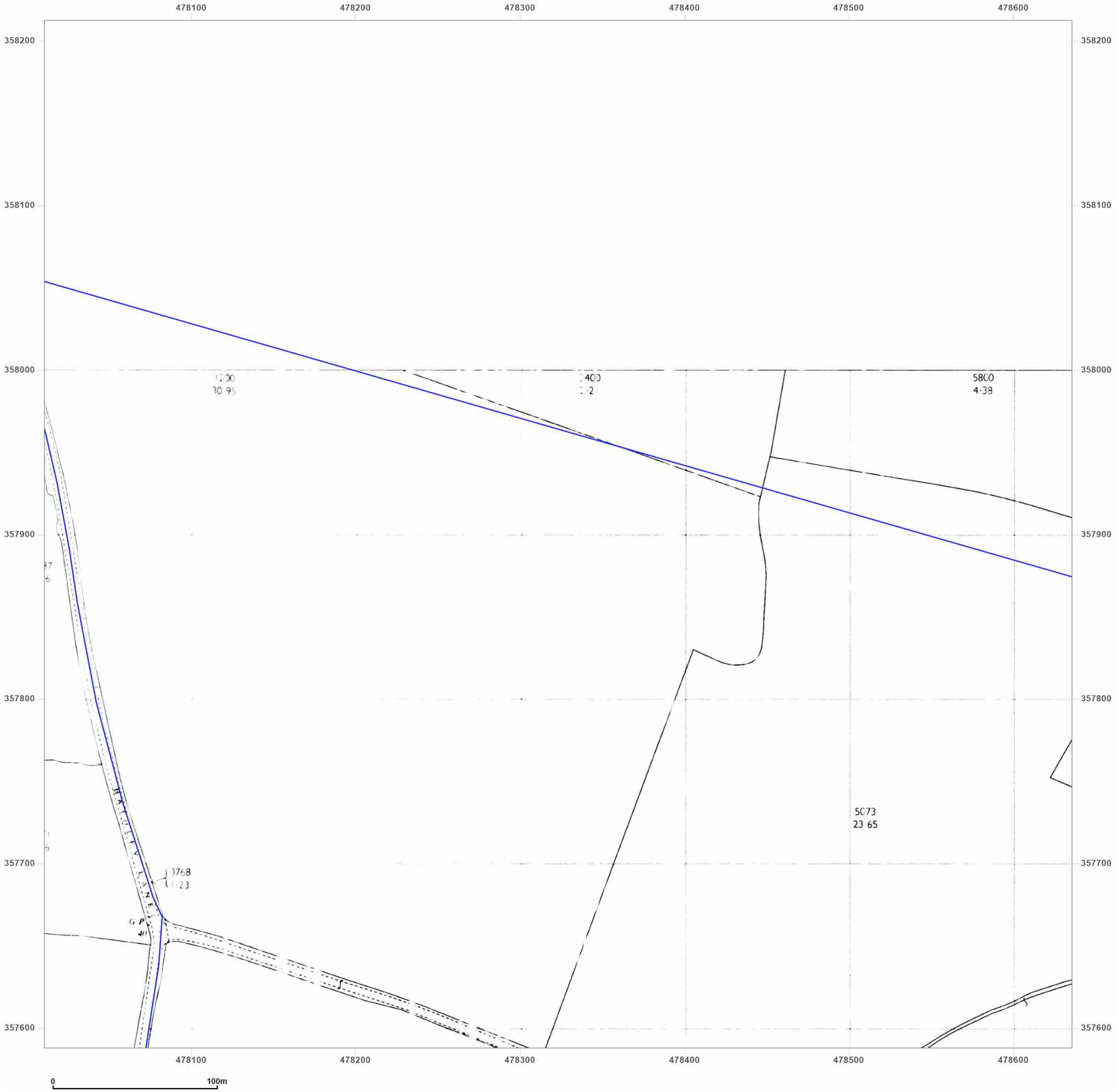
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_8
Grid Ref: 478323, 357900

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

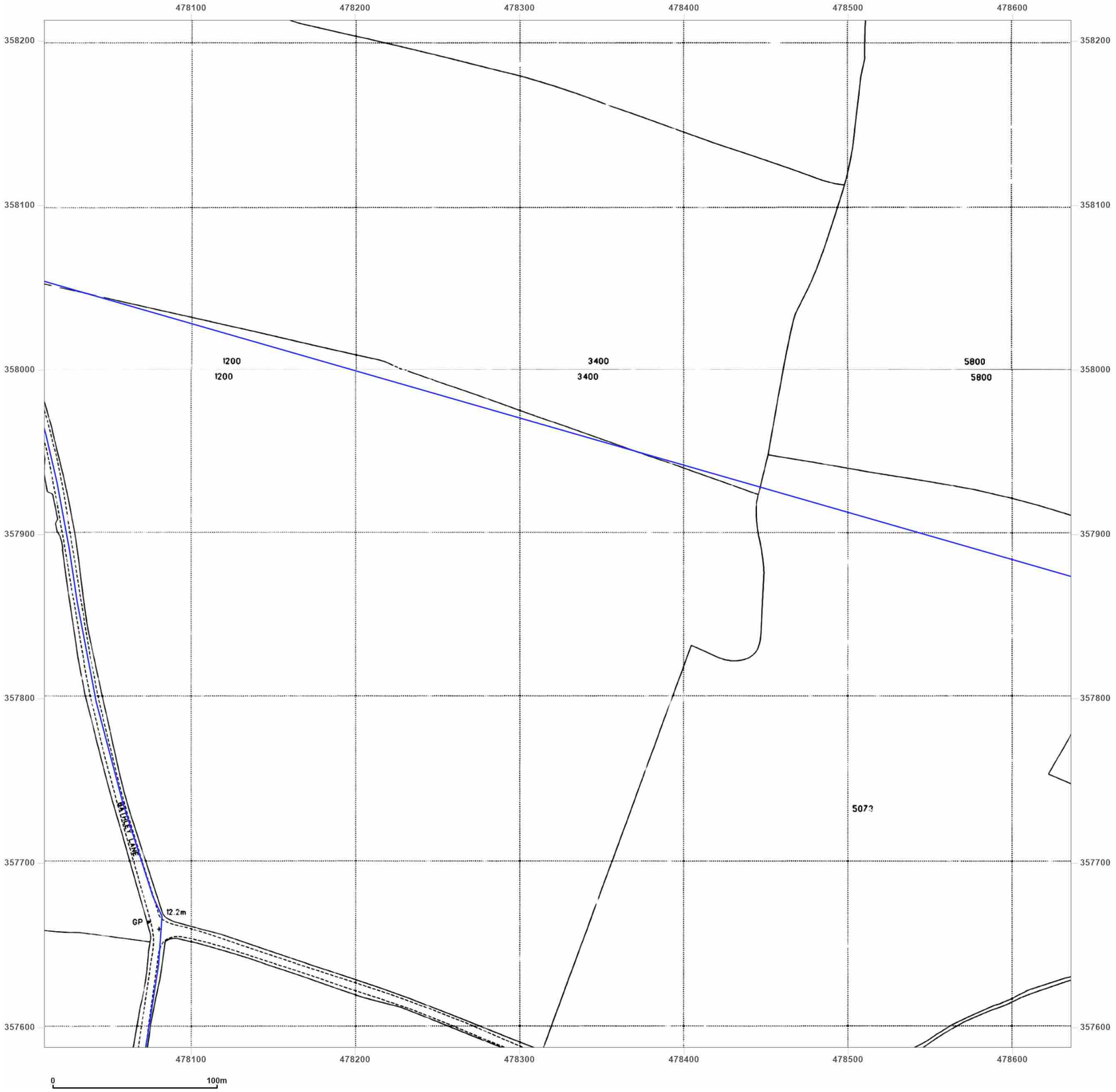
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_8_8
Grid Ref: 478323, 357900

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

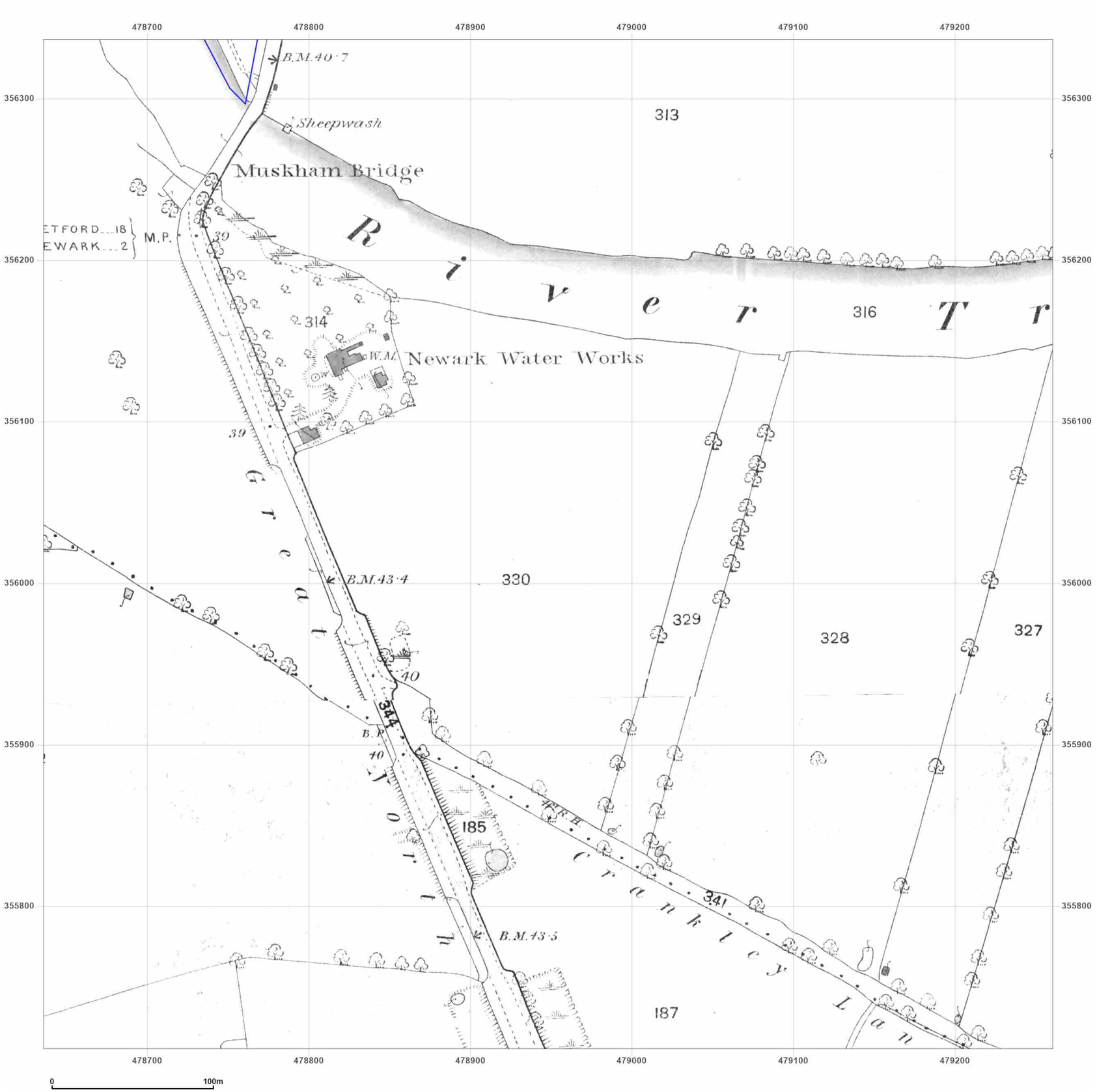
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: County Series
Map date: **1885-1886**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

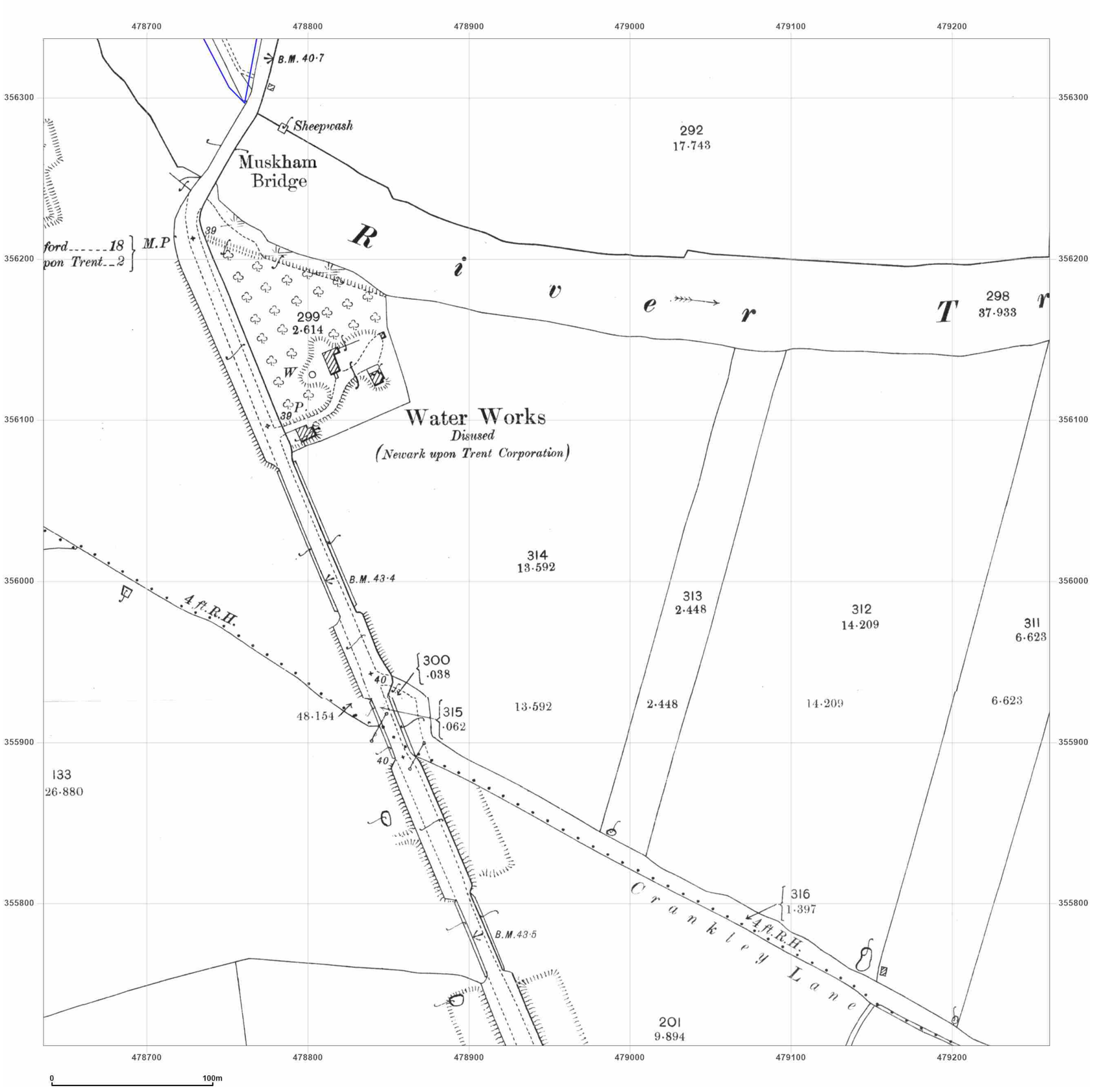
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: County Series
Map date: **1900**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

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

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

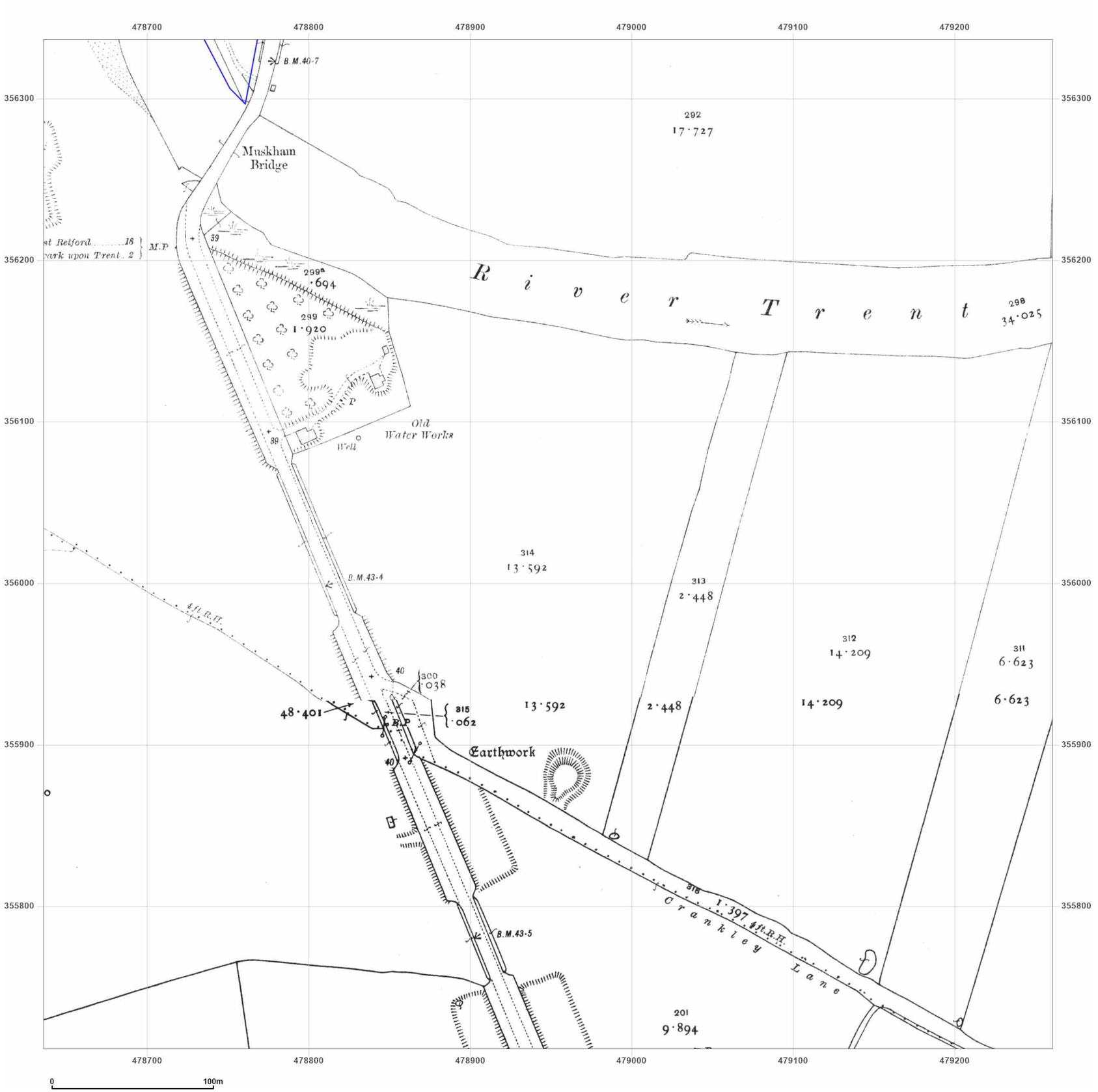
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: County Series

Map date: **1919-1920**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1920
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

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

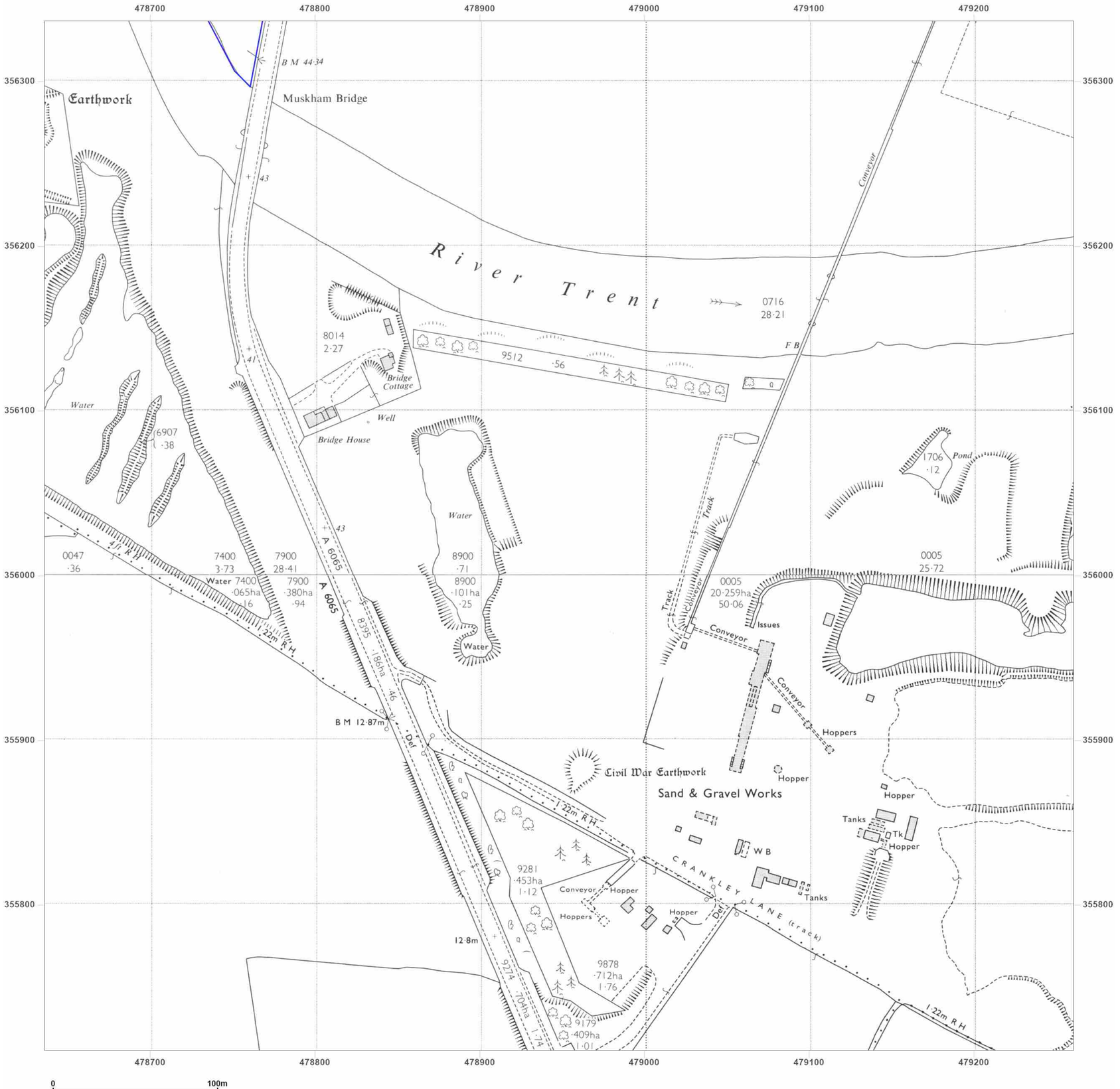
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

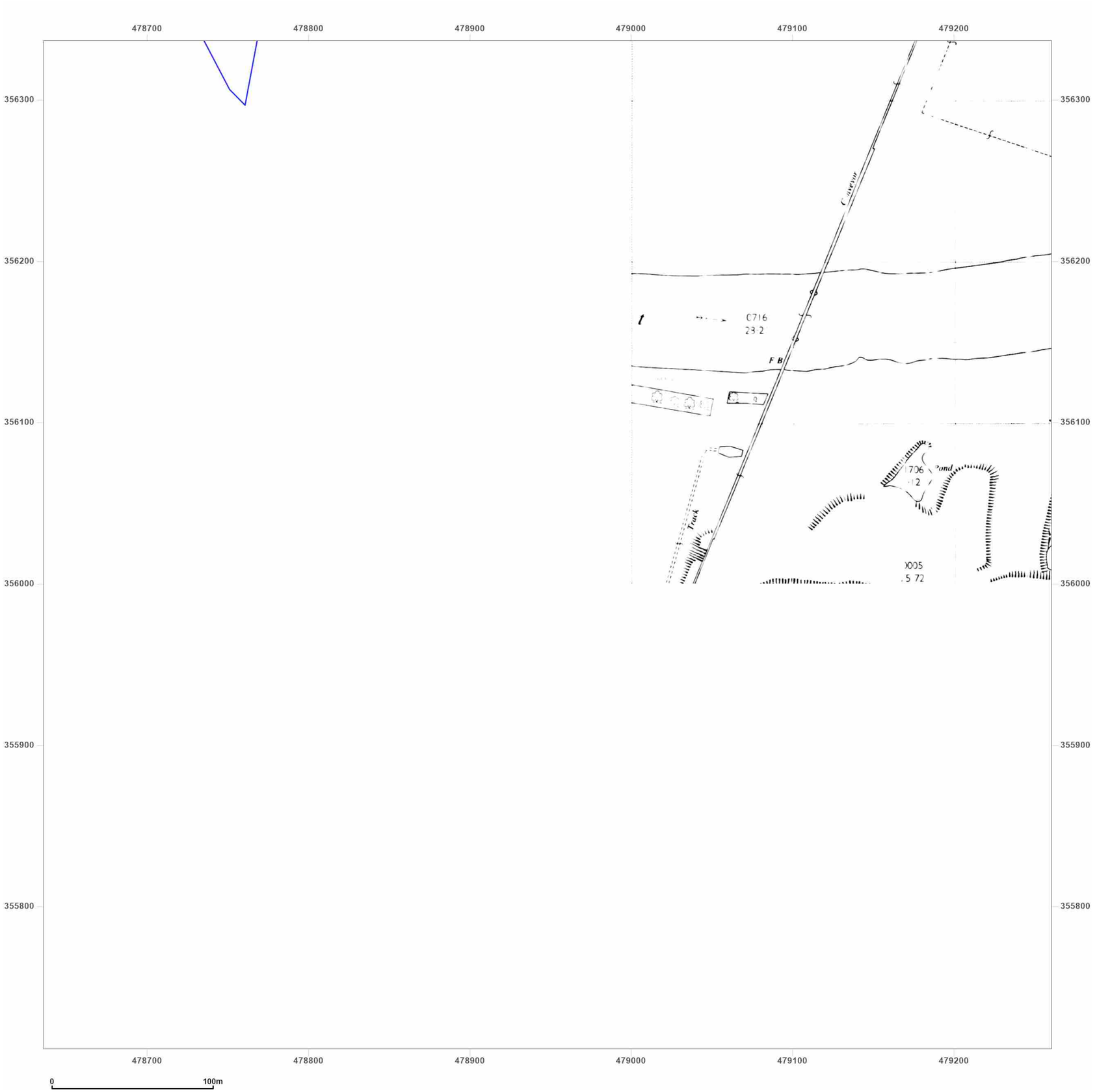
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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: National Grid

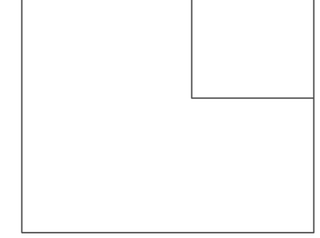
Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



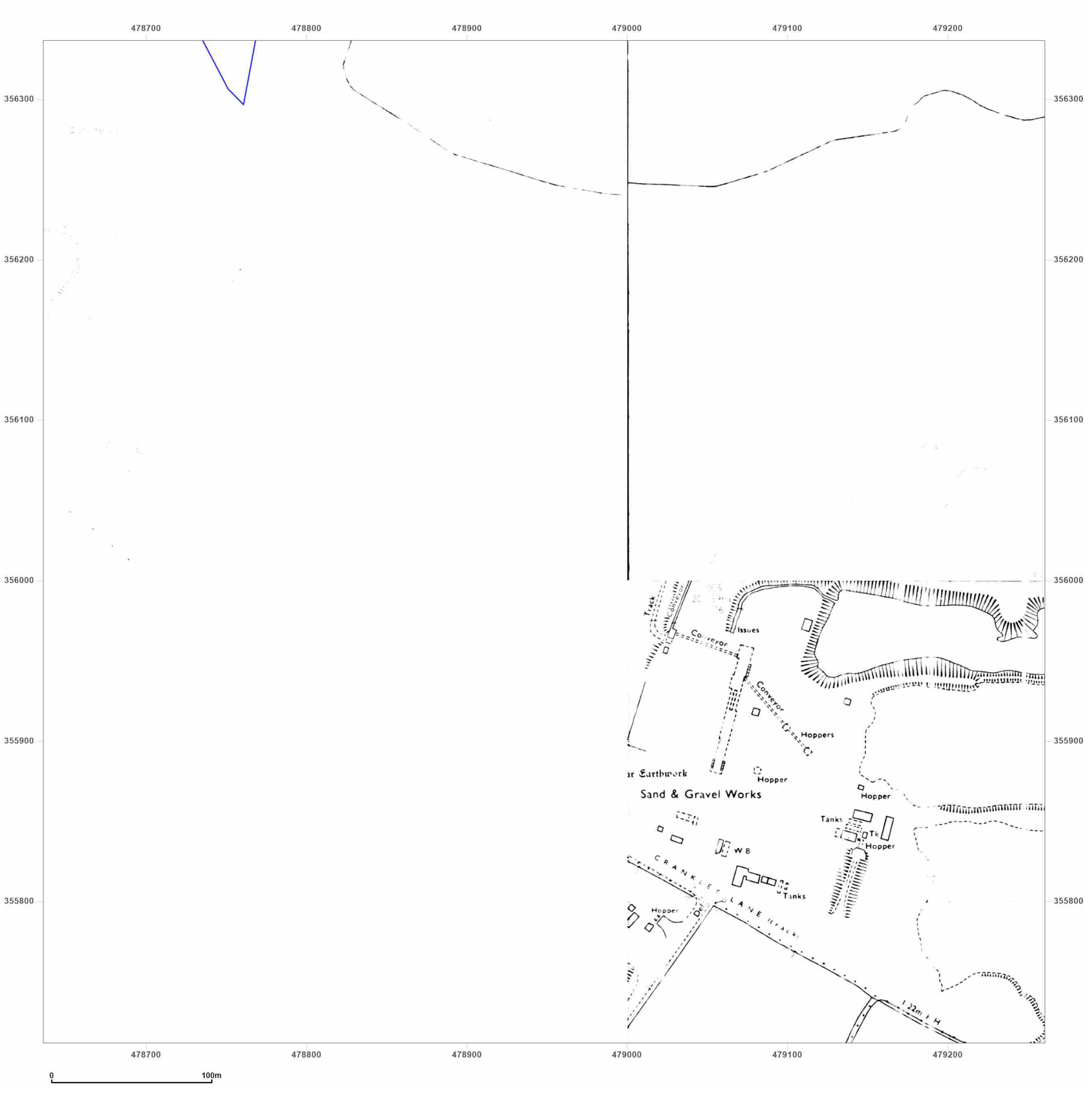
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: National Grid

Map date: **1970-1974**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

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

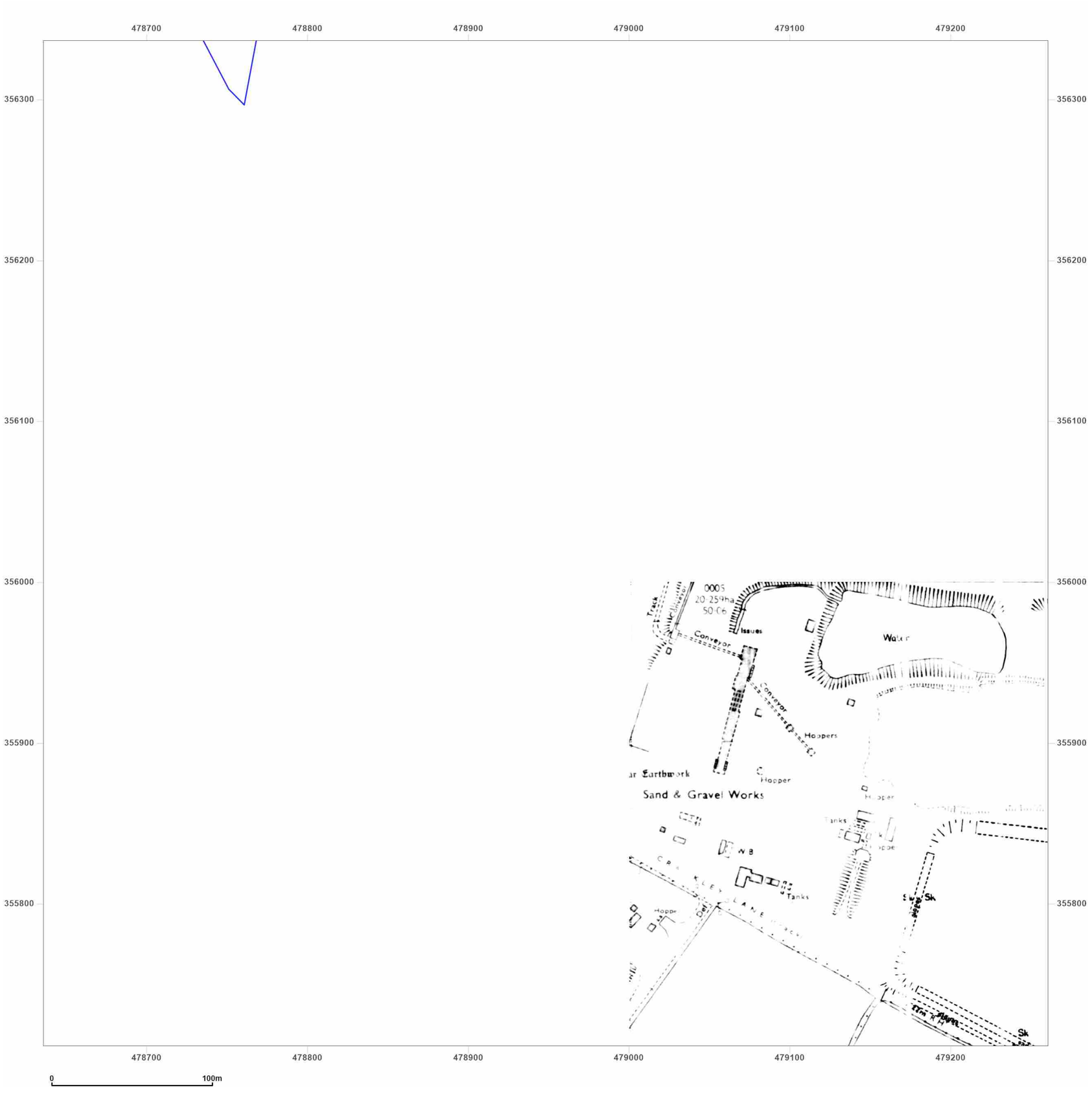
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

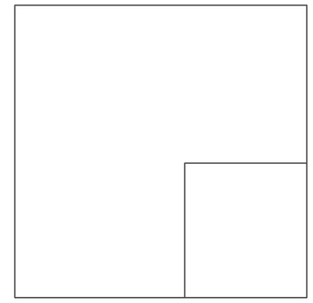
Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



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

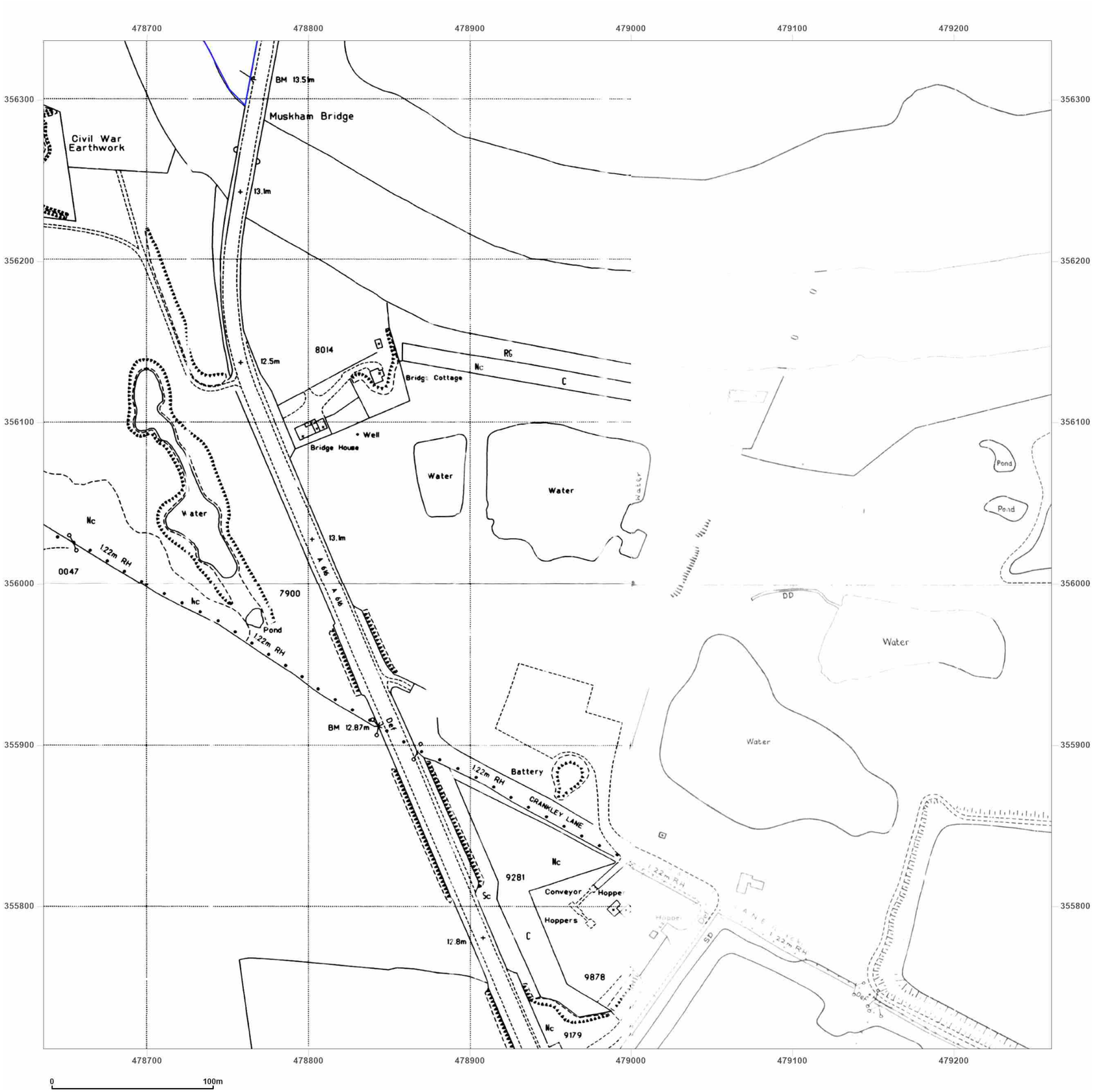
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: National Grid

Map date: **1990-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

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

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1990
Levelled 1962

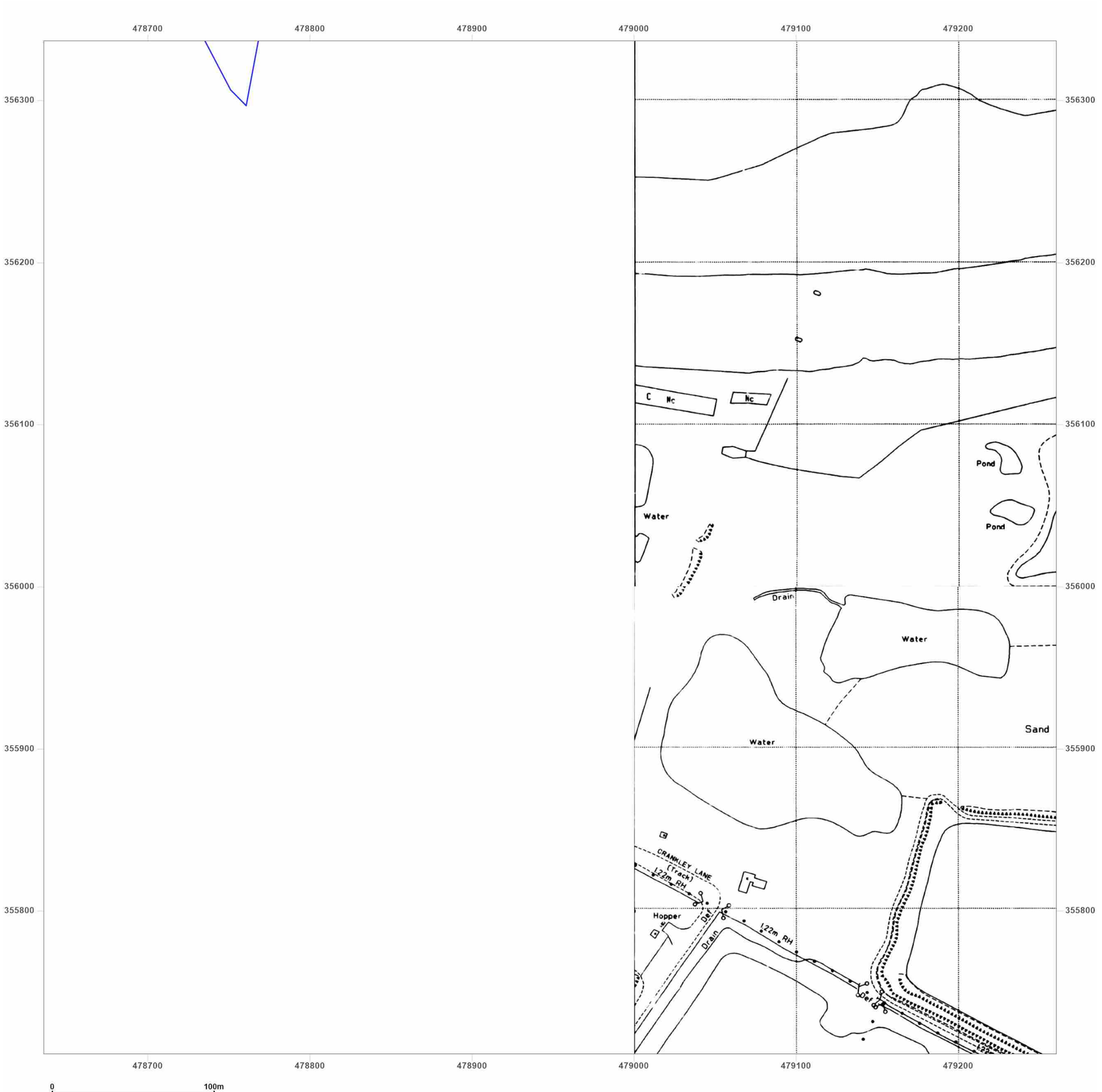
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_5
Grid Ref: 478948, 356024

Map Name: National Grid

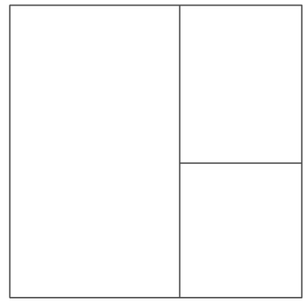
Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



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

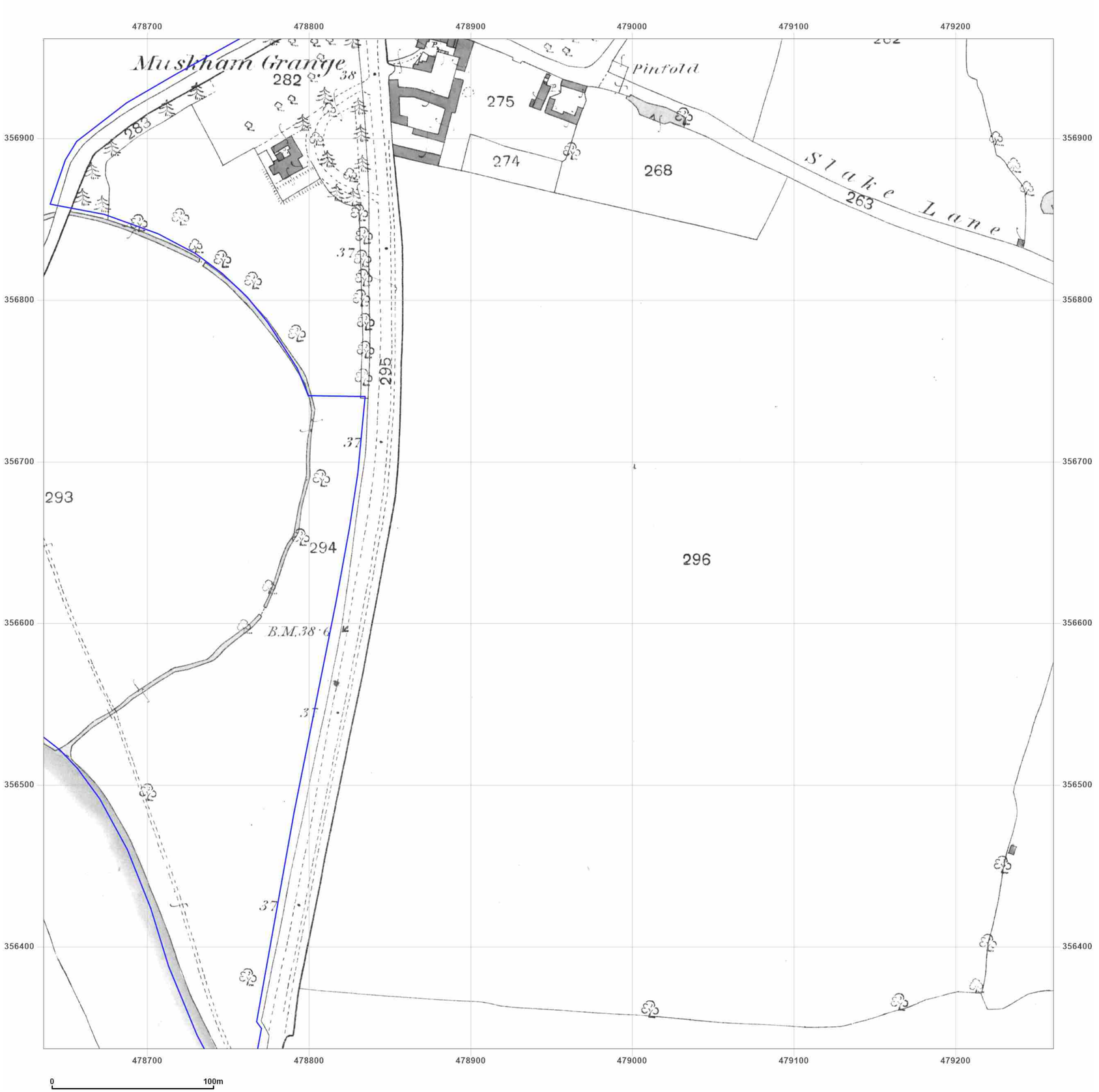
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_6
Grid Ref: 478948, 356649

Map Name: County Series

Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

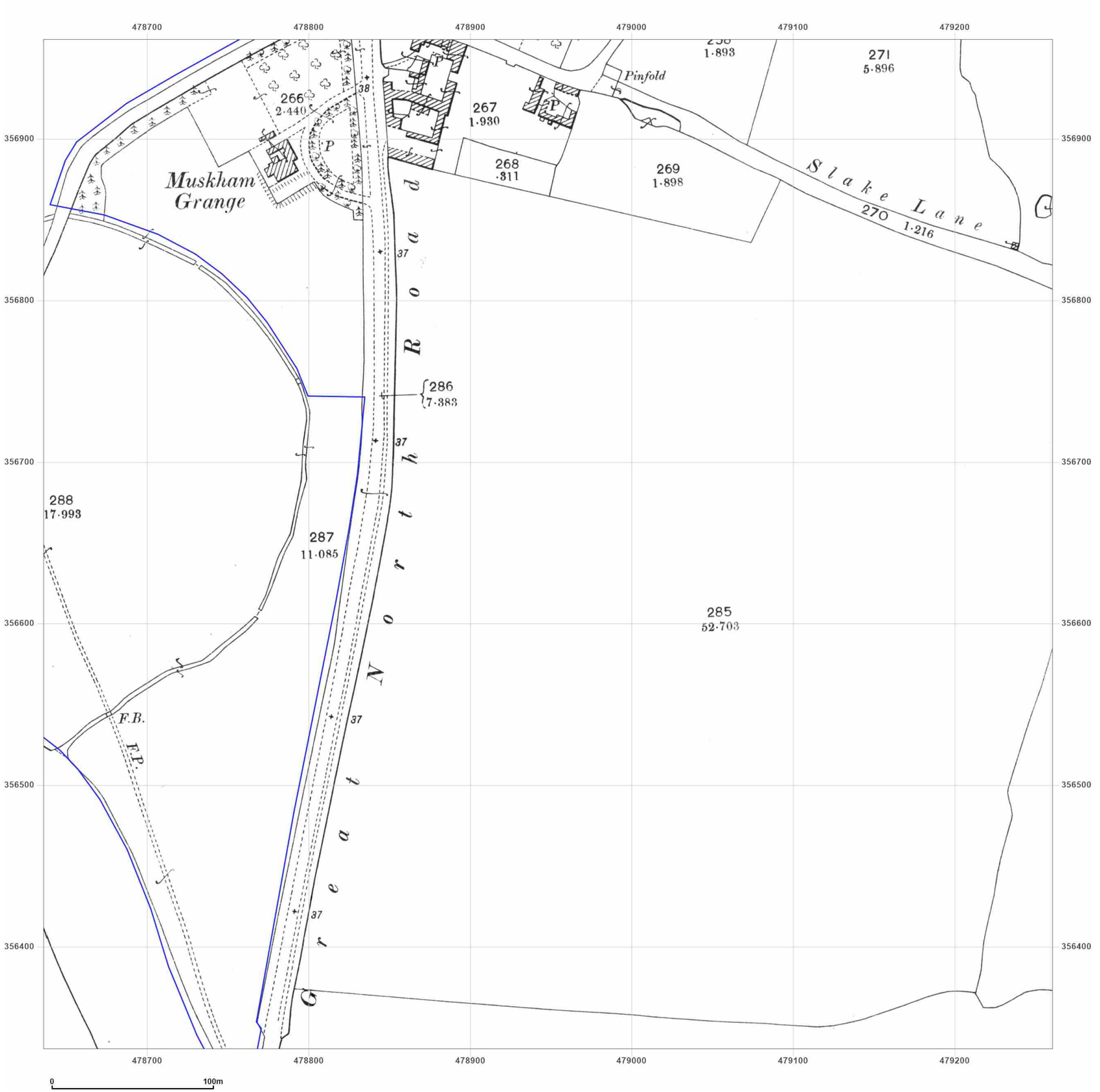
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_6
Grid Ref: 478948, 356649

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
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_LS_9_6
Grid Ref: 478948, 356649

Map Name: County Series

Map date: **1920**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1920
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

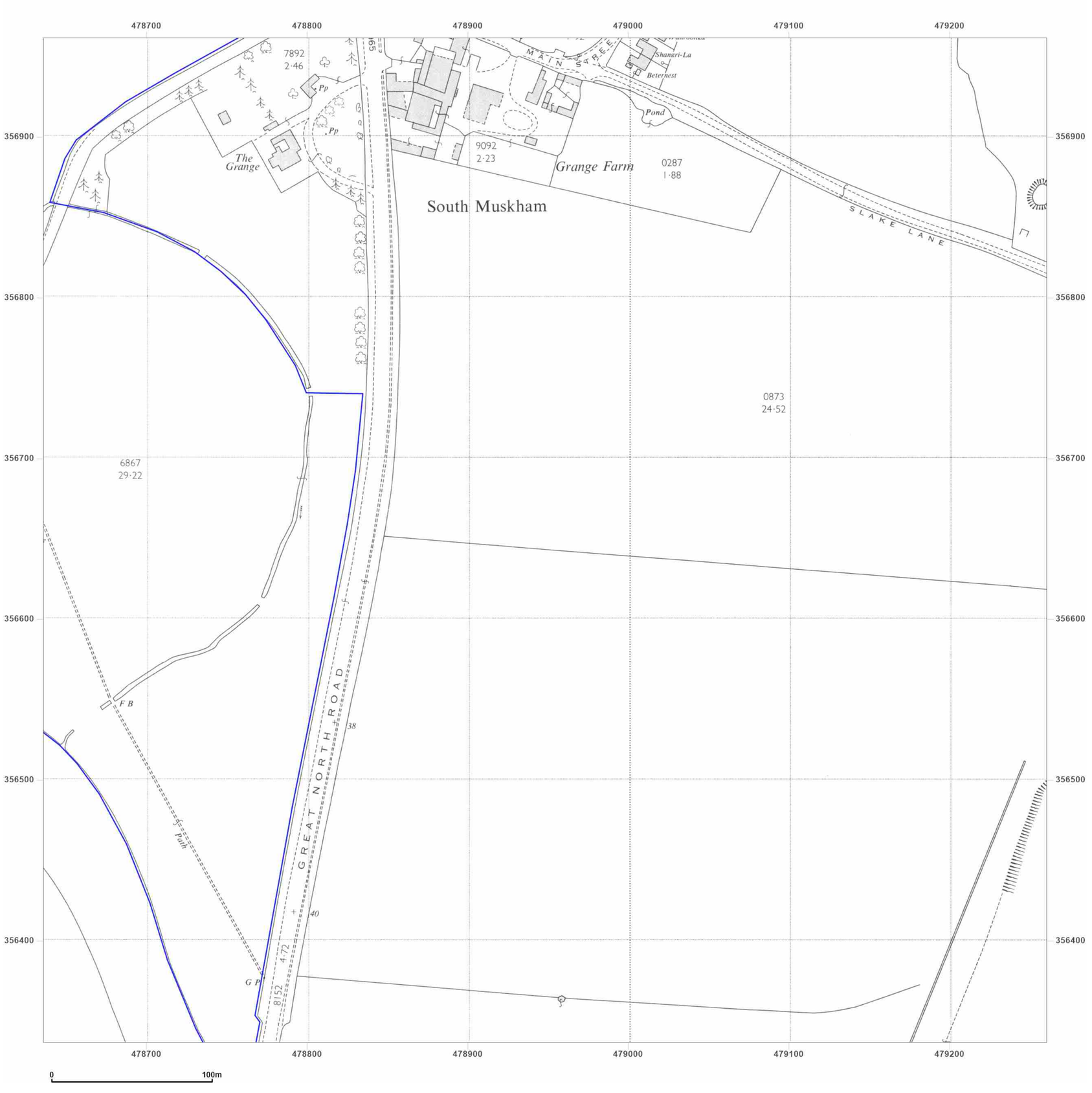
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_6
Grid Ref: 478948, 356649

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

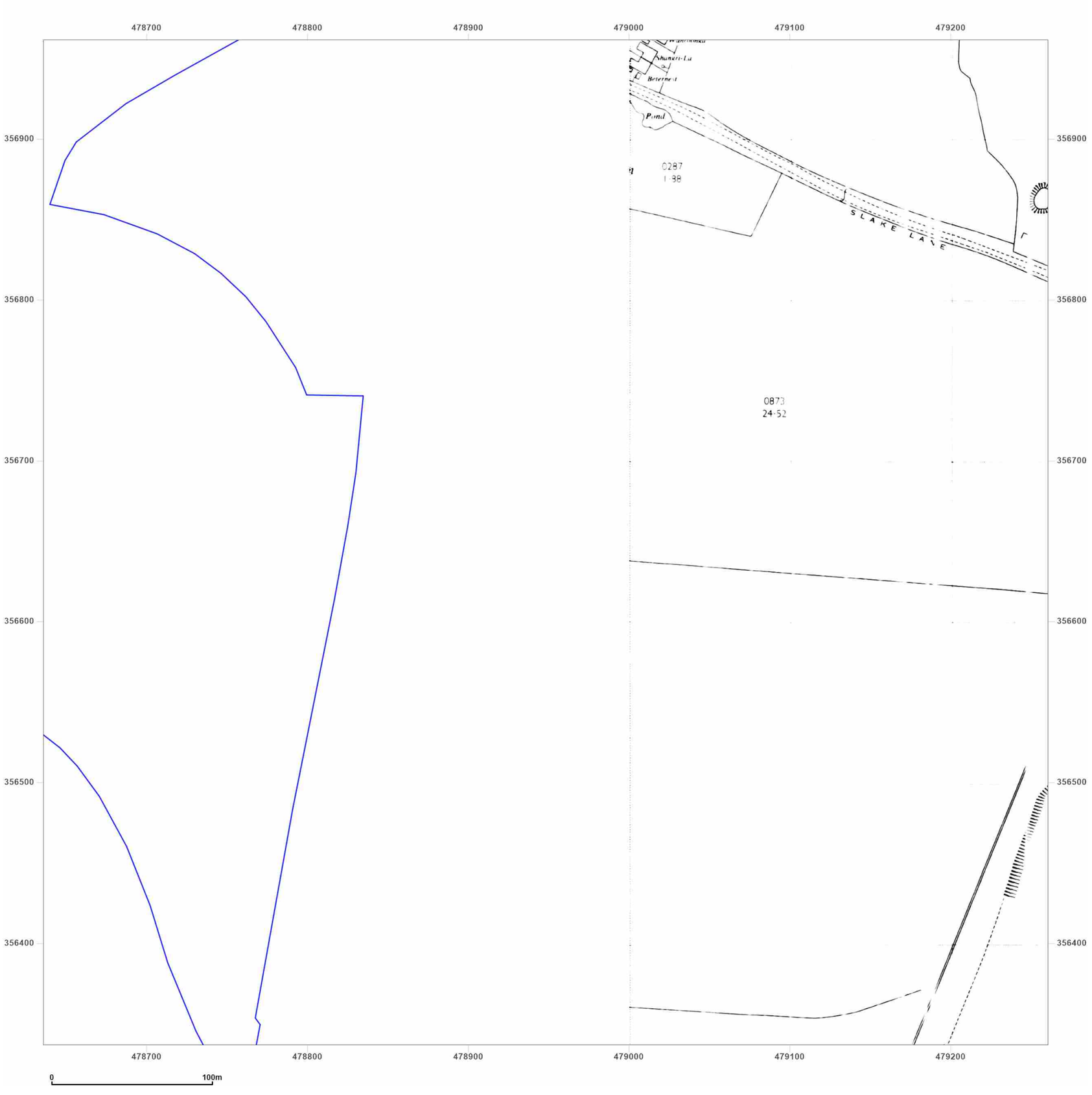
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_6
Grid Ref: 478948, 356649

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

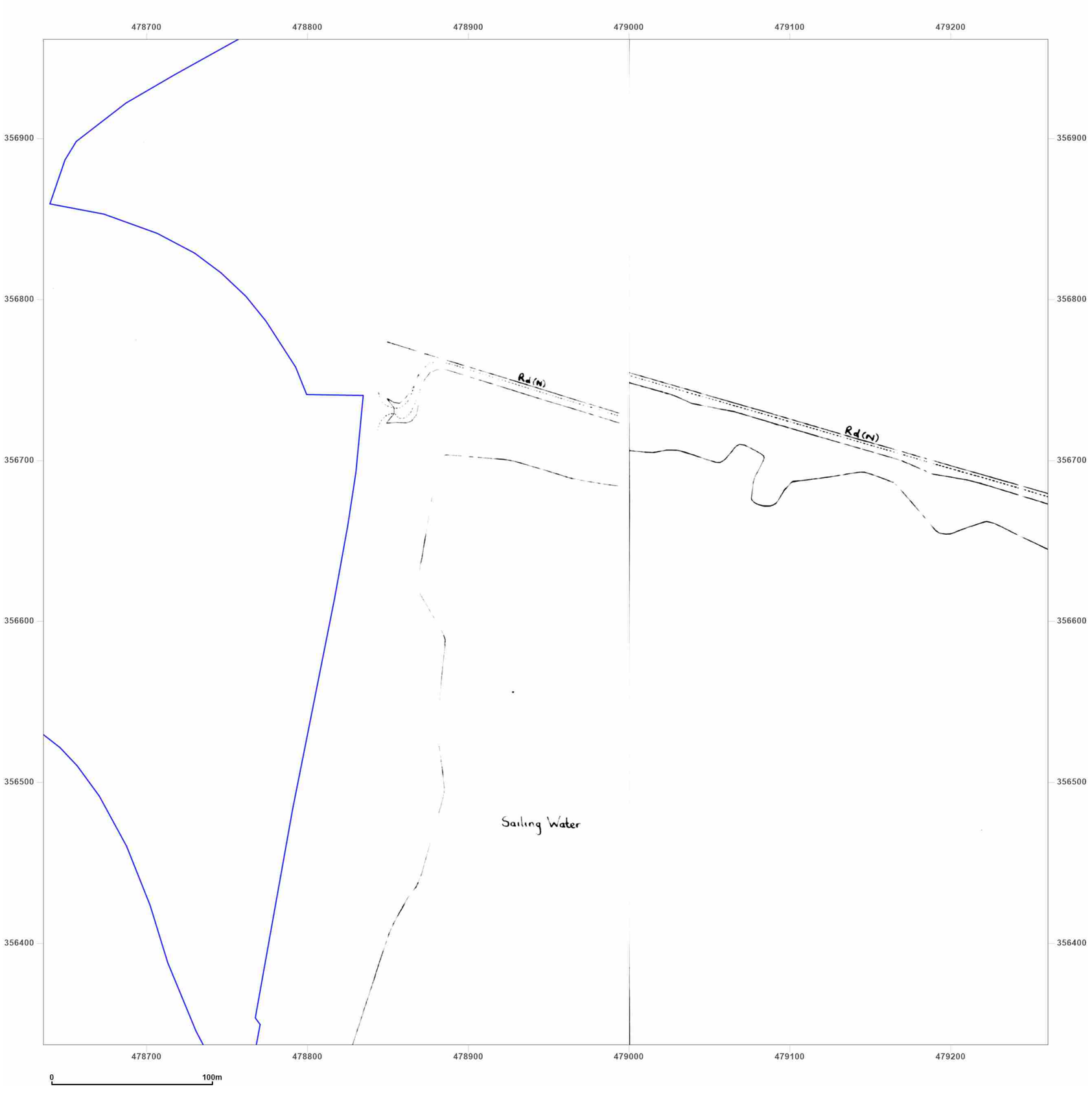
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_6
Grid Ref: 478948, 356649

Map Name: National Grid
Map date: **1974**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

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

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

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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_LS_9_6
Grid Ref: 478948, 356649

Map Name: National Grid

Map date: **1990-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

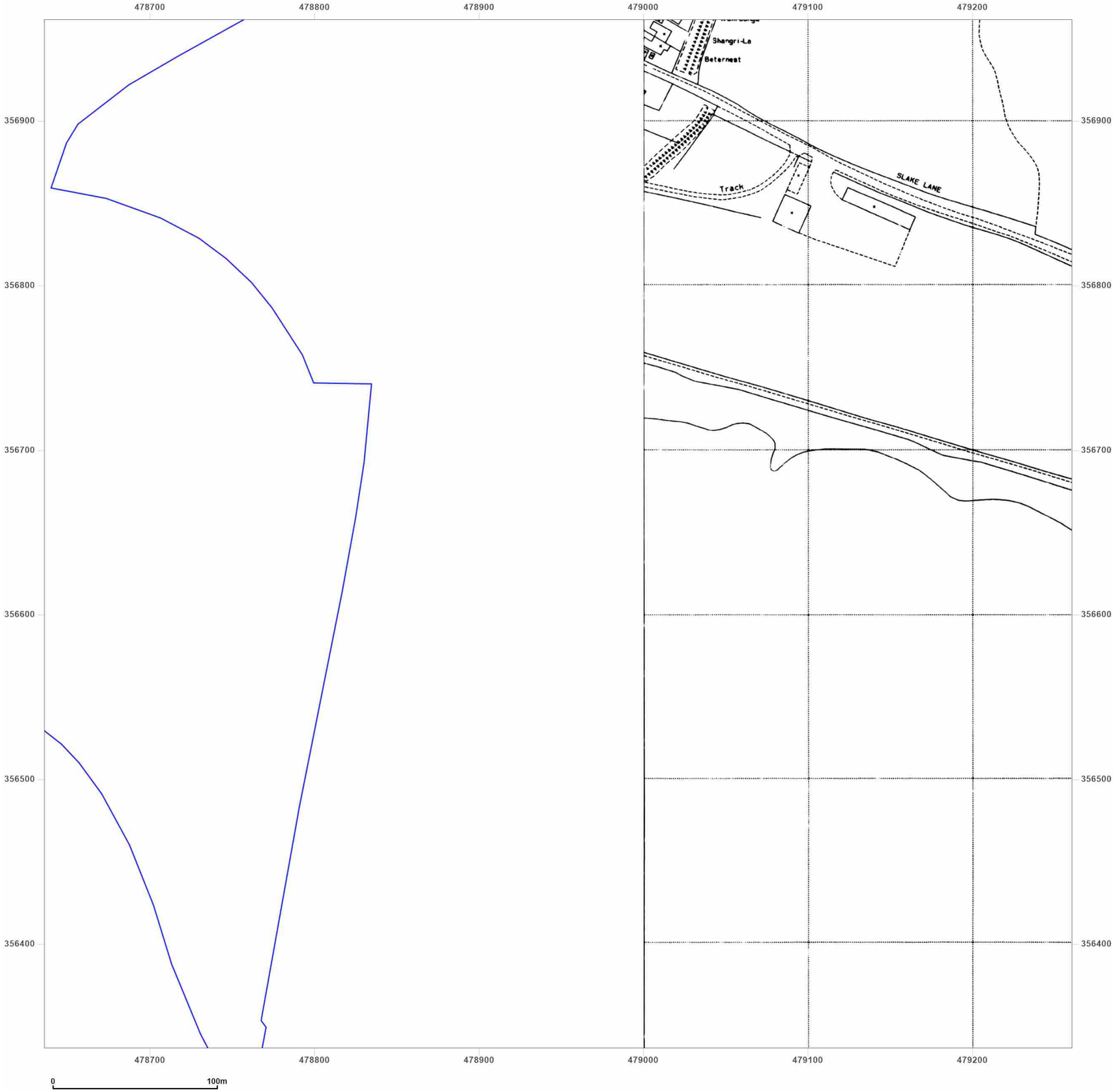
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_6
Grid Ref: 478948, 356649

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

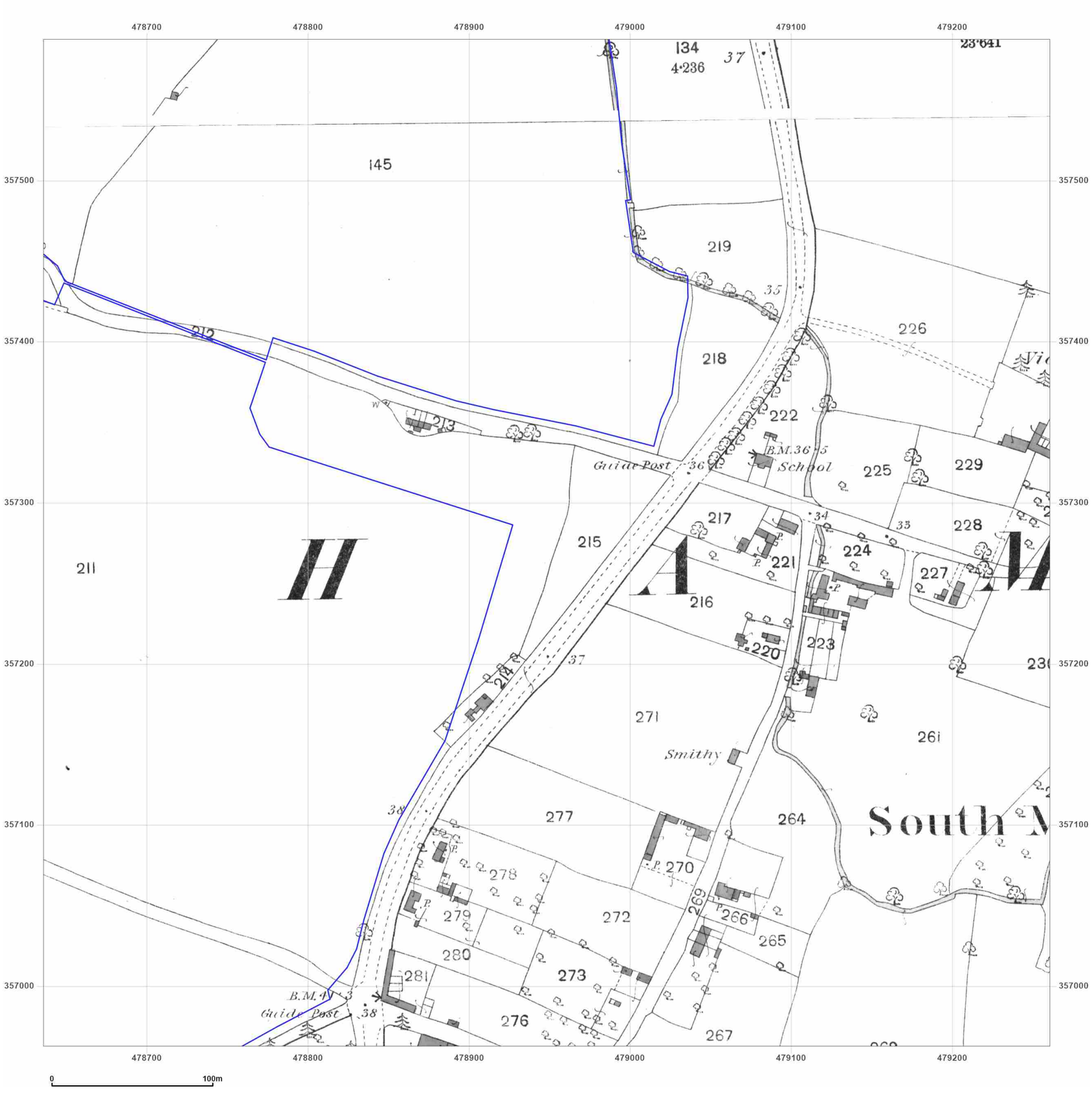
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Production date: 24 October 2024

Map legend available at: [redacted]



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Site Details:

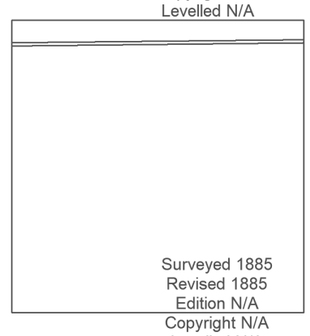
GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_7
Grid Ref: 478948, 357275

Map Name: County Series
Map date: **1885**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

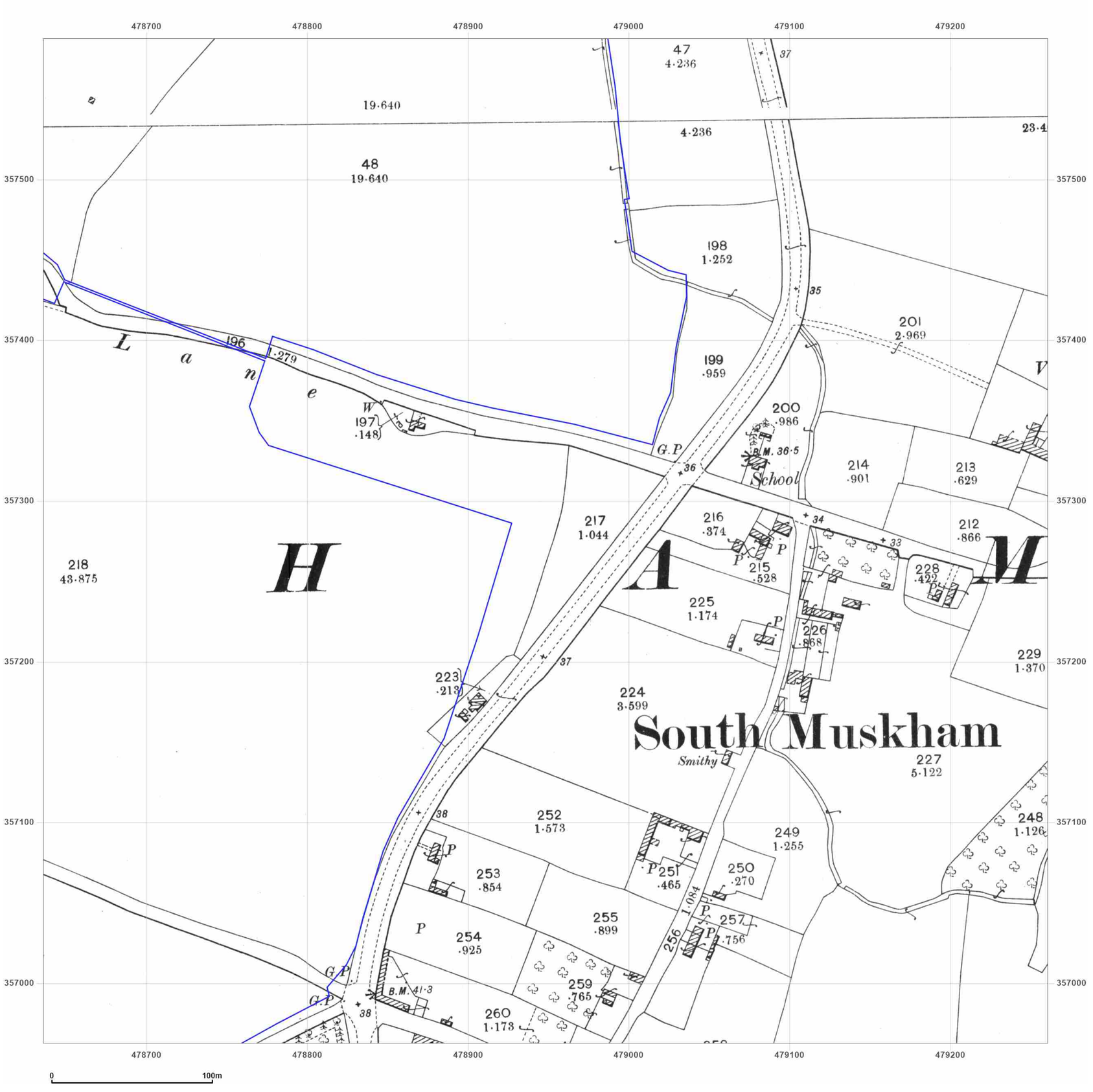
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_7
Grid Ref: 478948, 357275

Map Name: County Series

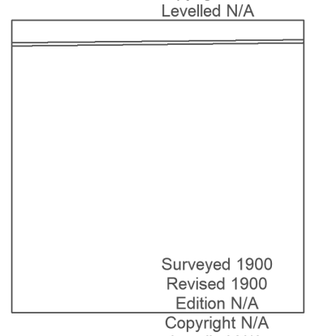
Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



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

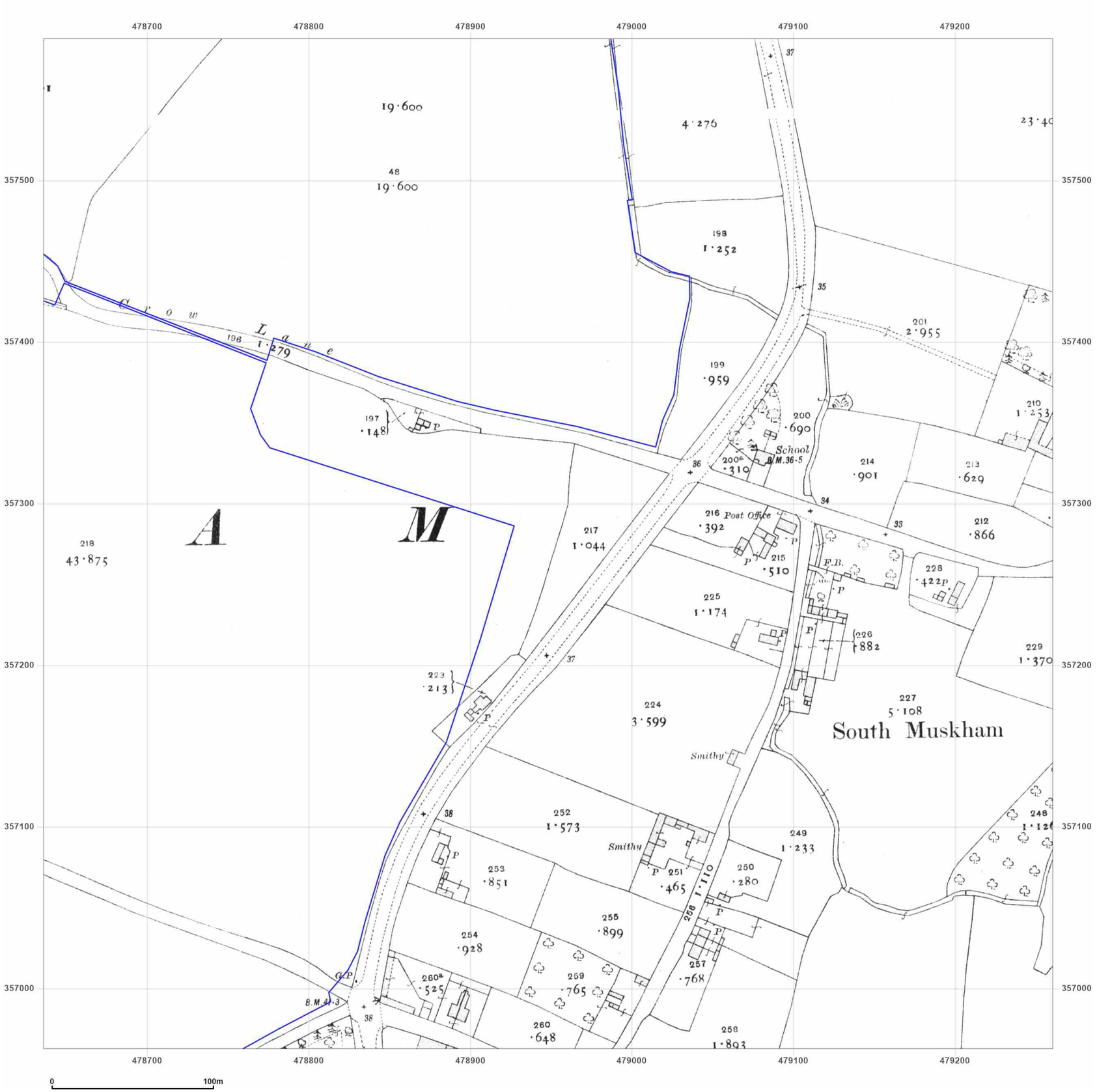
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_7
Grid Ref: 478948, 357275

Map Name: County Series

Map date: **1919-1920**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

Surveyed 1920
Revised 1920
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_LS_9_7
Grid Ref: 478948, 357275

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1970
Levelled 1966

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled 1966

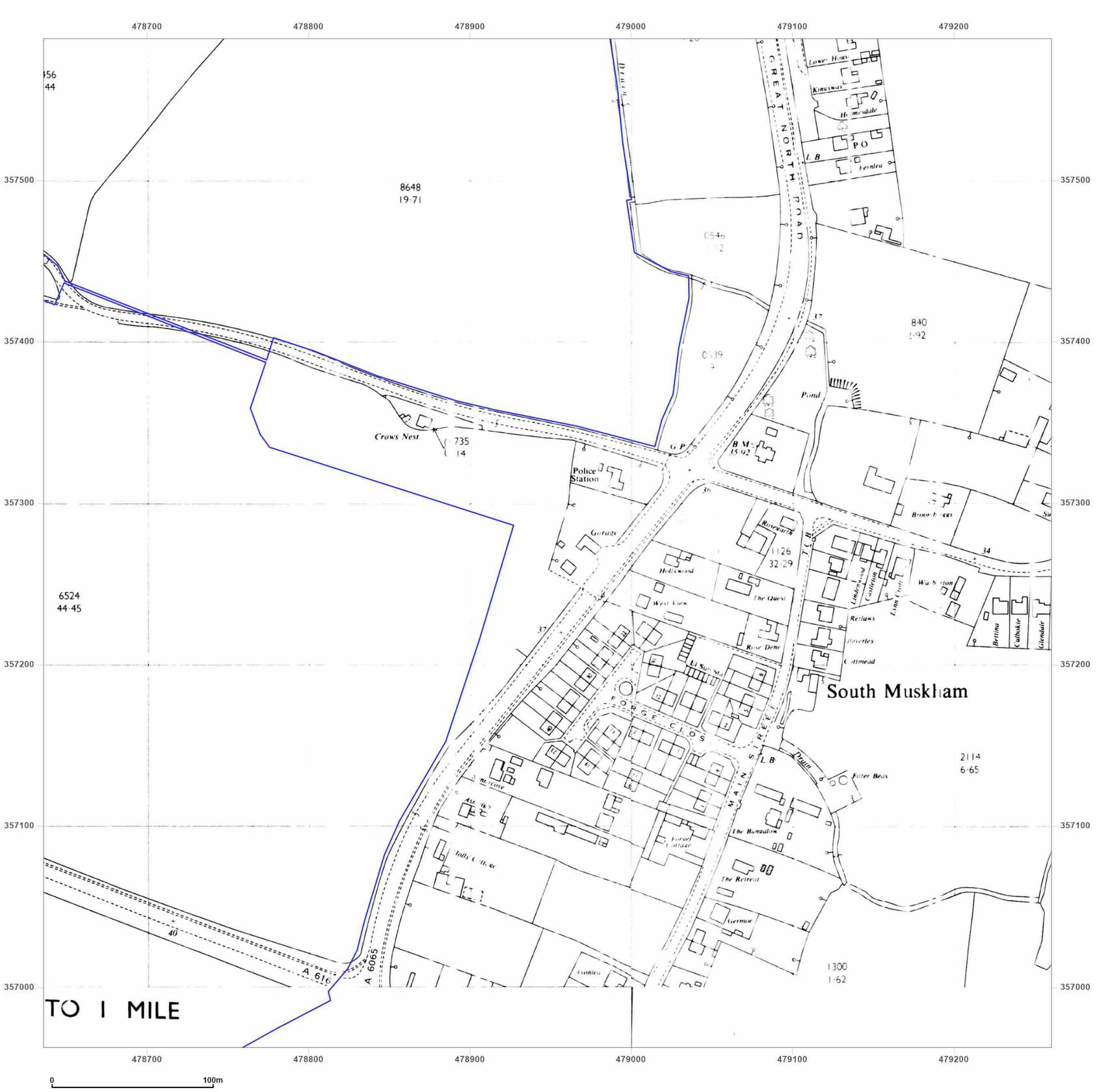
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_7
Grid Ref: 478948, 357275

Map Name: National Grid

Map date: **1970-1974**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

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

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

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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_LS_9_7
Grid Ref: 478948, 357275

Map Name: National Grid

Map date: **1990-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

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

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

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

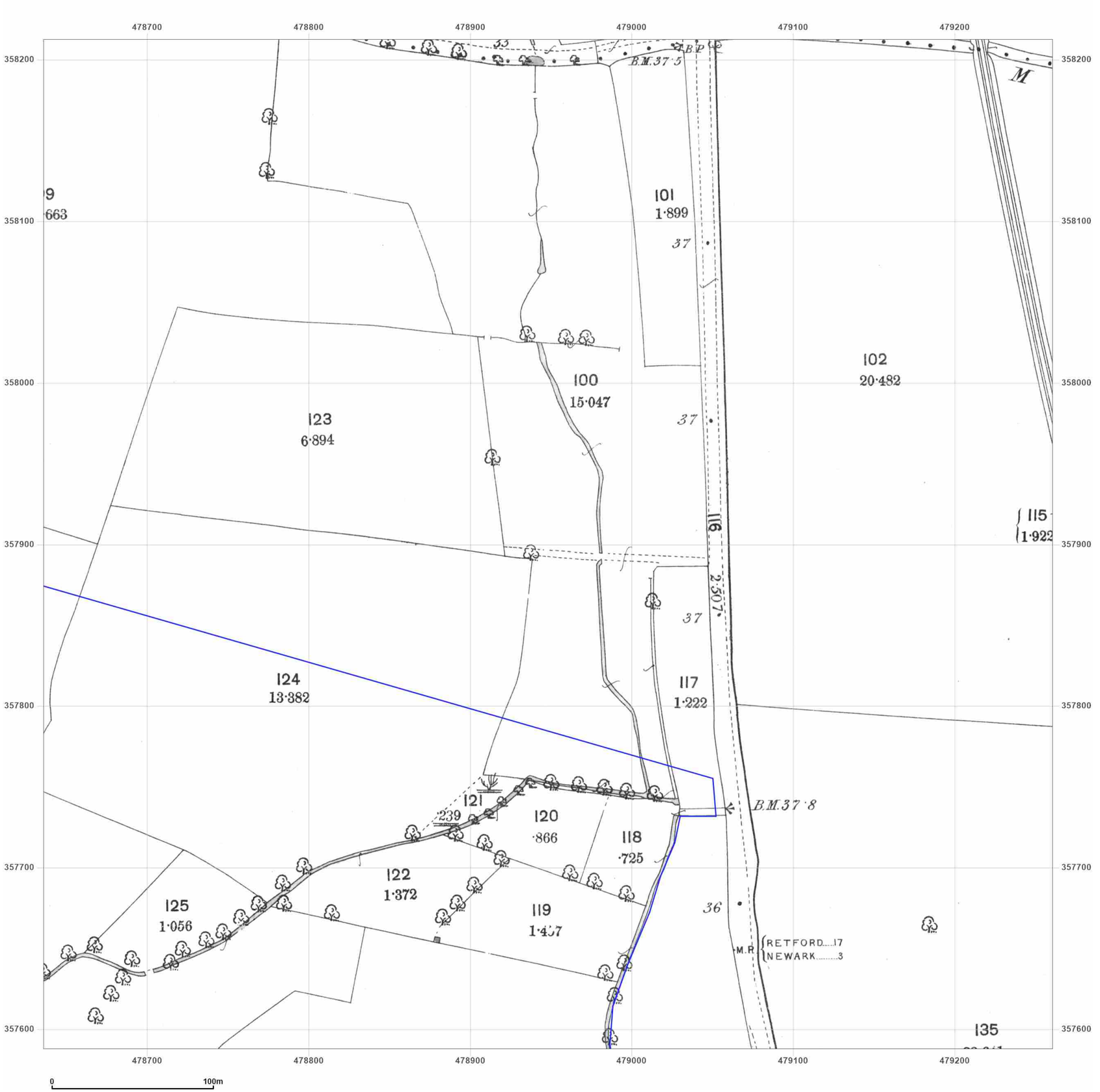
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

Map Name: County Series

Map date: **1885**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1885
Revised 1885
Edition N/A
Copyright N/A
Levelled N/A

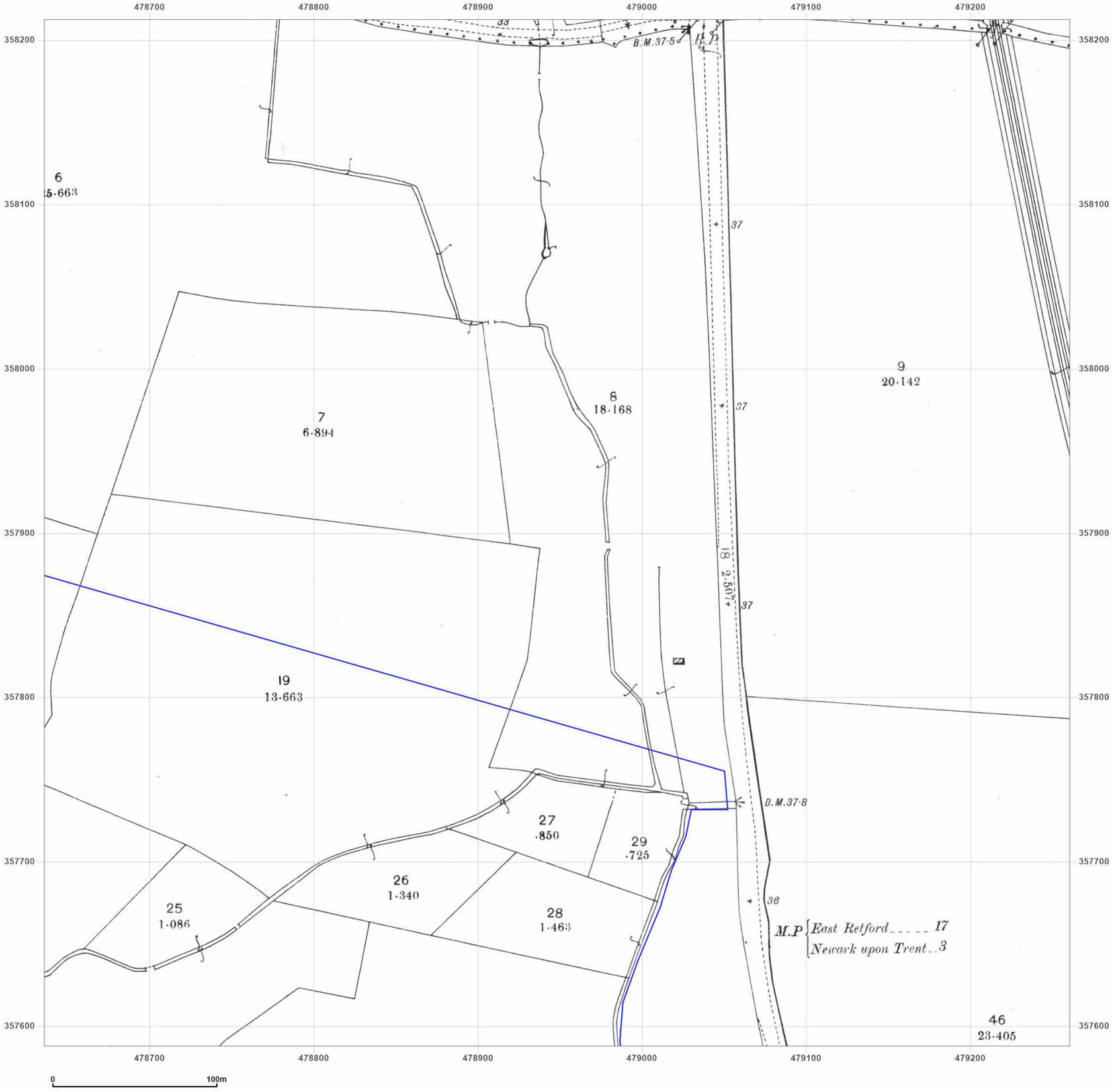
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
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_LS_9_8
Grid Ref: 478948, 357900

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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

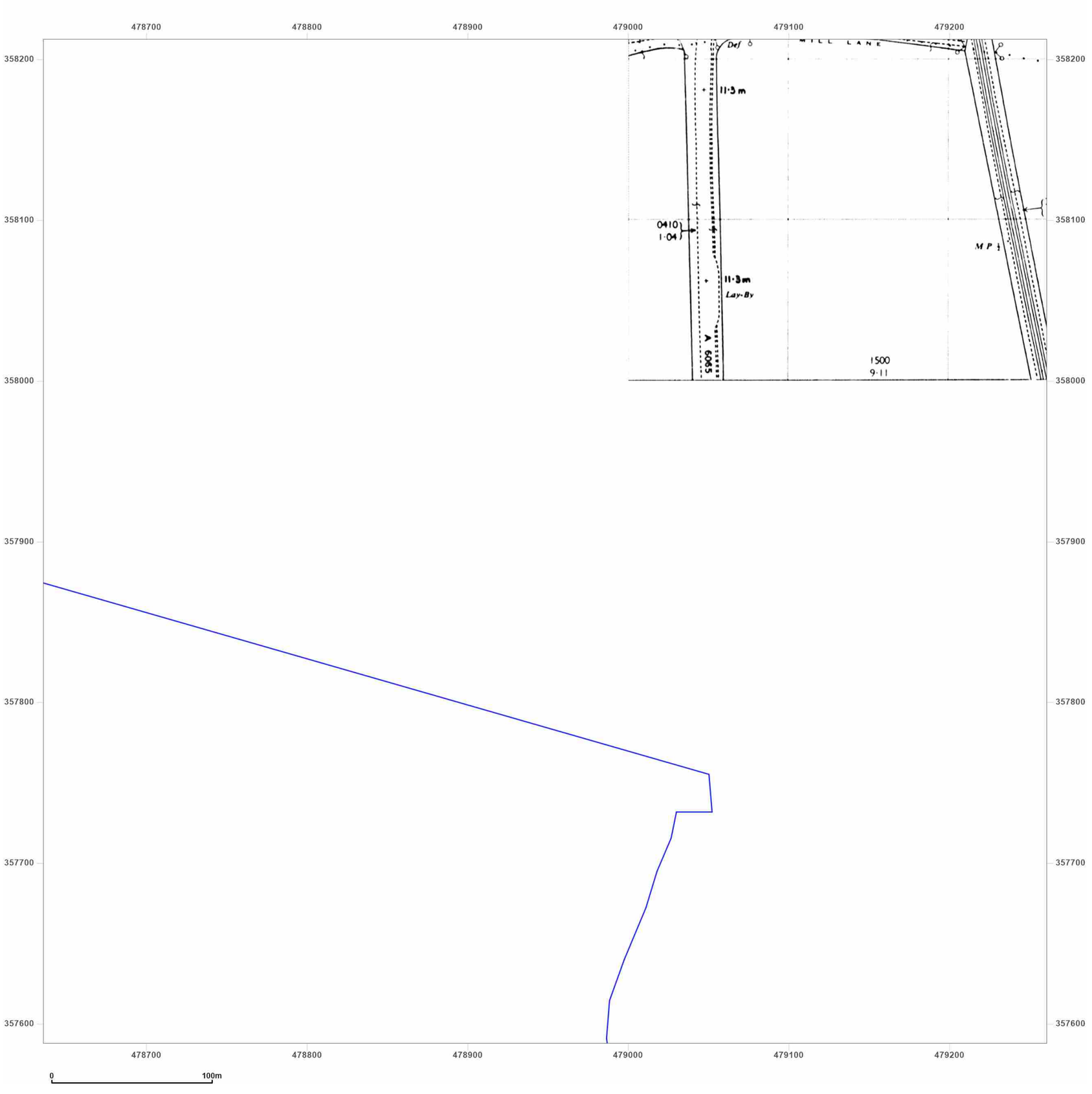
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

Map Name: National Grid

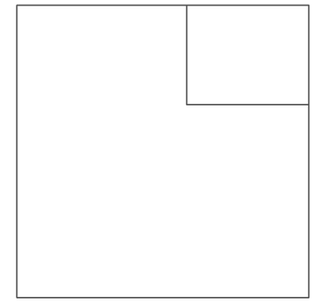
Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled 1966



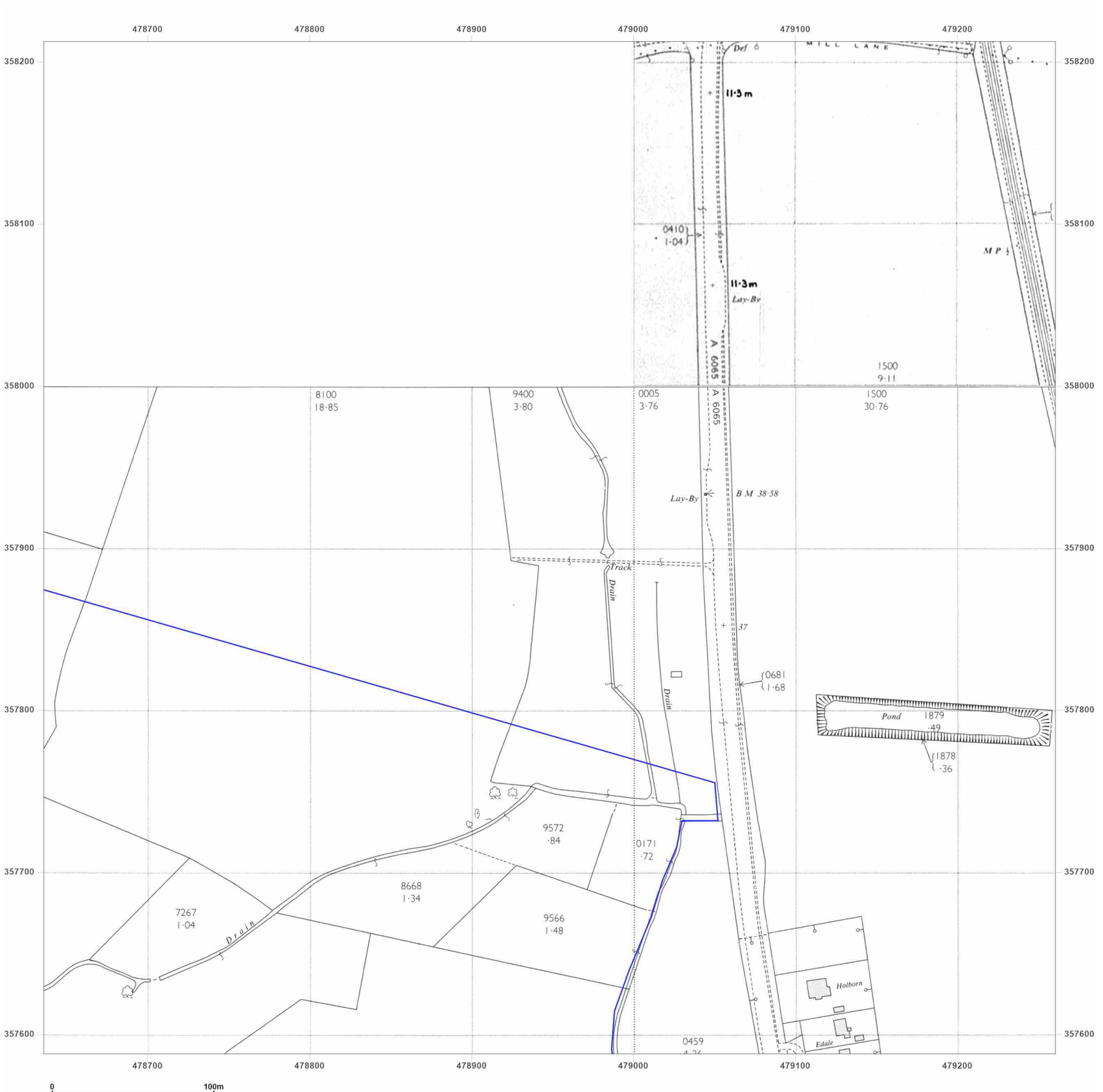
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

Map Name: National Grid

Map date: **1966-1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled 1966

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1970
Levelled 1966

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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_LS_9_8
Grid Ref: 478948, 357900

Map Name: National Grid

Map date: **1969-1970**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

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

Surveyed N/A
Revised N/A
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Levelled N/A

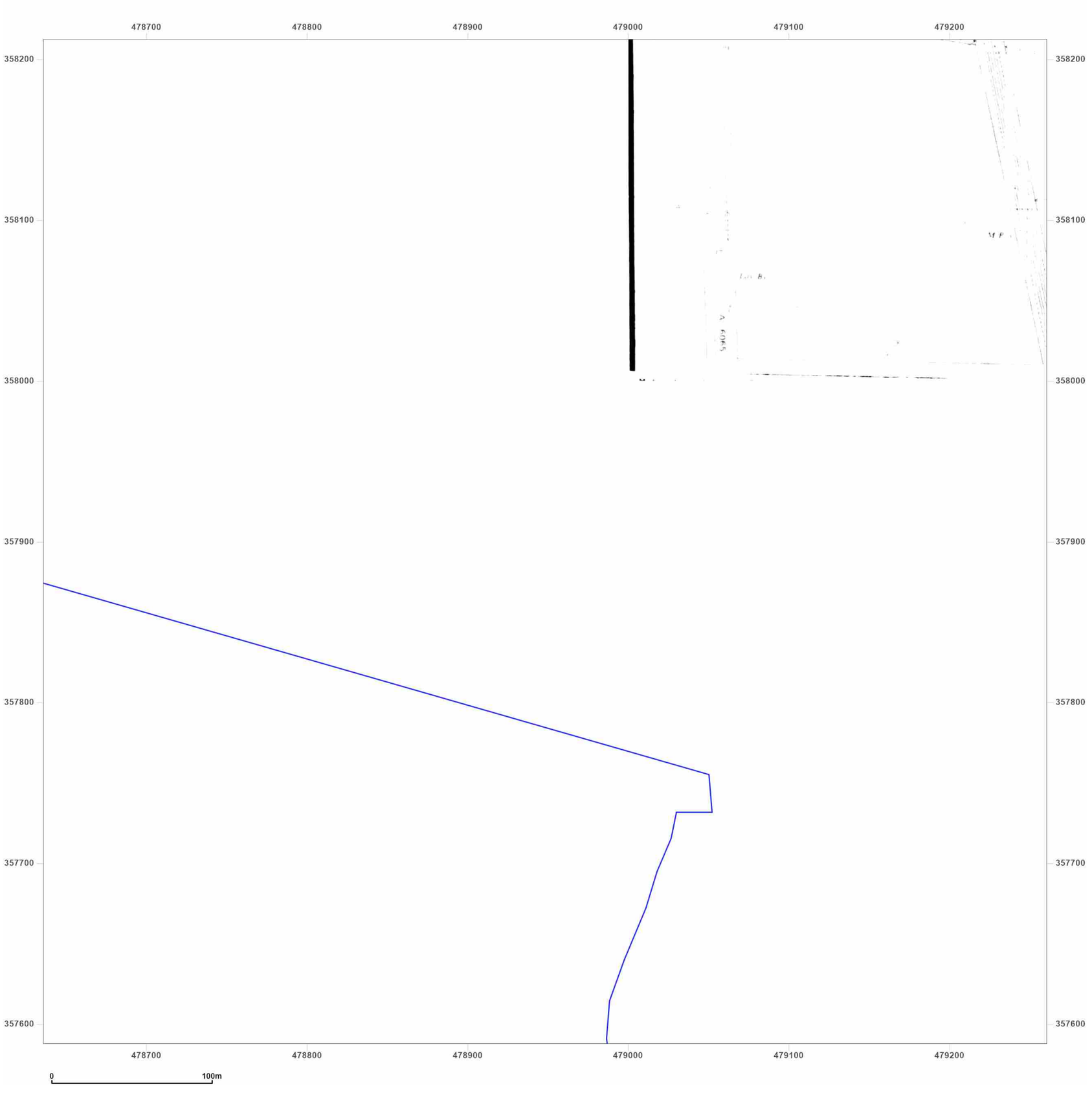
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

Map Name: National Grid

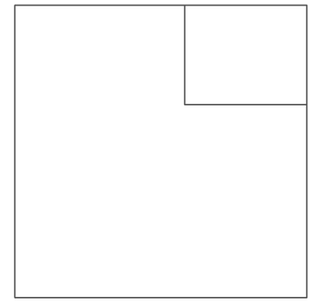
Map date: **1974**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



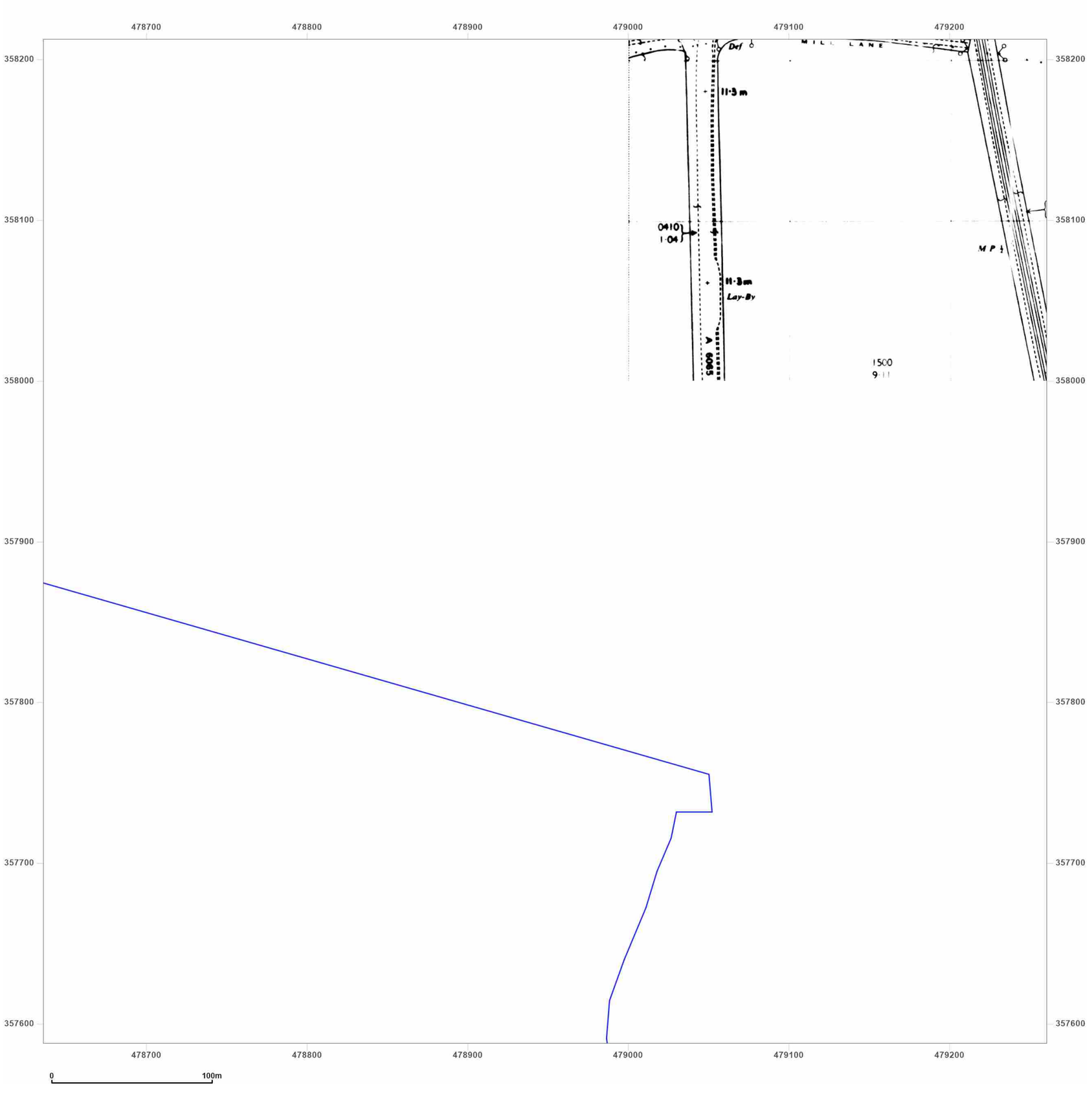
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

Map Name: National Grid

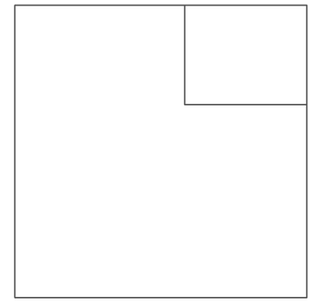
Map date: **1981**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

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



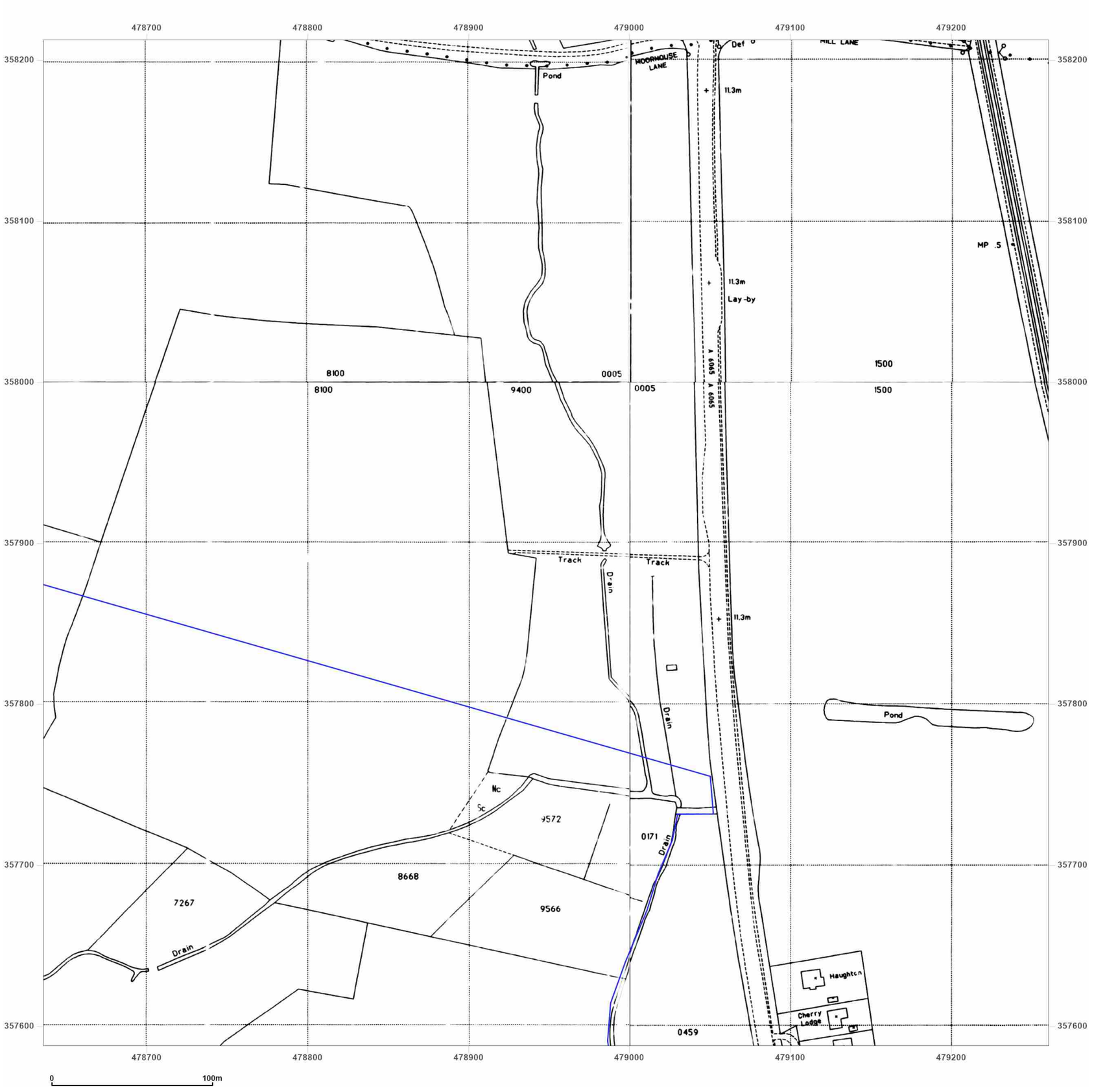
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_5_LS_9_8
Grid Ref: 478948, 357900

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

N
W E
S

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

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

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

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

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Production date: 24 October 2024

Map legend available at: [redacted]

ANNEX G – GROUNDSURE ENVIRO AND GEO INSIGHT REPORT GSIP-2024-16448-21124_F_1 AND MAP INSIGHT REPORT GSIP-2024-16448-21123_6

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

GNRSP

Order Details

Date: 24/10/2024

Your ref: GNRSP

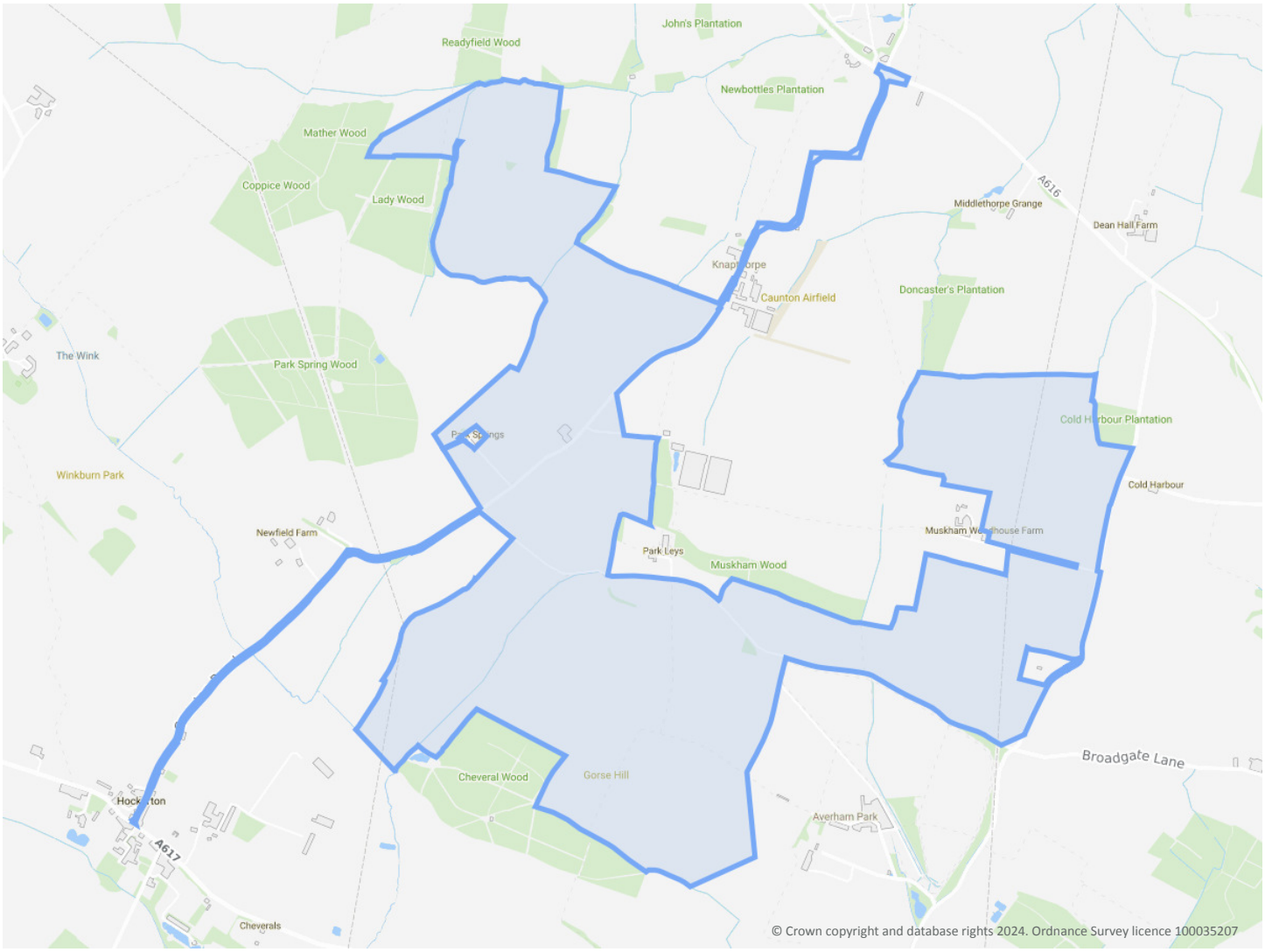
Our Ref: GSIP-2024-16448-21124_F

Site Details

Location: 473621 357912

Area: 365.95 ha

Authority: Newark and Sherwood District Council ↗



Summary of findings p. 2 >

Aerial image p. 9 >

OS MasterMap site plan N/A: >10ha

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 >	2	0	1	7	-
15 >	1.2 >	Historical tanks >	0	1	2	2	-
16	1.3	Historical energy features	0	0	0	0	-
16	1.4	Historical petrol stations	0	0	0	0	-
16 >	1.5 >	Historical garages >	0	1	0	0	-
17	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
18 >	2.1 >	Historical industrial land uses >	3	0	1	7	-
19 >	2.2 >	Historical tanks >	0	1	2	3	-
20	2.3	Historical energy features	0	0	0	0	-
20	2.4	Historical petrol stations	0	0	0	0	-
20 >	2.5 >	Historical garages >	0	1	1	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
21	3.1	Active or recent landfill	0	0	0	0	-
21	3.2	Historical landfill (BGS records)	0	0	0	0	-
22	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
22	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
22	3.5	Historical waste sites	0	0	0	0	-
22	3.6	Licensed waste sites	0	0	0	0	-
22 >	3.7 >	Waste exemptions >	11	25	72	45	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
35 >	4.1 >	Recent industrial land uses >	6	3	5	-	-
36	4.2	Current or recent petrol stations	0	0	0	0	-
36	4.3	Electricity cables	0	0	0	0	-
37	4.4	Gas pipelines	0	0	0	0	-
37	4.5	Sites determined as Contaminated Land	0	0	0	0	-

37	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
37	4.7	Regulated explosive sites	0	0	0	0	-
37	4.8	Hazardous substance storage/usage	0	0	0	0	-
38	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
38 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	0	6	4	-
39 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	2	0	0	0	-
40	4.12	Radioactive Substance Authorisations	0	0	0	0	-
40 >	4.13 >	Licensed Discharges to controlled waters >	0	1	2	5	-
41	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
42	4.15	Pollutant release to public sewer	0	0	0	0	-
42	4.16	List 1 Dangerous Substances	0	0	0	0	-
42	4.17	List 2 Dangerous Substances	0	0	0	0	-
42 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	4	2	-
43 >	4.19 >	Pollution inventory substances >	0	0	3	3	-
45 >	4.20 >	Pollution inventory waste transfers >	0	0	1	1	-
47	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
48 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
50 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
55 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
70	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
70	5.5	Groundwater vulnerability- local information	None (within 0m)				
71 >	5.6 >	Groundwater abstractions >	0	0	1	0	5
73 >	5.7 >	Surface water abstractions >	0	0	0	0	2
74 >	5.8 >	Potable abstractions >	0	0	0	0	1
74	5.9	Source Protection Zones	0	0	0	0	-
74	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
75 >	6.1 >	Water Network (OS MasterMap) >	41	14	42	-	-

83 >	6.2 >	Surface water features >	1	9	22	-	-
83 >	6.3 >	WFD Surface water body catchments >	3	-	-	-	-
84 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
85 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
86 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
87	7.2	Historical Flood Events	0	0	0	-	-
87	7.3	Flood Defences	0	0	0	-	-
87	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
87	7.5	Flood Storage Areas	0	0	0	-	-
88 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
89 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
90 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
92 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
93 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	1	0	0	0	0
94	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
94	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
94	10.4	Special Protection Areas (SPA)	0	0	0	0	0
94	10.5	National Nature Reserves (NNR)	0	0	0	0	0
95	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
95 >	10.7 >	Designated Ancient Woodland >	6	2	2	1	4
96	10.8	Biosphere Reserves	0	0	0	0	0
96	10.9	Forest Parks	0	0	0	0	0
96	10.10	Marine Conservation Zones	0	0	0	0	0
96	10.11	Green Belt	0	0	0	0	0
96	10.12	Proposed Ramsar sites	0	0	0	0	0

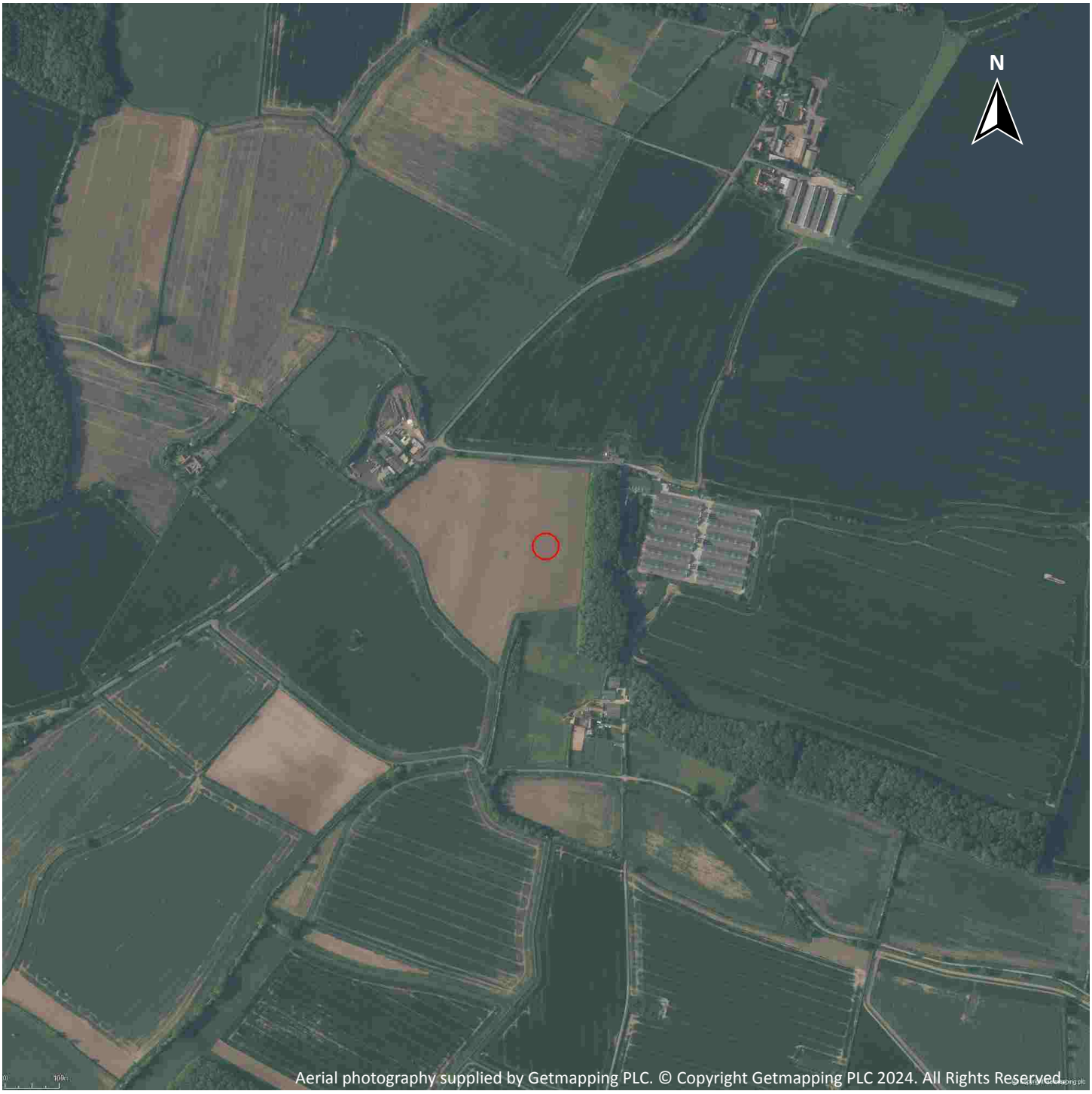
97	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
97	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
97	10.15	Nitrate Sensitive Areas	0	0	0	0	0
97 >	10.16 >	Nitrate Vulnerable Zones >	4	0	0	3	4
99 >	10.17 >	SSSI Impact Risk Zones >	10	-	-	-	-
103 >	10.18 >	SSSI Units >	1	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
104	11.1	World Heritage Sites	0	0	0	-	-
105	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
105	11.3	National Parks	0	0	0	-	-
105 >	11.4 >	Listed Buildings >	0	1	5	-	-
106 >	11.5 >	Conservation Areas >	1	0	0	-	-
106	11.6	Scheduled Ancient Monuments	0	0	0	-	-
106	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
107 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
108	12.2	Open Access Land	0	0	0	-	-
108	12.3	Tree Felling Licences	0	0	0	-	-
108 >	12.4 >	Environmental Stewardship Schemes >	7	1	0	-	-
109 >	12.5 >	Countryside Stewardship Schemes >	14	0	1	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
110 >	13.1 >	Priority Habitat Inventory >	21	13	30	-	-
113	13.2	Habitat Networks	0	0	0	-	-
113	13.3	Open Mosaic Habitat	0	0	0	-	-
113	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
114 >	14.1 >	10k Availability >	Identified (within 500m)				
115	14.2	Artificial and made ground (10k)	0	0	0	0	-
116	14.3	Superficial geology (10k)	0	0	0	0	-

116	14.4	Landslip (10k)	0	0	0	0	-
117	14.5	Bedrock geology (10k)	0	0	0	0	-
117	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
118 >	15.1 >	**50k Availability >**	Identified (within 500m)				
119	15.2	Artificial and made ground (50k)	0	0	0	0	-
119	15.3	Artificial ground permeability (50k)	0	0	-	-	-
120 >	15.4 >	**Superficial geology (50k) >**	2	0	1	0	-
121 >	15.5 >	**Superficial permeability (50k) >**	Identified (within 50m)				
121	15.6	Landslip (50k)	0	0	0	0	-
121	15.7	Landslip permeability (50k)	None (within 50m)				
122 >	15.8 >	**Bedrock geology (50k) >**	11	0	4	4	-
123 >	15.9 >	**Bedrock permeability (50k) >**	Identified (within 50m)				
124	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
126 >	16.1 >	**BGS Boreholes >**	1	1	4	-	-
Page	Section	**Natural ground subsidence >**					
128 >	17.1 >	**Shrink swell clays >**	Very low (within 50m)				
129 >	17.2 >	**Running sands >**	Low (within 50m)				
131 >	17.3 >	**Compressible deposits >**	Moderate (within 50m)				
133 >	17.4 >	**Collapsible deposits >**	Very low (within 50m)				
134 >	17.5 >	**Landslides >**	Low (within 50m)				
136 >	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
138 >	18.1 >	**BritPits >**	5	5	5	1	-
141 >	18.2 >	**Surface ground workings >**	3	2	21	-	-
143 >	18.3 >	**Underground workings >**	0	0	0	2	24
144	18.4	Underground mining extents	0	0	0	0	-
144	18.5	Historical Mineral Planning Areas	0	0	0	0	-

144	18.6	Non-coal mining	0	0	0	0	0
144	18.7	JPB mining areas	None (within 0m)				
145	18.8	The Coal Authority non-coal mining	0	0	0	0	-
145	18.9	Researched mining	0	0	0	0	-
145	18.10	Mining record office plans	0	0	0	0	-
145	18.11	BGS mine plans	0	0	0	0	-
146	18.12	Coal mining	None (within 0m)				
146	18.13	Brine areas	None (within 0m)				
146	18.14	Gypsum areas	None (within 0m)				
146	18.15	Tin mining	None (within 0m)				
146	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
147	19.1	Natural cavities	0	0	0	0	-
147	19.2	Mining cavities	0	0	0	0	0
147	19.3	Reported recent incidents	0	0	0	0	-
147	19.4	Historical incidents	0	0	0	0	-
148	19.5	National karst database	0	0	0	0	-
Page	Section	**Radon** >					
149 >	**20.1** >	**Radon** >	Less than 1% (within 0m)				
Page	Section	**Soil chemistry** >	On site	0-50m	50-250m	250-500m	500-2000m
151 >	**21.1** >	**BGS Estimated Background Soil Chemistry** >	194	21	-	-	-
159	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
159	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
160	22.1	Underground railways (London)	0	0	0	-	-
160	22.2	Underground railways (Non-London)	0	0	0	-	-
160	22.3	Railway tunnels	0	0	0	-	-
160	22.4	Historical railway and tunnel features	0	0	0	-	-
160	22.5	Royal Mail tunnels	0	0	0	-	-

161	22.6	Historical railways	0	0	0	-	-
161	22.7	Railways	0	0	0	-	-
161	22.8	Crossrail 1	0	0	0	0	-
161	22.9	Crossrail 2	0	0	0	0	-
161	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 01/06/2021

Site Area: 365.95ha

Recent site history - 2018 aerial photograph



Capture Date: 15/05/2018

Site Area: 365.95ha

Recent site history - 2013 aerial photograph



Capture Date: 19/07/2013

Site Area: 365.95ha

Recent site history - 2007 aerial photograph



Capture Date: 31/07/2007

Site Area: 365.95ha

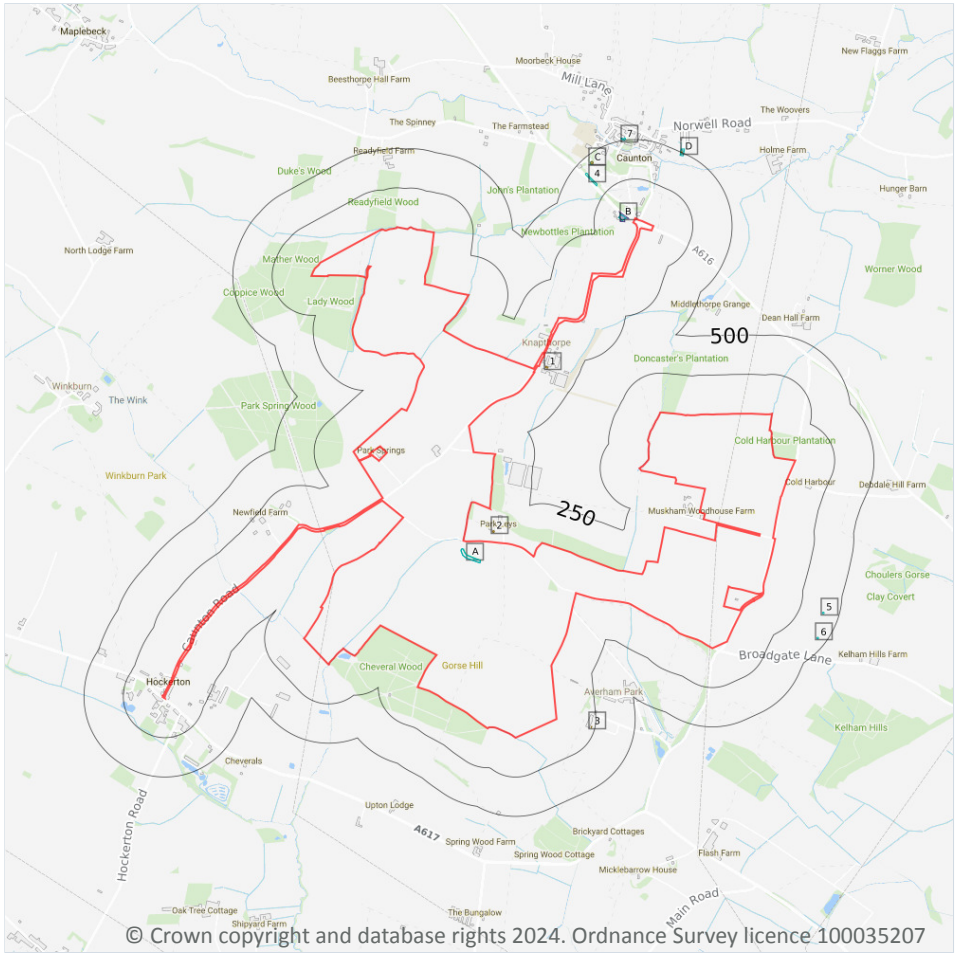
Recent site history - 1999 aerial photograph



Capture Date: 18/06/1999

Site Area: 365.95ha

1 Past land use



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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical garages

1.1 Historical industrial land uses

Records within 500m	10

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
A	**On site**	**Unspecified Pit**	**1899 - 1921**	**1730582**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Unspecified Pit**	**1950**	**1774042**
B	53m N	Garage	1971	1603427
4	321m N	Unspecified Heap	1921	1619936
5	395m E	Oil Bore Hole	1971	1637115
6	439m E	Oil Bore Hole	1971	1637116
C	439m N	Unspecified Tank	1921	1626349
D	480m NE	Sewage Works	1971	1624941
D	491m NE	Unspecified Tank	1971	1626350
7	499m N	Smithy	1921 - 1950	1706899

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**5**

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
1	40m N	Unspecified Tanks	1970	265579
2	62m SW	Unspecified Tank	1991	270229
3	226m S	Unspecified Tank	1970	270263
C	440m N	Unspecified Tank	1966 - 1976	279683
D	498m NE	Unspecified Tank	1976	270244

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

1.4 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	1

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original 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
B	39m N	Garage	1966 - 1976	57448

This data is sourced from Ordnance Survey / Groundsure.

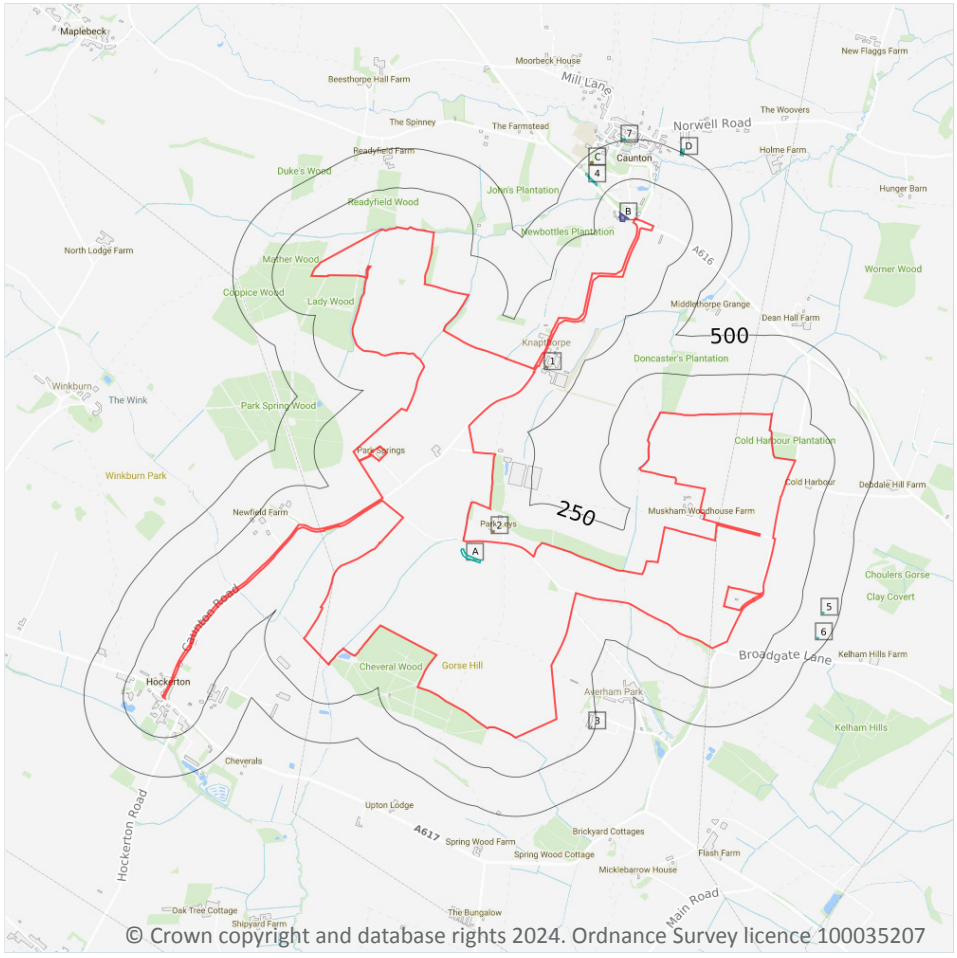
1.6 Historical military land

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 garages

2.1 Historical industrial land uses

Records within 500m	11

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 18 >**

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Pit	1921	1730582
A	On site	Unspecified Pit	1950	1774042
A	On site	Unspecified Pit	1899	1730582

ID	Location	Land Use	Date	Group ID
B	53m N	Garage	1971	1603427
4	321m N	Unspecified Heap	1921	1619936
5	395m E	Oil Bore Hole	1971	1637115
6	439m E	Oil Bore Hole	1971	1637116
C	439m N	Unspecified Tank	1921	1626349
D	480m NE	Sewage Works	1971	1624941
D	491m NE	Unspecified Tank	1971	1626350
7	499m N	Smithy	1950	1706899

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**6**

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 18 >**

ID	Location	Land Use	Date	Group ID
1	40m N	Unspecified Tanks	1970	265579
2	62m SW	Unspecified Tank	1991	270229
3	226m S	Unspecified Tank	1970	270263
C	440m N	Unspecified Tank	1966	279683
C	440m N	Unspecified Tank	1976	279683
D	498m NE	Unspecified Tank	1976	270244

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	2

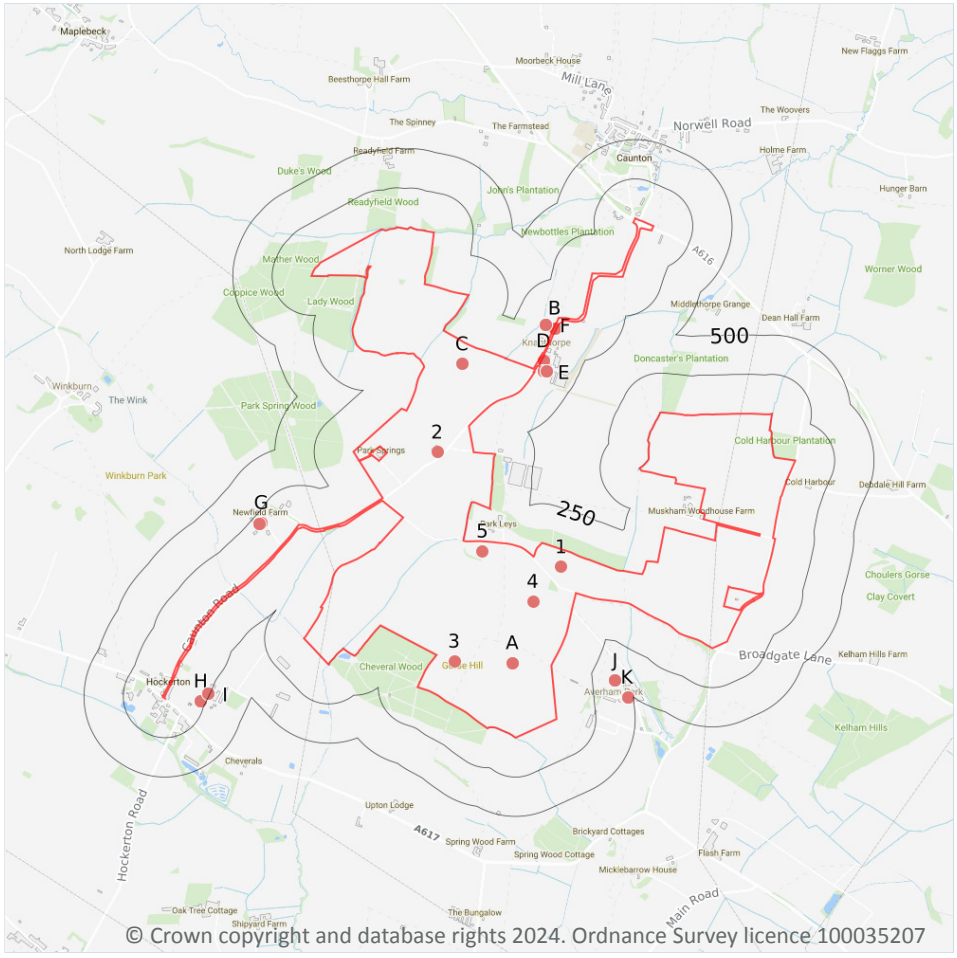
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18 >**

ID	Location	Land Use	Date	Group ID
B	39m N	Garage	1976	57448
B	55m N	Garage	1966	57448

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



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3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

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

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

3.5 Historical waste sites

Records within 500m	0

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

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

3.6 Licensed waste sites

Records within 500m	0

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

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

3.7 Waste exemptions

Records within 500m	153

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 21 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	**On site**	**Land At Sk7413057340**	**EPR/AE5046EU/A001**	**Storing waste exemption**	**Non-agricultural waste only**	**Storage of sludge**

ID	Location	Site	Reference	Category	Sub-Category	Description
2	**On site**	**Bedmax, Hockerton Road, Caunton, Newark, Ng23 6ba**	**WEX139145**	**Disposing of waste exemption**	**Not on a farm**	**Burning waste in the open**
3	**On site**	**Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs**	**WEX026452**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
4	**On site**	**Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs**	**WEX026467**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
5	**On site**	**Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs**	**WEX026468**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
A	**On site**	**Land At Sk7382056730**	**EPR/XE5046EM/A001**	**Storing waste exemption**	**Non-agricultural waste only**	**Storage of sludge**
A	**On site**	**Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs**	**WEX082132**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
B	**On site**	**Knapthorpe Grange Newark Nottinghamshire Ng23 6az**	**EPR/LH0971LF/A001**	**Disposing of waste exemption**	**Agricultural waste only**	**Burning waste in the open**
B	**On site**	**Knapthorpe Grange Newark Nottinghamshire Ng23 6az**	**EPR/LH0971LF/A001**	**Disposing of waste exemption**	**Agricultural waste only**	**Deposit of waste from dredging of inland waters**
C	**On site**	**-**	**WEX019400**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
C	**On site**	**Manor Farm, Ollerton Road, Kelham, Newark, Ng23 5qs**	**WEX138536**	**Storing waste exemption**	**On a farm**	**Storage of sludge**
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY/A001	Storing waste exemption	Agricultural waste only	Storage of waste in secure containers
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste

ID	Location	Site	Reference	Category	Sub-Category	Description
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY /A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY /A001	Using waste exemption	Agricultural waste only	Use of waste in construction
D	14m N	Little Manor Farm Knapthorpe Ng23 6az	EPR/EE5082UY /A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Using waste exemption	On a farm	Use of waste in construction
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Using waste exemption	On a farm	Use of waste for a specified purpose
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Disposing of waste exemption	On a farm	Burning waste in the open
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX246886	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Disposing of waste exemption	On a farm	Burning waste in the open
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters

ID	Location	Site	Reference	Category	Sub-Category	Description
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Using waste exemption	On a farm	Use of waste in construction
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
E	48m N	1 Knapthorpe Lodge, Hockerton Road, Caunton, Newark Notts, Ng23 6az	WEX104628	Using waste exemption	On a farm	Use of waste for a specified purpose
F	54m N	Knapthorpe Grange, Knapthorpe, Newark, Ng23 6az	WEX169712	Disposing of waste exemption	On a farm	Burning waste in the open
F	54m N	Knapthorpe Grange, Knapthorpe, Newark, Ng23 6az	WEX169712	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	54m N	Knapthorpe Grange, Knapthorpe, Newark, Ng23 6az	WEX010109	Disposing of waste exemption	On a farm	Burning waste in the open
F	54m N	Knapthorpe Grange, Knapthorpe, Newark, Ng23 6az	WEX010109	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	54m N	Knapthorpe Grange, Knapthorpe, Newark, Ng23 6az	WEX304033	Disposing of waste exemption	On a farm	Burning waste in the open
F	54m N	Knapthorpe Grange, Knapthorpe, Newark, Ng23 6az	WEX304033	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters

ID	Location	Site	Reference	Category	Sub-Category	Description
E	62m N	-	WEX372291	Disposing of waste exemption	On a farm	Burning waste in the open
E	62m N	-	WEX372291	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	62m N	-	WEX372291	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	62m N	-	WEX372291	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
E	62m N	-	WEX372291	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	62m N	-	WEX372291	Using waste exemption	On a farm	Use of waste for a specified purpose
E	62m N	-	WEX372291	Using waste exemption	On a farm	Use of waste in construction
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Treating waste exemption	Agricultural waste only	Crushing and emptying waste vehicle oil filters
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
E	62m N	1 Knapthorpe Lodge Newark Nottinghamshire Ng23 6az	EPR/KF0837QW/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
G	192m W	Newfield Farm Caunton Road Southwell Nottinghamshire Ng25 0pn	EPR/AF0538TX/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
G	192m W	Newfield Farm Caunton Road Southwell Nottinghamshire Ng25 0pn	EPR/AF0538TX/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
G	192m W	Newfield Farm Caunton Road Southwell Nottinghamshire Ng25 0pn	EPR/AF0538TX/A001	Using waste exemption	Agricultural waste only	Use of mulch
G	192m W	Newfield Farm Caunton Road Southwell Nottinghamshire Ng25 0pn	EPR/AF0538TX/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from a portable sanitary convenience
G	192m W	Newfield Farm Caunton Road Southwell Nottinghamshire Ng25 0pn	EPR/AF0538TX/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
G	192m W	Newfield Farm Caunton Road Southwell Nottinghamshire Ng25 0pn	EPR/AF0538TX/A001	Using waste exemption	Agricultural waste only	Spreading waste on non-agricultural land to confer benefit
G	197m W	Newfield Farm, Caunton Road, Hockerton, Southwell, Ng25 0pn	WEX068478	Using waste exemption	On a farm	Use of mulch
G	197m W	Newfield Farm, Caunton Road, Hockerton, Southwell, Ng25 0pn	WEX068478	Disposing of waste exemption	On a farm	Deposit of waste from a portable sanitary convenience
G	197m W	Newfield Farm, Caunton Road, Hockerton, Southwell, Ng25 0pn	WEX068478	Using waste exemption	On a farm	Use of waste in construction
G	197m W	Newfield Farm, Caunton Road, Hockerton, Southwell, Ng25 0pn	WEX068478	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
G	197m W	Newfield Farm, Caunton Road, Hockerton, Southwell, Ng25 0pn	WEX068478	Disposing of waste exemption	On a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
G	197m W	Newfield Farm, Caunton Road, Hockerton, Southwell, Ng25 0pn	WEX068478	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Using waste exemption	On a farm	Use of waste in construction
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Using waste exemption	On a farm	Use of waste for a specified purpose
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Using waste exemption	On a farm	Pig and poultry ash
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Treating waste exemption	On a farm	Recovery of scrap metal
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX310384	Disposing of waste exemption	On a farm	Burning waste in the open
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste

ID	Location	Site	Reference	Category	Sub-Category	Description
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Using waste exemption	On a farm	Use of waste in construction
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Using waste exemption	On a farm	Pig and poultry ash
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Using waste exemption	On a farm	Use of waste for a specified purpose
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Disposing of waste exemption	On a farm	Burning waste in the open
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Treating waste exemption	On a farm	Recovery of scrap metal
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX179867	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Using waste exemption	On a farm	Use of waste in construction
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Using waste exemption	On a farm	Pig and poultry ash
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance

ID	Location	Site	Reference	Category	Sub-Category	Description
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Using waste exemption	On a farm	Use of waste for a specified purpose
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Disposing of waste exemption	On a farm	Burning waste in the open
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Treating waste exemption	On a farm	Recovery of scrap metal
H	219m SW	Woodside Farm, Newark Road, Hockerton, Southwell, Ng25 0pw	WEX020109	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Treating waste exemption	Agricultural waste only	Recovery of scrap metal
I	241m SW	Woodside Farm Newark Road Southwell Nottinghamshire Ng25 0pw	EPR/SH0071KQ/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
J	393m SE	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
J	393m SE	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
J	393m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
J	393m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
J	393m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
J	393m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
J	393m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/GF0031LM/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Storing waste exemption	On a farm	Storage of sludge
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
K	458m SE	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

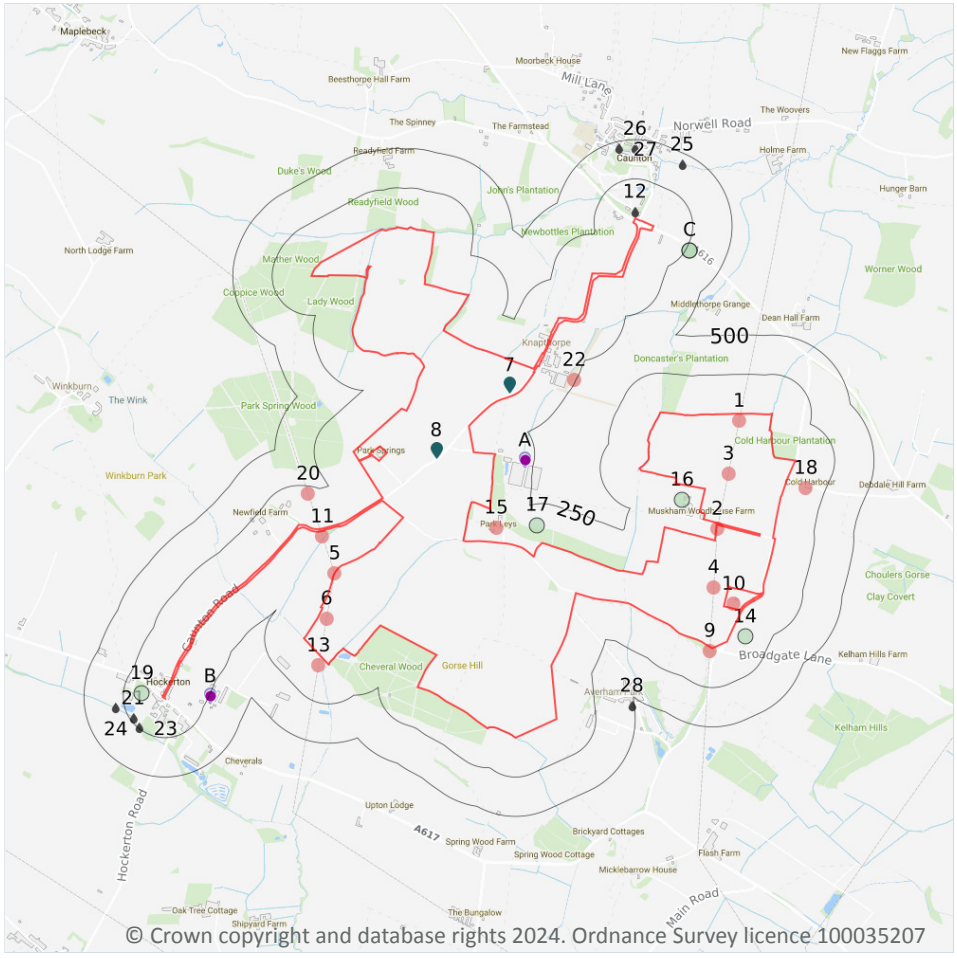
ID	Location	Site	Reference	Category	Sub-Category	Description
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Use of waste for a specified purpose
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Use of waste in construction
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Disposing of waste exemption	On a farm	Burning waste in the open
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX323010	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Use of waste in construction
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Use of waste for a specified purpose
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
K	458m SE	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
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
K	458m SE	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
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Storing waste exemption	On a farm	Storage of sludge
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
K	458m SE	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
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Use of waste in construction
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Use of waste for a specified purpose
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX168788	Disposing of waste exemption	On a farm	Burning waste in the open
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX196355	Disposing of waste exemption	On a farm	Burning waste in the open
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Disposing of waste exemption	On a farm	Burning waste in the open
K	458m SE	Averham Park Farm, Averham, Newark, Ng23 5ru	WEX042336	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
K	458m SE	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	466m SE	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
K	466m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste
K	466m SE	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
K	466m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
K	466m SE	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
K	466m SE	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
K	466m SE	Averham Park Farm Newark Nottinghamshire Ng23 5ru	EPR/KE5785GT/A001	Storing waste exemption	Non-agricultural waste only	Storage of sludge
K	466m SE	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
K	466m SE	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

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

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	14

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 35 >**

ID	Location	Company	Address	Activity	Category
1	**On site**	**Pylon**	**Nottinghamshire, NG23**	**Electrical Features**	**Infrastructure and Facilities**
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**
9	23m SE	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
10	30m E	Mast (Radio)	Nottinghamshire, NG23	Telecommunications Features	Infrastructure and Facilities
11	35m W	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
13	51m SW	Pylon	Nottinghamshire, NG25	Electrical Features	Infrastructure and Facilities
15	94m SW	Pump	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
18	131m E	Harbour	Nottinghamshire, NG23	Moorings and Unloading Facilities	Water
20	201m W	Pylon	Nottinghamshire, NG25	Electrical Features	Infrastructure and Facilities
22	241m NE	Poultry Houses	Nottinghamshire, NG23	Poultry Farming, Equipment and Supplies	Farming

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	**0**

Open, closed, under development and obsolete petrol stations.

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	0

High pressure underground gas transmission pipelines.

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	0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	10

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 35 >**

ID	Location	Details	
A	191m N	Operator: GERMANY FARMS LIMITED Installation Name: Muskham & Knapthorpe Poultry Units EPR/BS9202IH Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: BS9202IH Original Permit Number: BS9202IH	EPR Reference: EPR/BS9202IH Issue Date: 16/09/2020 Effective Date: 16/09/2020 Last date noted as effective: 06/08/2024 Status: Effective
A	191m N	Operator: R GERMANY LTD Installation Name: - Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: BS9202 Original Permit Number: BS9202	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
A	191m N	Operator: Germany Farms Limited Installation Name: Muskham Wood Poultry Unit EPR/BS9202IH Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: KP3534RU Original Permit Number: BS9202IH	EPR Reference: - Issue Date: 20/01/2016 Effective Date: 20/01/2016 Last date noted as effective: 21/03/2023 Status: Superceded
A	191m N	Operator: Germany Farms Limited Installation Name: Muskham & Knapthorpe Poultry Units EPR/BS9202IH Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: YP3803SY Original Permit Number: BS9202IH	EPR Reference: - Issue Date: 16/09/2020 Effective Date: 16/09/2020 Last date noted as effective: 21/03/2023 Status: Effective
A	191m N	Operator: Germany Farms Limited Installation Name: Muskham Wood Poultry Unit EPR/BS9202IH Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: UP3539ZT Original Permit Number: BS9202IH	EPR Reference: - Issue Date: 17/11/2015 Effective Date: 17/11/2015 Last date noted as effective: 21/03/2023 Status: Superceded

ID	Location	Details	
A	191m N	Operator: Germany Farms Limited Installation Name: Muskham & Knapthorpe Poultry Units EPR/BS9202IH Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: UP3037RF Original Permit Number: BS9202IH	EPR Reference: - Issue Date: 11/08/2016 Effective Date: 11/08/2016 Last date noted as effective: 21/03/2023 Status: Superceded
B	258m SW	Operator: WOODSIDE FARMING LIMITED Installation Name: Woodside Farm - EPR/CP3432VR Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: CP3432VR Original Permit Number: CP3432VR	EPR Reference: EPR/CP3432VR Issue Date: 26/01/2021 Effective Date: 26/01/2021 Last date noted as effective: 06/08/2024 Status: Effective
B	258m SW	Operator: WOODSIDE FARMING LTD Installation Name: WOODSIDE FARM Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: LP3638QE Original Permit Number: CP3432VR	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 26/10/2020 Status: DETERMINATION
B	258m SW	Operator: Woodside Farming Limited Installation Name: Woodside Farm - EPR/CP3432VR Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: EP3736YN Original Permit Number: CP3432VR	EPR Reference: - Issue Date: 20/07/2017 Effective Date: 20/07/2017 Last date noted as effective: 21/03/2023 Status: Superceded
B	258m SW	Operator: Woodside Farming Limited Installation Name: Woodside Farm - EPR/CP3432VR Process: INTENSIVE FARMING; > 40,000 POULTRY Permit Number: YP3409LA Original Permit Number: CP3432VR	EPR Reference: - Issue Date: 26/01/2021 Effective Date: 26/01/2021 Last date noted as effective: 21/03/2023 Status: Effective

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

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

Records within 500m **2**

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 35 >**

ID	Location	Address	Details	
7	**On site**	**Caunton Grass Driers Ltd, Hockerton Rd, Cauton, Newark, Notttinghamshire, NG23 6BA**	**Process: Vegetable Matter Drying Processes Status: Historical Permit Permit Type: Part B**	**Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified**

ID	Location	Address	Details	
8	**On site**	**Bedmax, Caunton Road, Hockerton, Newark, Nottinghamshire, NG23 6BA**	**Process: Timber Manufacture** **Status: Current 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	**8**

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 35 >**

ID	Location	Address	Details	
12	41m N	CAUNTON MANOR, CAUNTON, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/69/2030 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 25/05/1972 Effective Date: 25/05/1972 Revocation Date: -
21	233m SW	1 GRANGE COTTAGE, HOCKERTON, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/08883/S Permit Version: 1 Receiving Water: HOCKERTON DUMBLE	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 19/08/1982 Effective Date: 19/08/1982 Revocation Date: -
23	246m SW	THE SPREAD EAGLE PUBLIC HOUSE, CAUTON ROAD, HOCKERTON, SOUTHWELL, NOTTINGHAMSHIRE	Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: T/68/45443/T Permit Version: 1 Receiving Water: HOCKERTON DUMBLE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/03/2001 Effective Date: 27/03/2001 Revocation Date: -

ID	Location	Address	Details	
24	306m SW	HOCKERTON GRANGE STP, HOCKERTON GRANGE, KIRKLINGTON ROAD, HOCKERTON, SOUTHWELL, NOTTINGHAMSHIRE, NG25 0PJ	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/68/45745/S Permit Version: 1 Receiving Water: HOCKERTON DUMBLE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 16/04/2003 Effective Date: 01/09/2003 Revocation Date: 30/03/2009
25	430m NE	HOUSING ESTATE ON NORWELL ROAD, CAUNTON, NEWARK, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/69/01460/S Permit Version: 1 Receiving Water: THE BECK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/12/1965 Effective Date: 13/12/1965 Revocation Date: -
26	441m N	CHURCH FARM - PSTP, CAUNTON, NEWARK, NOTTS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/69/00326/S Permit Version: 1 Receiving Water: THE BECK/NORWELL BECK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 19/02/1956 Effective Date: 19/02/1956 Revocation Date: -
27	452m N	CAUNTON NO 3 SEWER DYKE, CAUNTON, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: T/69/01566/R Permit Version: 1 Receiving Water: THE BECK/NORWELL BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 01/01/1976 Effective Date: 01/01/1976 Revocation Date: 05/10/2010
28	484m SE	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

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	0

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

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

4.18 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 35 >**

ID	Location	Details	
14	92m SE	Incident Date: 18/02/2004 Incident Identification: 218145 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
16	95m E	Incident Date: 14/02/2002 Incident Identification: 58343 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Location	Details	
17	118m SE	Incident Date: 21/09/2016 Incident Identification: 1473307 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
19	133m SW	Incident Date: 15/04/2003 Incident Identification: 153388 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	272m NE	Incident Date: 14/11/2001 Incident Identification: 42678 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	272m NE	Incident Date: 14/11/2001 Incident Identification: 42678 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) 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	**6**

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 35 >**

ID: A, Location: 191m N, Permit: BS9202IH
Operator: Germany Farms Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Muskham & Knapthorpe Poultry Units,Muskham Wood Hockerton Road Caunton Nottinghamshire NG23 6BA
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: A, Location: 191m N, Permit: BS9202IH
Operator: Germany Farms Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Muskham & Knapthorpe Poultry Units,Muskham Wood Hockerton Road Caunton Nottinghamshire NG23 6BA
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	108392kg

ID: A, Location: 191m N, Permit: BS9202IH
Operator: Germany Farms Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Muskham & Knapthorpe Poultry Units,Muskham Wood Hockerton Road Caunton Nottinghamshire NG23 6BA
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	1000kg	106267kg

ID: B, Location: 258m SW, Permit: CP3432VR
Operator: Woodside Farming Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Woodside Farm Newark Road Hockerton Nottinghamshire NG25 0PW
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

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

ID: B, Location: 258m SW, Permit: CP3432VR
Operator: Woodside Farming Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Woodside Farm Newark Road Hockerton Nottinghamshire NG25 0PW
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	6000kg

ID: B, Location: 258m SW, Permit: CP3432VR
Operator: Woodside Farming Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Woodside Farm Newark Road Hockerton Nottinghamshire NG25 0PW
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	1000kg	2500kg

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 35 >**

ID: A, Location: 191m N, Permit: BS9202IH
Operator: Germany Farms Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Muskham & Knapthorpe Poultry Units,Muskham Wood Hockerton Road Caunton Nottinghamshire NG23 6BA
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R10	Land treatment resulting in benefit to agriculture or ecological improvement	Below Reporting Threshold	Below Reporting Threshold	02 01 01	sludges from washing and cleaning	No
R5	Recycling/reclamation of other inorganic materials	Below Reporting Threshold	Below Reporting Threshold	02 01 04	waste plastics (except packaging)	No

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	Below Reporting Threshold	Below Reporting Threshold	02 01 10	waste metal	No
D1	Deposit into or onto land (eg landfill, etc.)	Below Reporting Threshold	Below Reporting Threshold	15 01 01	paper and cardboard 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

ID: B, Location: 258m SW, Permit: CP3432VR
Operator: Woodside Farming Limited
Activity: INTENSIVE FARMING; > 40,000 POULTRY
Address: Woodside Farm Newark Road Hockerton Nottinghamshire NG25 0PW
Sector: Agriculture, Sub-sector: Intensive Farming
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D1	Deposit into or onto land (eg landfill, etc.)	Below Reporting Threshold	Below Reporting Threshold	02 01 04	waste plastics (except packaging)	No
D1	Deposit into or onto land (eg landfill, etc.)	Below Reporting Threshold	Below Reporting Threshold	15 01 01	paper and cardboard 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	18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection	No

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

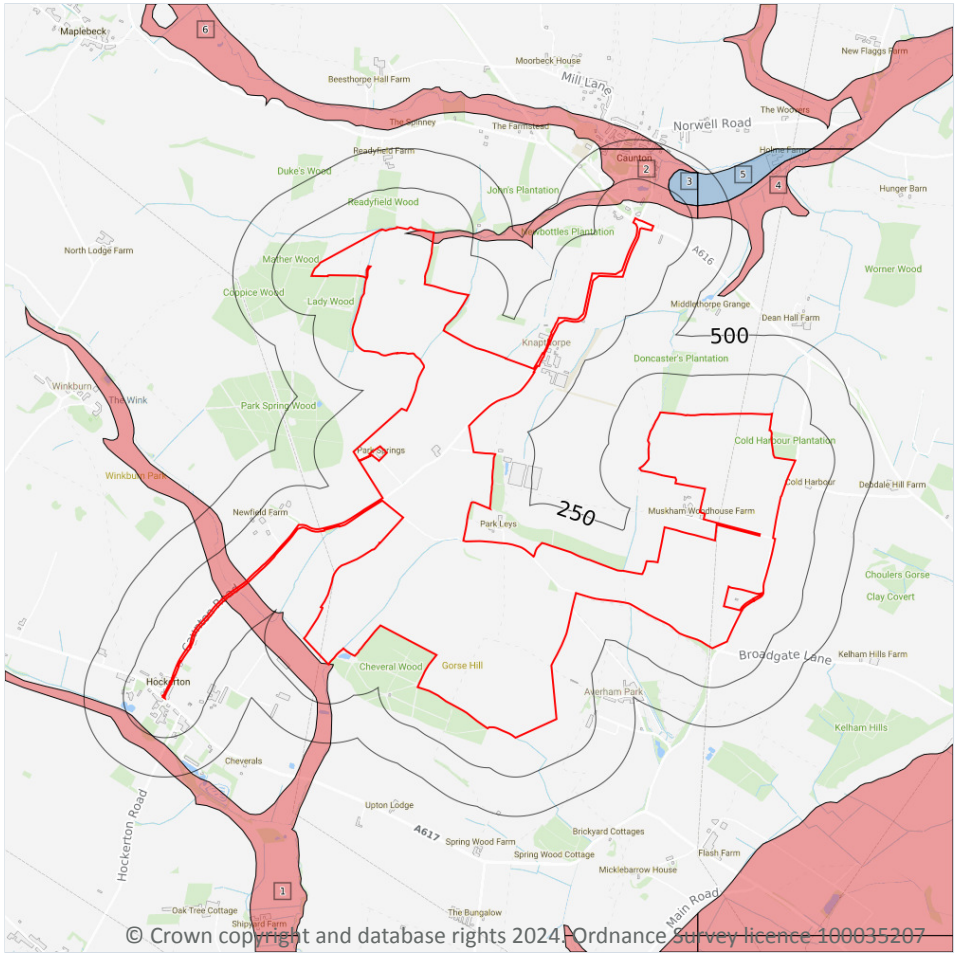
4.21 Pollution inventory radioactive waste

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	7

Aquifer status of groundwater held within superficial geology.

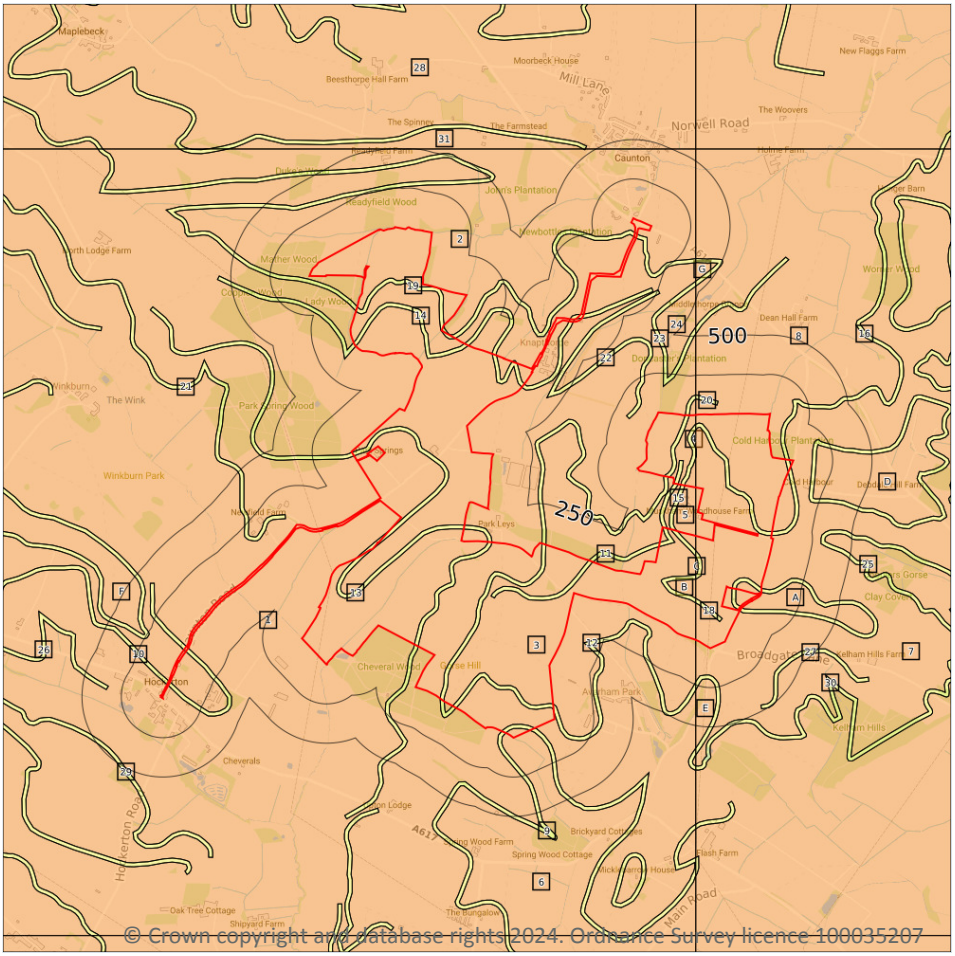
Features are displayed on the Hydrogeology map on **page 48 >**

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	214m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	286m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	310m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	441m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
7	441m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

Bedrock aquifer



Site Outline

Search buffers in metres (m)

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

5.2 Bedrock aquifer

Records within 500m	45

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 50 >**

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 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
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
14	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
15	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

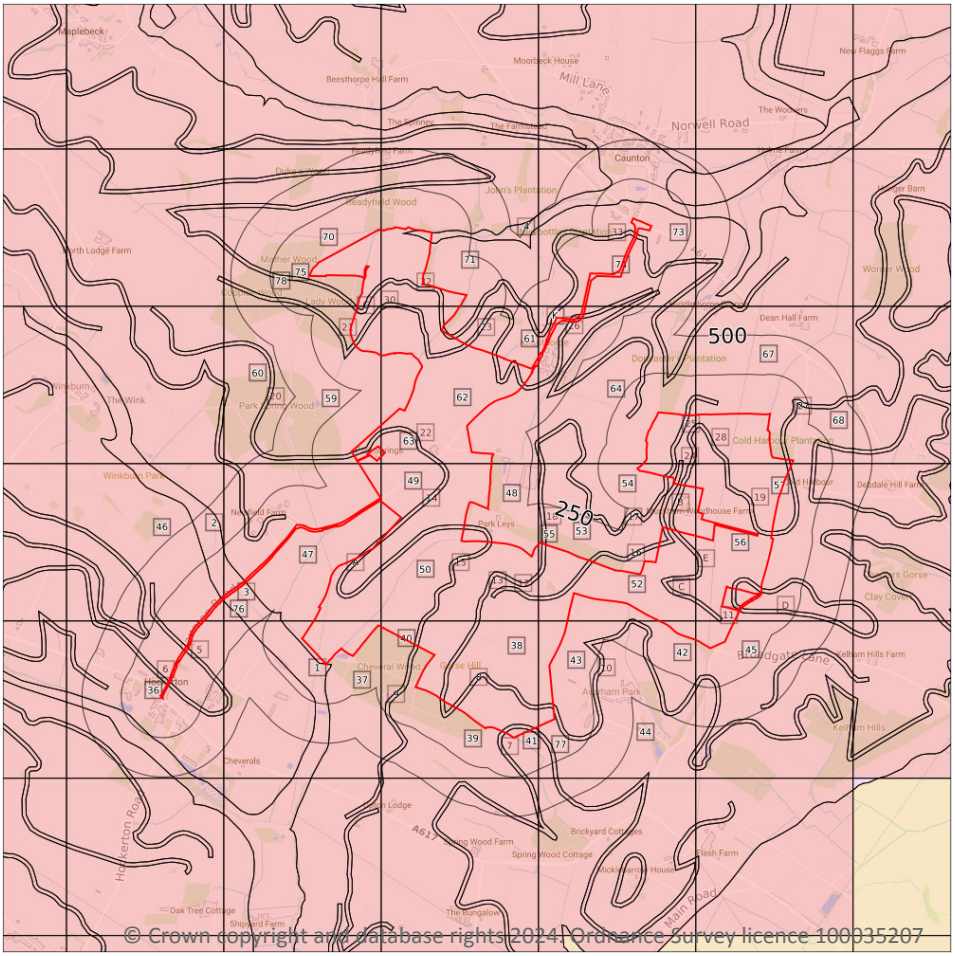
ID	Location	Designation	Description
16	**On site**	**Secondary (undifferentiated)**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
17	**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**
18	**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**
19	**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**
B	**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**
B	**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**
C	**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**
C	**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**
20	58m NE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
21	80m 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
22	90m NE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
D	120m E	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
D	145m E	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
23	167m NE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
E	170m SE	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	196m SE	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
24	224m NE	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	238m 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
F	263m 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
25	304m E	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
26	339m 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
G	344m NE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
G	358m NE	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
27	371m SE	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
28	441m N	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
29	459m 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
30	484m SE	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
31	497m N	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

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	101

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 55 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
13	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
14	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
15	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
16	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
17	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
18	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
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: Low 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: Low 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
22	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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: Low 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: Low 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: Low 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
26	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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: No Data	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

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
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: Low 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
33	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	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: <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
36	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
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
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

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
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: No Data	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: No Data	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: No Data	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: 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
47	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
48	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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: Low 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
50	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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: Low 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
52	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
55	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
56	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
57	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
58	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
59	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
60	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
61	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
62	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
63	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
64	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
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
65	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
B	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
B	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
66	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
C	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
67	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
D	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
D	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
68	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
E	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
E	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
69	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
F	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
F	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
70	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
G	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
G	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
71	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
H	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
H	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
72	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
I	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
I	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
I	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
73	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
J	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low 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**
J	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low 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**
74	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
75	4m NW	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
76	9m 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
K	12m N	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
77	23m S	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
78	37m NW	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
K	38m N	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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.

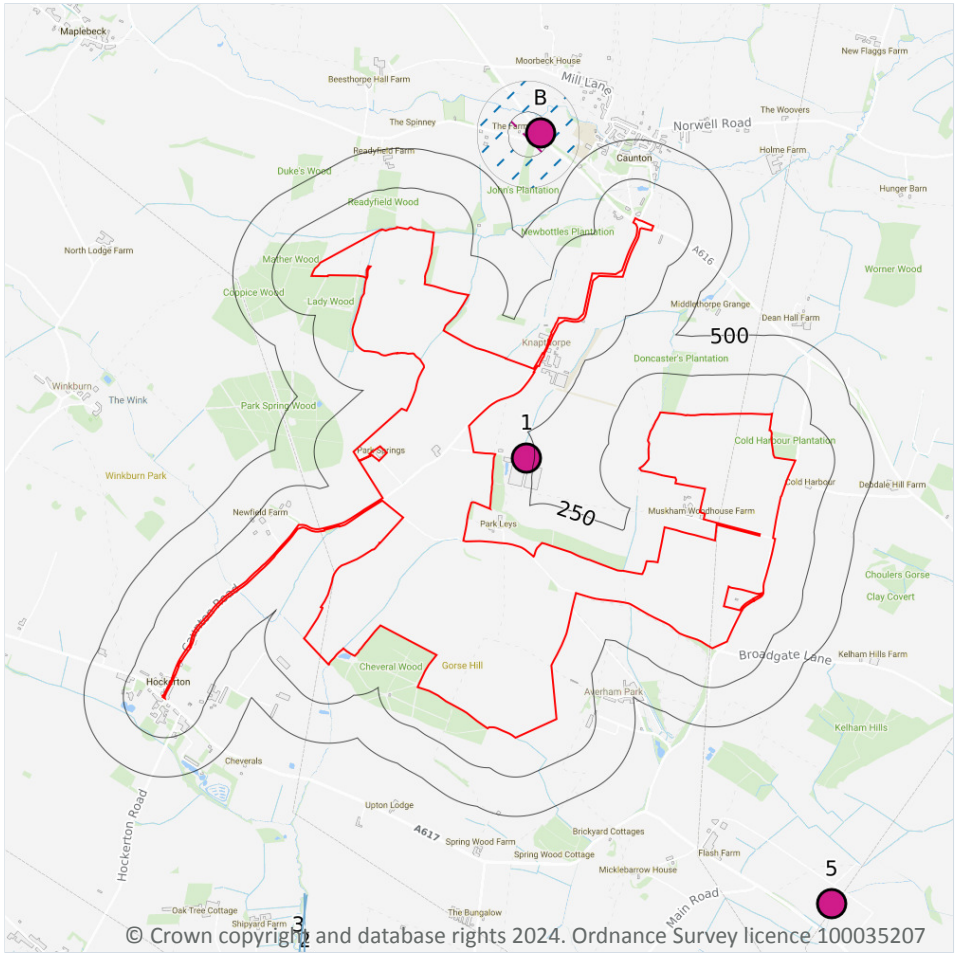
5.5 Groundwater vulnerability- local information

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	6

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 71 >**

ID	Location	Details	
1	200m N	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: -
B	810m N	Status: Active Licence No: 03/28/69/0120 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: CAUNTON Data Type: Point Name: Severn Trent Water Ltd Easting: 474000 Northing: 360100	Annual Volume (m^3): 4392000 Max Daily Volume (m^3): 15000 Original Application No: NPS/WR/019919 Original Start Date: 19/04/1968 Expiry Date: - Issue No: 103 Version Start Date: 03/12/2018 Version End Date: -
-	1629m E	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: -
5	1794m SE	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: -
-	1946m E	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: -

ID	Location	Details	
-	1946m E	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: -

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

5.7 Surface water abstractions

Records within 2000m	**2**

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 71 >**

ID	Location	Details	
2	1461m SW	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: -
3	1469m SW	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: -

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

5.8 Potable abstractions

Records within 2000m	1

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 71 >**

ID	Location	Details	
B	810m N	Status: Active Licence No: 03/28/69/0120 Details: Potable Water Supply - Direct Direct Source: Groundwater Midlands Region Point: CAUNTON Data Type: Point Name: Severn Trent Water Ltd Easting: 474000 Northing: 360100	Annual Volume (m^3): 4392000 Max Daily Volume (m^3): 15000 Original Application No: NPS/WR/019919 Original Start Date: 19/04/1968 Expiry Date: - Issue No: 103 Version Start Date: 03/12/2018 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	0

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

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

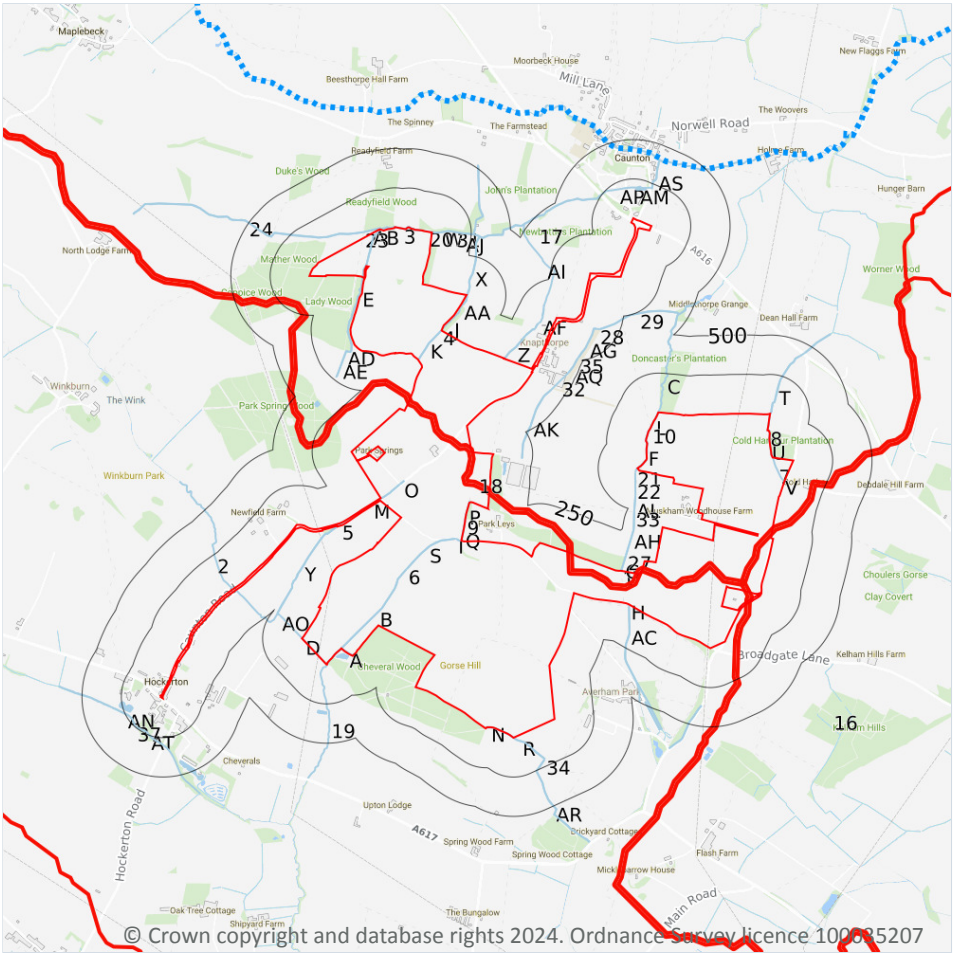
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

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

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

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m	97

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

Features are displayed on the Hydrology map on **page 75 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	**On site**	**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
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Wink
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.	Underground	Watercourse contains water year round (in normal circumstances)	-
7	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	On site	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.	Underground	Watercourse contains water year round (in normal circumstances)	-
10	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	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
A	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Wink
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.	Underground	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.	Underground	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)	-
N	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	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)	-
Q	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
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.	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)	-
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.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
V	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
19	2m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Wink
20	2m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	2m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	2m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	3m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	7m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	8m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AA	8m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
21	19m E	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	21m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
22	28m 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
23	33m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
24	35m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	68m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AD	69m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	70m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	80m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	85m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	87m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AF	91m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	92m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AF	94m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
27	99m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	100m 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
AF	102m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AH	102m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	110m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
28	115m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AI	116m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
29	134m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	136m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
31	143m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AJ	146m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AK	146m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
32	160m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AL	162m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	181m N	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
AO	194m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	The Wink
AP	195m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	196m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	196m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	198m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	198m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AO	199m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Wink
33	205m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
34	206m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AR	209m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	212m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
35	213m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AO	218m 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
AM	219m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AS	219m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	228m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Hockerton Dumble
AT	235m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Hockerton Dumble
37	245m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Hockerton Dumble

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	32

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

Features are displayed on the Hydrology map on **page 75 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	3

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

Features are displayed on the Hydrology map on **page 75 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
16	**On site**	**River**	**Trent Bifurcation Pingley Dyke to Winthorpe**	**GB104028053390**	**Nottinghamshire South A**	**Trent Lower and Erewash**
17	**On site**	**River**	**The Beck Catchment (trib of Trent)**	**GB104028053440**	**Trent and Trib**	**Trent Lower and Erewash**
D	**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	**3**

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

Features are displayed on the Hydrology map on **page 75 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
57	413m NE	River	The Beck Catchment (trib of Trent)	GB104028053440 ↗	Moderate	Fail	Moderate	2019
-	1044m SW	River	Pingley/Rundell Dyke Catch Upper (trib of Trent)	GB104028053420 ↗	Moderate	Fail	Good	2019
-	2552m SE	River	Trent Bifurcation Pingley Dyke to Winthorpe	GB104028053390 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1

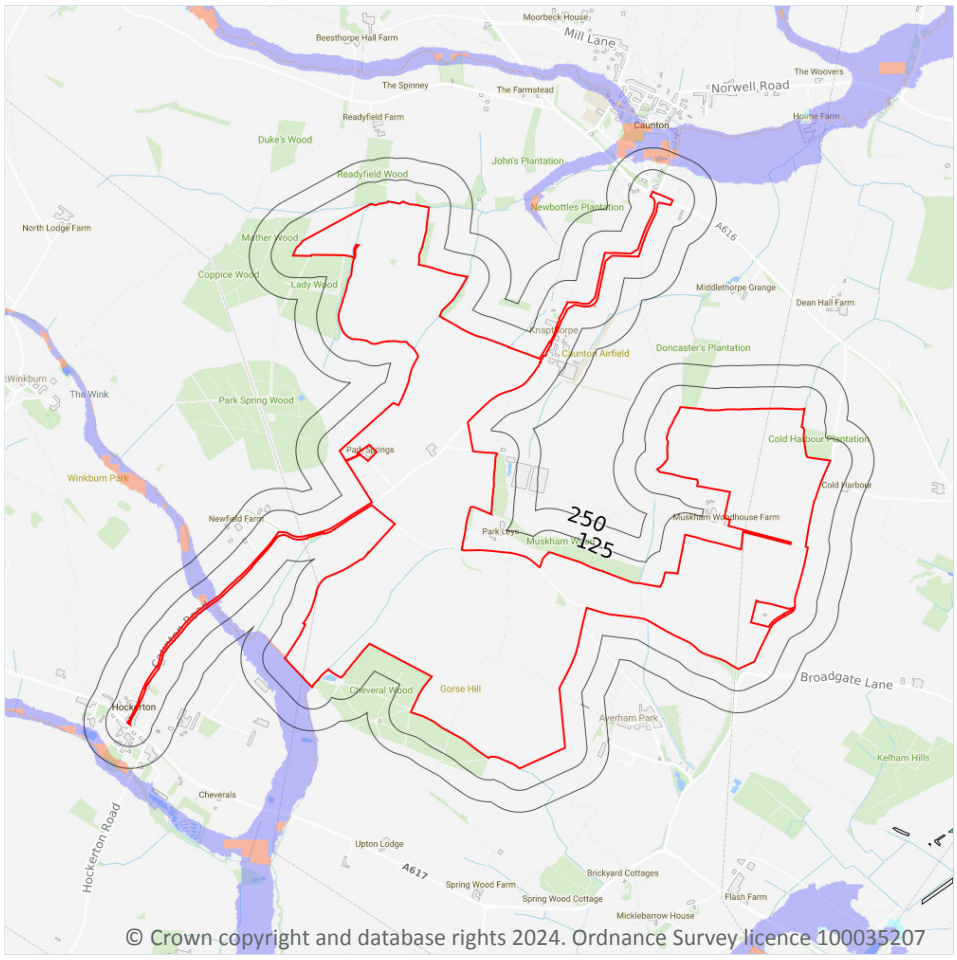
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 75 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
18	**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	38

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 86 >**

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

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

7.2 Historical Flood Events

Records within 250m	**0**

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

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

7.3 Flood Defences

Records within 250m	**0**

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	**0**

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

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

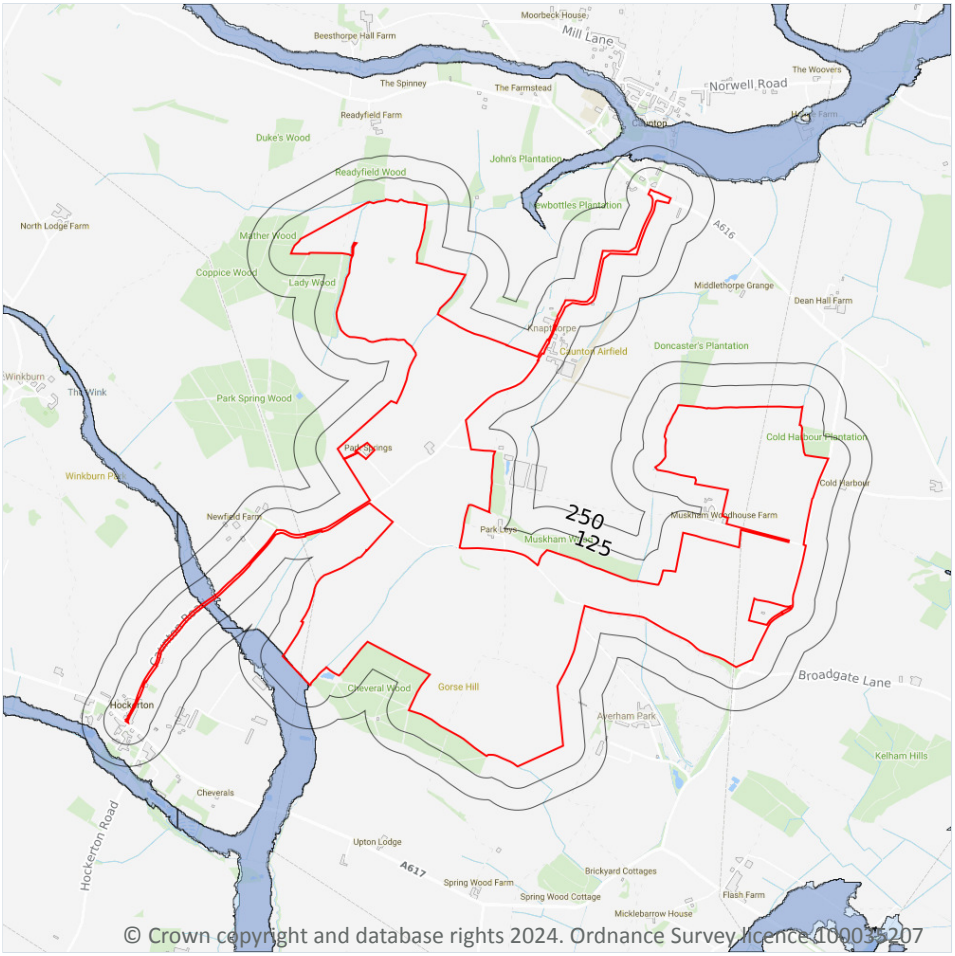
7.5 Flood Storage Areas

Records within 250m	**0**

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

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

River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 86 >**

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

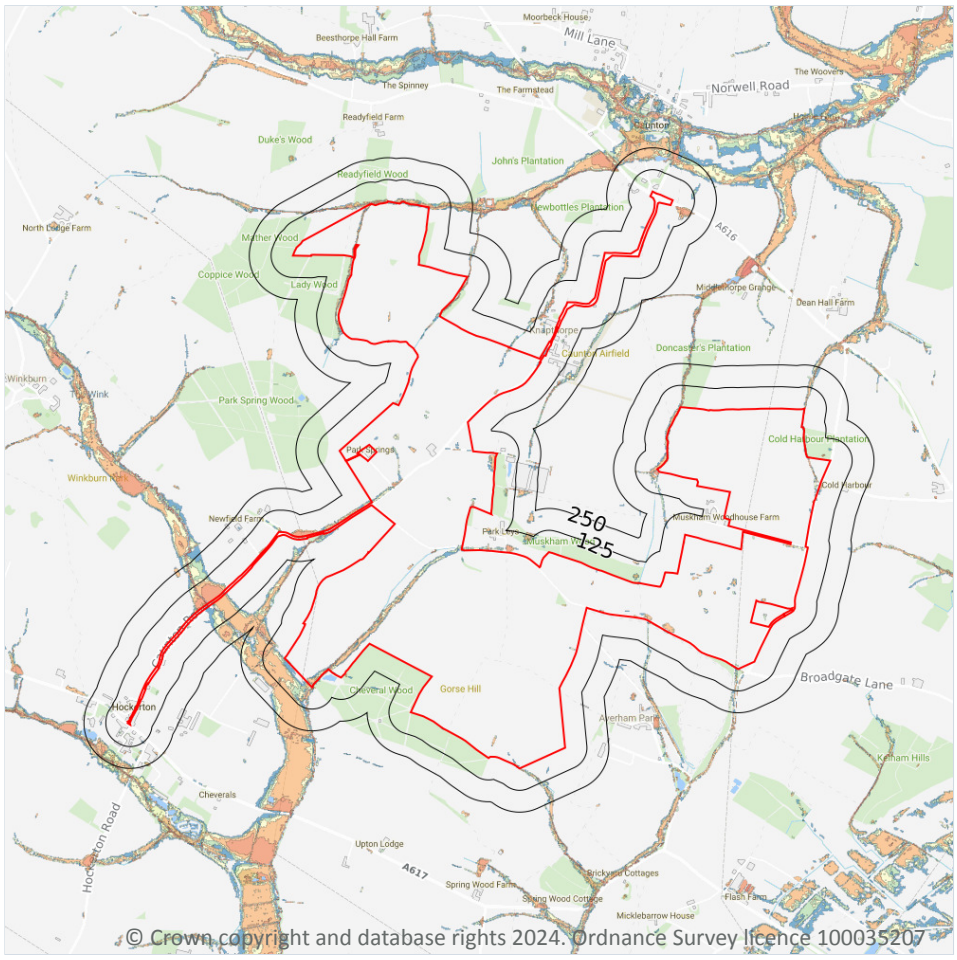
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 86 >**

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 90 >**

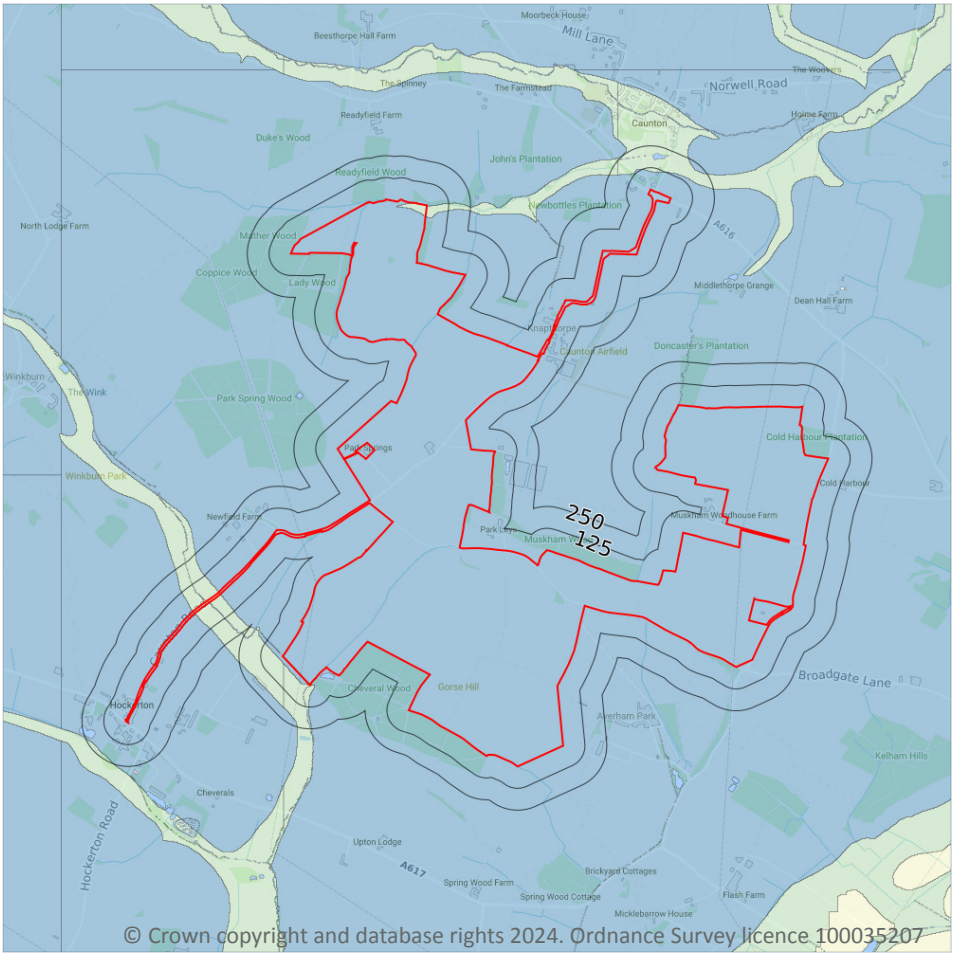
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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



9.1 Groundwater flooding

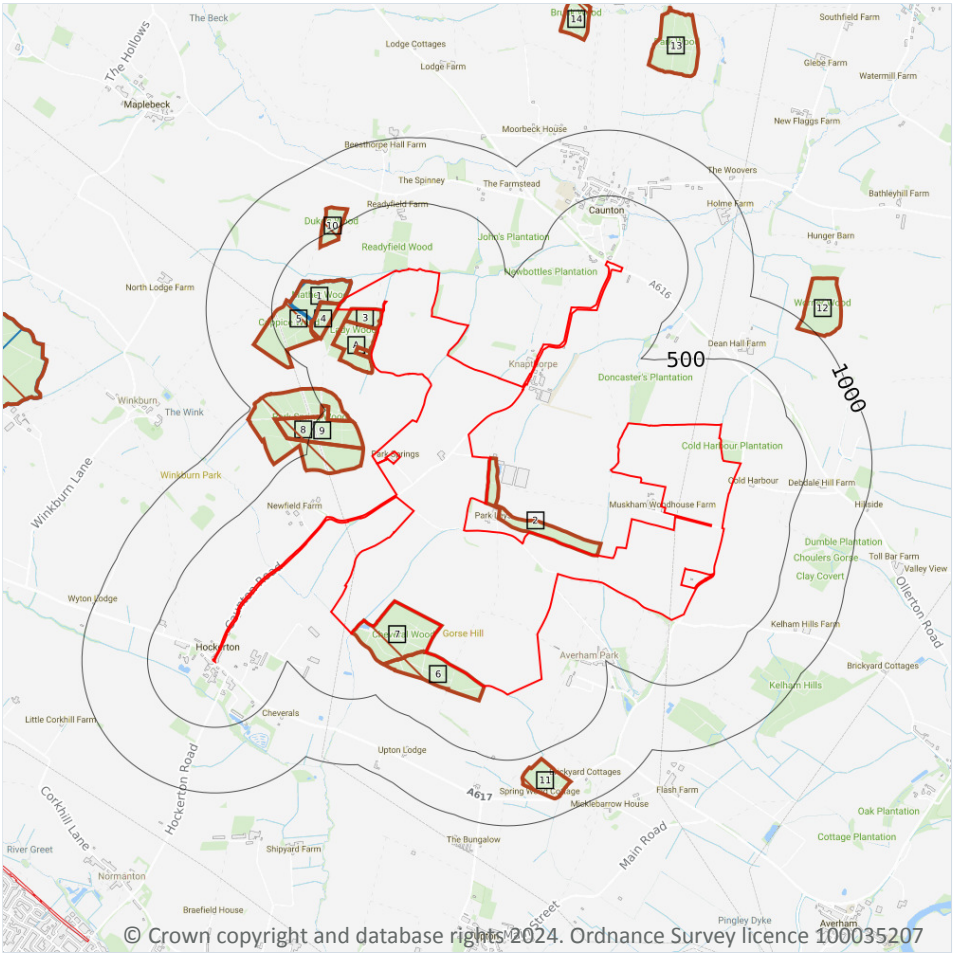
Highest risk on site	**Low**
Highest risk within 50m	**Low**

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

Features are displayed on the Groundwater flooding map on **page 92 >**

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	1

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

Features are displayed on the Environmental designations map on **page 93 >**

ID	Location	Name	Data source
1	**On site**	**Mather Wood**	**Natural England**

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	0

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

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

10.7 Designated Ancient Woodland

Records within 2000m	15

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 93 >**

ID	Location	Name	Woodland Type
2	**On site**	**Unknown**	**Ancient & Semi-Natural Woodland**
3	**On site**	**Unknown**	**Ancient & Semi-Natural Woodland**
4	**On site**	**Unknown**	**Ancient Replanted Woodland**
5	**On site**	**Unknown**	**Ancient & Semi-Natural Woodland**
6	**On site**	**Cheveral Wood**	**Ancient Replanted Woodland**
7	**On site**	**Cheveral Wood**	**Ancient & Semi-Natural Woodland**
A	6m NW	Unknown	Ancient Replanted Woodland
A	14m NW	Unknown	Ancient & Semi-Natural Woodland
8	73m W	Park Spring Wood	Ancient Replanted Woodland
9	89m W	Park Spring Wood	Ancient & Semi-Natural Woodland
10	416m NW	Dukes Wood	Ancient & Semi-Natural Woodland
11	552m S	Spring Wood	Ancient & Semi-Natural Woodland
12	933m NE	Worner Wood	Ancient & Semi-Natural Woodland
13	1509m N	Park Wood	Ancient & Semi-Natural Woodland
14	1698m N	Brunk 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

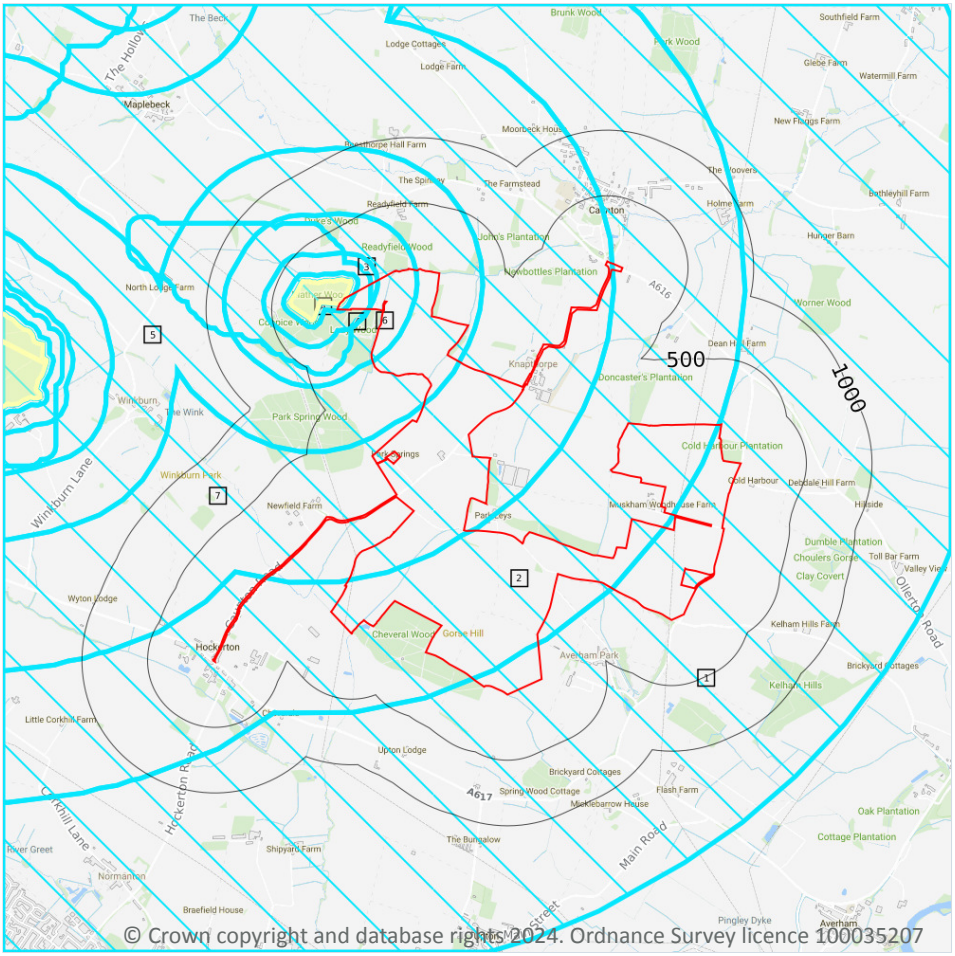
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	**River Trent bifurcation pingley dyke to winthorpe NVZ**	**Surface Water**	**330**	**Existing**

Location	Name	Type	NVZ ID	Status
On site	**River Trent bifurcation pingley dyke to winthorpe NVZ**	**Surface Water**	**330**	**Existing**
On site	**The Beck Catchment (trib of Trent) NVZ**	**Surface Water**	**332**	**Existing**
On site	**The Beck Catchment (trib of Trent) NVZ**	**Surface Water**	**332**	**Existing**
275m S	River Trent bifurcation pingley dyke to winthorpe NVZ	Surface Water	330	Existing
354m S	River Trent bifurcation pingley dyke to winthorpe NVZ	Surface Water	330	Existing
443m E	River Trent from River Soar to Carlton-on-Trent NVZ	Surface Water	320	Existing
1125m SW	Hallhaughton Dumble Catchment (trib of R Greet) NVZ	Surface Water	328	Existing
1125m W	Hallhaughton Dumble Catchment (trib of R Greet) NVZ	Surface Water	328	Existing
1672m SW	Nottinghamshire	Groundwater	40	Existing
1904m W	Nottinghamshire	Groundwater	40	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	10

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 99 >**

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.**

ID	Location	Type of developments requiring consultation
2	On site	**Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.**
3	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**
4	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**

ID	Location	Type of developments requiring consultation
5	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**
6	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**

ID	Location	Type of developments requiring consultation
7	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more.**
A	On site	**All applications - ALL PLANNING APPLICATIONS - EXCEPT HOUSEHOLDER APPLICATIONS.**
A	On site	**All applications - ALL PLANNING APPLICATIONS.**
A	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	1

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

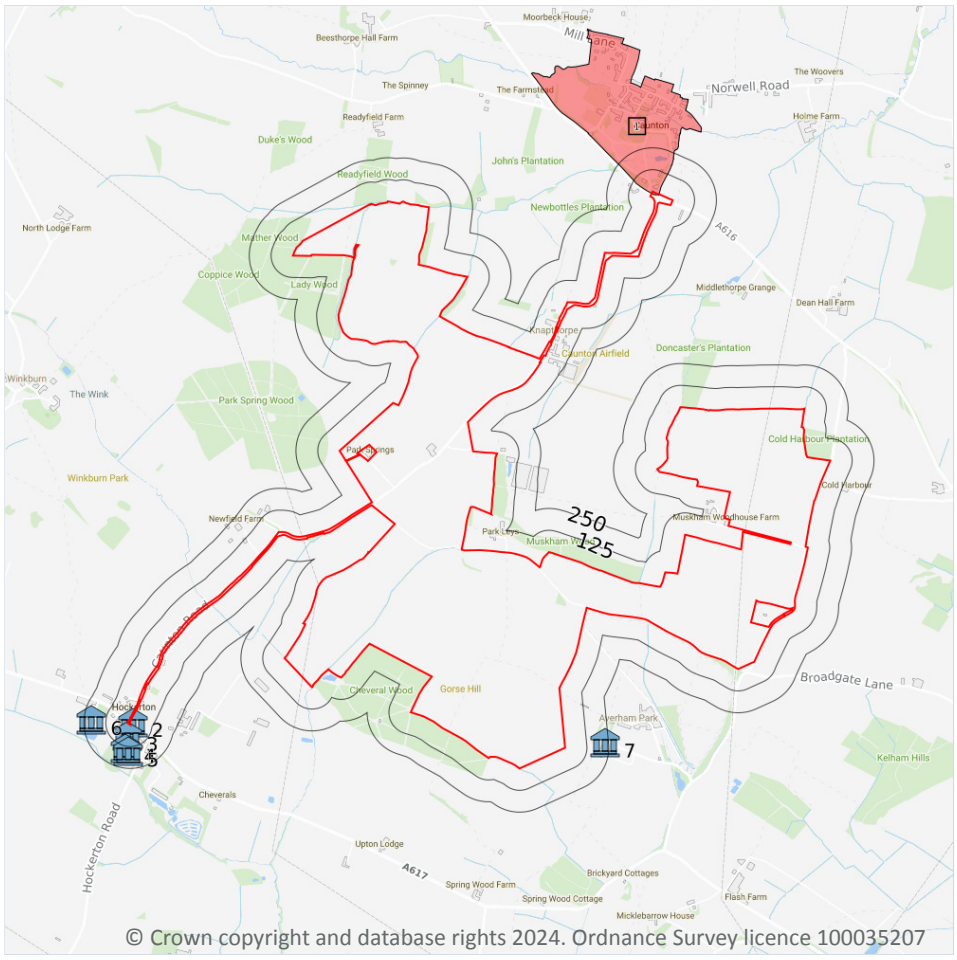
Features are displayed on the SSSI Impact Zones and Units map on **page 99 >**

ID: A
Location: On site
SSSI name: Mather Wood
Unit name: 1
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	10/07/2015

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	6

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 104 >**

ID	Location	Name	Grade	Reference Number	Listed date
2	13m SW	Bank Cottages	II	1370186	13/05/1986
3	65m SW	Church Of St Nicholas	II*	1045486	11/08/1961
4	137m SW	Barn And Attached Stable At Manor Farm	II	1045487	13/05/1986
5	153m SW	Manor Farmhouse	II	1370225	13/05/1986
6	208m SW	Pigeoncote And Attached Stable Blocks At Hockerton Grange Farm	II	1045488	13/05/1986

ID	Location	Name	Grade	Reference Number	Listed date
7	229m S	South Farm	II	1046004	11/08/1961

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

11.5 Conservation Areas

Records within 250m	**1**

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

Features are displayed on the Visual and cultural designations map on **page 104 >**

ID	Location	Name	District	Date of designation
1	**On site**	**Caunton**	**Newark and Sherwood**	**10/1974**

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

11.6 Scheduled Ancient Monuments

Records within 250m	**0**

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

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

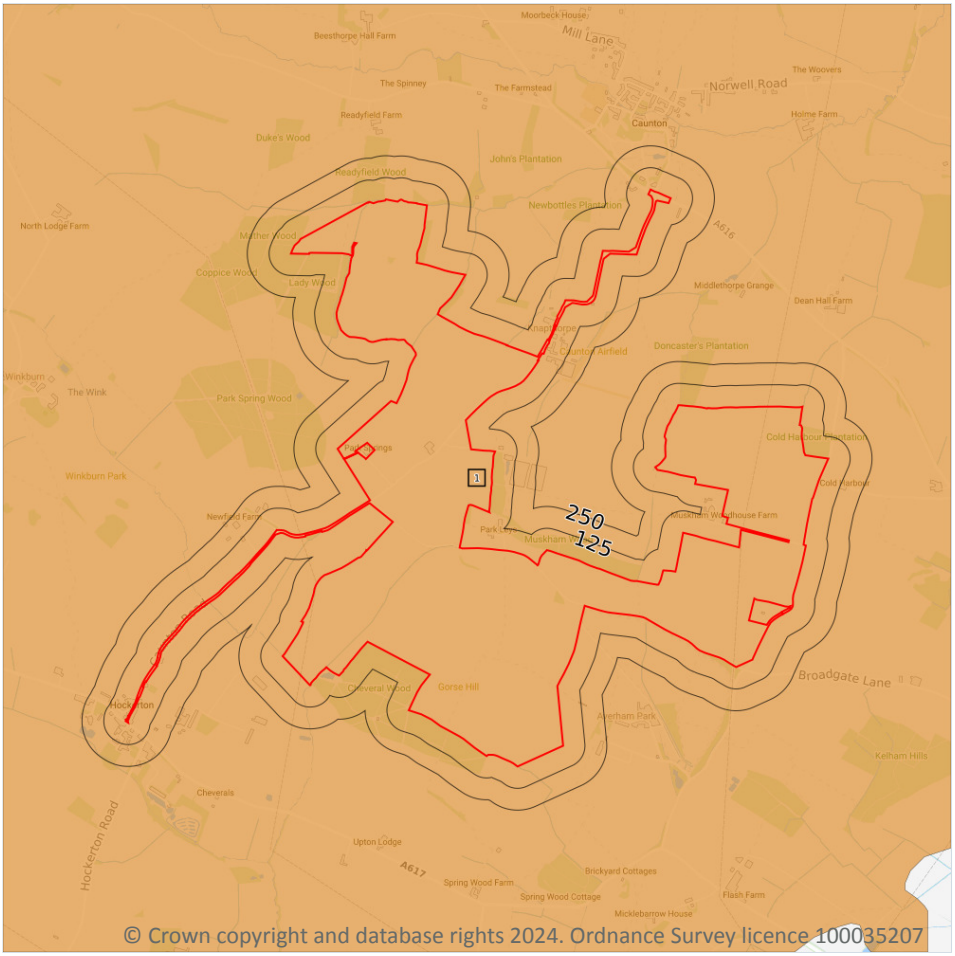
11.7 Registered Parks and Gardens

Records within 250m	**0**

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

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

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	1

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 107 >**

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

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	0

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.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	8

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	**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	**AG00497490**	**Entry Level Stewardship**	**01/12/2013**	**30/11/2018**
On site	**AG00497490**	**Entry Level Stewardship**	**01/12/2013**	**30/11/2018**
On site	**AG00497490**	**Entry Level Stewardship**	**01/12/2013**	**30/11/2018**
41m SE	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

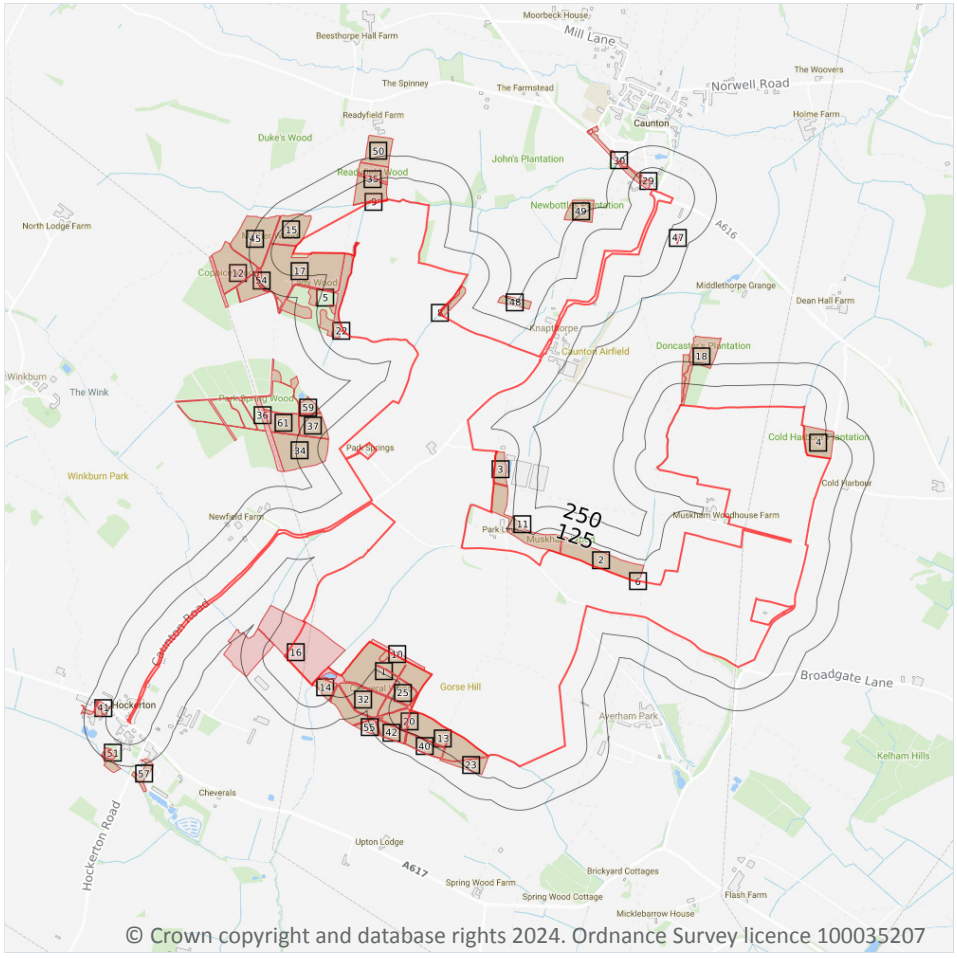
Records within 250m	15

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	**1055458**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**
On site	**1055458**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**
On site	**1638437**	**Countryside Stewardship (Higher Tier)**	**01/09/2023**	**31/08/2026**
On site	**1255890**	**Countryside Stewardship (Middle Tier)**	**01/01/2022**	**31/12/2026**
On site	**1255890**	**Countryside Stewardship (Middle Tier)**	**01/01/2022**	**31/12/2026**
On site	**1453550**	**Countryside Stewardship (Middle Tier)**	**01/01/2023**	**31/12/2027**
On site	**1453550**	**Countryside Stewardship (Middle Tier)**	**01/01/2023**	**31/12/2027**
On site	**1453550**	**Countryside Stewardship (Middle Tier)**	**01/01/2023**	**31/12/2027**
On site	**985553**	**Countryside Stewardship (Higher Tier)**	**01/01/2021**	**31/12/2025**
On site	**1266106**	**Tree Health Restoration**	**01/03/2022**	**29/02/2024**
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**
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**
204m NW	1255890	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026

This data is sourced from Natural England.

13 Habitat designations



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Site Outline

Search buffers in metres (m)

- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders

Habitat Networks

- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	64

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 110 >**

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**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
12	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
13	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
14	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
15	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%, ENSIS L1)**
16	**On site**	**No main habitat but additional habitats present**	**Additional: DWOOD (INV 50%)**
17	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
18	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
19	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
A	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
A	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
20	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
21	1m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
22	5m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	7m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	8m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
25	10m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	19m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
27	21m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
28	22m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
29	23m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
30	23m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
31	31m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
32	42m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
33	58m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
34	67m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
35	84m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
36	84m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
37	85m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
38	93m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
39	96m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
40	107m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
41	122m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
42	126m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
43	129m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
44	138m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
45	143m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%, ENSIS L1)
46	149m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
47	163m NE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
48	177m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
49	178m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
50	185m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
51	186m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
52	186m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
53	197m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
54	200m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
55	212m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
56	221m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
57	221m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
58	228m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
59	228m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
60	235m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
61	242m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
62	248m NW	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.

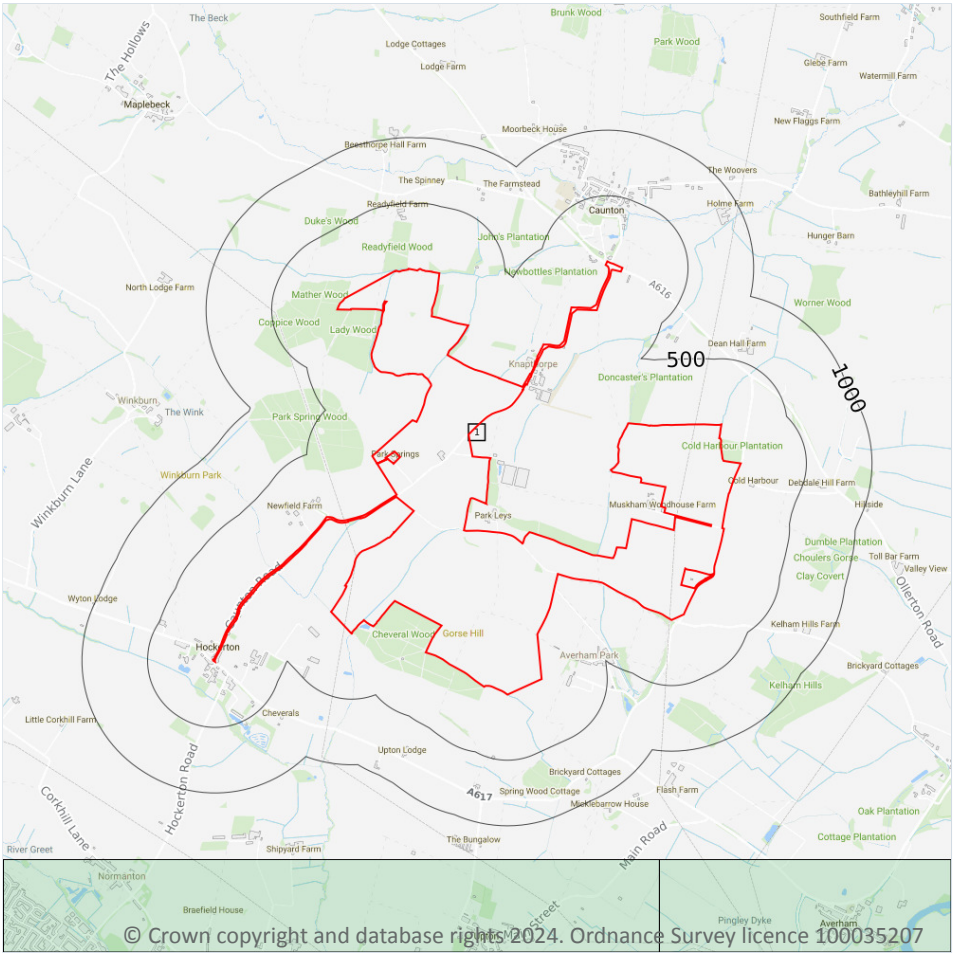
13.4 Limestone Pavement Orders

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



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Site Outline

Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m	1

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

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 114 >**

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

This data is sourced from the British Geological Survey.

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

14.2 Artificial and made ground (10k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock

14.5 Bedrock geology (10k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

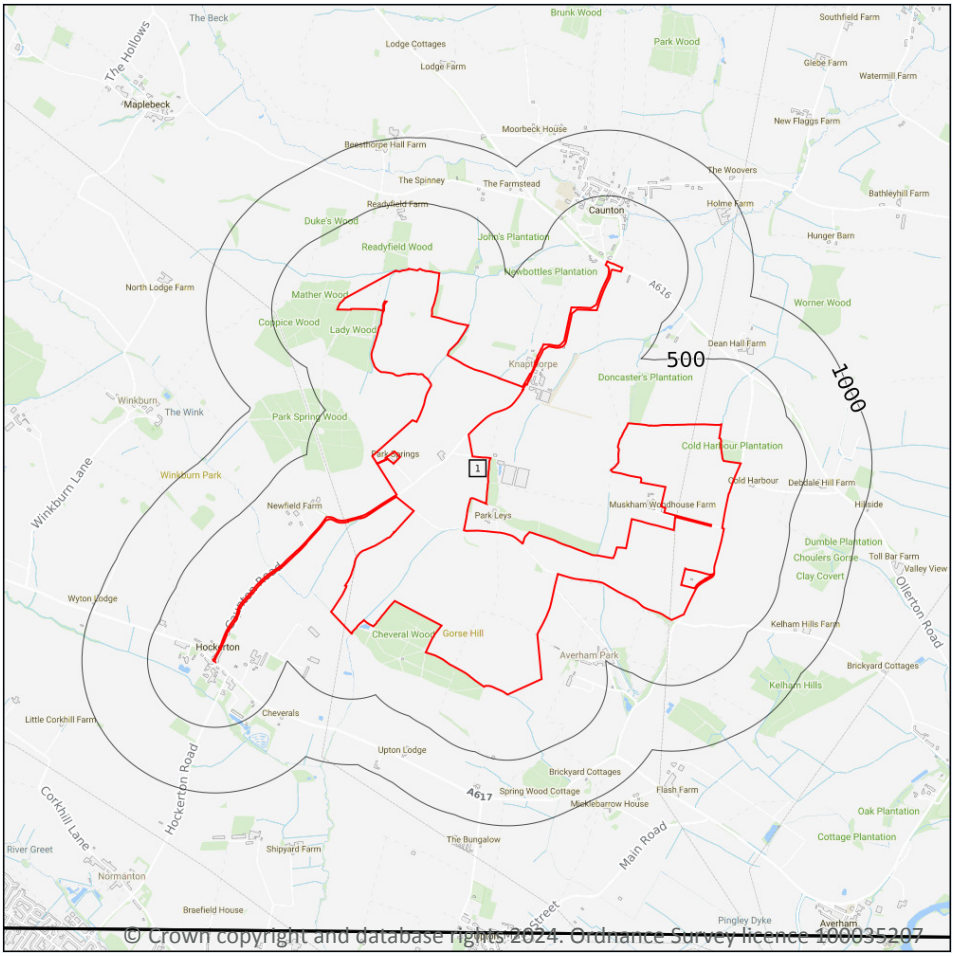
14.6 Bedrock faults and other linear features (10k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability


500
1000
Caunton
Hockerton
Winkburn
Maplebeck
Normanton
Averham
Kelham Hills
Cheveral Wood
Gorse Hill
Park Leys
Doncaster's Plantation
Cold Harbour Plantation
Park Spring Wood
Readyfield Wood
Mather Wood
Lady Wood
Averham Park
Upton Lodge
Cheverals
Shipyard Farm
Braefield House
The Bungalow
Spring Wood Cottage
Brickyard Cottages
Flash Farm
Oak Plantation
Cottage Plantation
Dumble Plantation
Choulers Gorse
Clay Covert
Kelham Hills Farm
Muskham Woodhouse Farm
Cold Harbour
Dean Hall Farm
Knapthorpe
Newbottles Plantation
Jone's Plantation
Duke's Wood
Park Wood
Brunk Wood
Moorbeck House
Beesthorpe Hall Farm
The Farmstead
The Spinney
Readyfield Farm
Lodge Cottages
Lodge Farm
Southfield Farm
Glebe Farm
Watermill Farm
New Flaggs Farm
The Woovers
Holme Farm
Bathleyhill Farm
Hunger Barn
Worner Wood
Deedale Hill Farm
Hillside
Toll Bar Farm
Valley View
Kelham Hills Farm
Brickyard Cottages
Oak Plantation
Cottage Plantation
Pingley Dyke
Averham
Main Road
Hockerton Road
Winkburn Lane
Corkhill Lane
Ollerton Road
A617
A616
North Lodge Farm
Cespice Wood
Winkburn Park
Newfield Farm
Wyton Lodge
Little Corkhill Farm
River Greet
The Beck
The Hollows
The Wink
Park Springs
Micklebarrow House
Moorbeck House
Park Leys
Gorse Hill
Cheveral Wood
Upton Lodge
Cheverals
Shipyard Farm
Braefield House
The Bungalow
Spring Wood Cottage
Brickyard Cottages
Flash Farm

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

15.2 Artificial and made ground (50k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

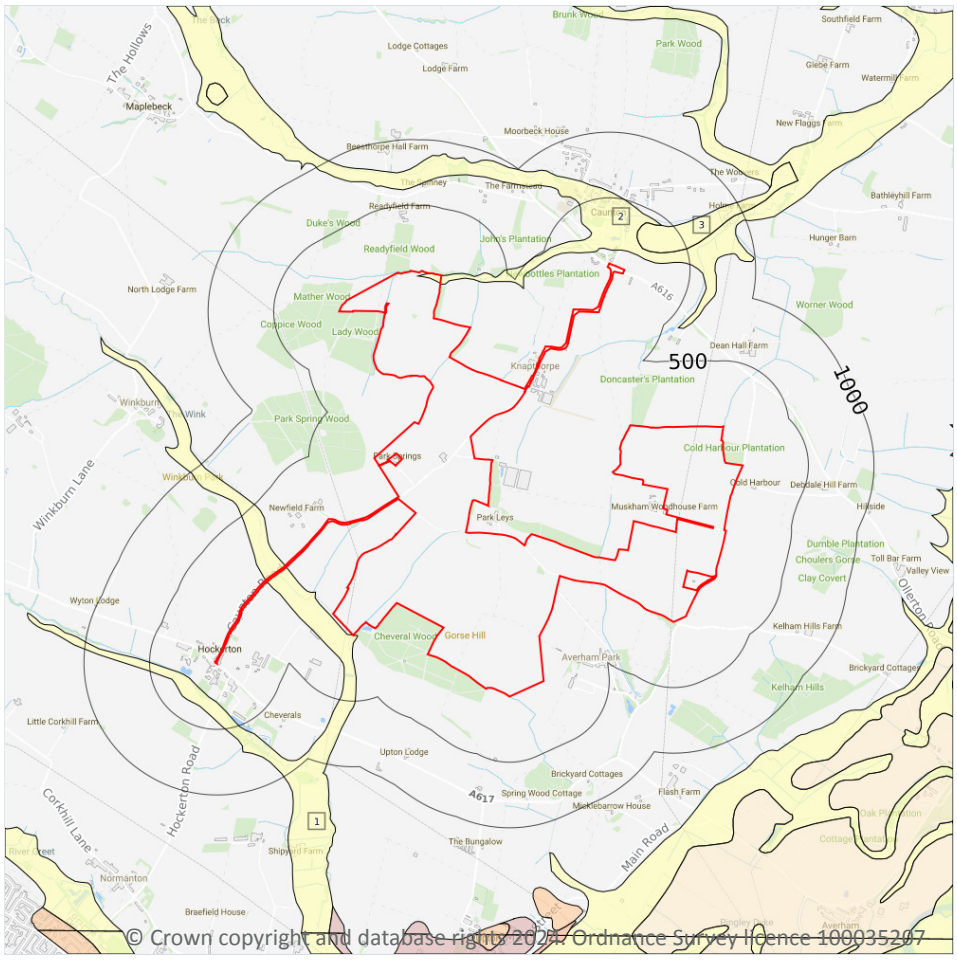
15.3 Artificial ground permeability (50k)

Records within 50m	0

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



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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 **3**

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 120 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
2	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
3	214m NE	SLM-CLSH	SHELL MARL	CLAY, SHELL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	2

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**

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.

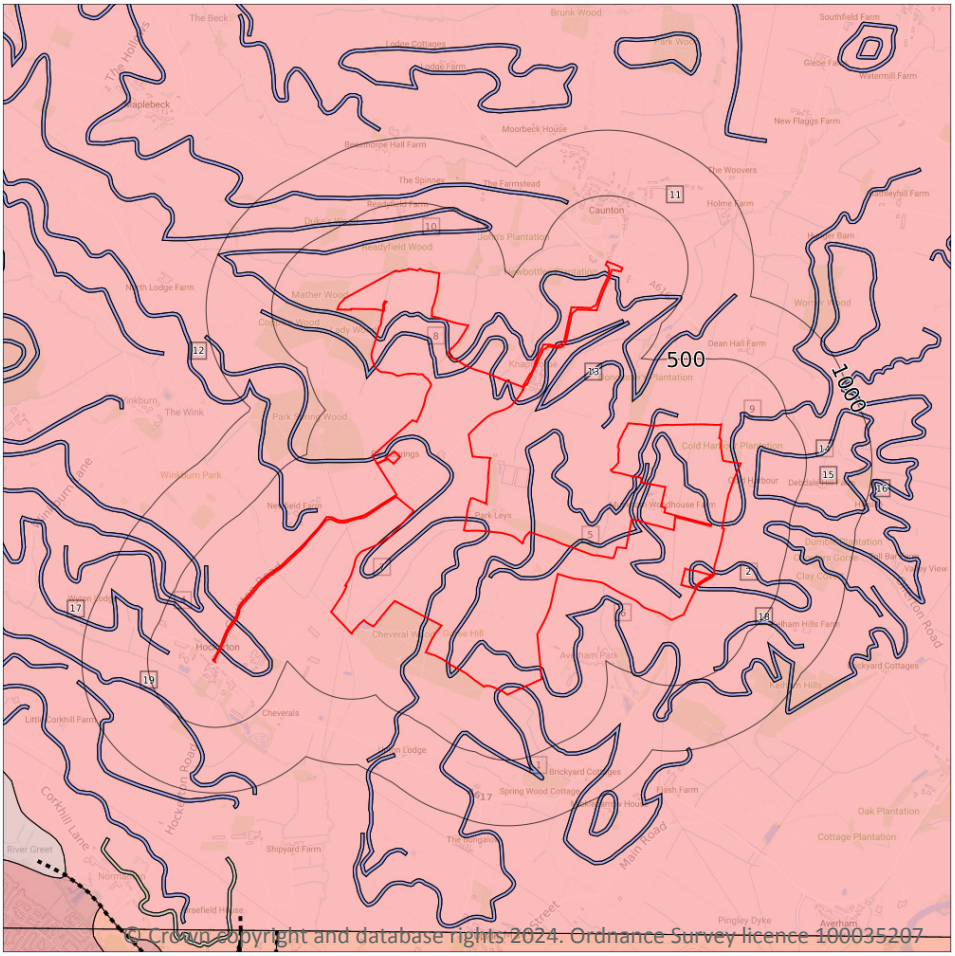
15.7 Landslip permeability (50k)

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	19

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 122 >**

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

ID	Location	LEX Code	Description	Rock age
3	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
4	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
5	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
6	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
7	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
8	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
9	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
10	**On site**	**MMG-DSLST**	**MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC**	**-**
11	**On site**	**MMG-MDST**	**MERCIA MUDSTONE GROUP - MUDSTONE**	**-**
12	80m W	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
13	90m NE	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
14	120m E	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
15	145m E	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-
16	304m E	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
17	339m SW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
18	371m SE	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
19	459m SW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**22**

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**	**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**	**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**
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**

This data is sourced from the British Geological Survey.

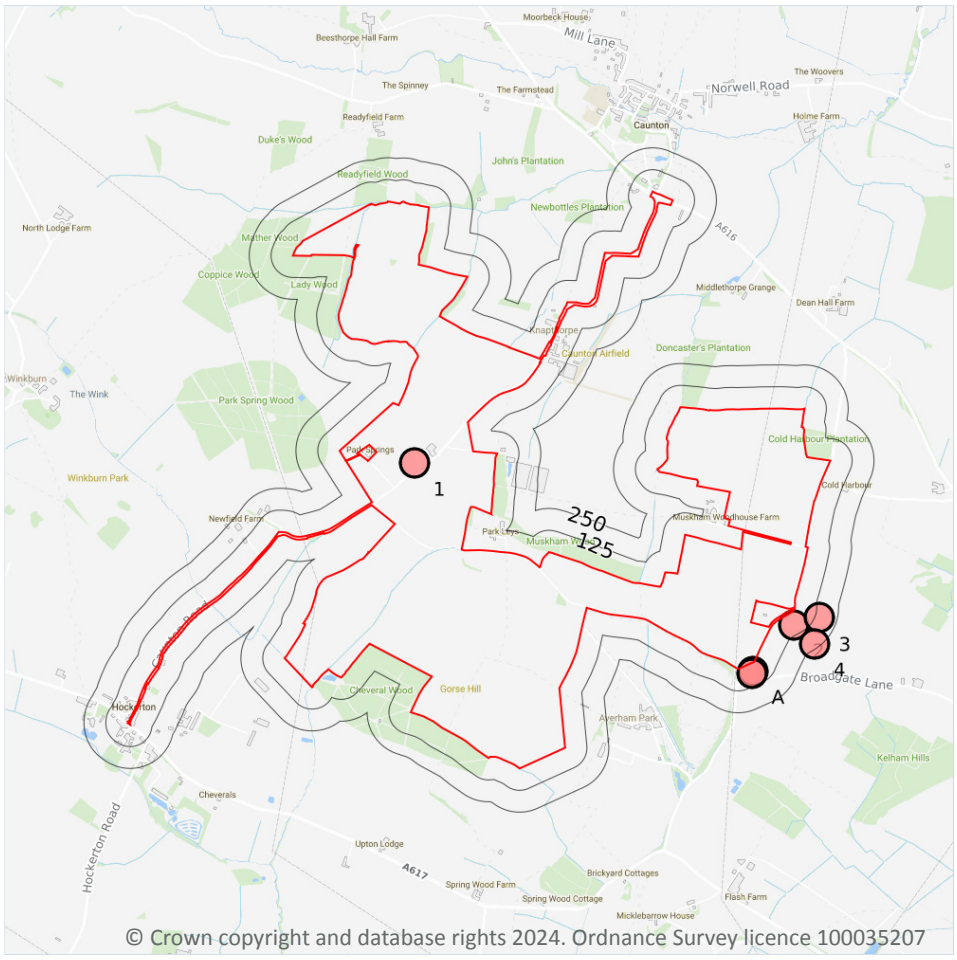
15.10 Bedrock faults and other linear features (50k)

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



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16.1 BGS Boreholes

Records within 250m	6

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.

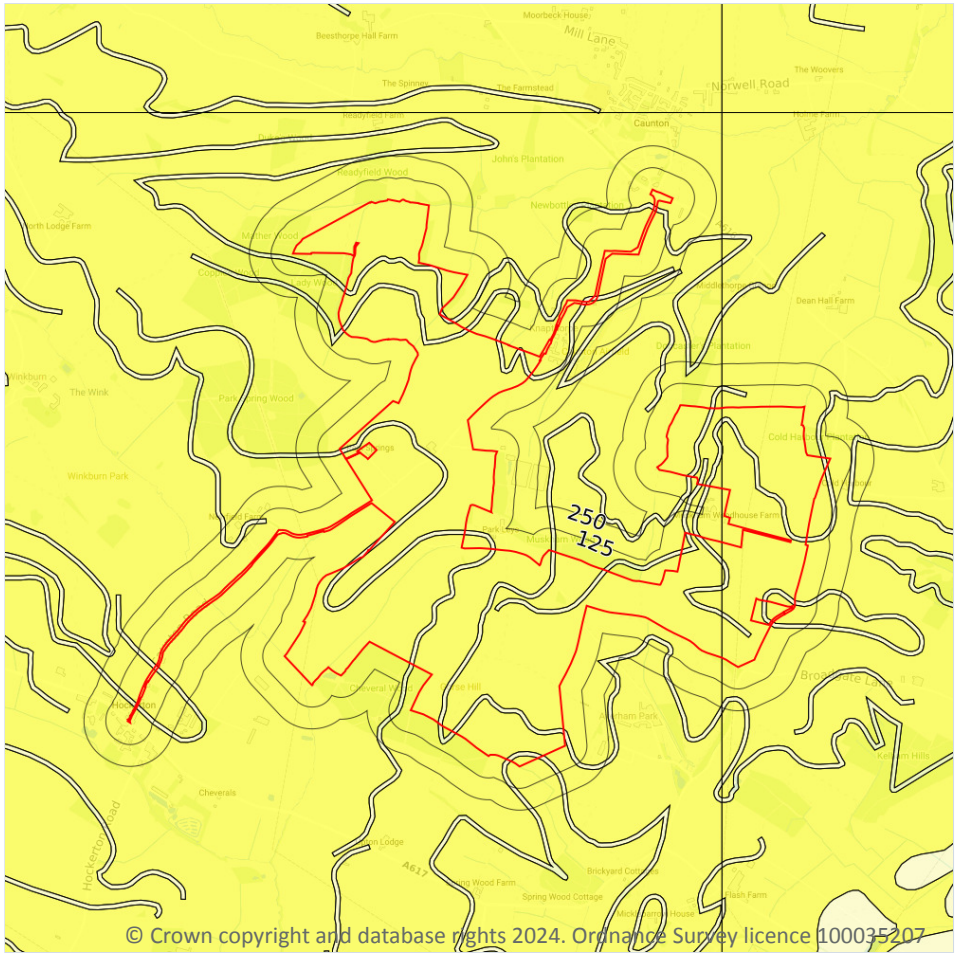
Features are displayed on the Boreholes map on **page 126 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	**On site**	**473239 358005**	**WINKBURN G1**	**763.22**	**N**	**239091** ↗
A	45m SE	475175 356814	KELHAM HILLS FARM NOS.2-3 SHALLOW	37.8	N	238944 ↗
A	56m SE	475170 356800	D'ARCY EXPLORATION NEAR KELHAM HILLS FARM	39.32	N	239067 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
2	68m E	475410 357080	KELHAM HILLS 44	747.67	N	238919 ↗
3	153m E	475560 357120	KELHAM HILLS 46	704.7	N	238921 ↗
4	224m SE	475530 356970	KELHAM HILLS 45	694.64	N	238920 ↗

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	2

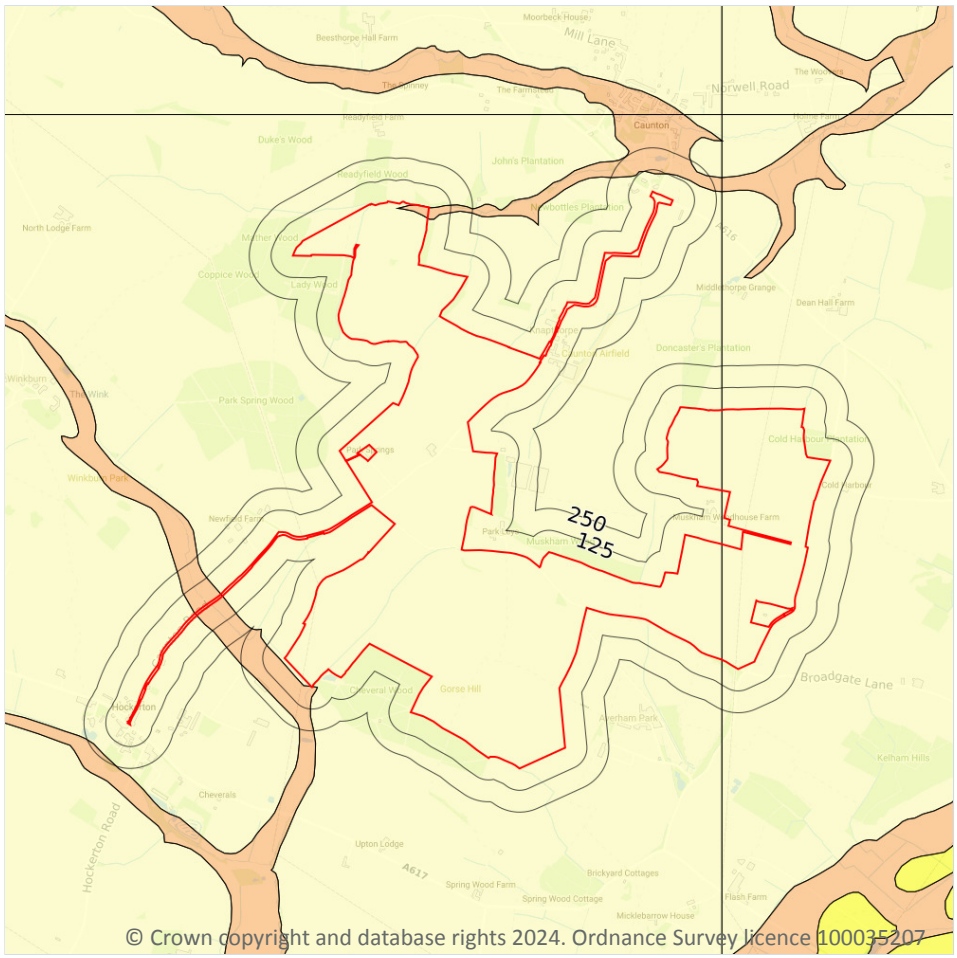
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 128 >**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



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17.2 Running sands

Records within 50m	2

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.

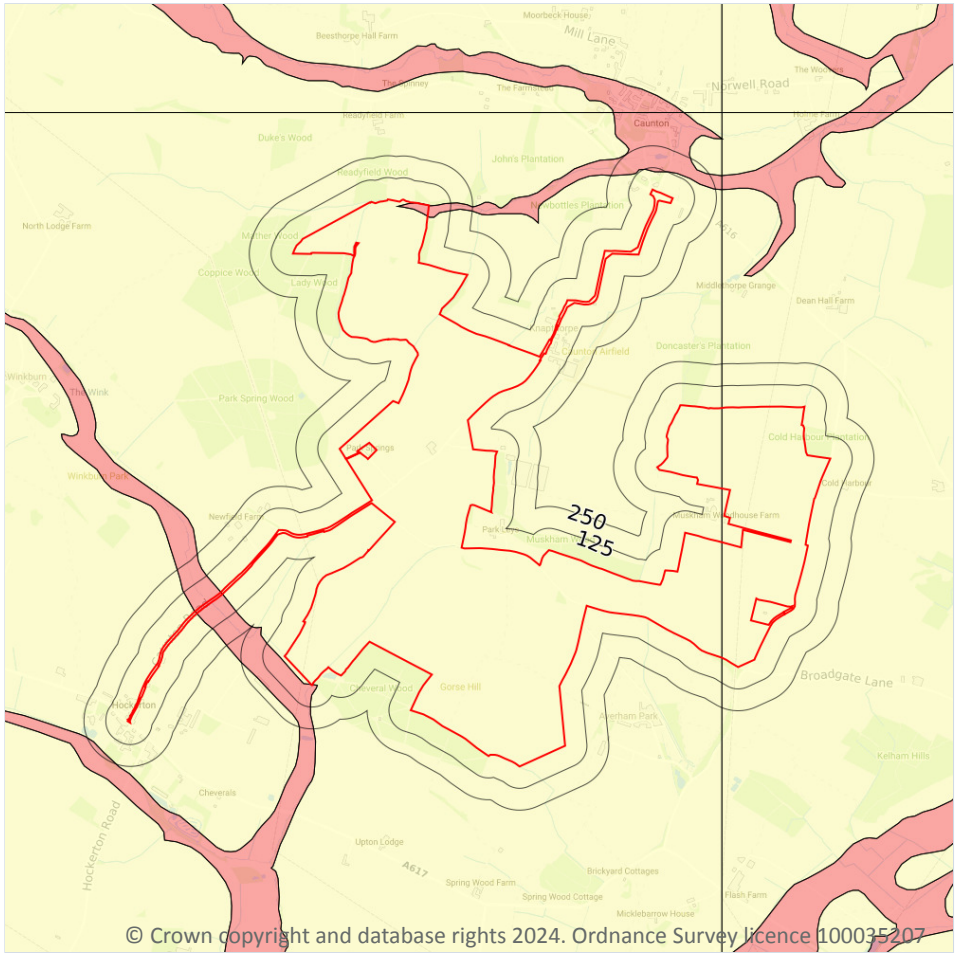
Features are displayed on the Natural ground subsidence - Running sands map on **page 129 >**

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	**Low**	**Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



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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	2

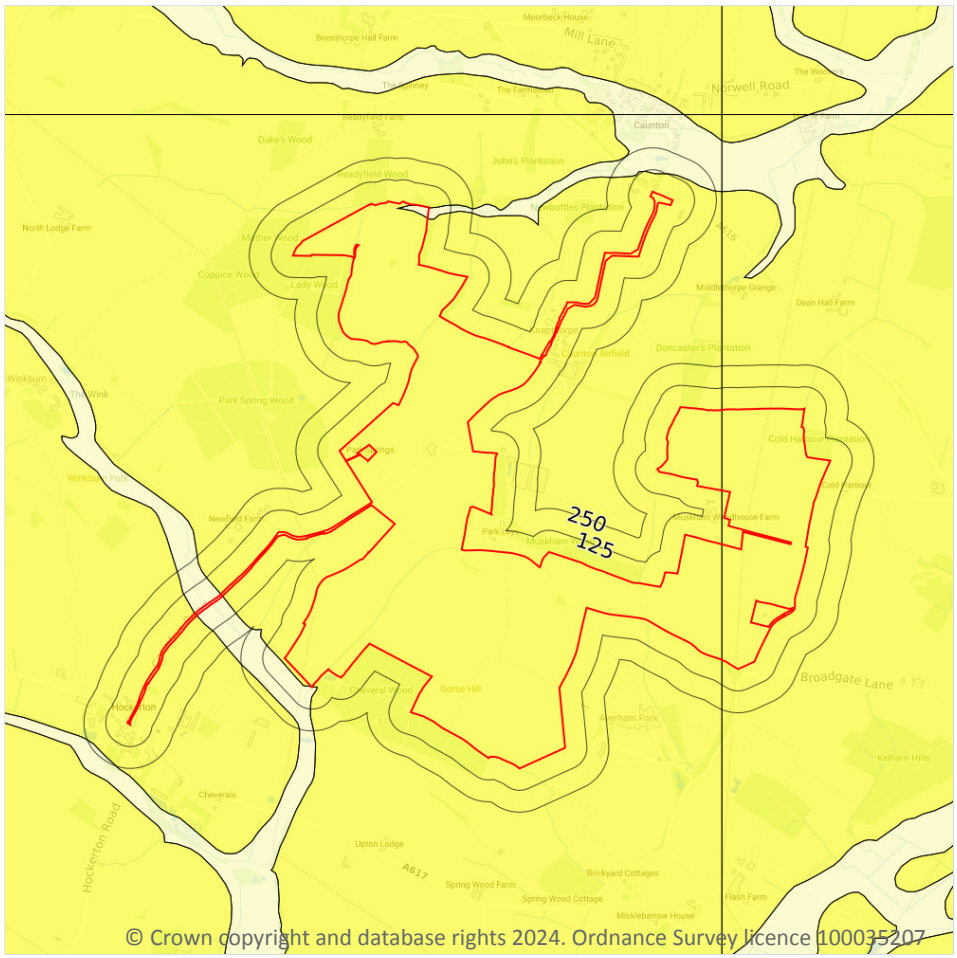
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 131 >**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m	2

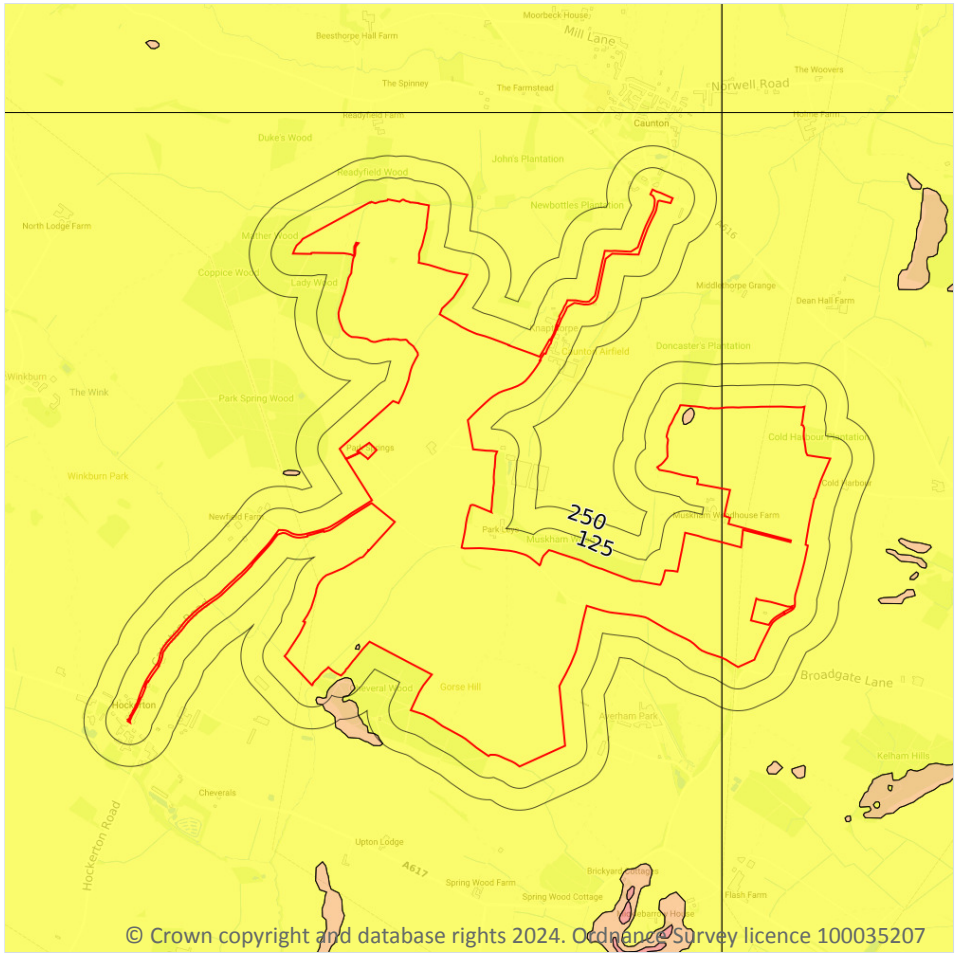
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 133 >**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

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

17.5 Landslides

Records within 50m	3

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

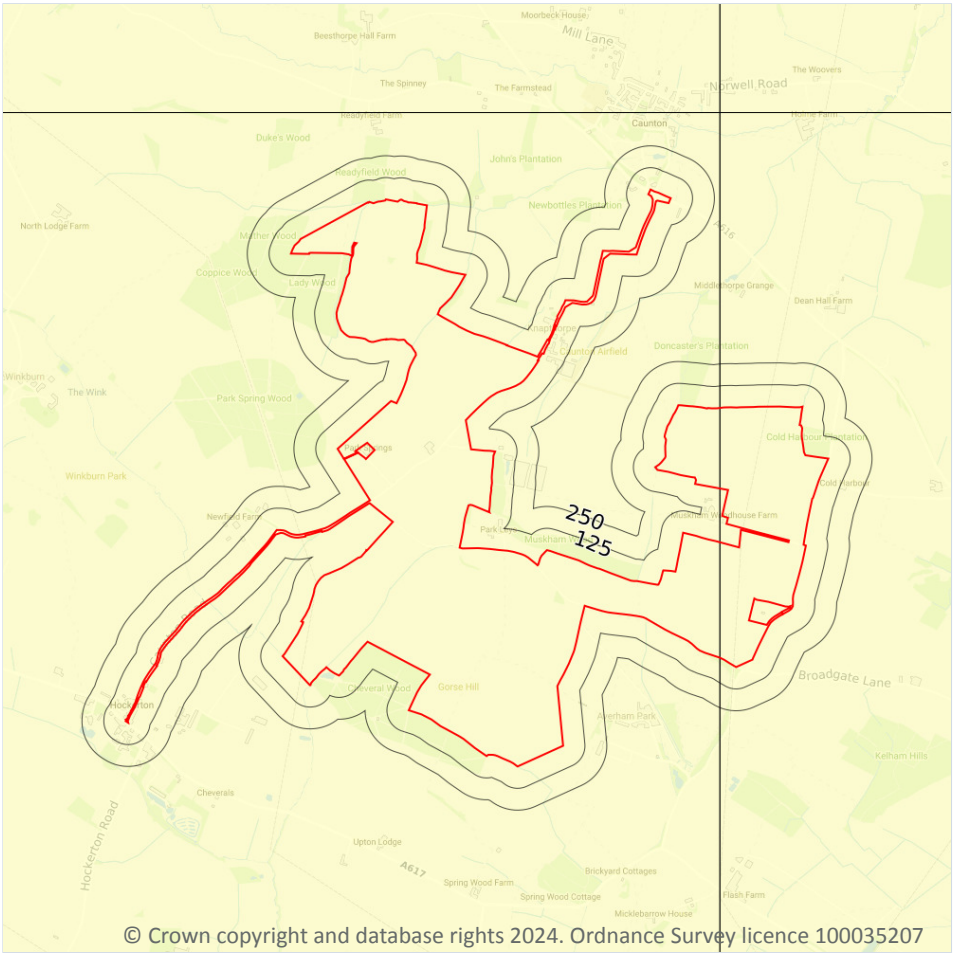
Features are displayed on the Natural ground subsidence - Landslides map on **page 134 >**

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.**
20m SW	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



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Site Outline

Search buffers in metres (m)

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

17.6 Ground dissolution of soluble rocks

Records within 50m	1

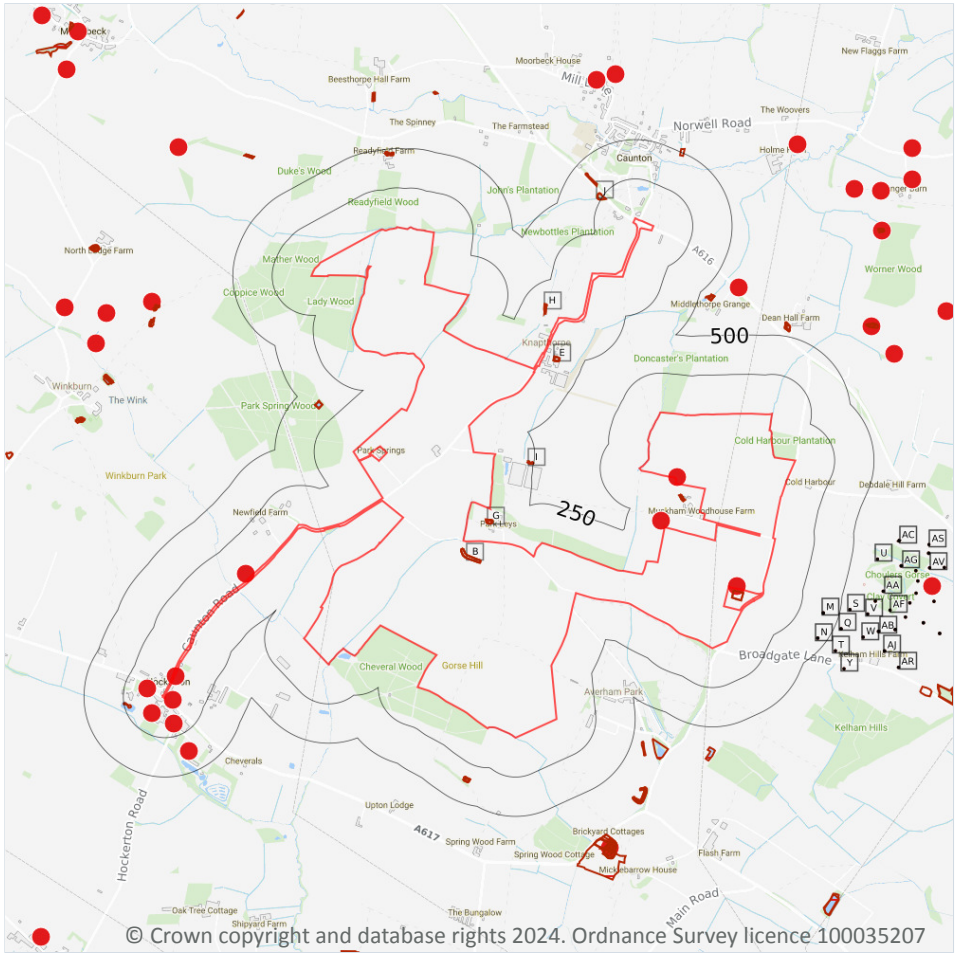
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 136 >**

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	16

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 138 >**

ID	Location	Details	Description
1	**On site**	**Name: Woodhouse Farm Pits** **Address: 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**
A	**On site**	**Name: Woodhouse Farm Pits** **Address: 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**
A	**On site**	**Name: Woodhouse Farm Pits** **Address: Muskham, 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**
A	**On site**	**Name: Woodhouse Farm Pits** **Address: Muskham, 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**
A	**On site**	**Name: Woodhouse Farm Pits** **Address: Muskham, 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**
C	6m SW	Name: Hockerton Clay Pit Address: Hockerton, 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

ID	Location	Details	Description
C	18m SW	Name: Hockerton Clay Pit Address: Hockerton, 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
2	36m W	Name: Hockerton Clay Pit Address: Hockerton, 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
3	46m E	Name: Woodhouse Farm Pits Address: 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
4	49m SW	Name: Hockerton Pits Address: Hockerton, SOUTHWELL, 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
5	110m SW	Name: Hockerton Stone Pits Address: Hockerton, SOUTHWELL, 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
6	124m SW	Name: Hockerton Pits Address: Hockerton, SOUTHWELL, 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

ID	Location	Details	Description
7	152m SW	Name: Hockerton Pits Address: Hockerton, SOUTHWELL, 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
8	172m SW	Name: Hockerton Pits Address: Hockerton, SOUTHWELL, 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
10	234m SW	Name: Gables Farm Pit Address: Hockerton, SOUTHWELL, 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
12	369m SW	Name: Gables Farm Pit Address: Hockerton, SOUTHWELL, 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

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	**26**

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 138 >**

ID	Location	Land Use	Year of mapping	Mapping scale
B	**On site**	**Unspecified Pit**	**1921**	**1:10560**
B	**On site**	**Unspecified Pit**	**1950**	**1:10560**
B	**On site**	**Unspecified Pit**	**1899**	**1:10560**

ID	Location	Land Use	Year of mapping	Mapping scale
D	16m E	Covered Reservoir	1971	1:10000
D	16m E	Covered Reservoir	1992	1:10000
E	63m N	Pond	1950	1:10560
F	66m E	Pond	1921	1:10560
F	66m E	Pond	1899	1:10560
F	66m E	Pond	1884	1:10560
E	67m N	Pond	1921	1:10560
E	67m N	Pond	1899	1:10560
E	67m N	Pond	1884	1:10560
F	68m E	Pond	1950	1:10560
G	70m W	Ponds	1921	1:10560
G	70m W	Ponds	1899	1:10560
G	70m W	Ponds	1884	1:10560
G	72m W	Ponds	1971	1:10000
G	72m W	Ponds	1950	1:10560
H	86m N	Pond	1884	1:10560
H	89m N	Pond	1921	1:10560
H	94m N	Pond	1950	1:10560
9	211m SW	Ponds	1971	1:10000
I	212m N	Pond	1950	1:10560
I	214m N	Ponds	1921	1:10560
J	224m N	Pond	1950	1:10560
J	227m N	Pond	1921	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	26

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 138 >**

ID	Location	Land Use	Year of mapping	Mapping scale
M	395m E	Oil Bore Hole	1971	1:10560
N	439m E	Oil Bore Hole	1971	1:10560
Q	537m E	Oil Bore Holes	1971	1:10560
S	555m E	Oil Bore Holes	1971	1:10560
T	579m SE	Oil Bore Hole	1971	1:10560
U	660m E	Oil Bore Hole	1971	1:10560
V	671m E	Oil Bore Holes	1971	1:10560
W	688m E	Oil Bore Holes	1971	1:10560
Y	693m SE	Oil Bore Hole	1971	1:10560
Z	708m E	Oil Bore Holes	1971	1:10560
AA	740m E	Oil Bore Holes	1971	1:10560
AB	765m E	Oil Bore Holes	1971	1:10560
AC	781m E	Oil Bore Hole	1971	1:10560
AF	808m E	Oil Bore Holes	1971	1:10560
AG	815m E	Oil Bore Hole	1971	1:10560
AJ	847m E	Oil Bore Hole	1971	1:10560
AK	863m E	Oil Bore Holes	1971	1:10560
AL	911m E	Oil Bore Holes	1971	1:10560
AM	913m E	Oil Bore Holes	1971	1:10560
AN	923m E	Oil Bore Holes	1971	1:10560
AP	939m E	Oil Bore Holes	1971	1:10560
AQ	945m E	Oil Bore Holes	1971	1:10560
AR	974m E	Oil Bore Hole	1971	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
AS	974m E	Oil Bore Holes	1971	1:10560
AT	975m E	Oil Bore Holes	1971	1:10560
AV	995m E	Oil Bore Holes	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	0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

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

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

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

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	0

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

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

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

18.14 Gypsum areas

Records on site	0

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

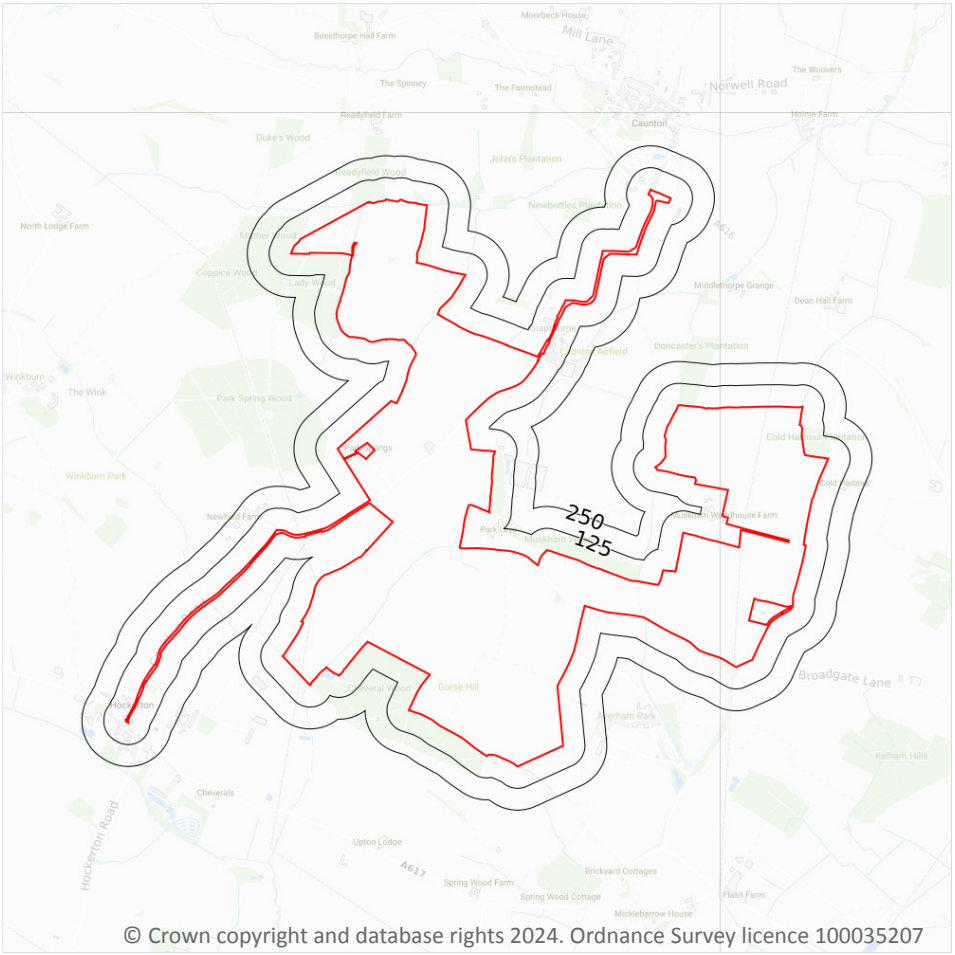
This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

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 149 >**

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	215

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**	**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**	**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**	**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**

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	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	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	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

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	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
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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
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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	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

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
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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
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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
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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
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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

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	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
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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	30 - 45 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	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	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	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
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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
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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
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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

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
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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

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**	**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**
4m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
4m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
9m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
9m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
9m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
10m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
11m NW	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	30 - 45 mg/kg
13m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
15m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
23m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
23m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
23m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
29m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
37m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
38m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
45m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
46m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 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

22.1 Underground railways (London)

Records within 250m	0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	0

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

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

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

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 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.

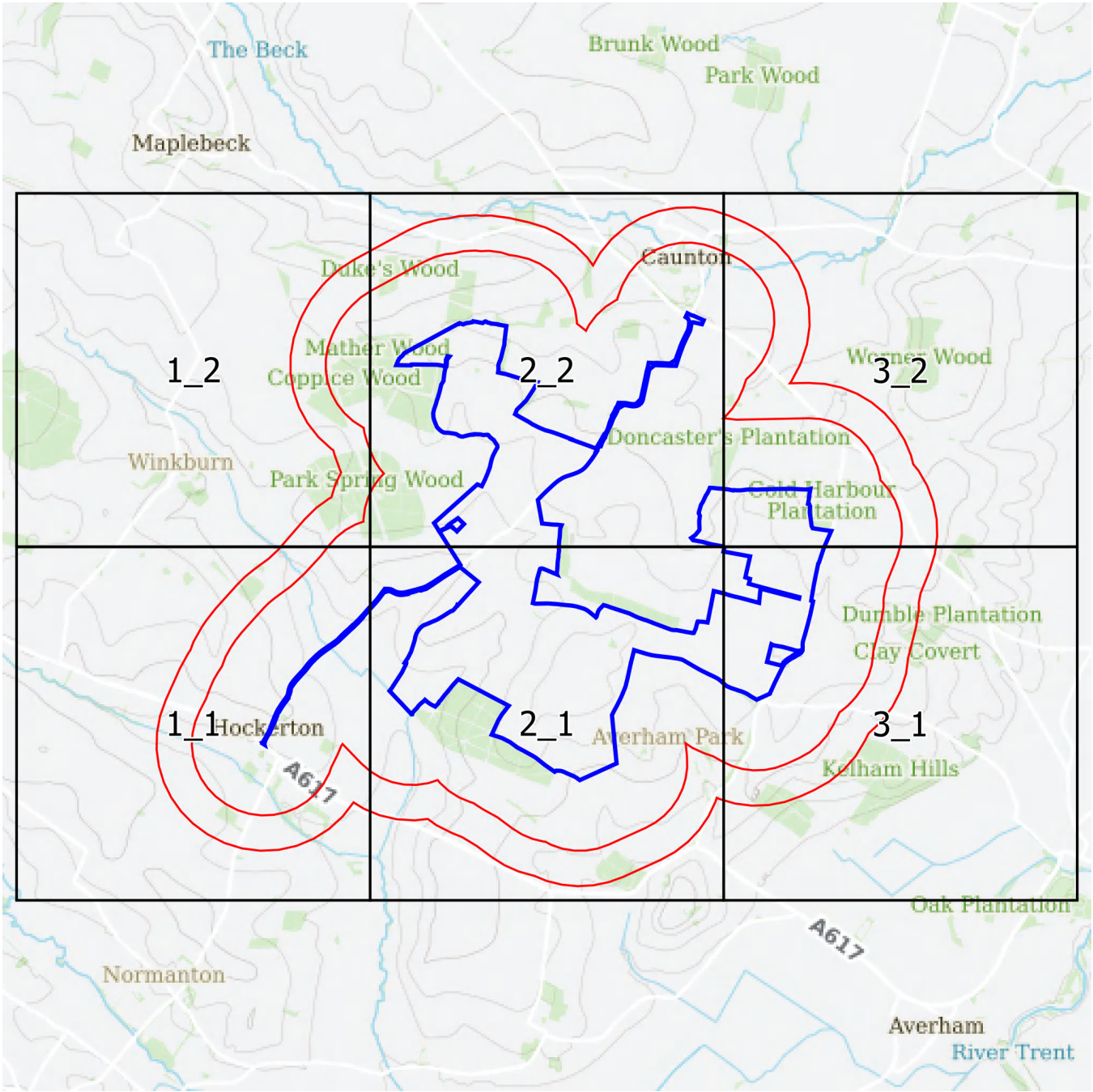
This data is sourced from HS2 ltd.

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 ↗.

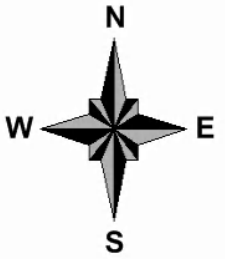
Terms and conditions

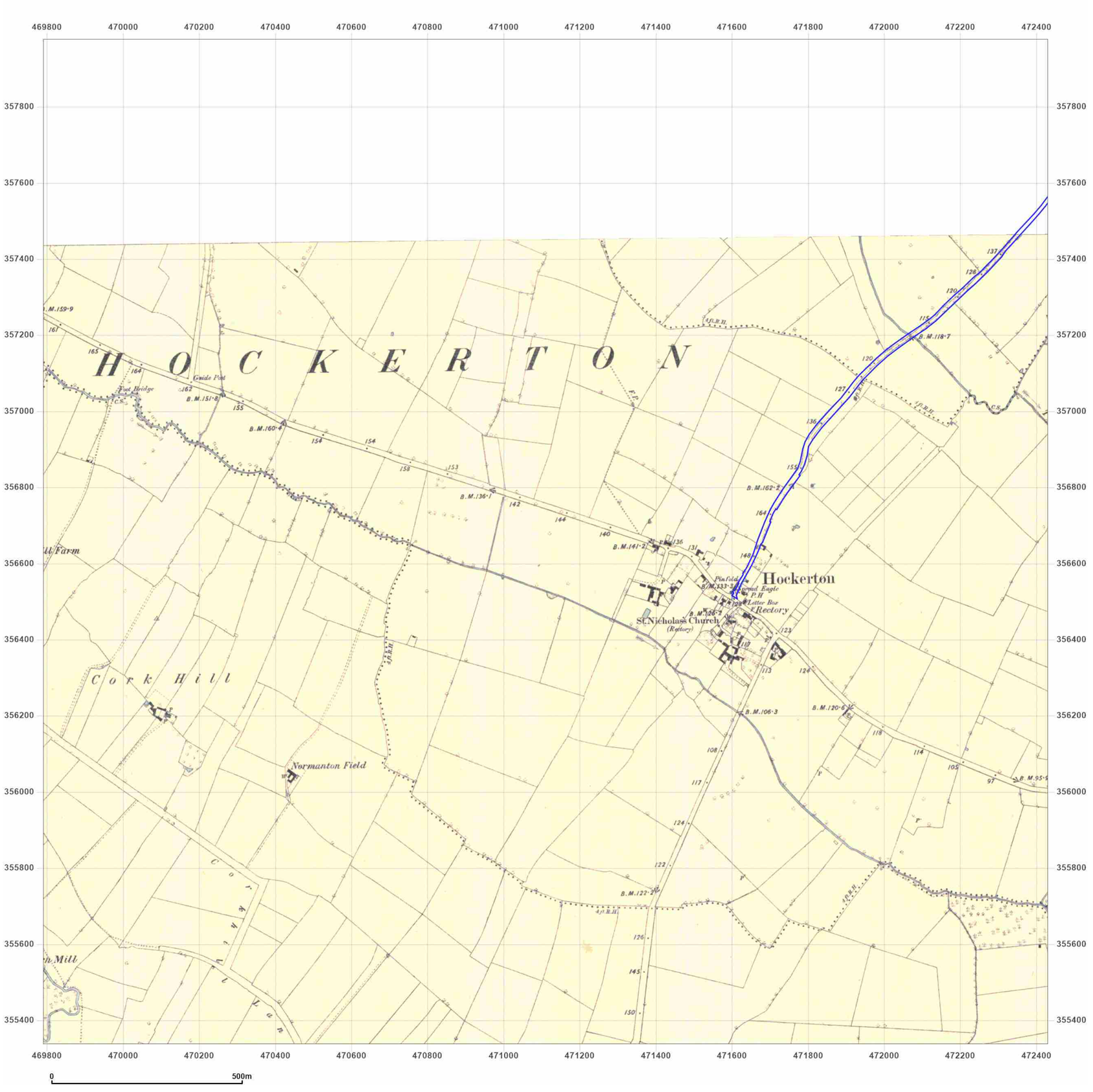
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Groundsure INSIGHTS

Small Scale Grid Index





Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

Map Name: County Series

Map date: **1883**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

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

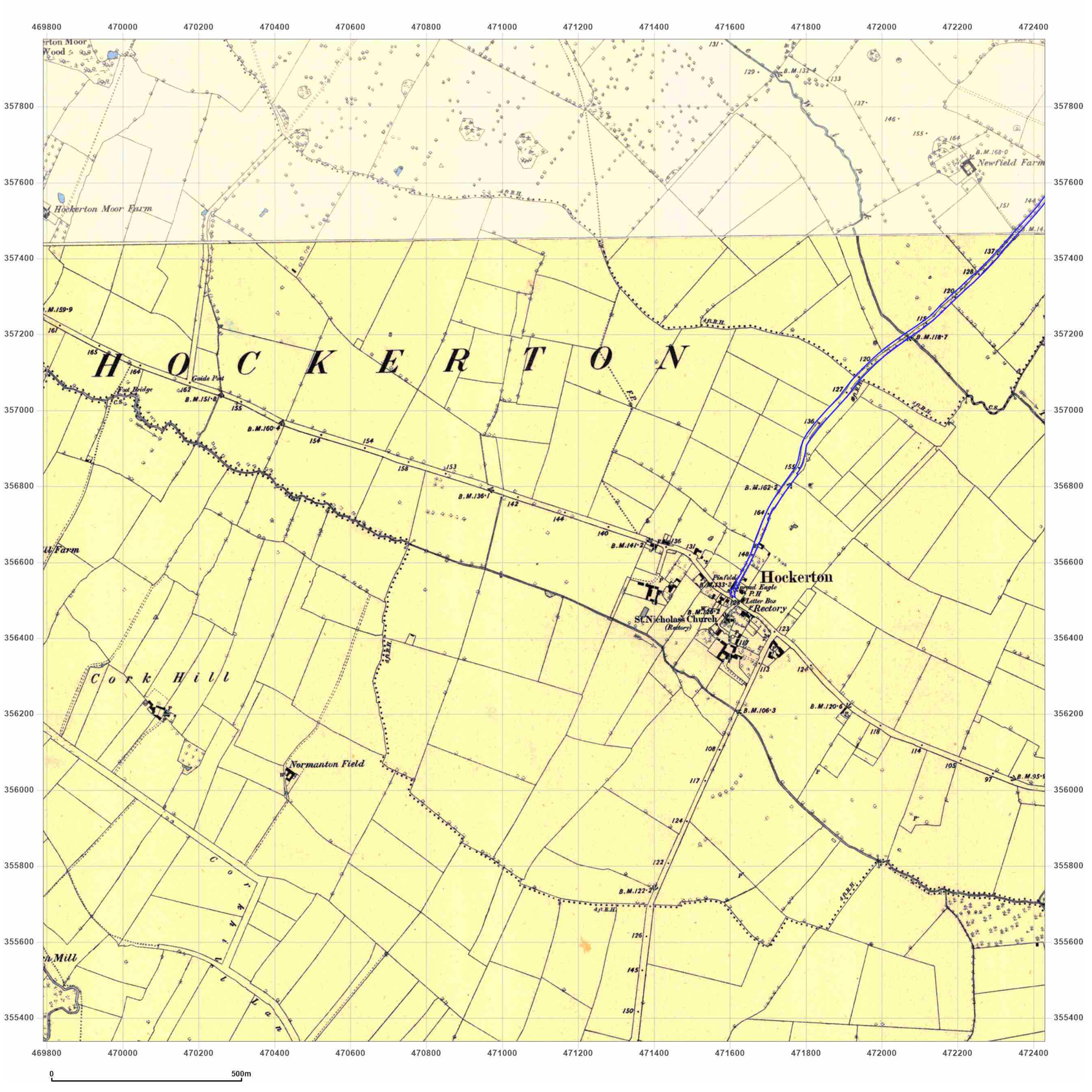
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Production date: 24 October 2024

Map legend available at: [redacted]



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Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

Map Name: County Series

Map date: **1883-1884**

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

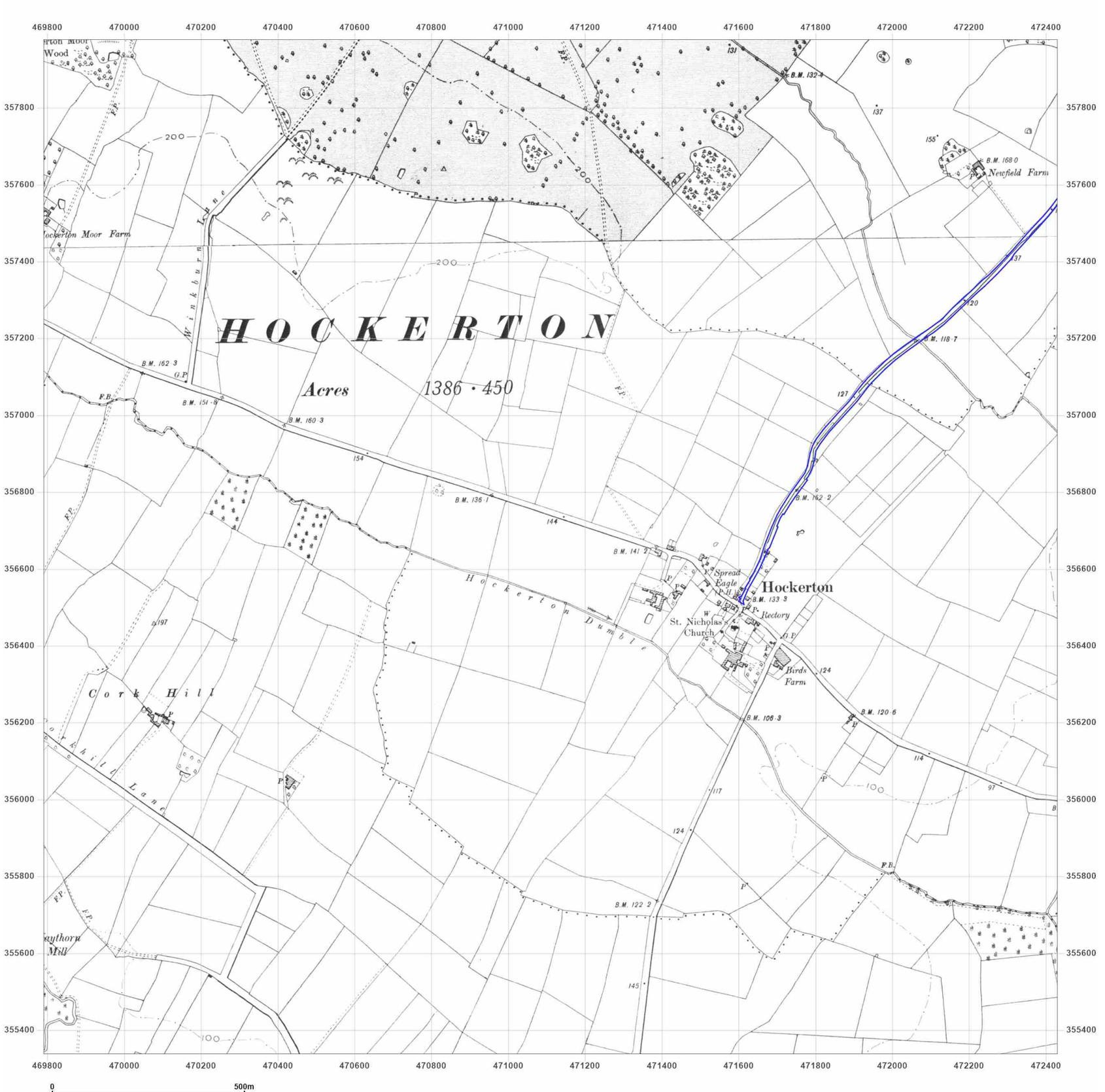
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Production date: 24 October 2024

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Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

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

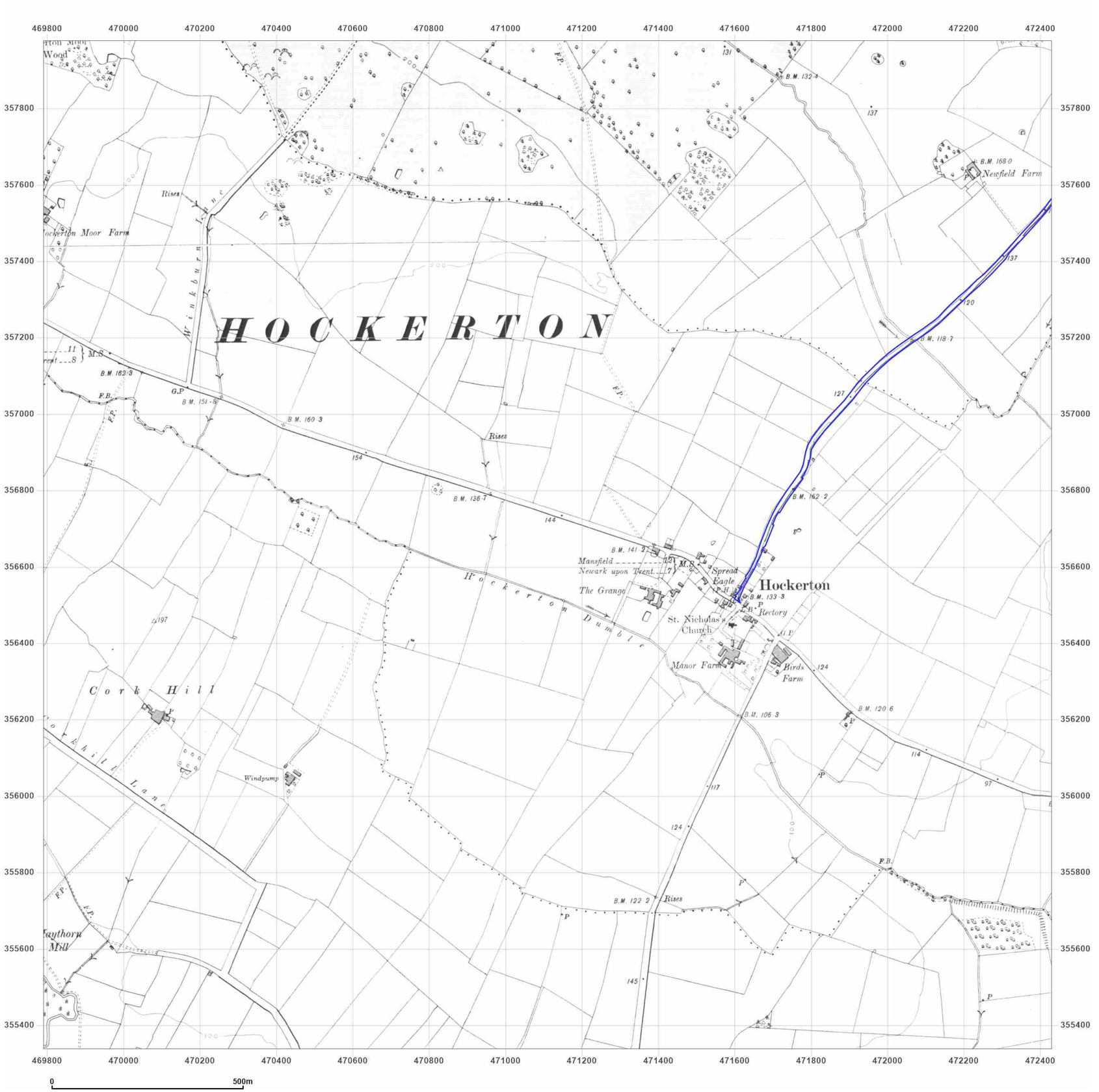
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

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

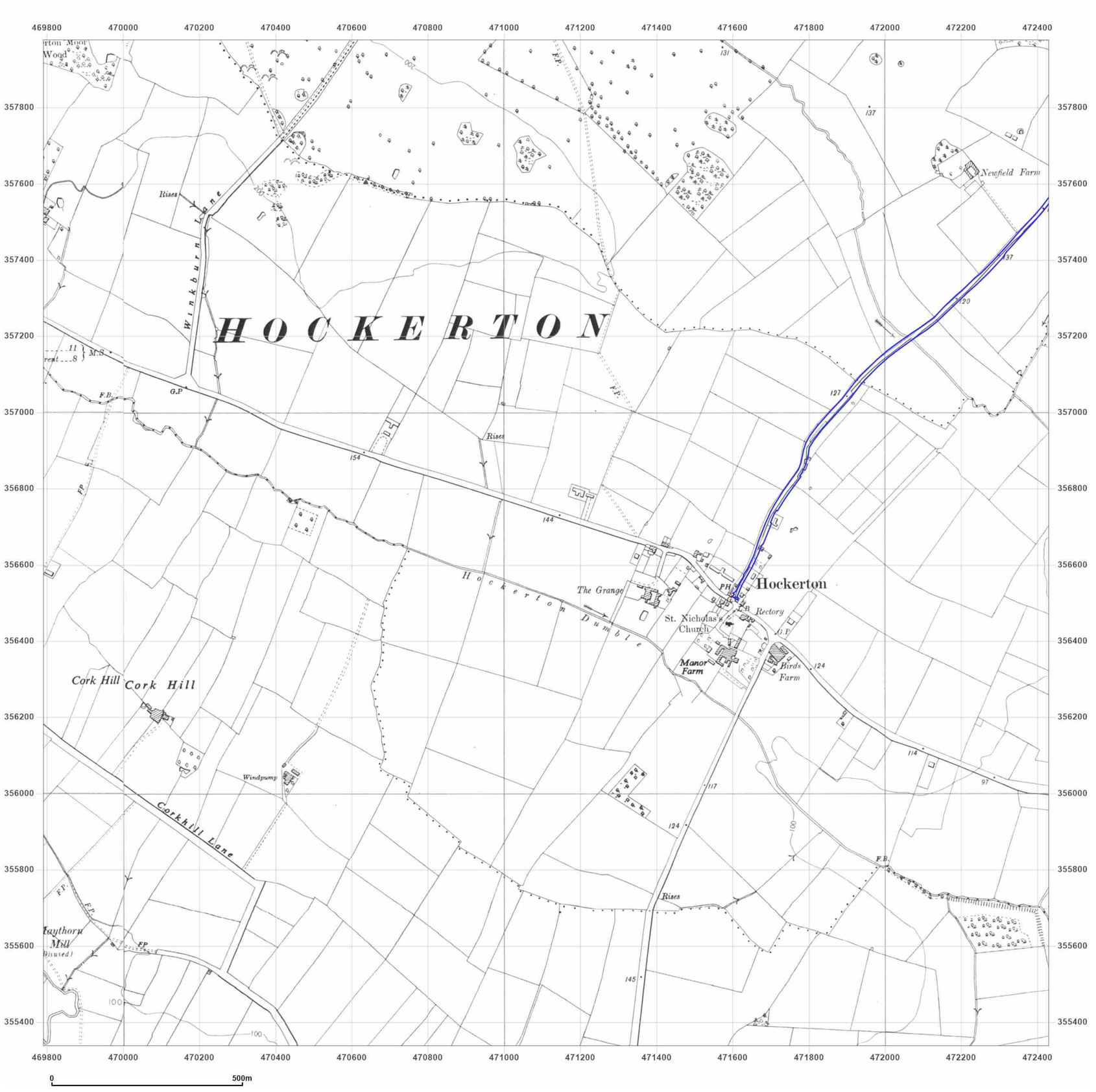
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

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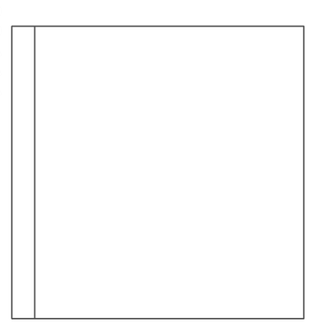
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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

Map Name: Provisional
Map date: **1950**
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 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

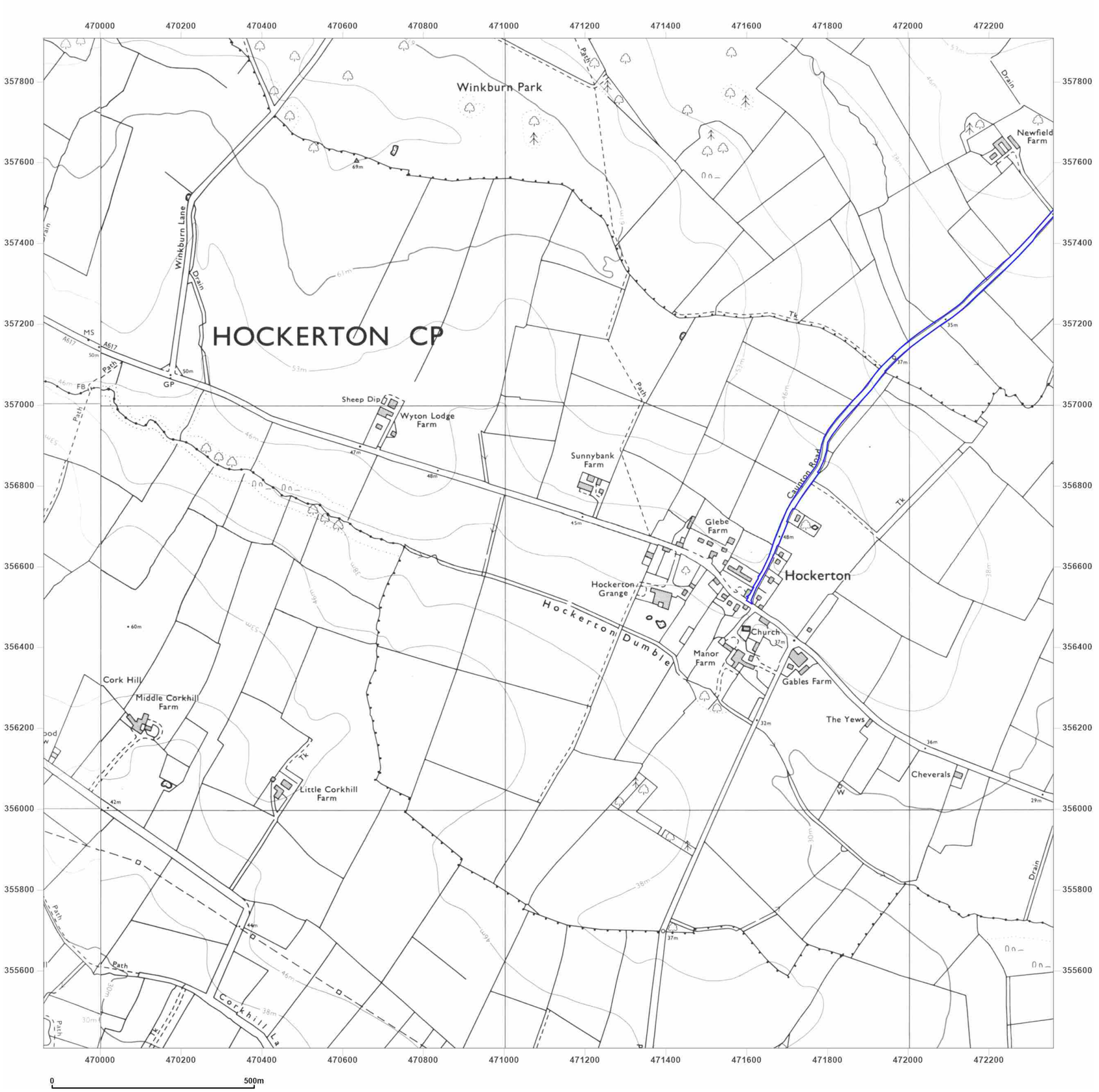
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

Map Name: National Grid

Map date: **1971**

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

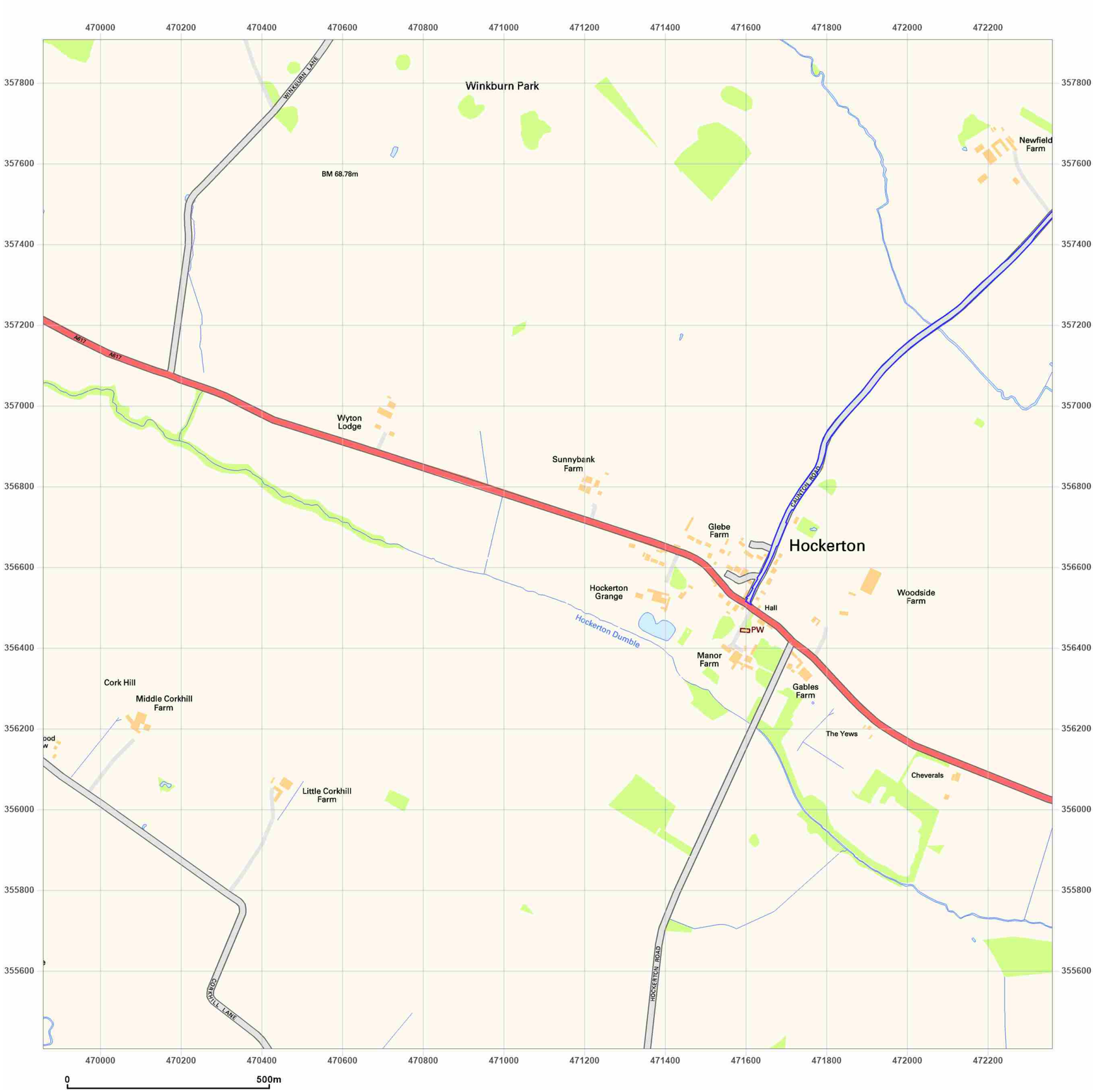
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

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

N
W E
S

2001

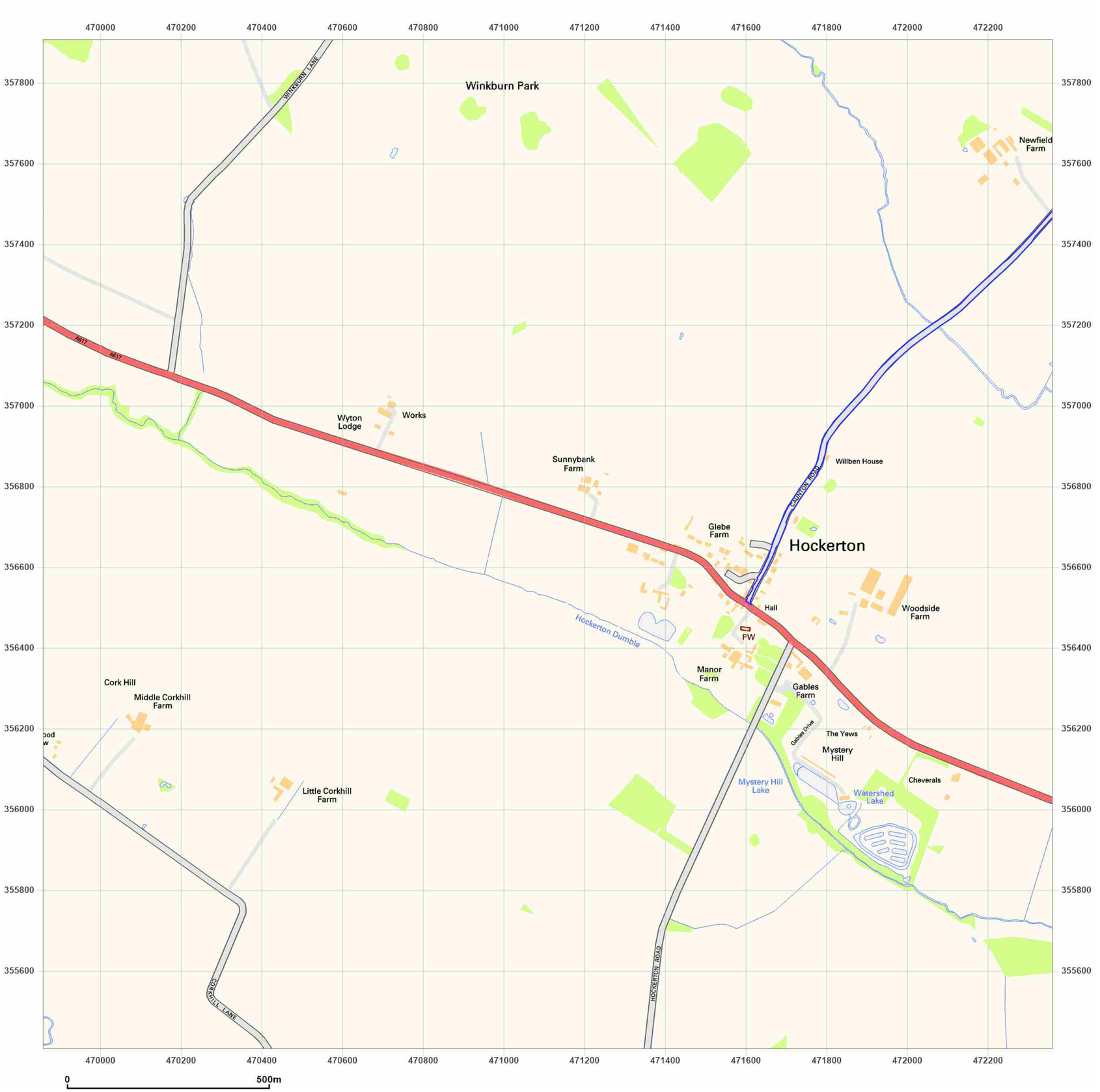
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

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

N
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2010

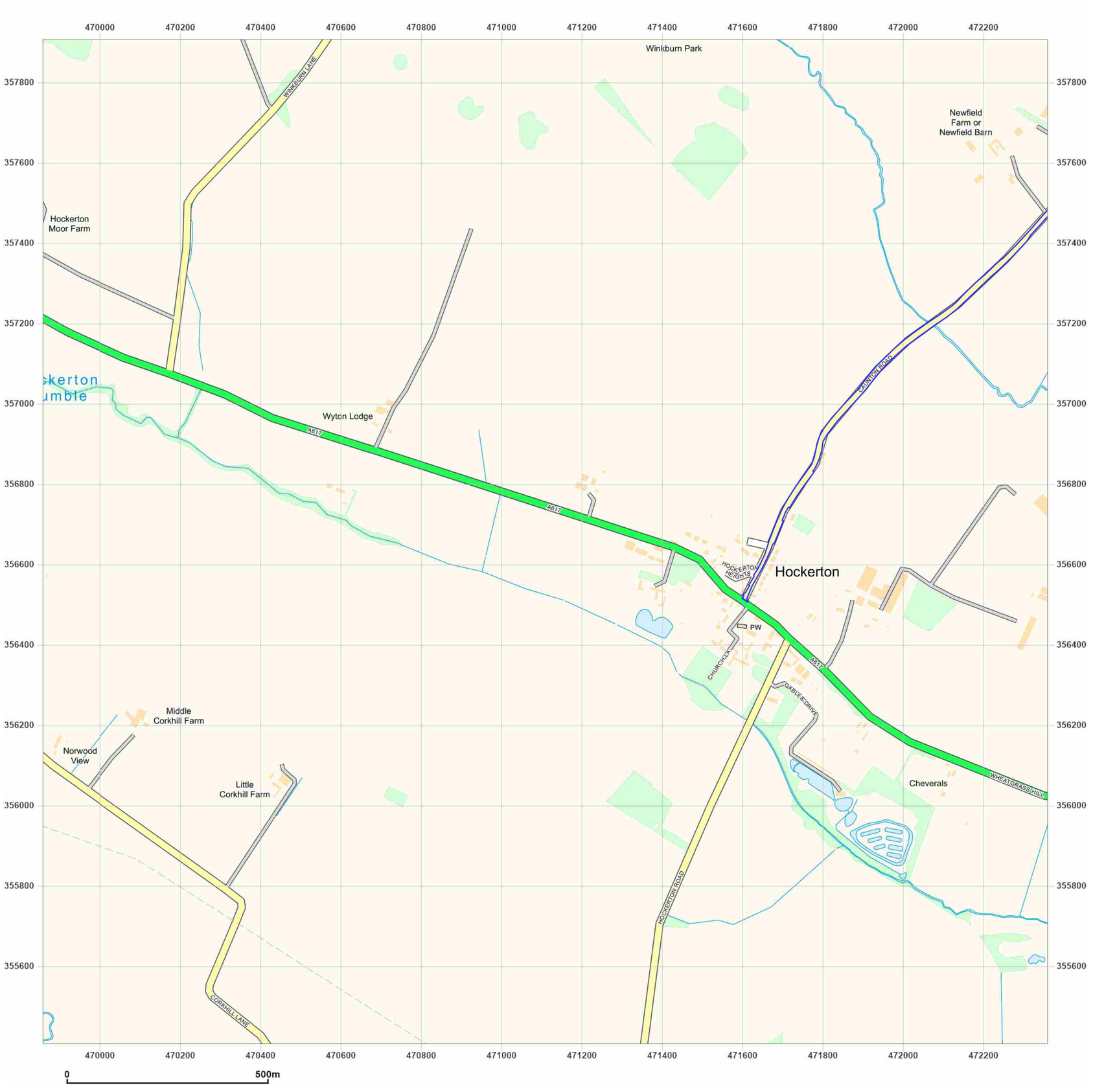
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_1
Grid Ref: 471109, 356657

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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2024

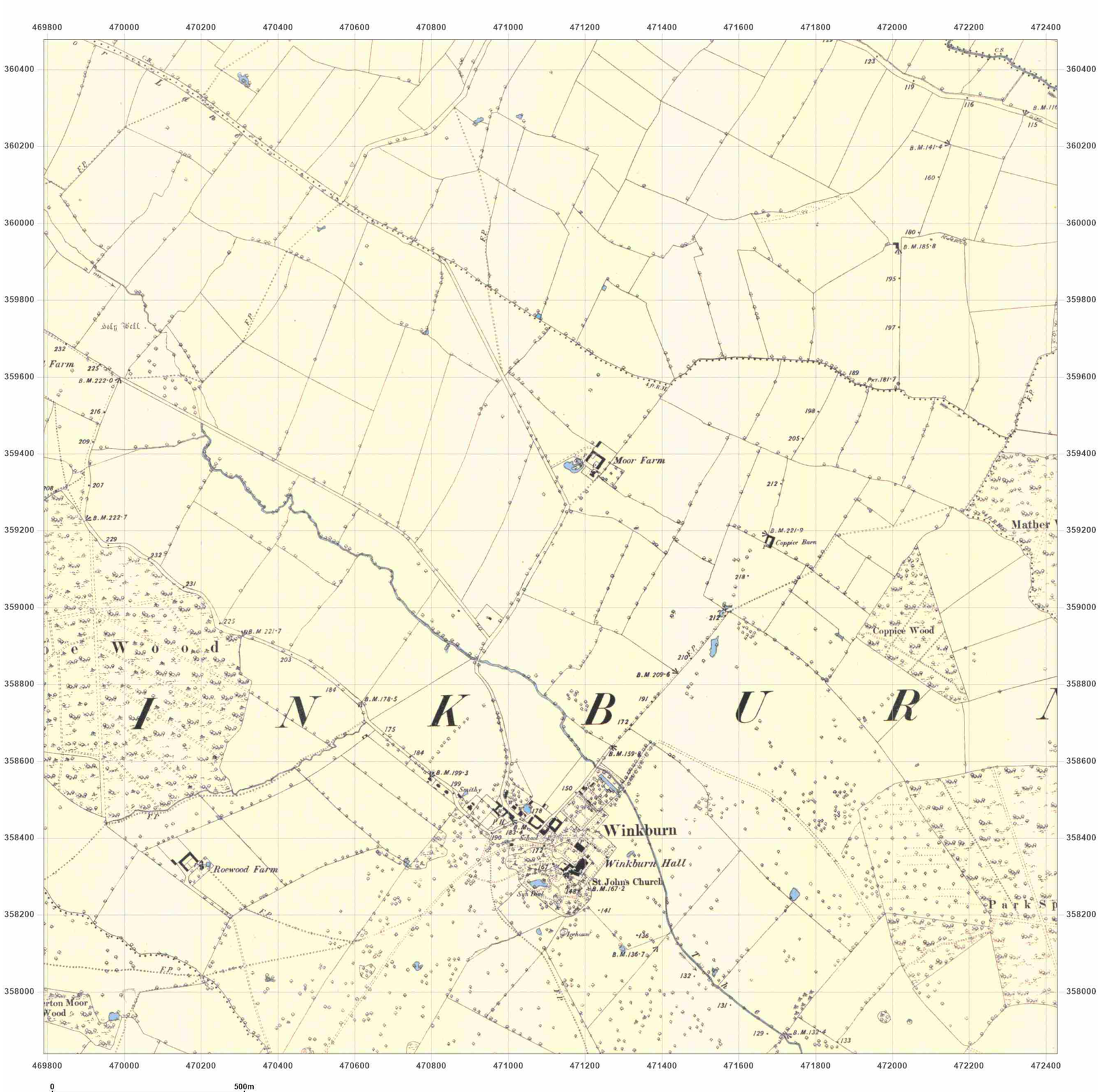
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

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

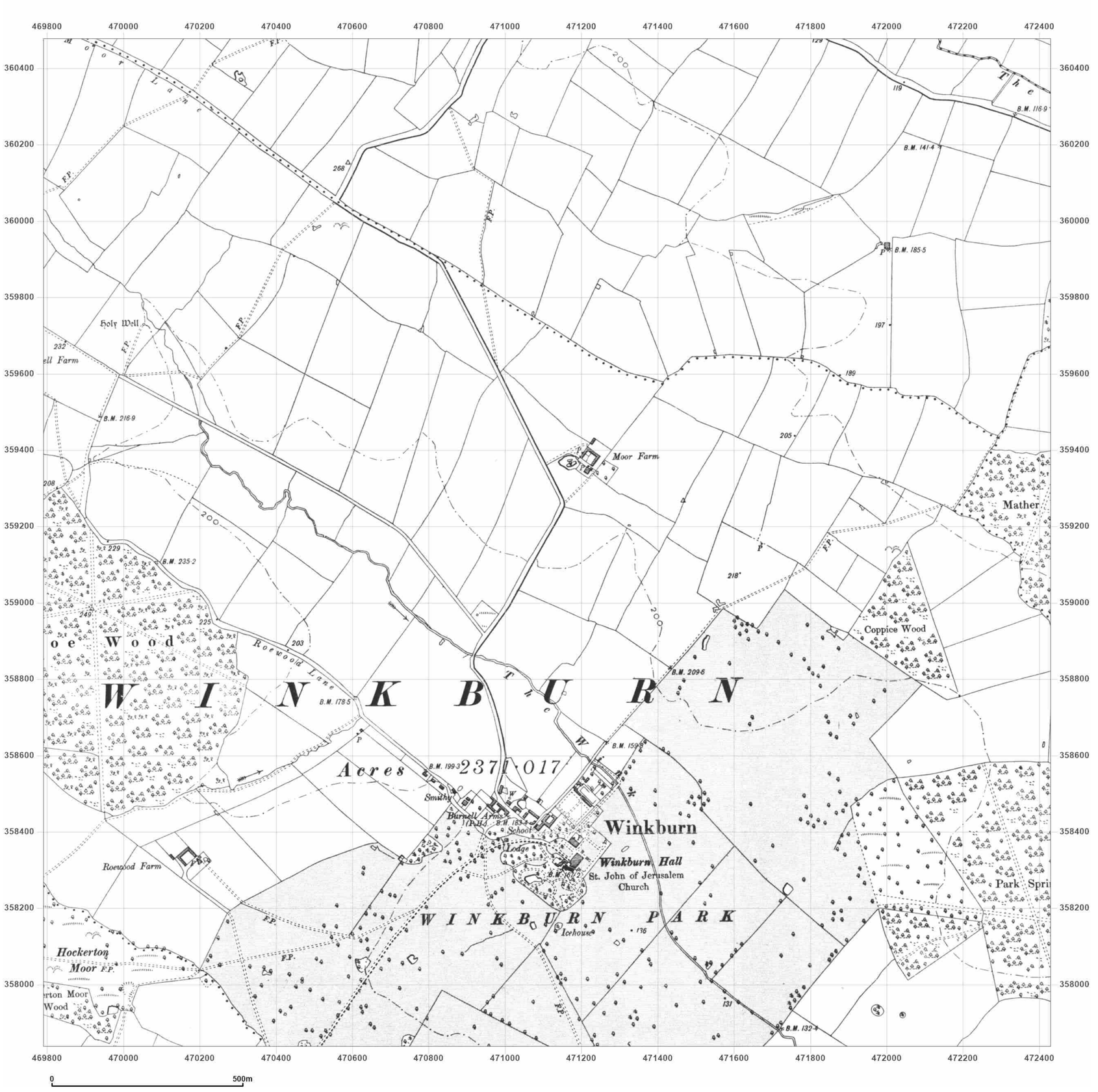
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Production date: 24 October 2024

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Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

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

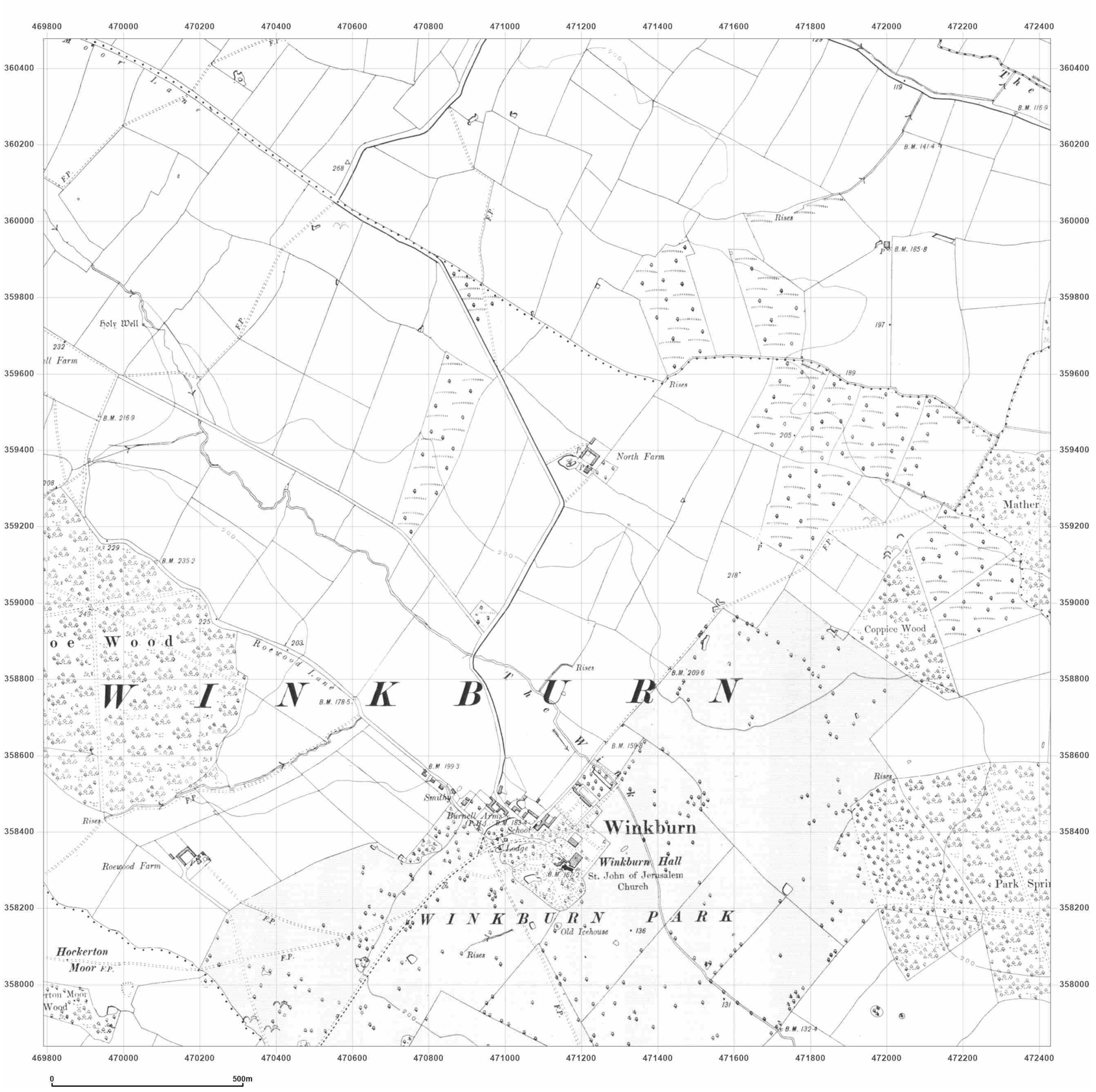
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

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

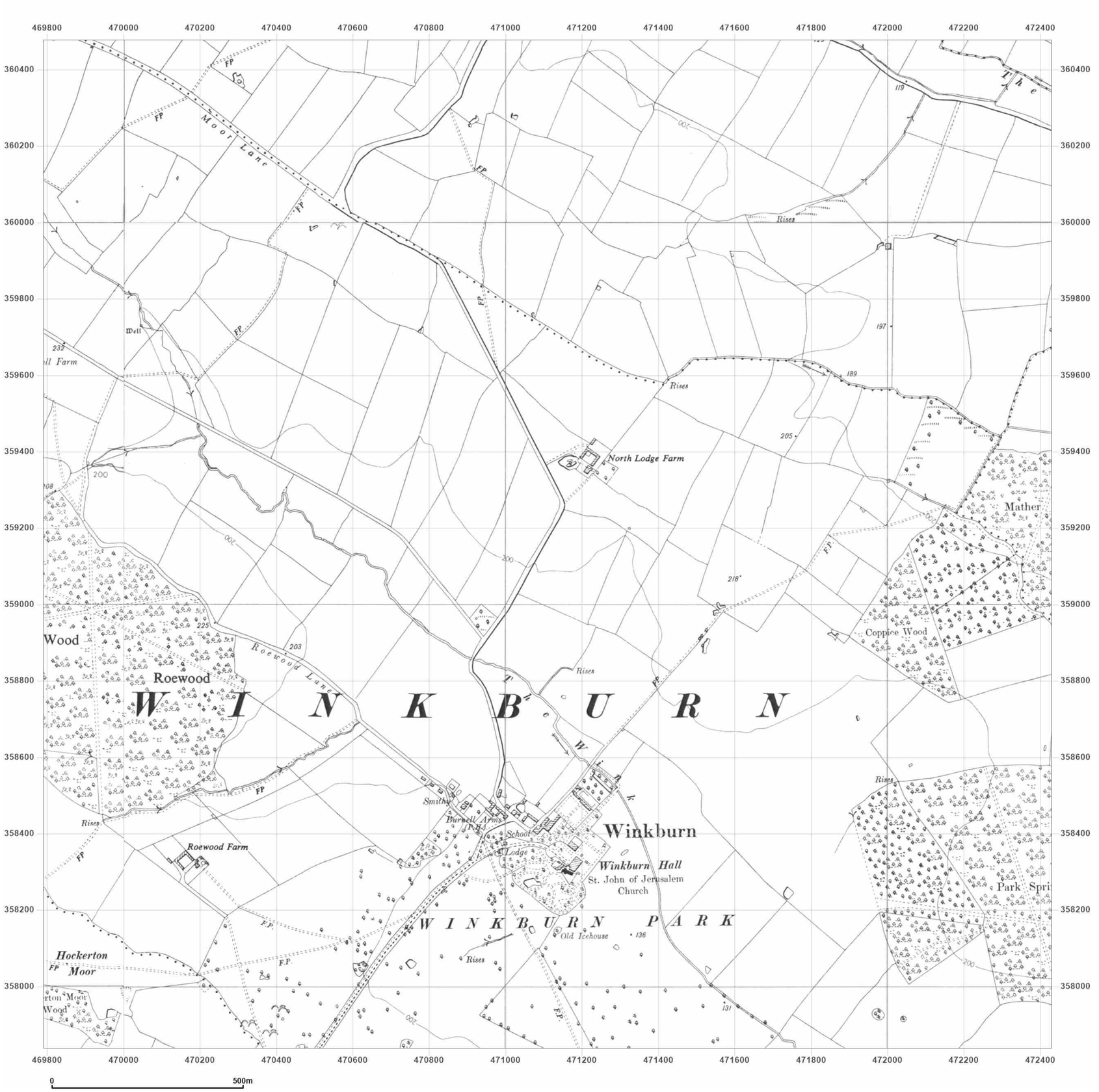
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

Map Name: Provisional
Map date: **1950**
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 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

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

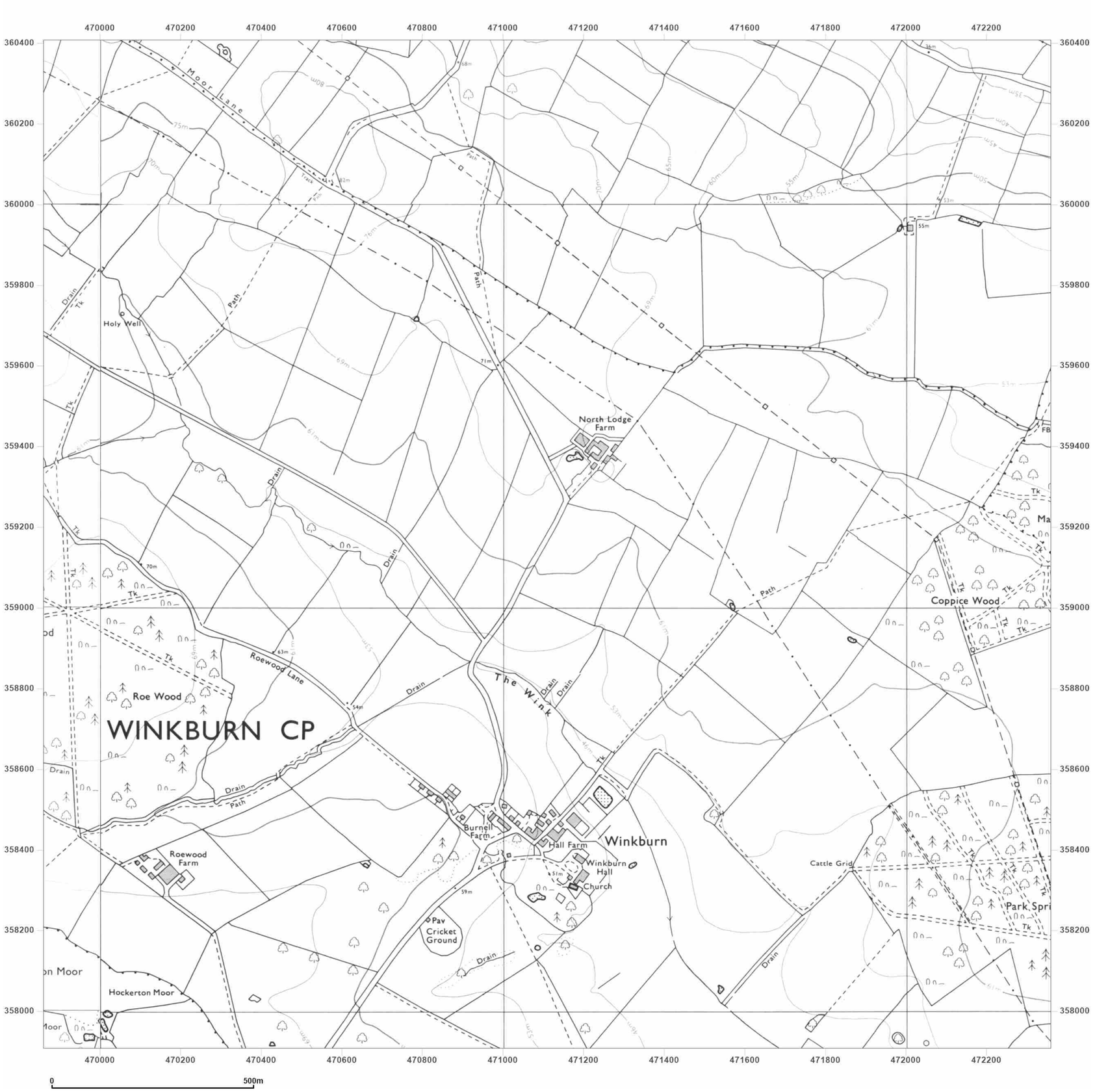
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

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Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

Map Name: National Grid

Map date: **1971-1975**

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 1975
Edition N/A
Copyright N/A
Levelled N/A

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

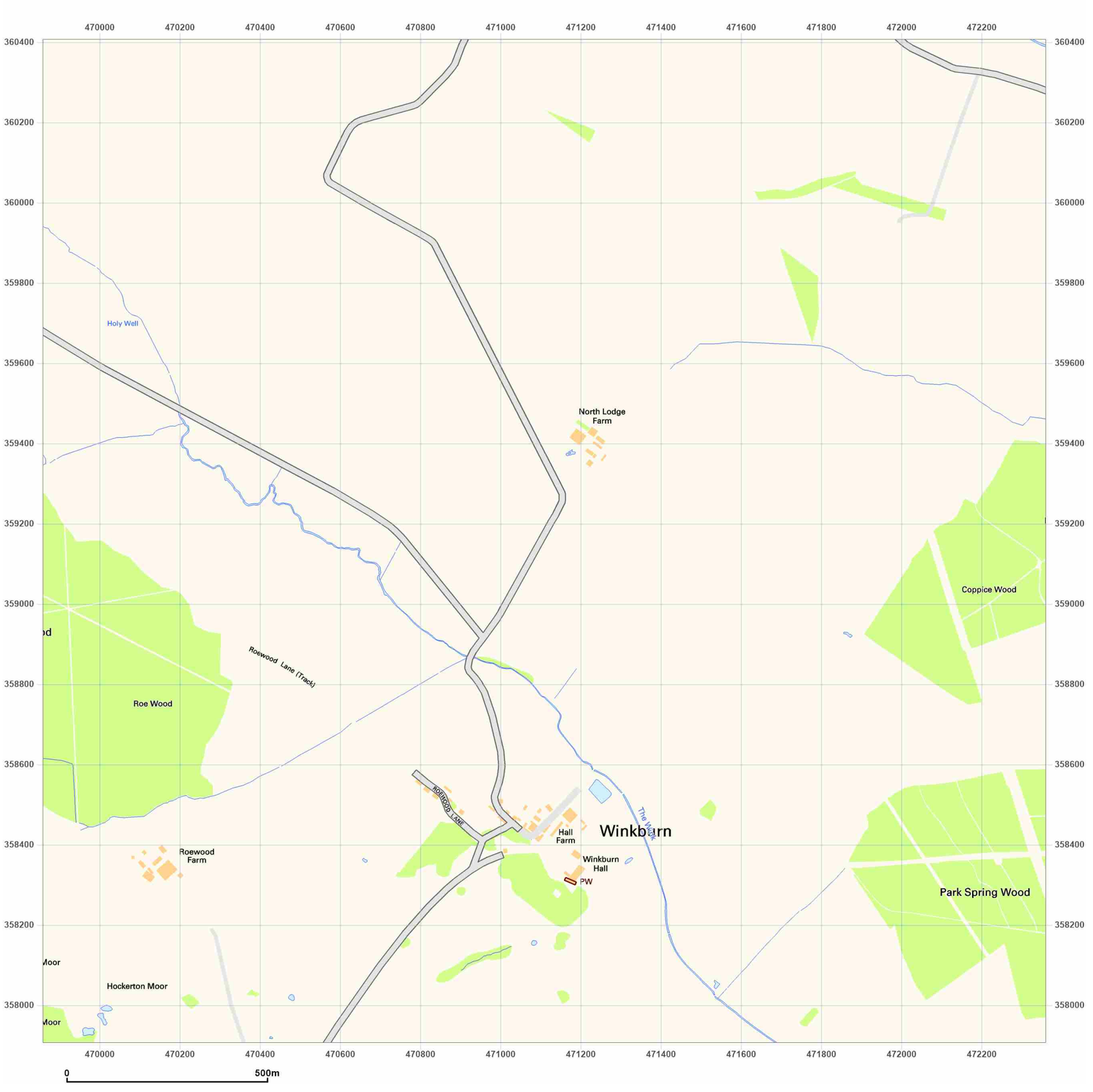
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Production date: 24 October 2024

Map legend available at: [redacted]



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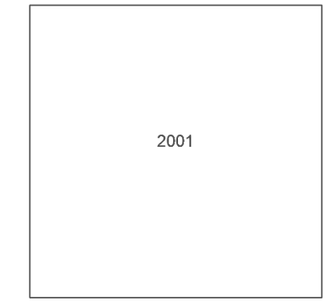
Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

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

N
W E
S

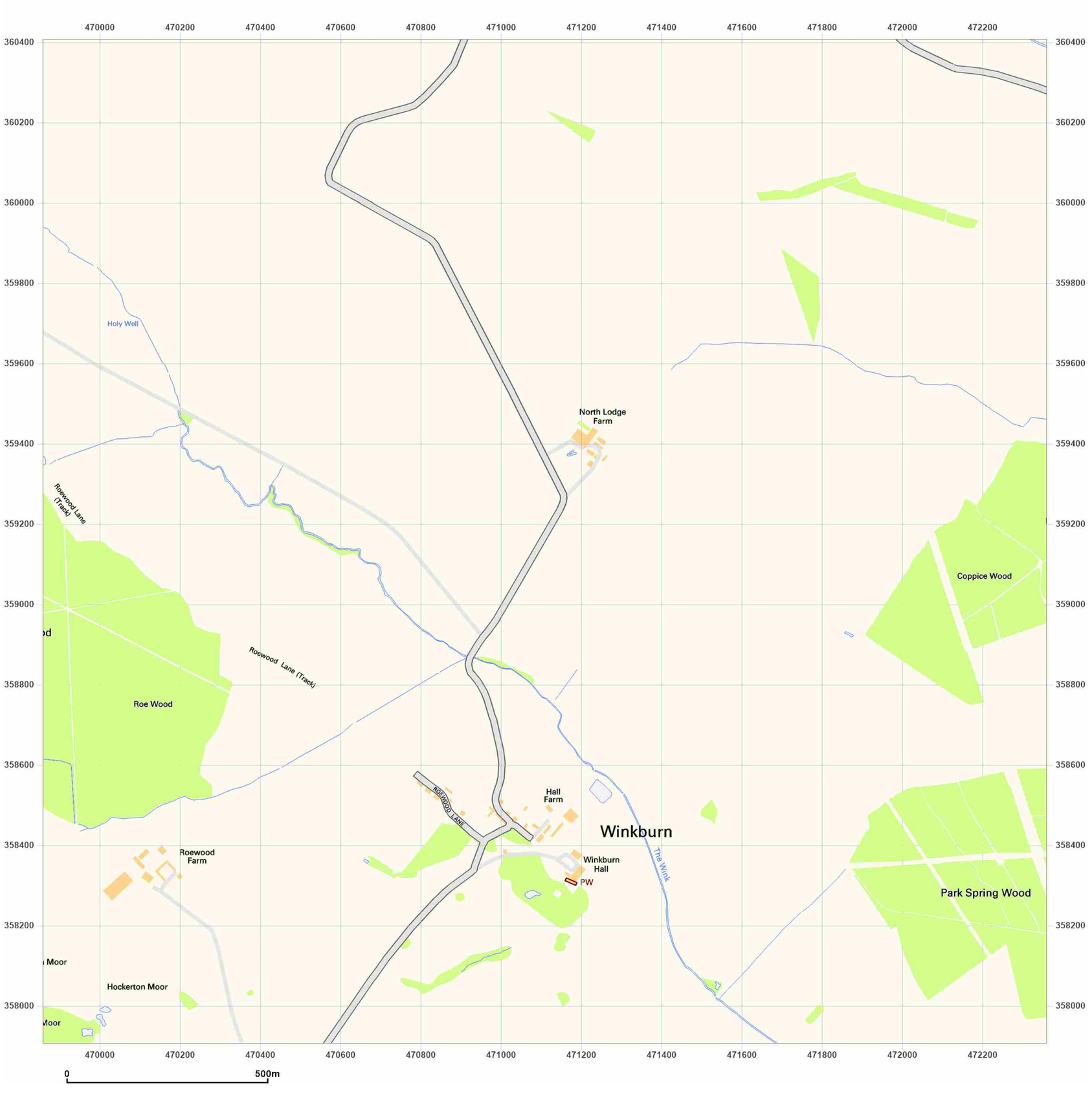


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Production date: 24 October 2024

Map legend available at: [redacted]



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Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

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

N
W E
S

2010

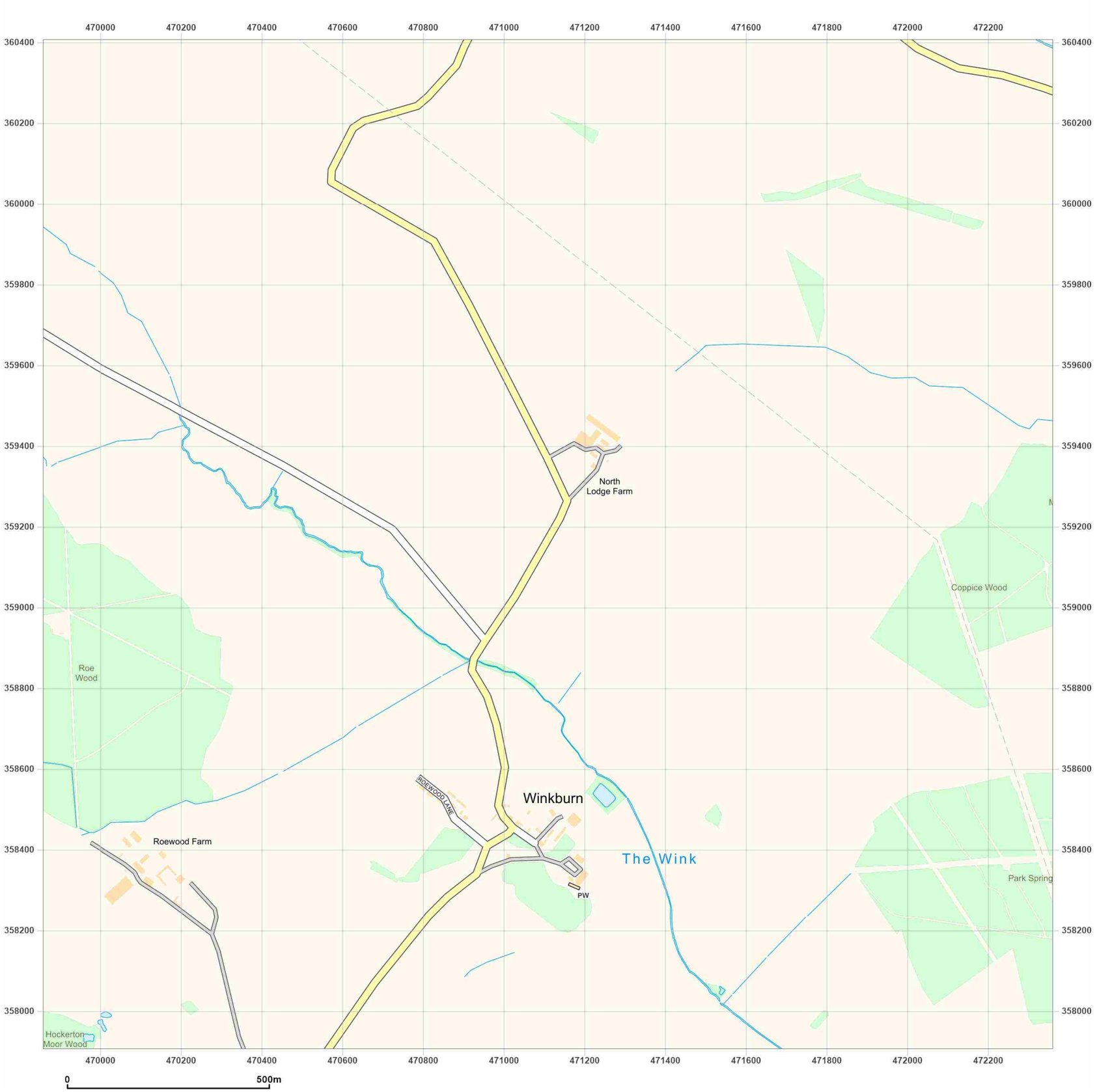
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_1_2
Grid Ref: 471109, 359157

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

N
W E
S

2024

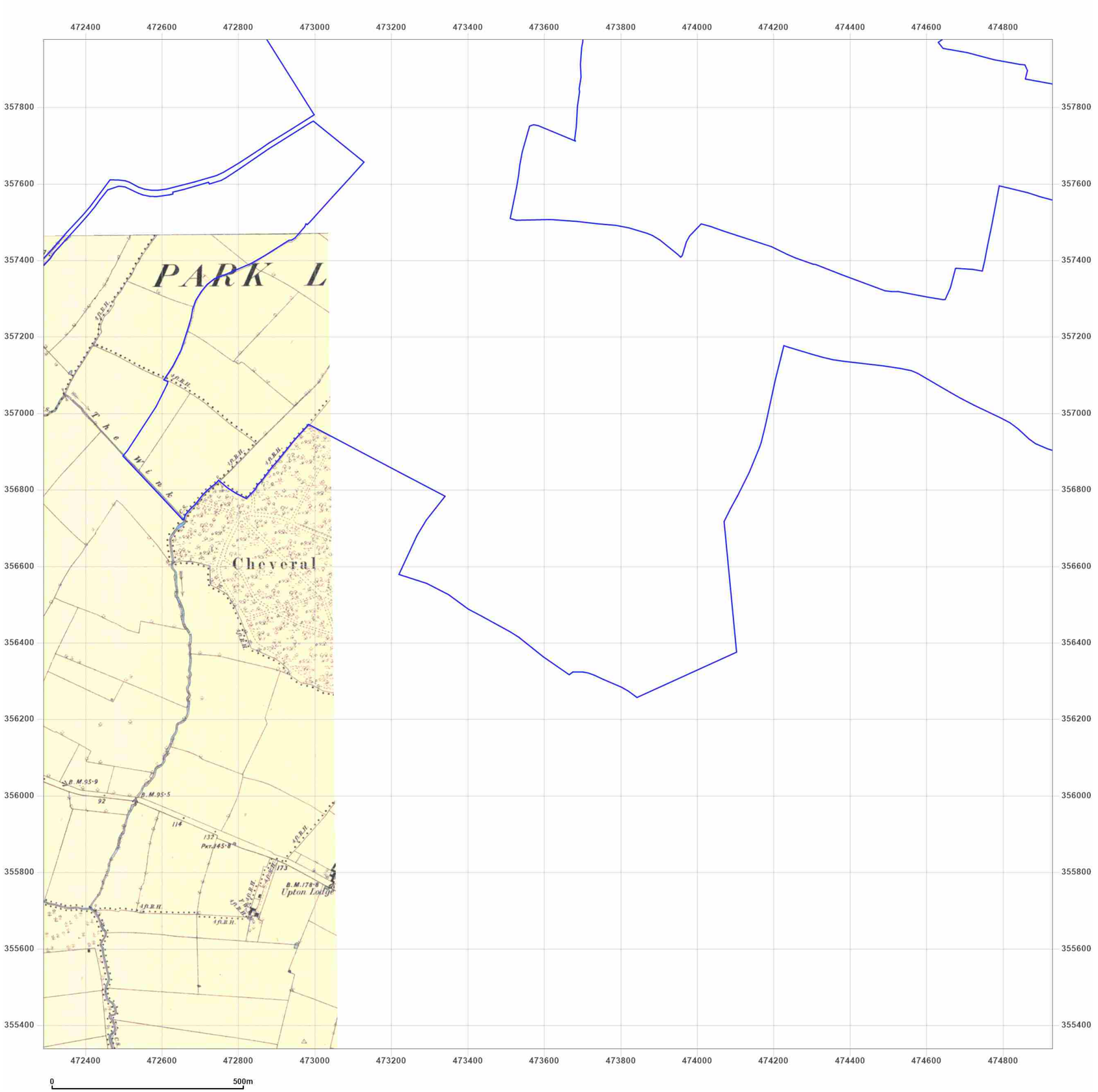
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

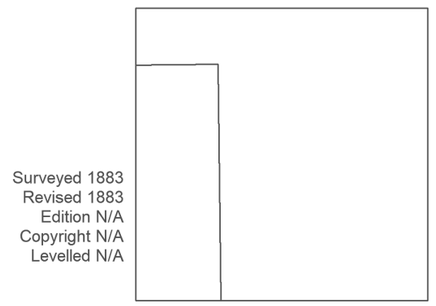
Map Name: County Series

Map date: **1883**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S



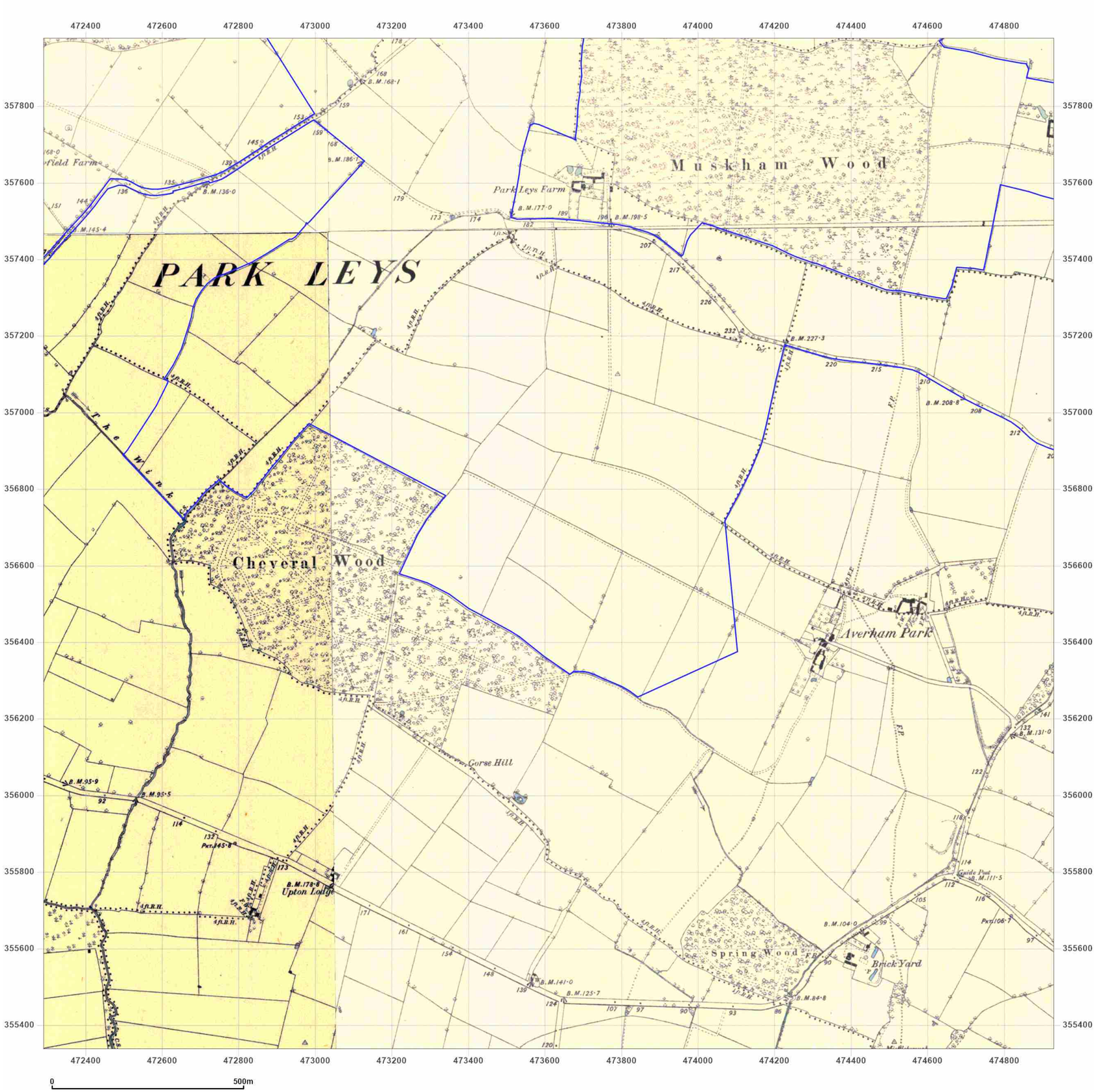
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: County Series

Map date: **1883-1884**

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

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

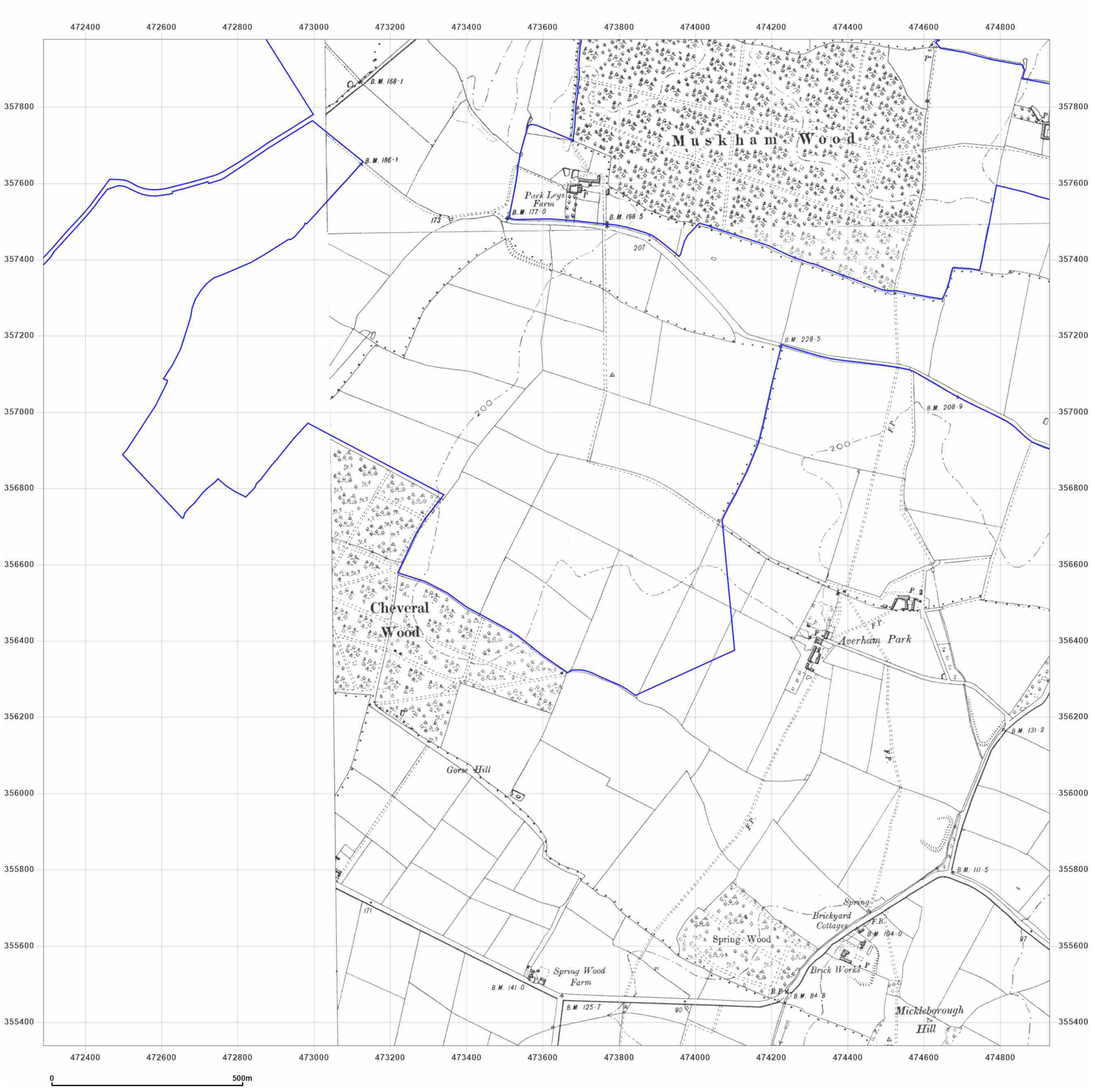
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: County Series

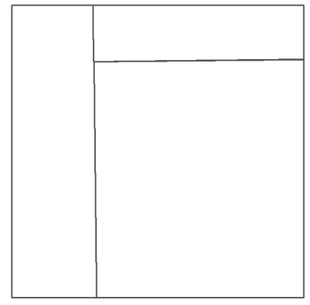
Map date: **1899**

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_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: County Series

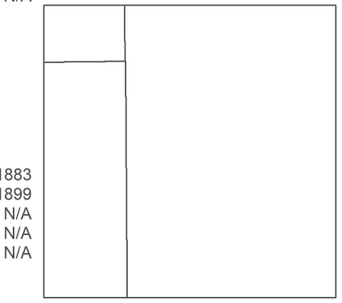
Map date: **1899**

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

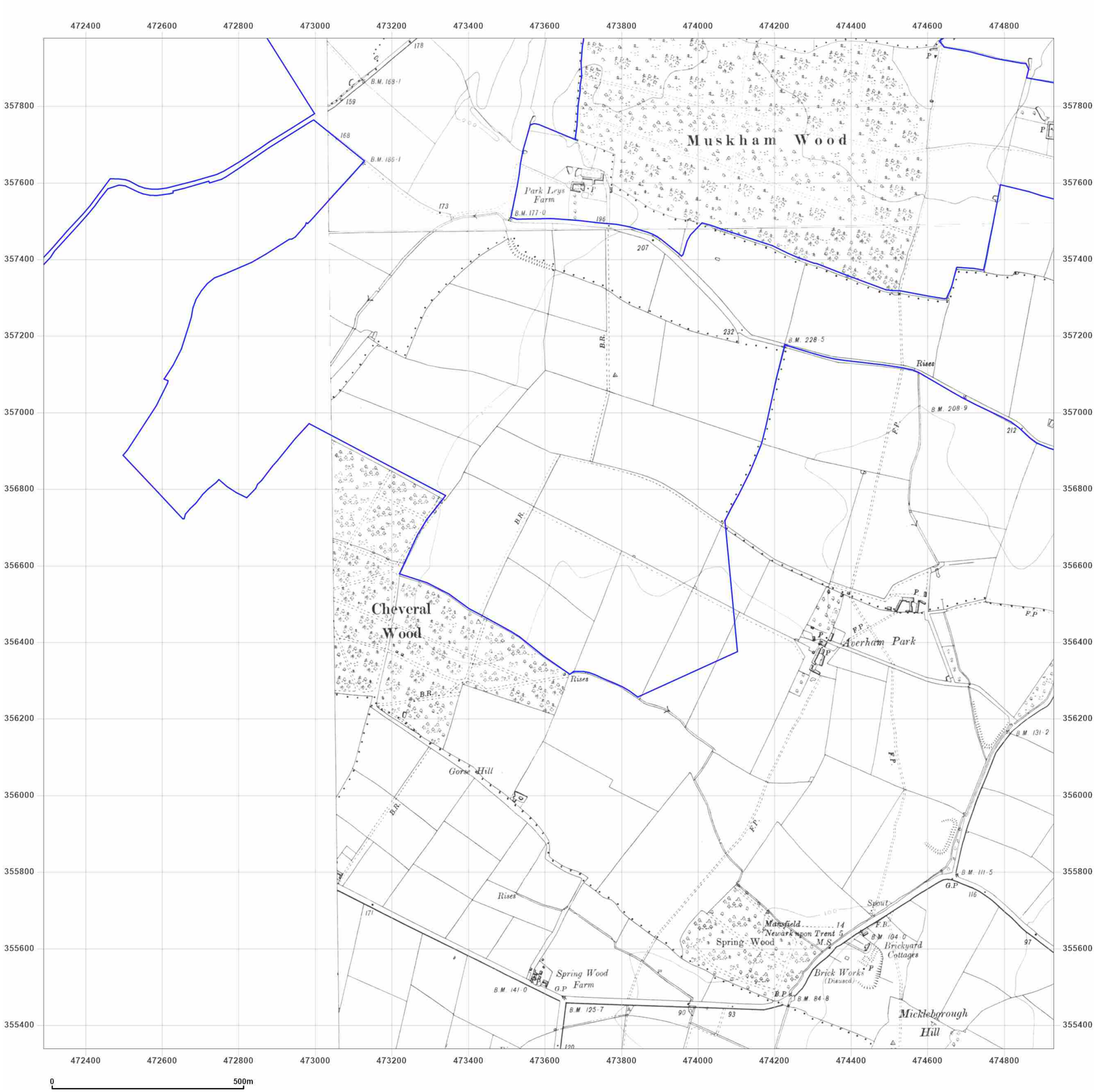
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: County Series

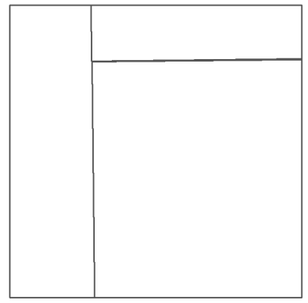
Map date: **1921**

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_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: County Series

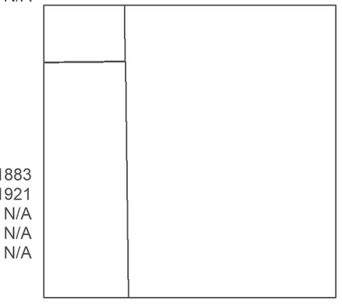
Map date: **1921**

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

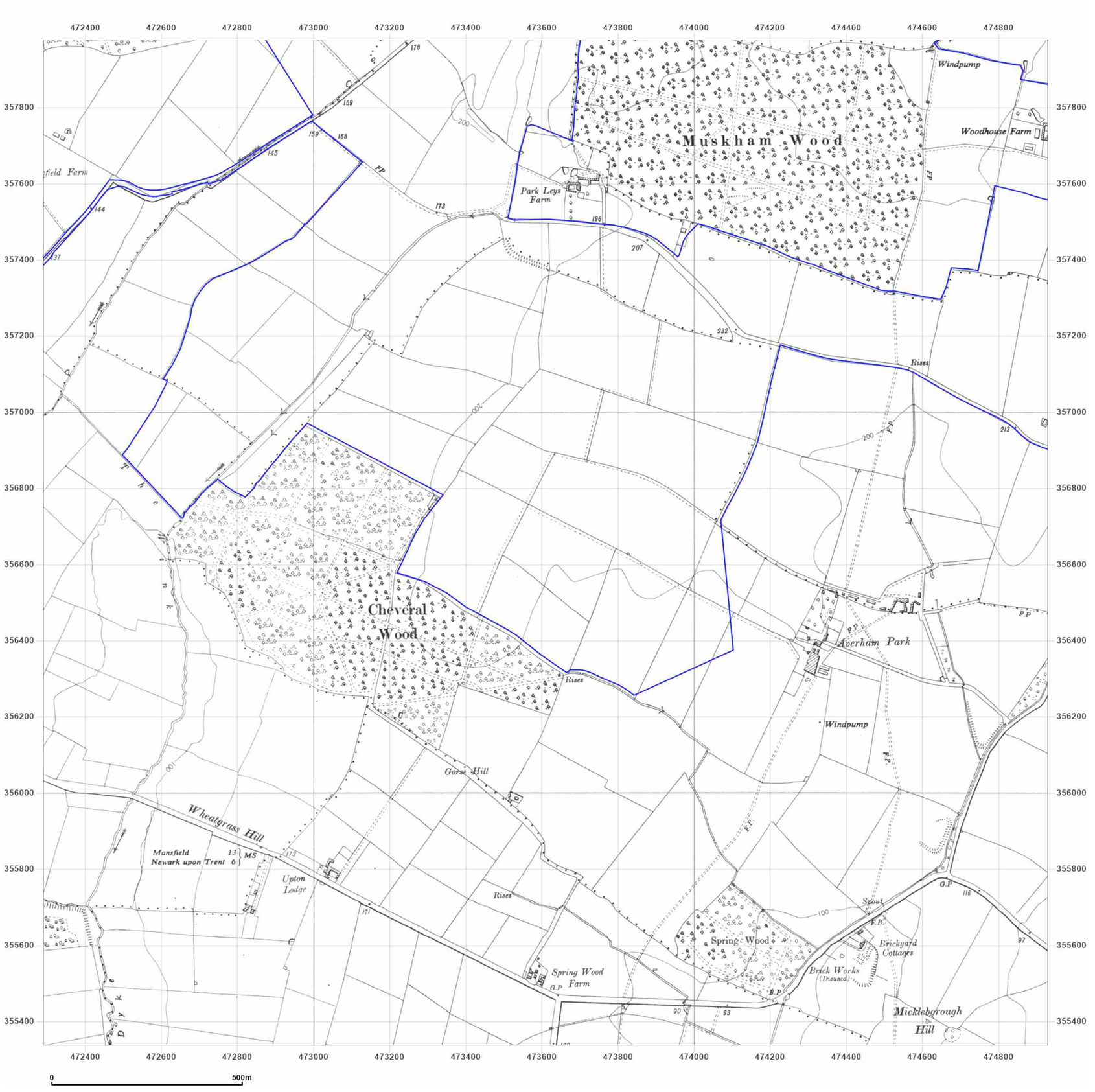
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: Provisional
Map date: **1950**
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

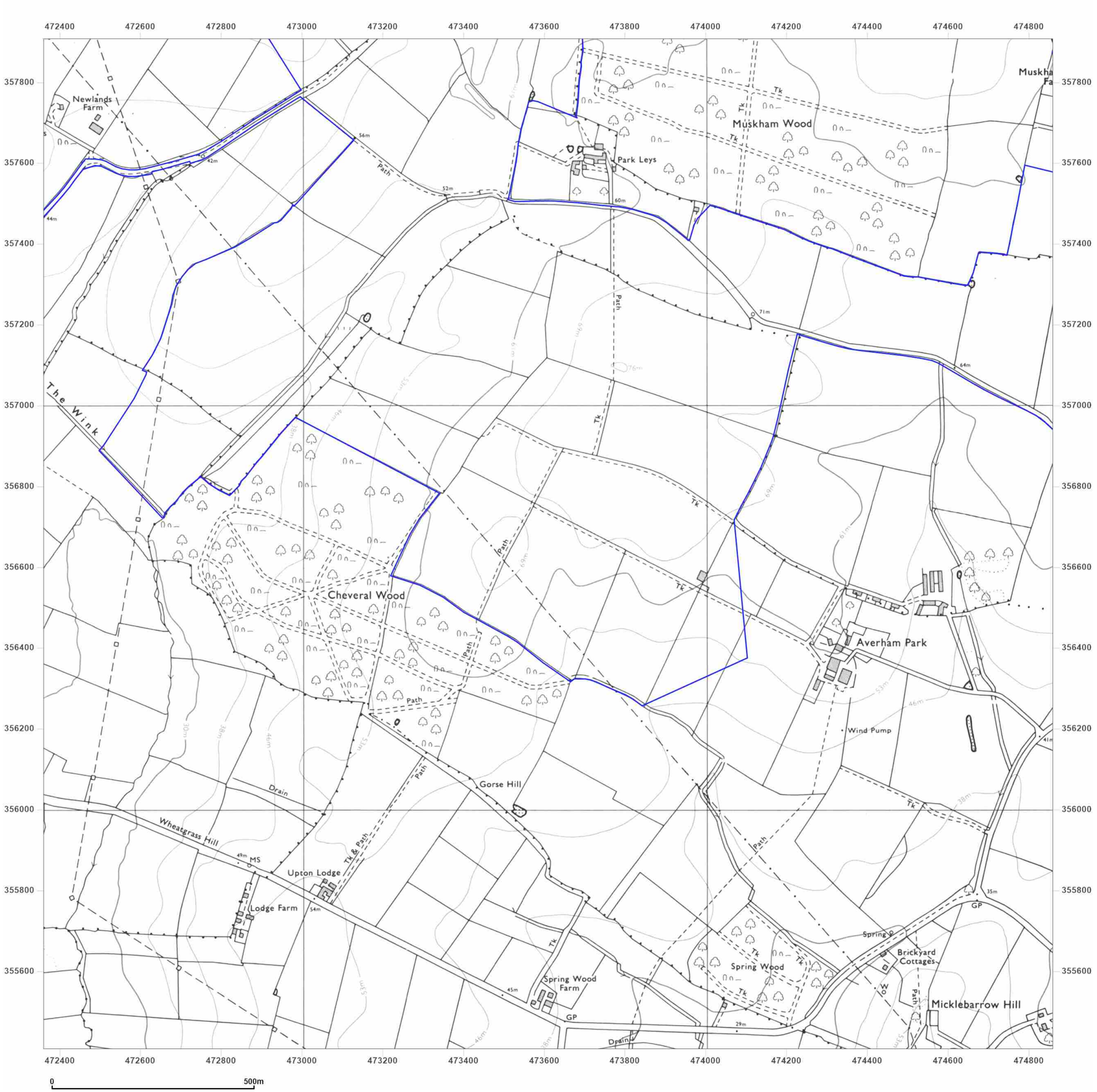
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

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

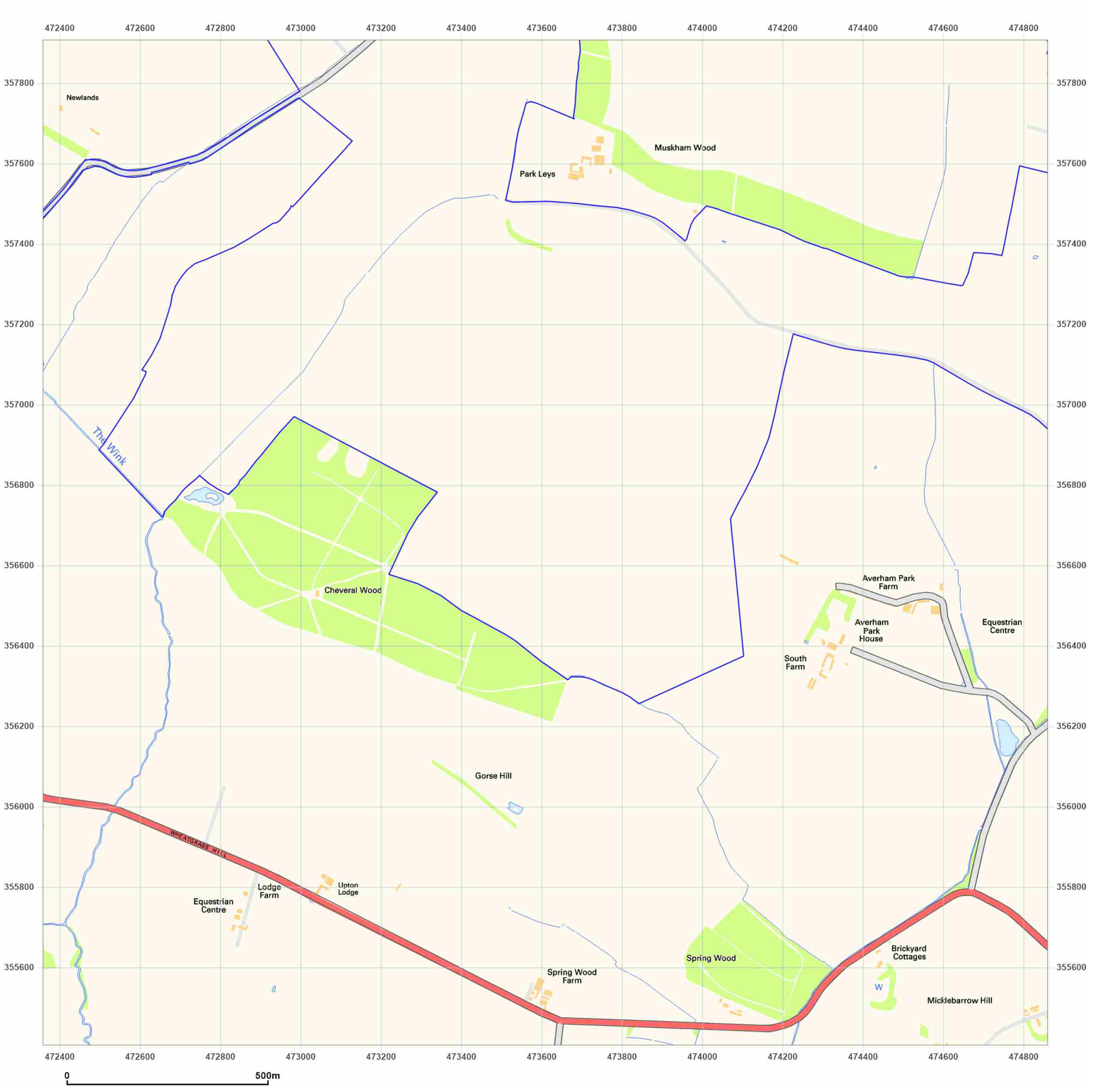
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

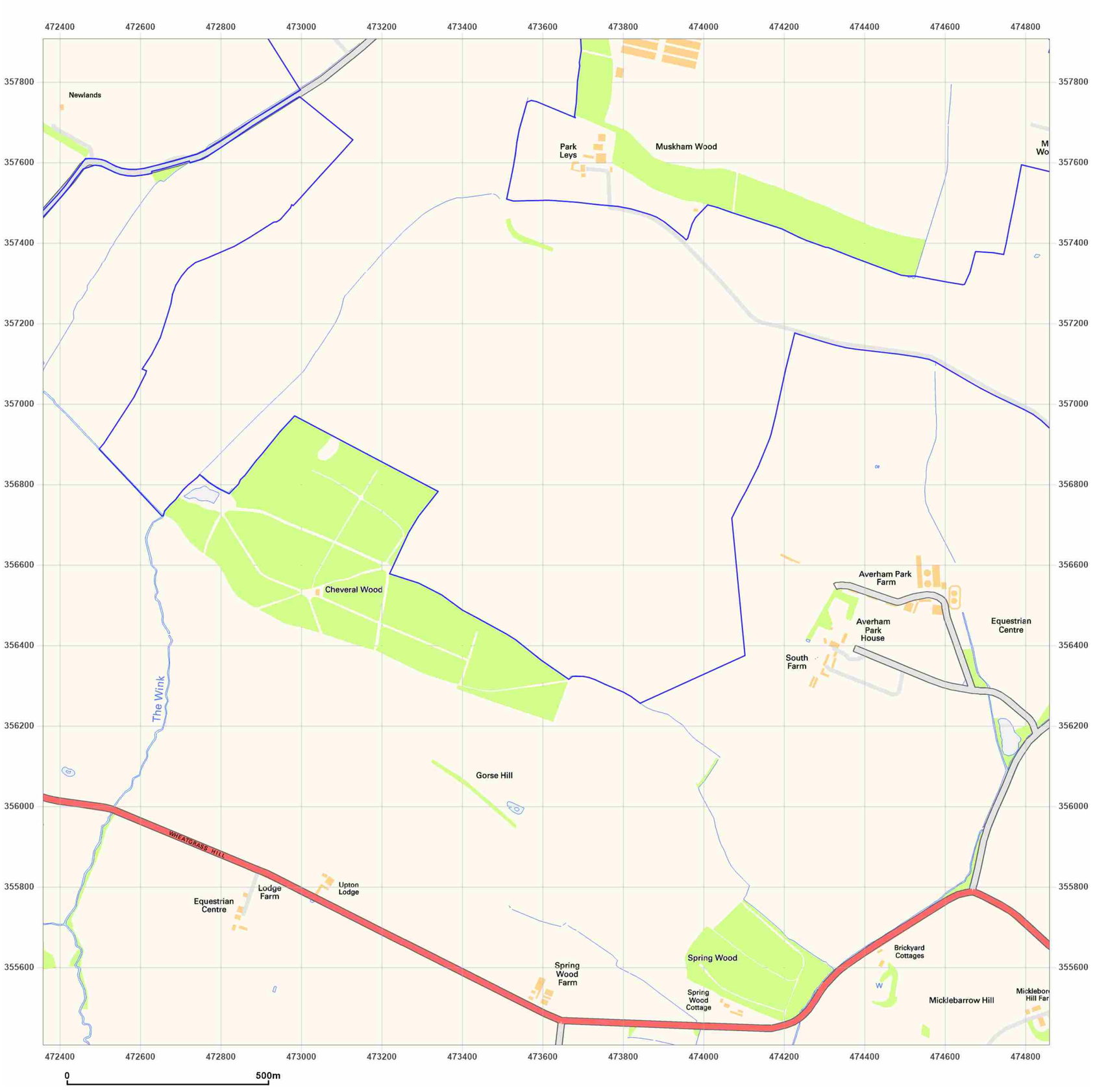
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

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

N
W E
S

2010

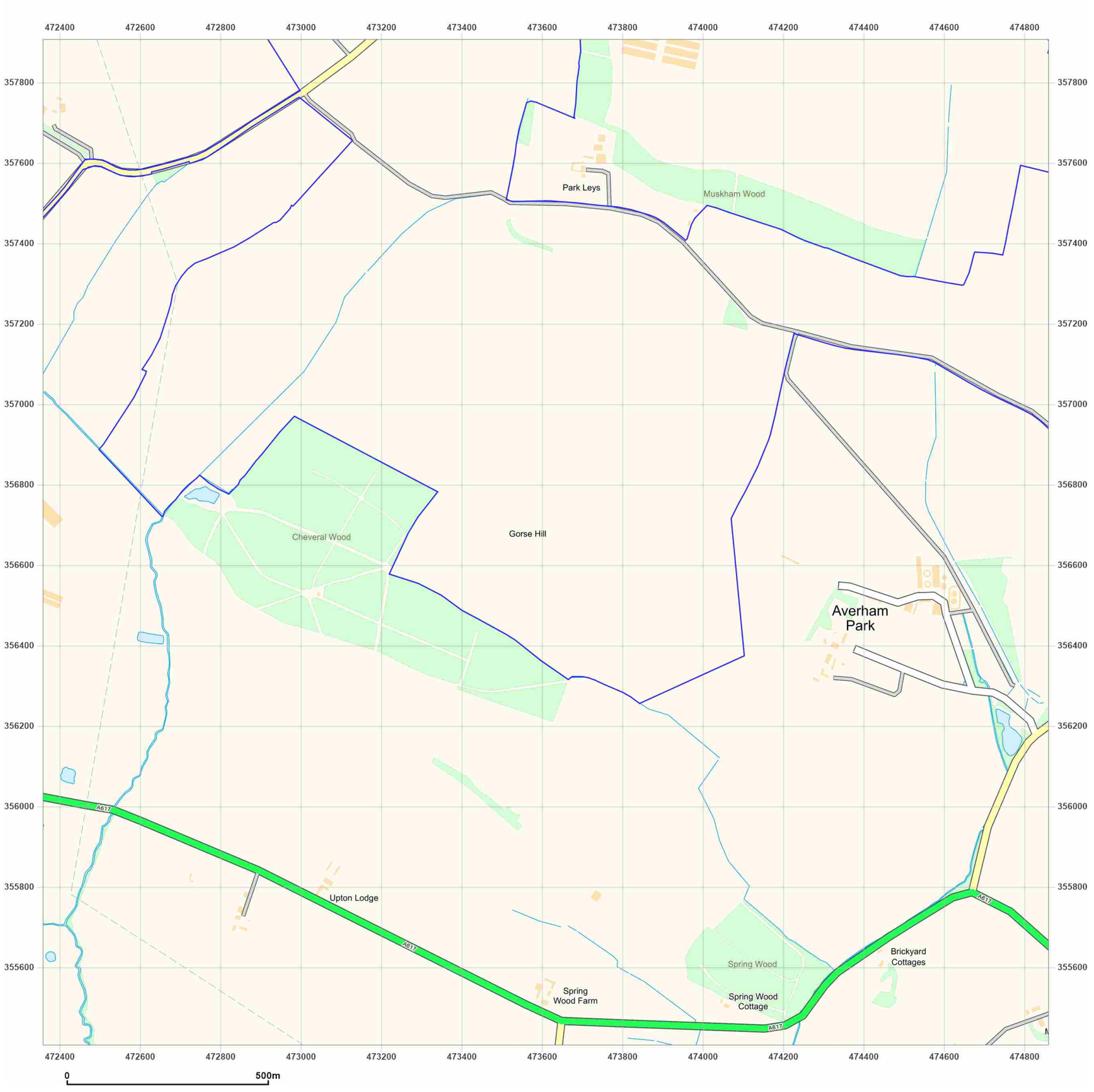
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_1
Grid Ref: 473609, 356657

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2024

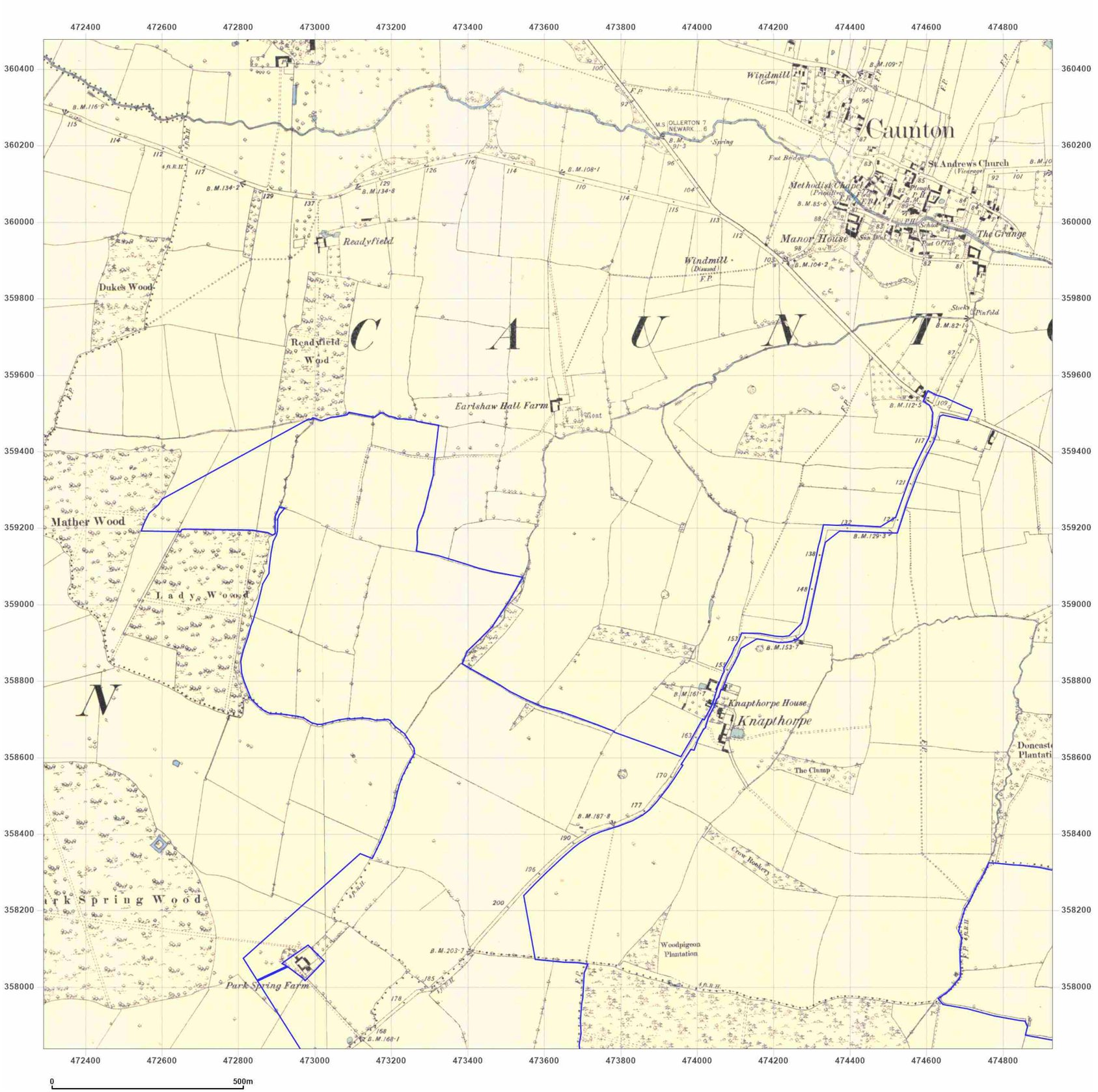
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_2
Grid Ref: 473609, 359157

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

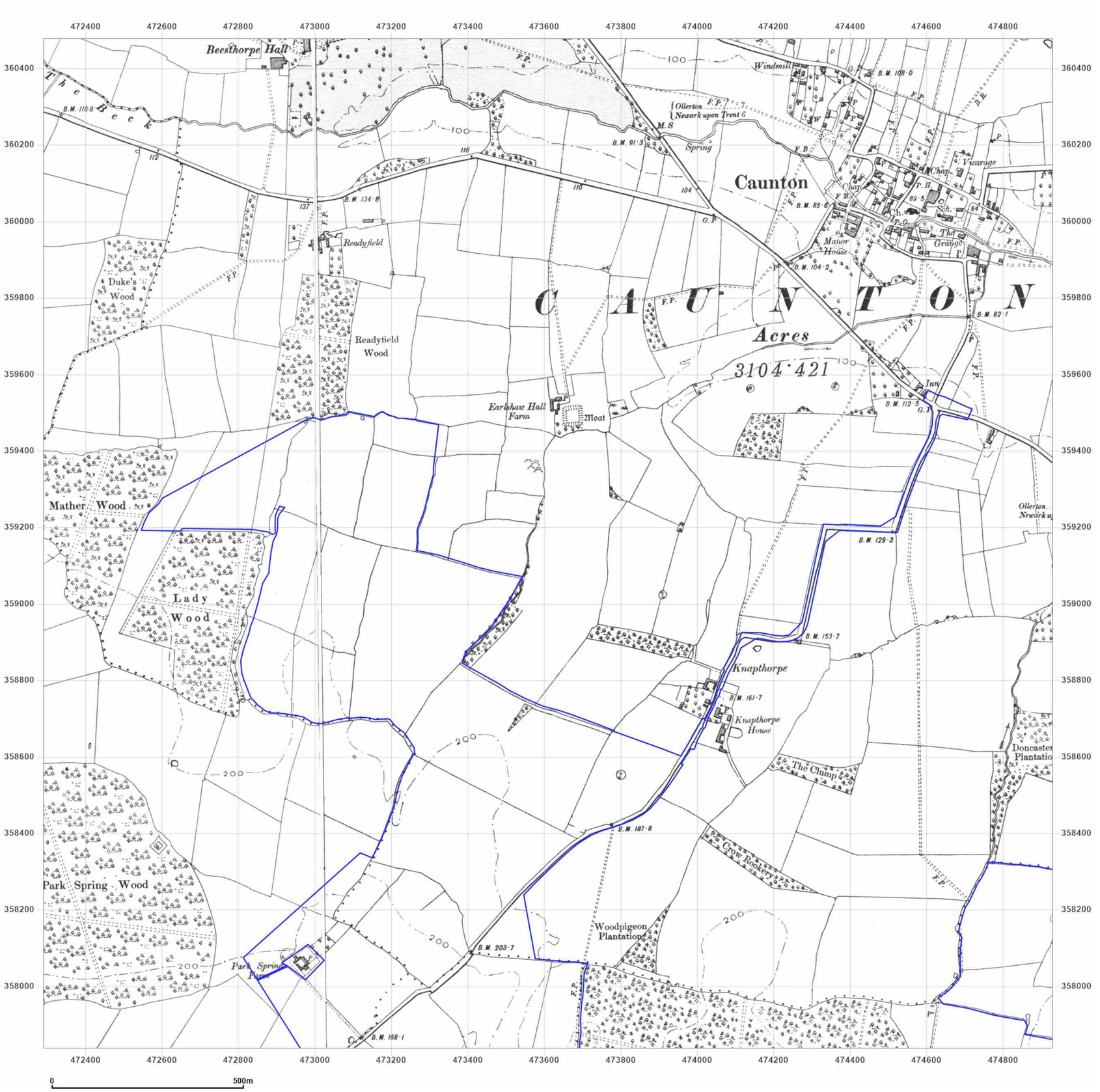
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_2
Grid Ref: 473609, 359157

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

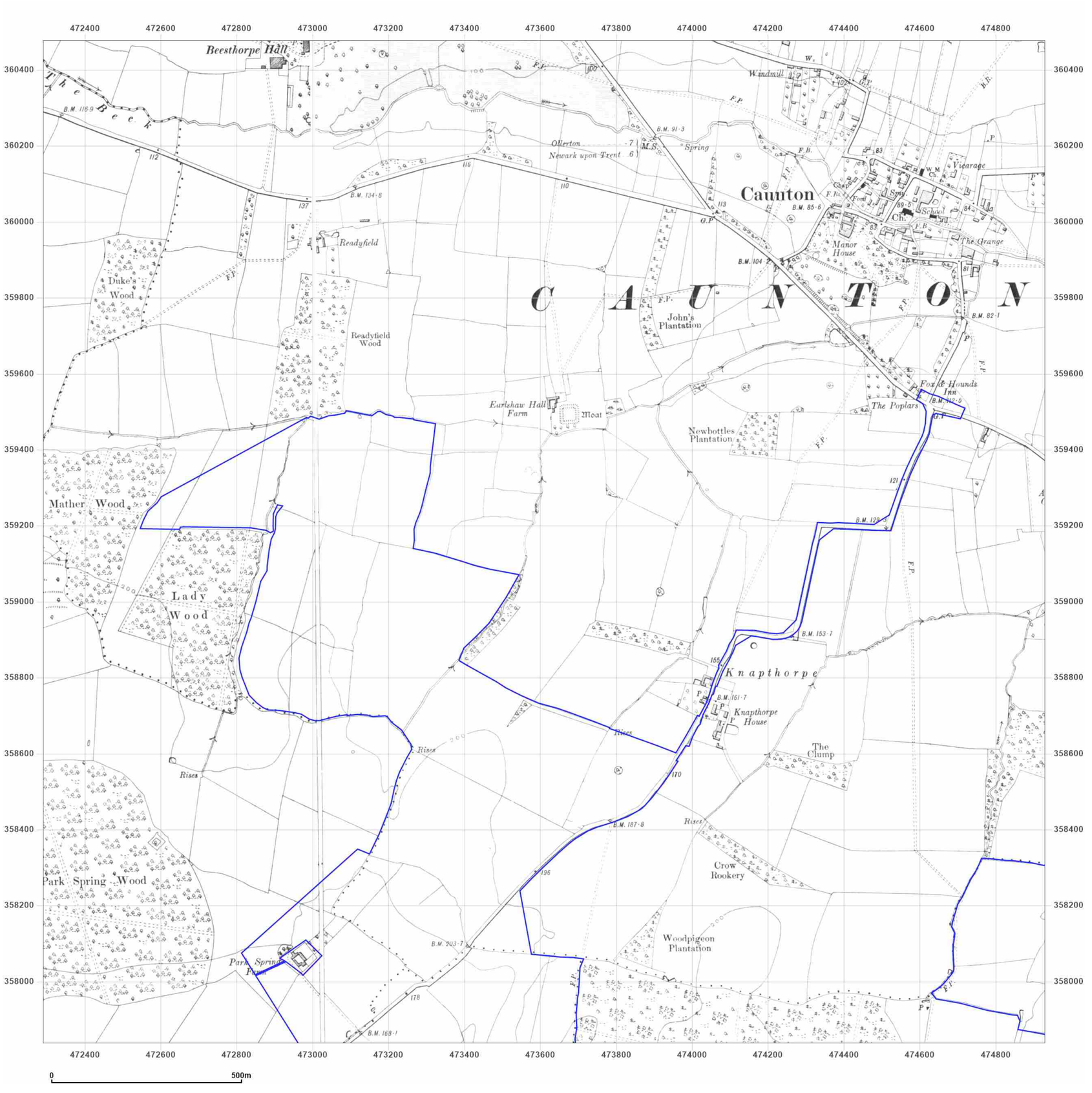
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_2
Grid Ref: 473609, 359157

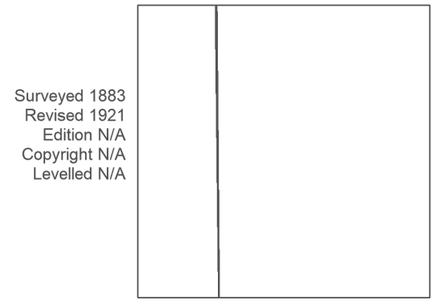
Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S



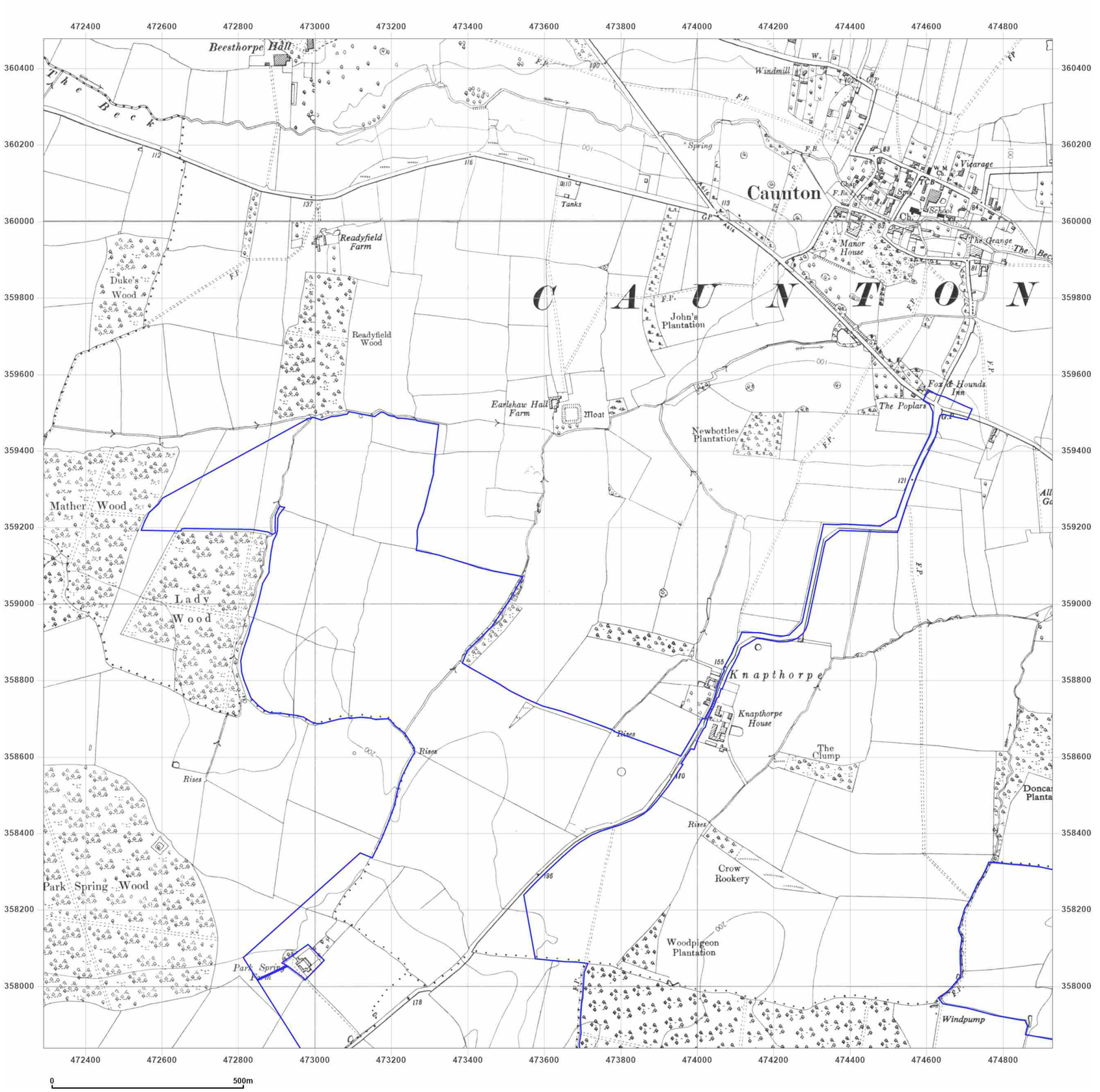
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_2
Grid Ref: 473609, 359157

Map Name: Provisional

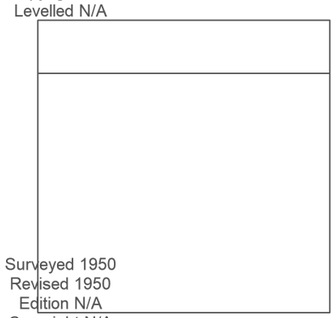
Map date: **1950**

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

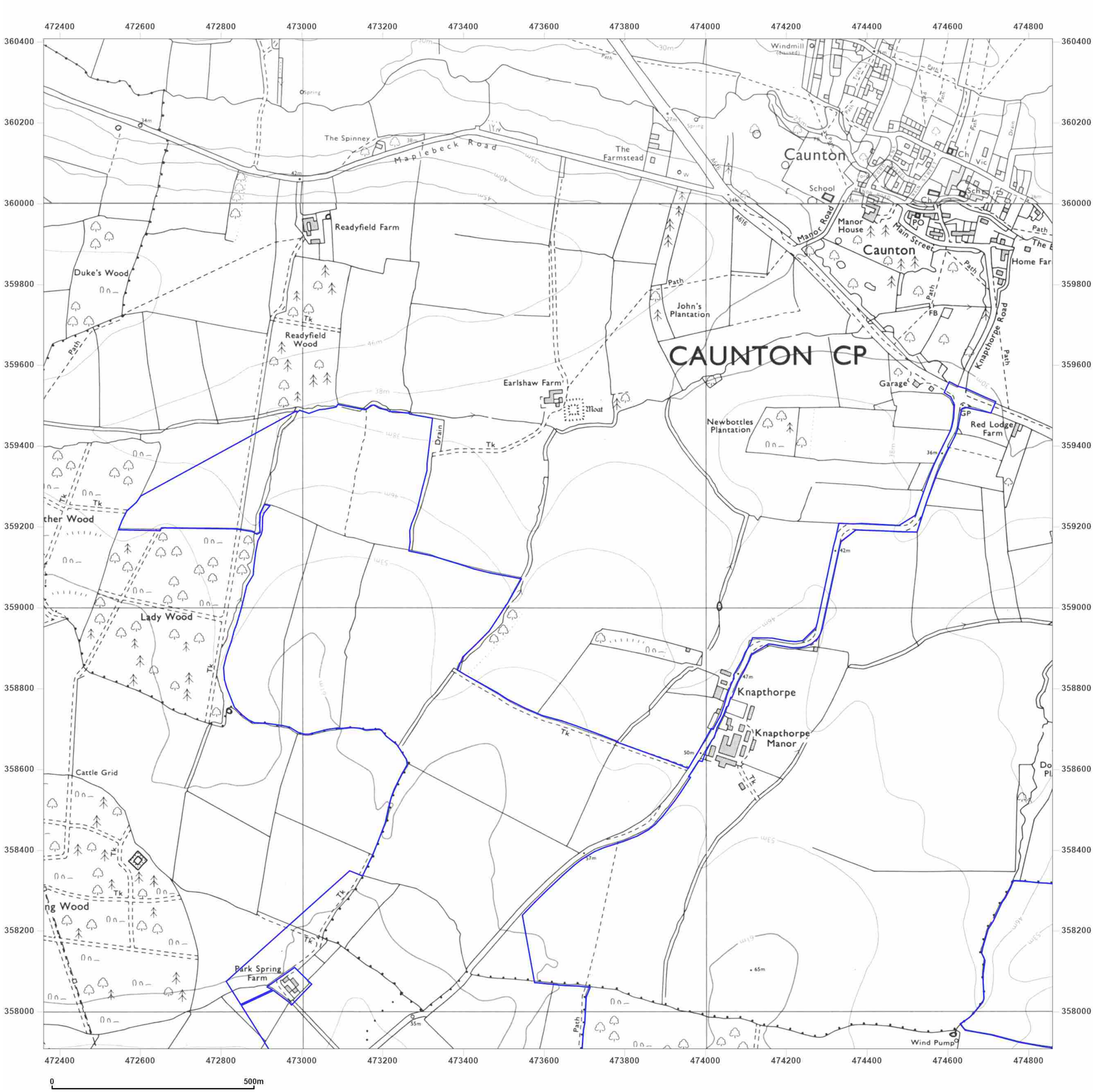
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_2
Grid Ref: 473609, 359157

Map Name: National Grid

Map date: **1971-1975**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1970
Revised 1975
Edition N/A
Copyright N/A
Levelled N/A

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

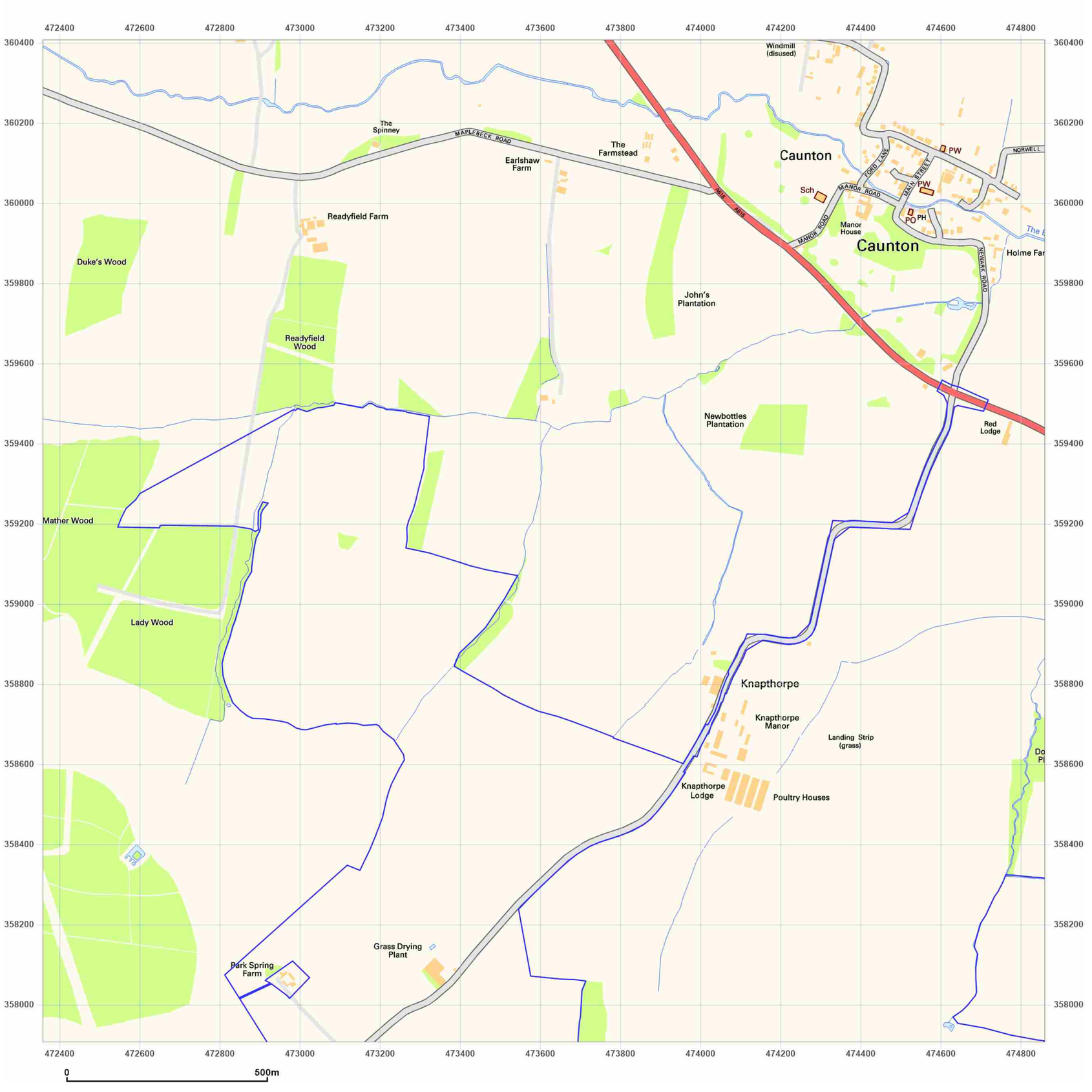
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_2_2
Grid Ref: 473609, 359157

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2001

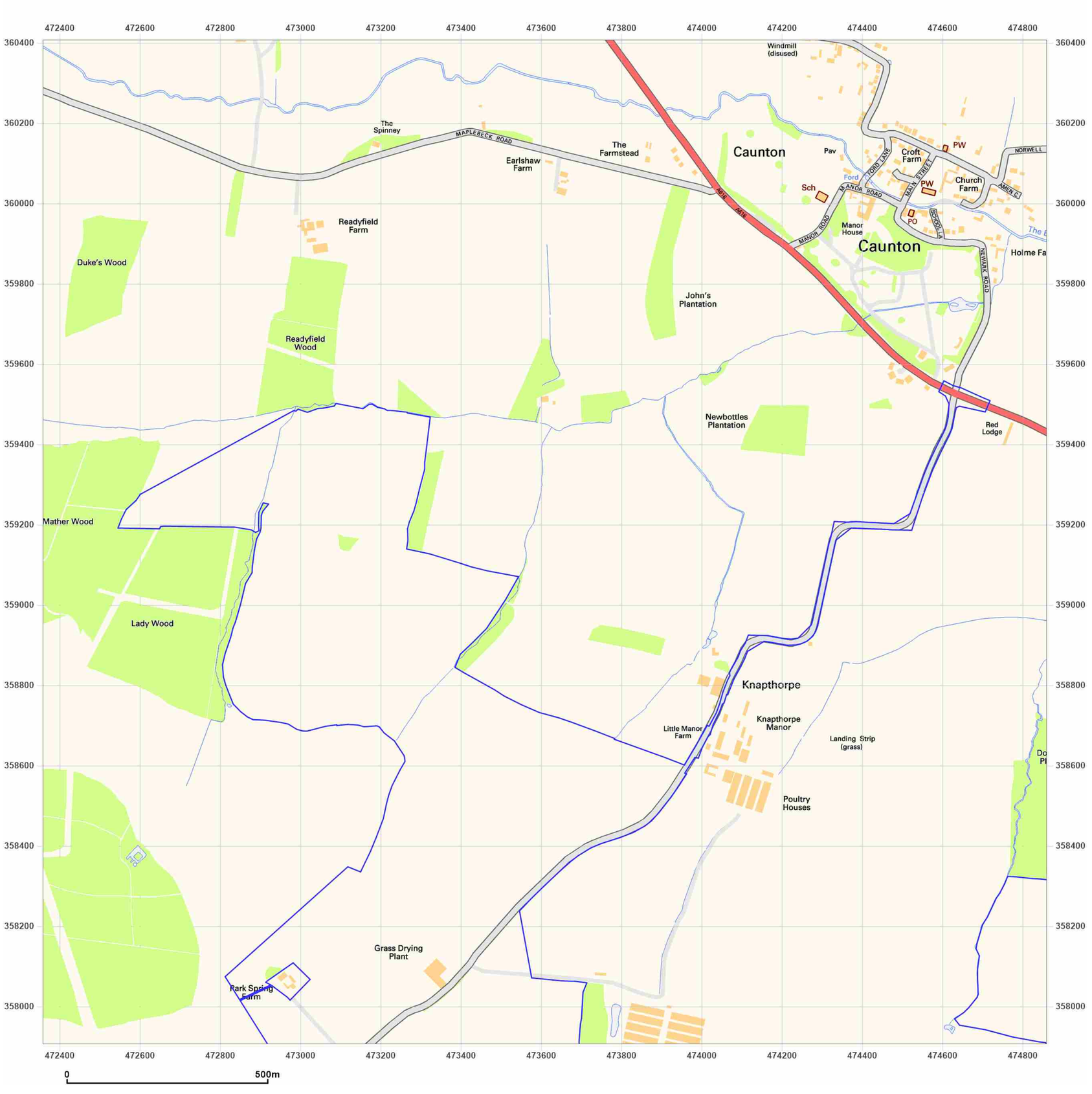
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W: [redacted]

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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_6_SS_2_2
Grid Ref: 473609, 359157

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
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S

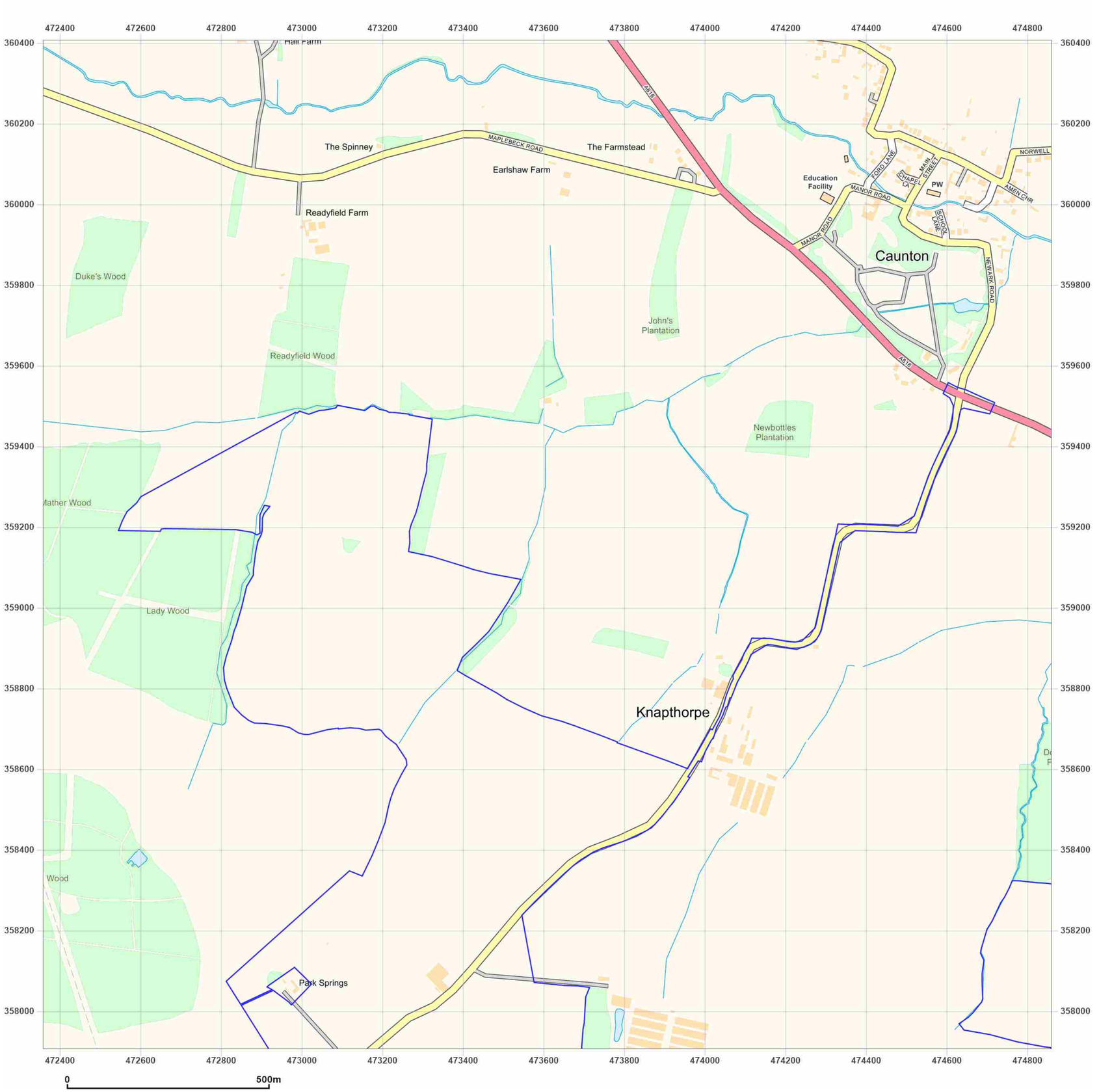
2010

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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_6_SS_2_2
Grid Ref: 473609, 359157

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
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2024

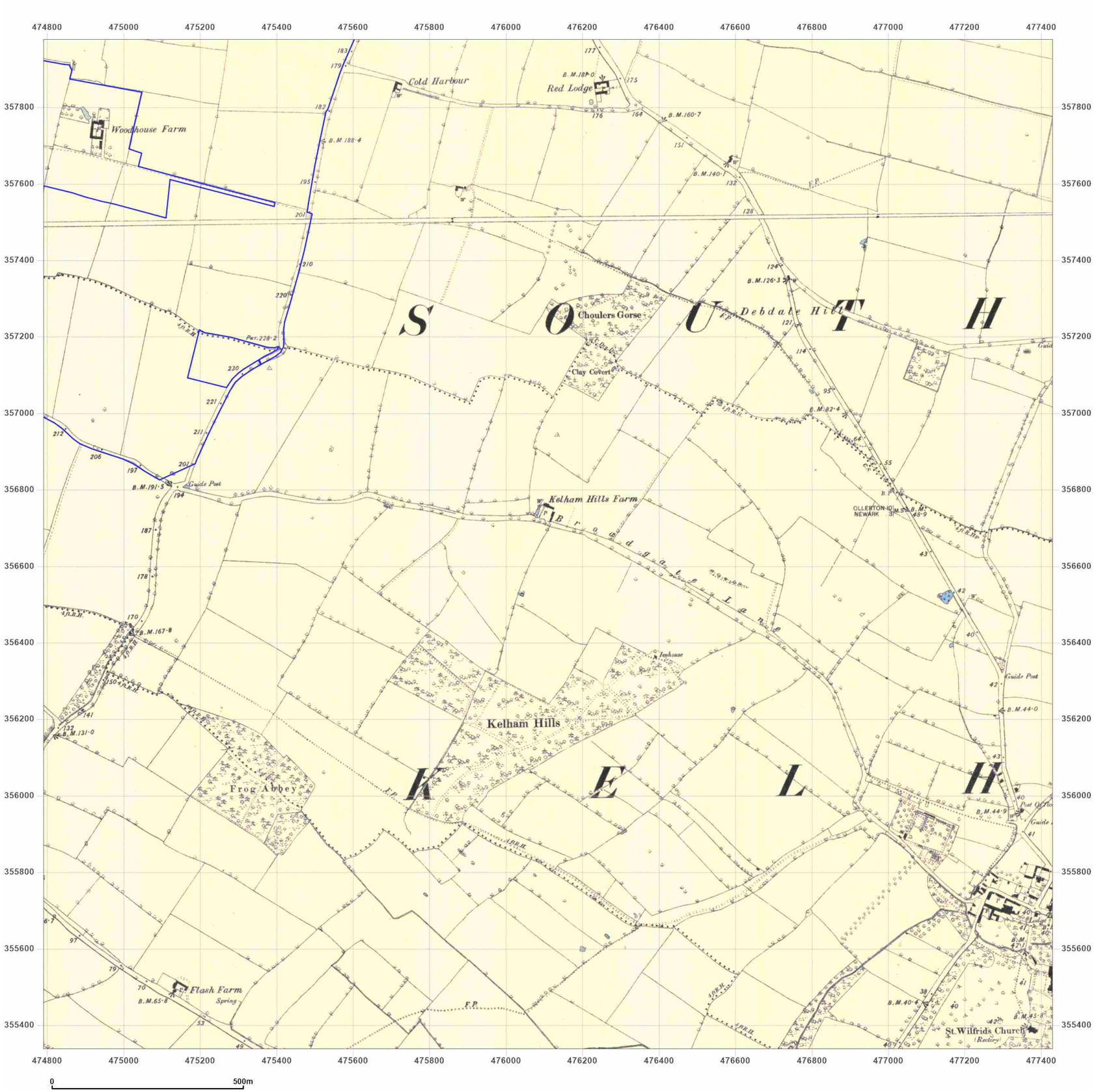
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

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

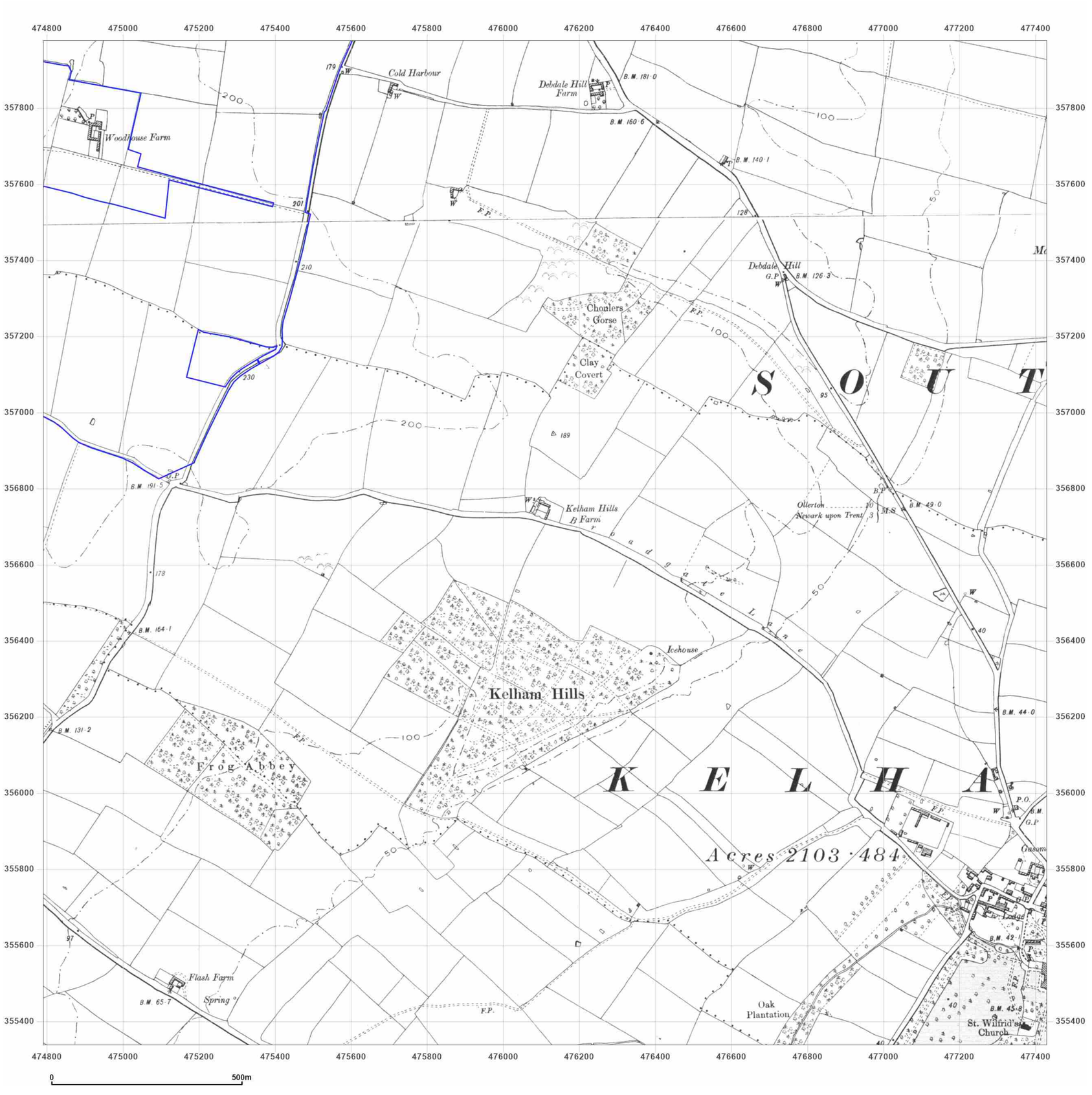
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

Map Name: County Series

Map date: **1899**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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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

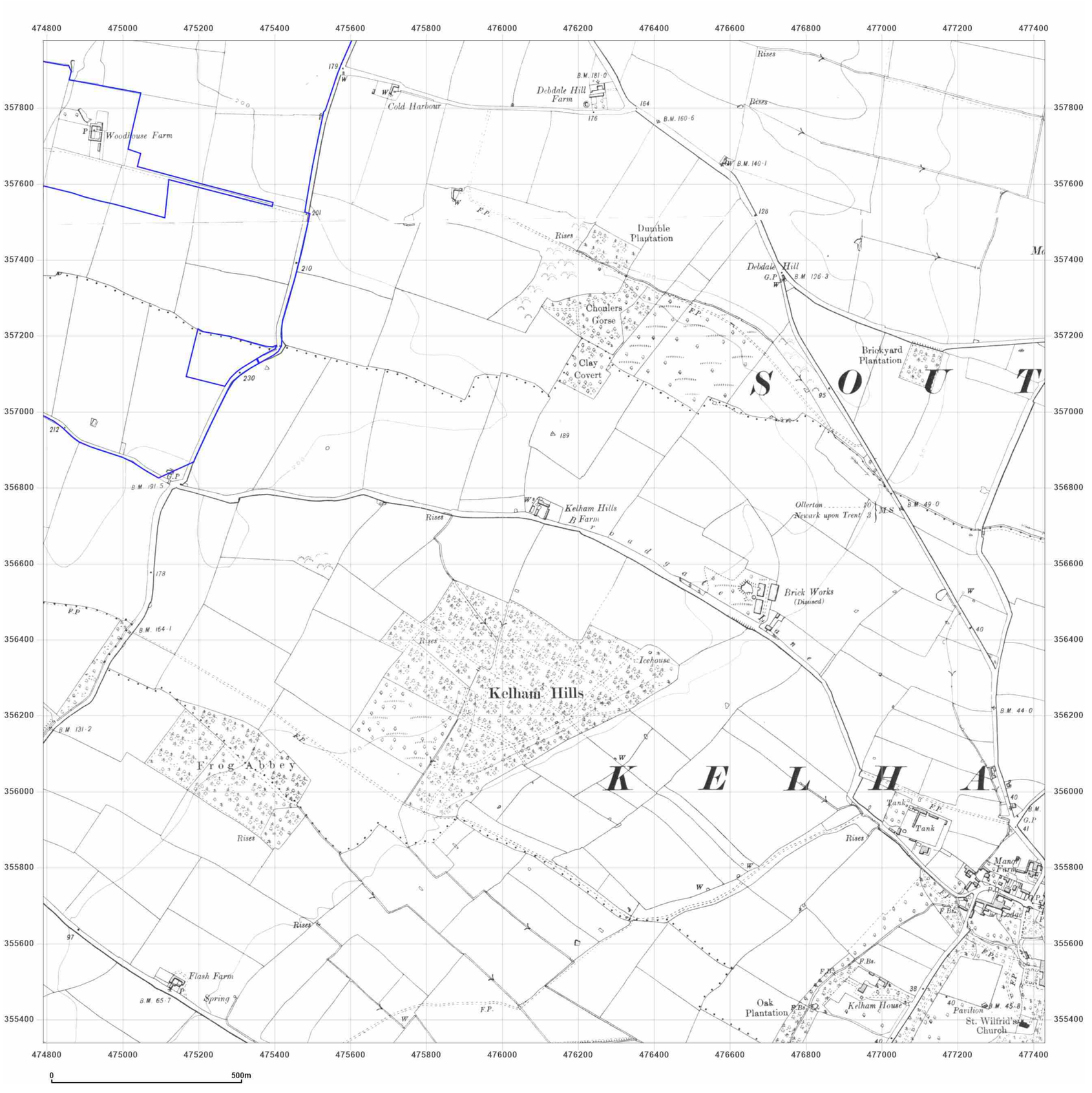
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

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 N/A
Copyright N/A
Levelled N/A

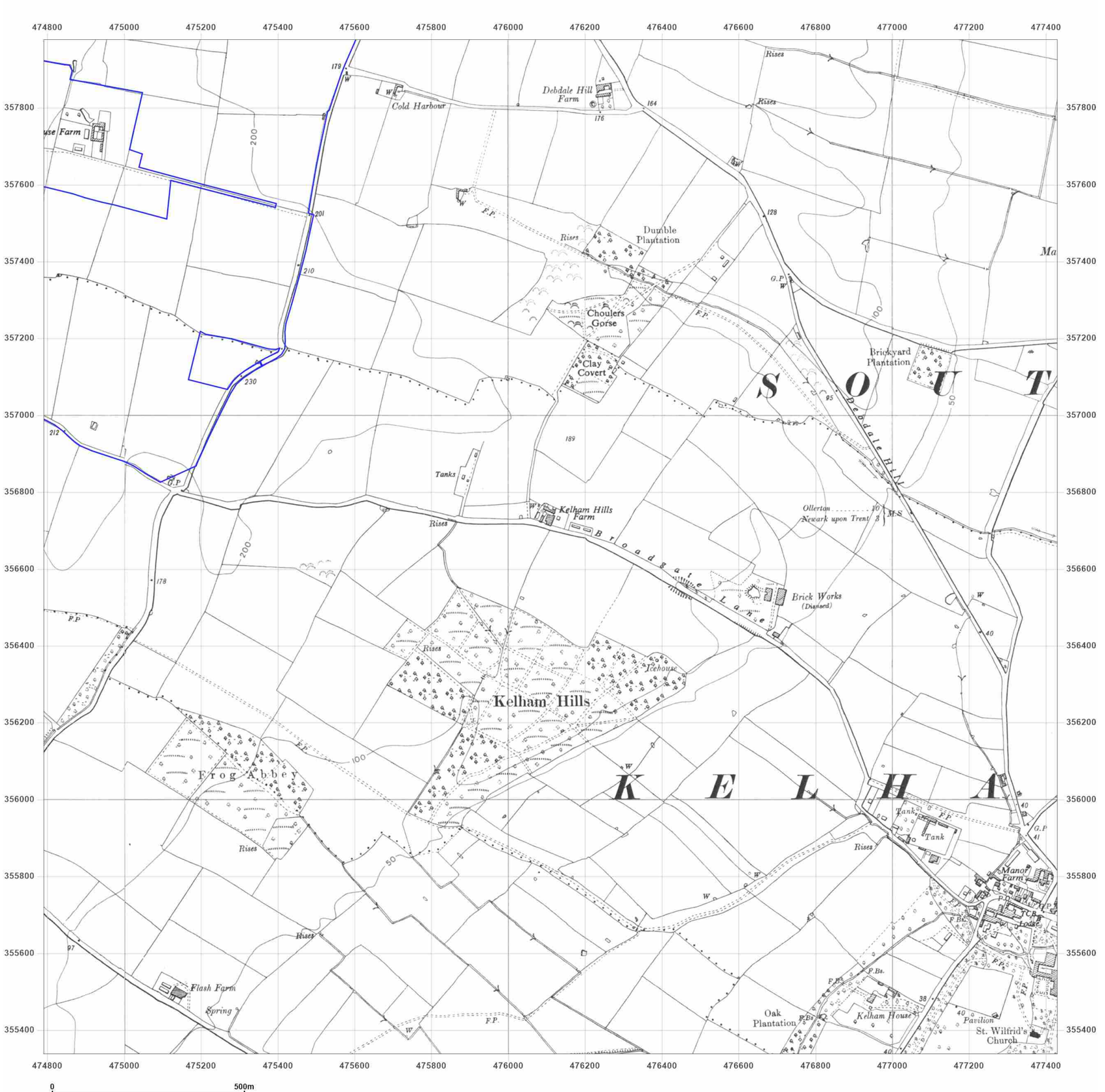
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

Map Name: Provisional
Map date: **1950-1955**
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

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

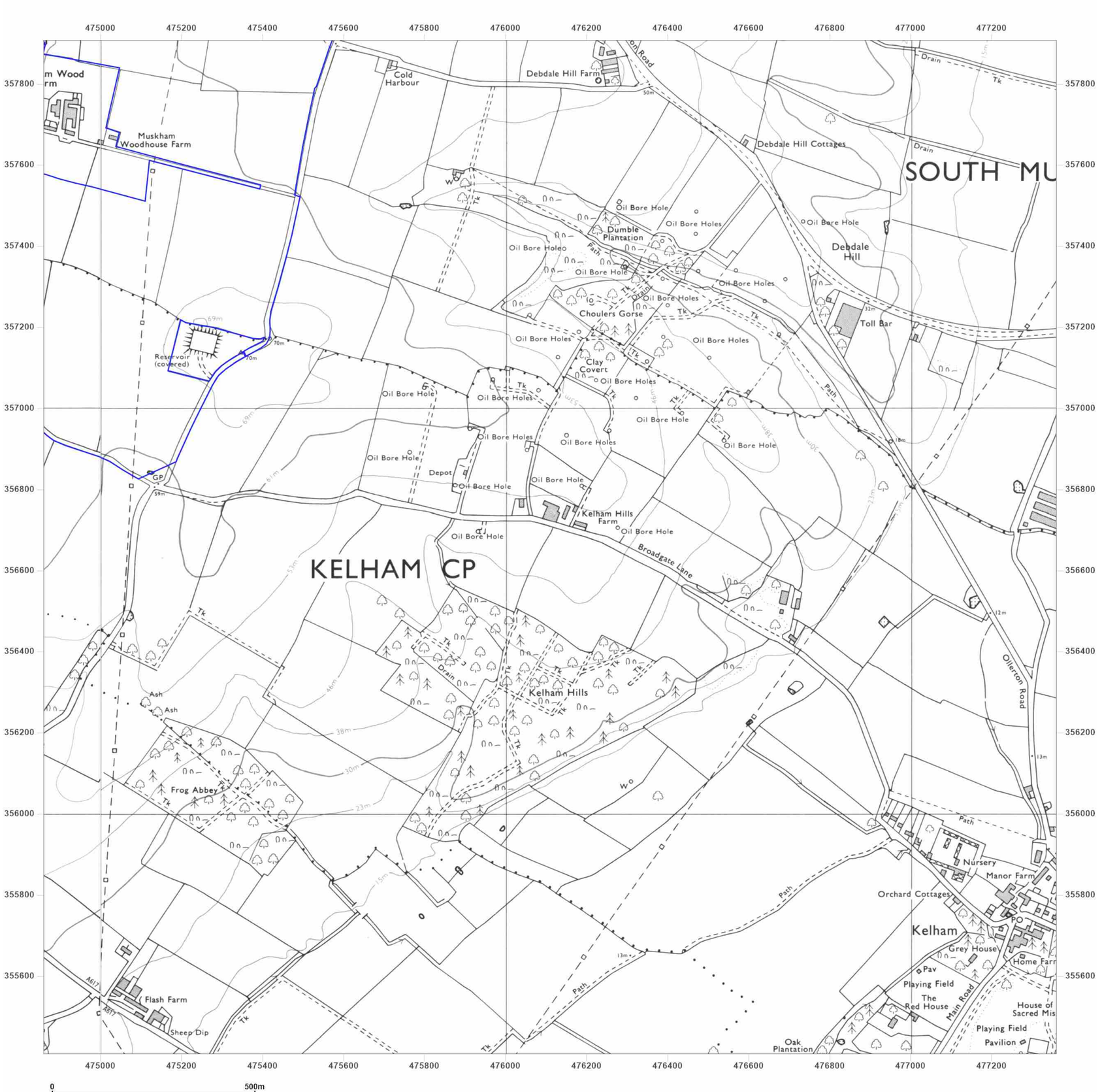
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

Map Name: National Grid

Map date: **1971**

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

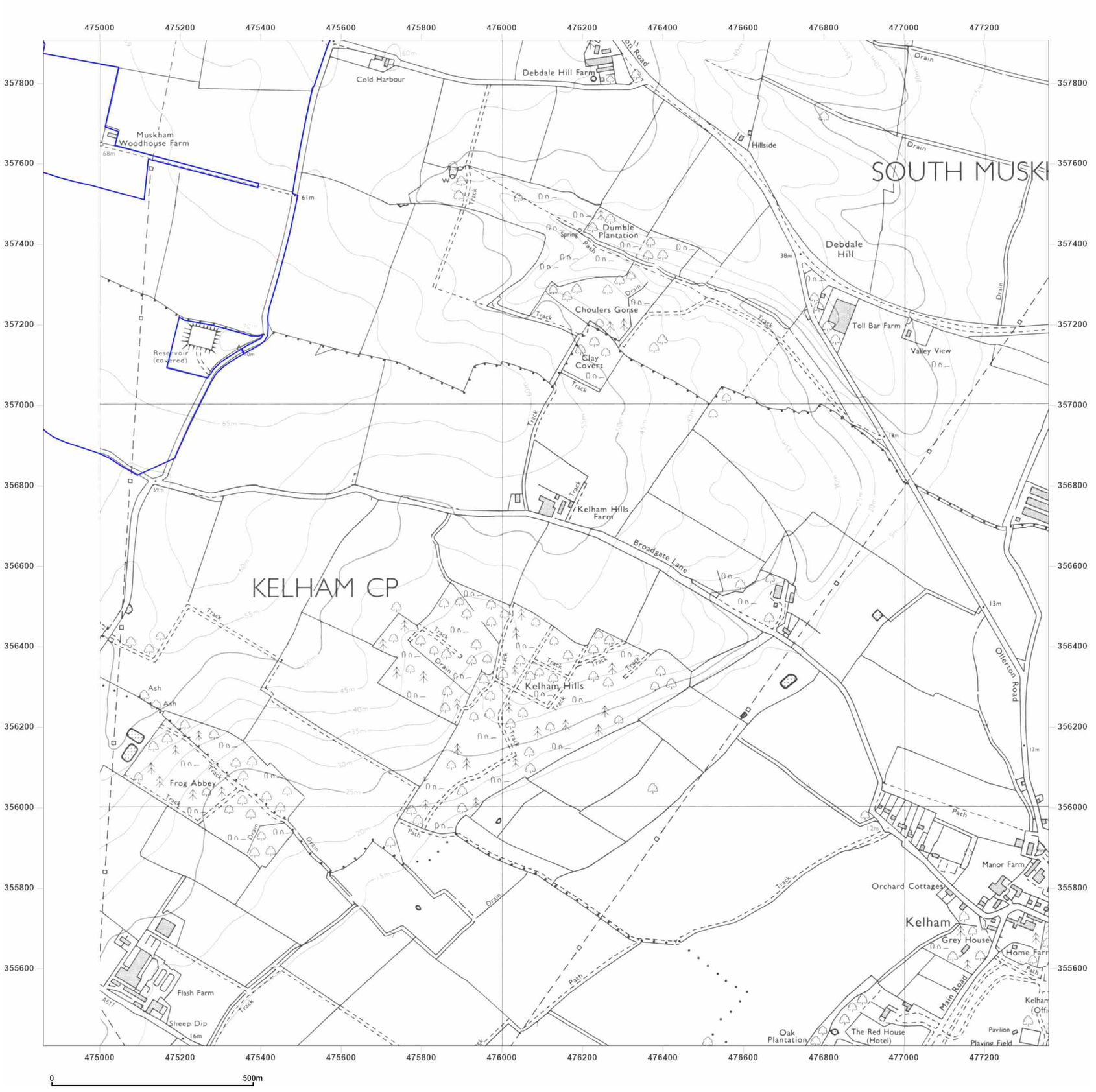
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

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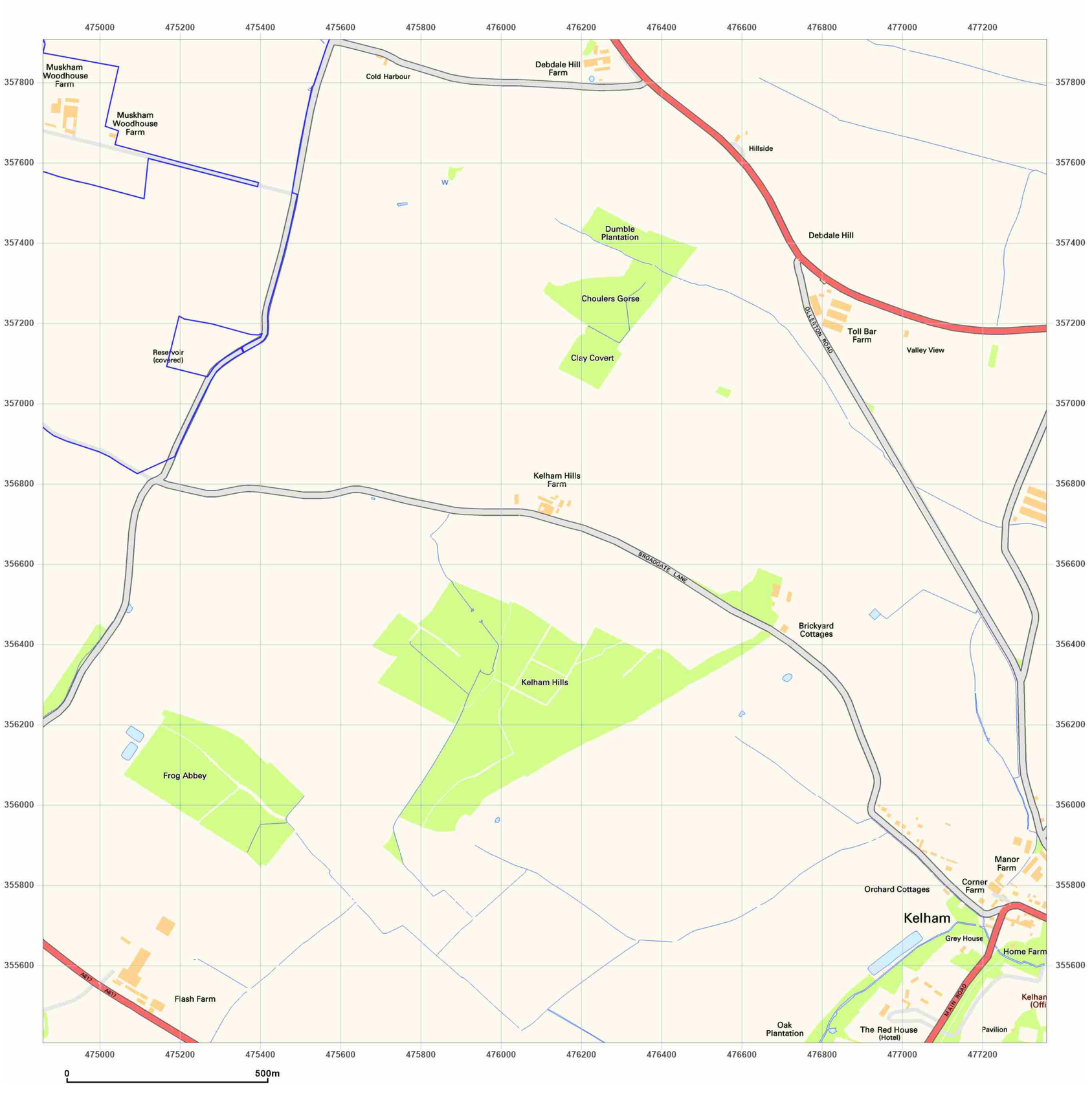
Surveyed 1990
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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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_6_SS_3_1
Grid Ref: 476109, 356657

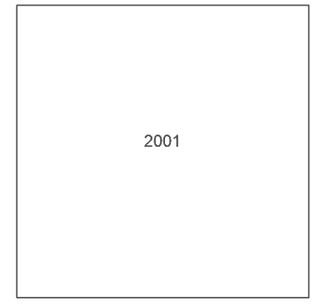
Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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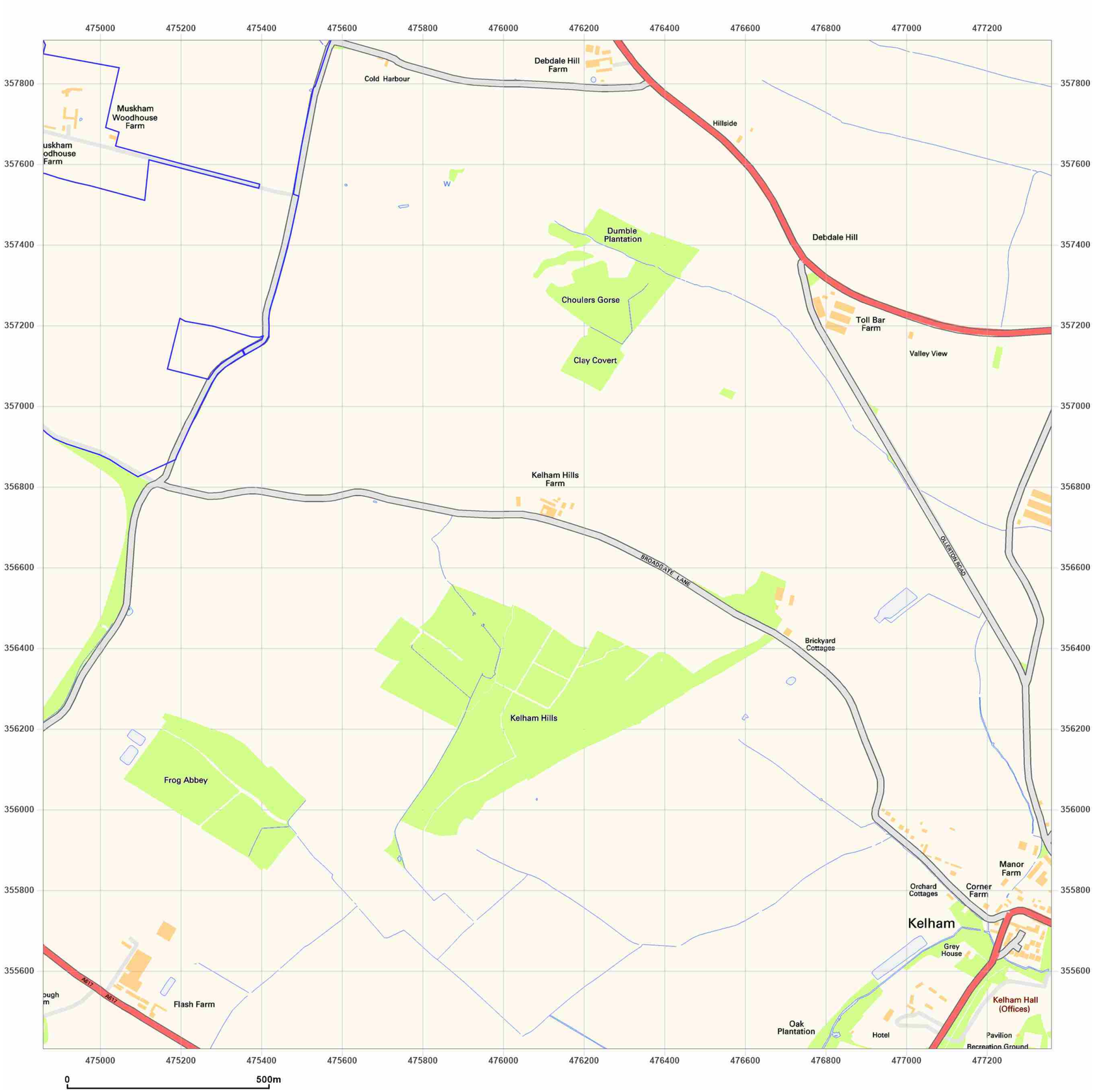
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Production date: 24 October 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

GNRSP

Client Ref: GNRSP
Report Ref: GSIP-2024-16448-21123_6_SS_3_1
Grid Ref: 476109, 356657

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

N
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S

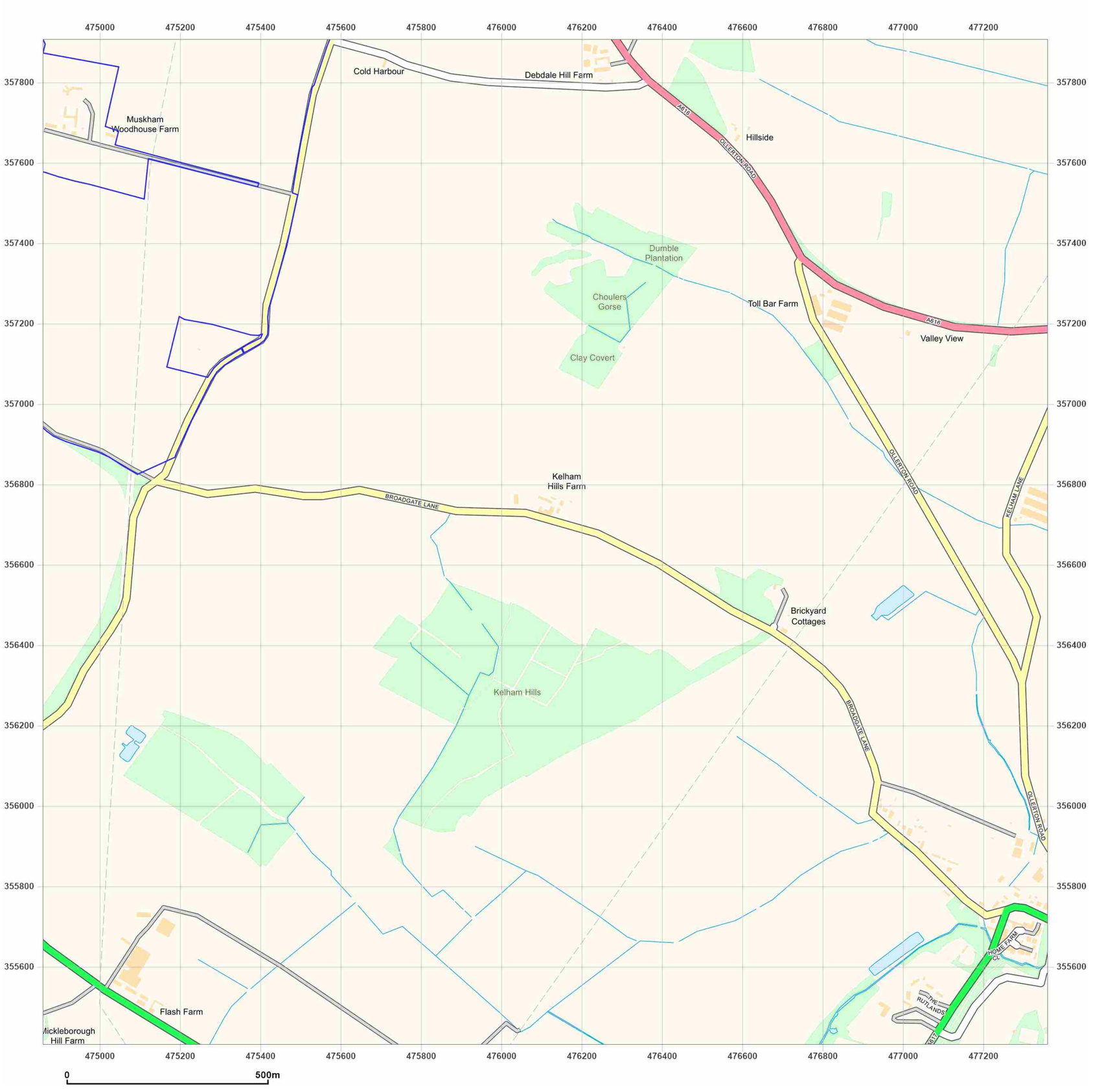
2010

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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_6_SS_3_1
Grid Ref: 476109, 356657

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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W: [redacted]

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Production date: 24 October 2024

Map legend available at: [redacted]