

## **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 6 of 11

Document reference - EN010162/APP/6.4.10.11.6

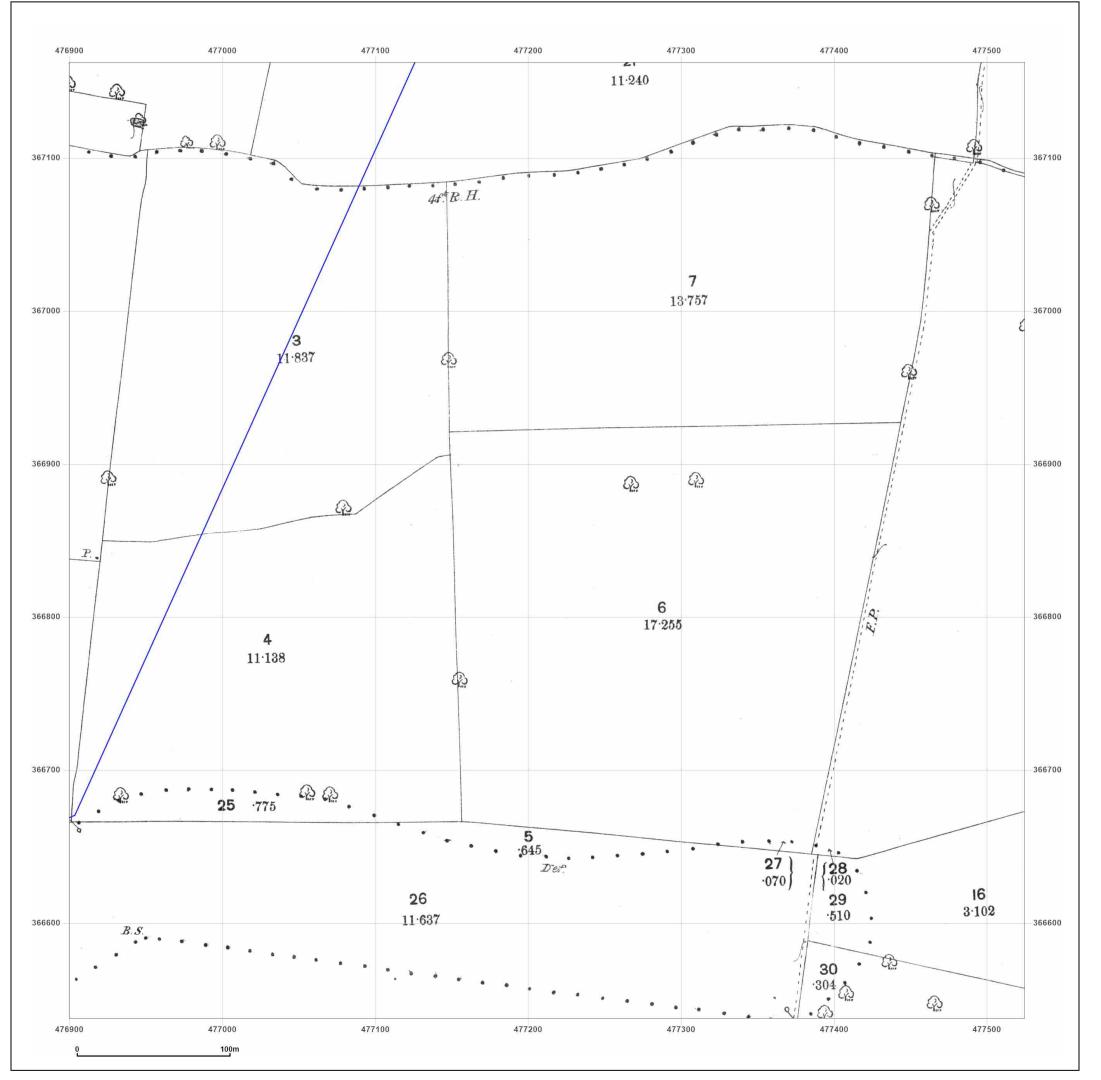
**Revision number 1** 

June 2025

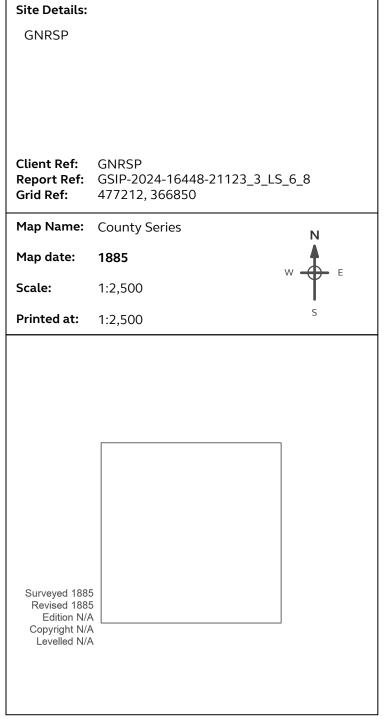
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, APFP Regulation 5(2)(a)



ANNEX D - GROUNDSURE ENVIRO AND GEO INSIGHT REPORT GSIP-2024-16448-21124\_C\_1 AND MAP INSIGHT REPORT GSIP-2024-16448-21123\_3



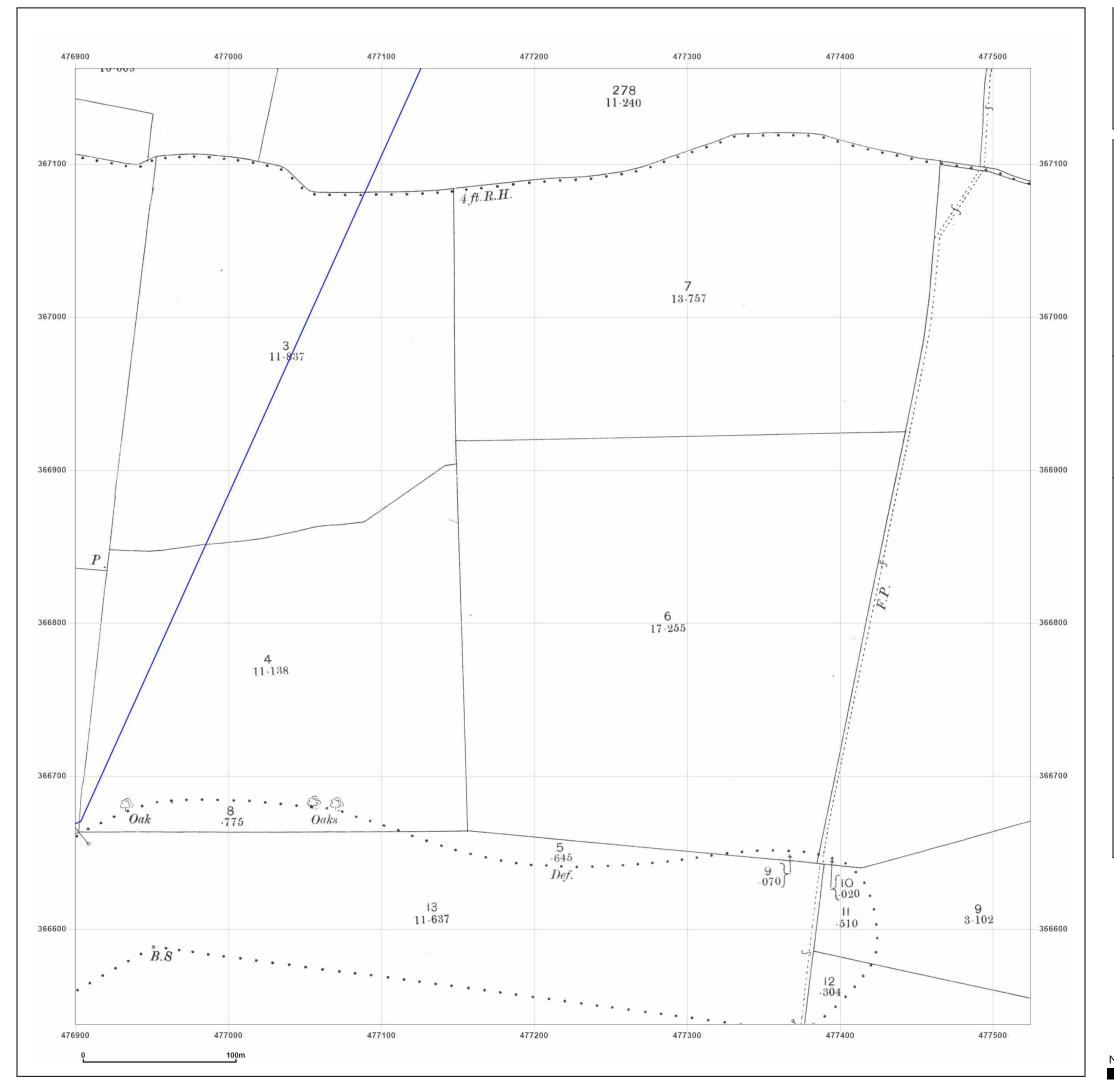






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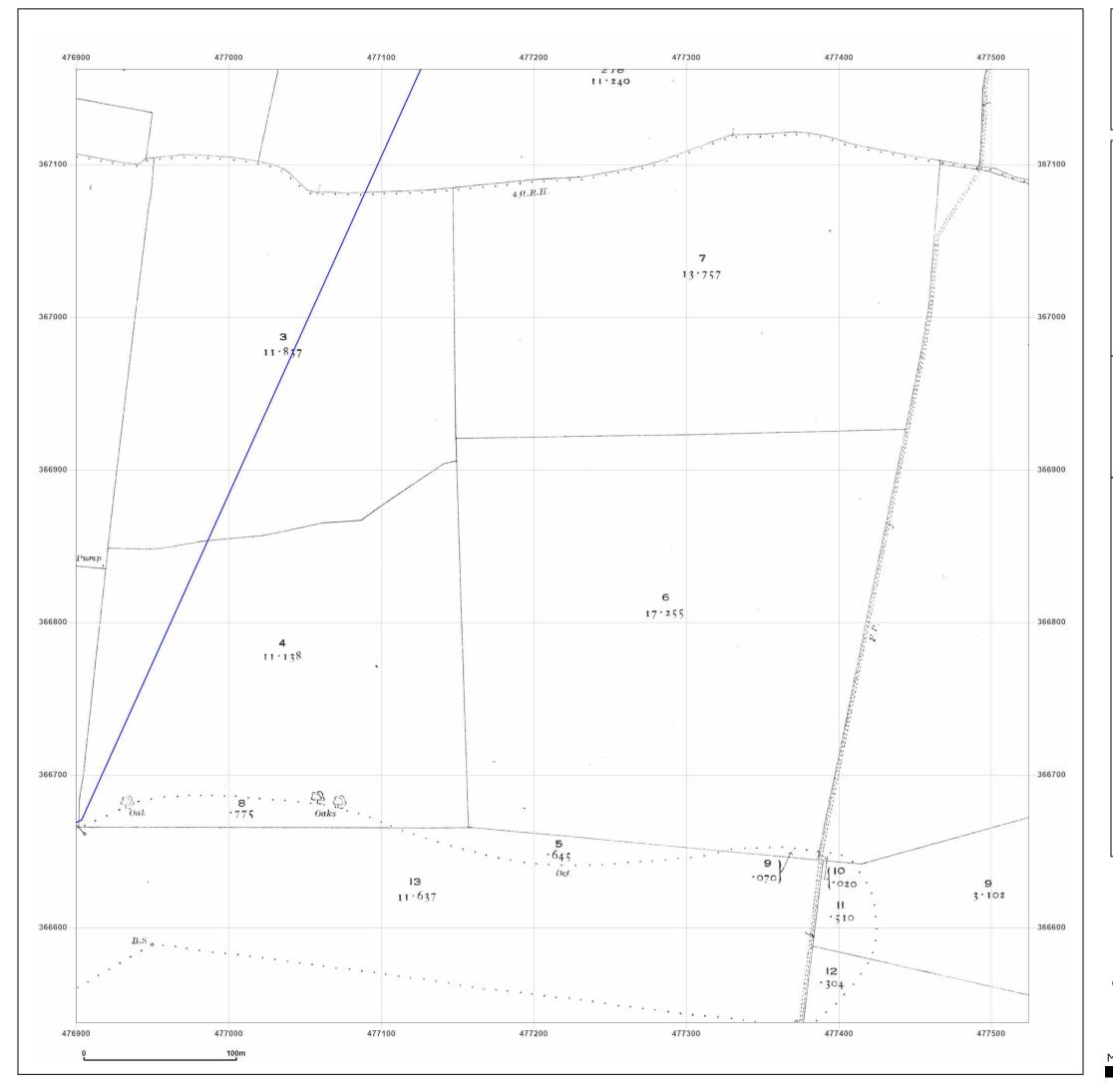


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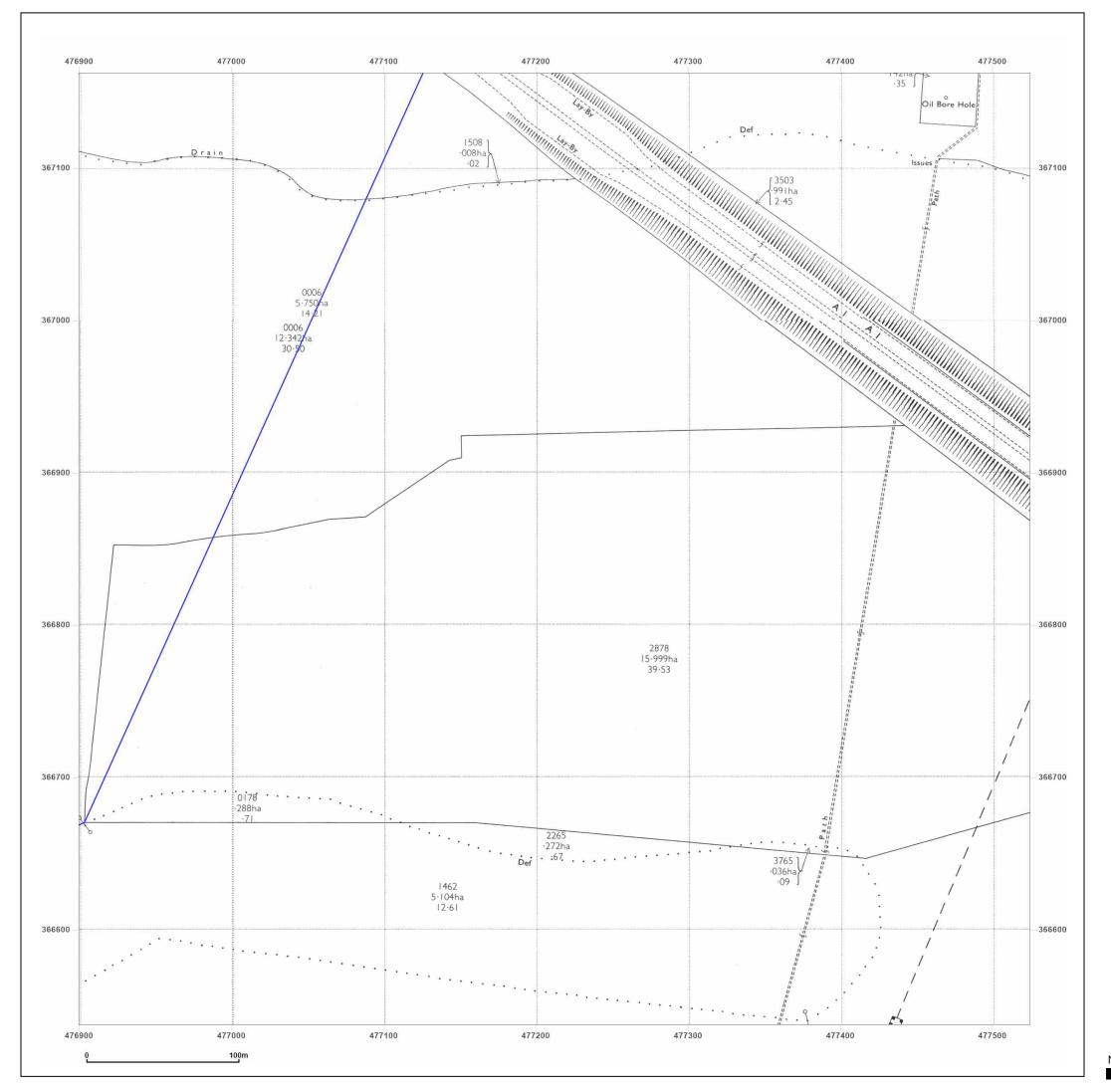


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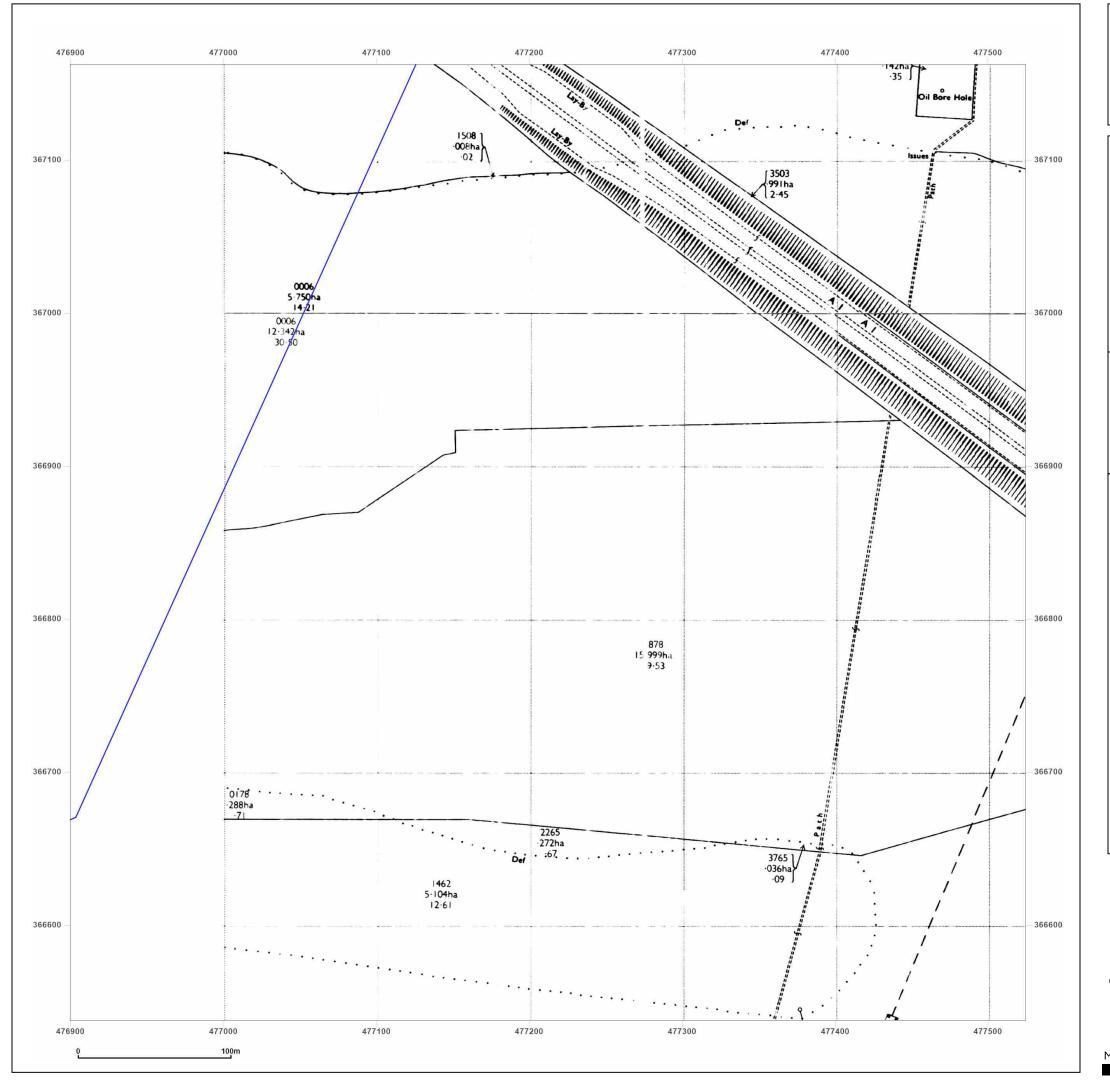


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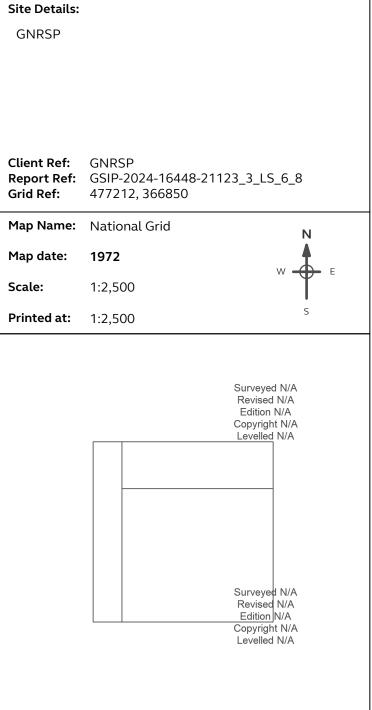


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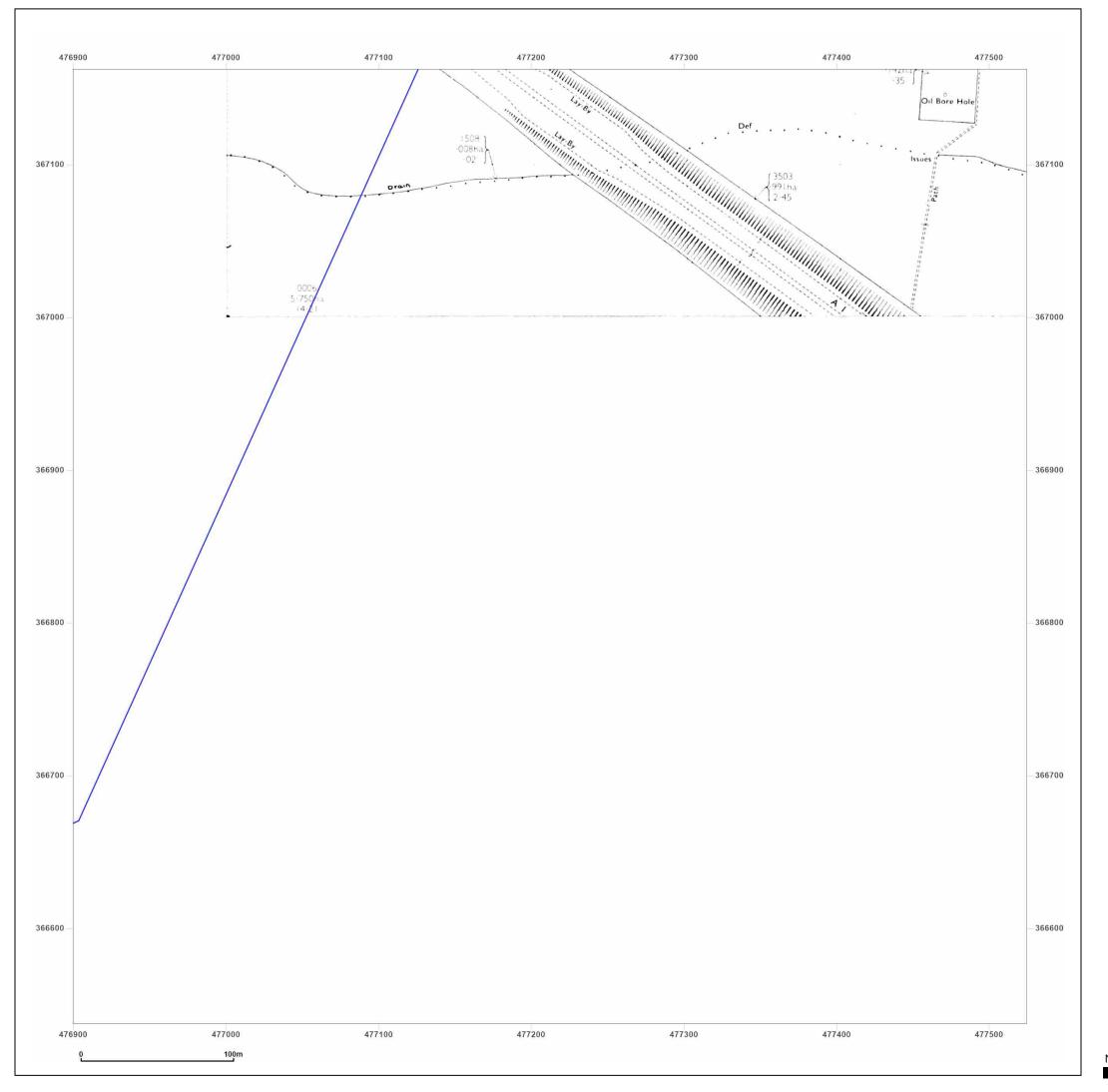






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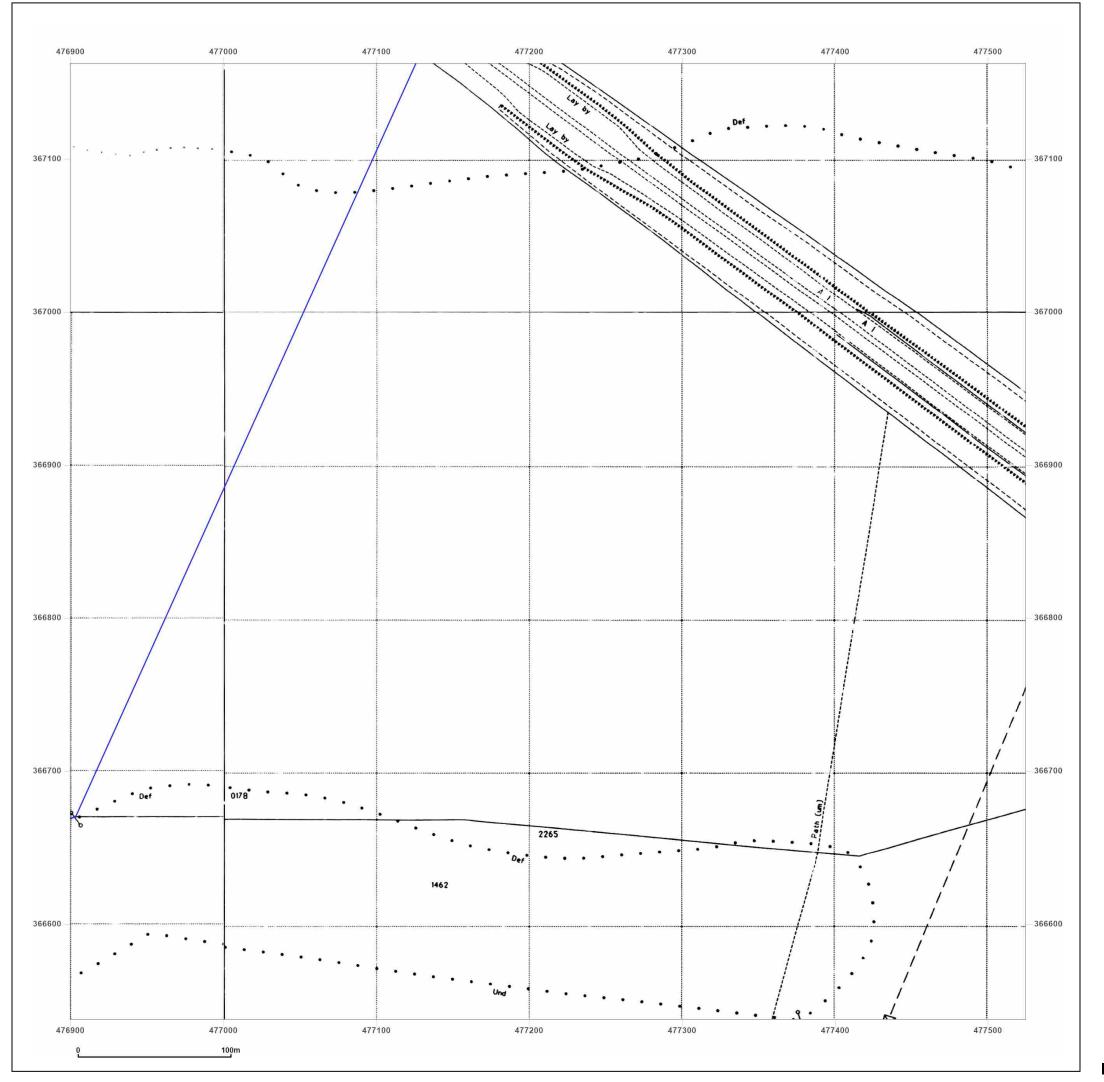
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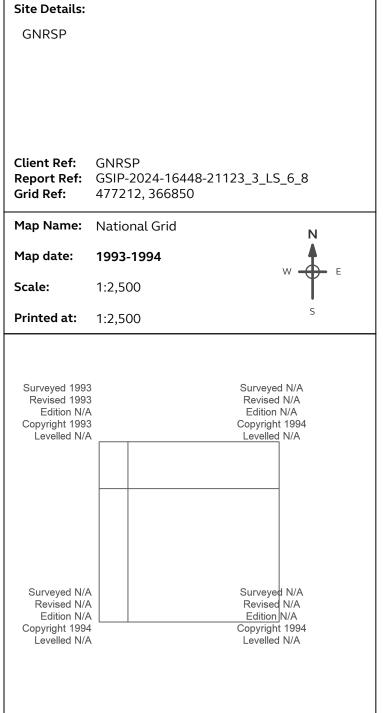
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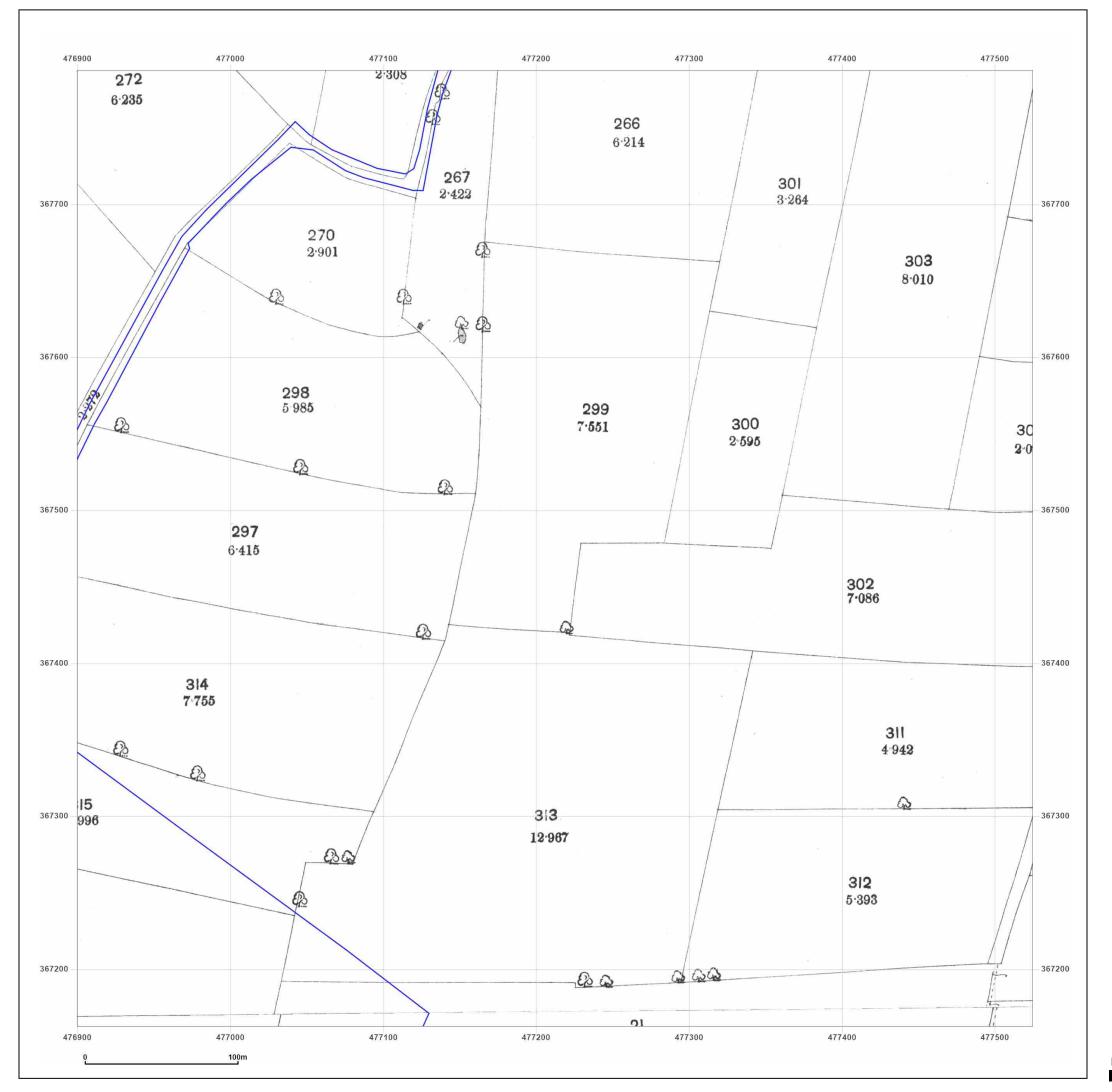




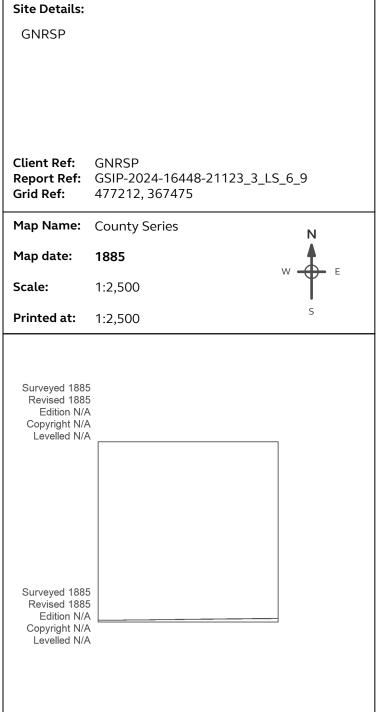


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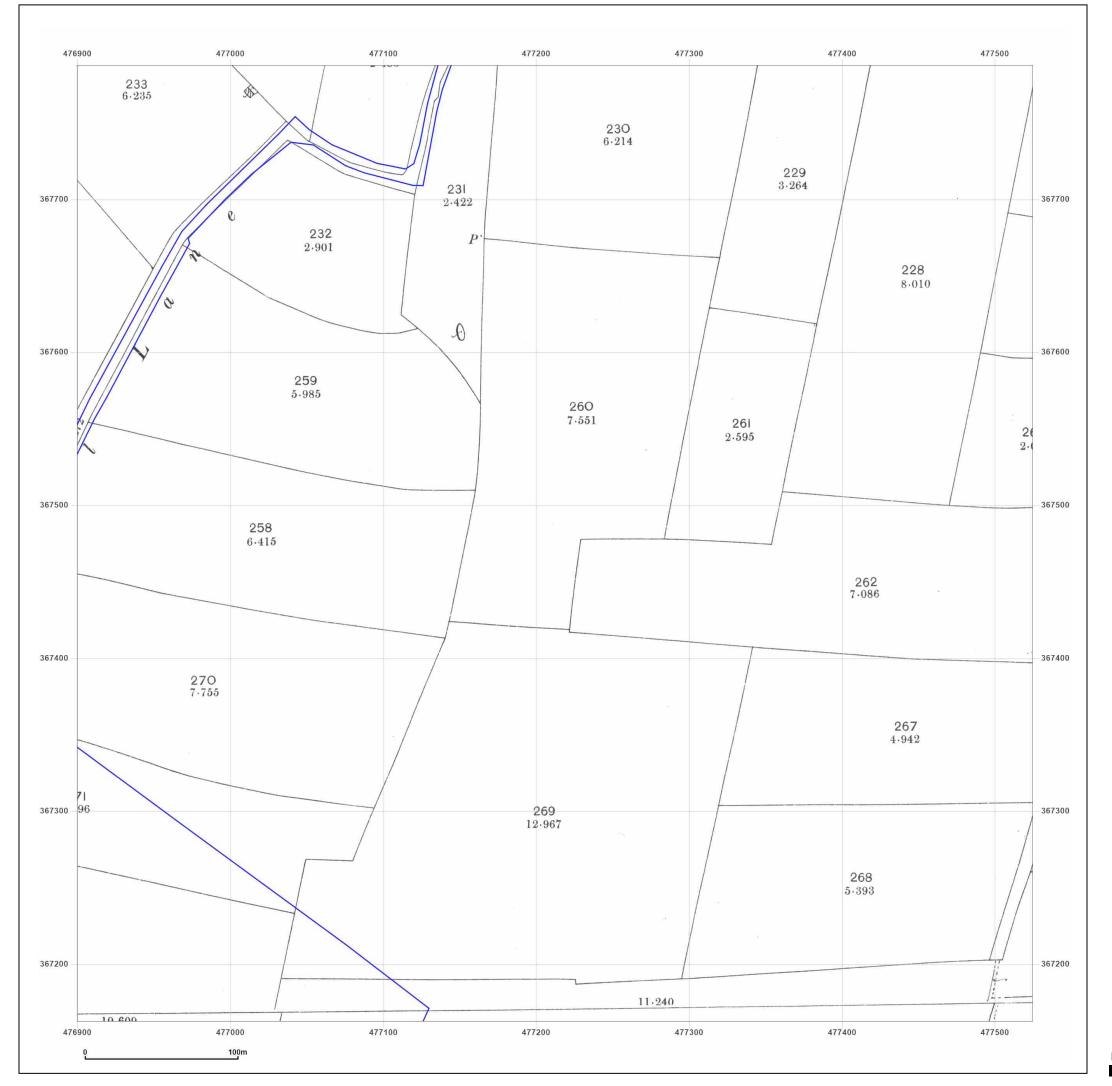




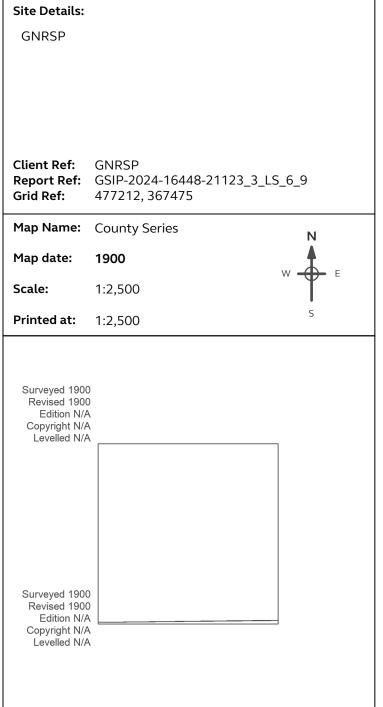


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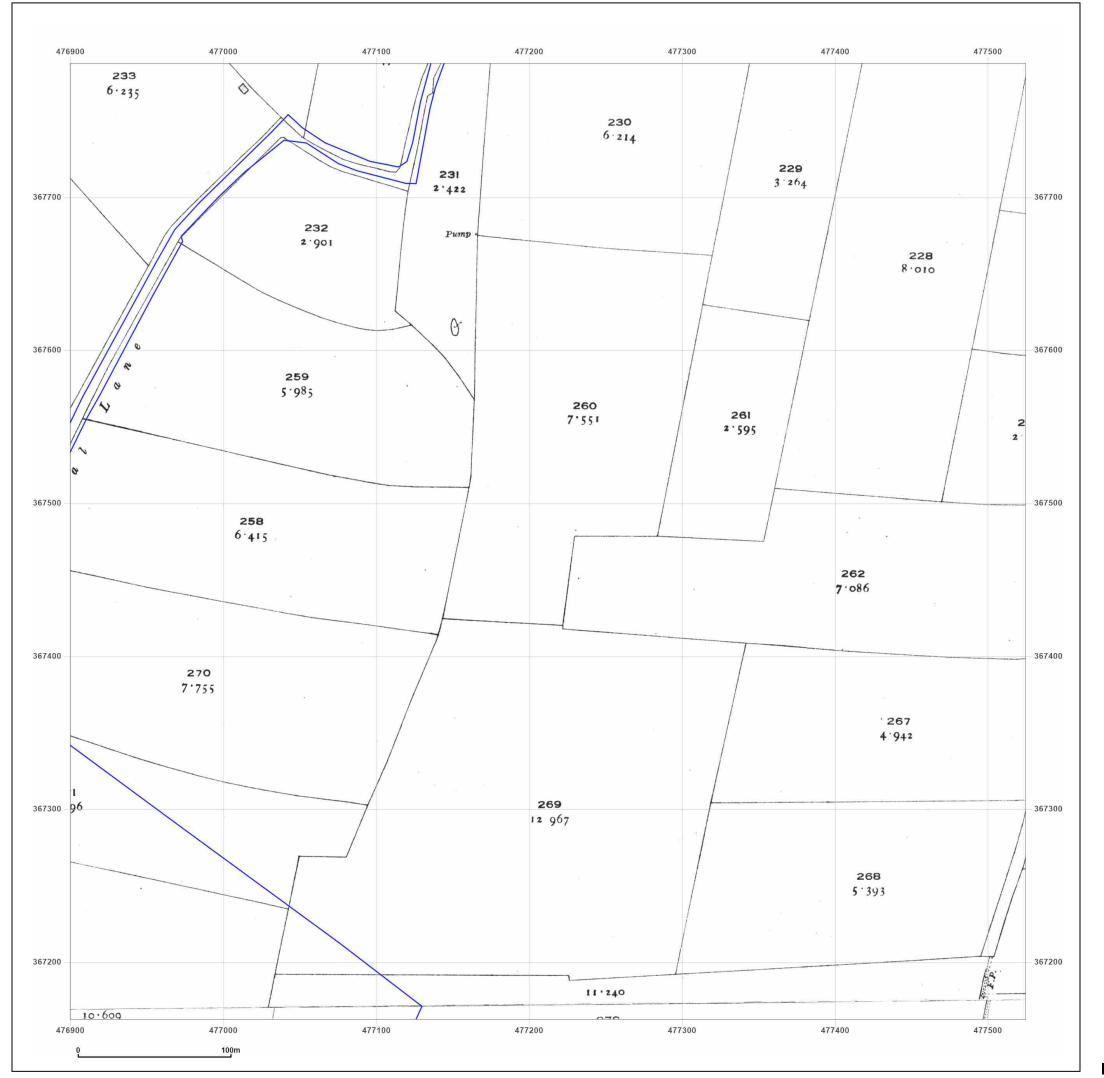




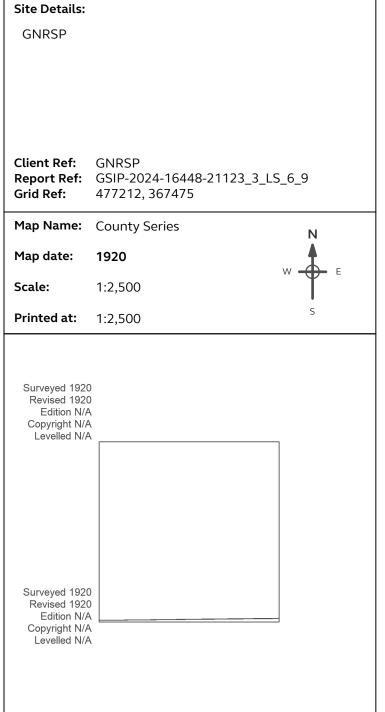


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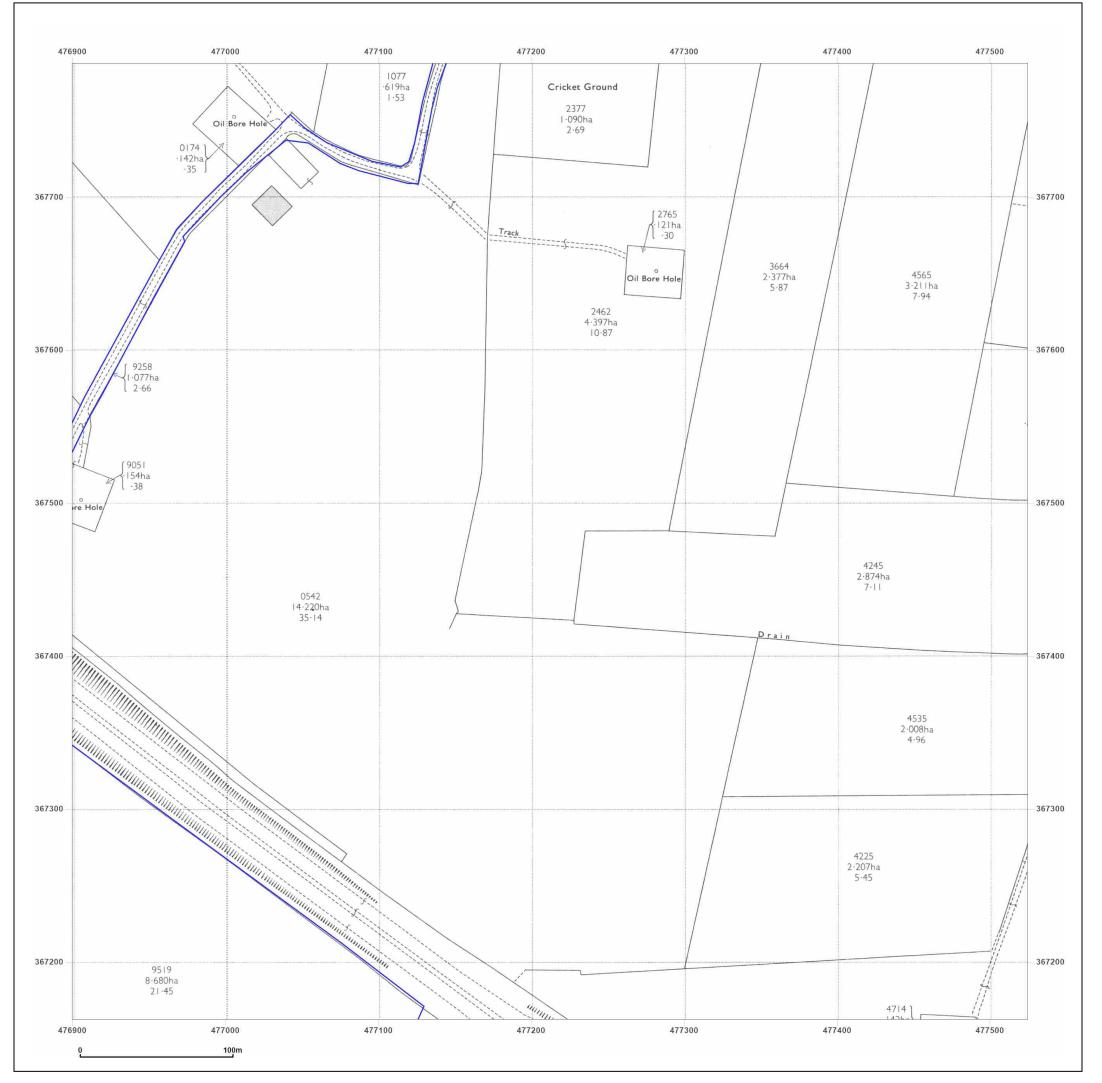




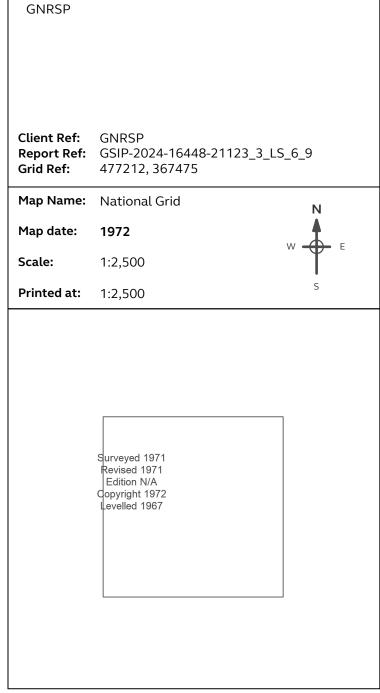


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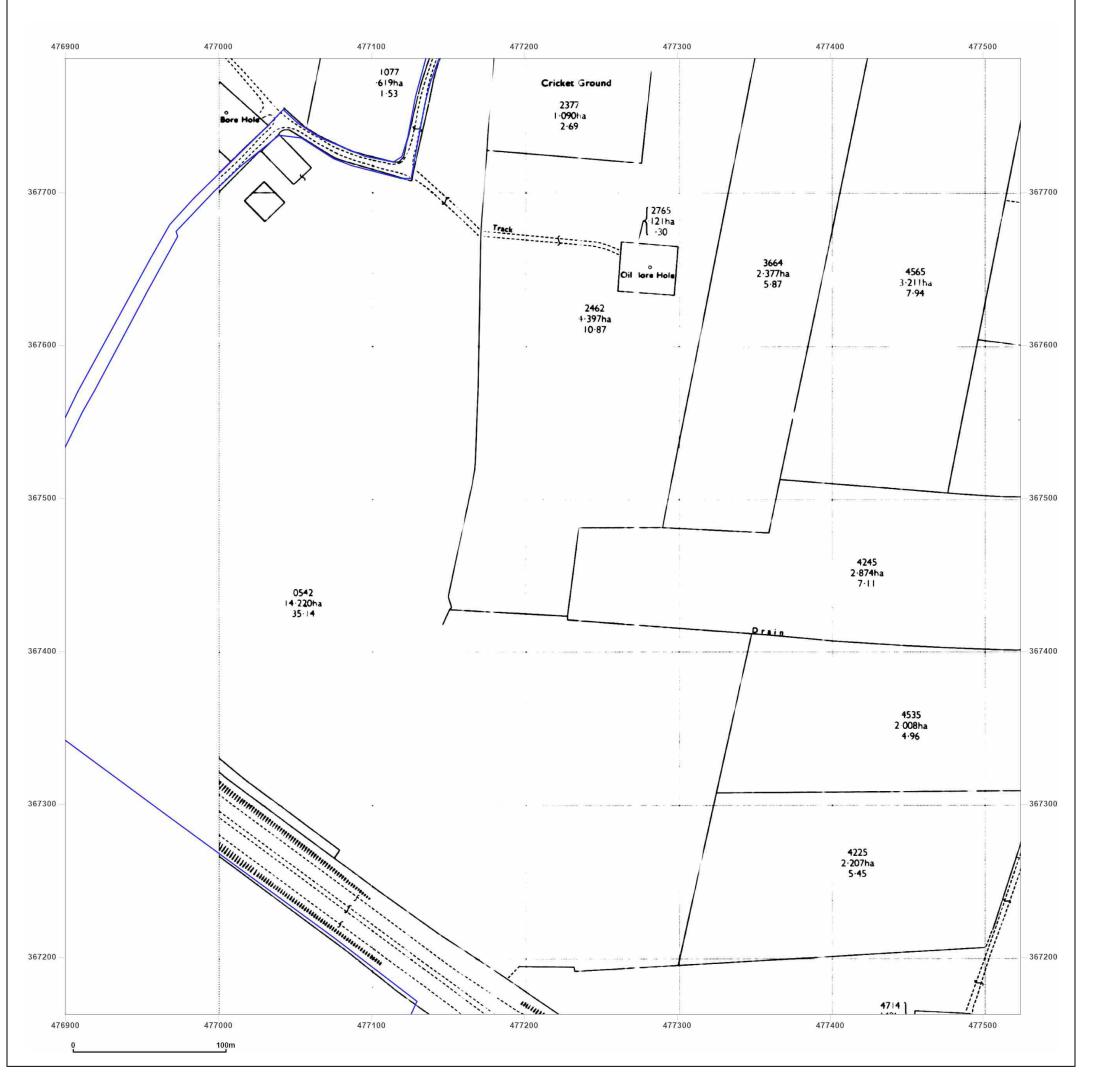




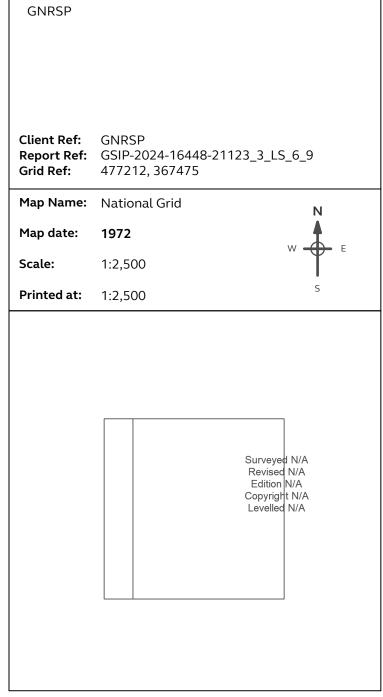
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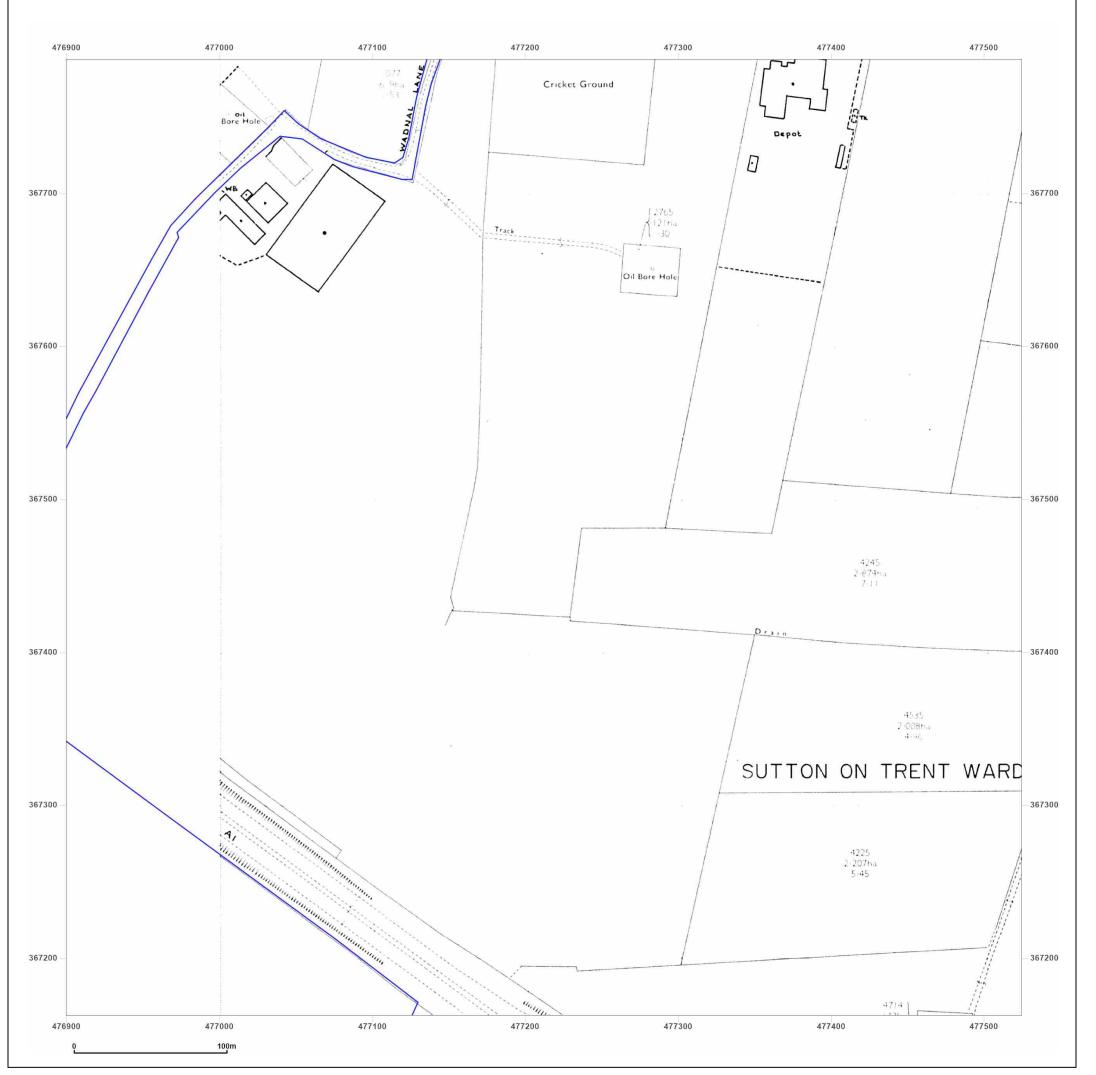




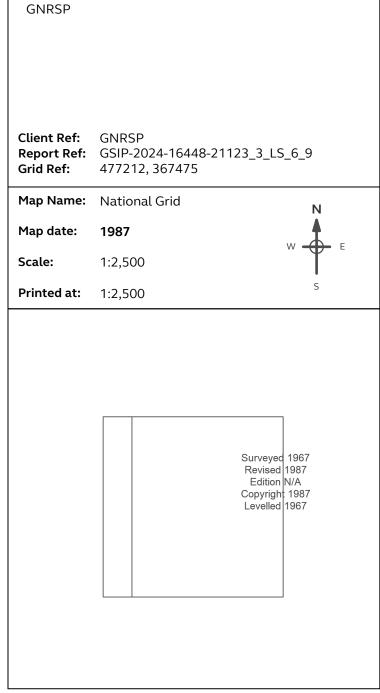
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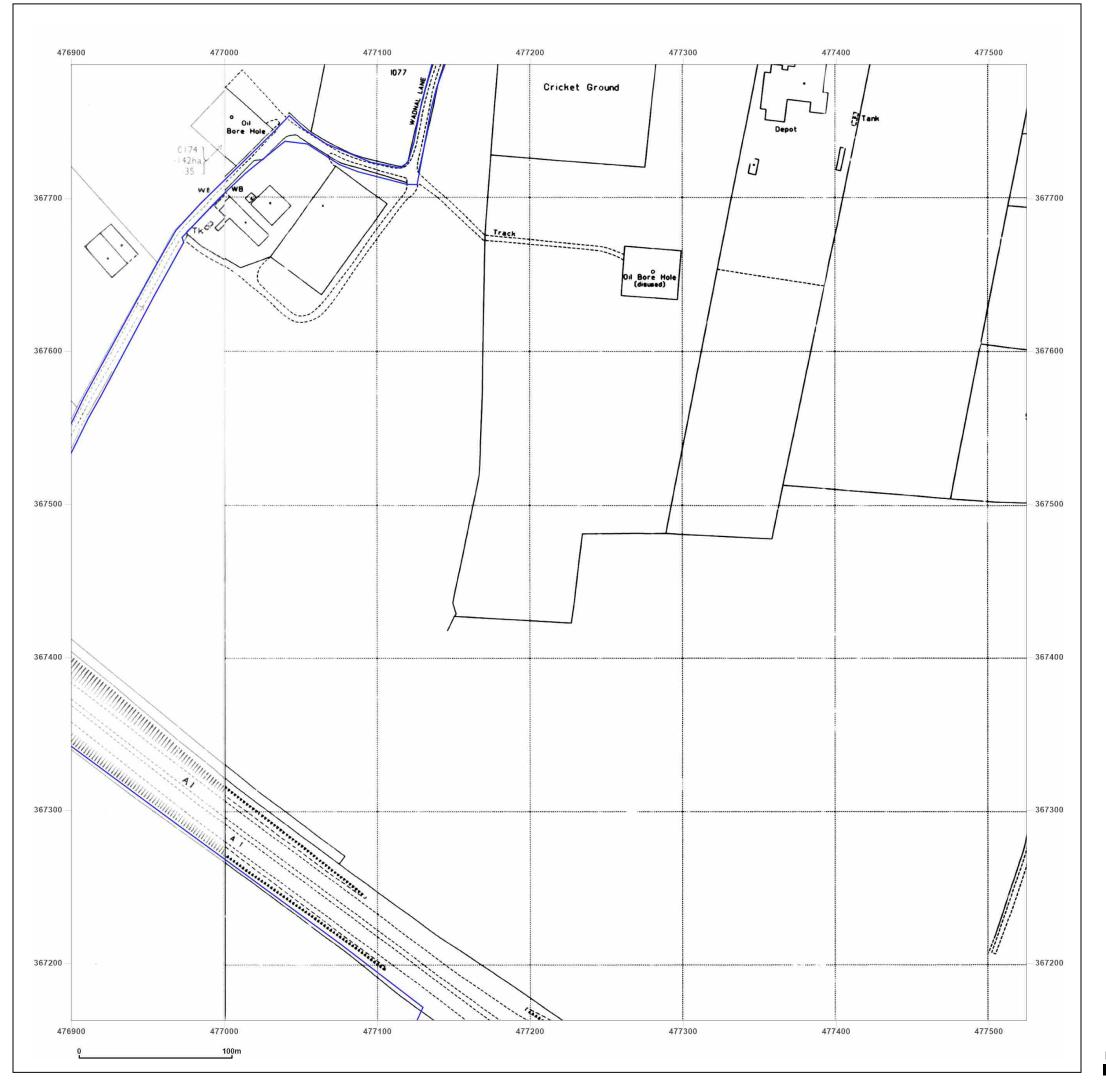




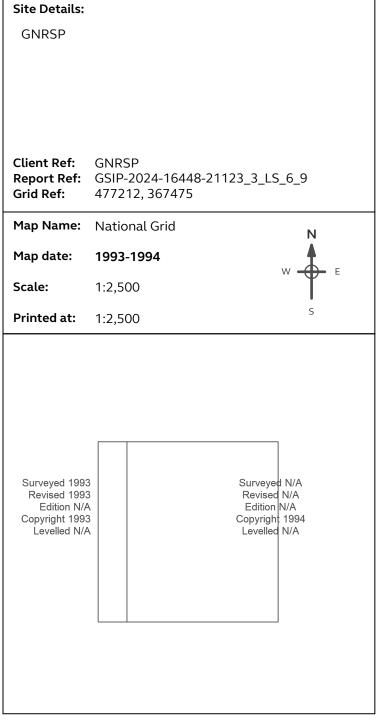
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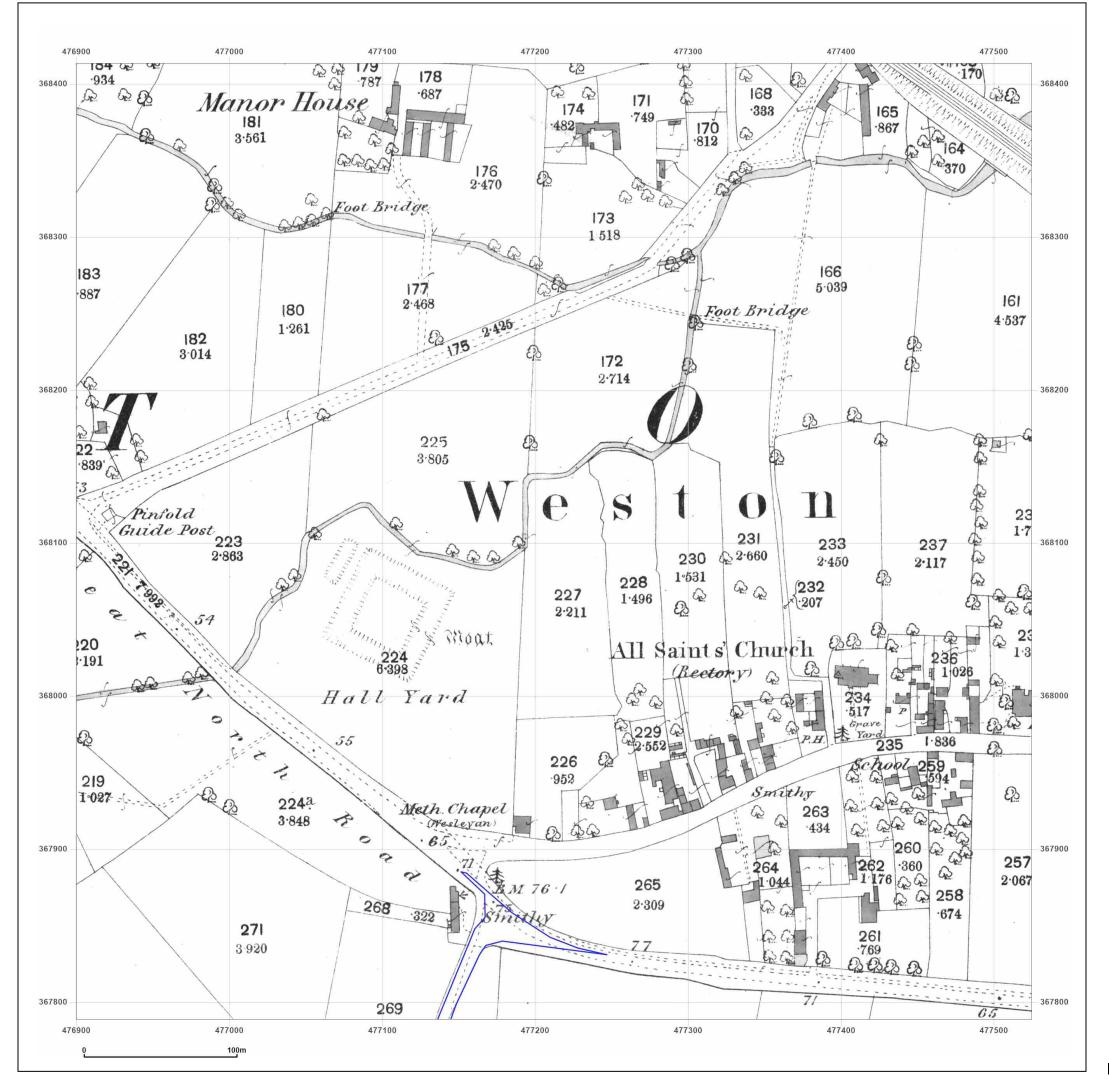




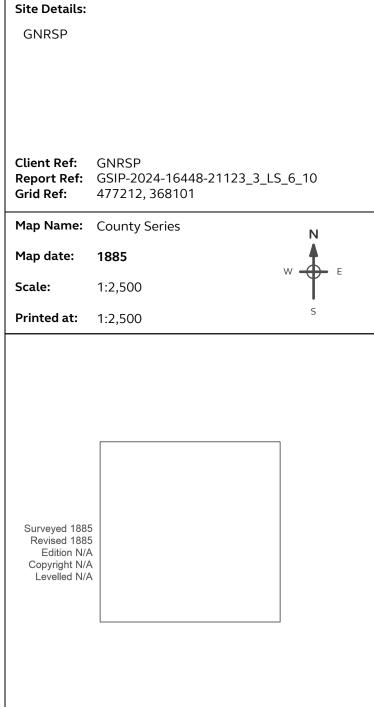


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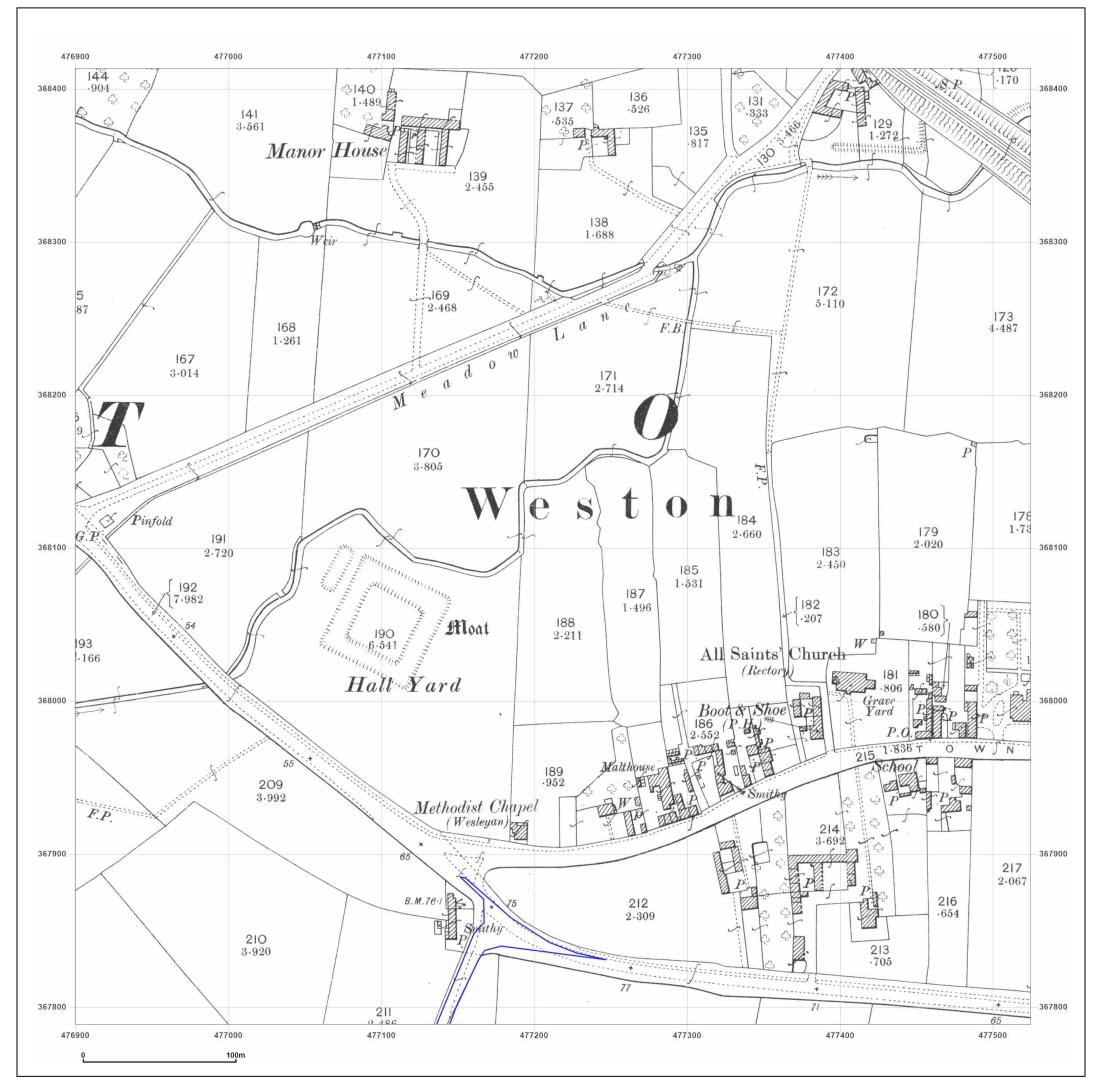






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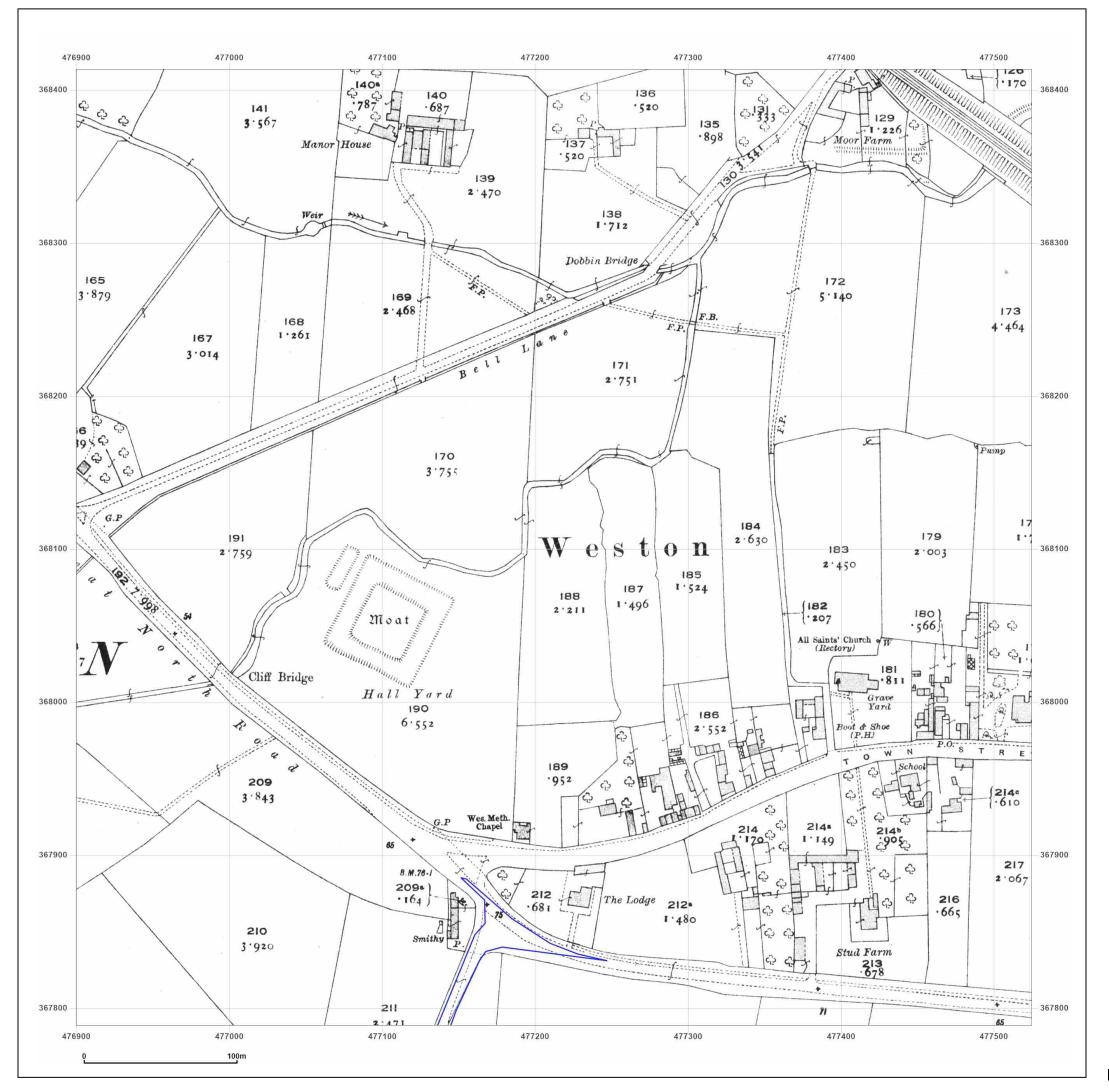
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Printed at:	1:2,500	S
Surveyed 1900 Revised 1900		
Edition N/A Copyright N/A Levelled N/A	A	
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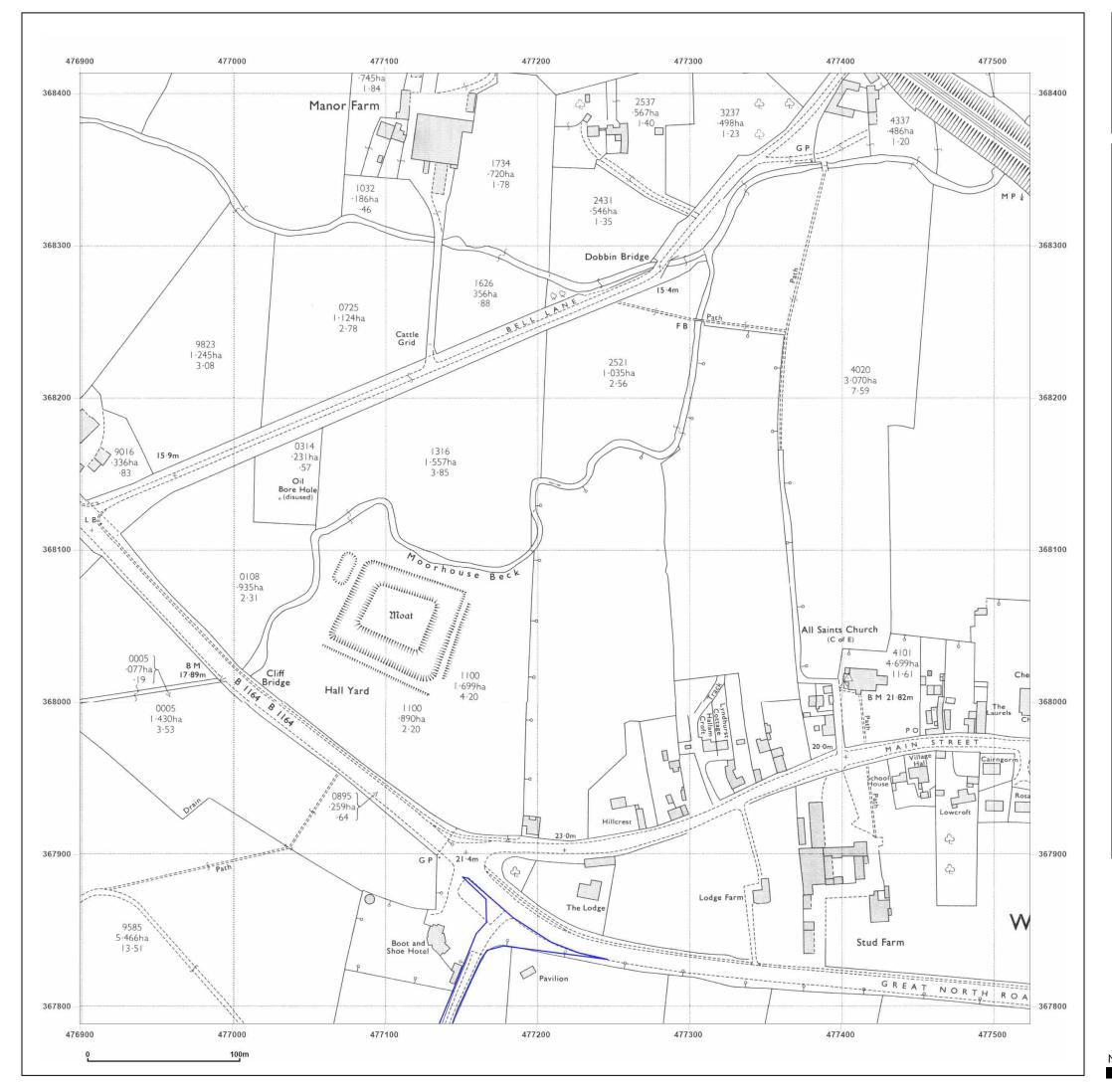
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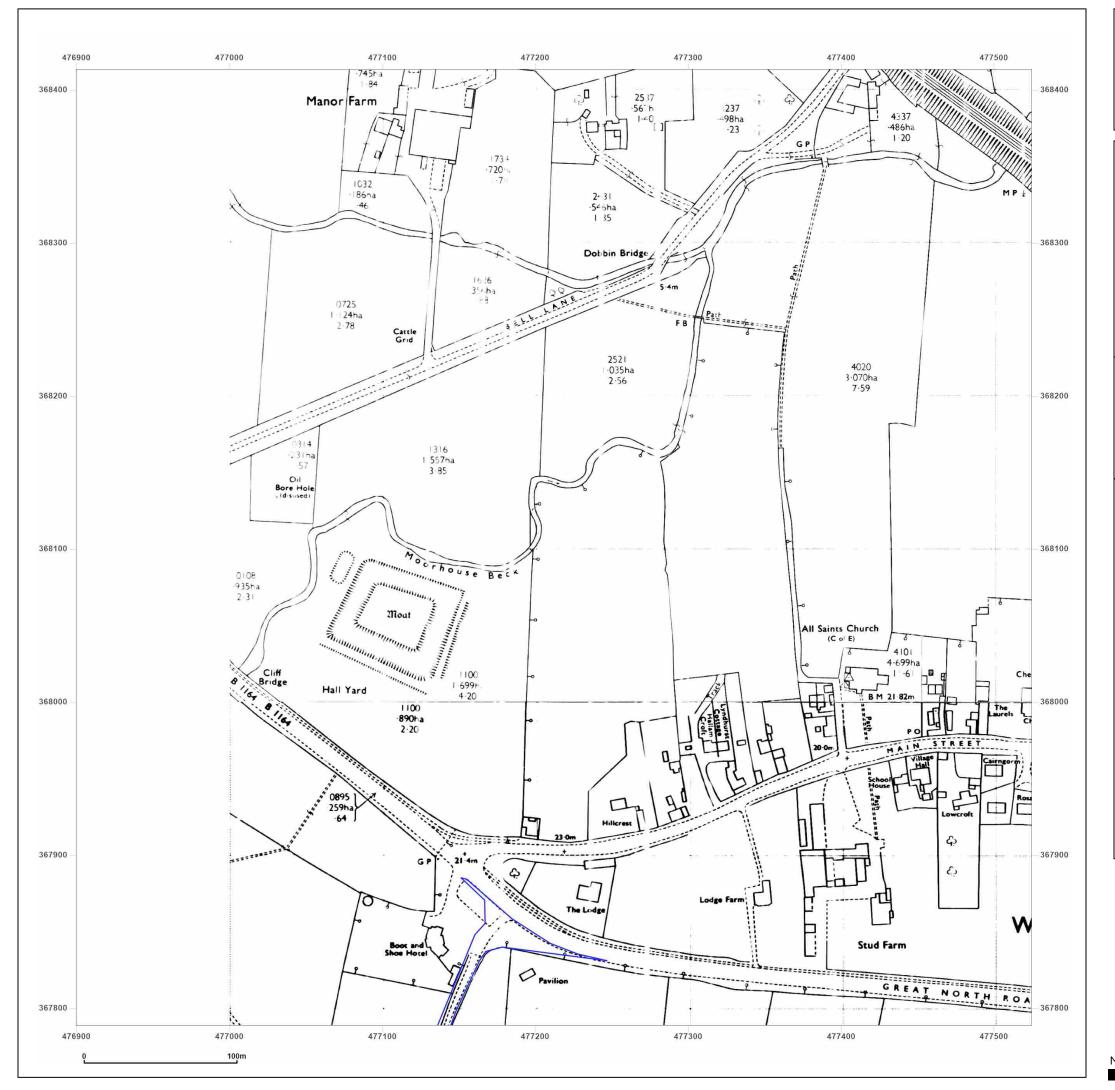


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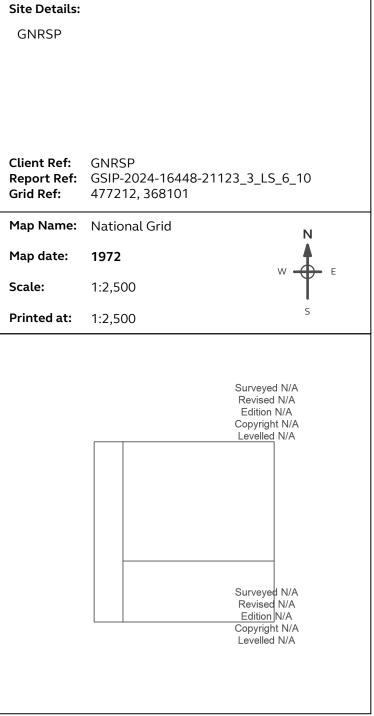


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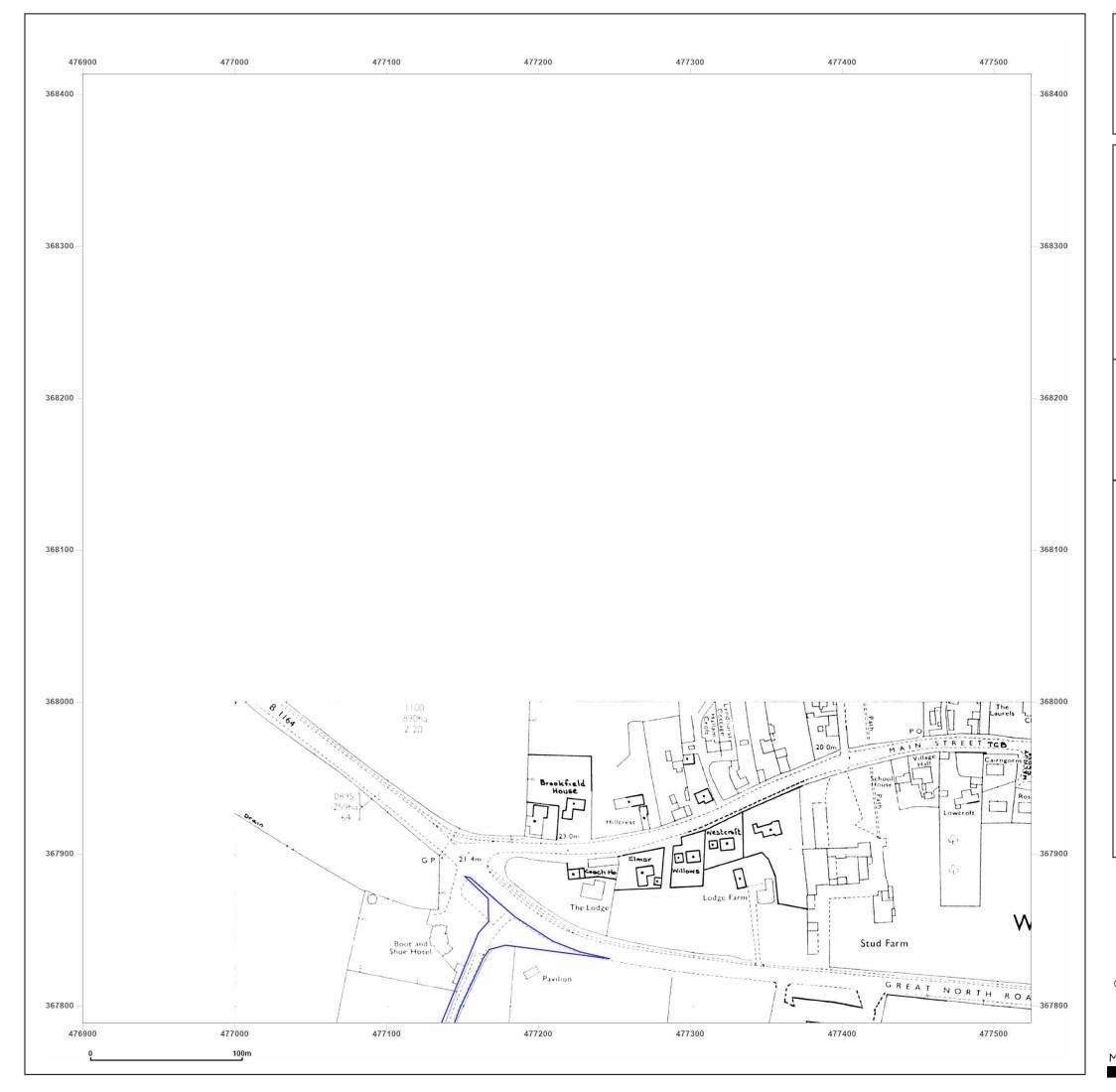




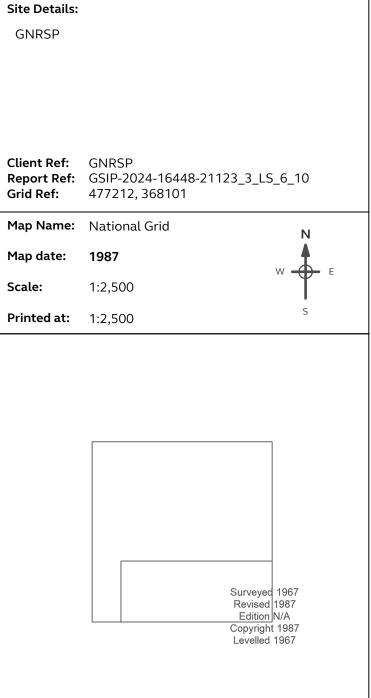


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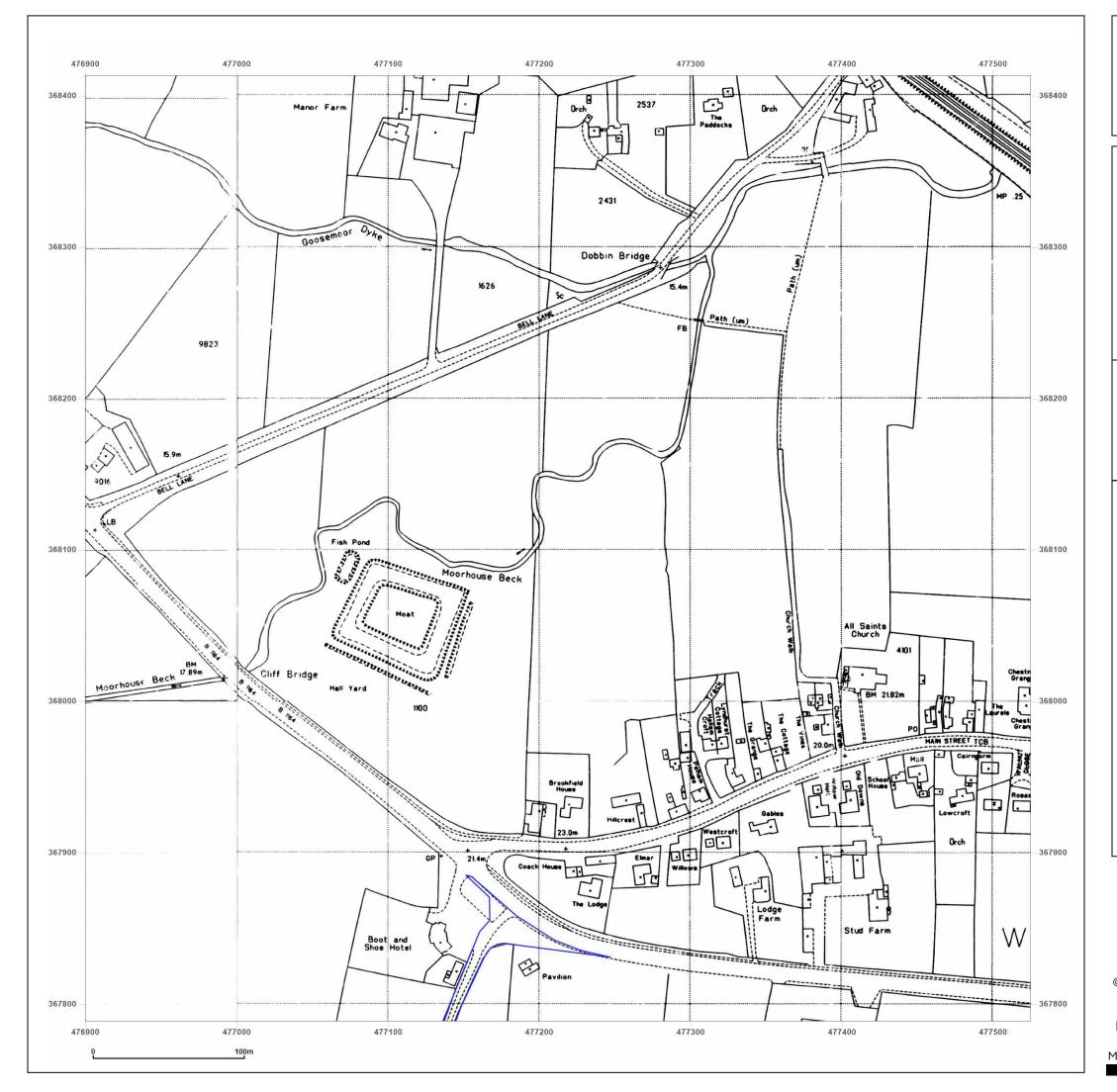




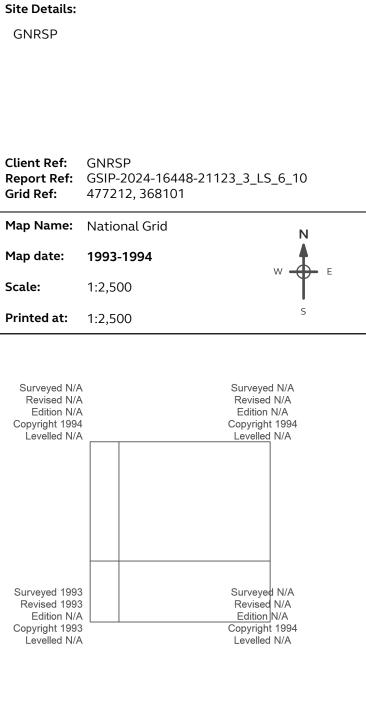


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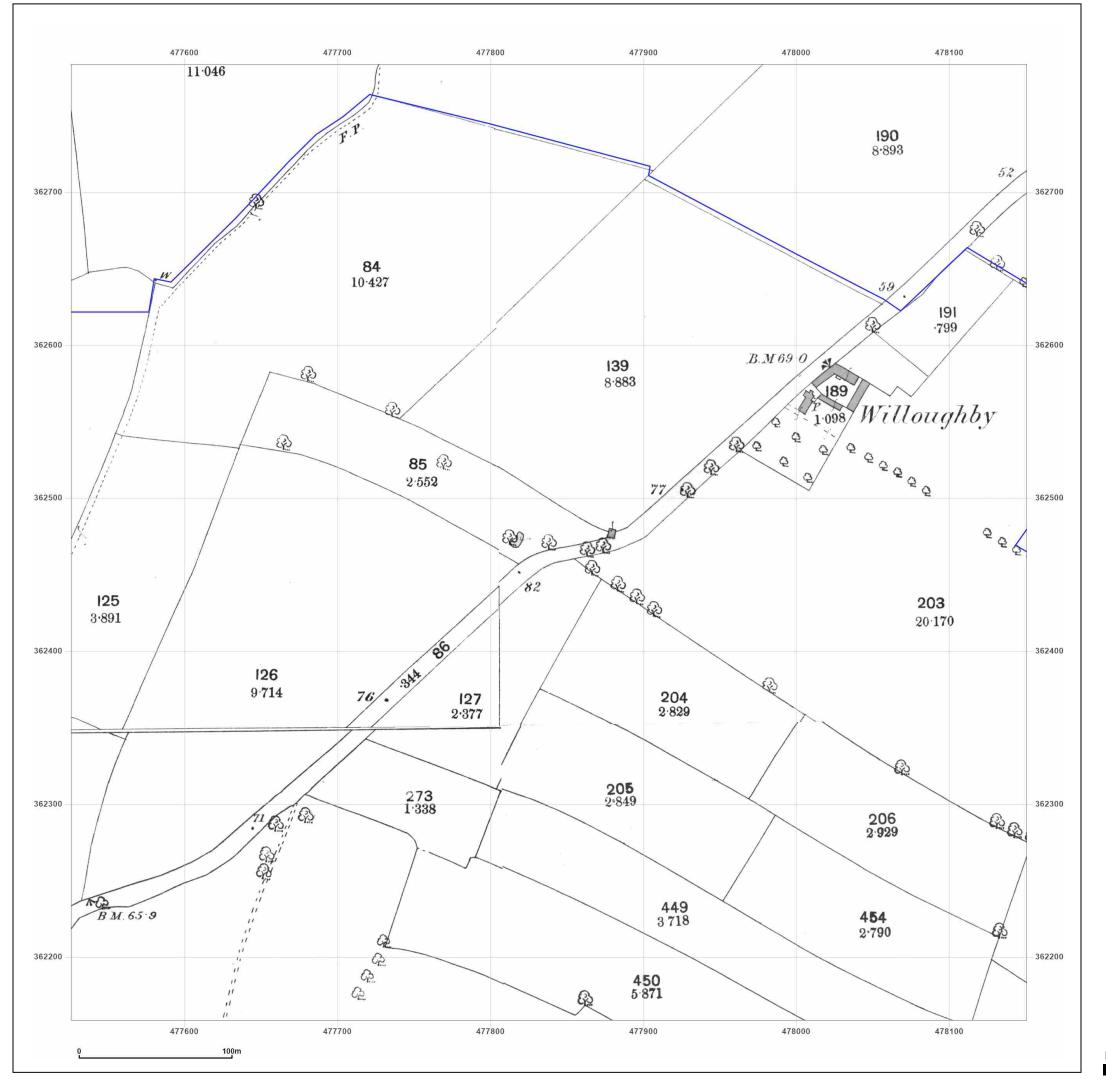




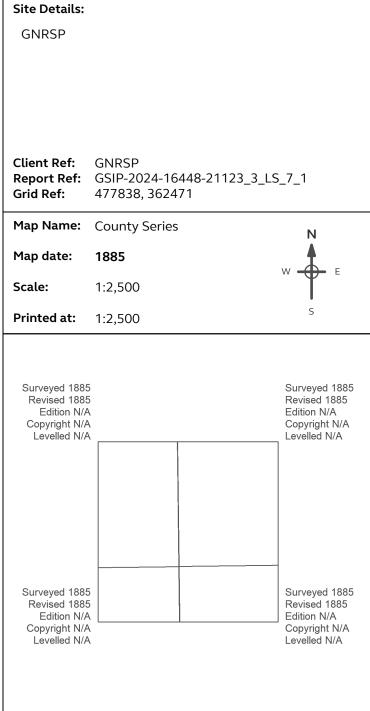


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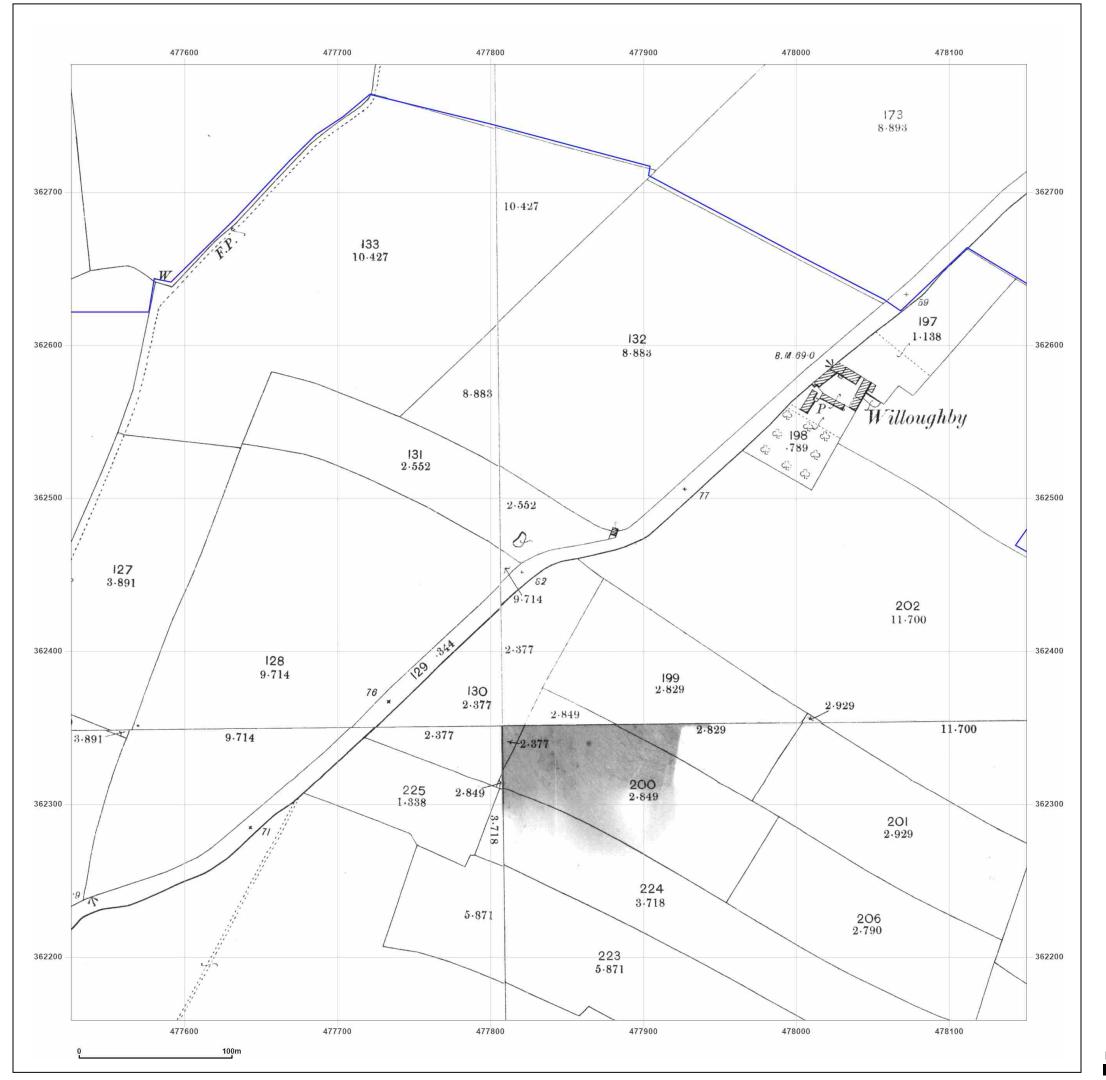




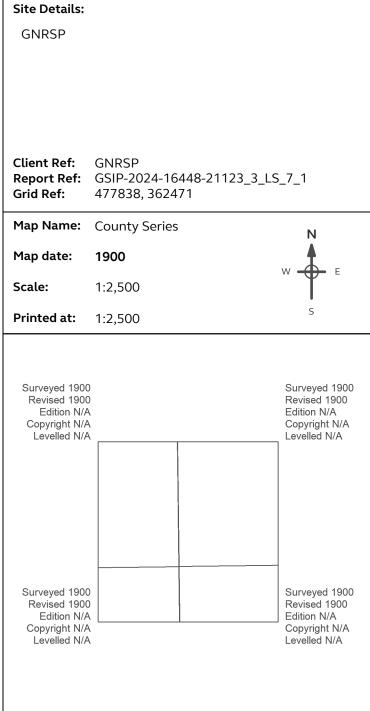


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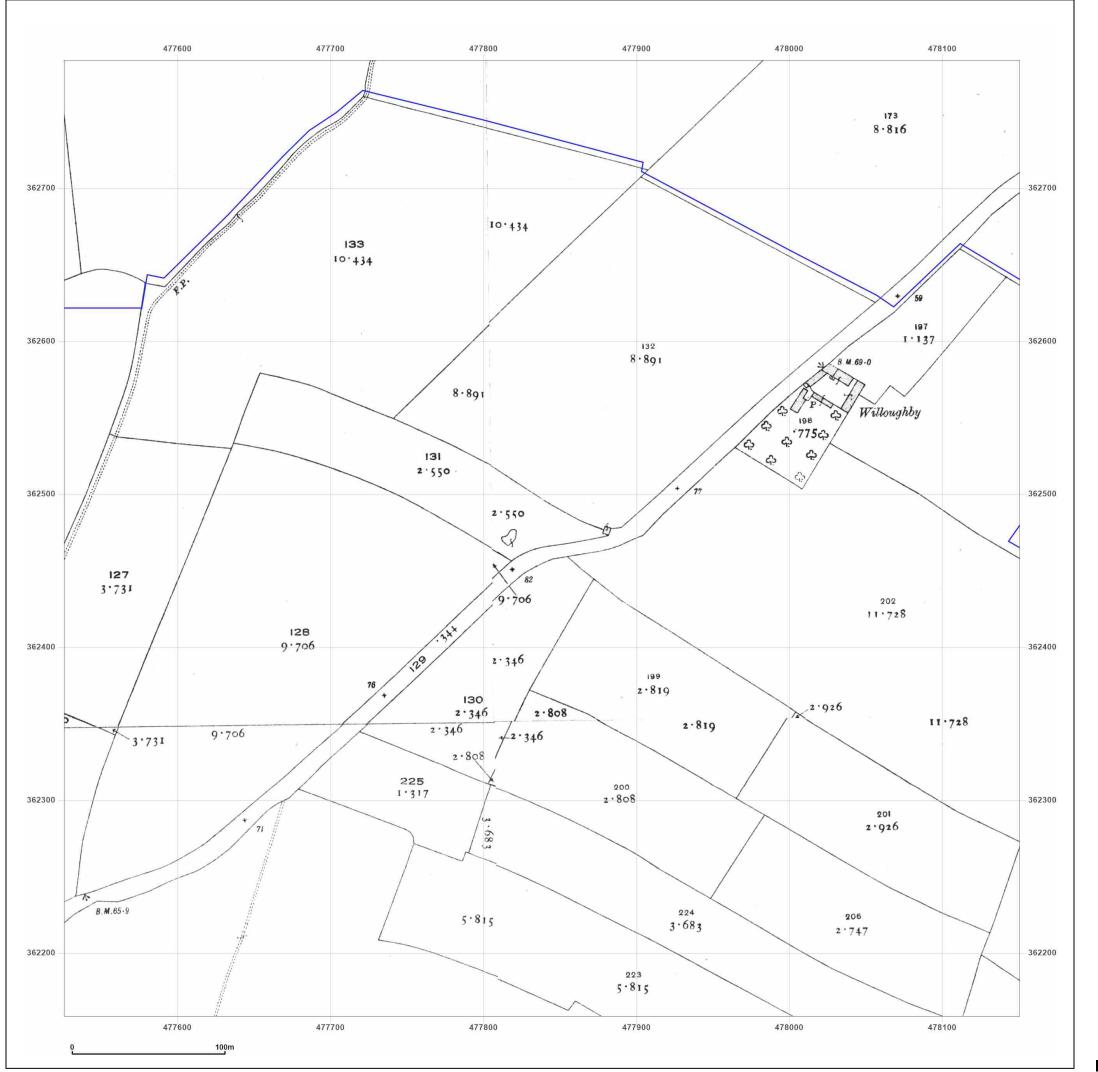




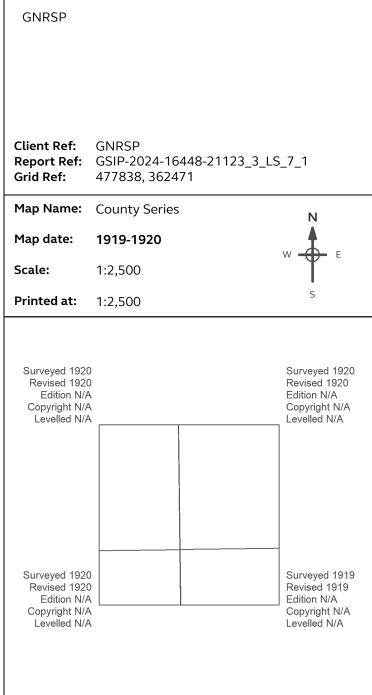


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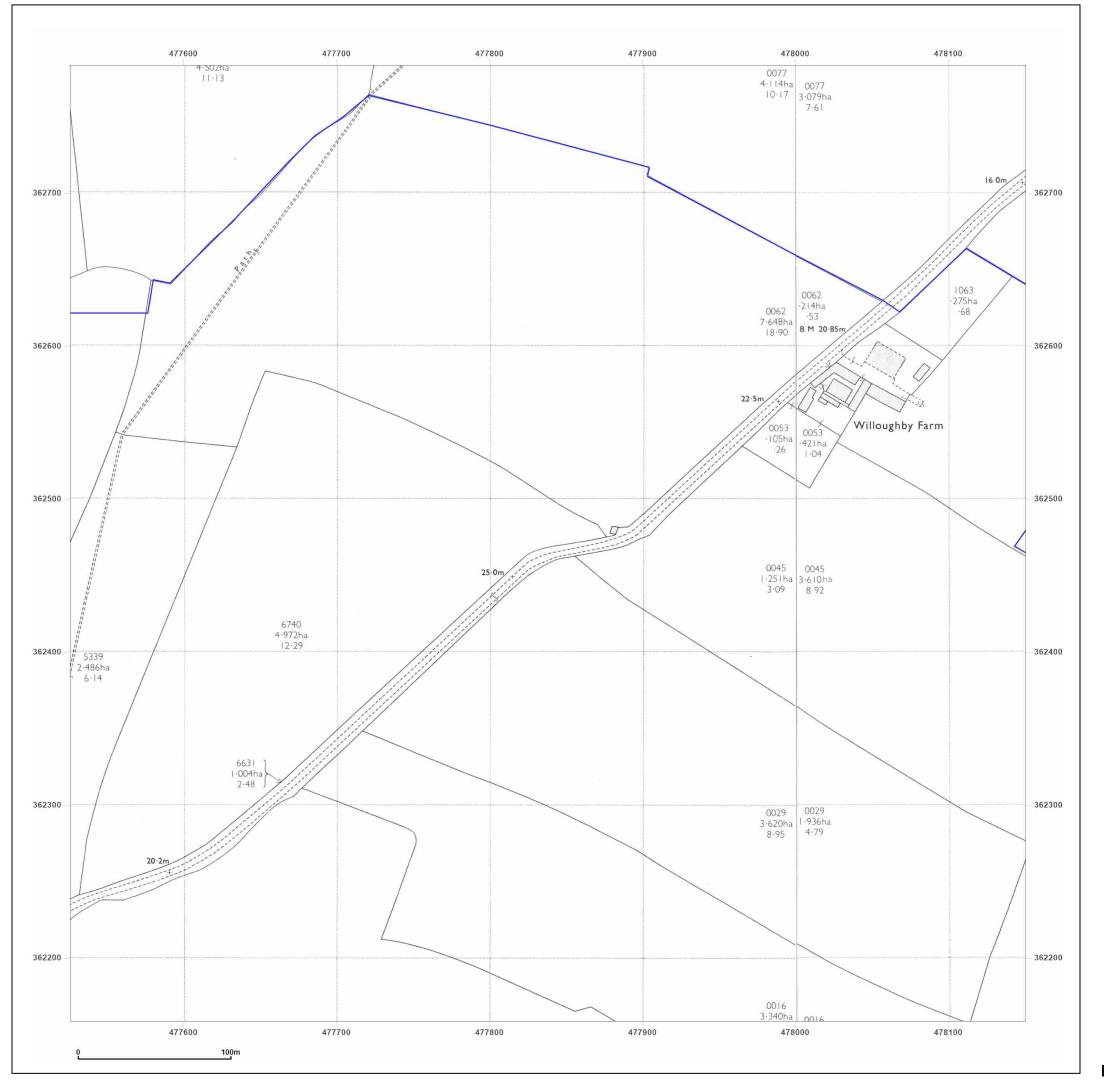




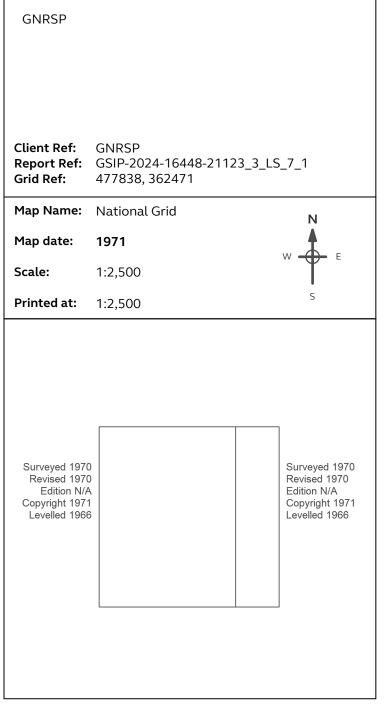
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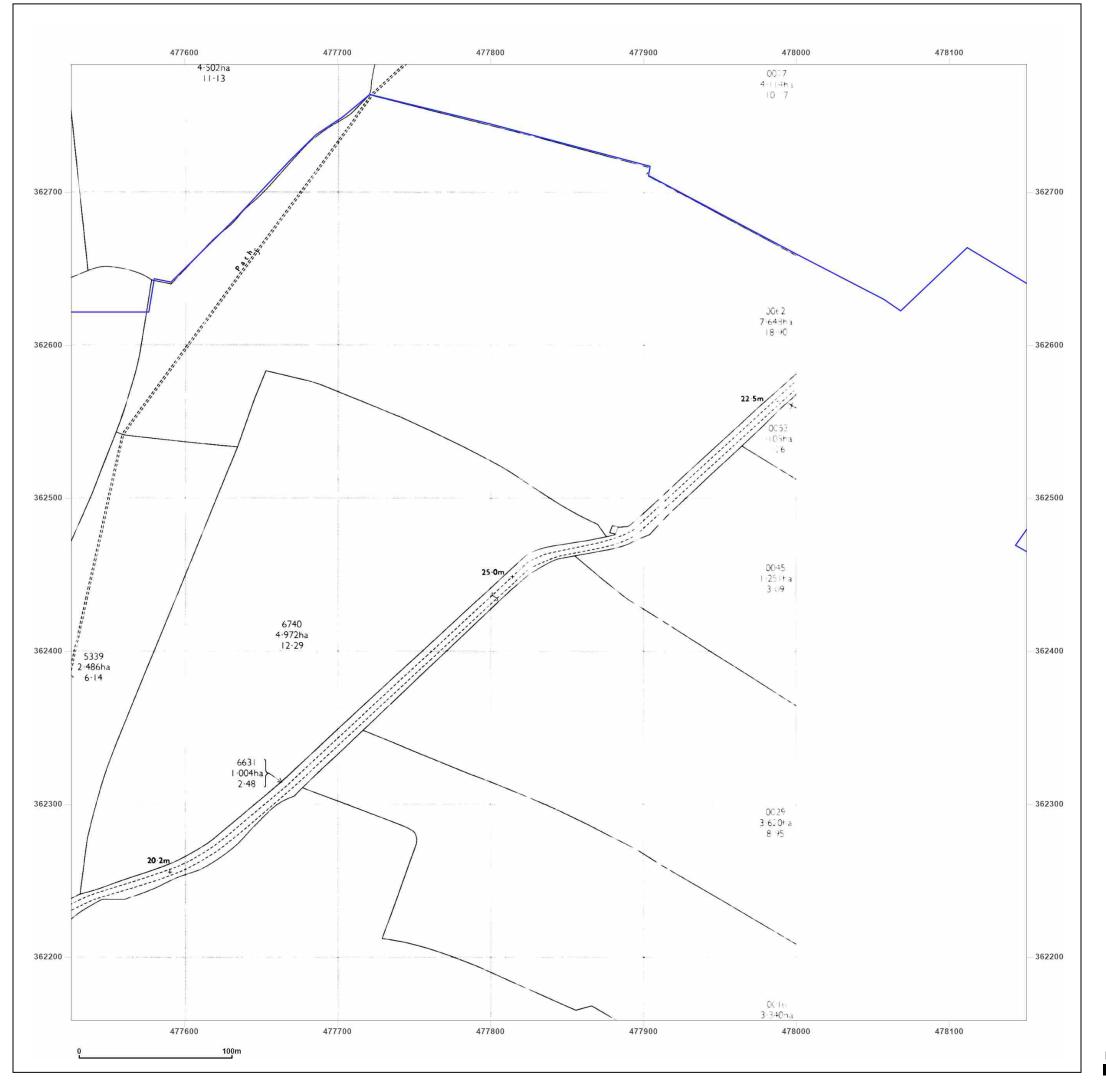




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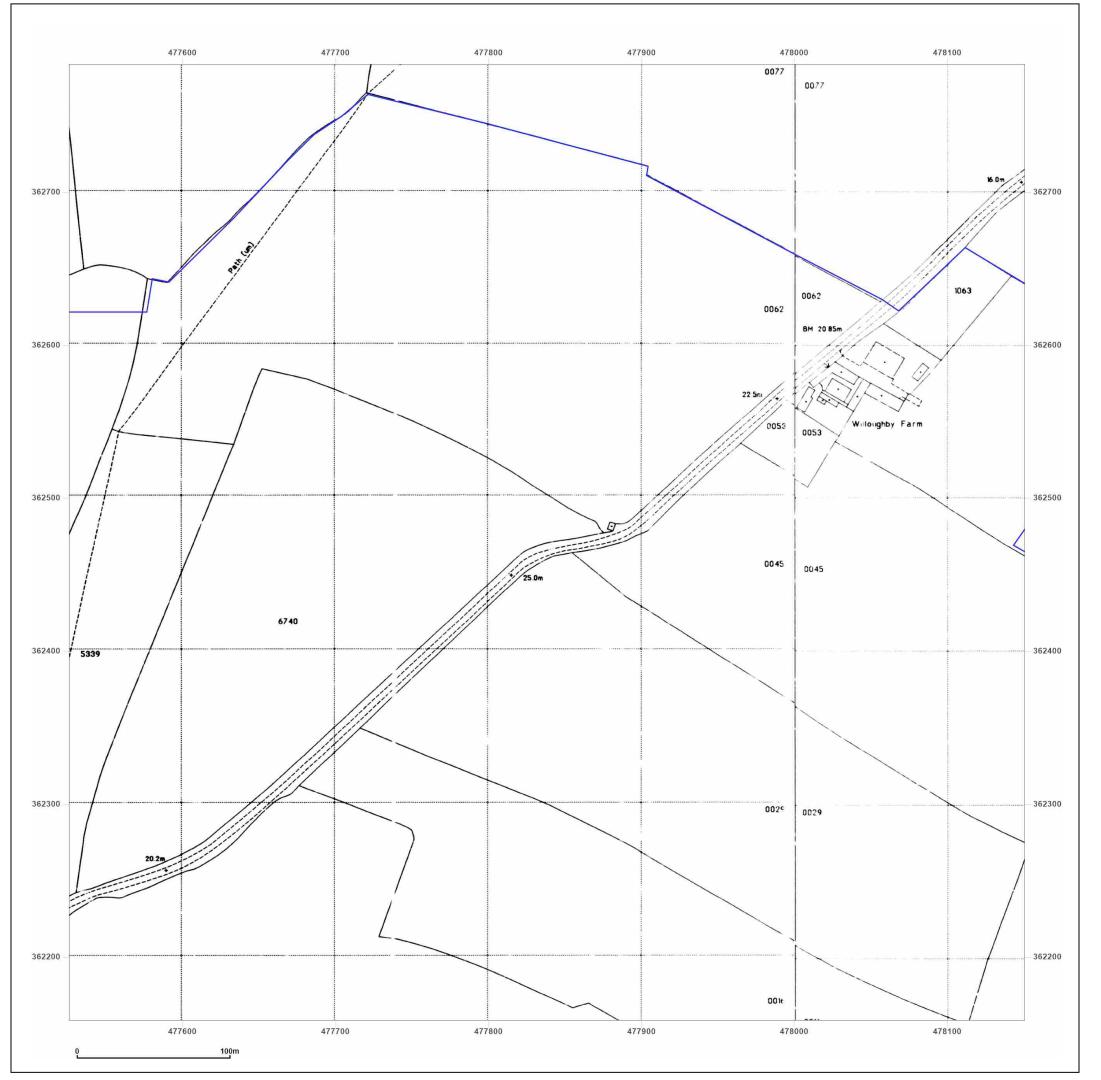
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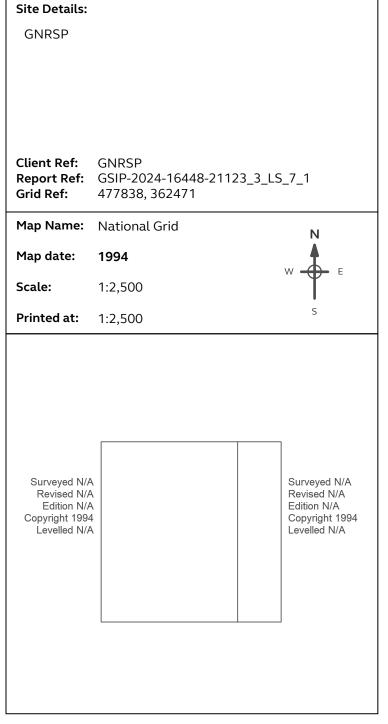
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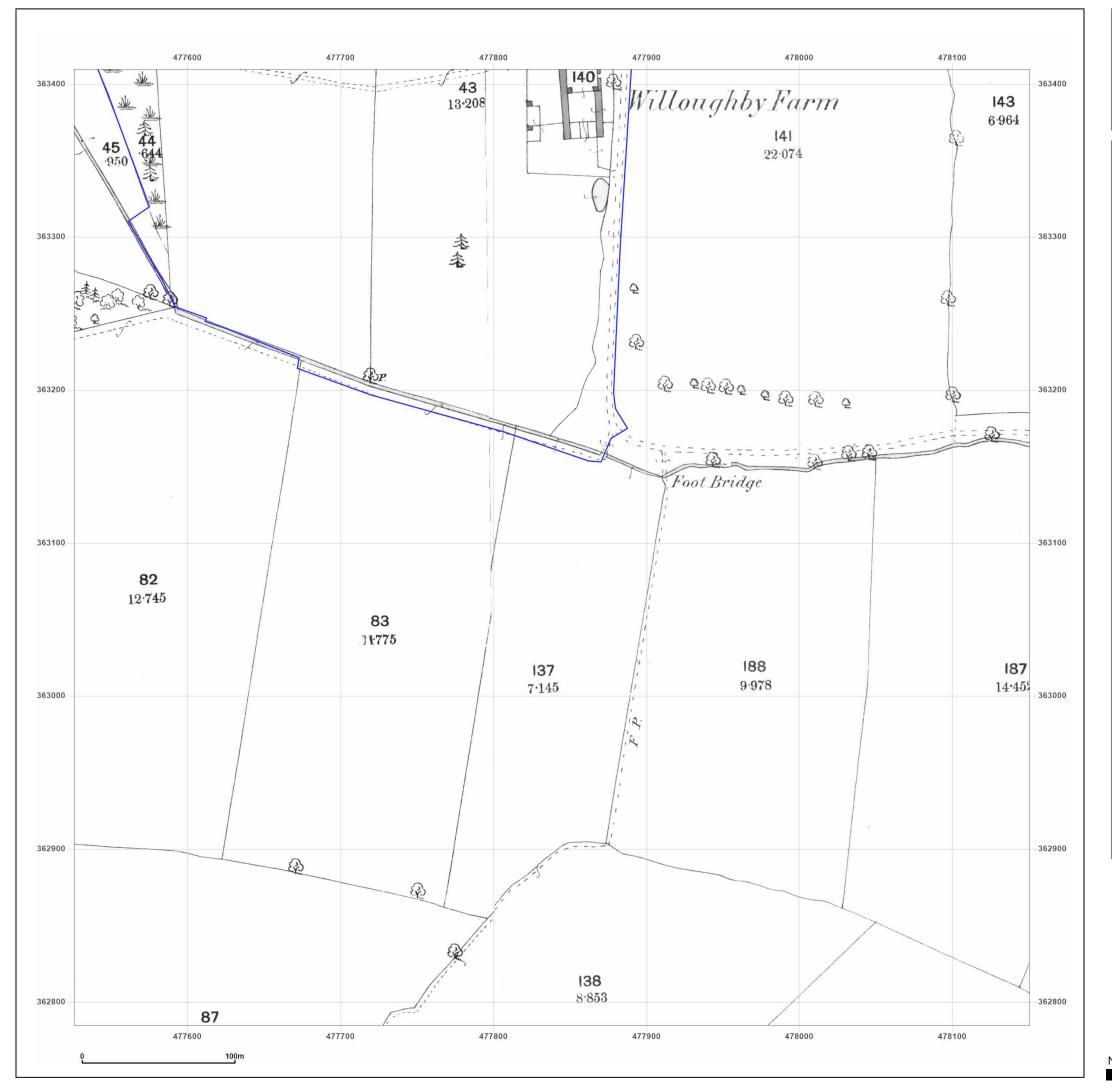




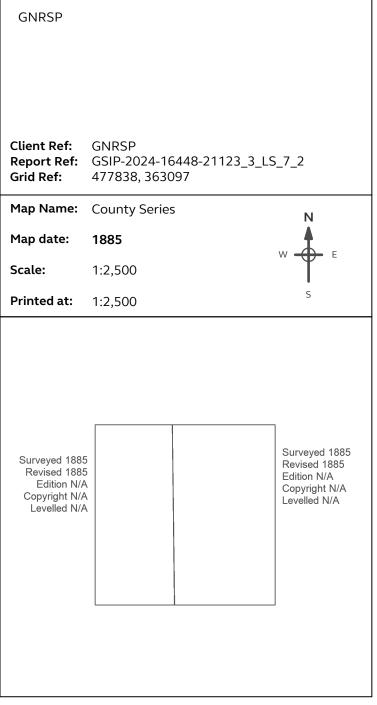


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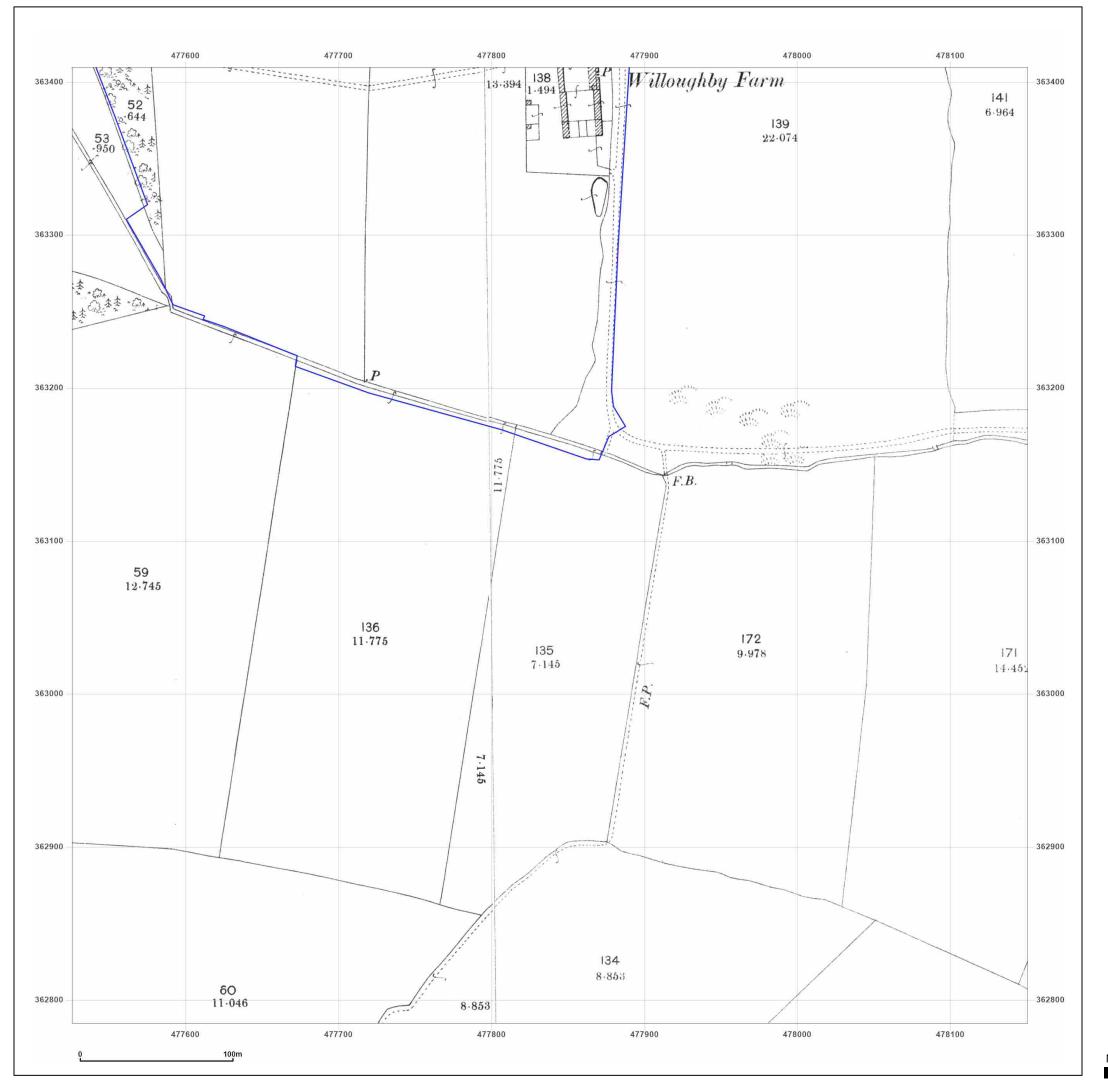




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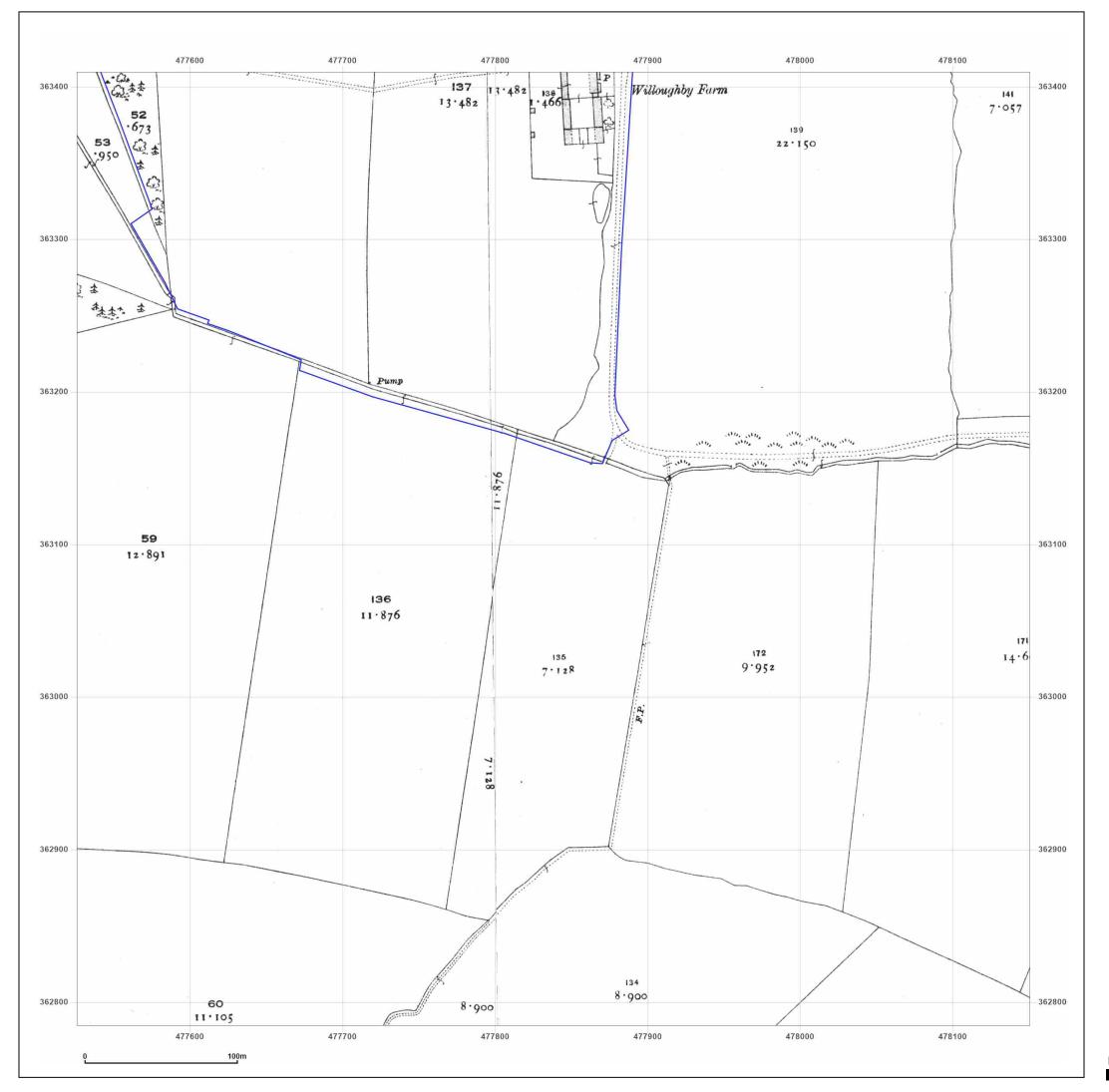
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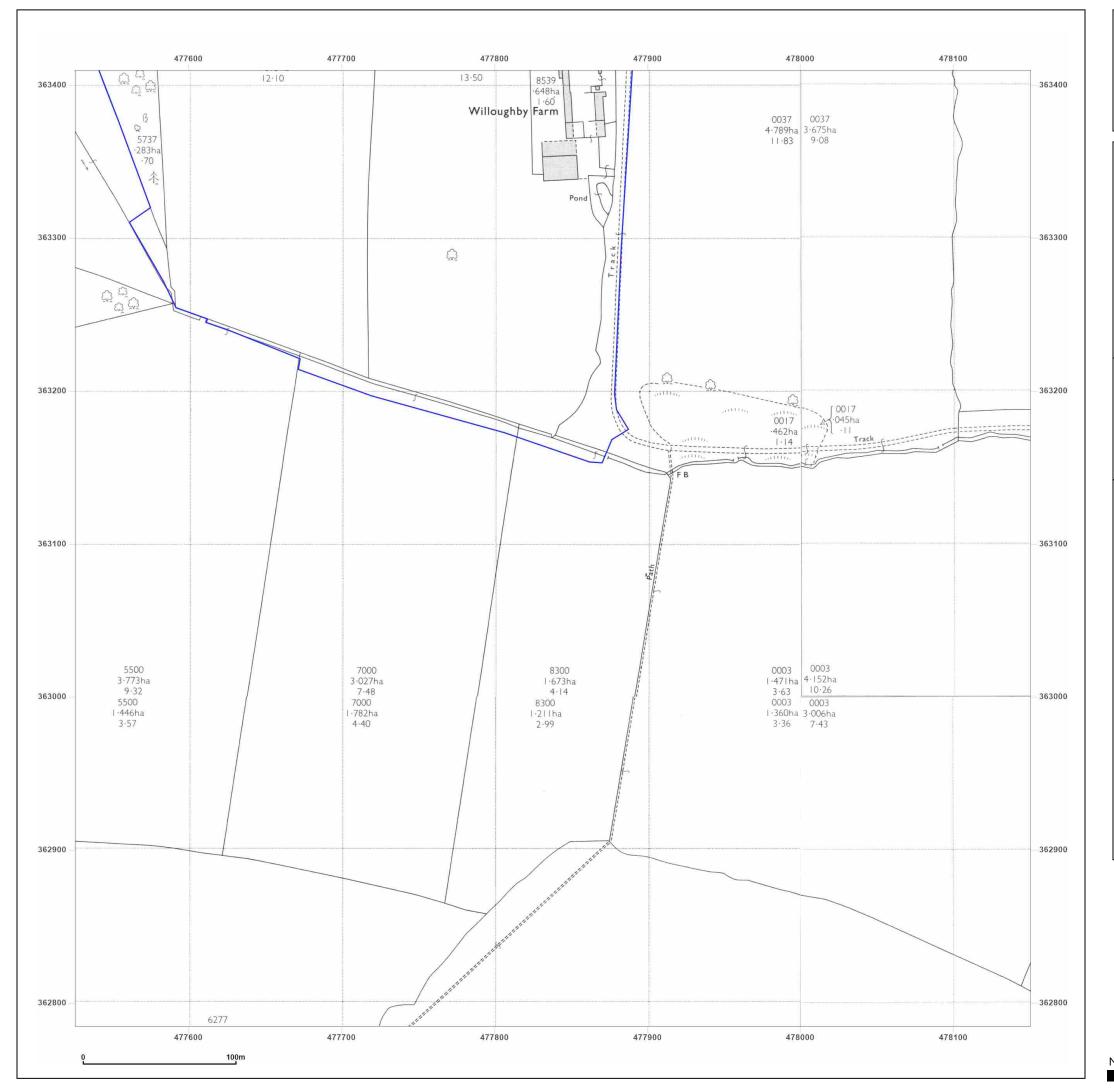
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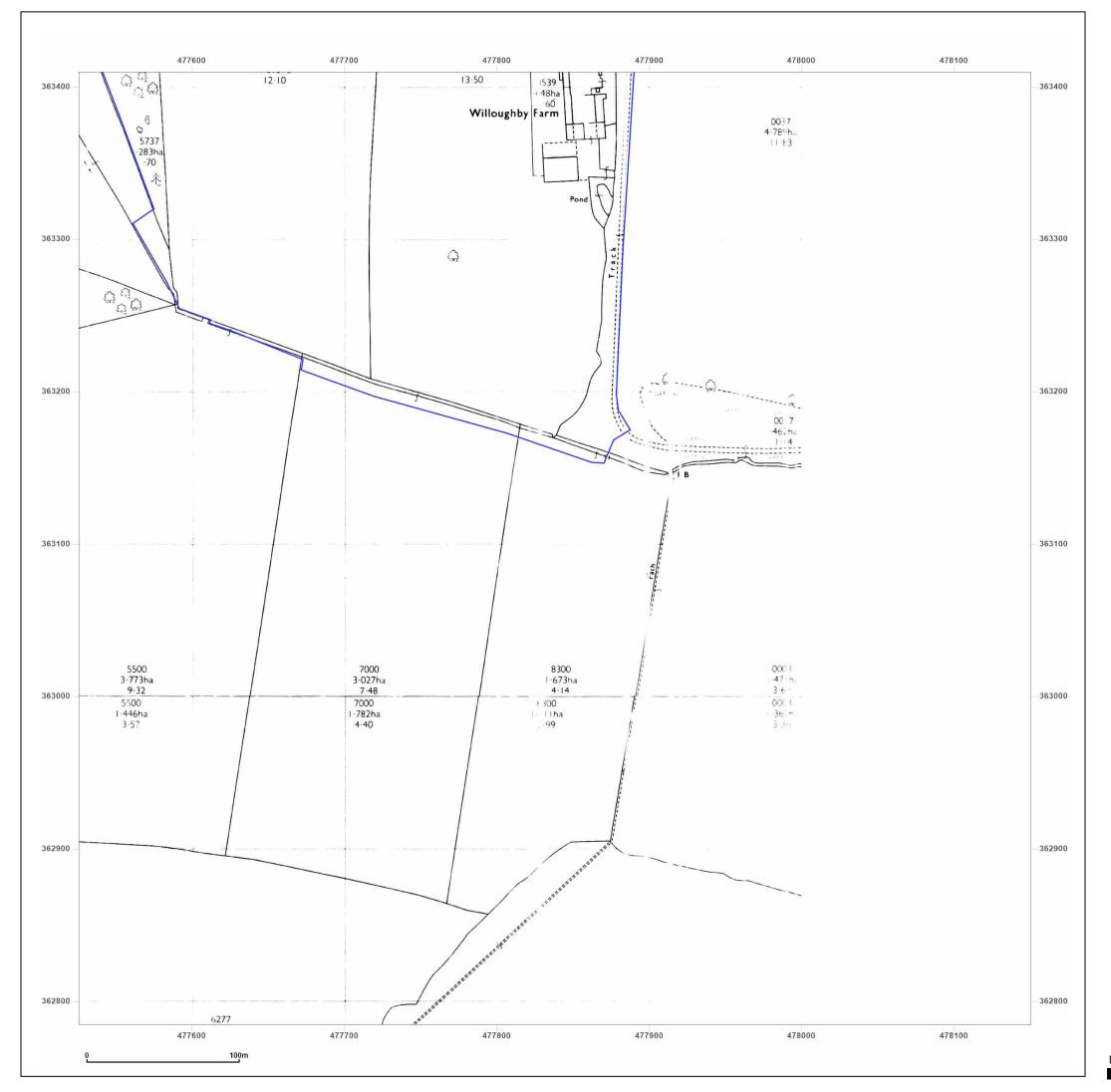
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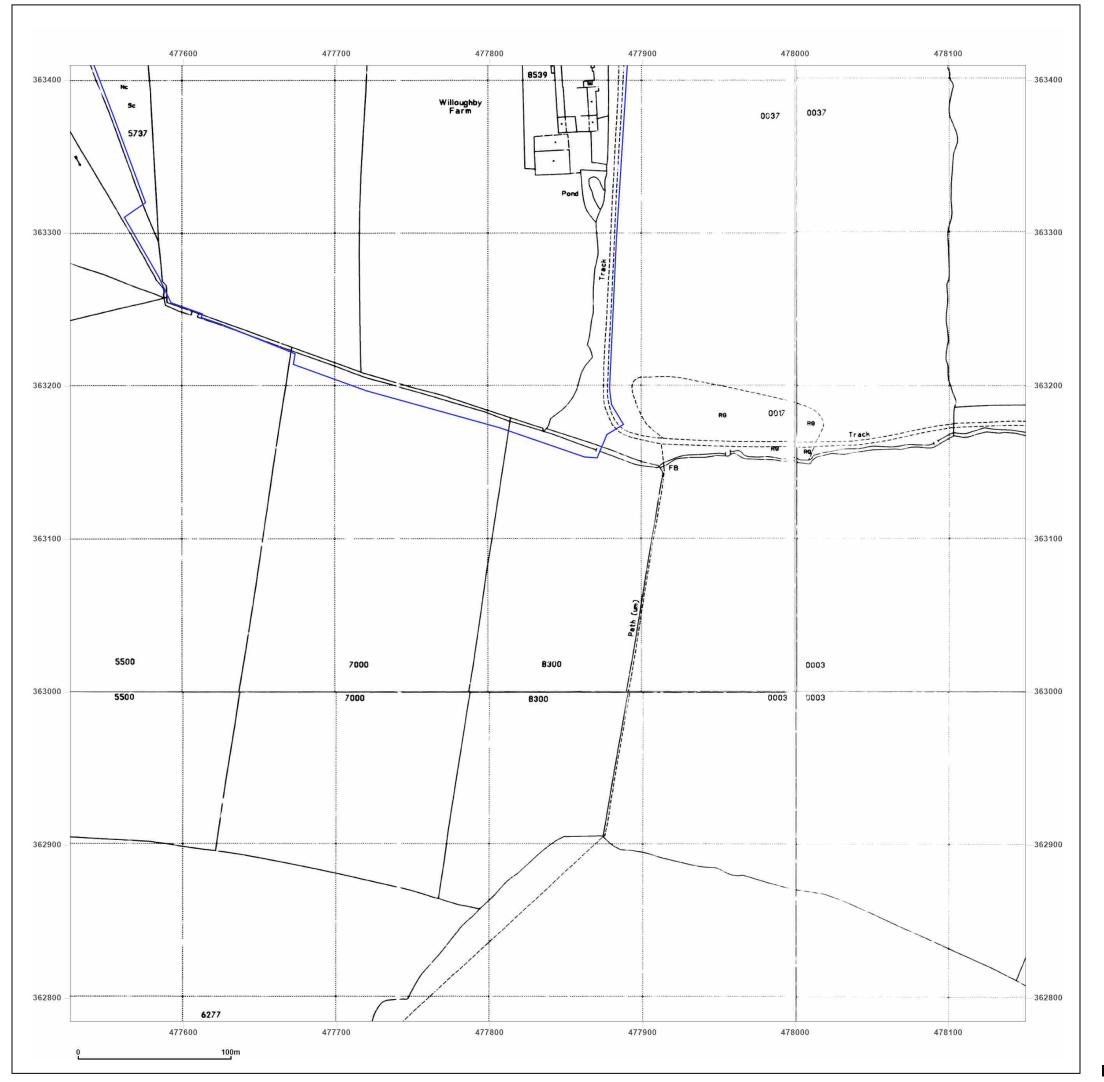


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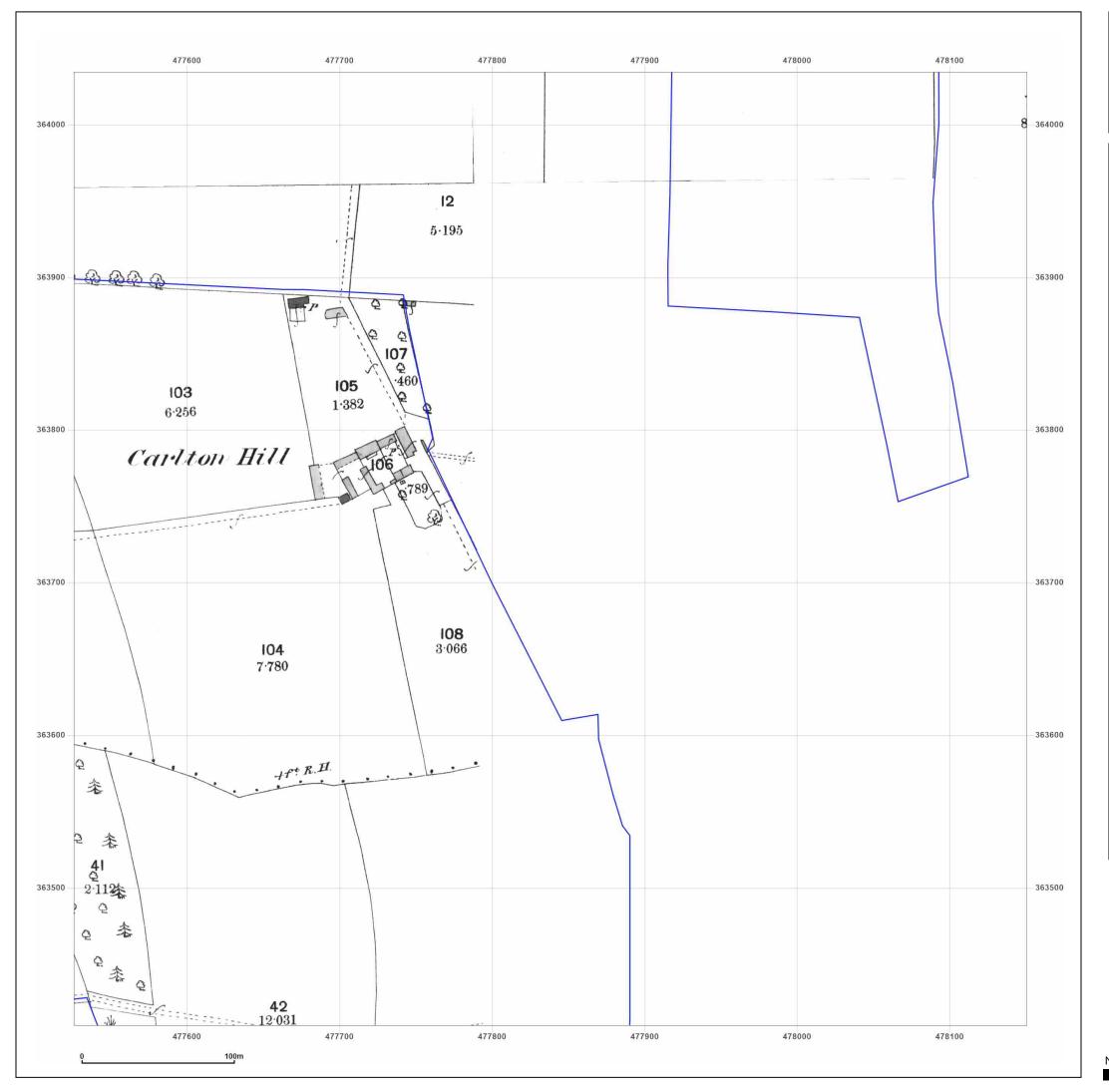
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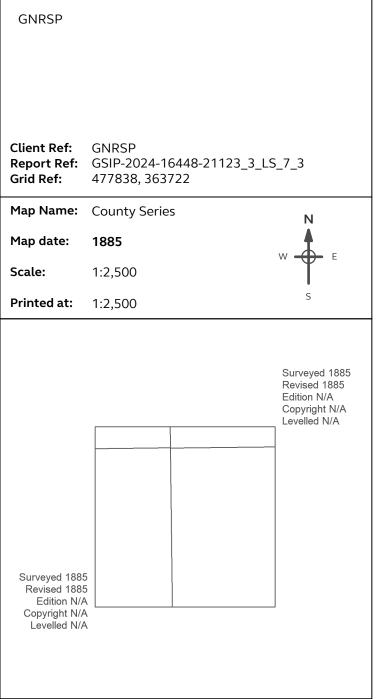
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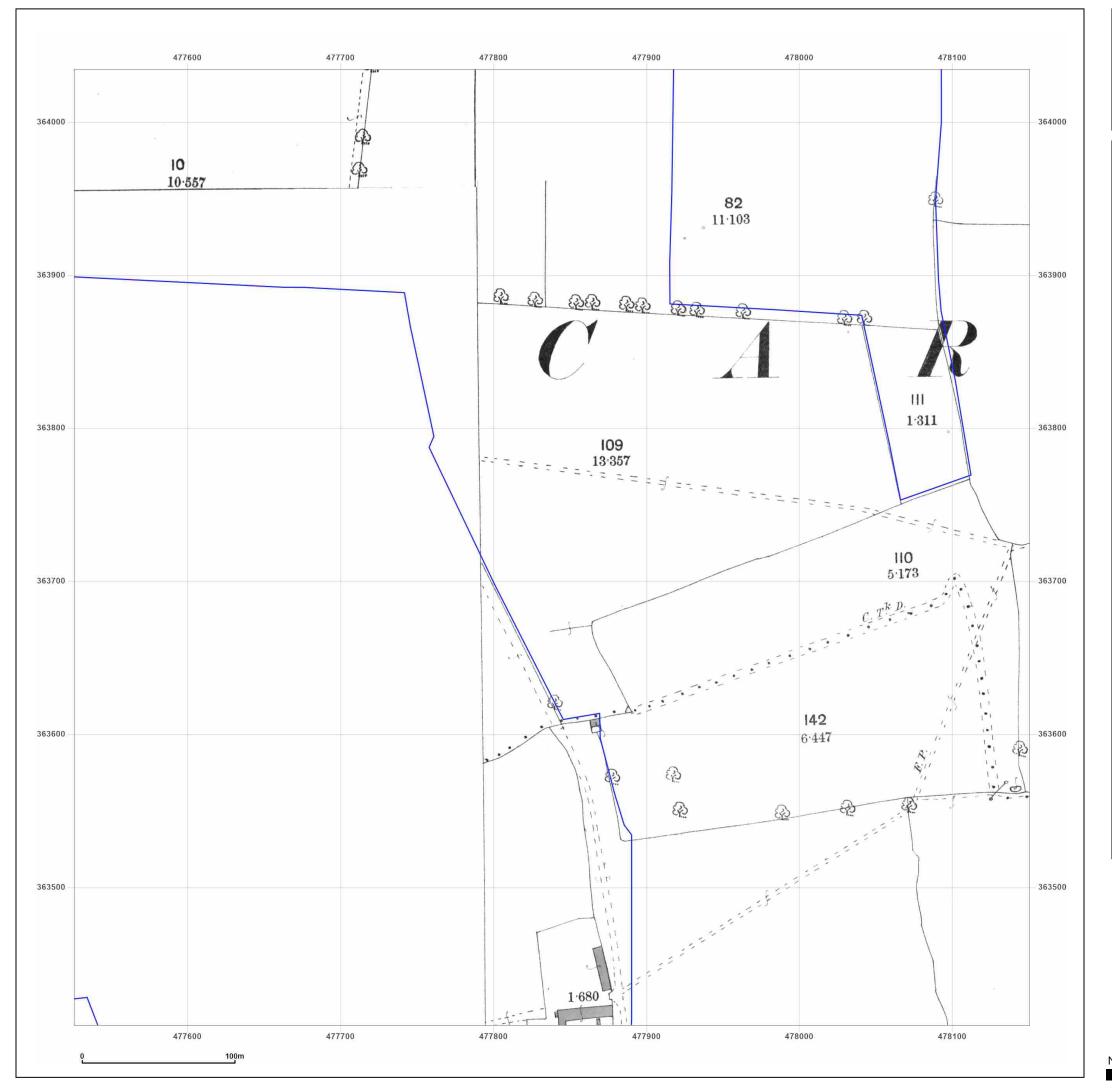




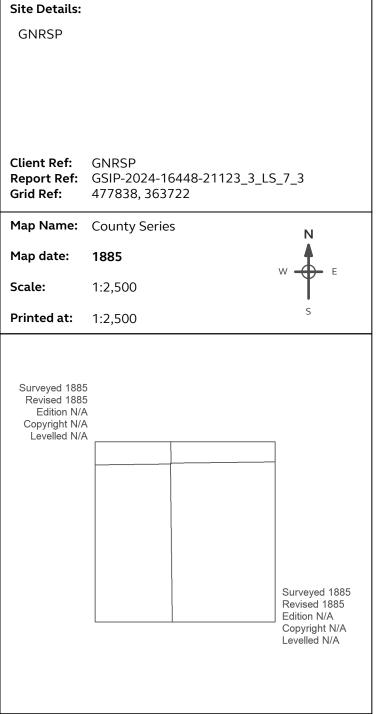
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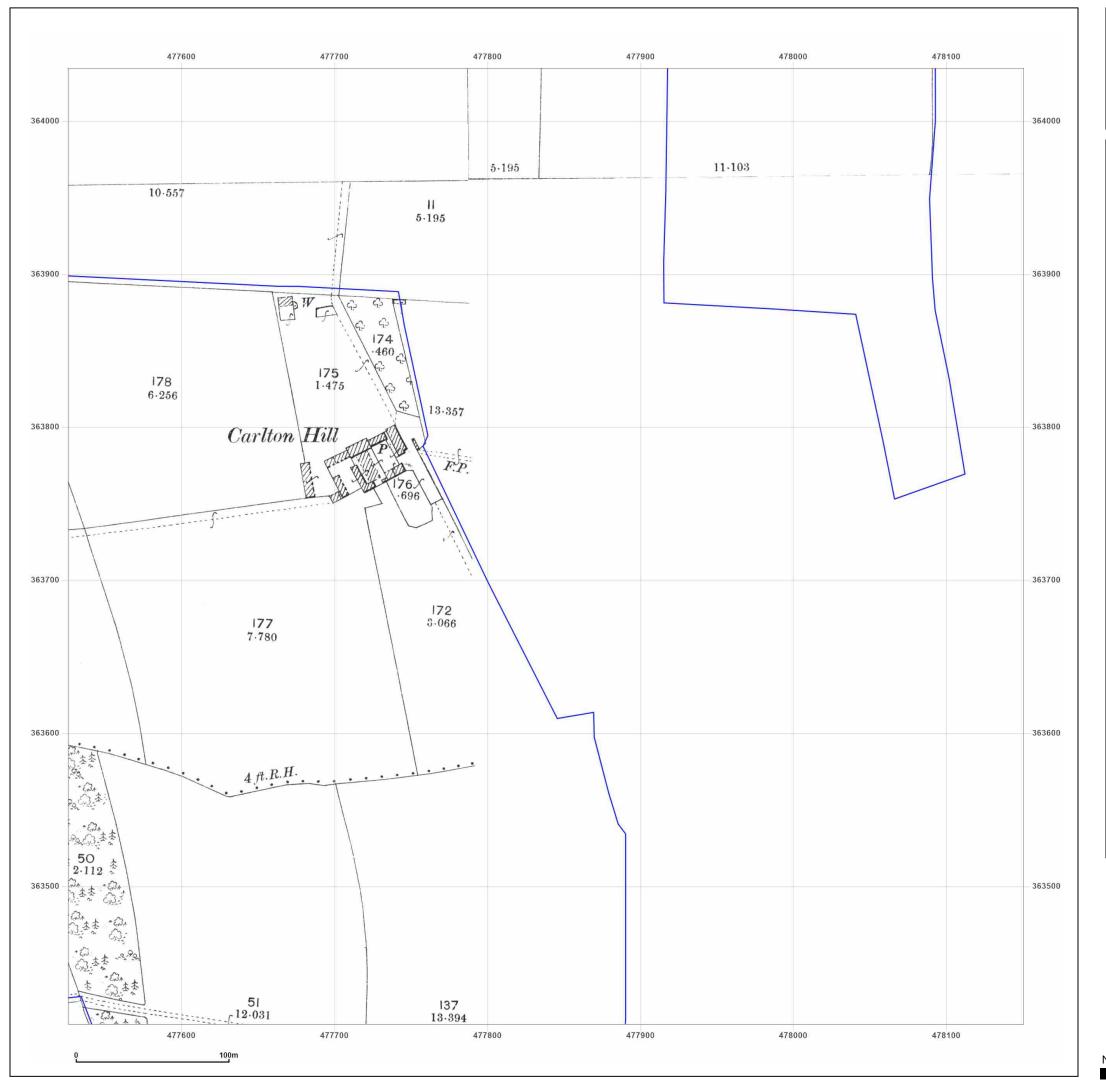






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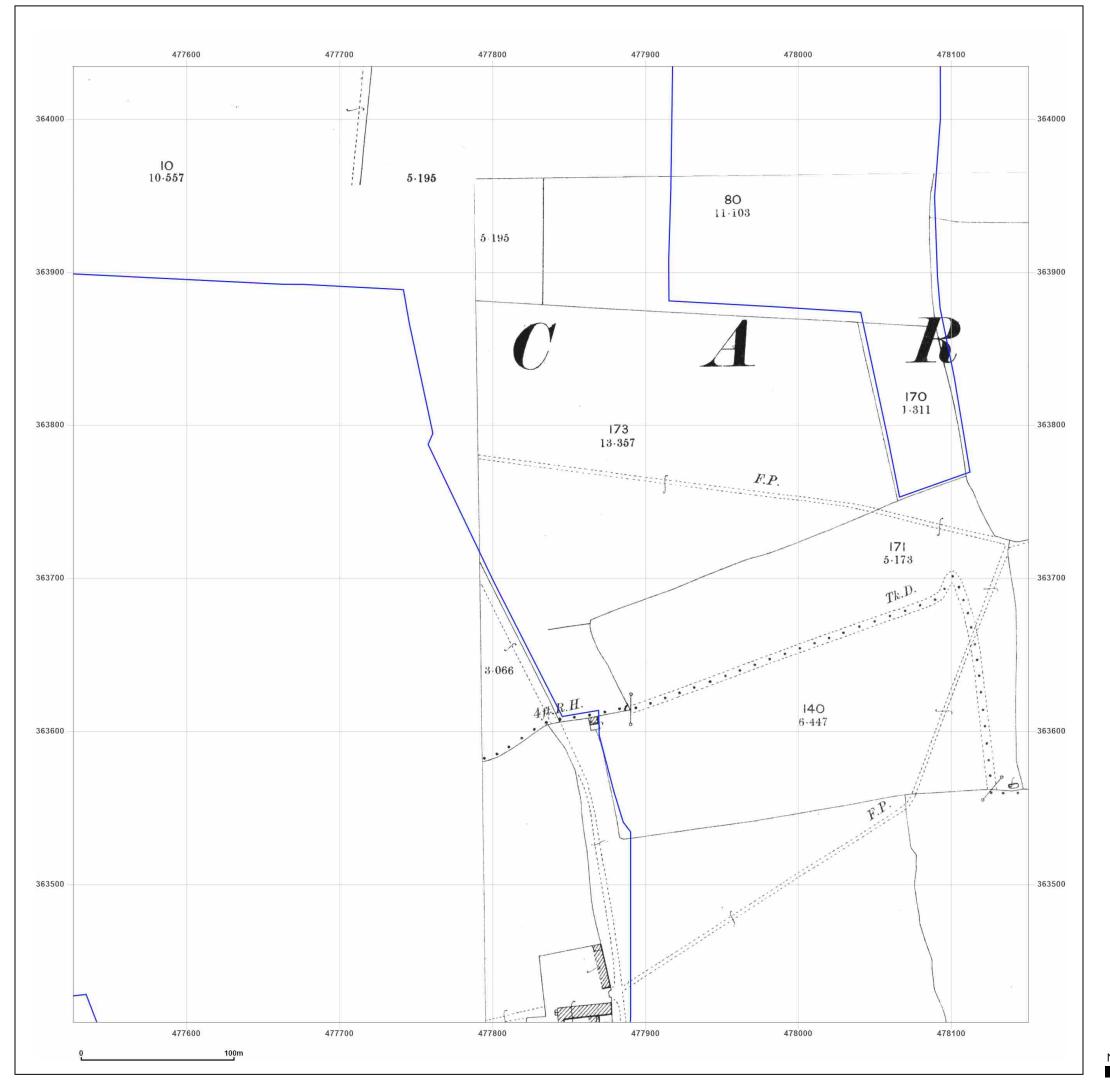


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Map Name:	County Series	Ν
Map date:	1900	W F
Scale:	1:2,500	" <b>T</b>
Printed at:	1:2,500	S
Surveyed 1900 Revised 1900 Edition N/A Copyright N/A Levelled N/A		Surveyed 1900 Revised 1900 Edition N/A Copyright N/A Levelled N/A

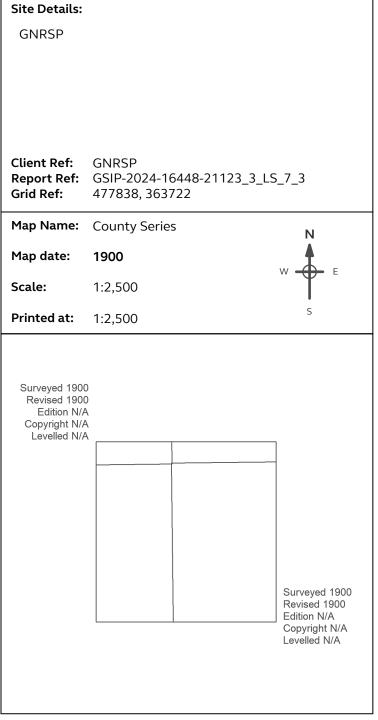


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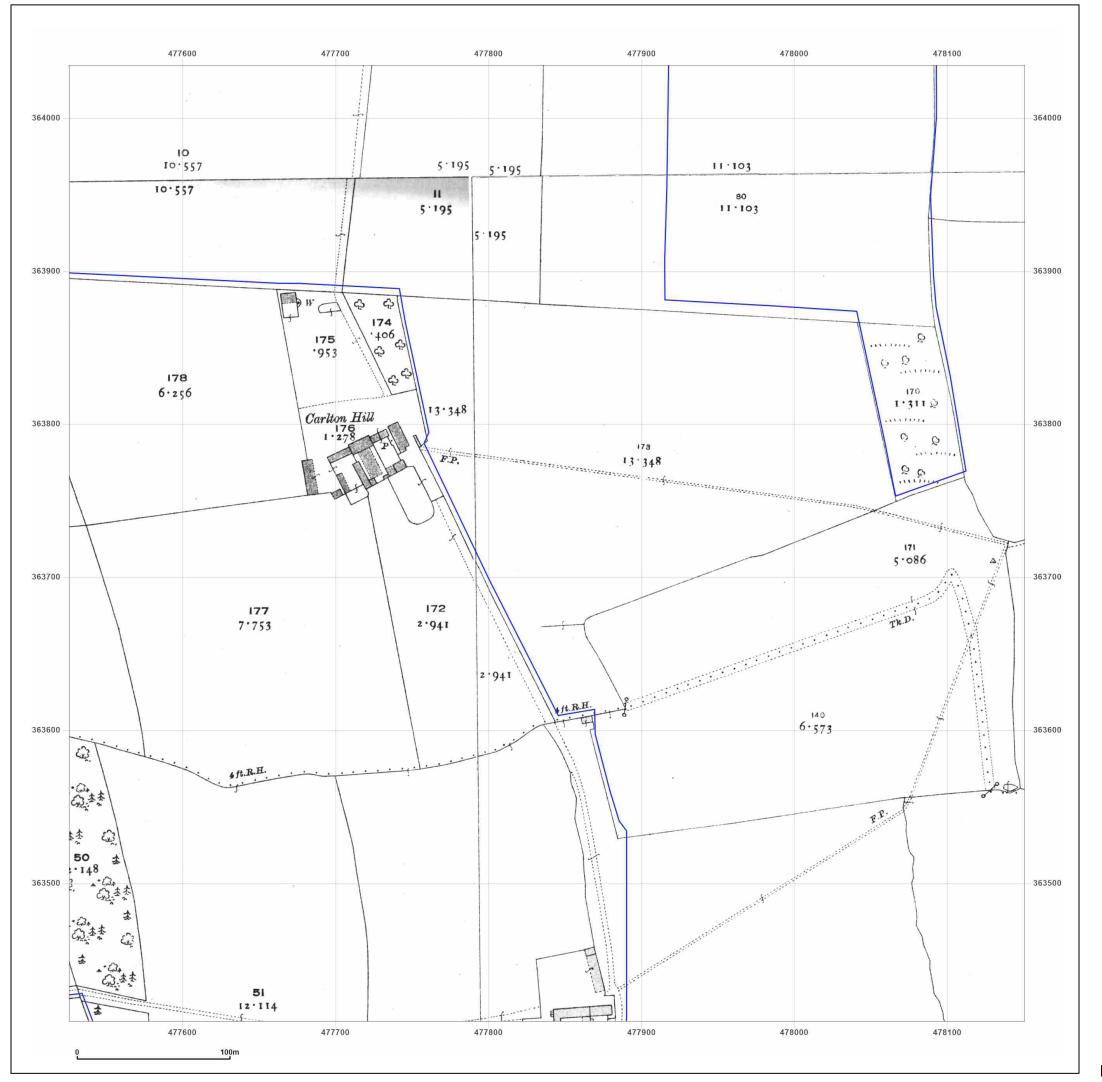




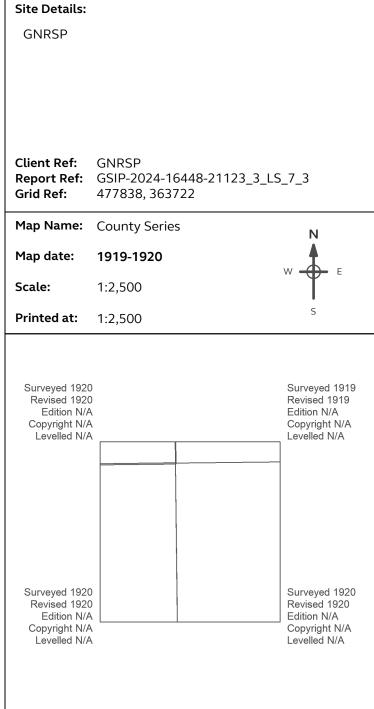


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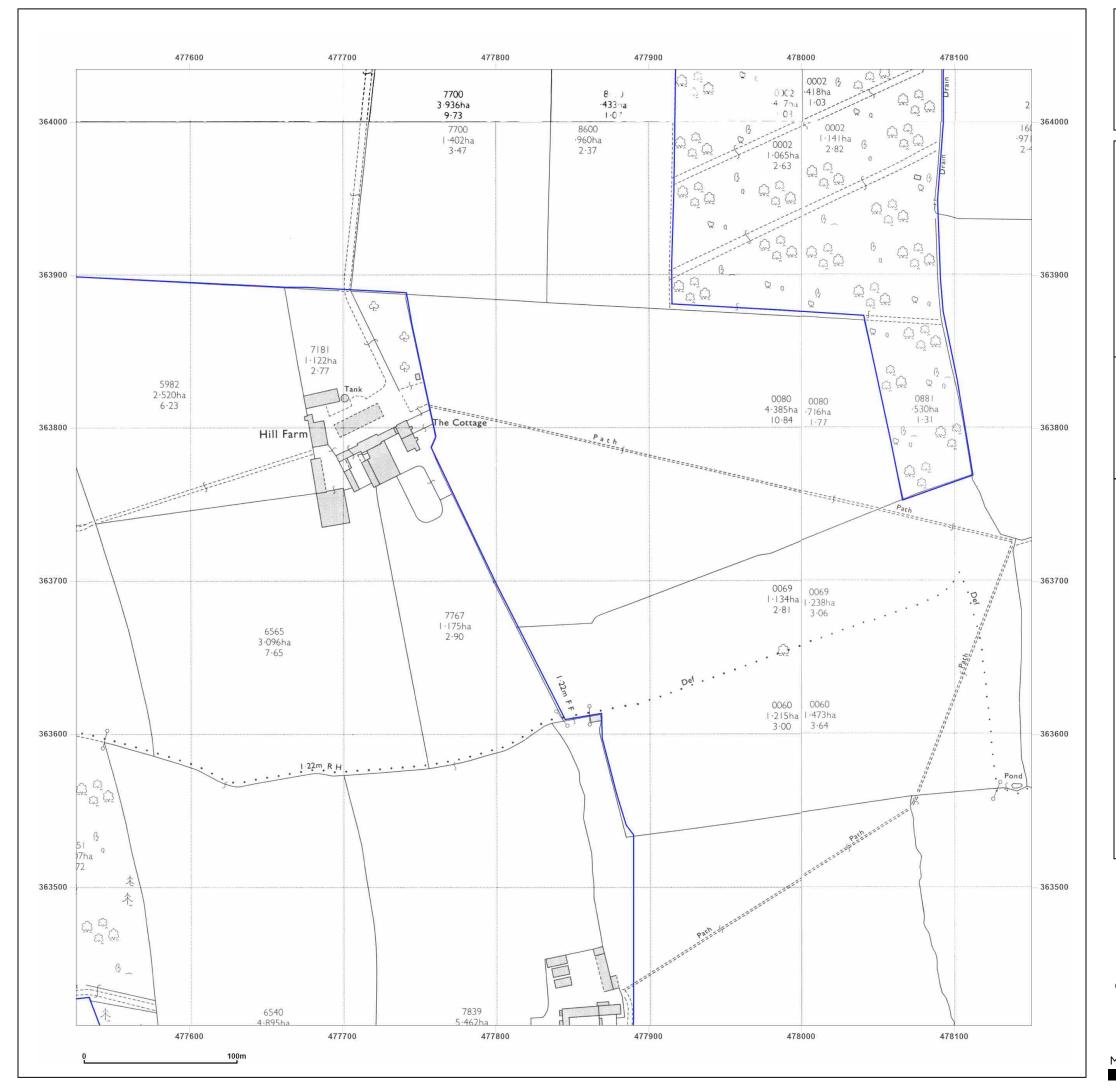




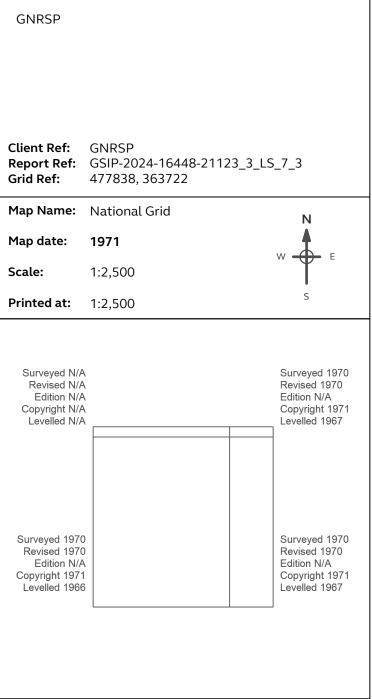


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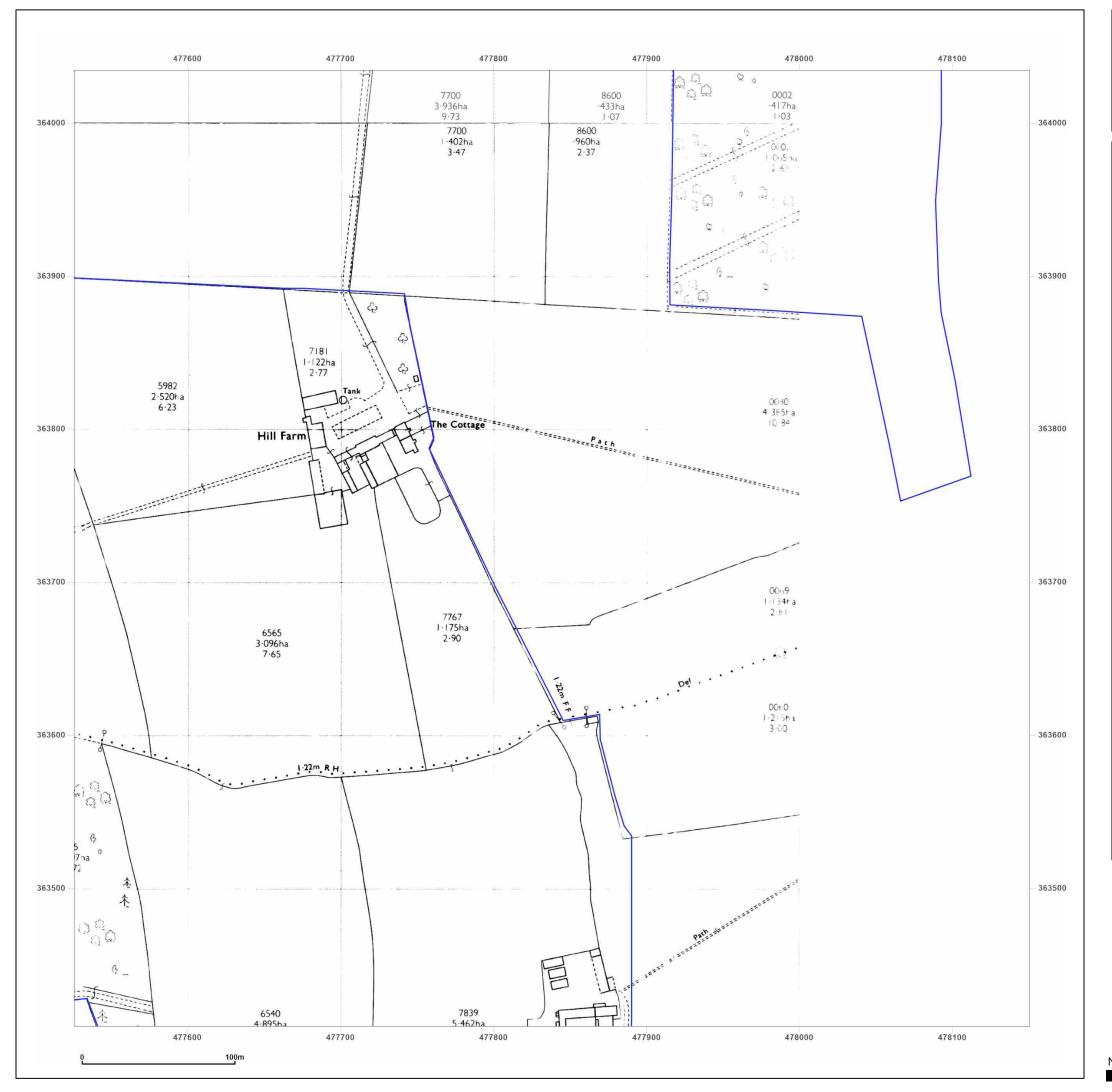




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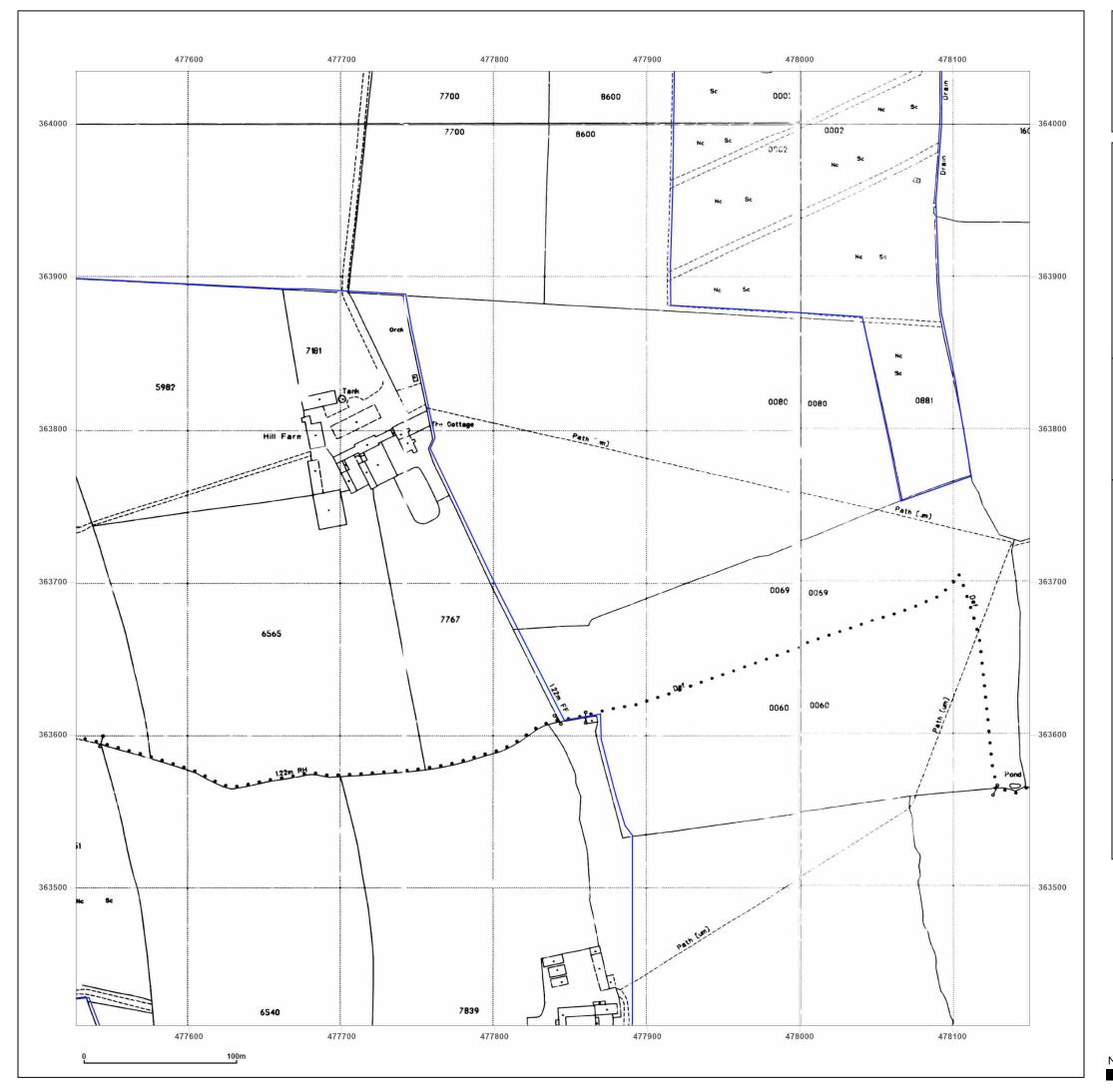


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Map date:	1971
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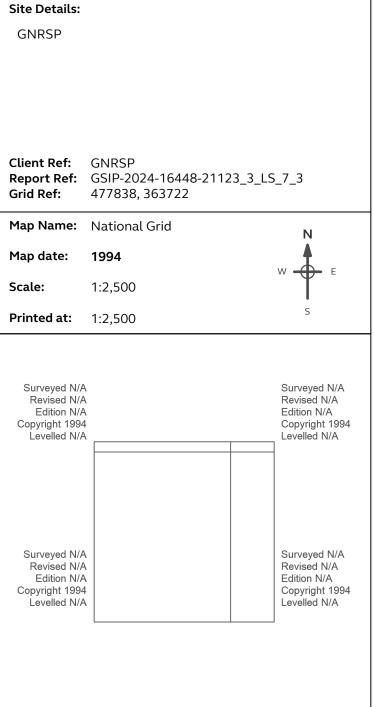


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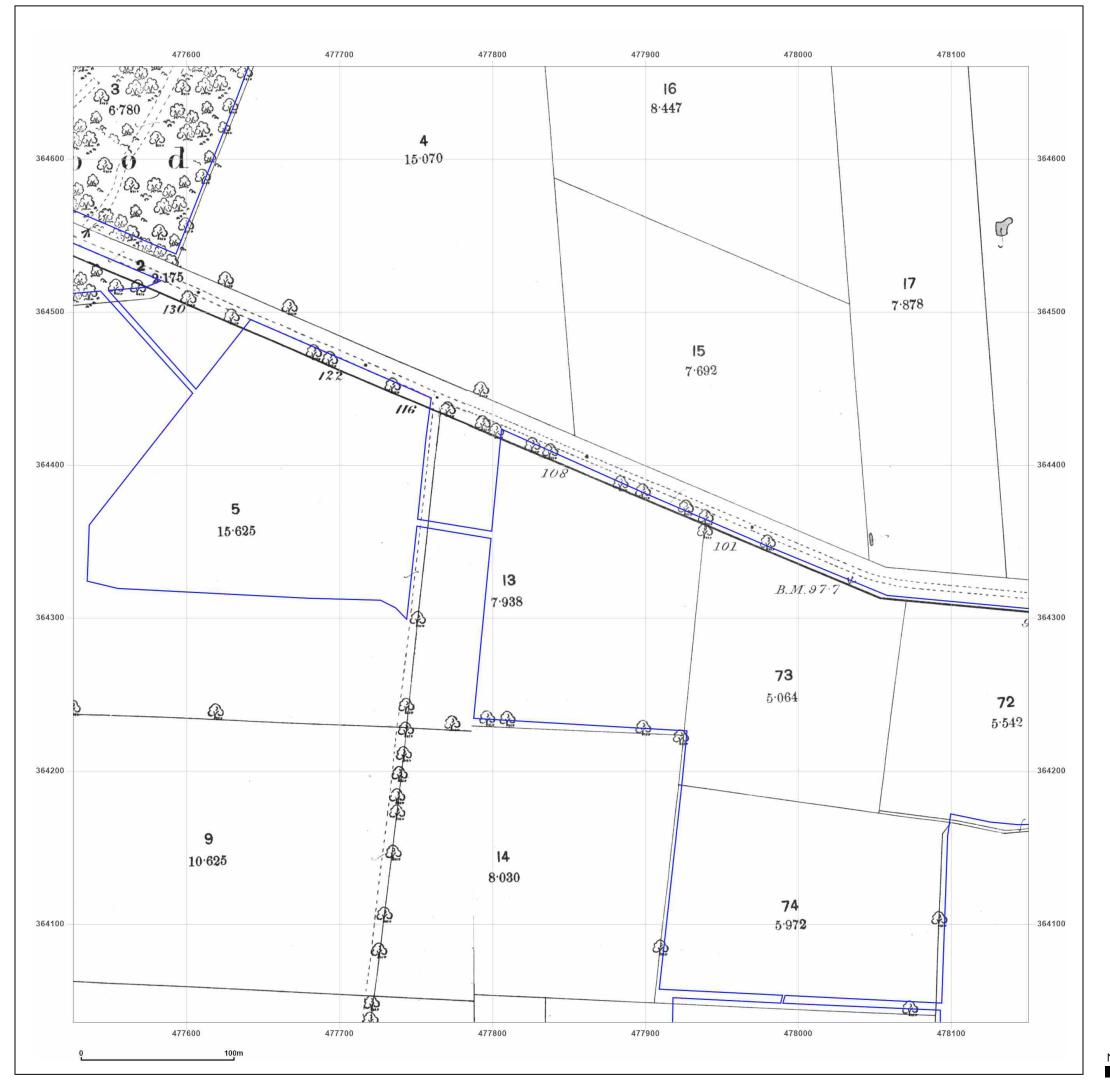




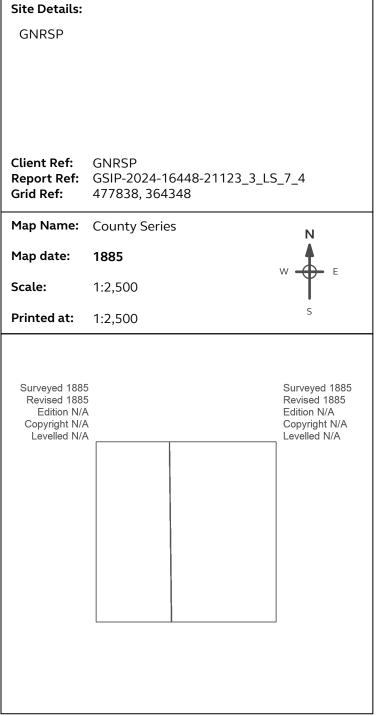


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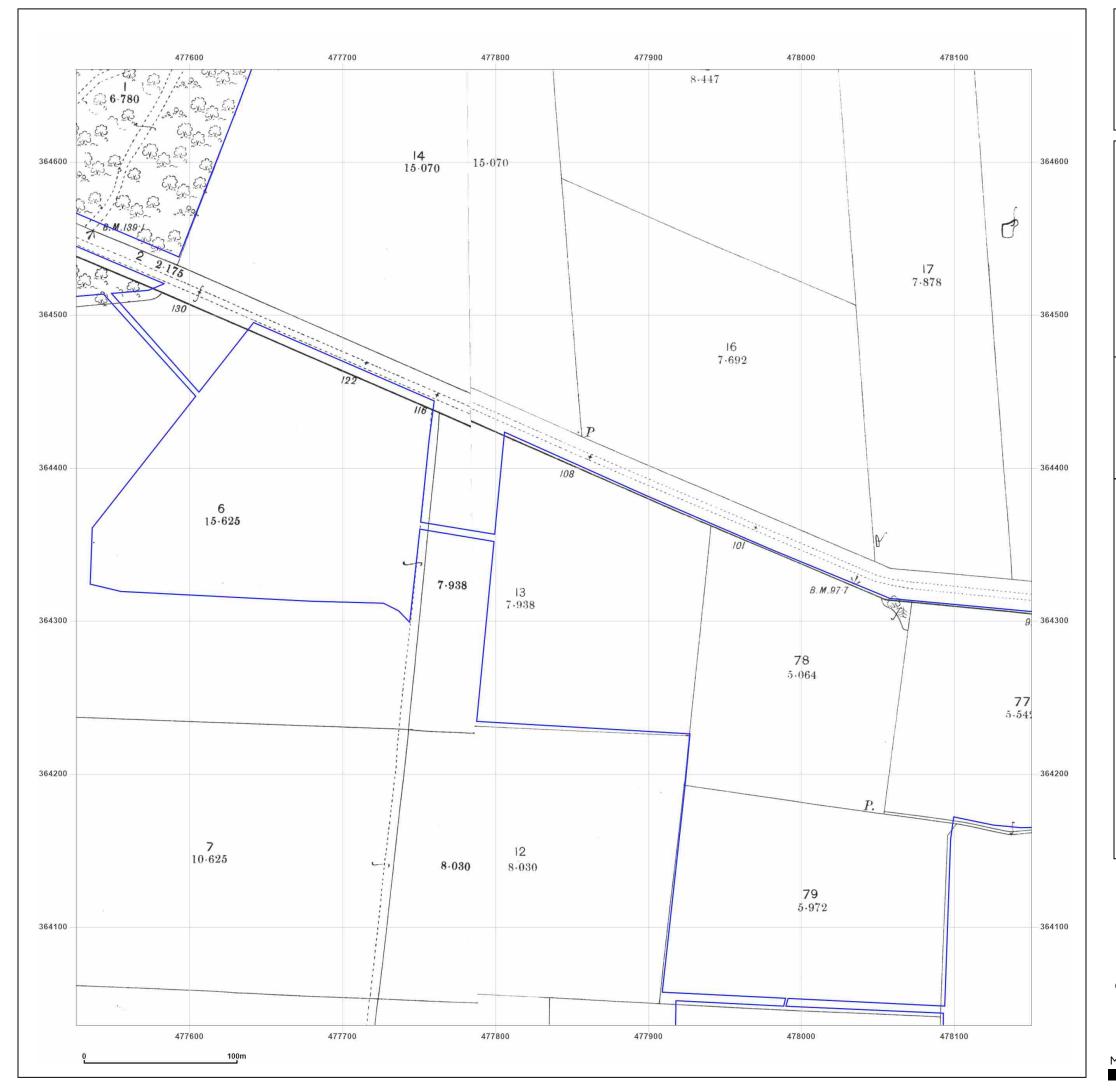






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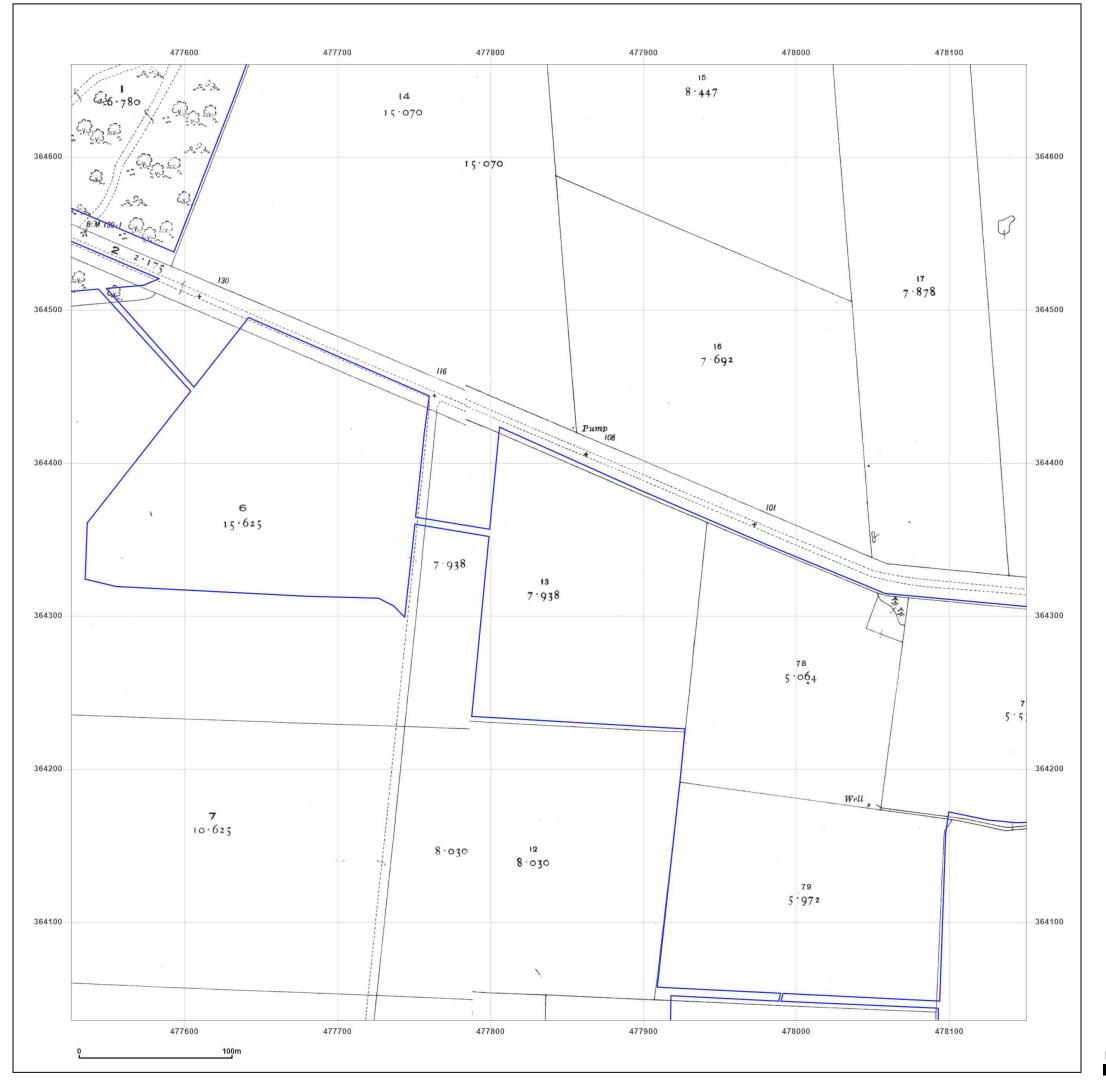


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Map Name:	County Series	N
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Printed at:	1:2,500	S
Surveyed 1900 Revised 1900 Edition N/A Copyright N/A Levelled N/A	)	Surveyed 1900 Revised 1900 Edition N/A Copyright N/A Levelled N/A



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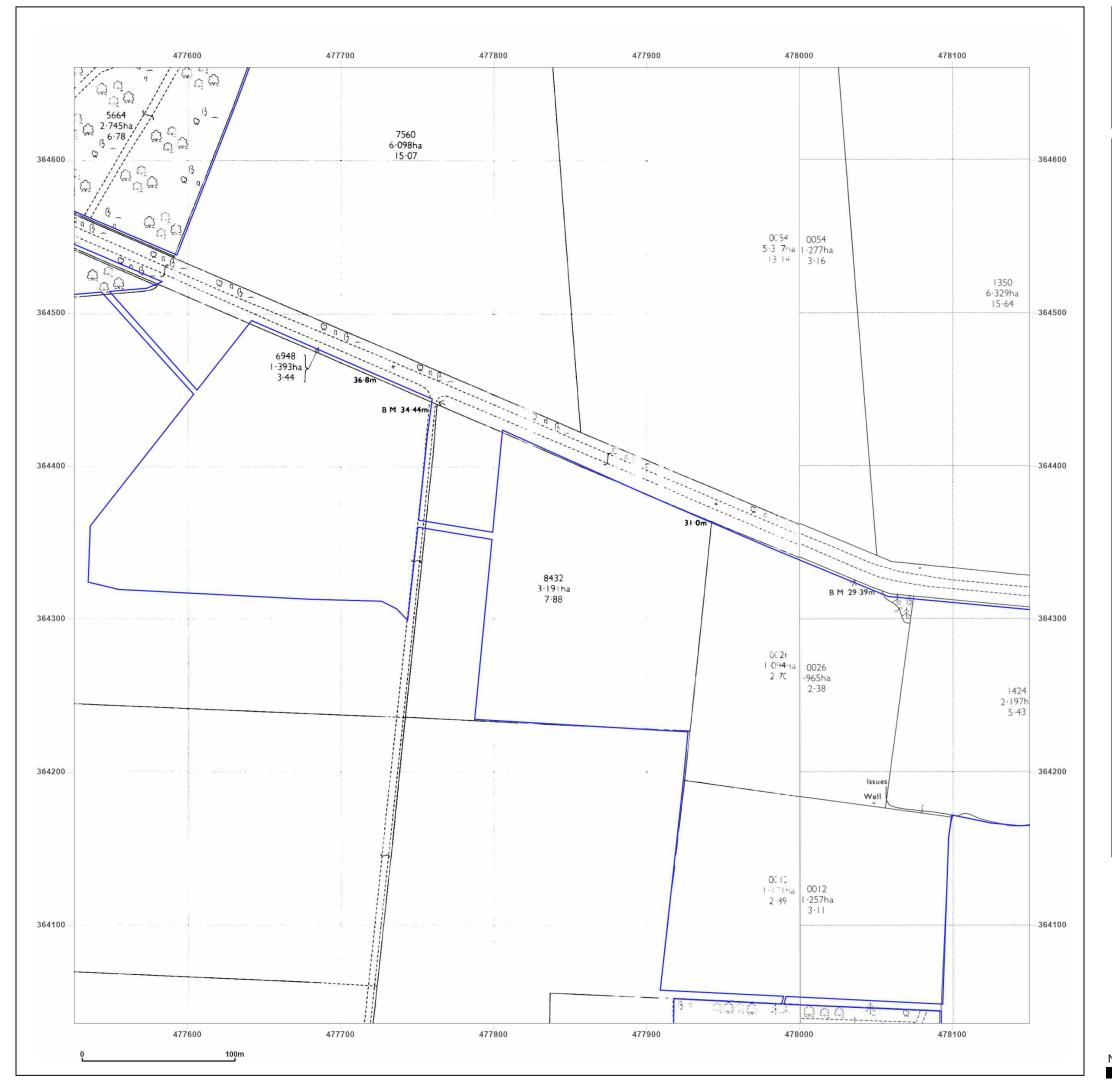


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Grid Ref:	477838, 364348	
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Map date:	1919-1920	<b>A</b>
Scale:	1.2 500	W F
Scale.	1:2,500	l
Printed at:	1:2,500	S
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Edition N/A Copyright N/A	A	Edition N/A Copyright N/A
Levelled N/		Levelled N/A



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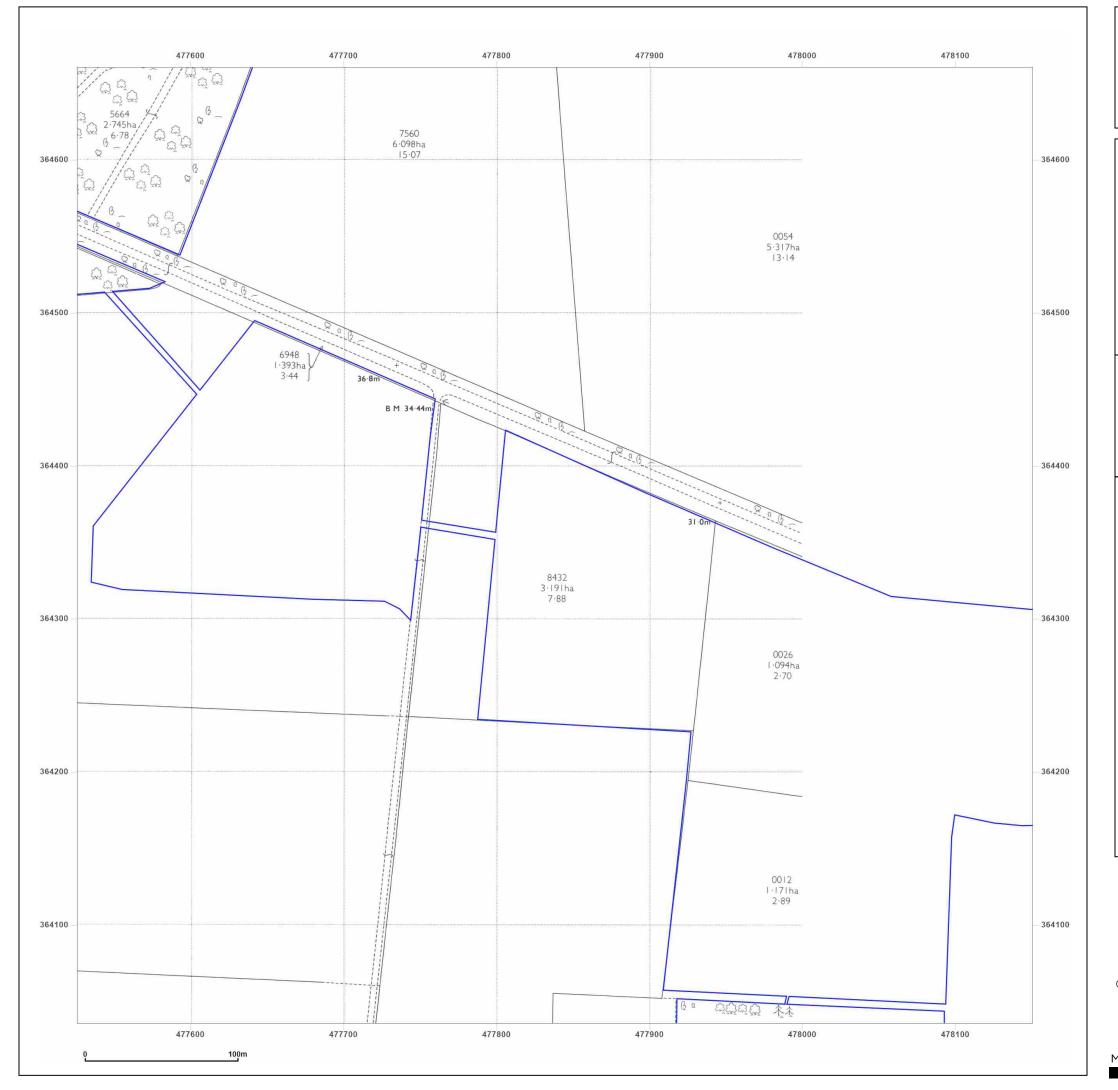


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Map date:	1971		W F
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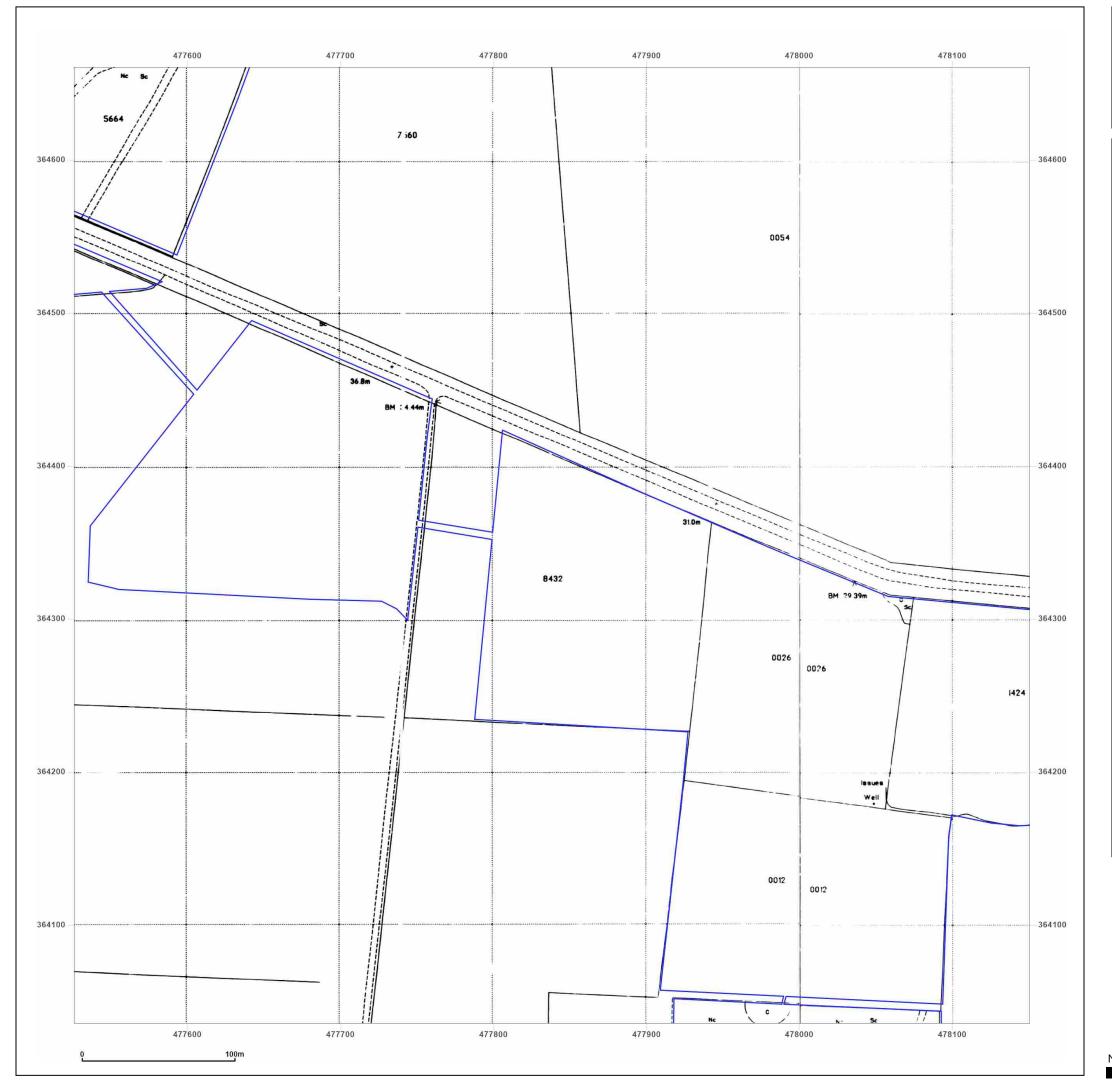


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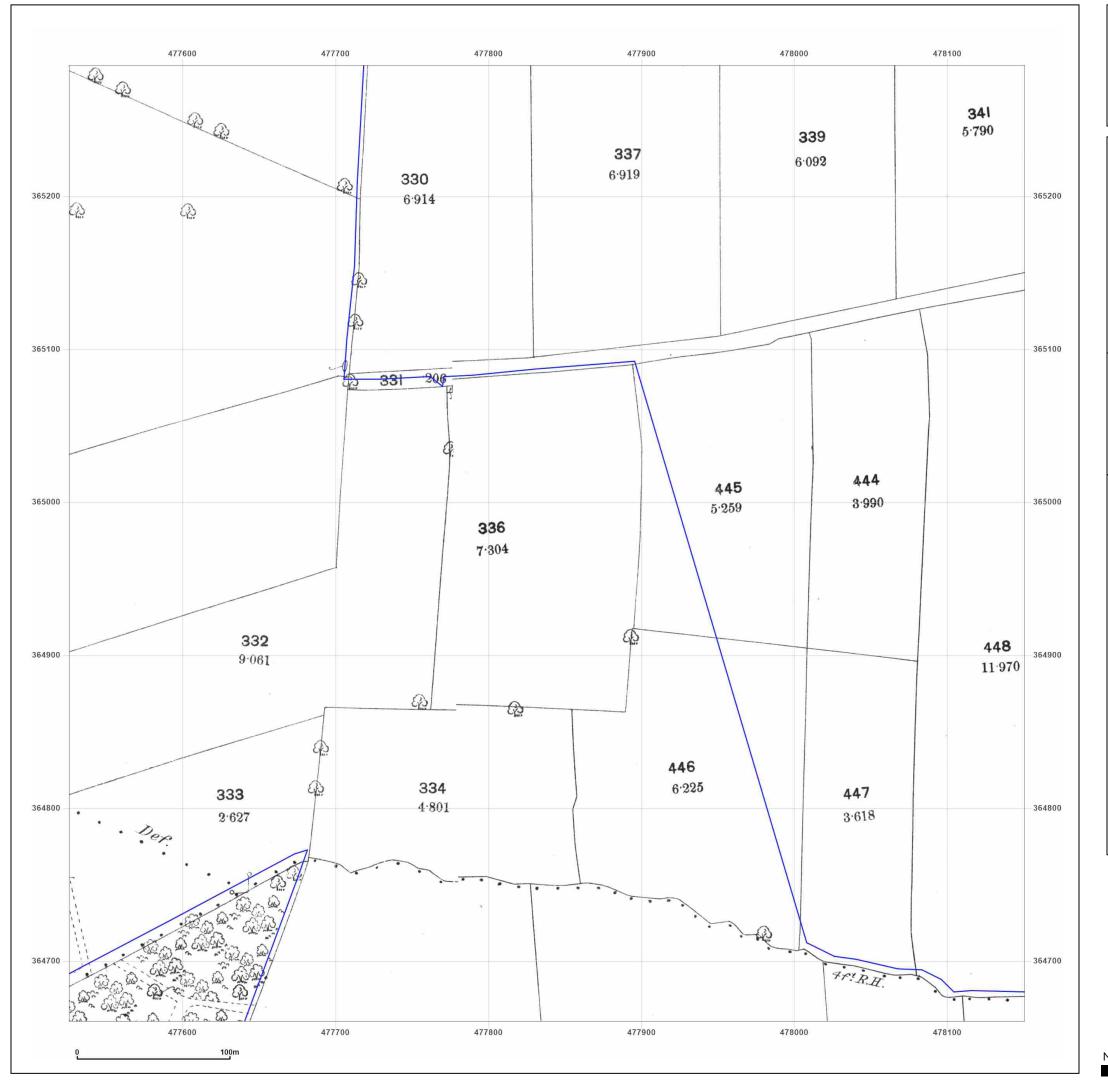


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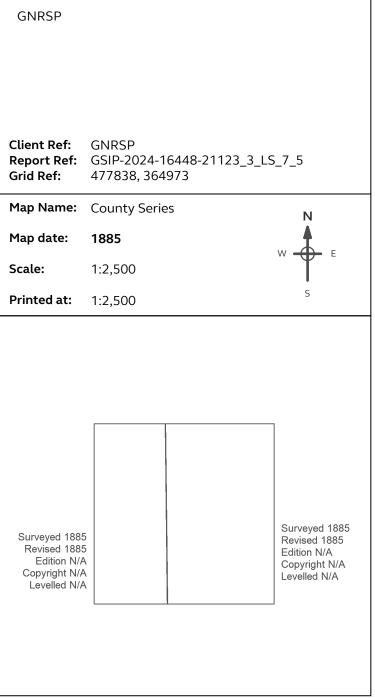


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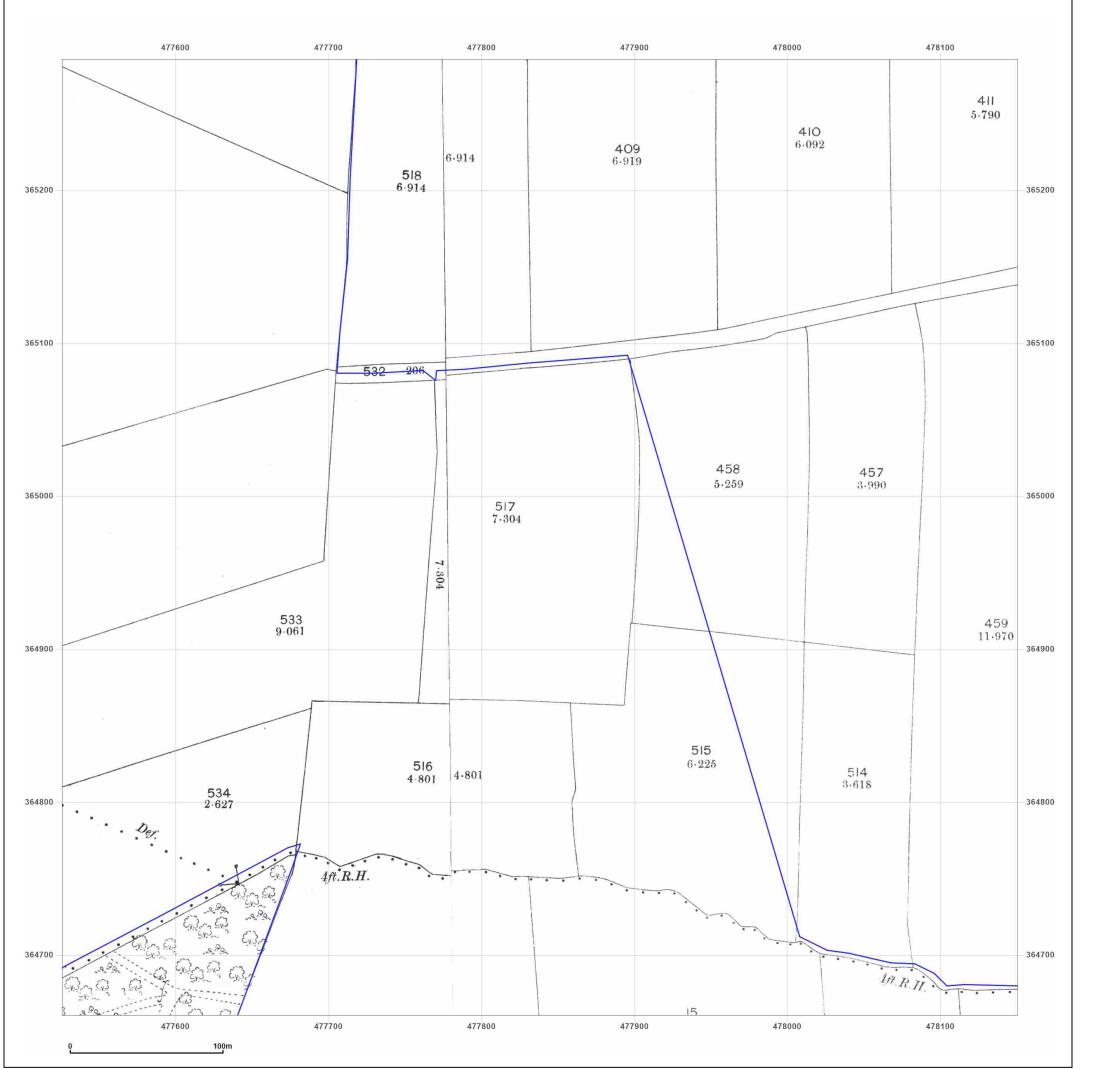




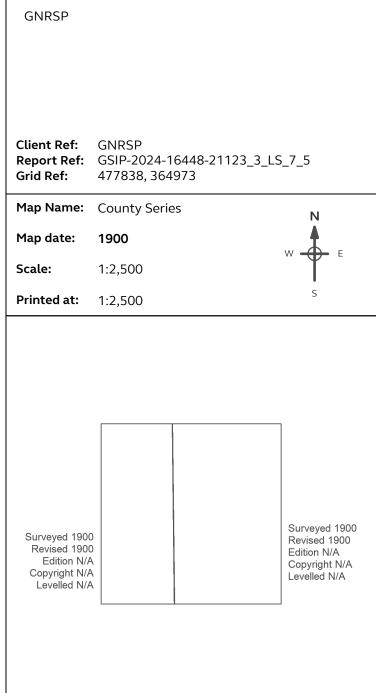
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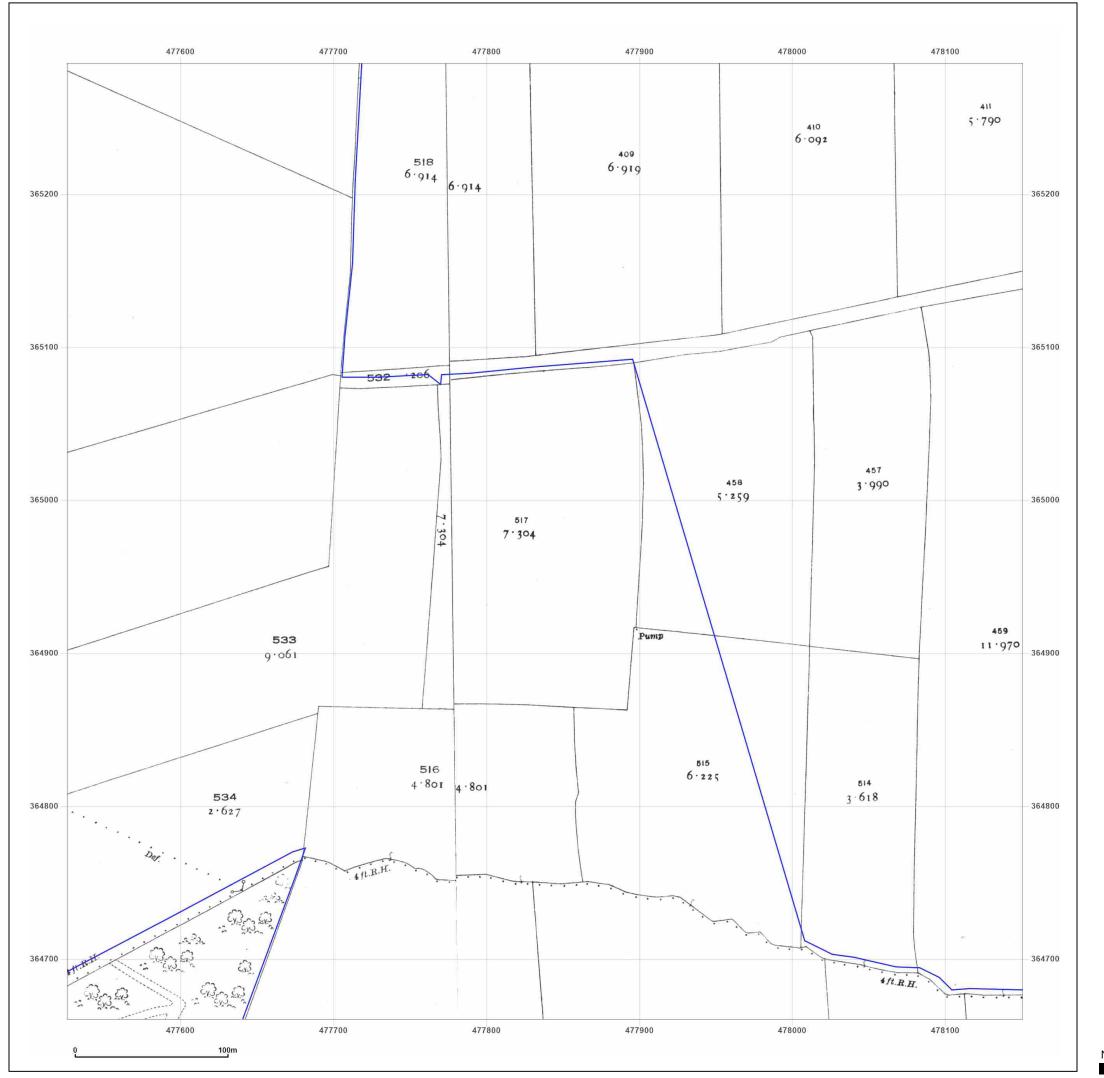




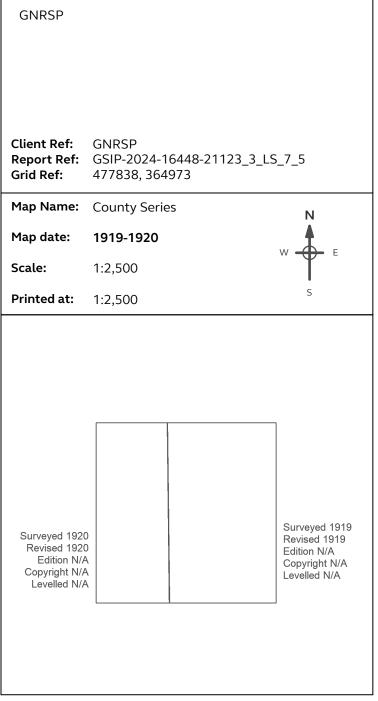
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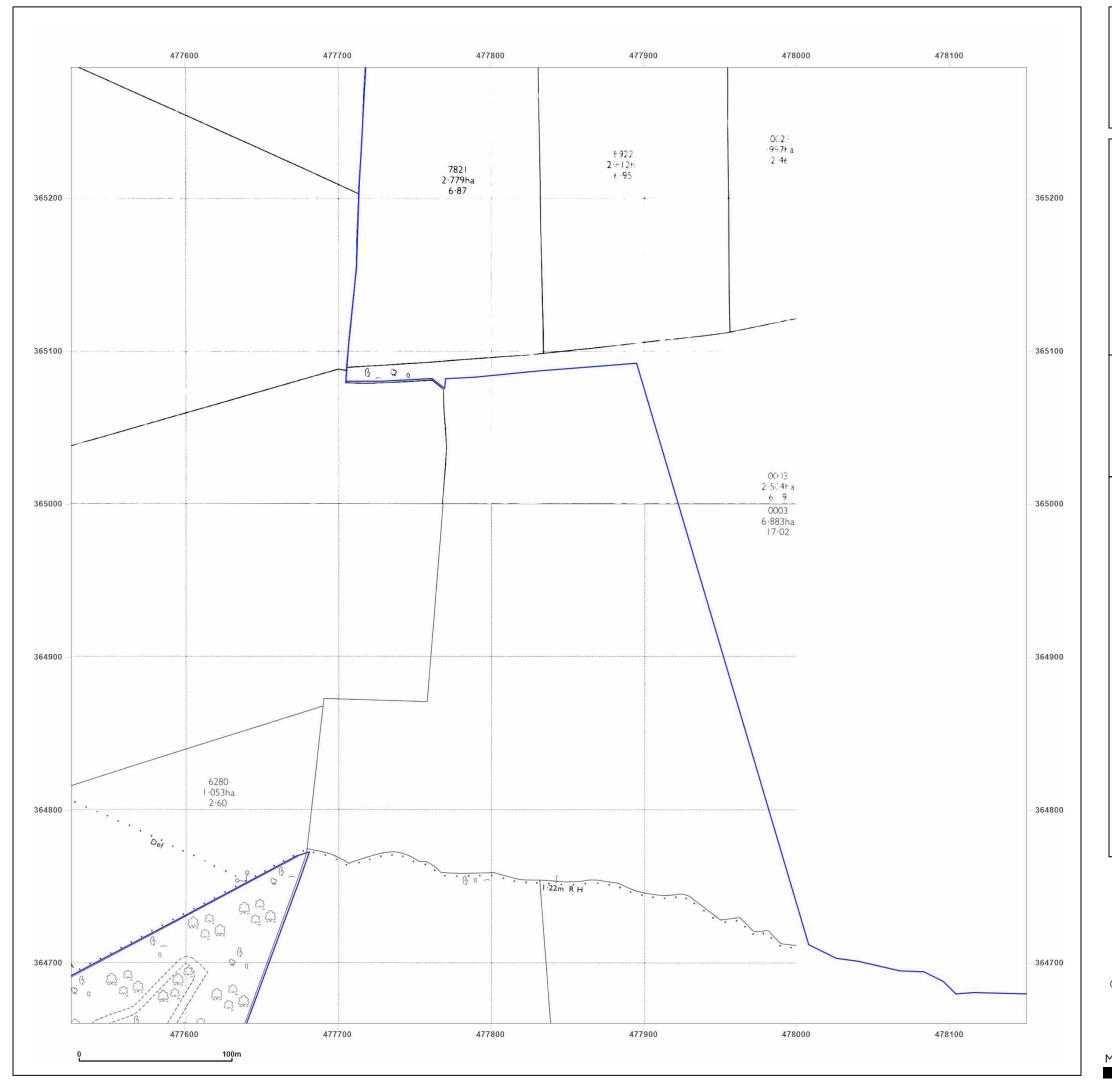




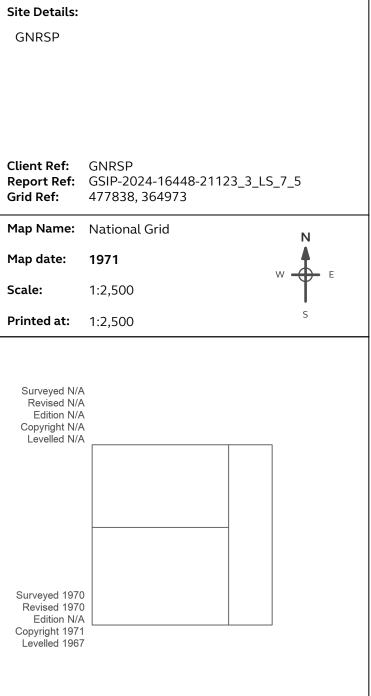
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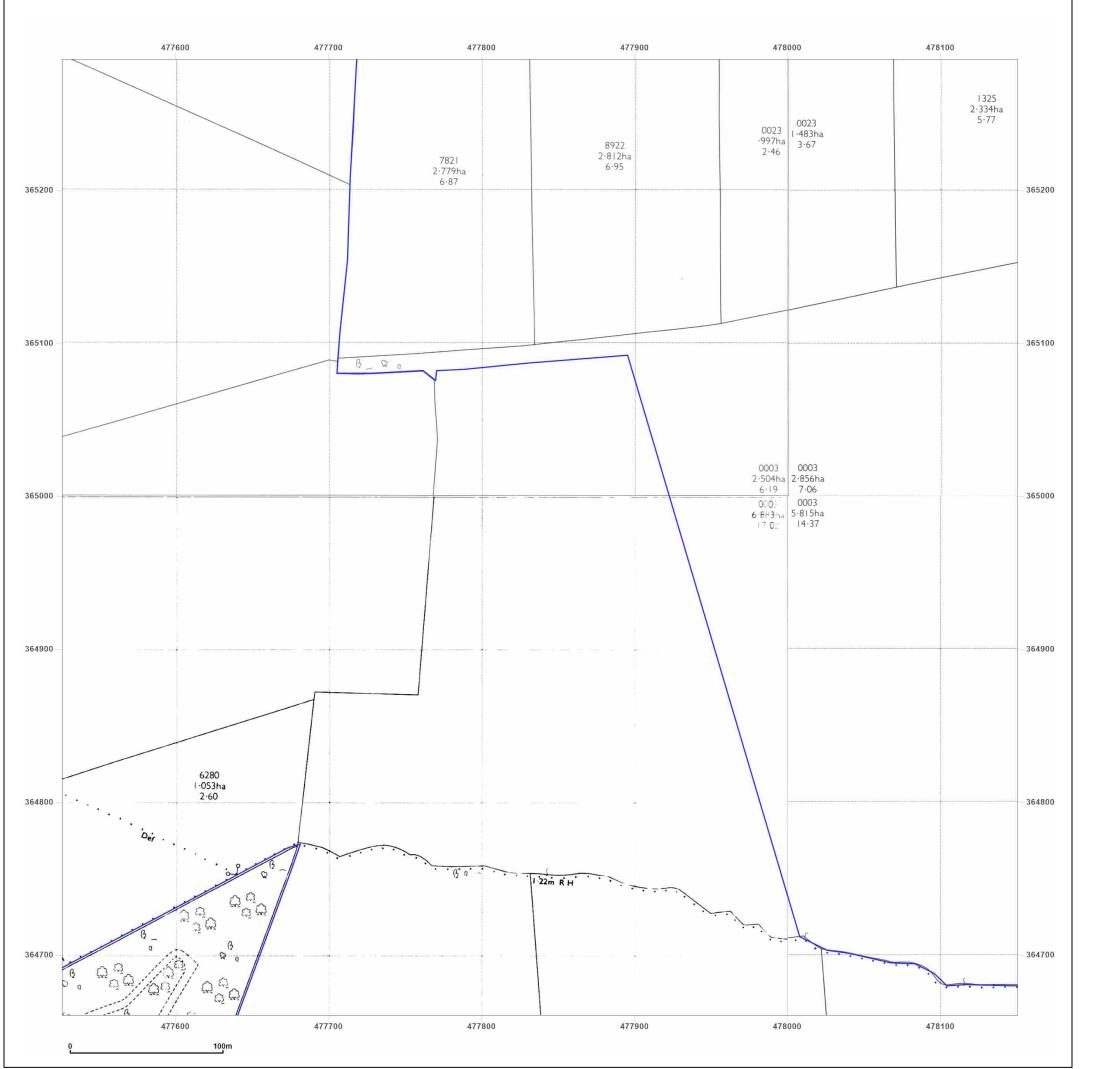






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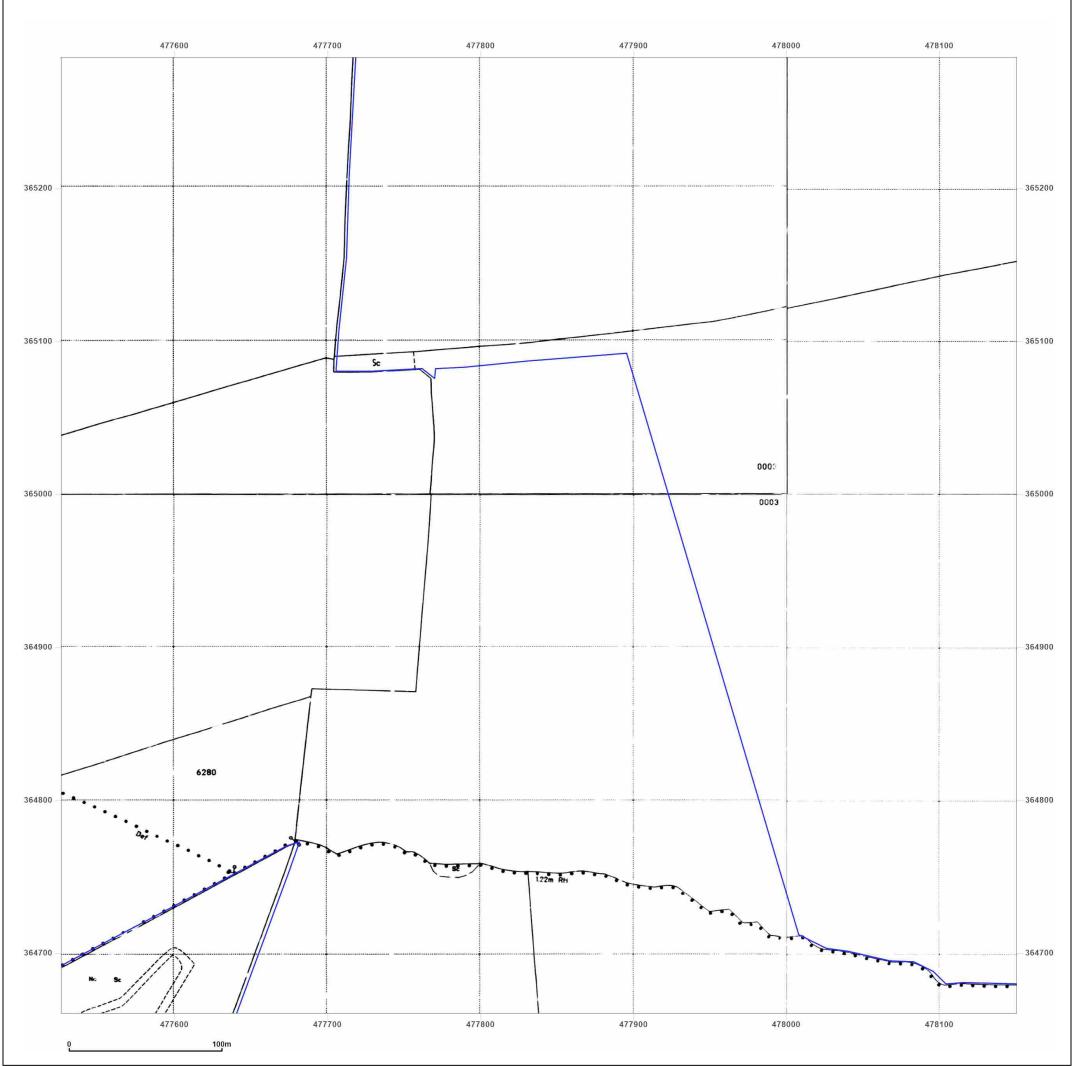
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Map Name:	National Grid	N
Map date:	1971-1972	W E
Scale:	1:2,500	¥ -
Printed at:	1:2,500	S
Surveyed 1970 Revised 1970 Edition N// Copyright 1970 Levelled 1960	) A I	Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1966
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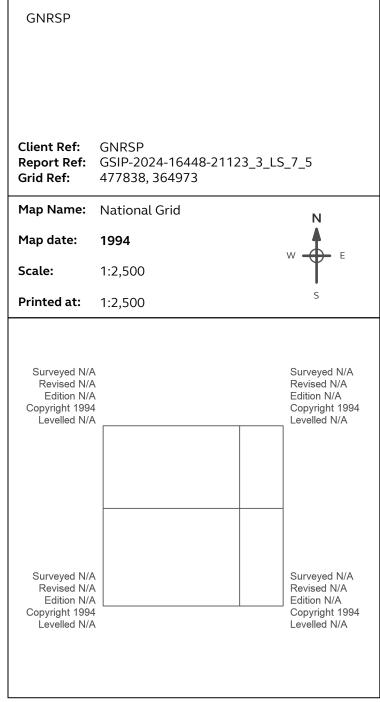
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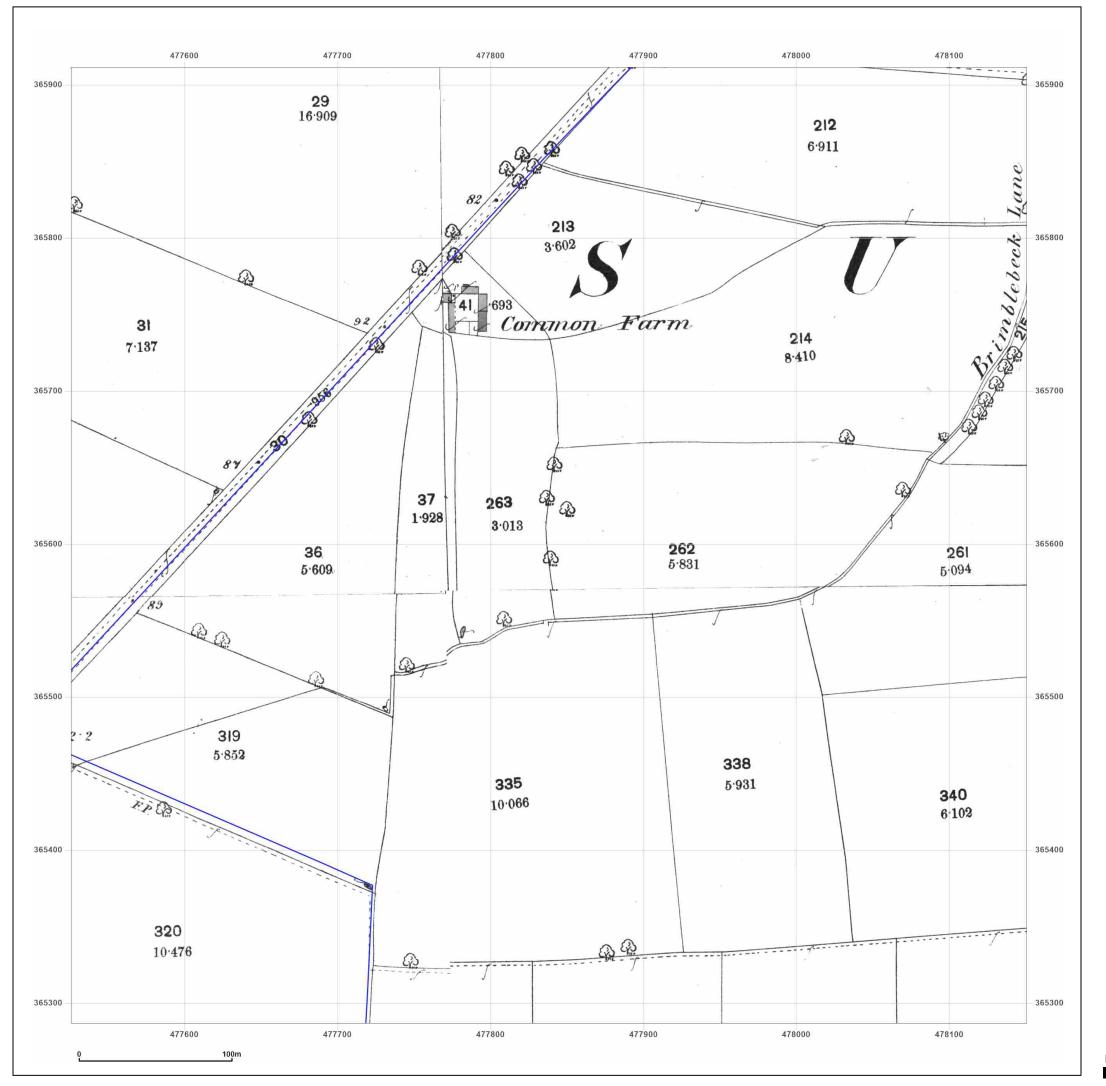




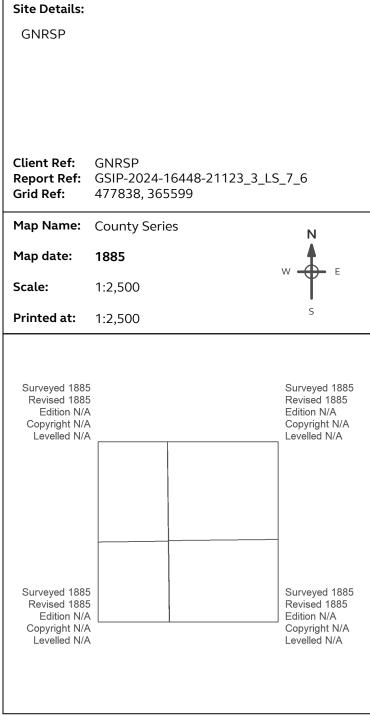
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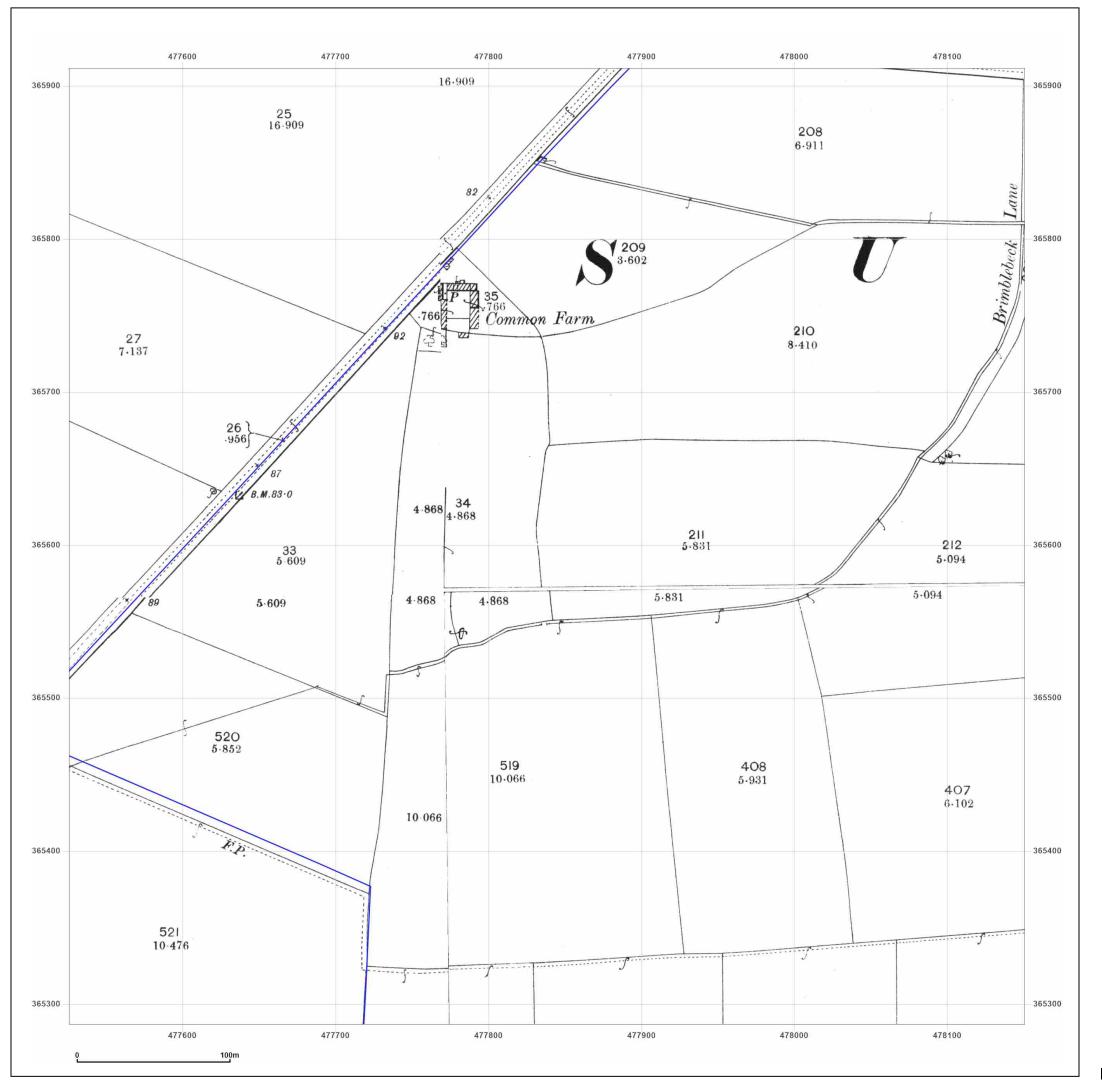




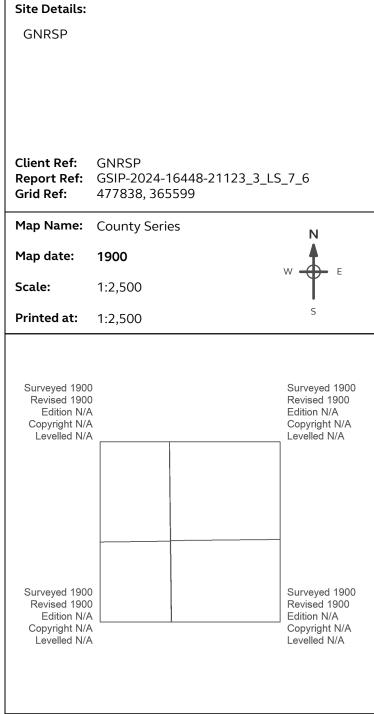


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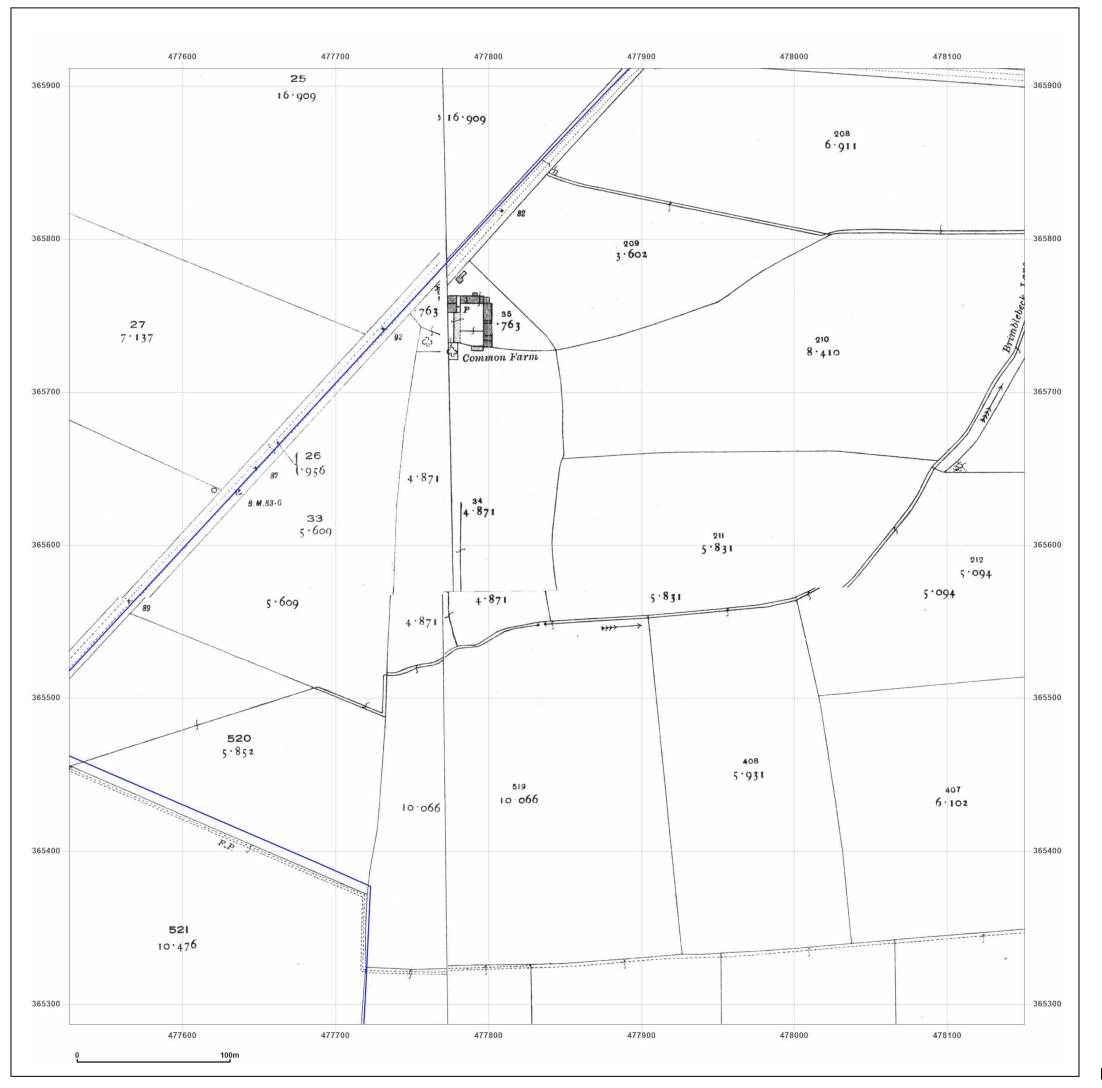




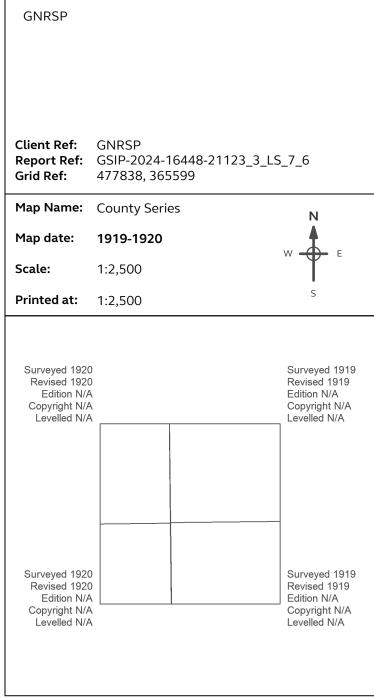


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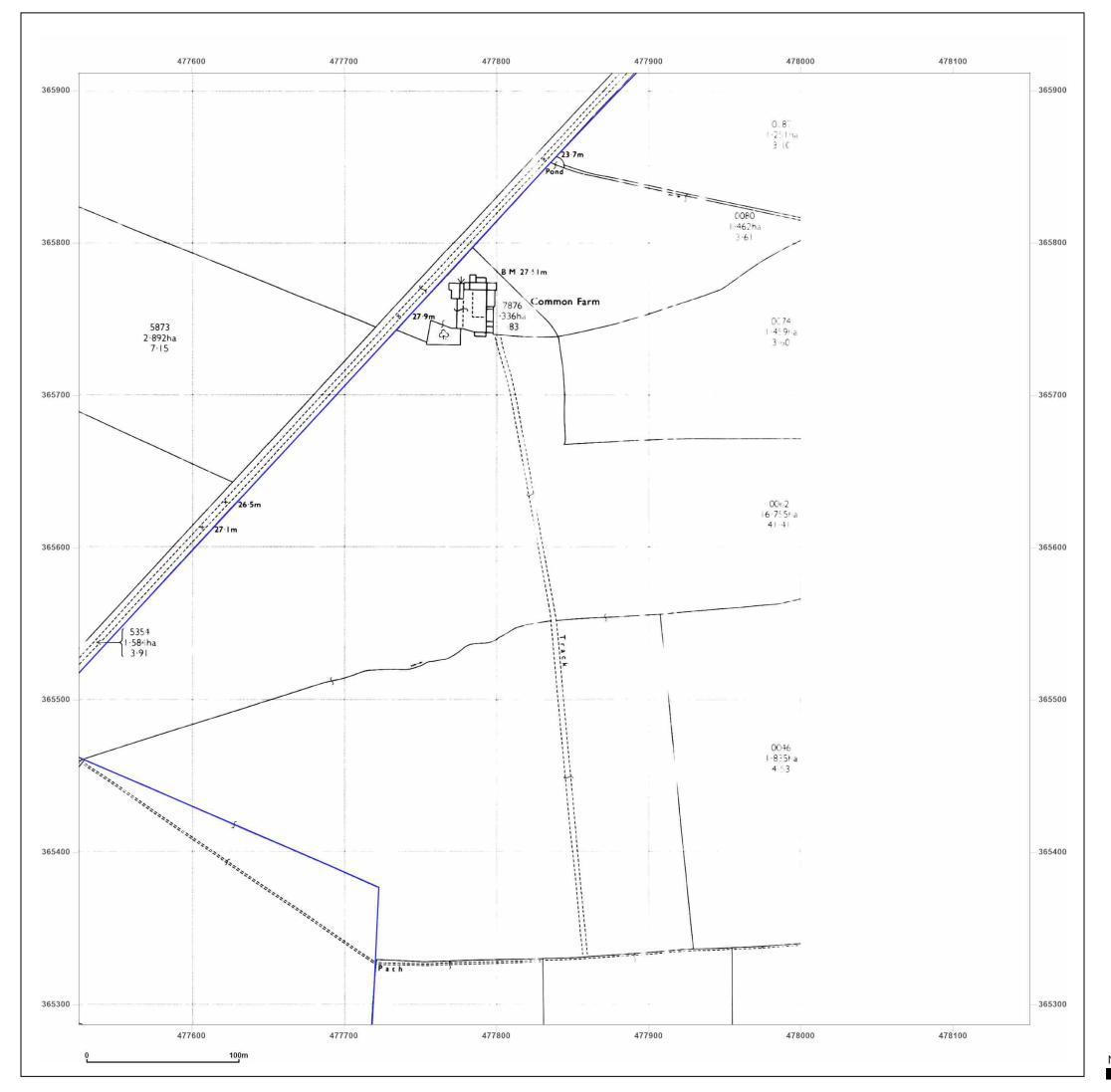




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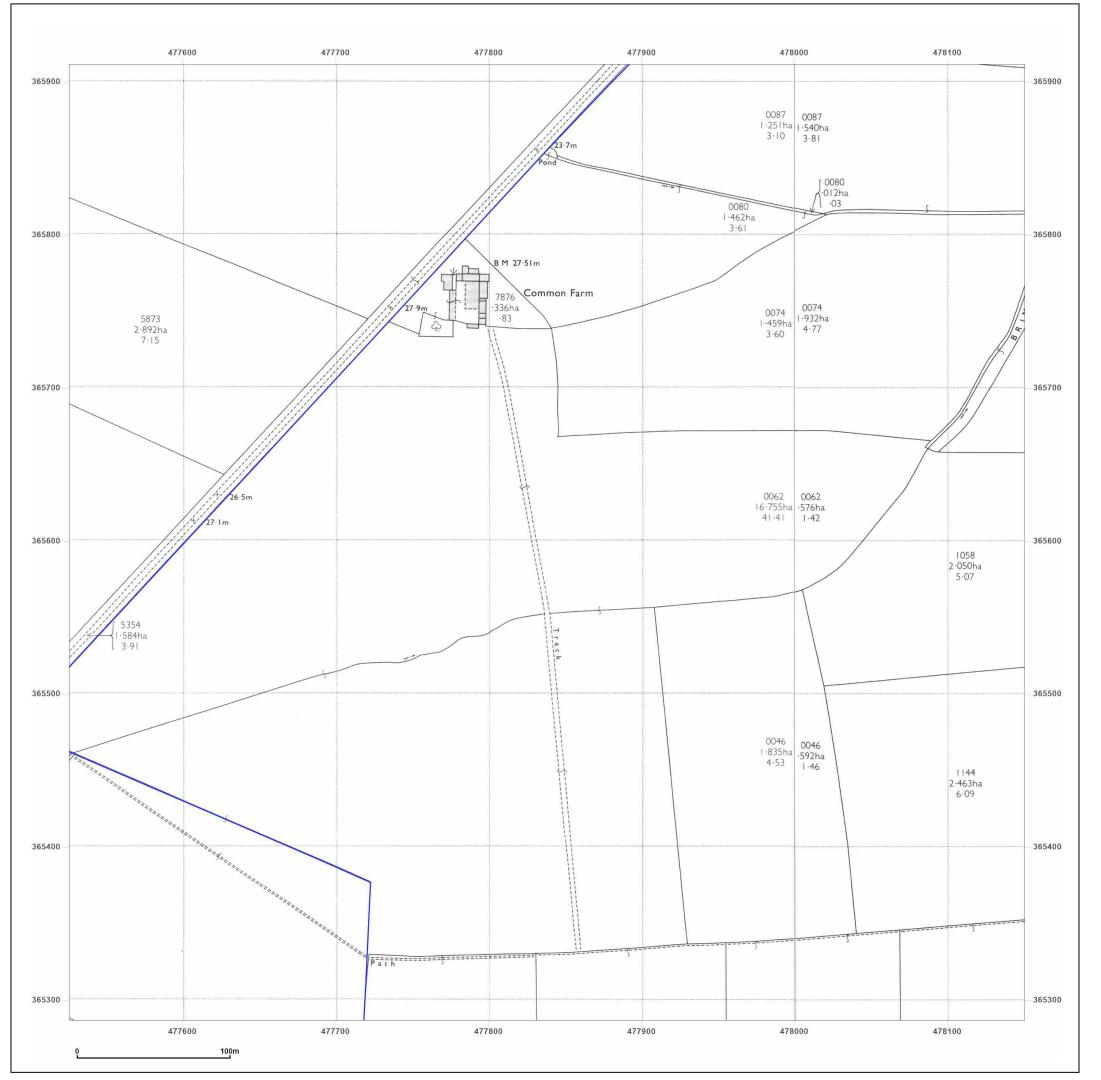


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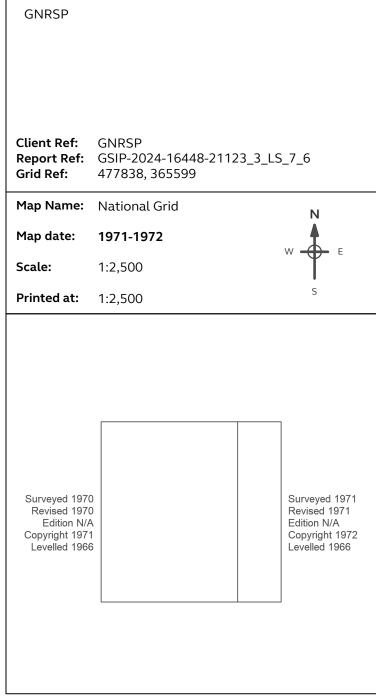


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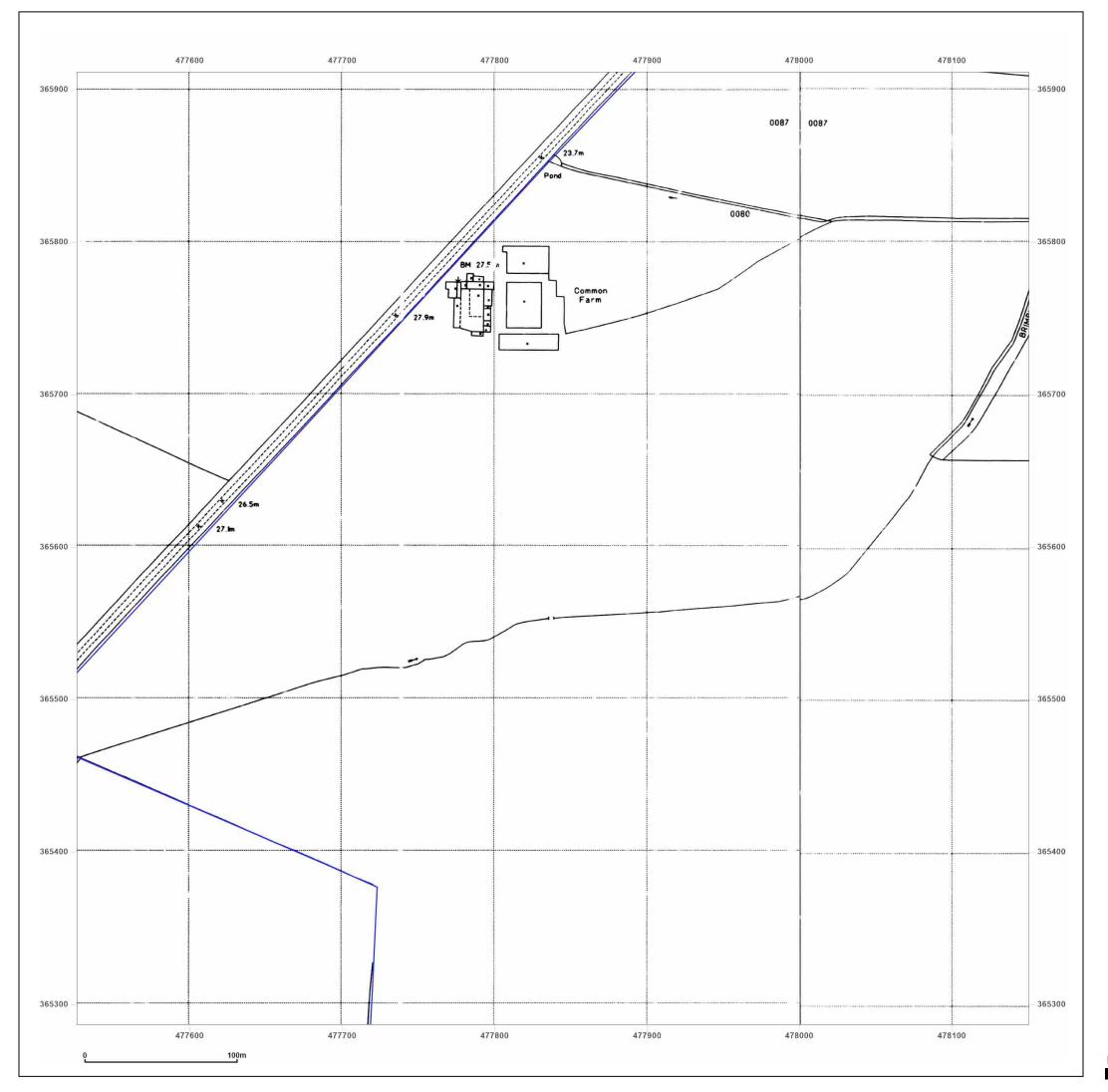




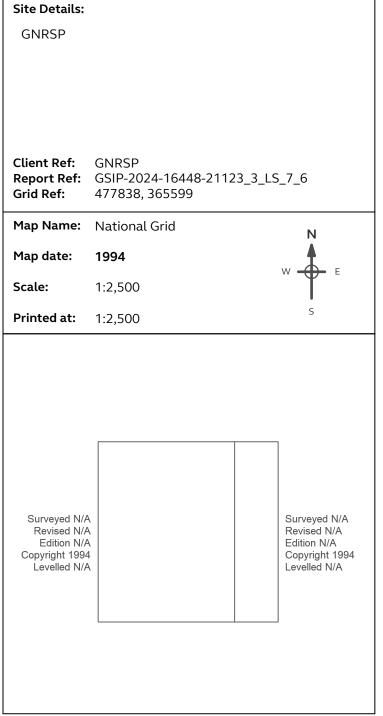
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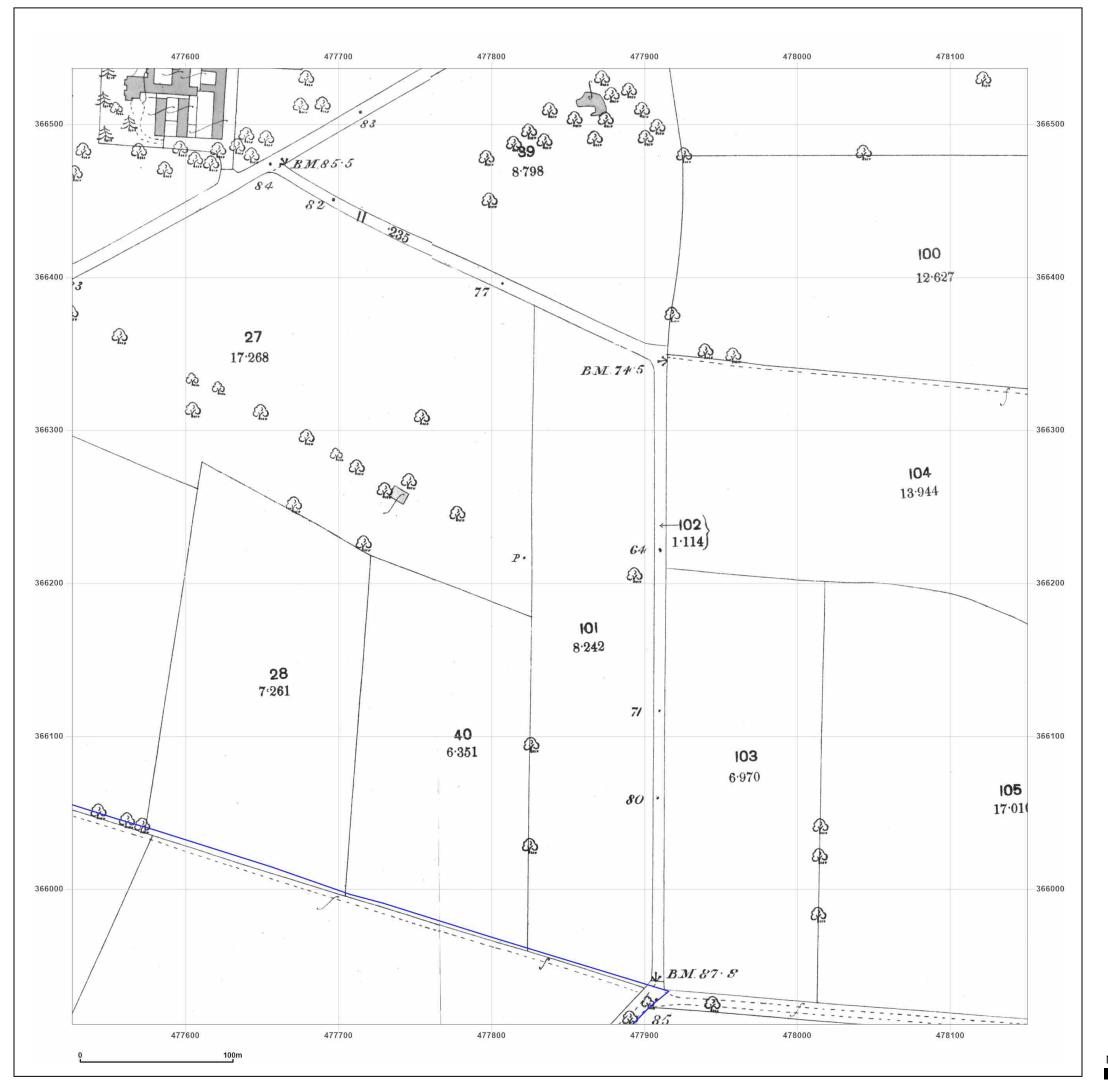






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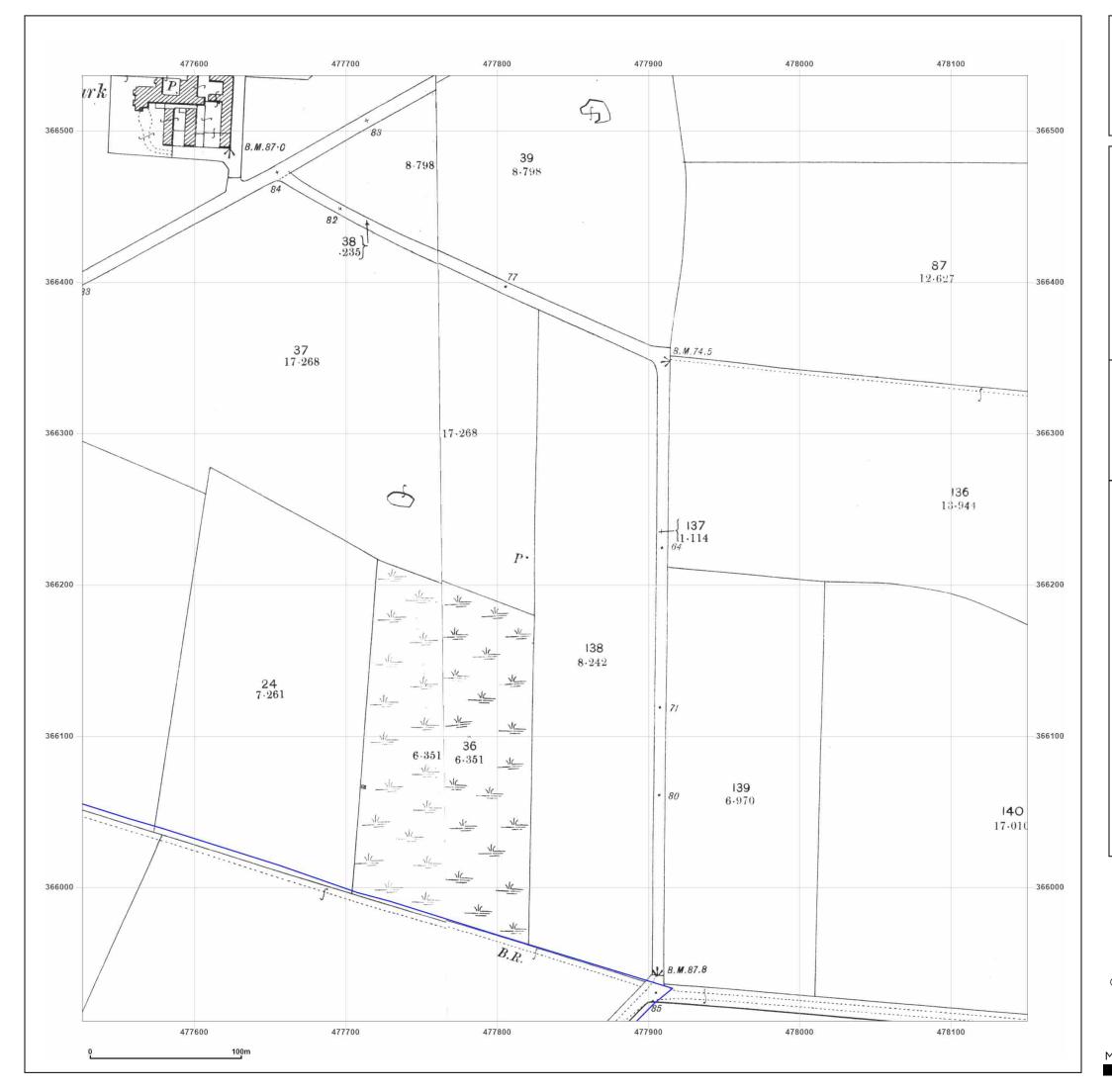


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Surveyed 1885 Revised 1885 Edition N/A Copyright N/A Levelled N/A		Surveyed 1885 Revised 1885 Edition N/A Copyright N/A Levelled N/A



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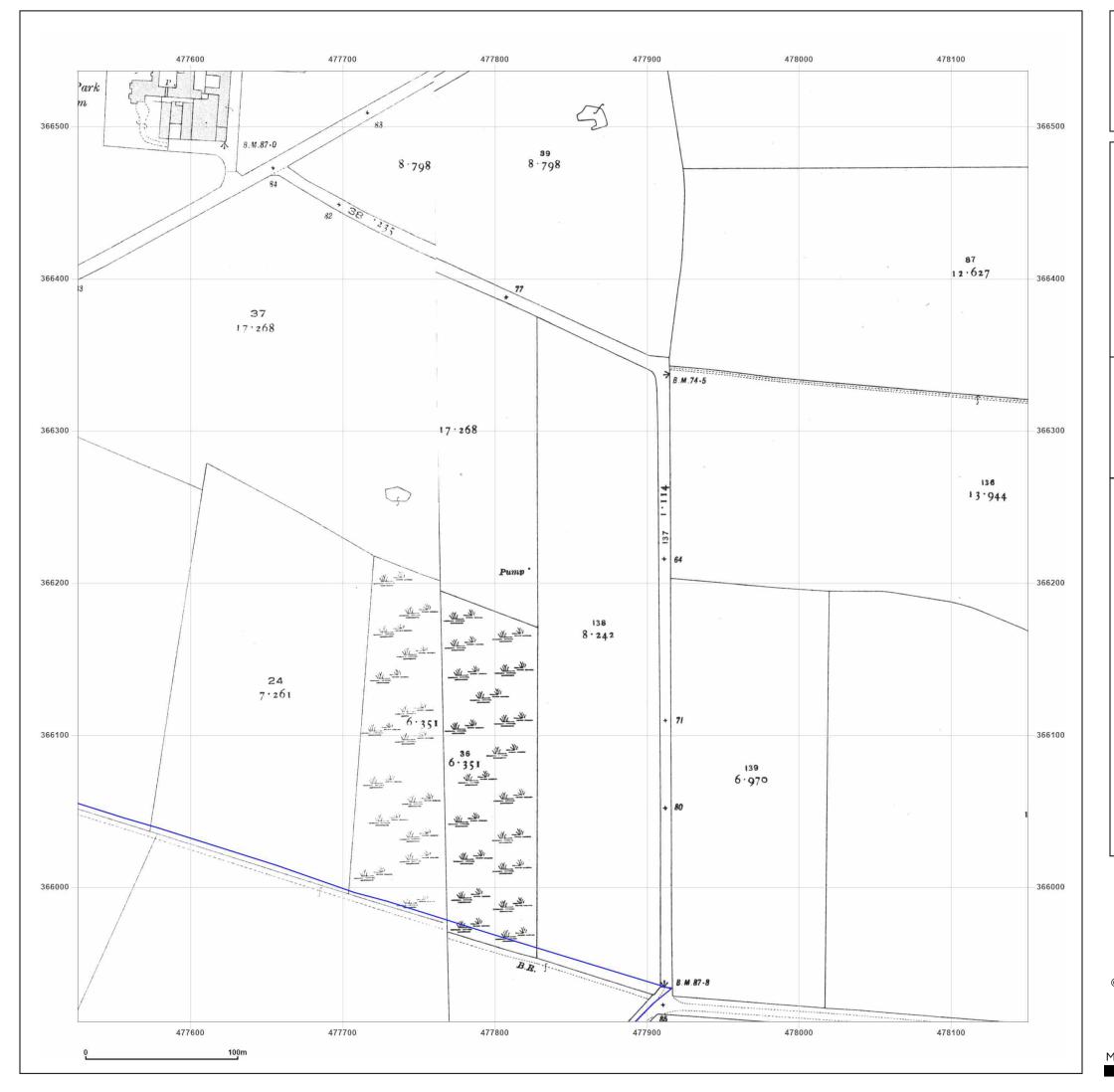


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Printed at:	1:2,500	S
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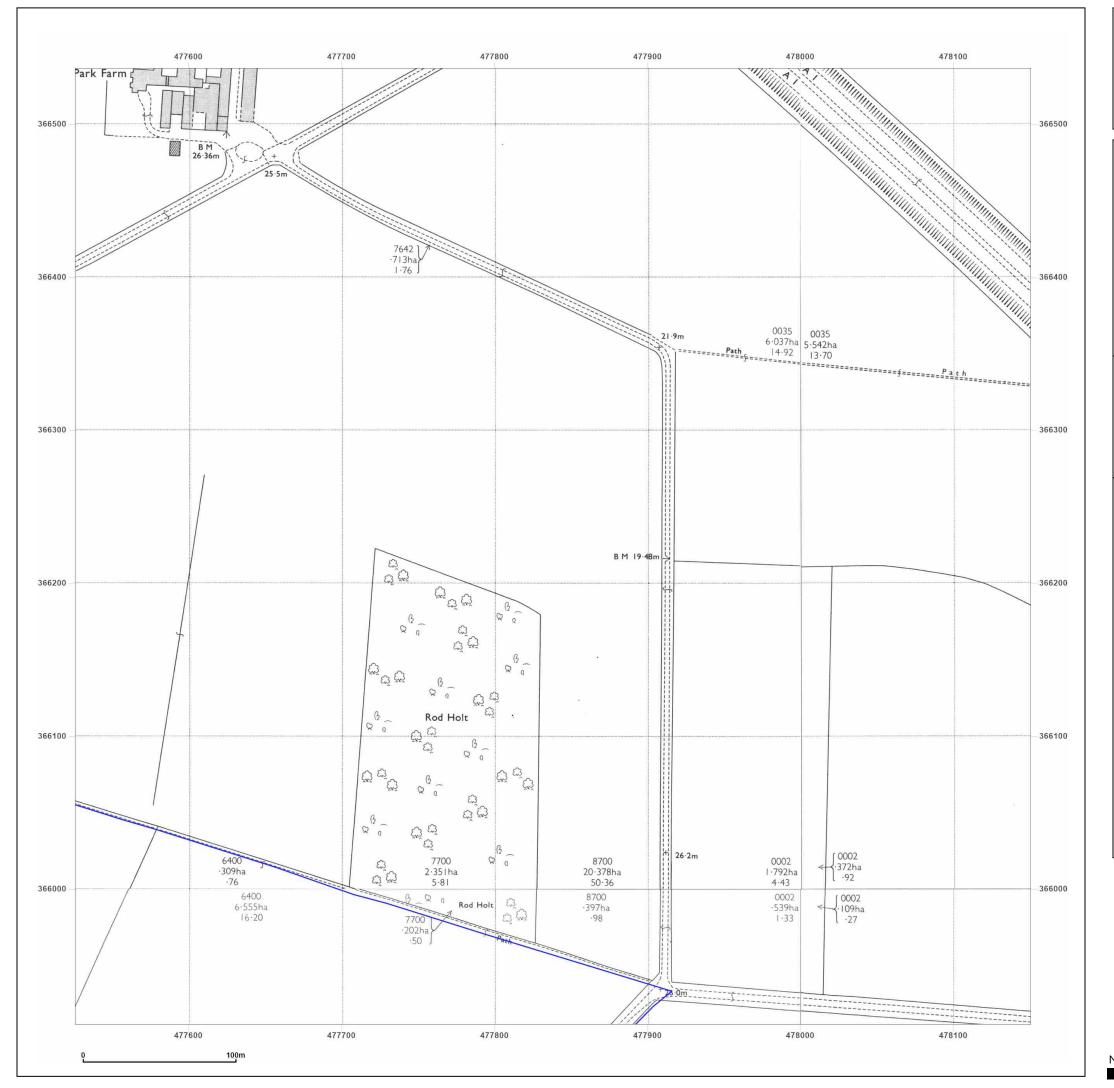


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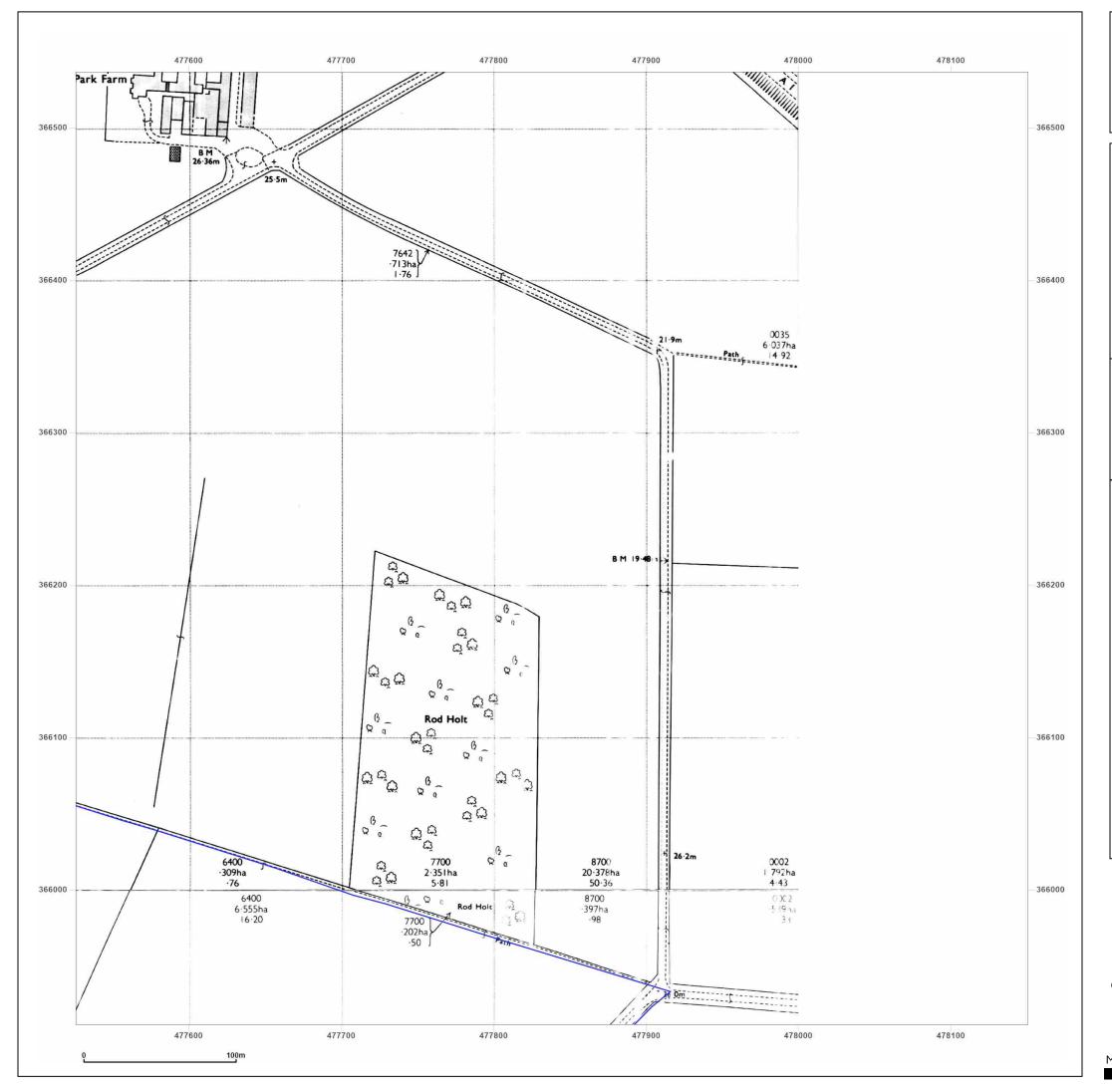
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Map date:	1971-1972	W F
Scale:	1:2,500	Ť
Printed at:	1:2,500	S
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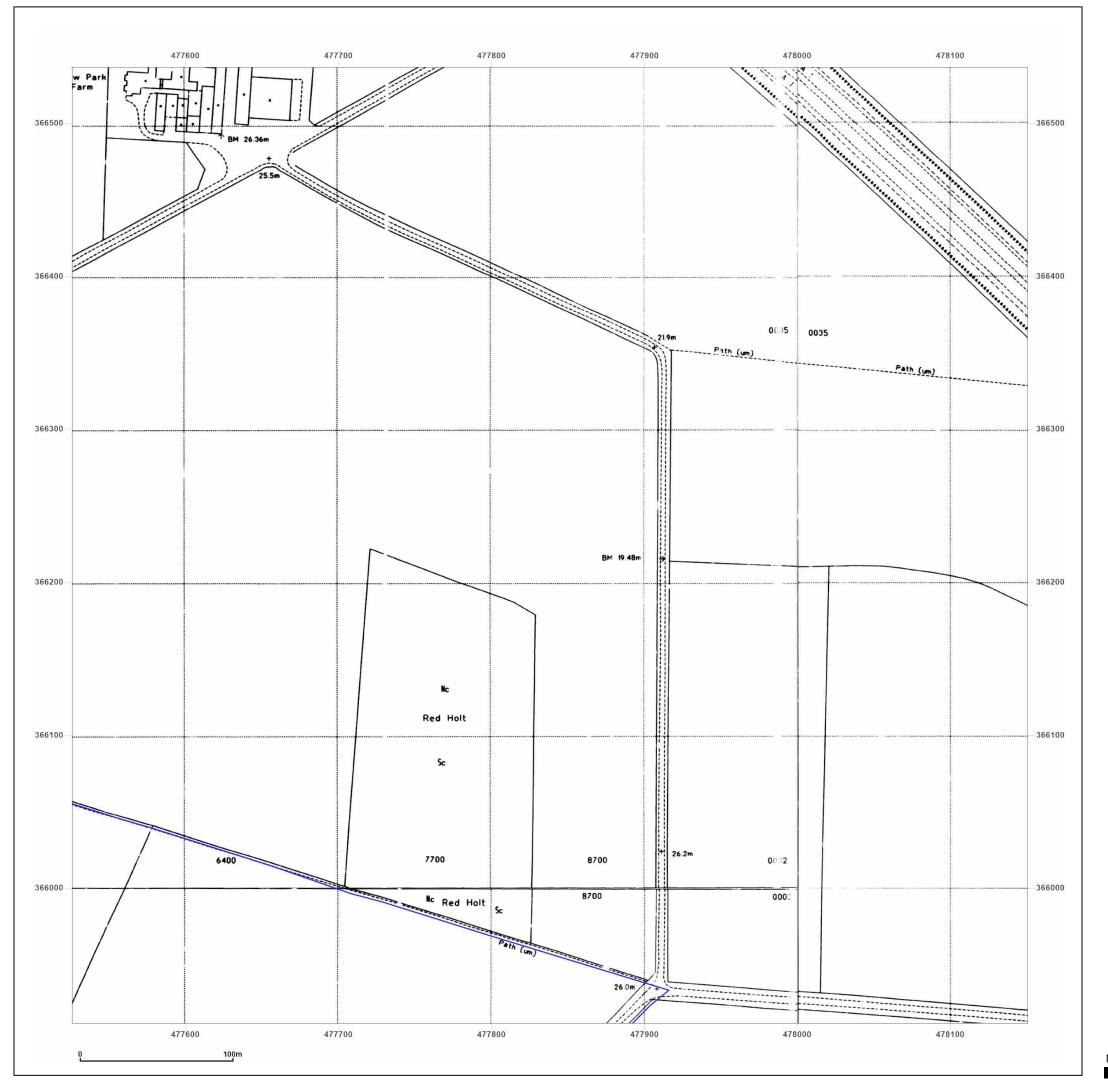


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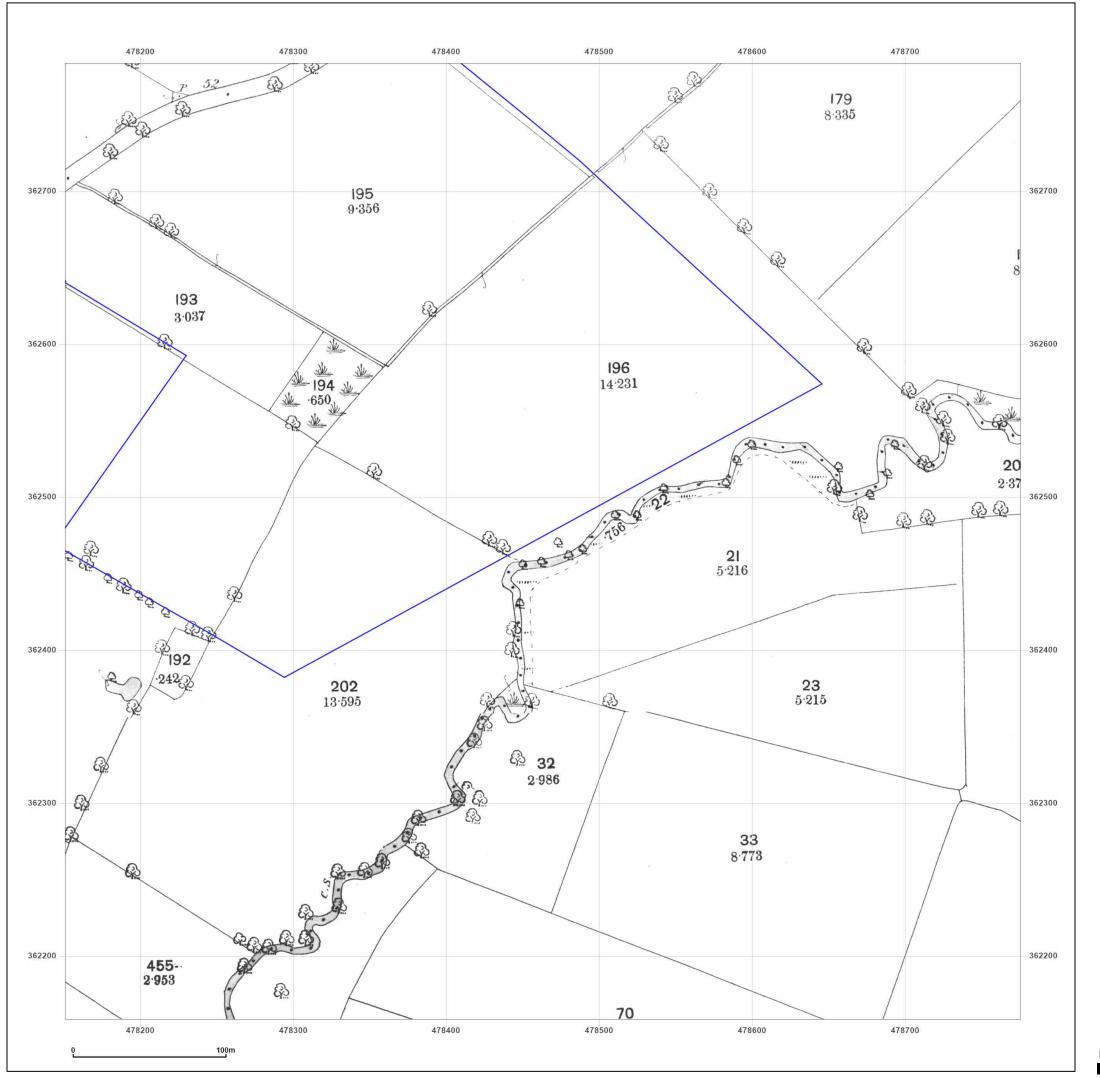
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Map Name:	National Grid	N
Map date:	1994	W F
Scale:	1:2,500	··
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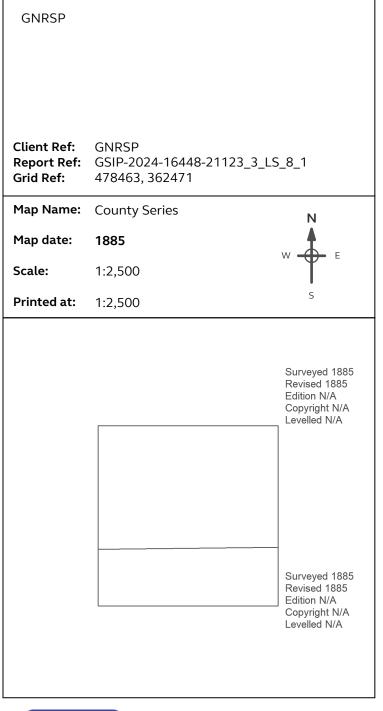
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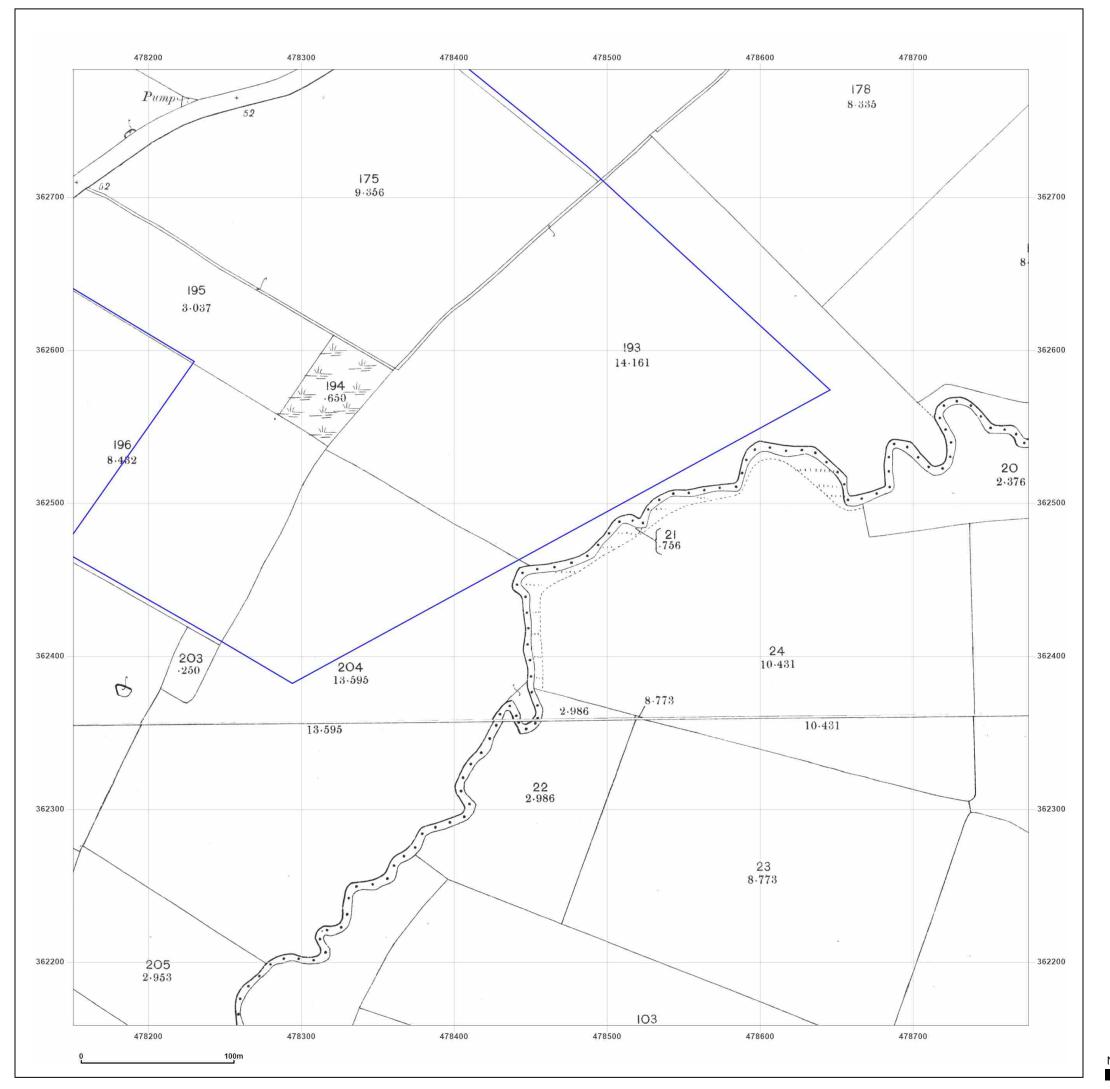




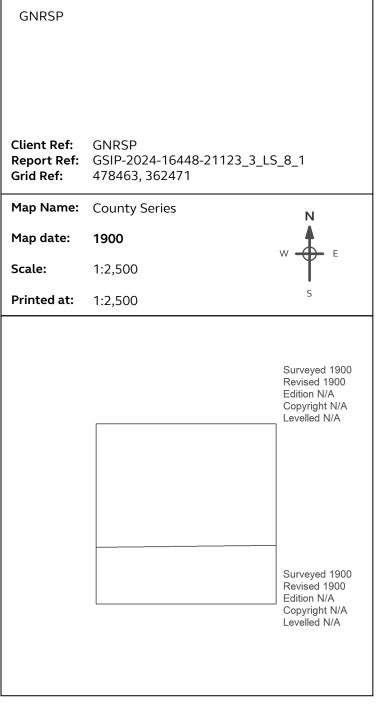
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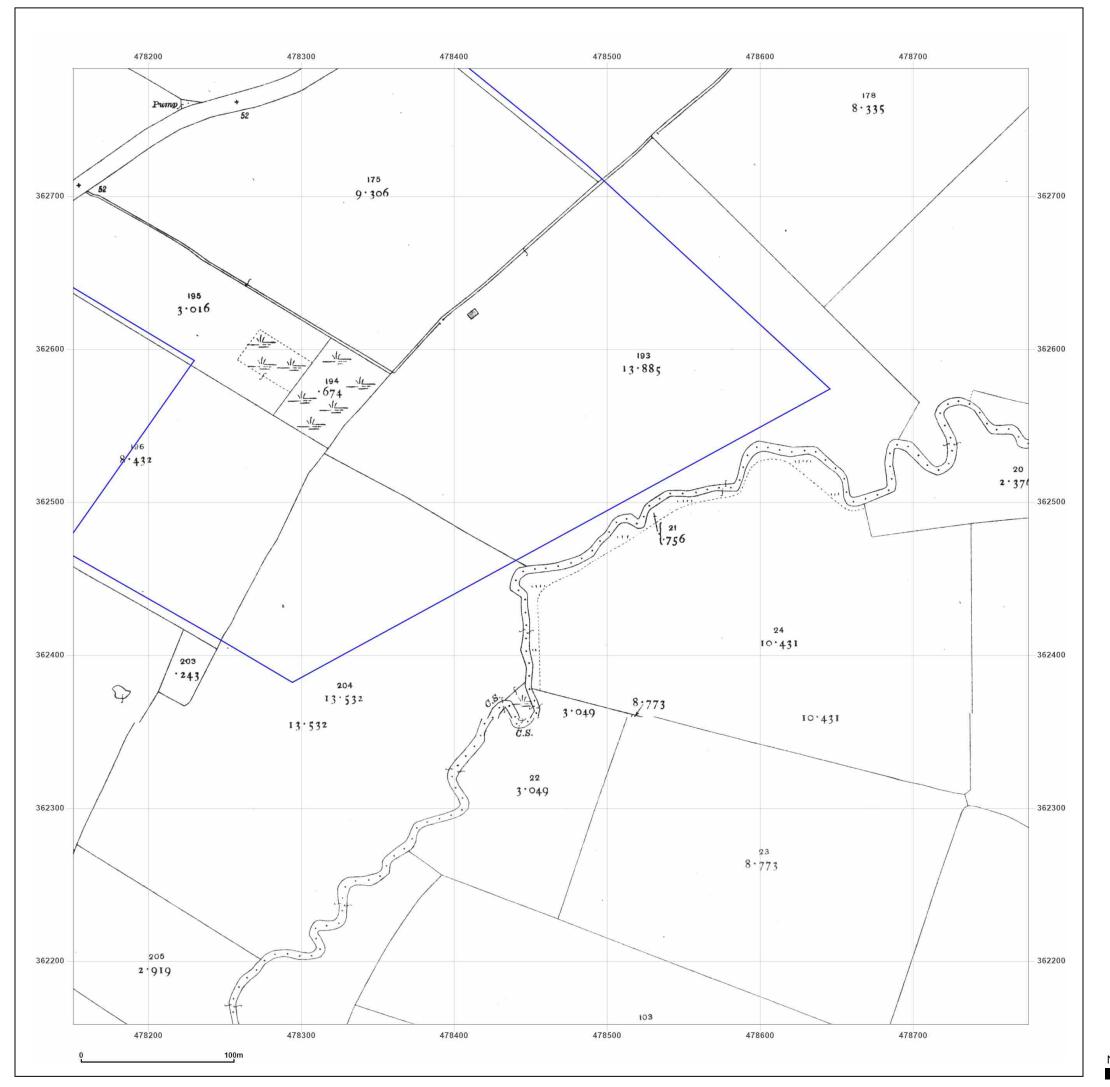




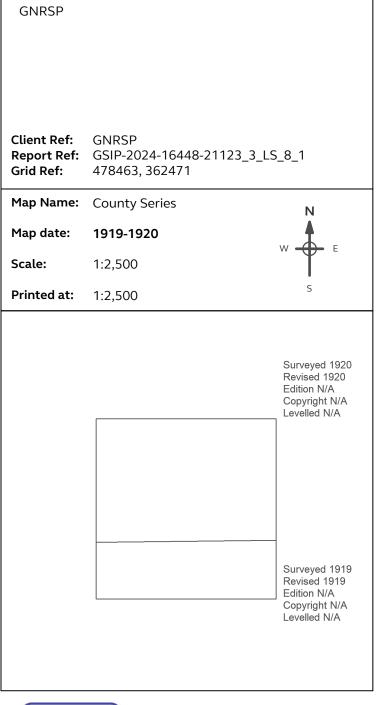
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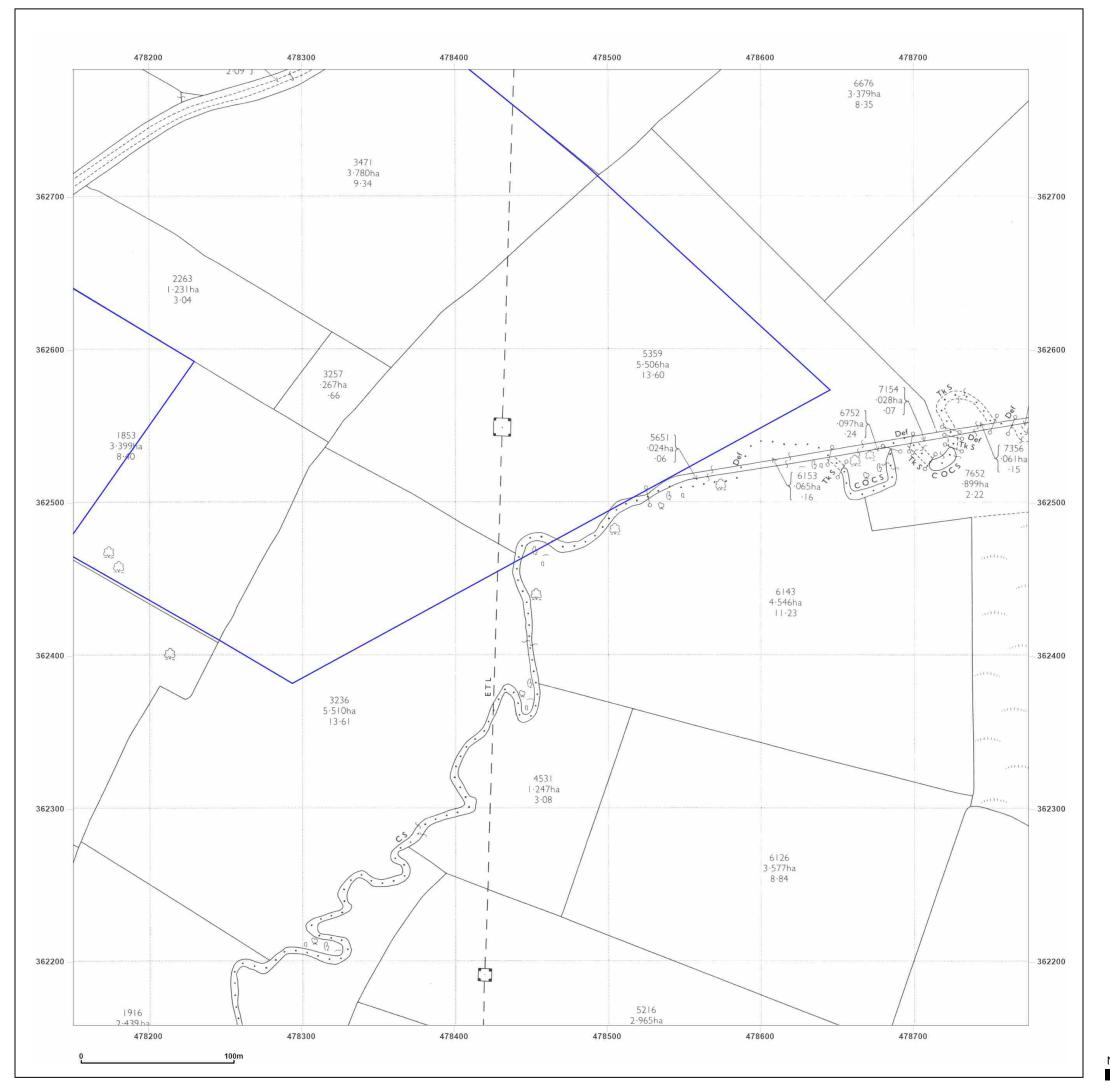




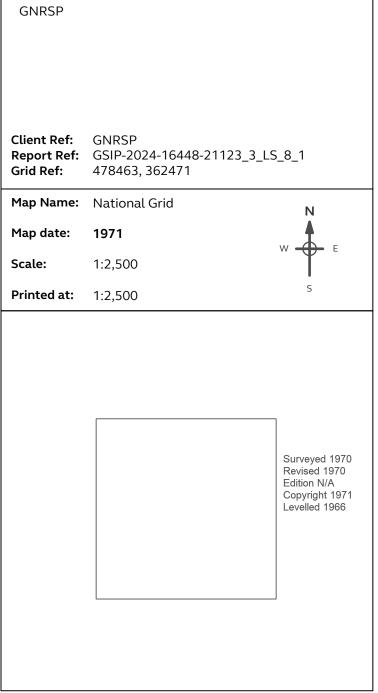
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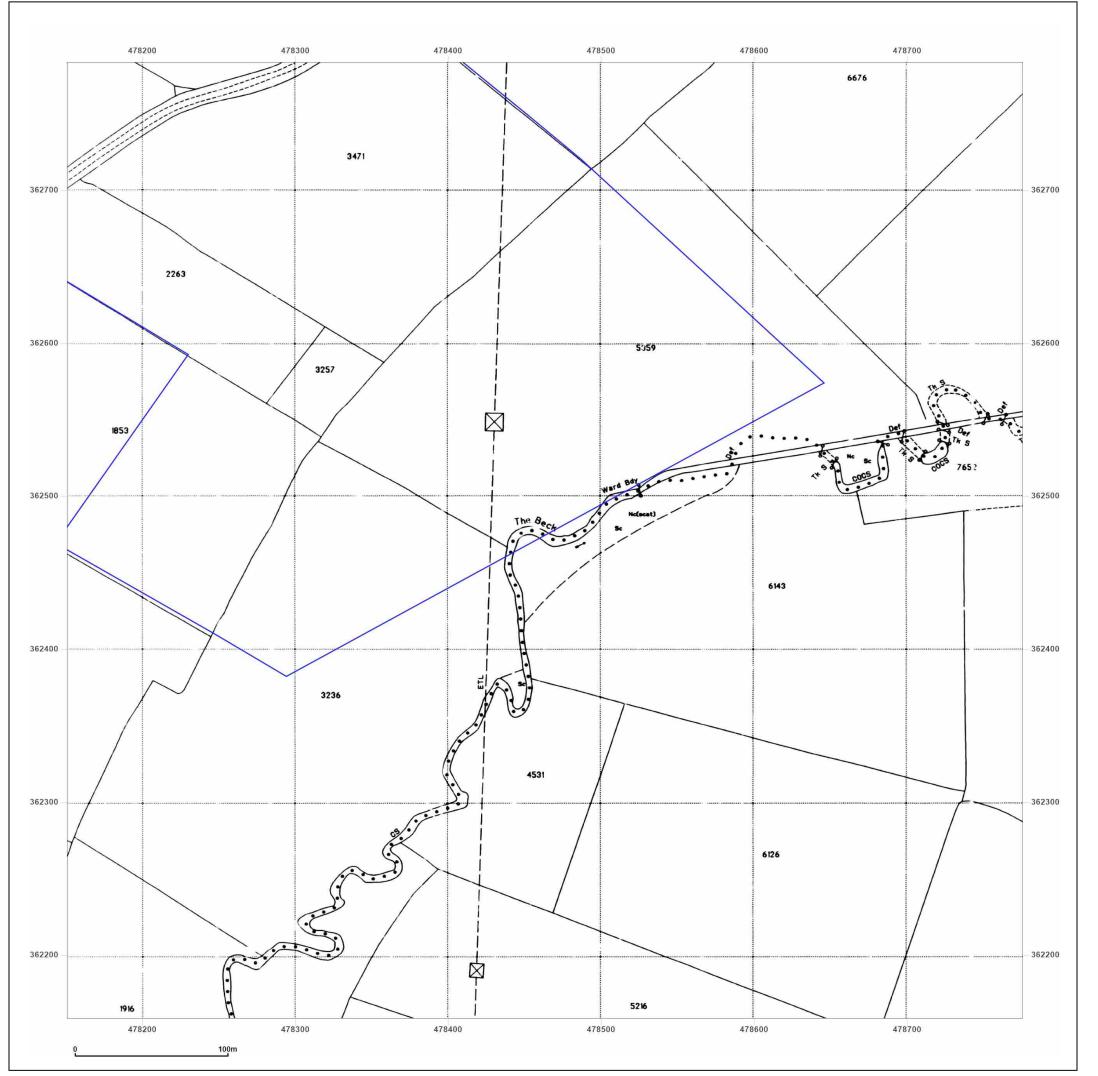




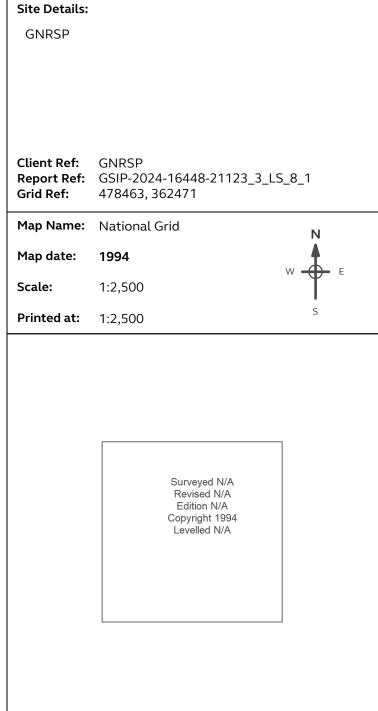
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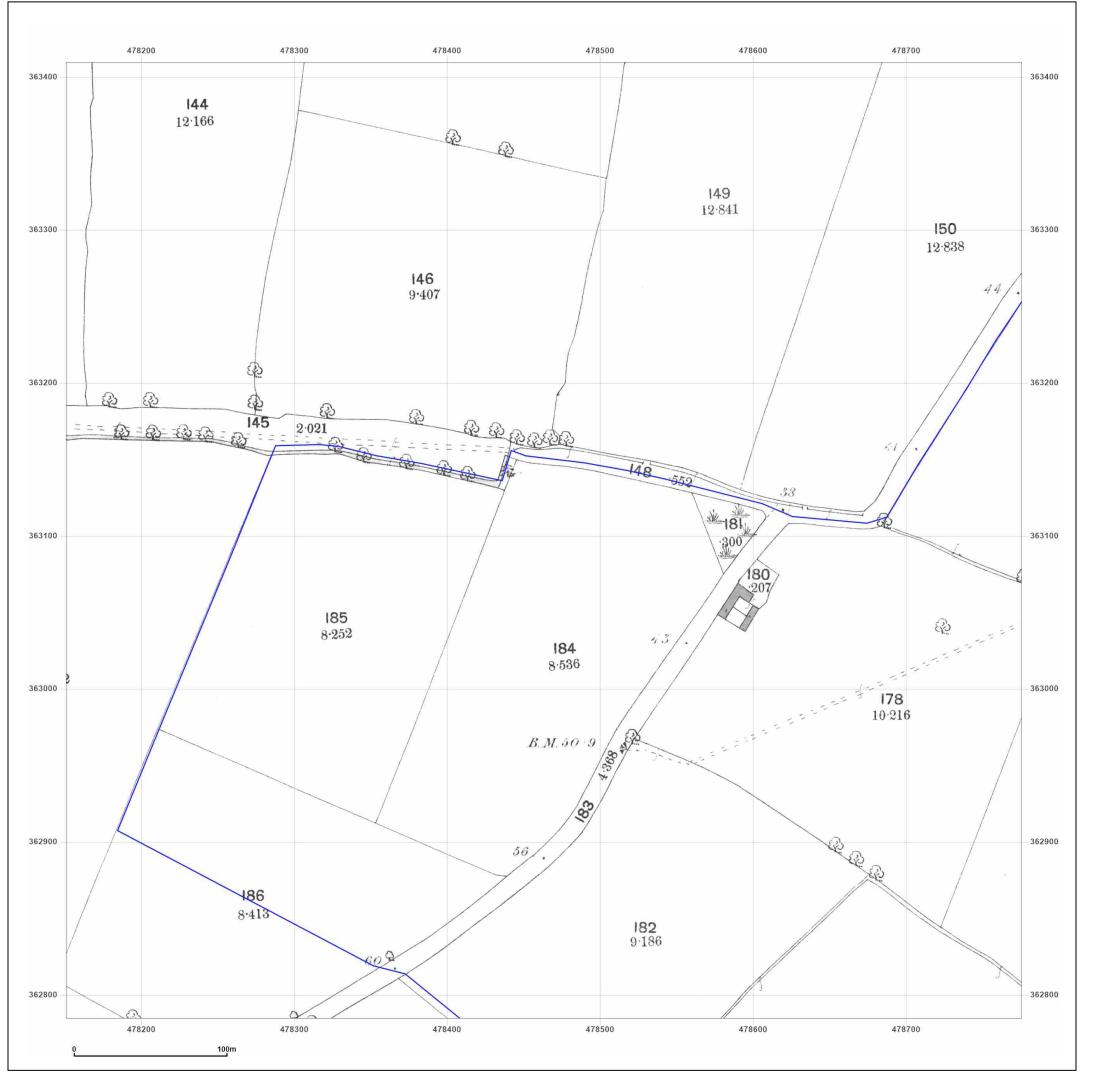




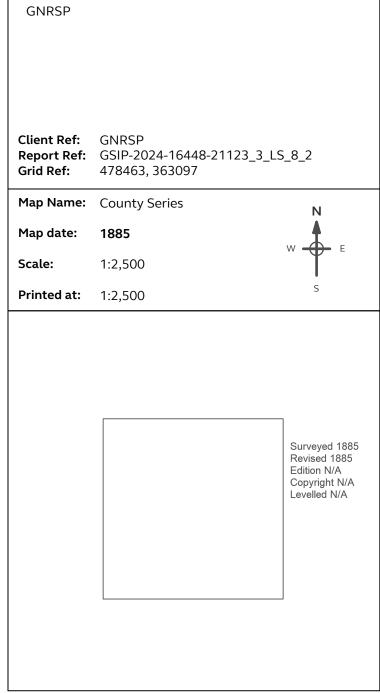


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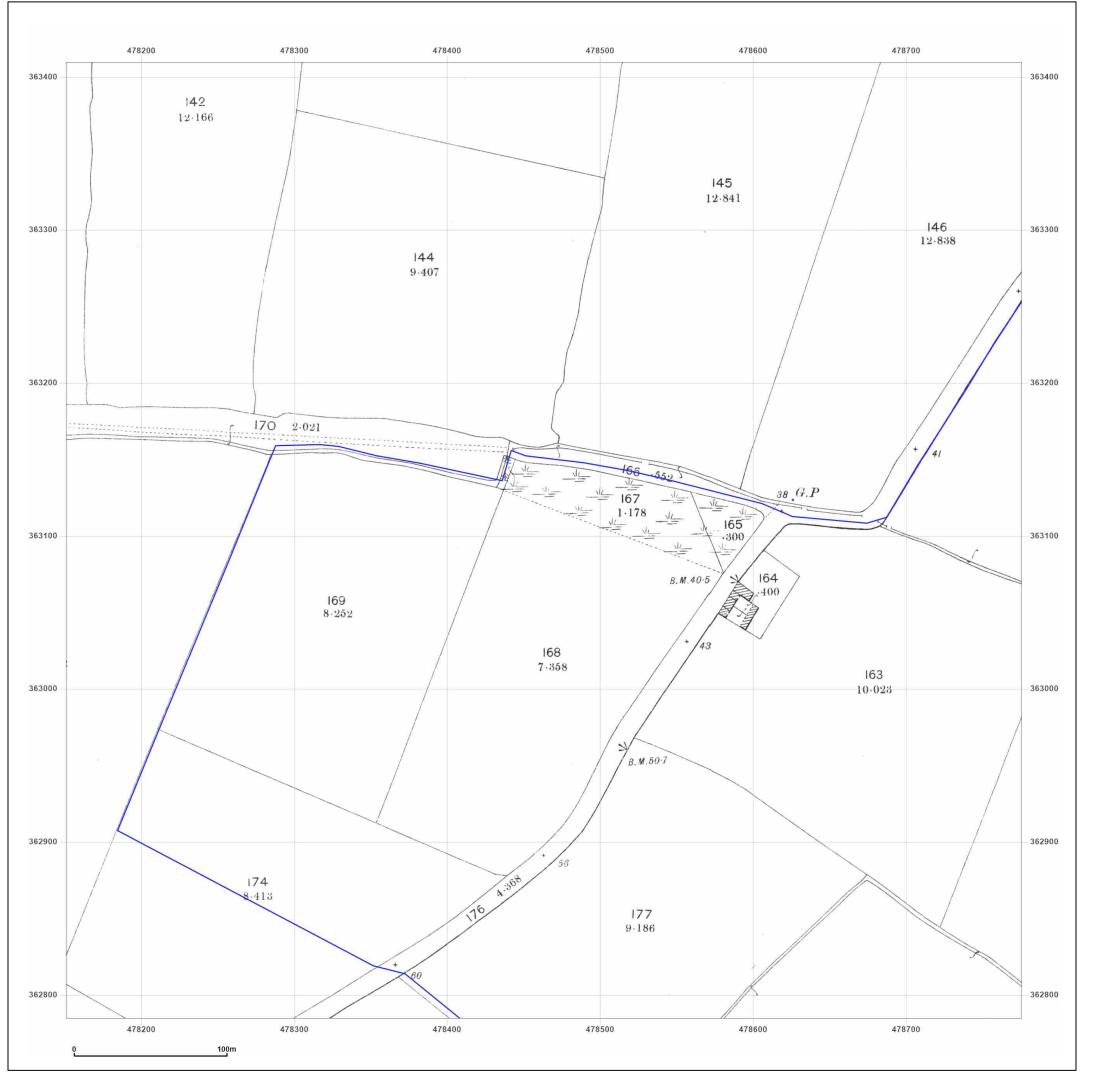




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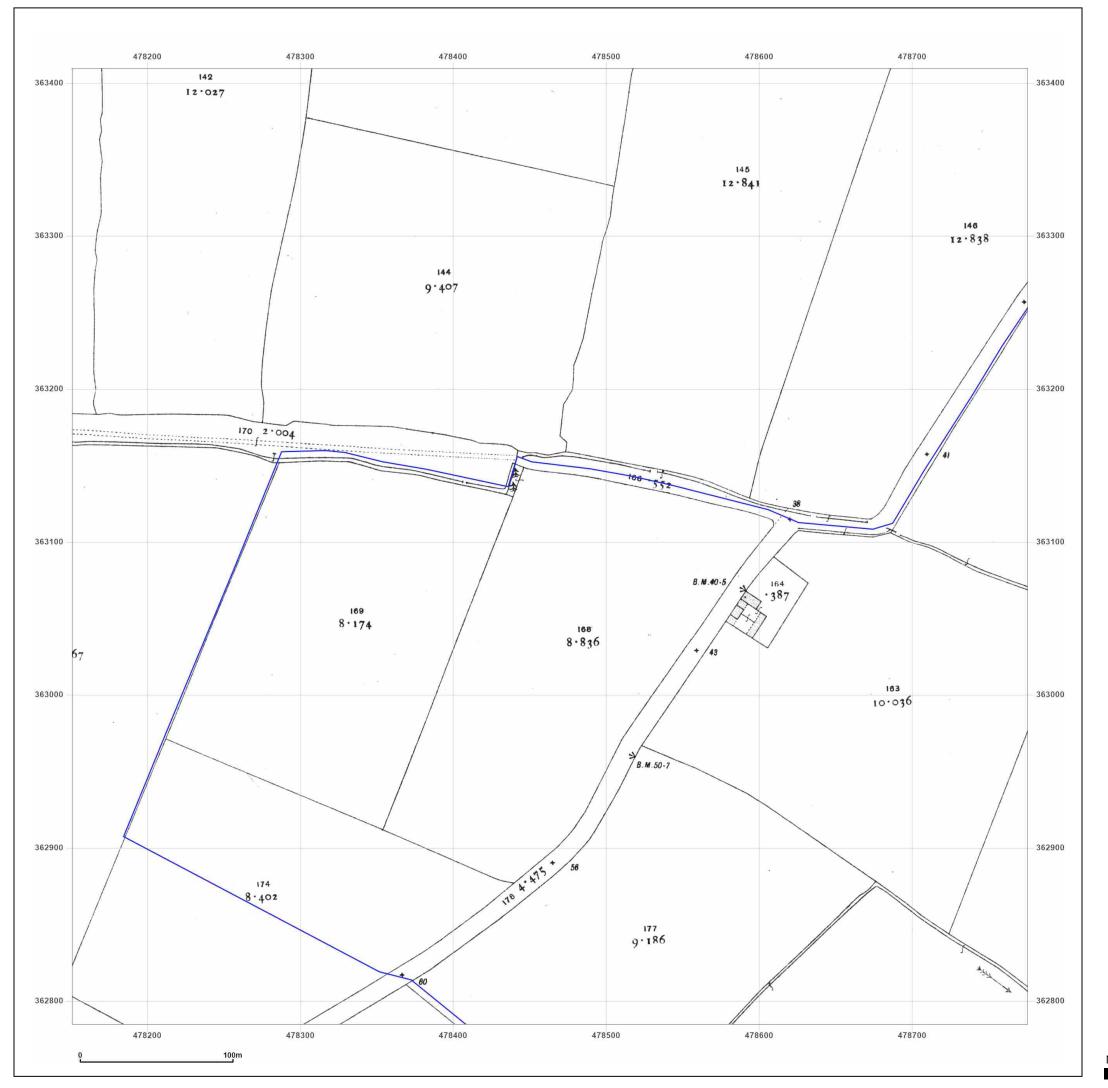
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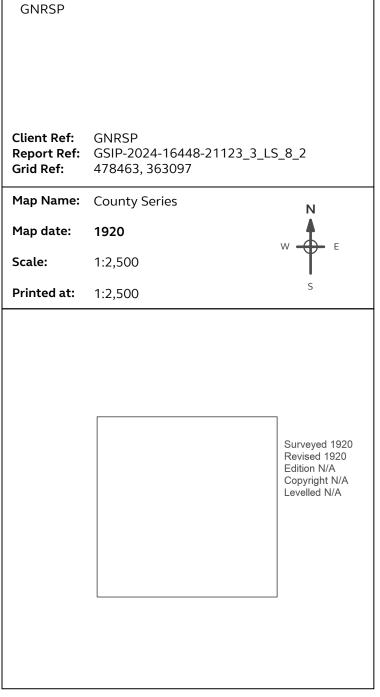
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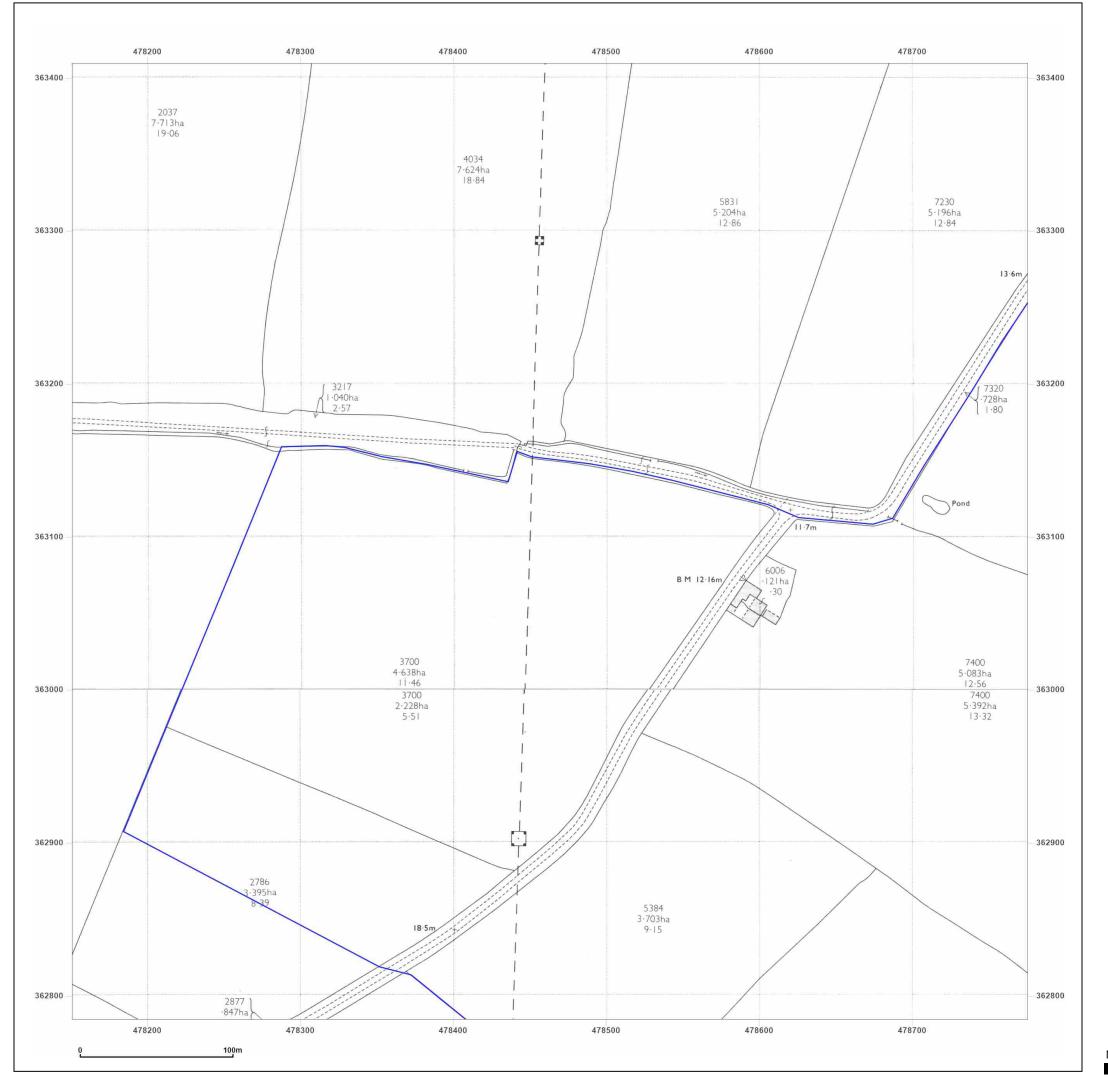




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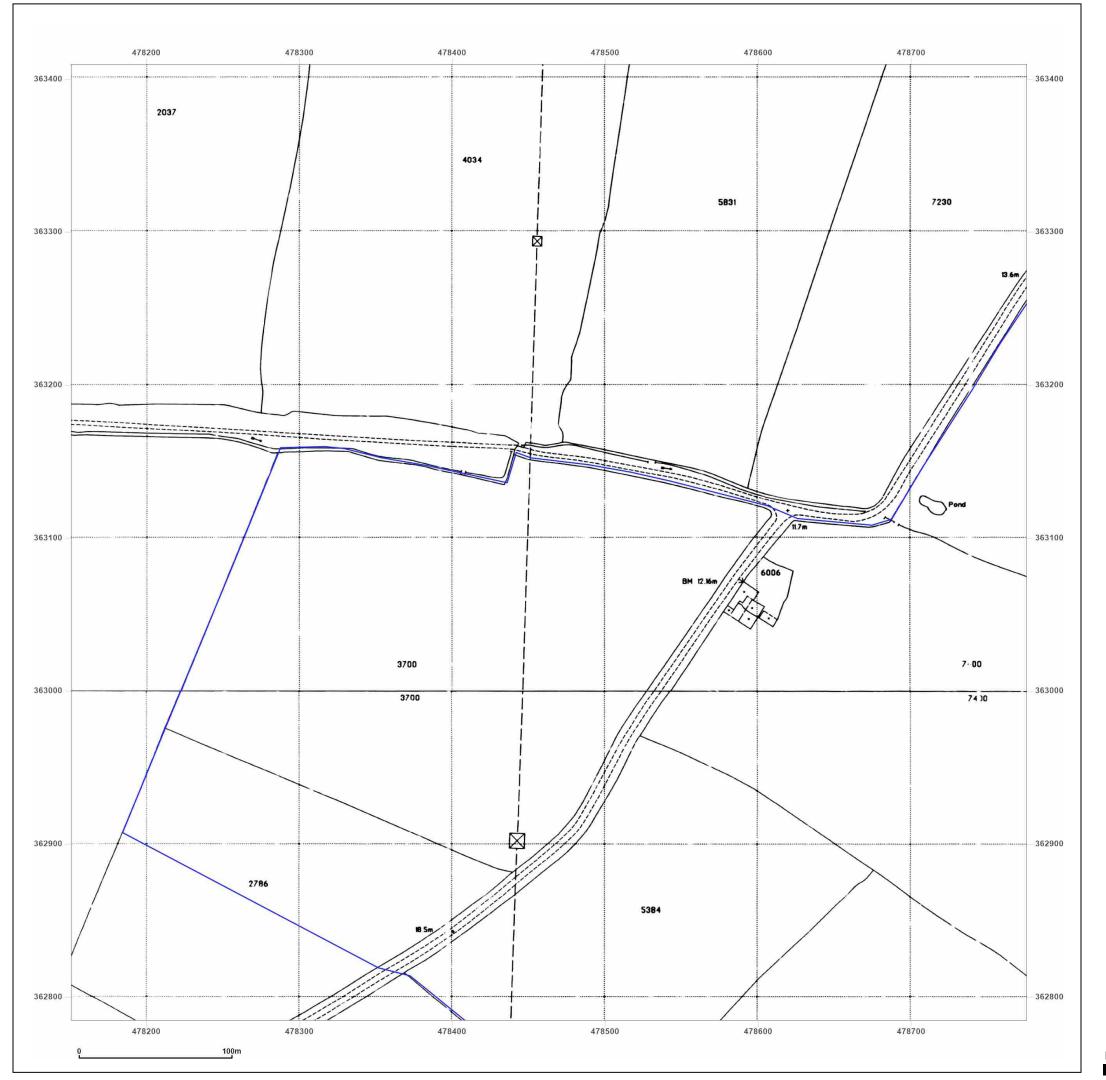
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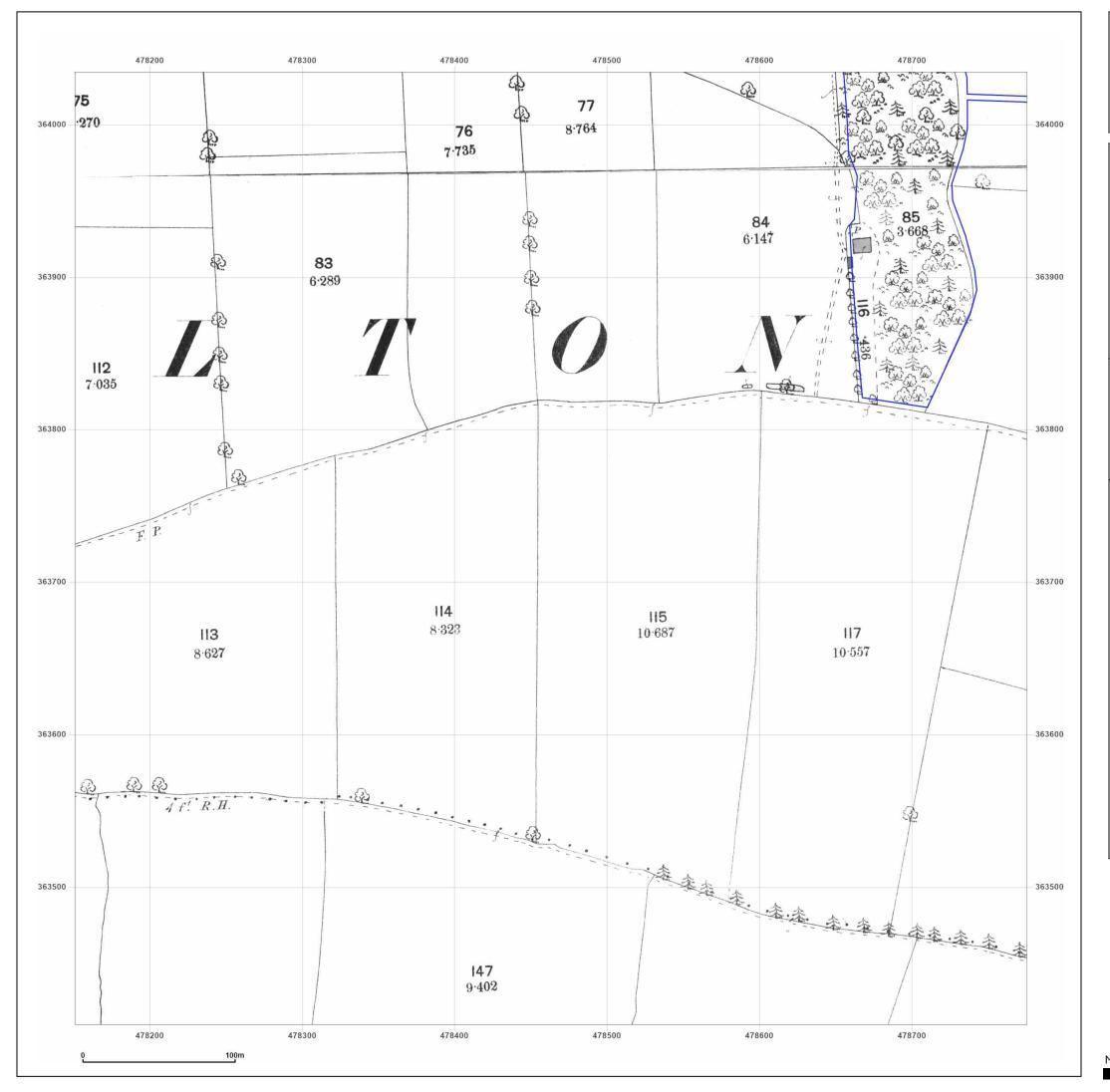
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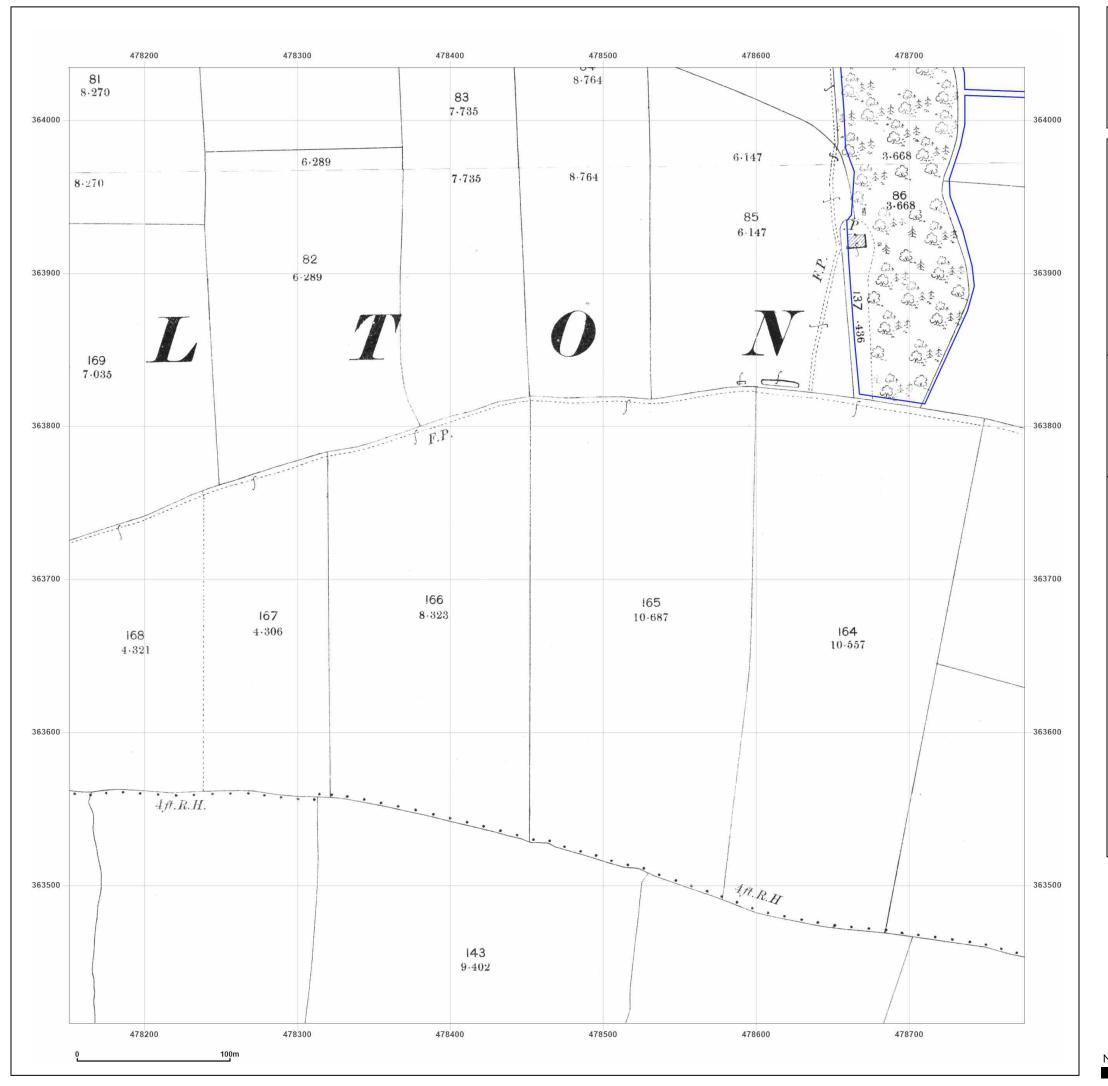
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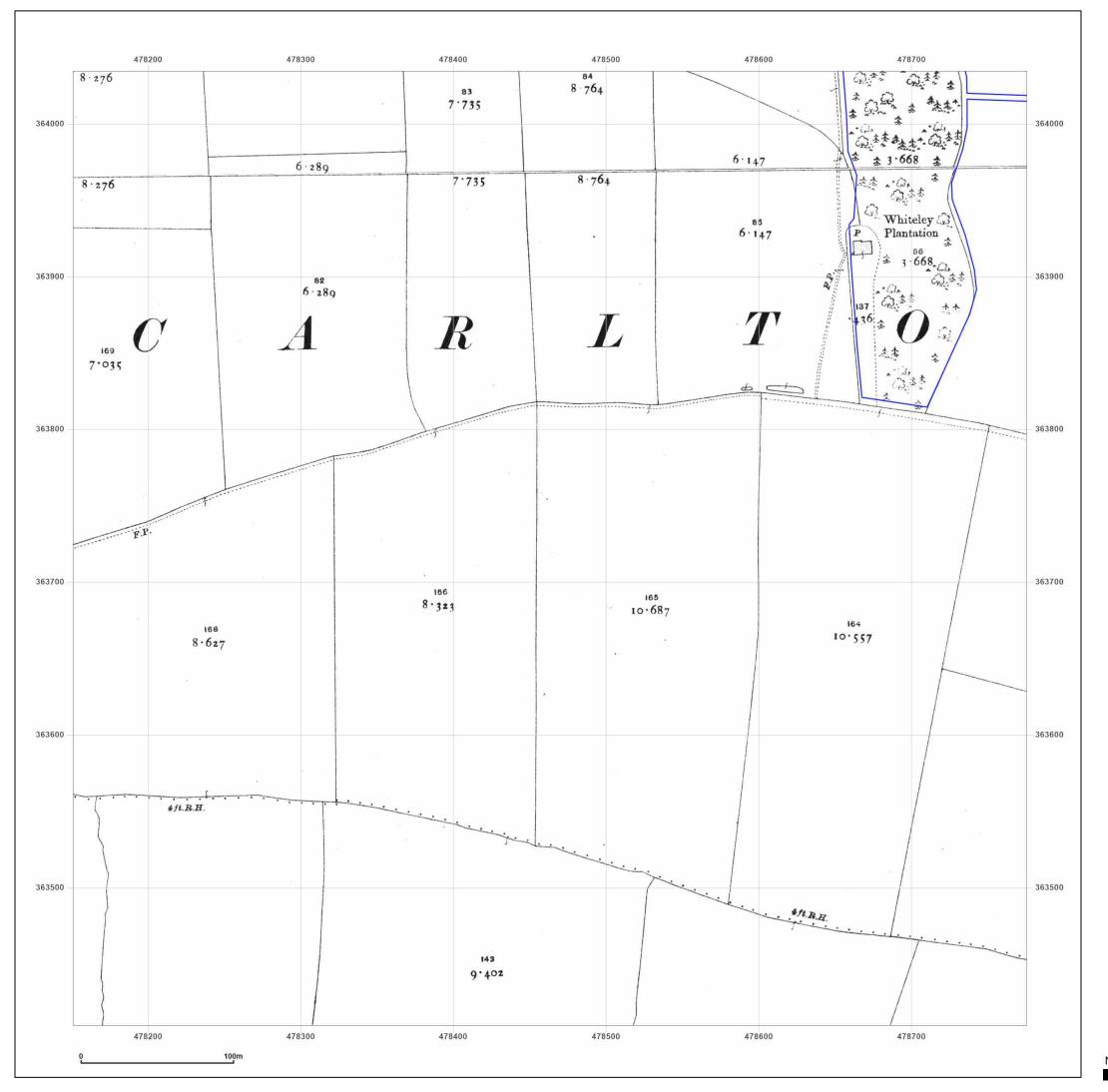
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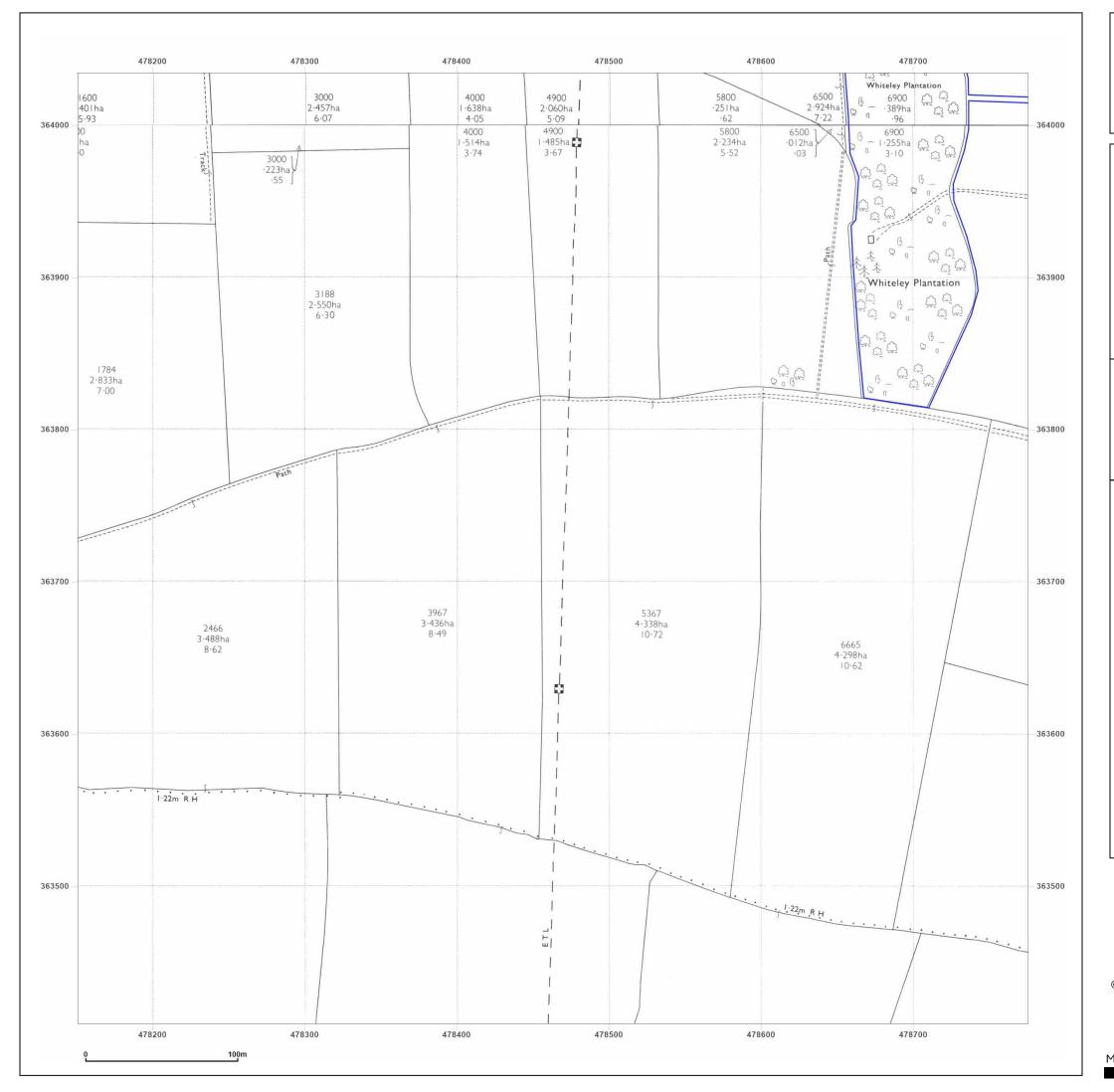
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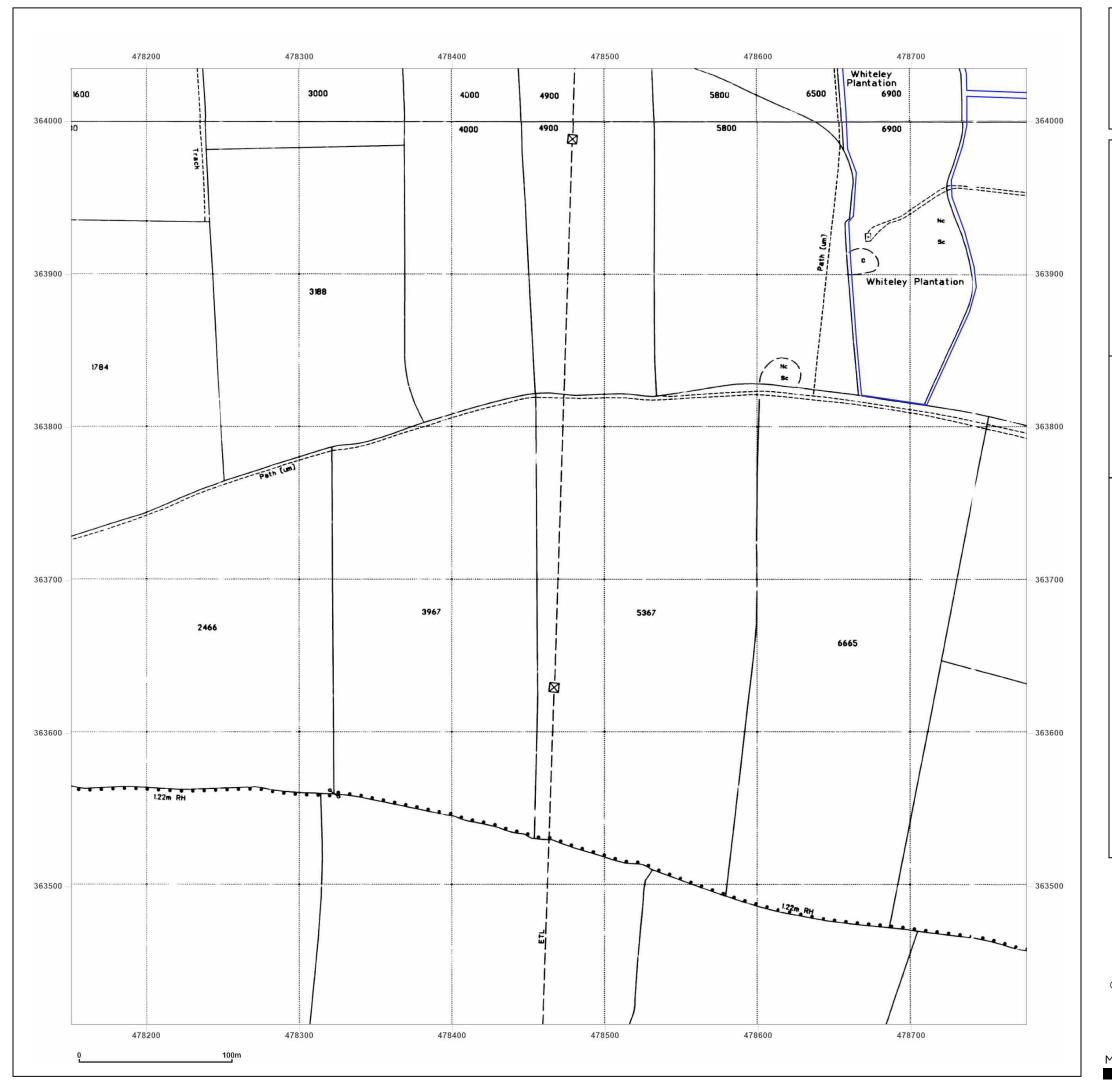
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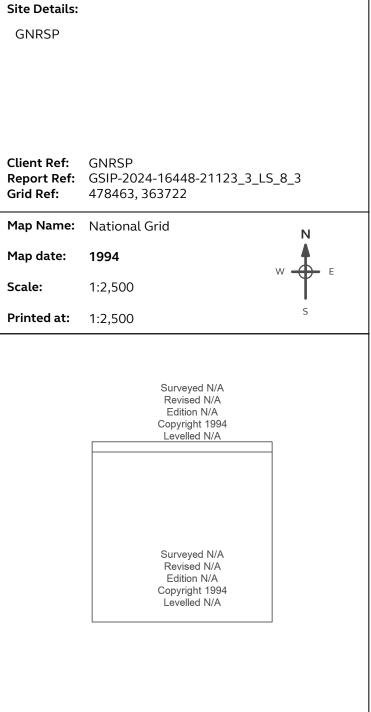
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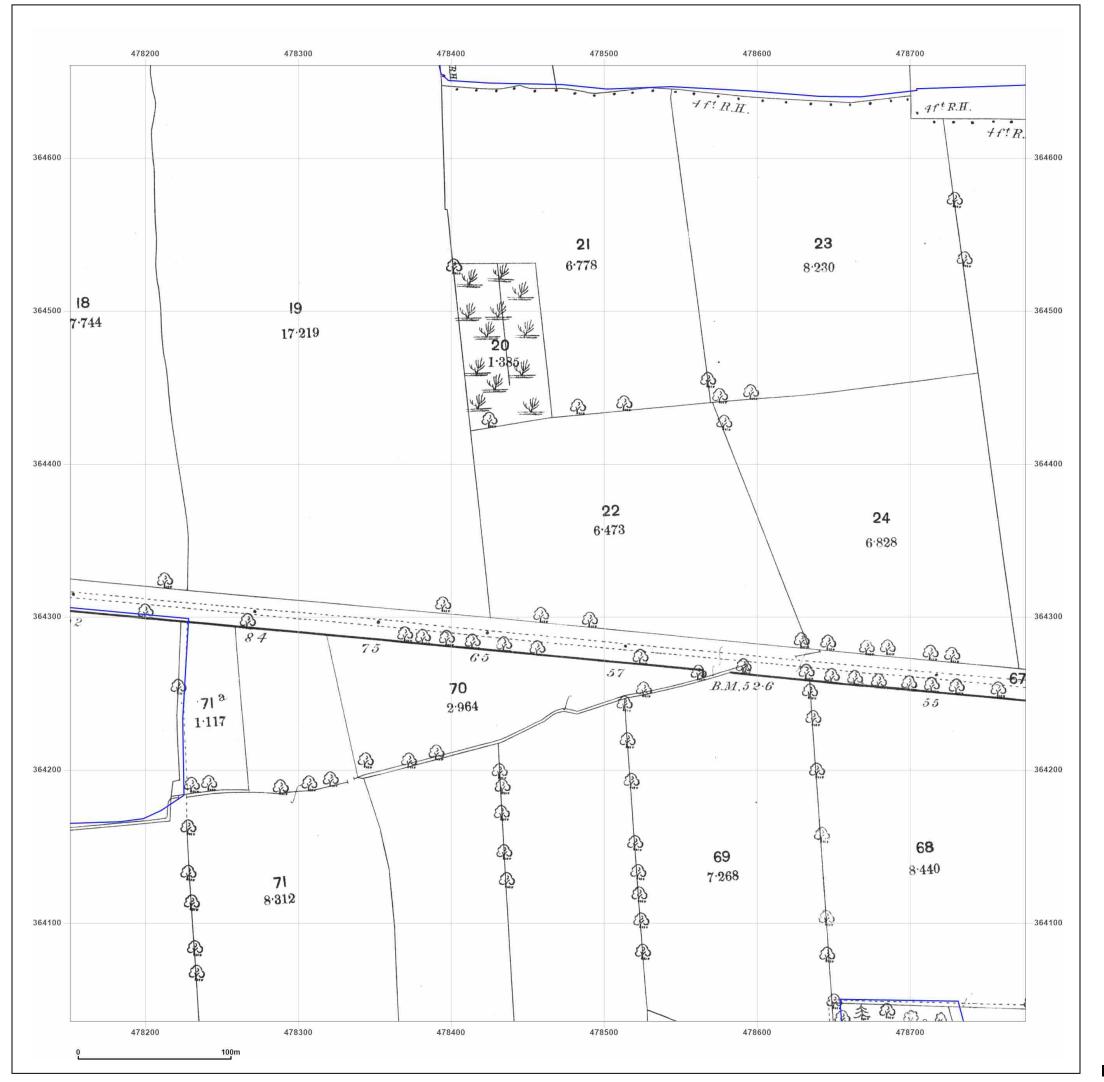




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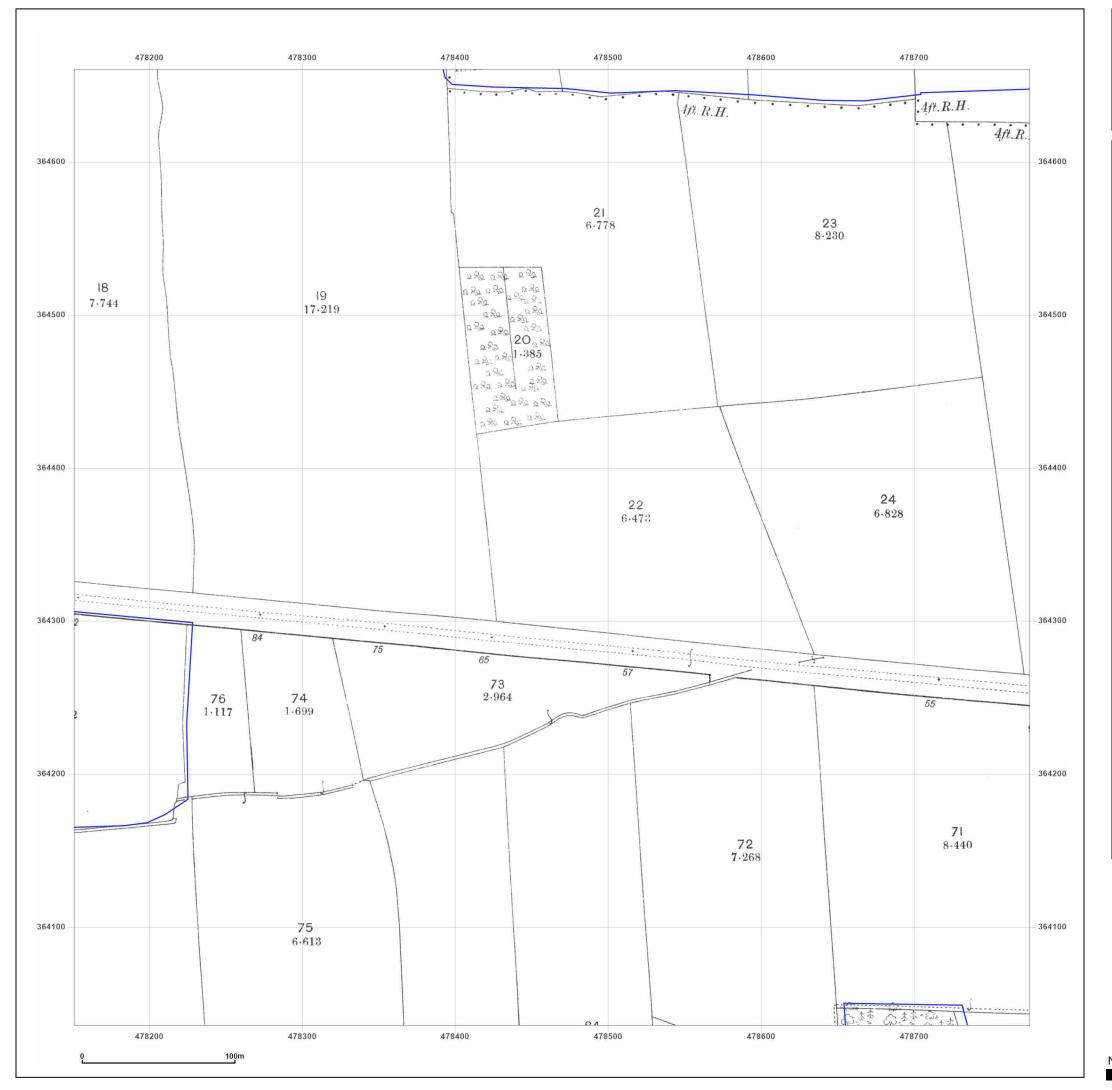
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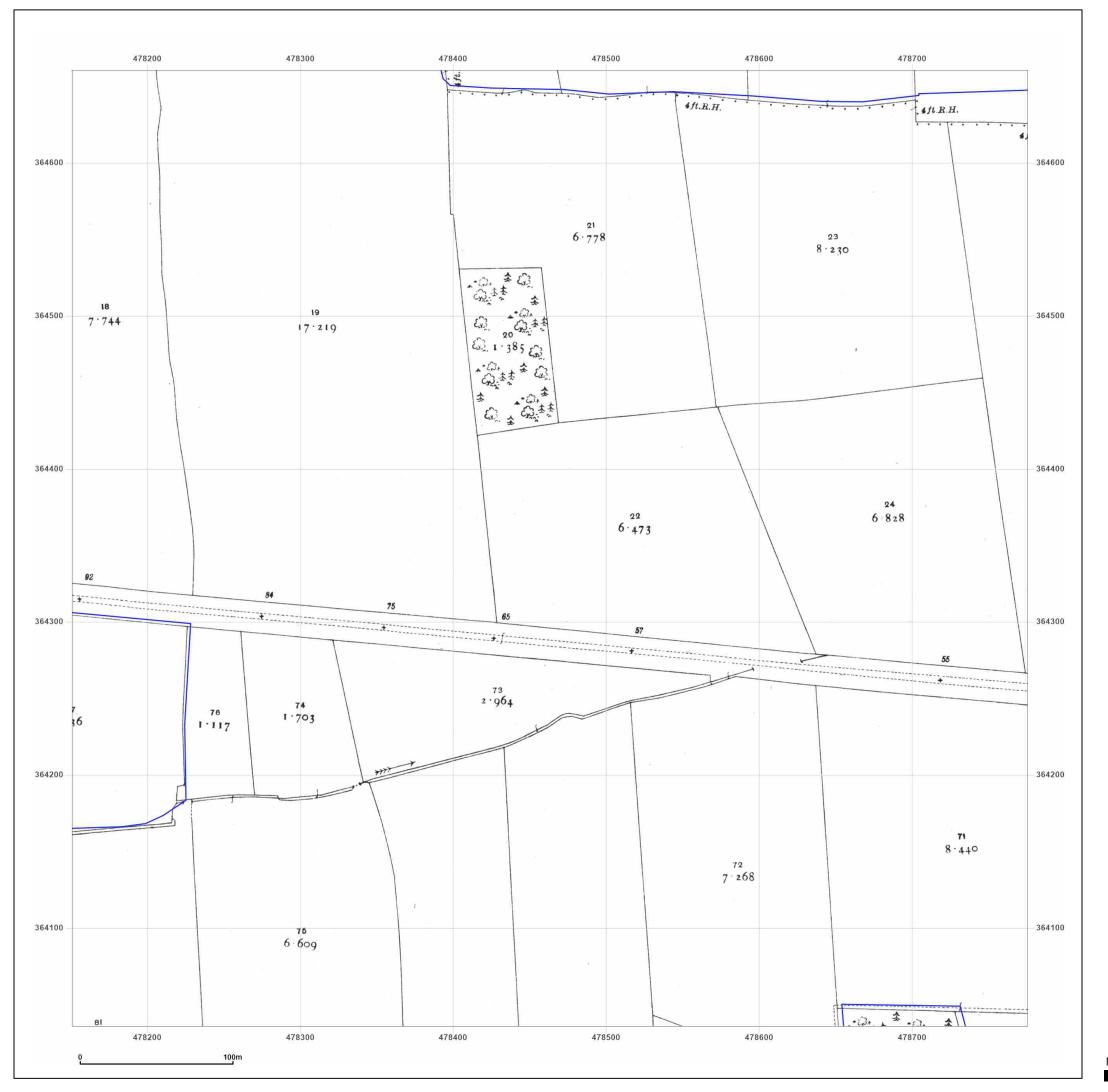
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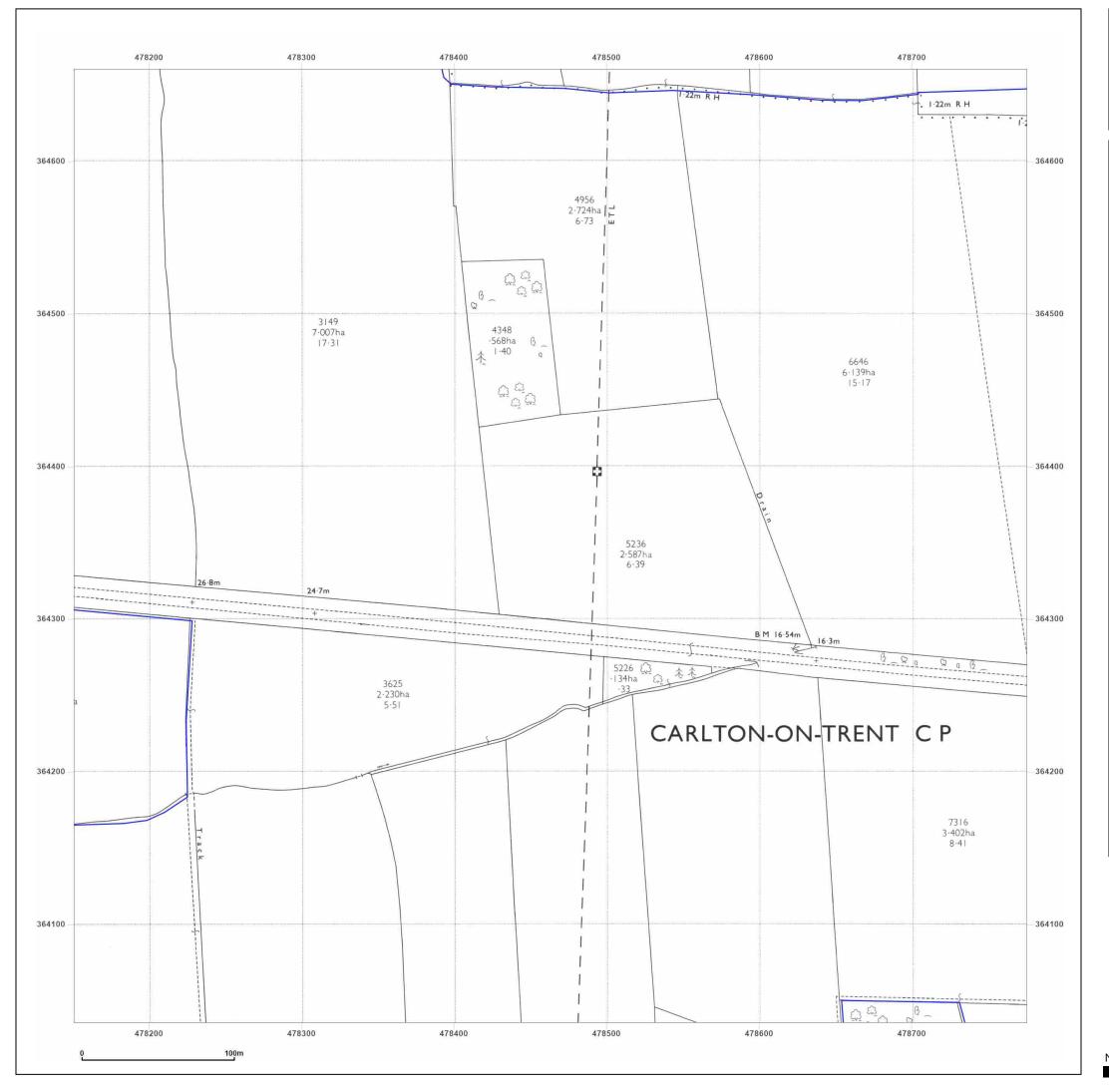
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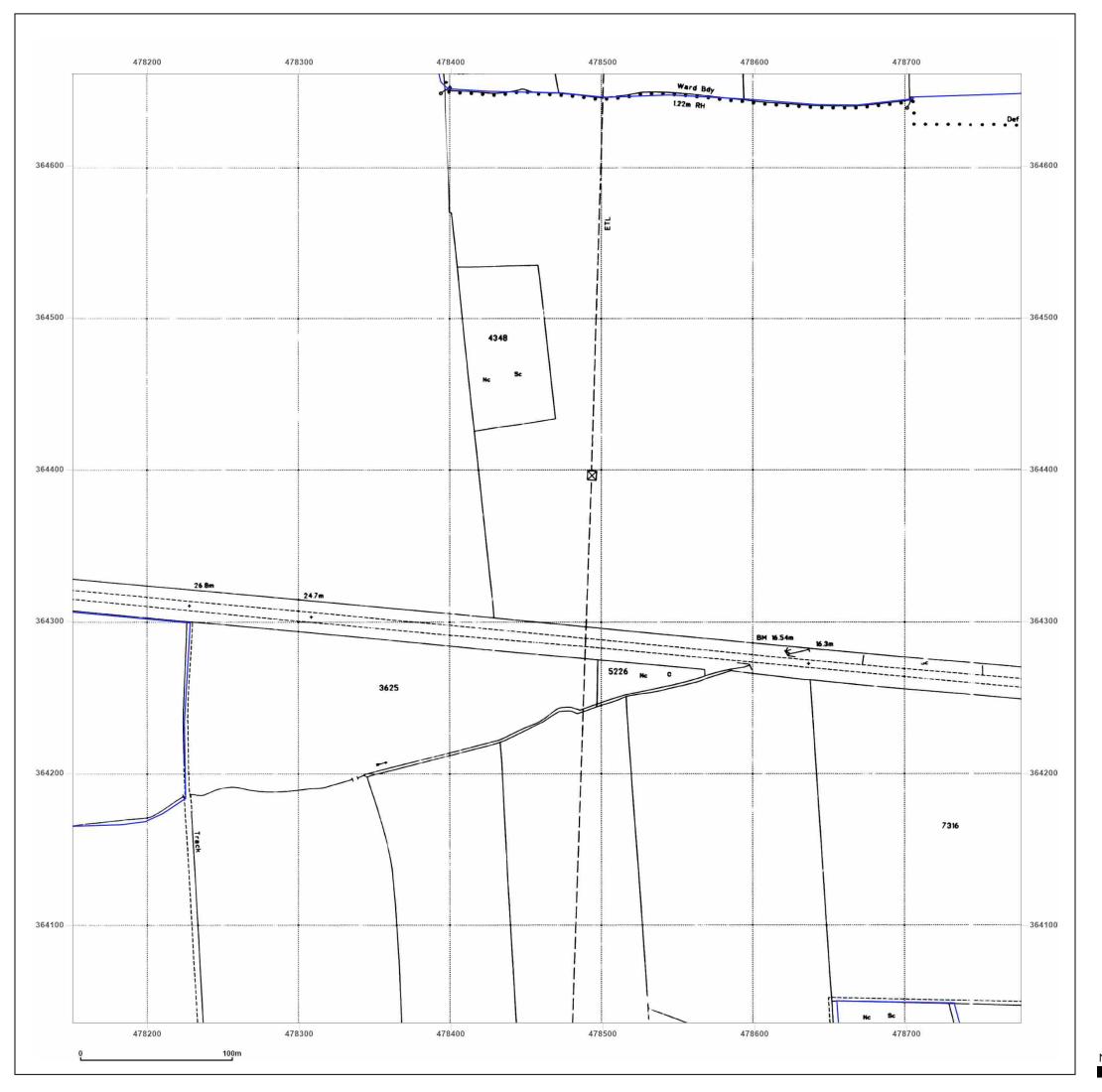
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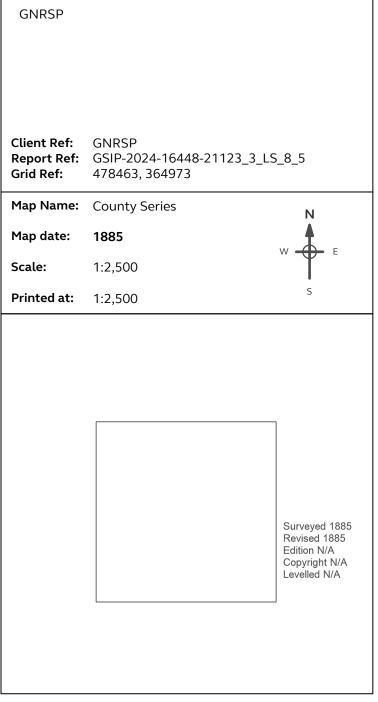
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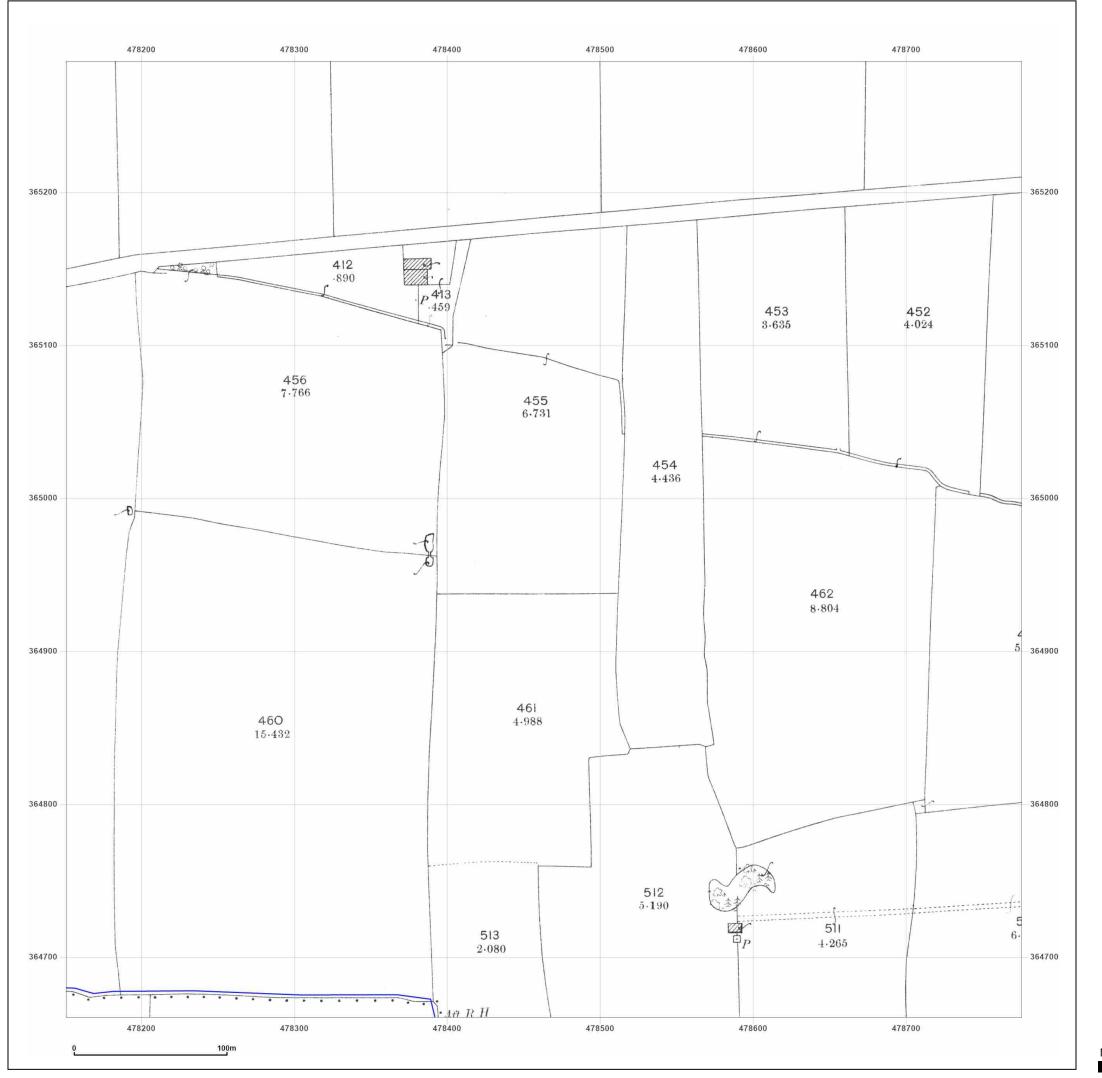




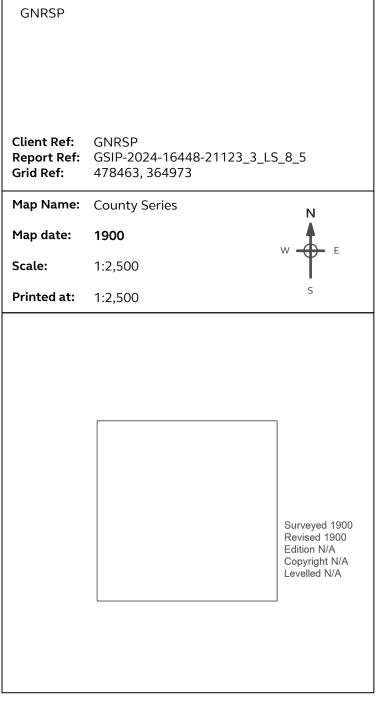
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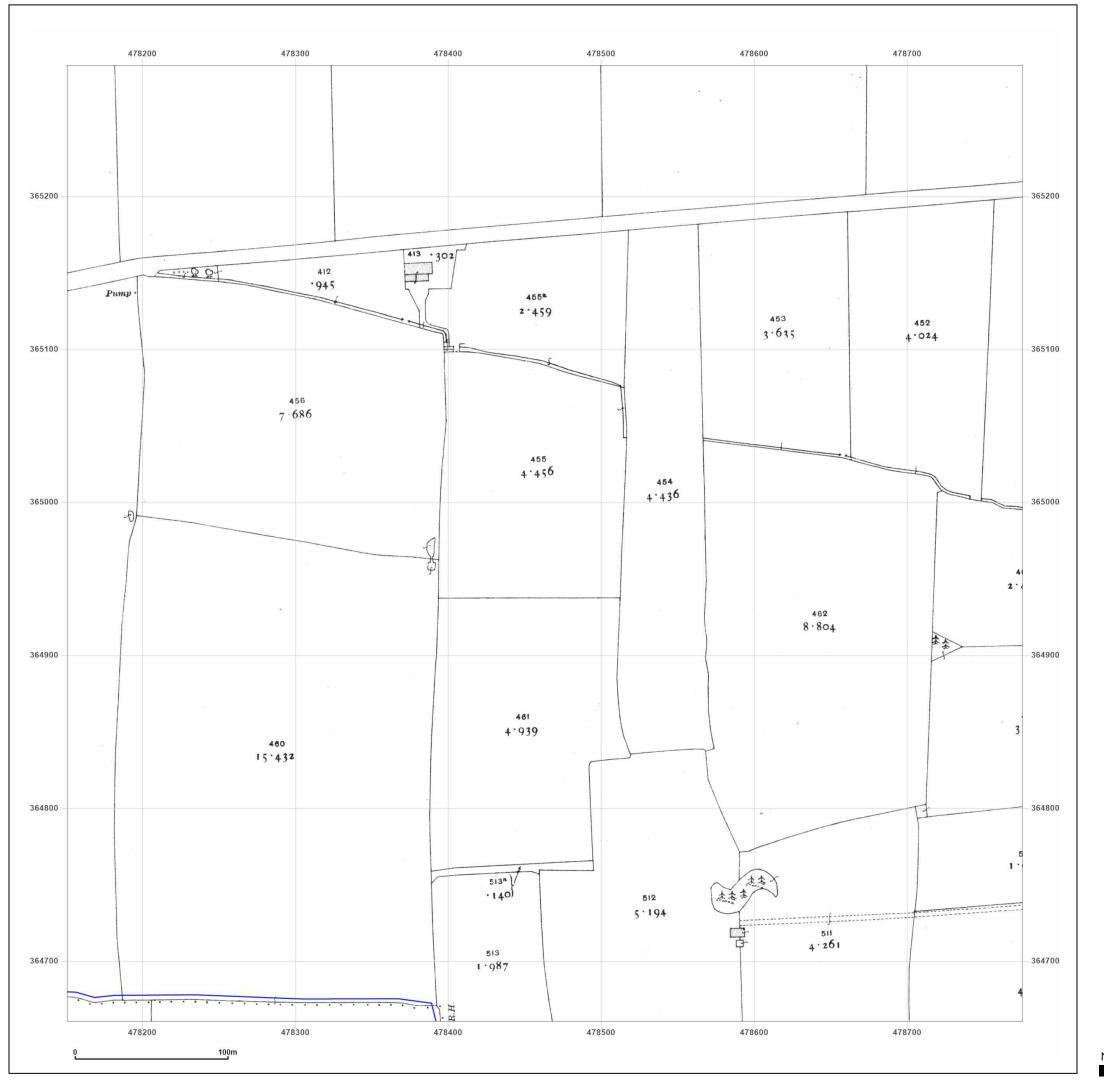




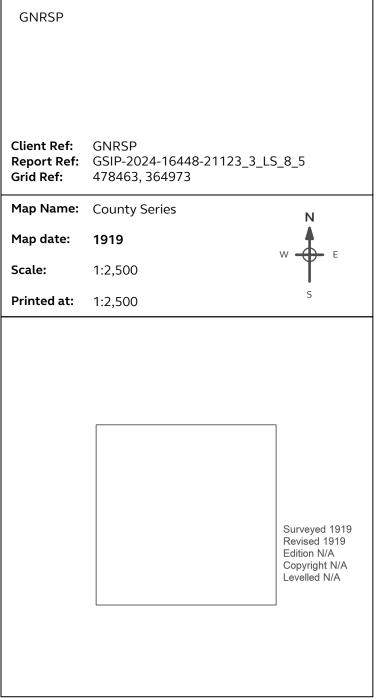
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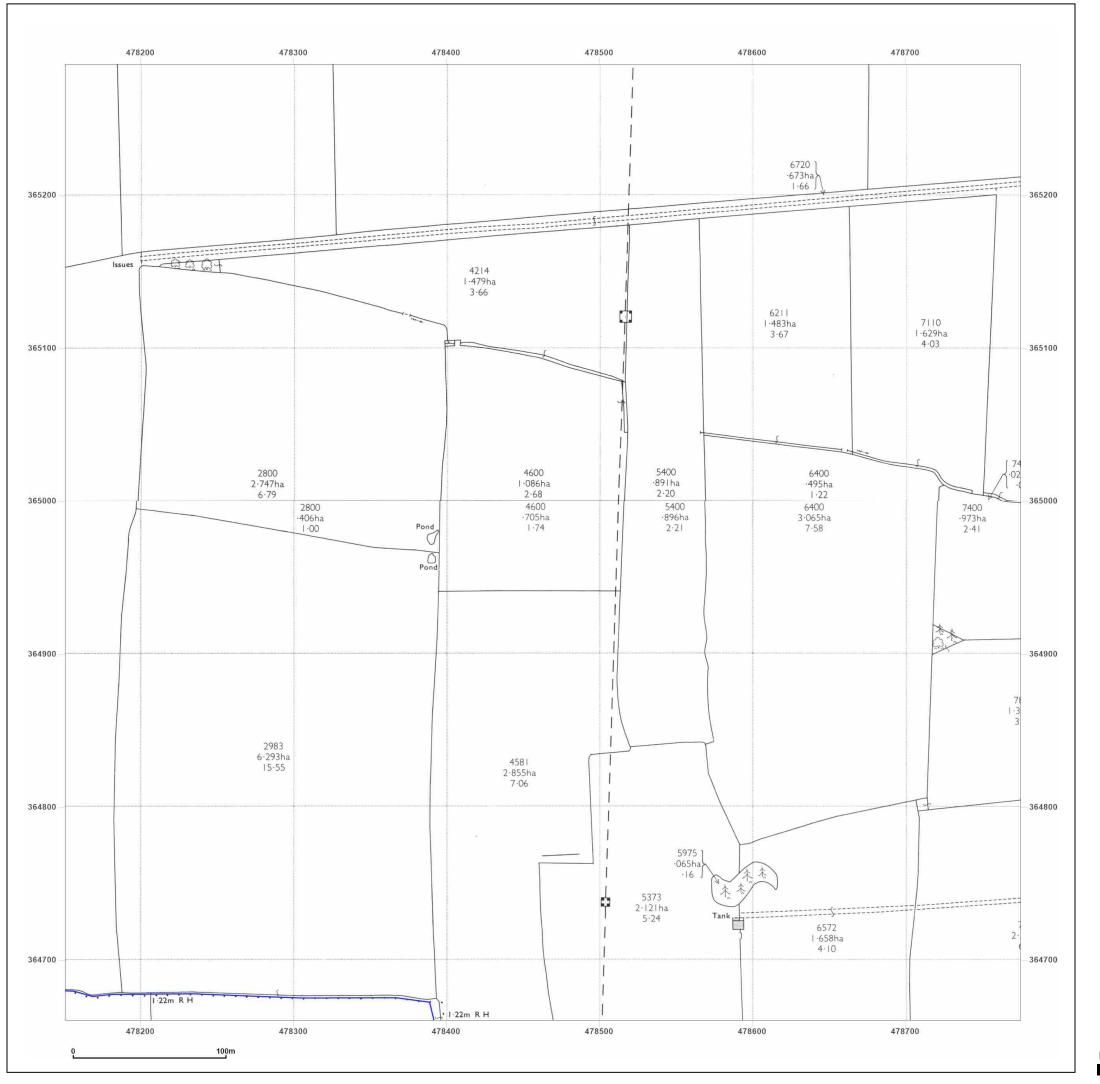




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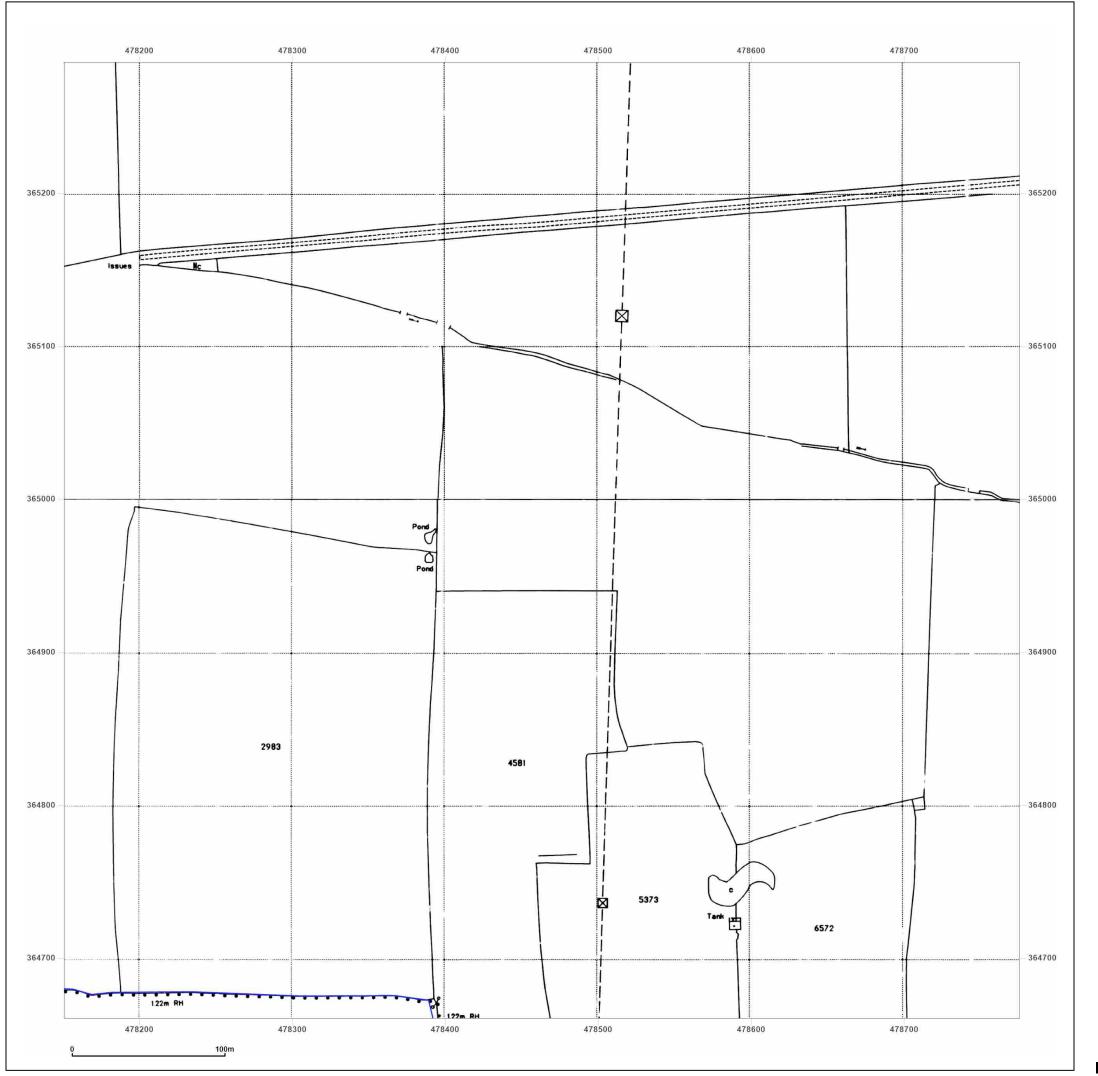
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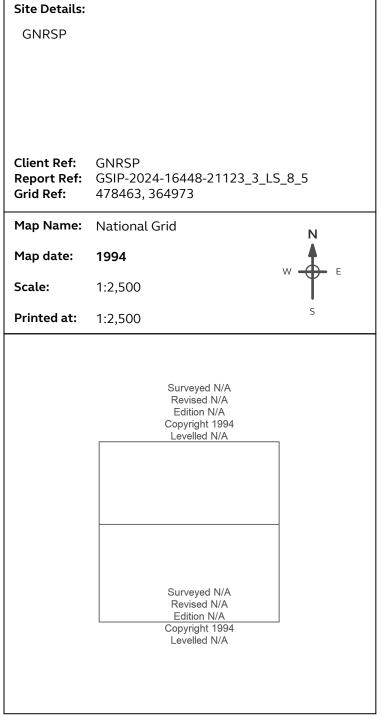
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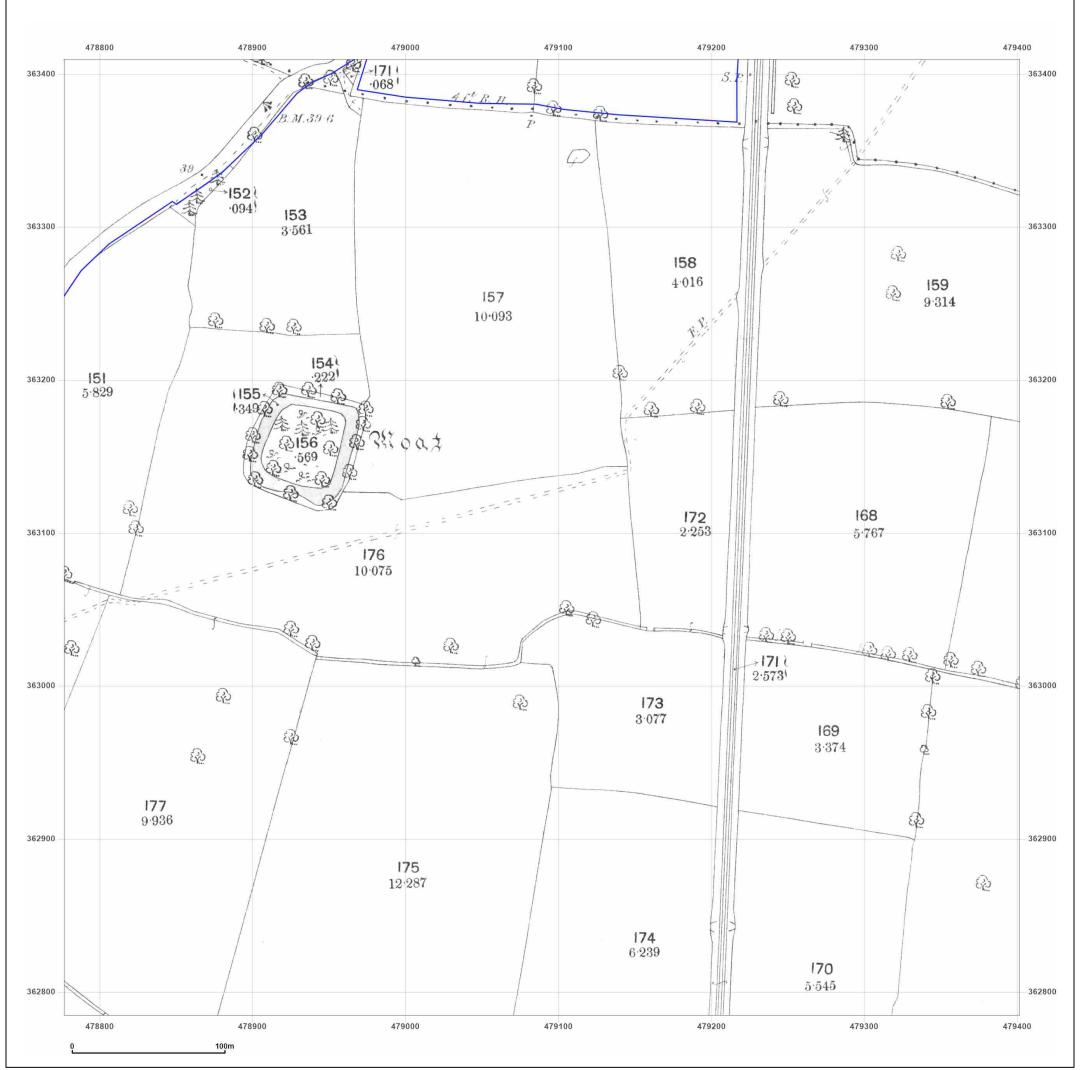




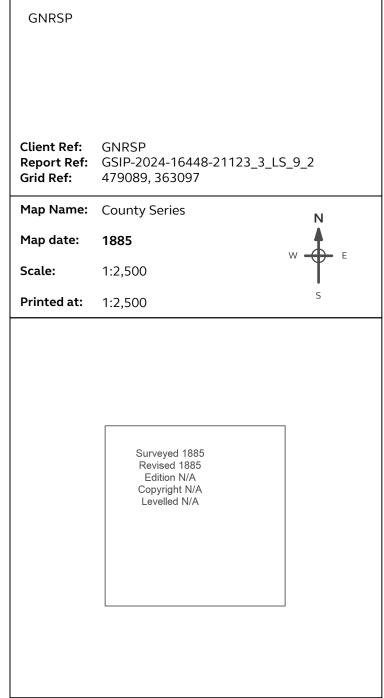
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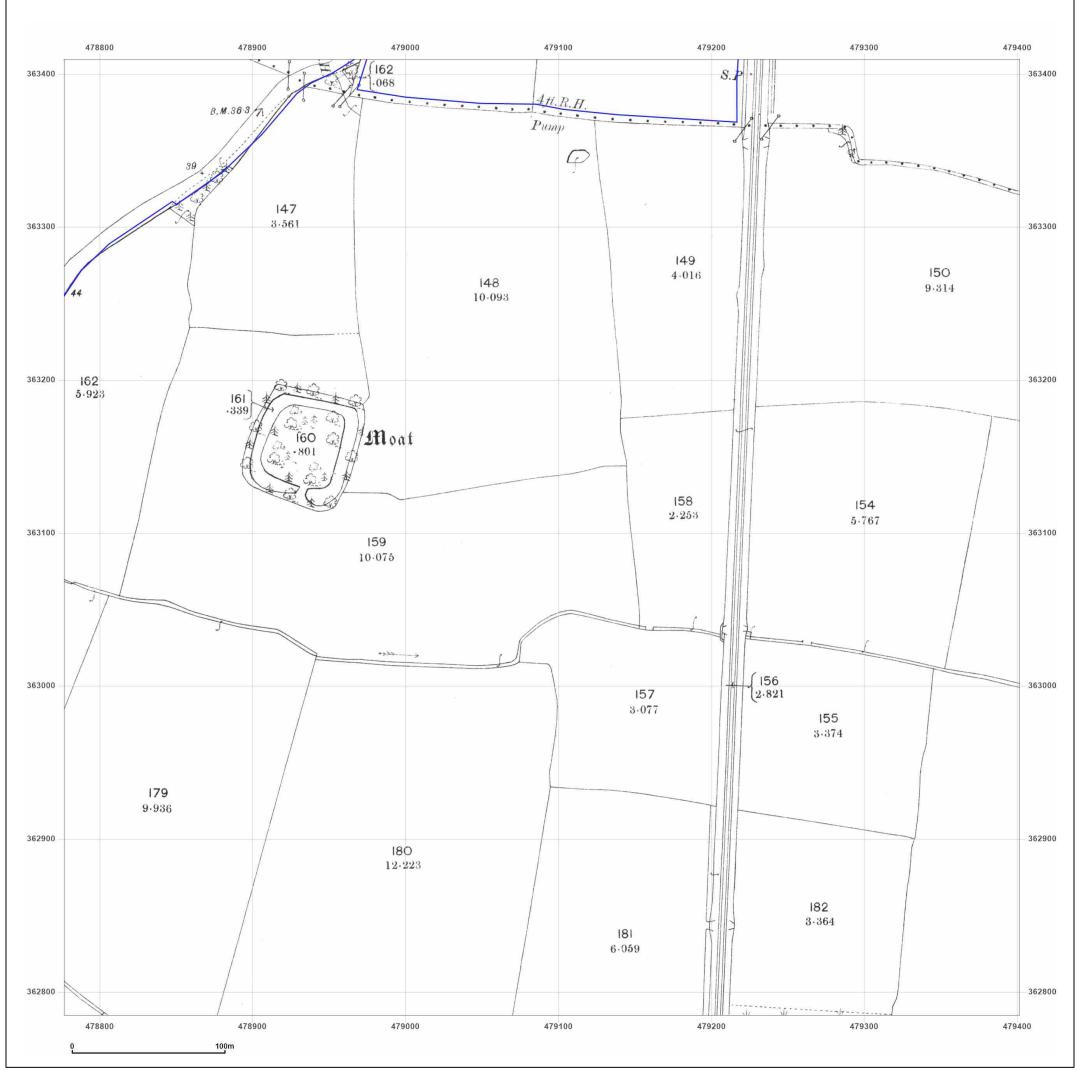




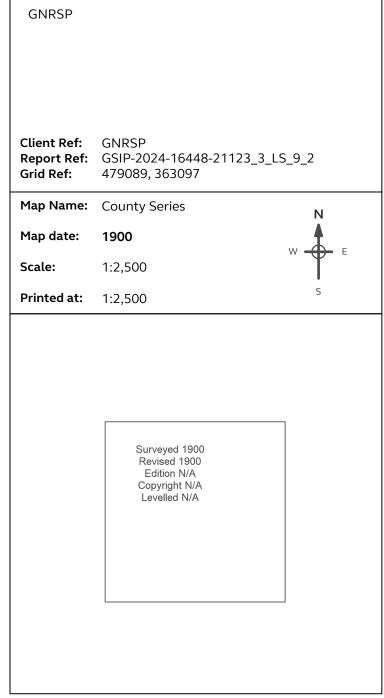
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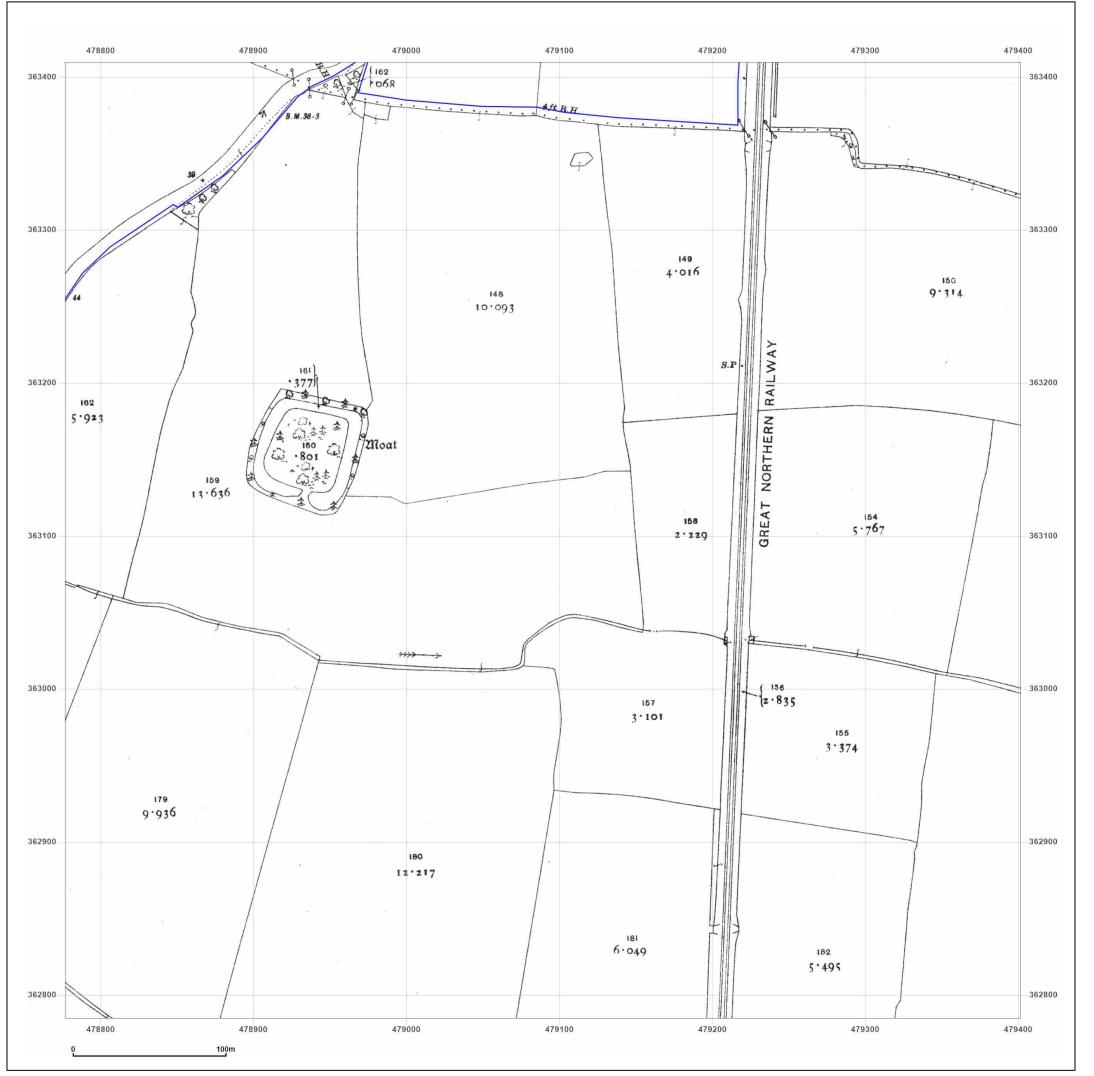




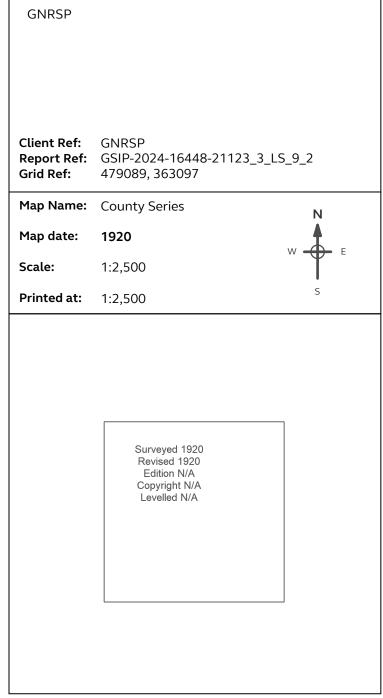
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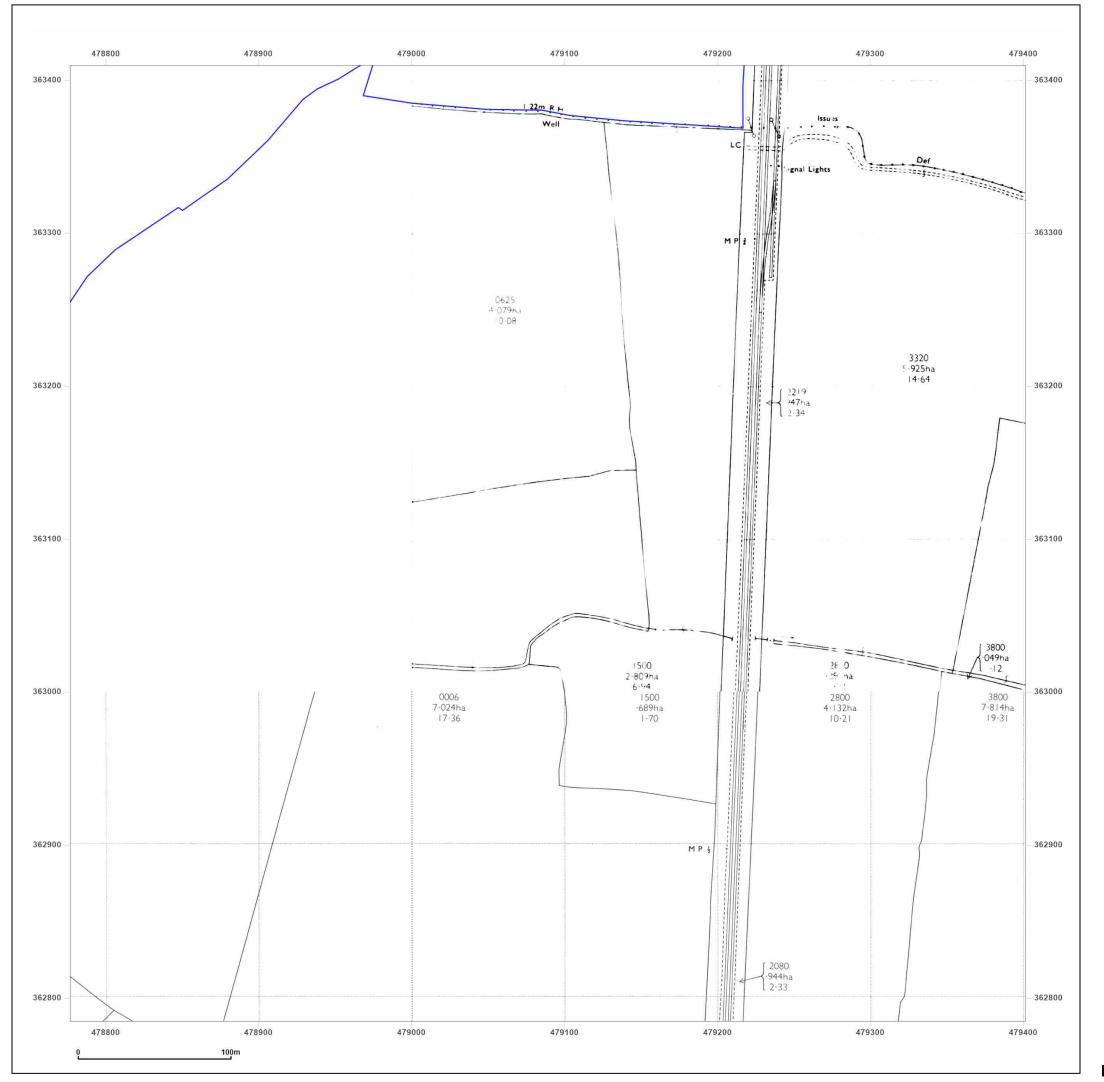




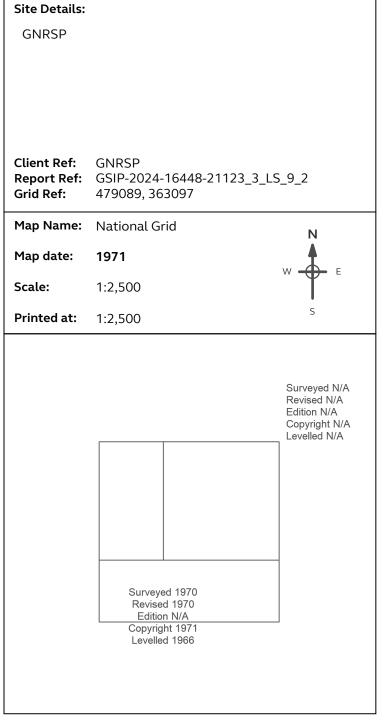
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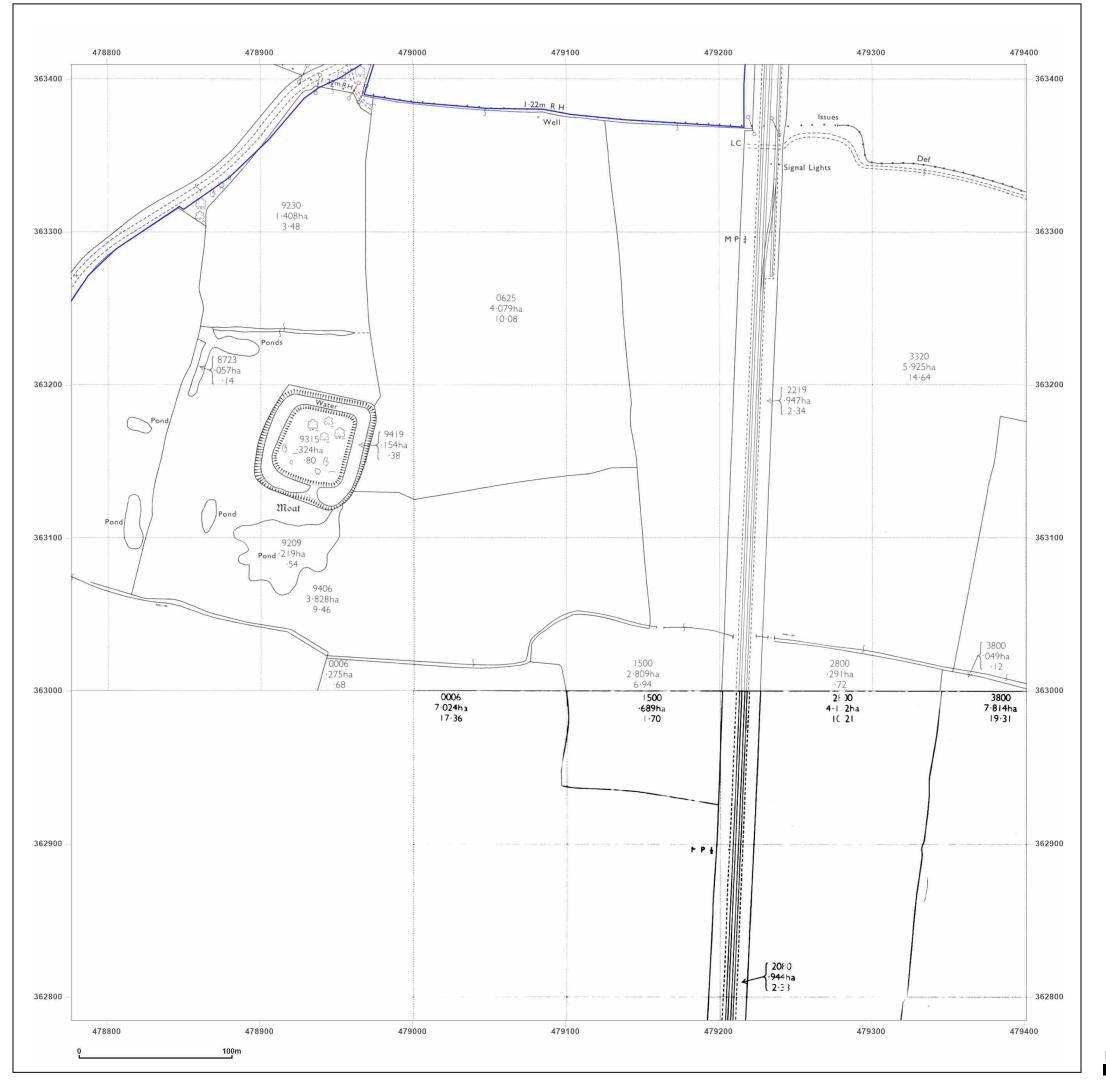




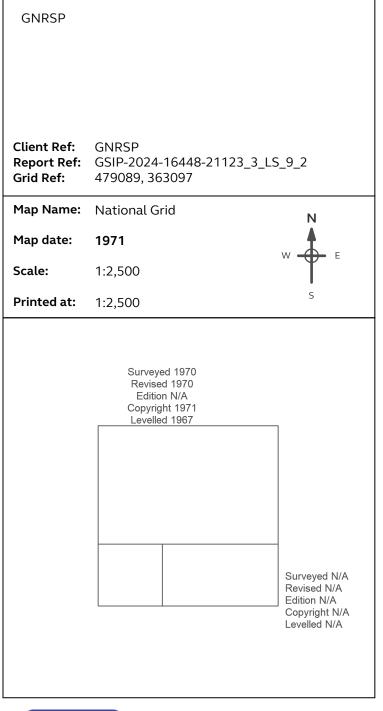
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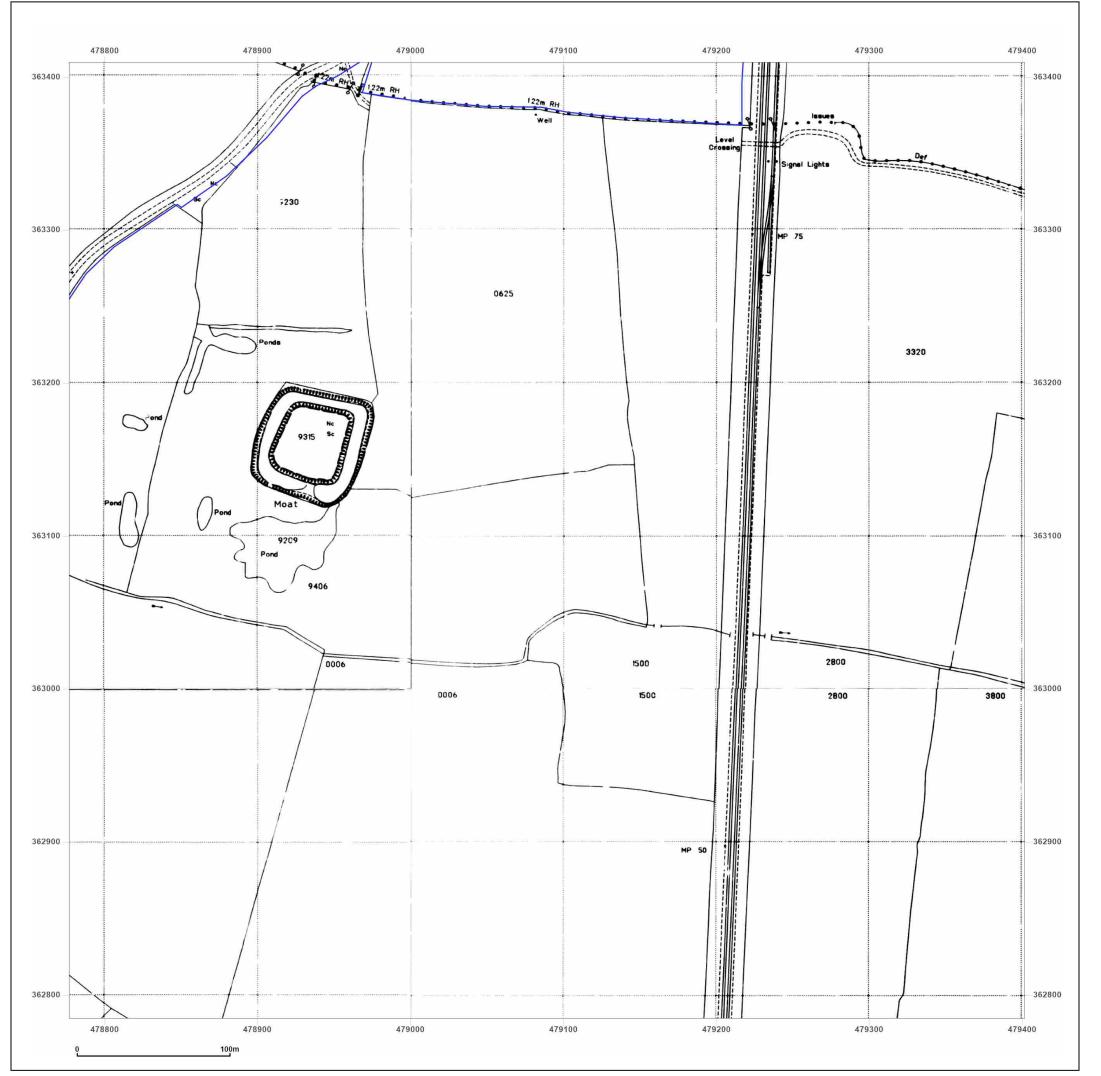




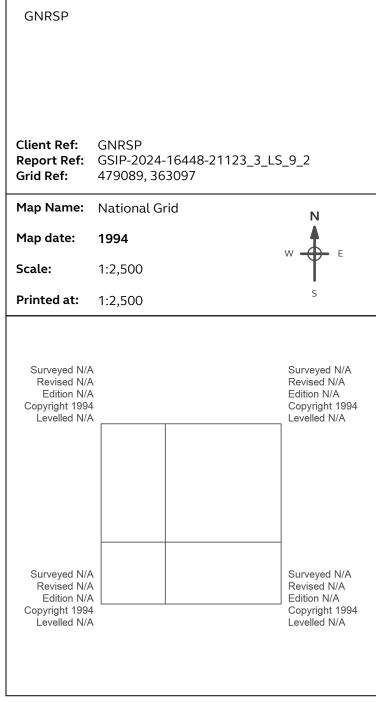
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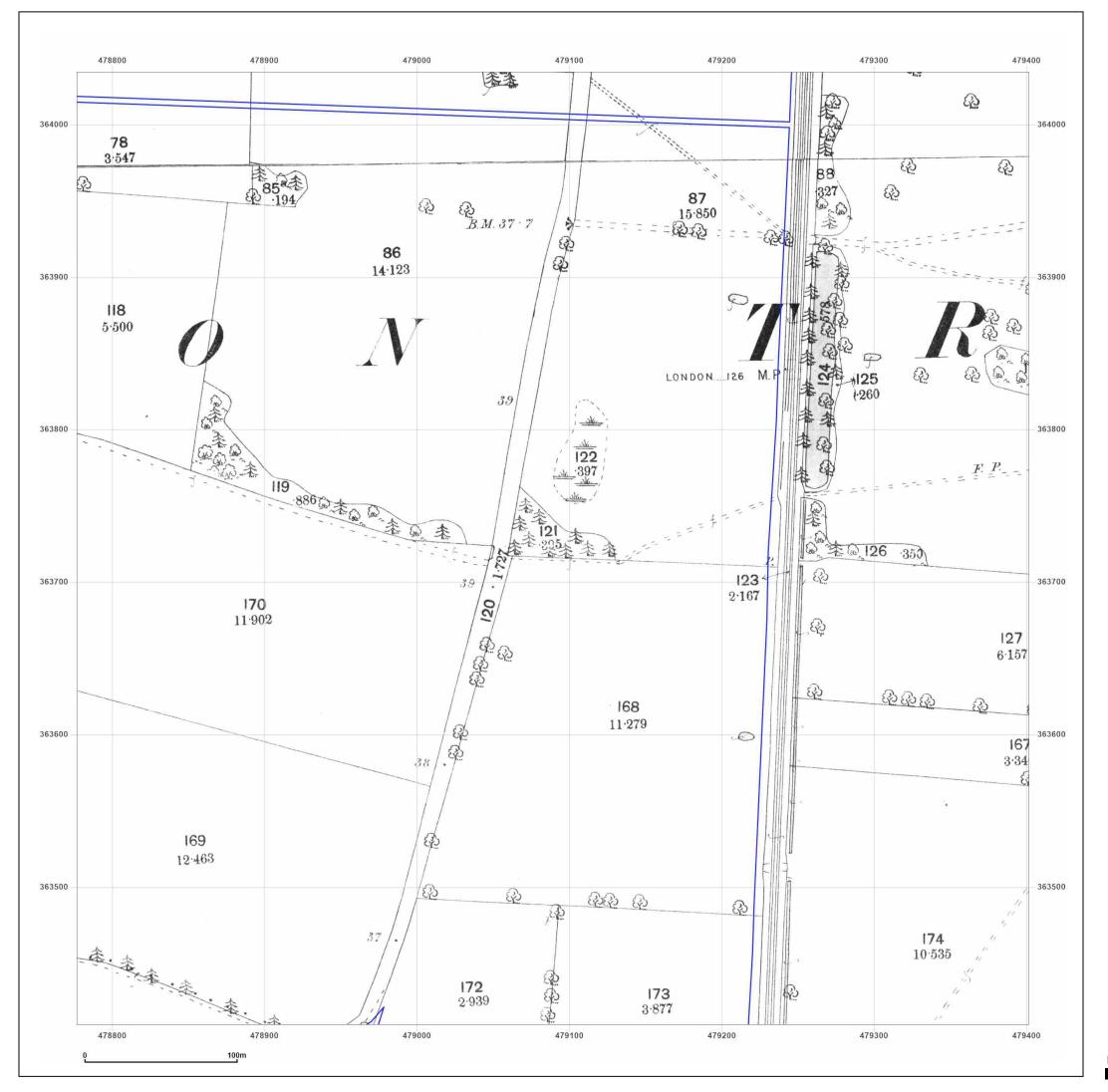




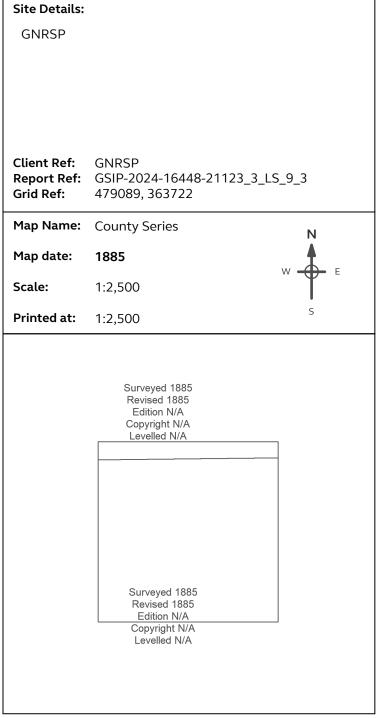
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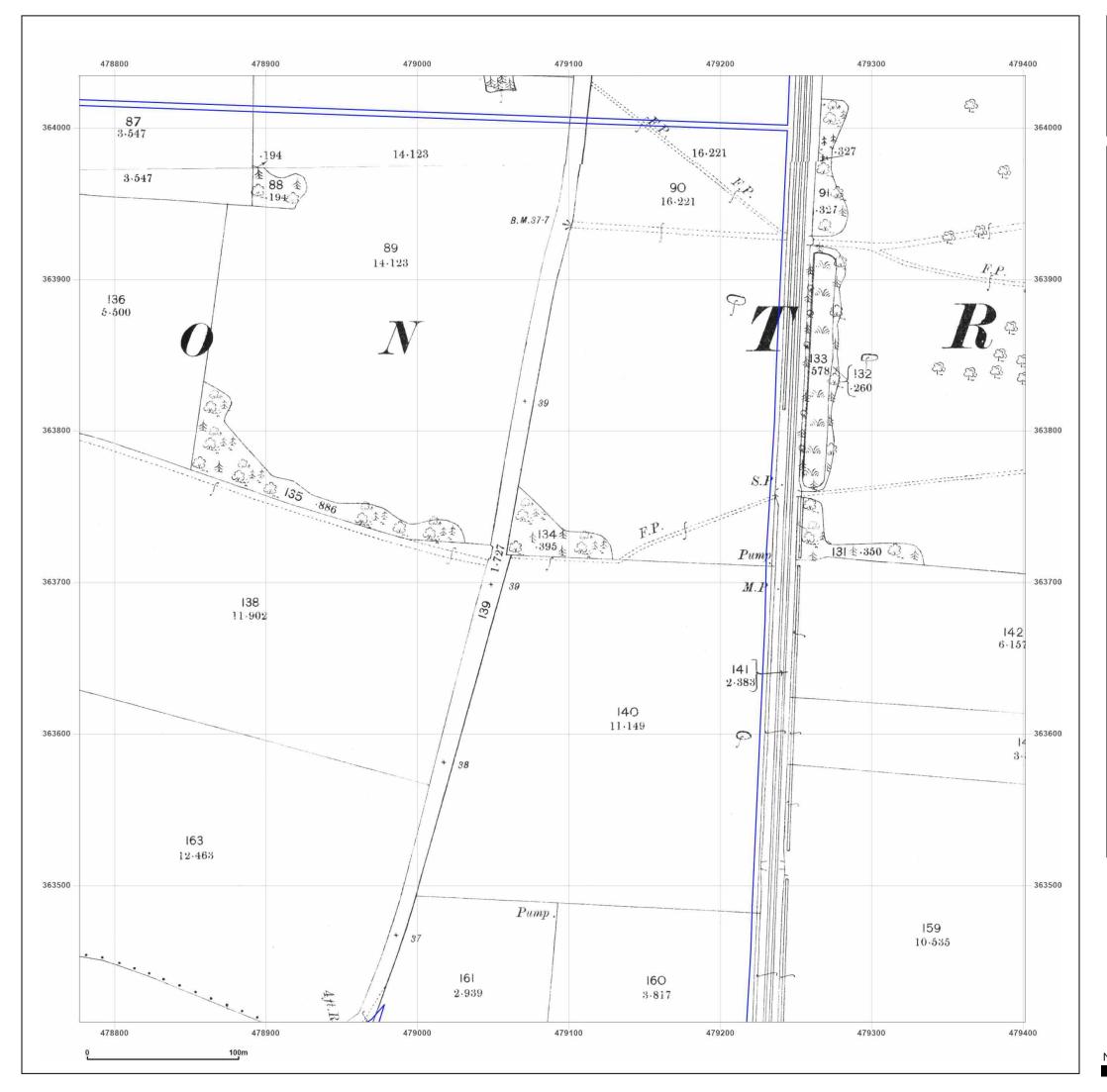




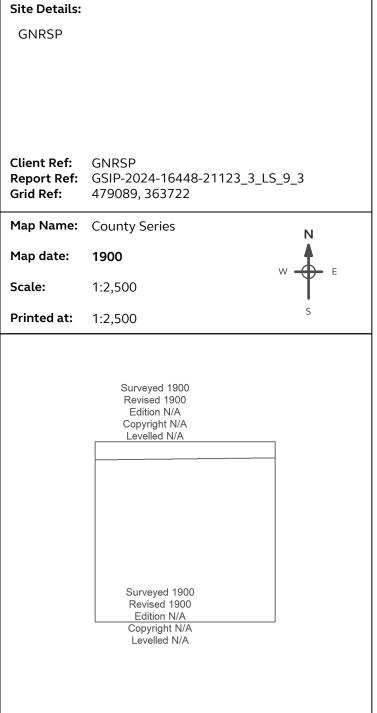
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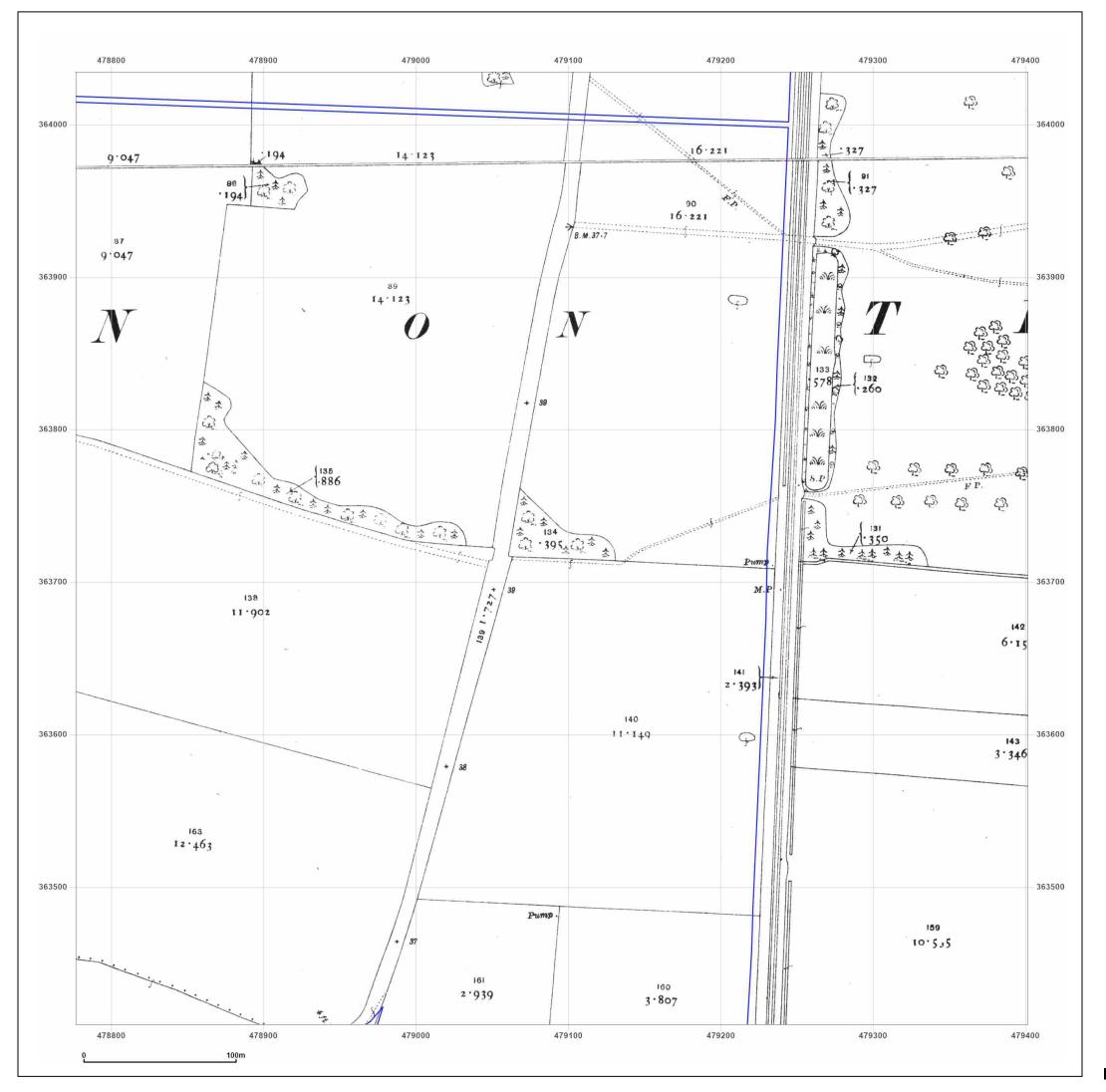




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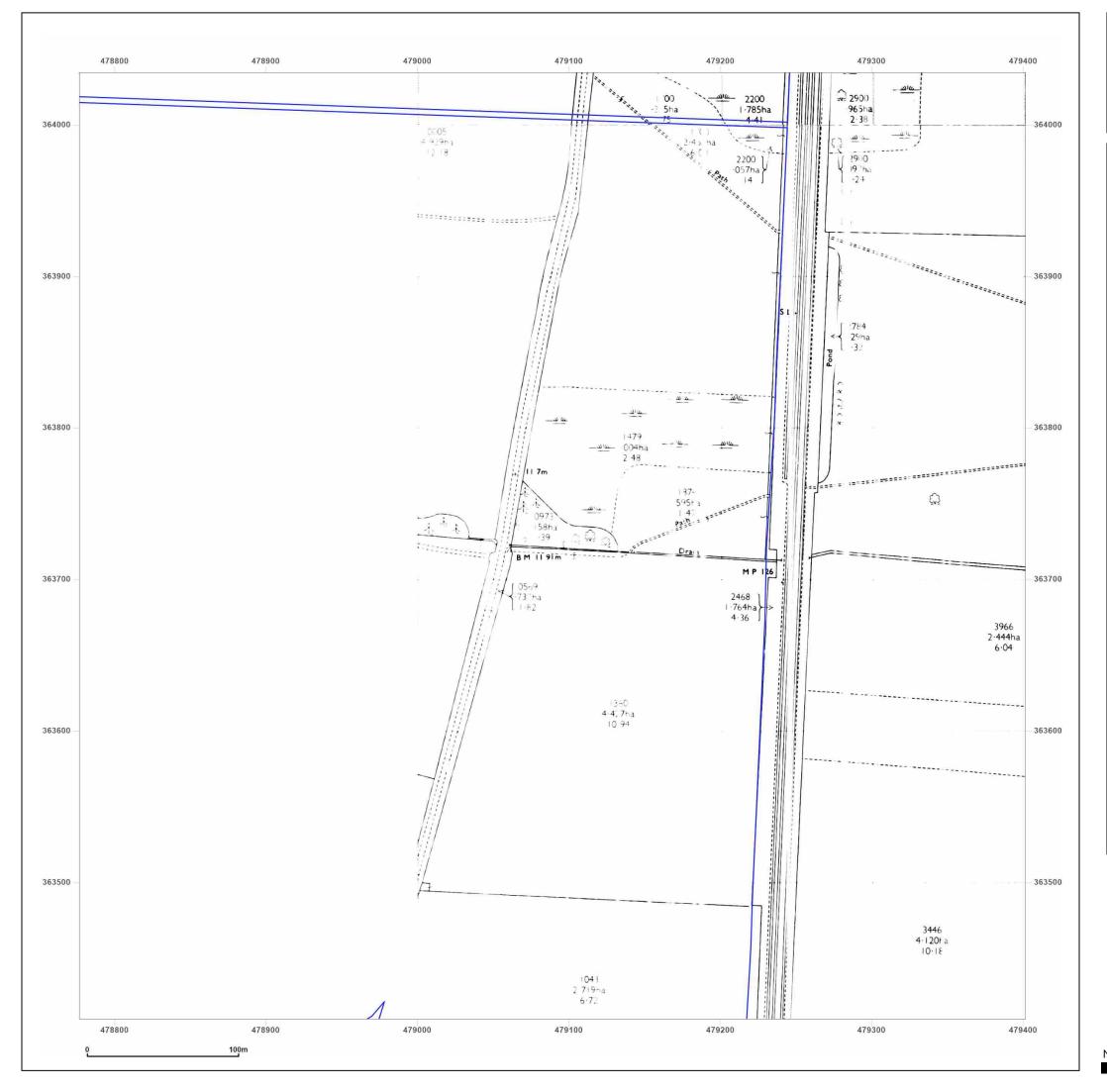
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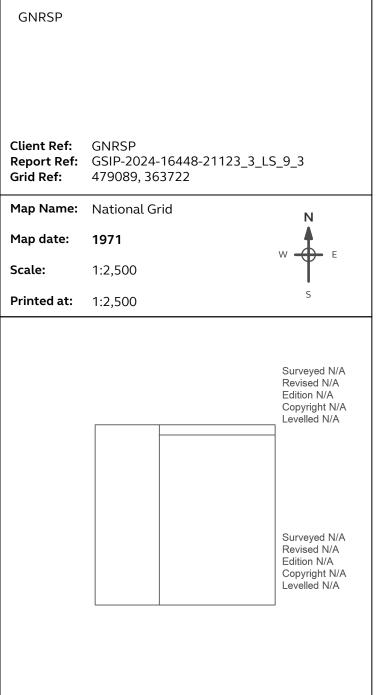
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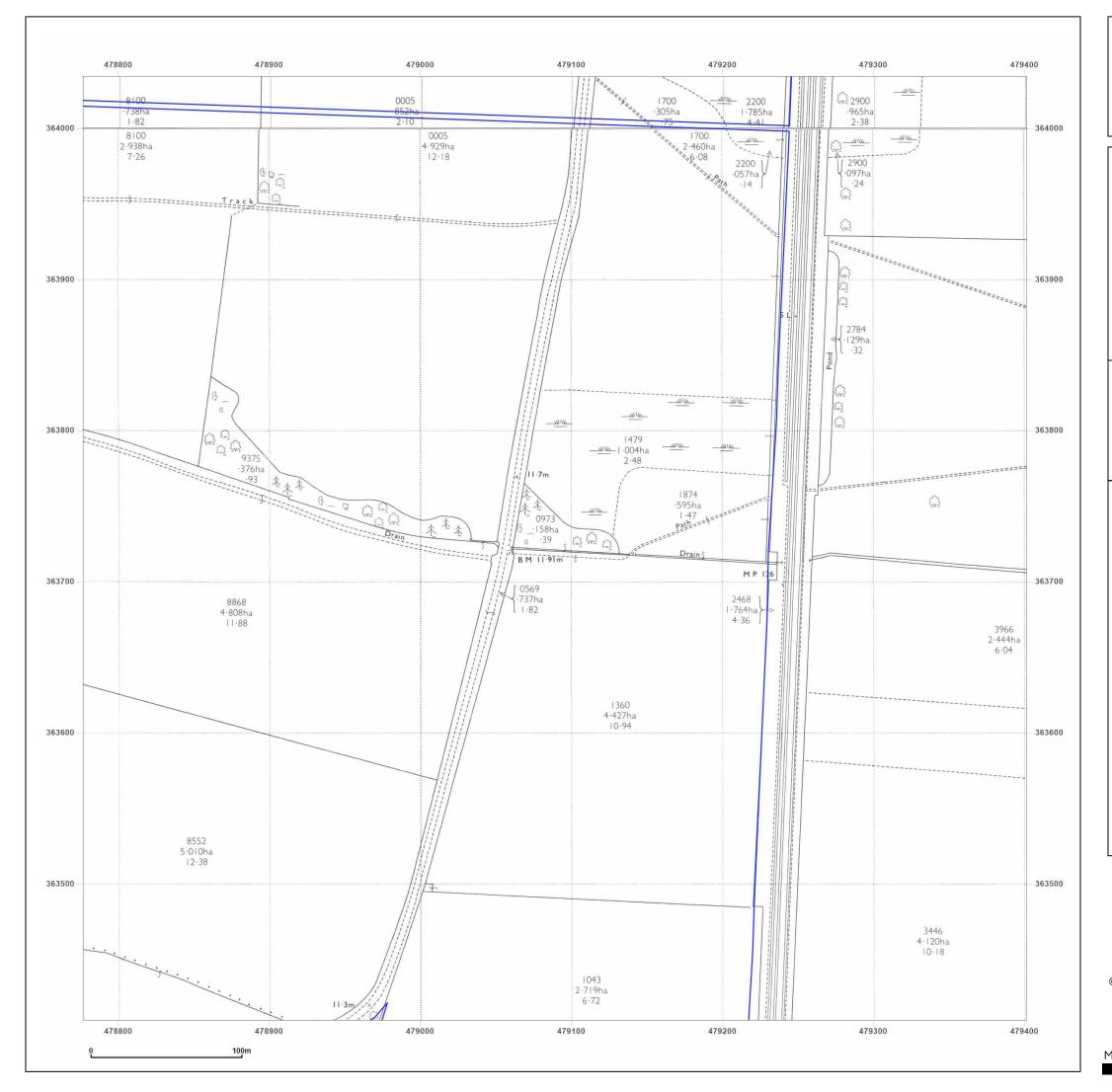




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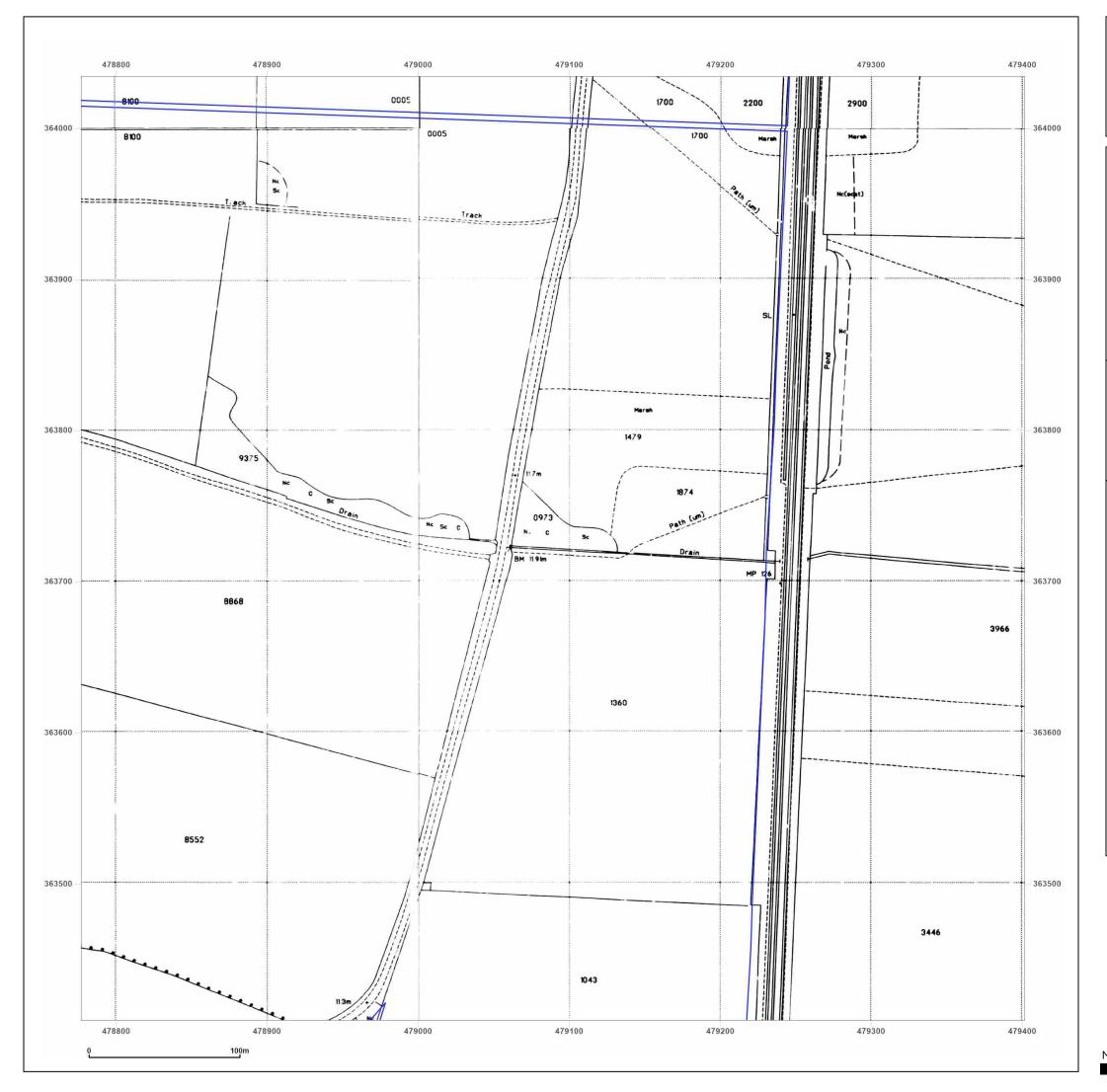
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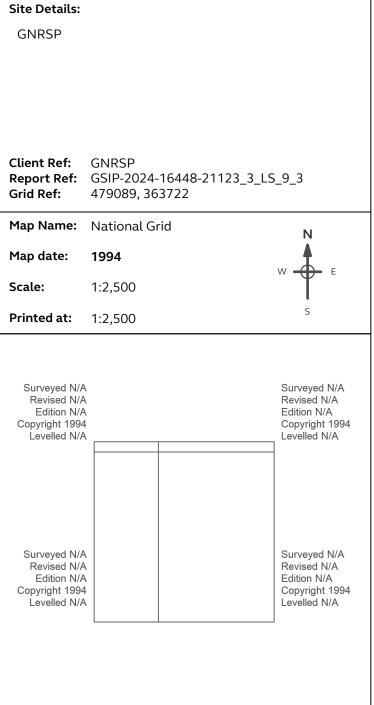
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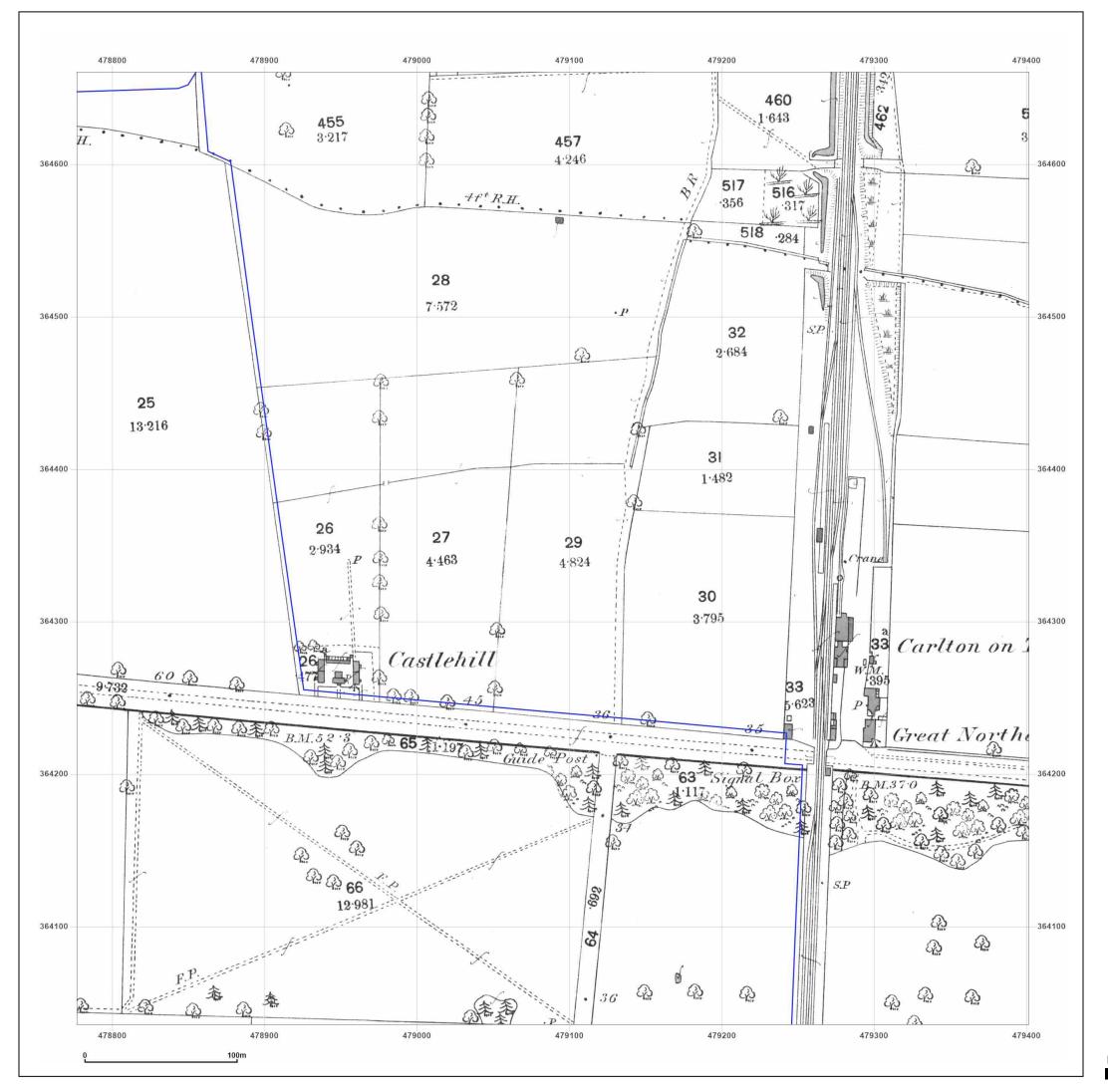




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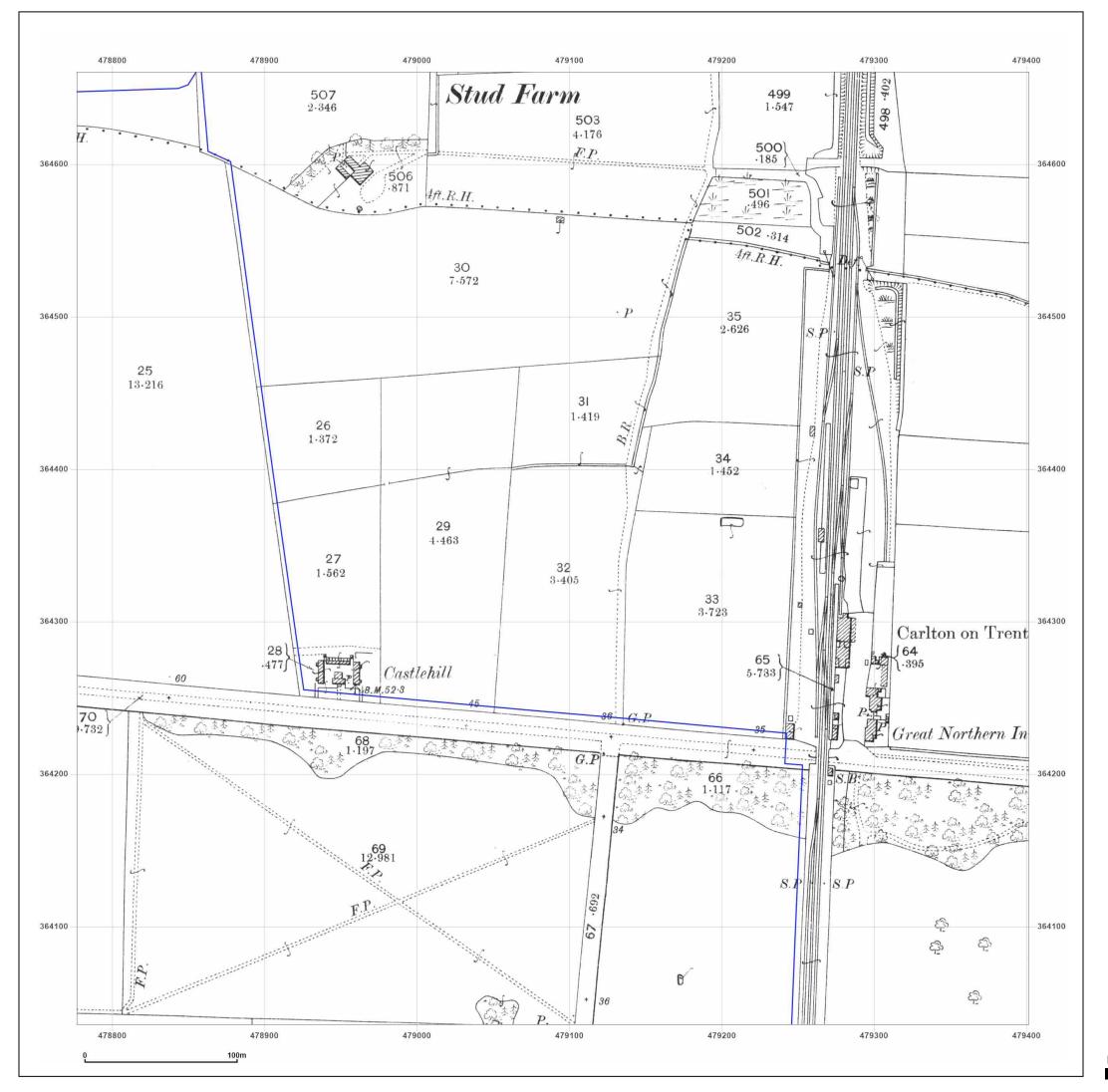
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Map Name:	County Series N
Map date:	1885
Scale:	1:2,500
Printed at:	1:2,500 S
	Surveyed 1885 Revised 1885 Edition N/A Copyright N/A Levelled N/A



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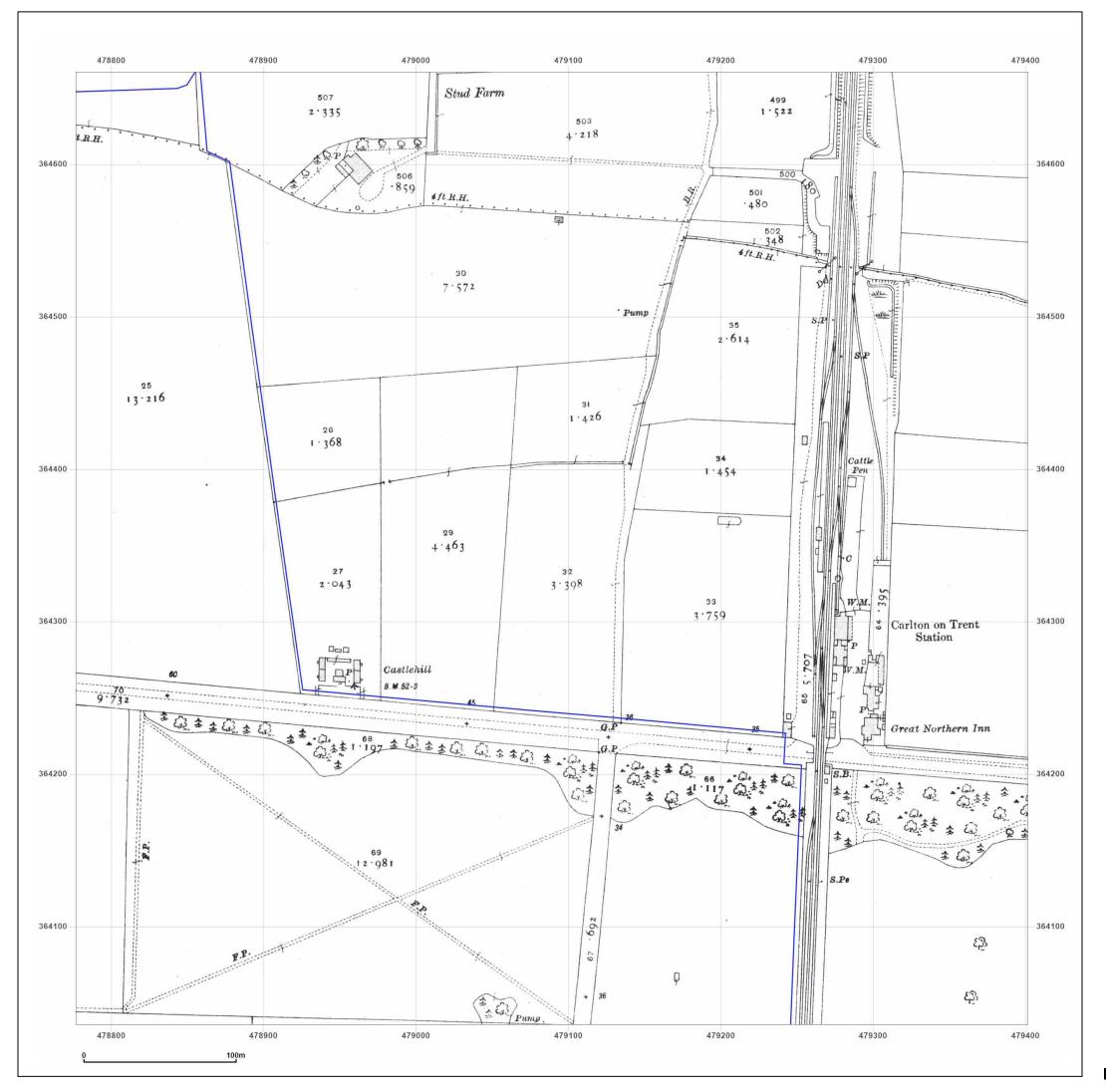
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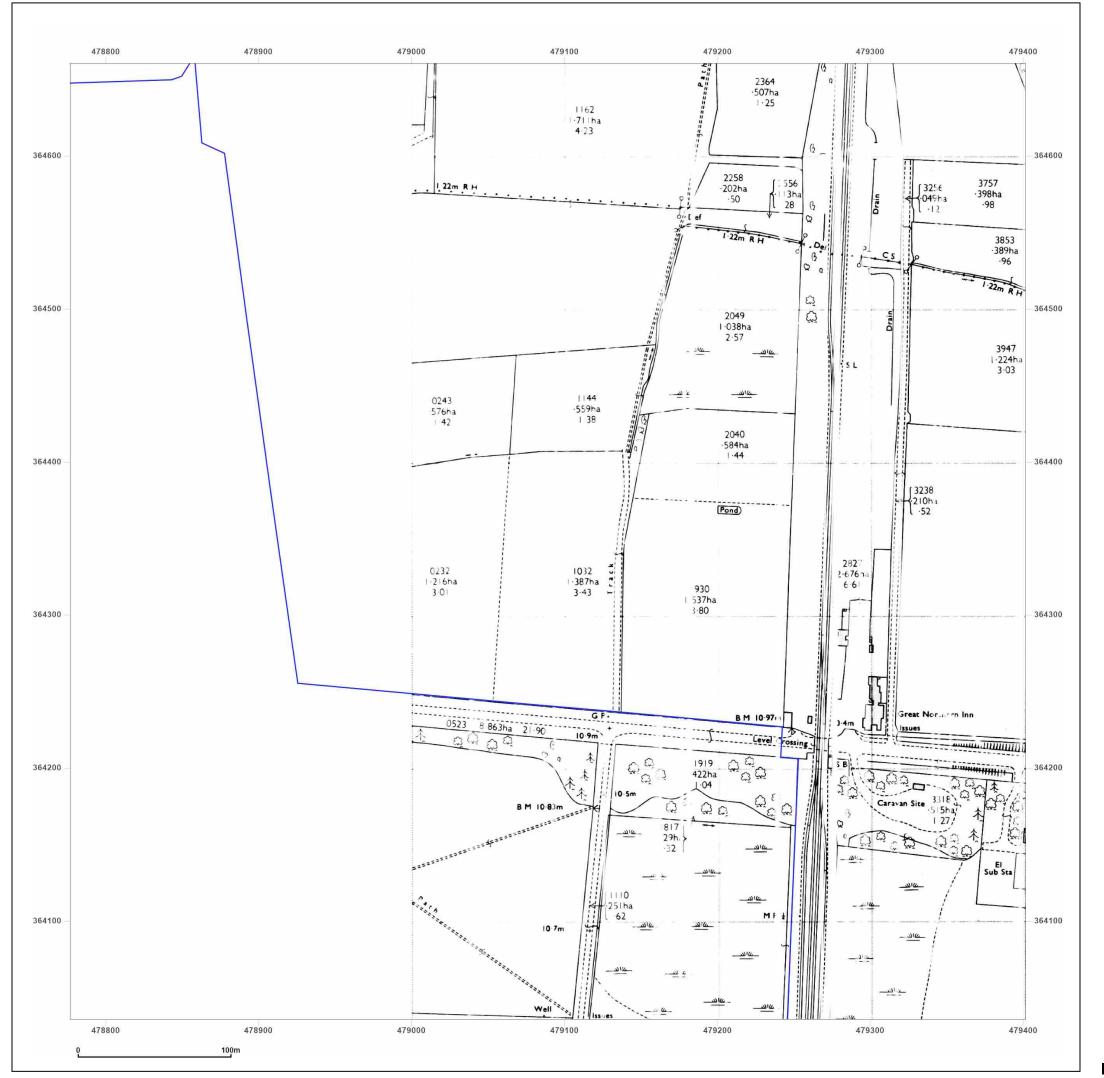
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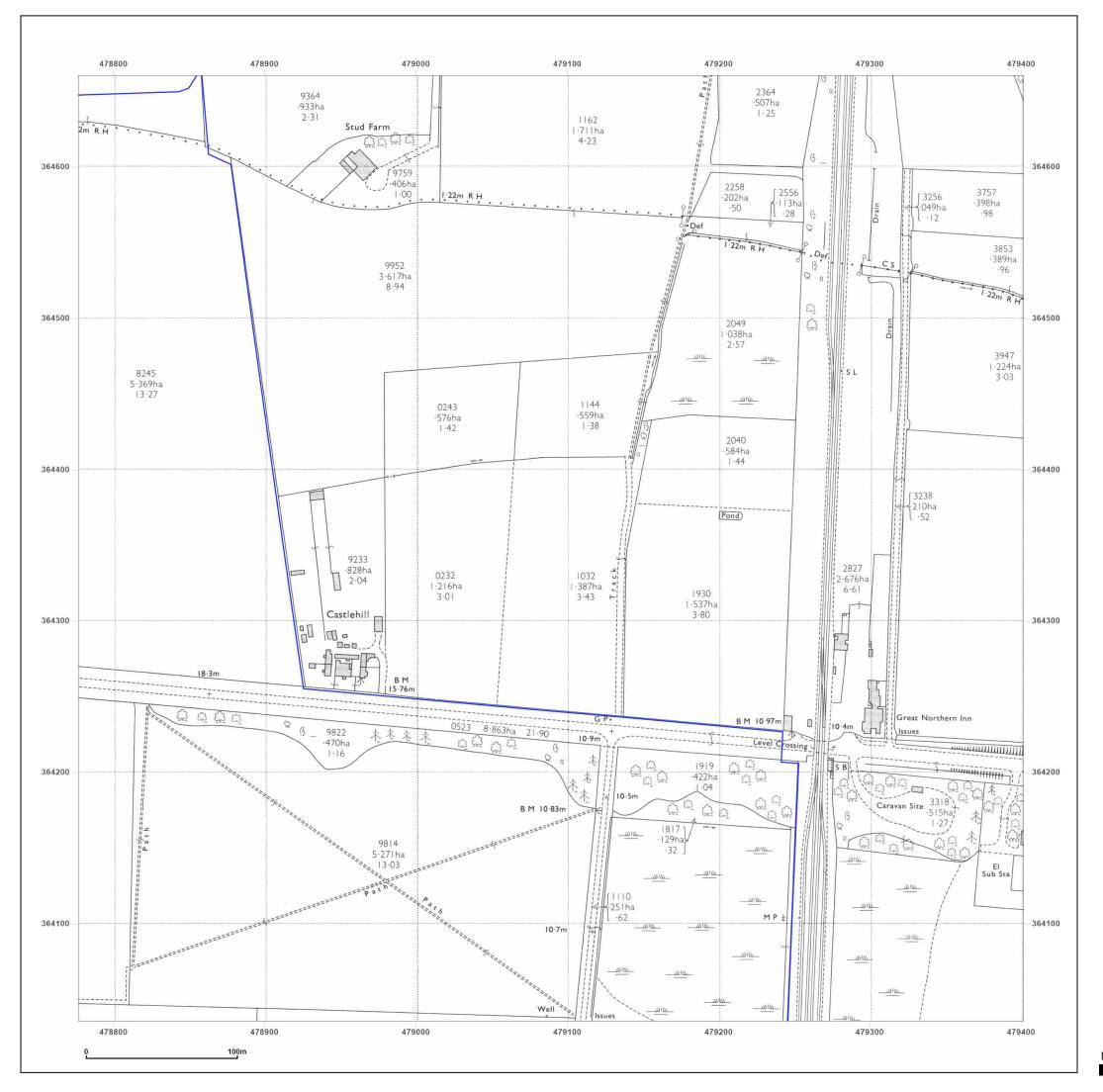
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			Revised N/A Edition N/A
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			Levelled N/A



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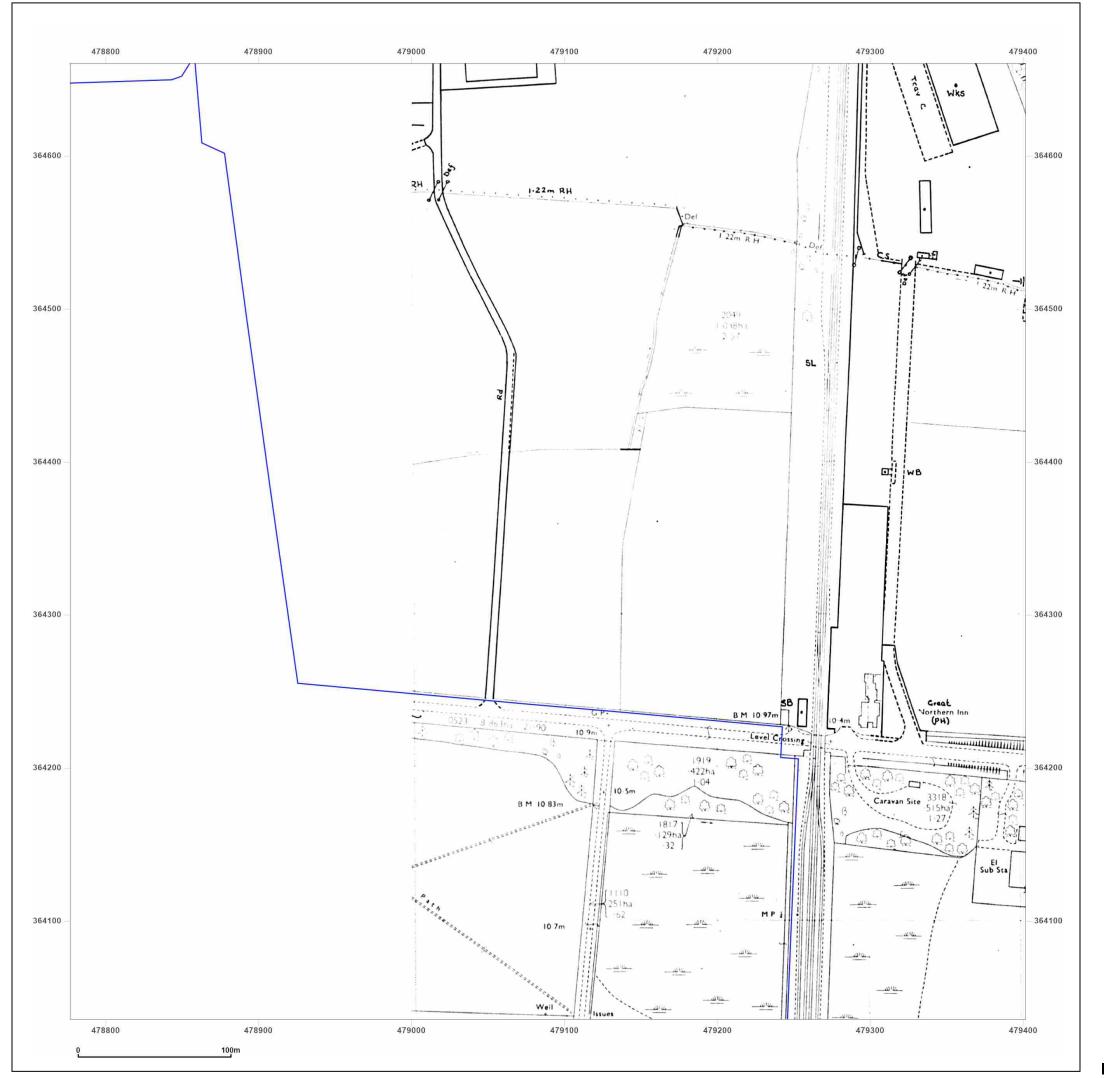
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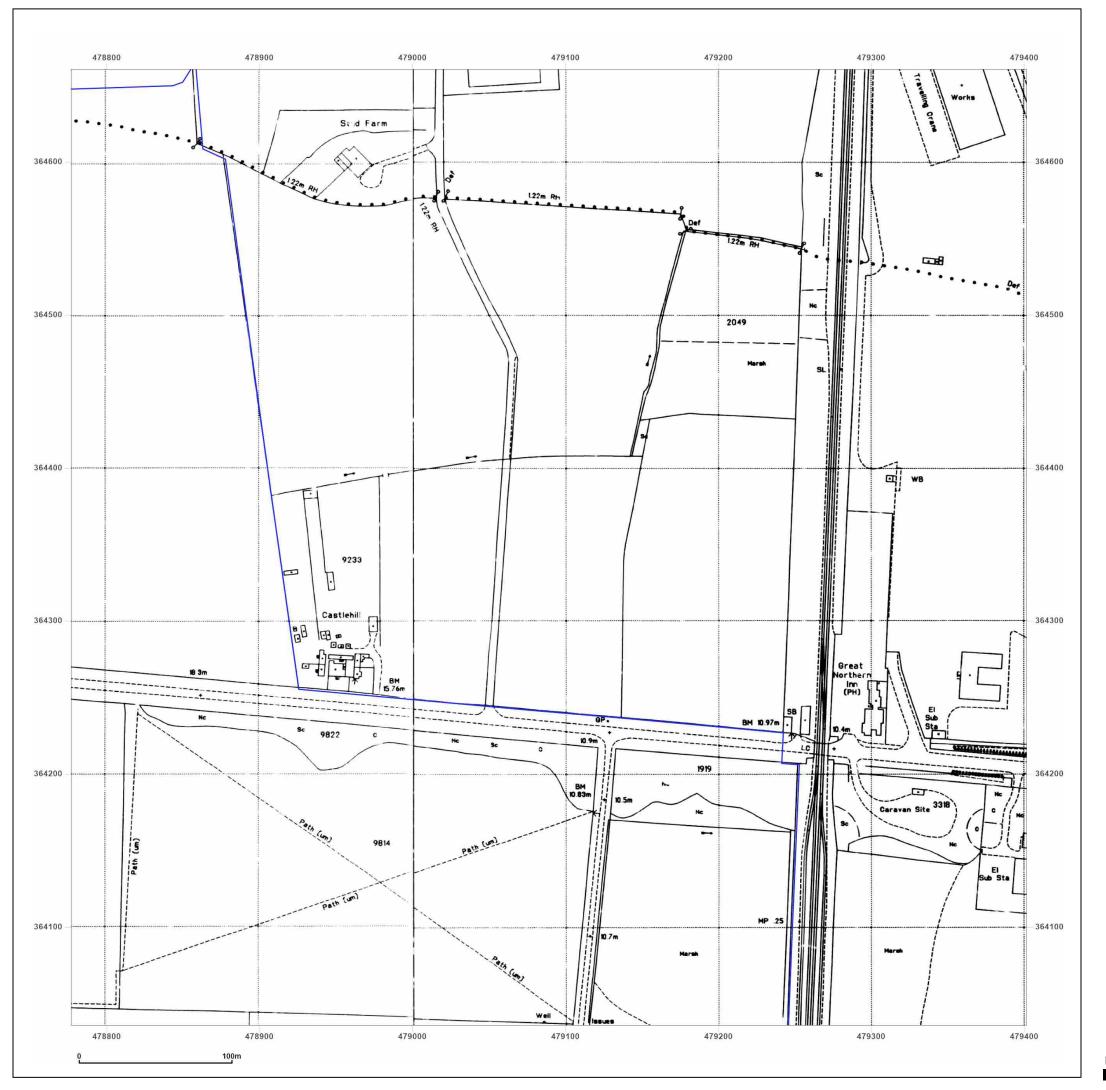
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Printed at:	1:2,500		S
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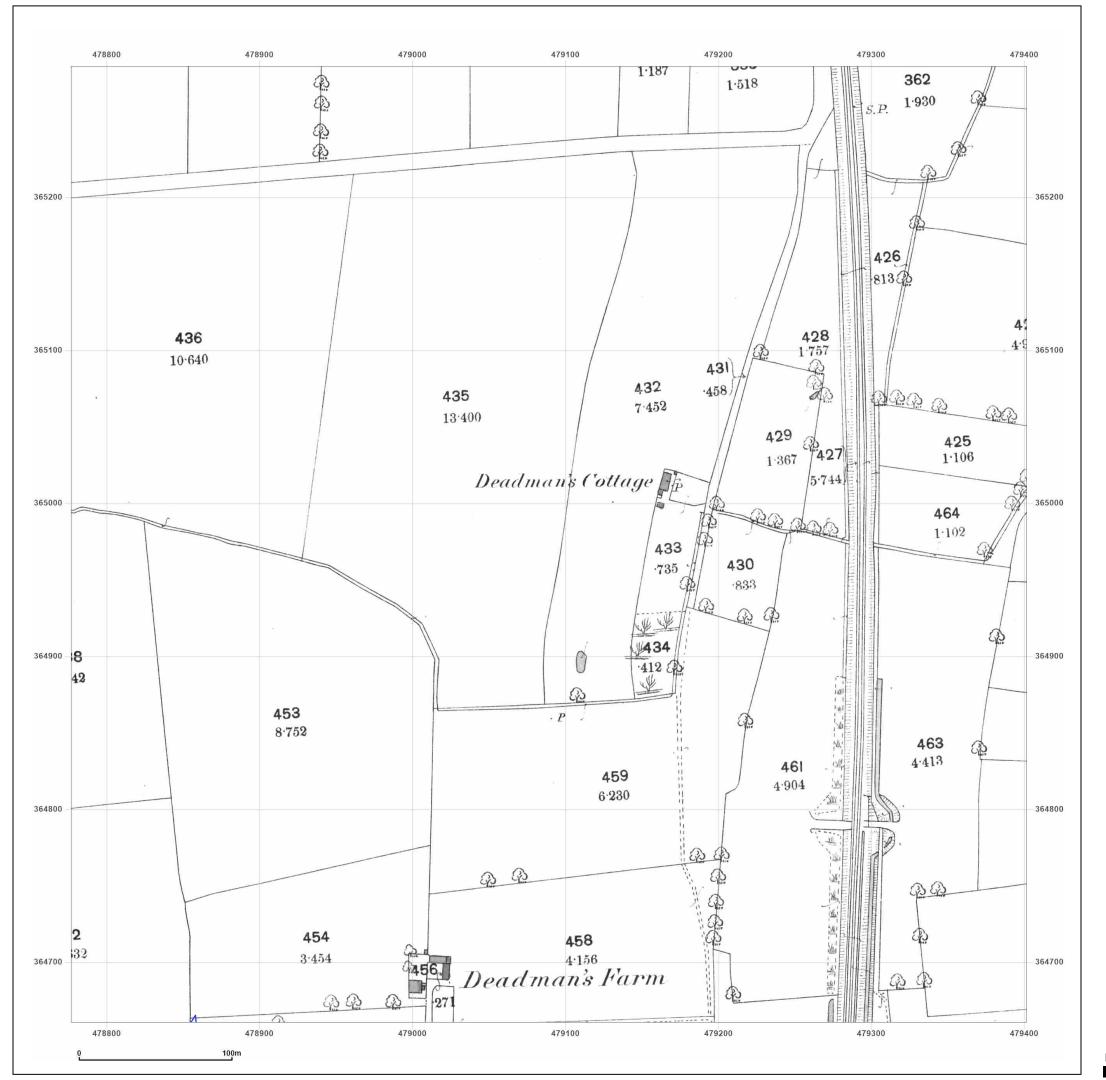
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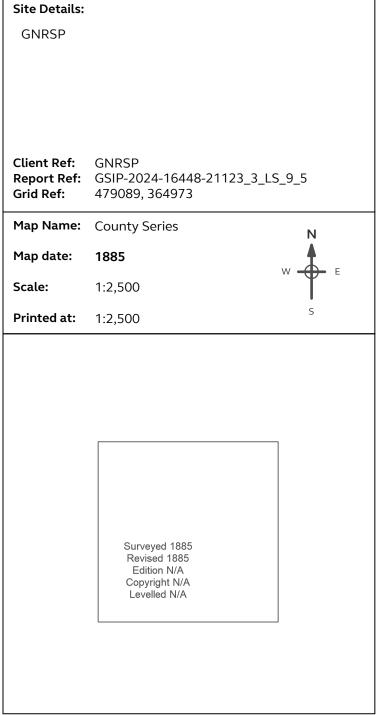
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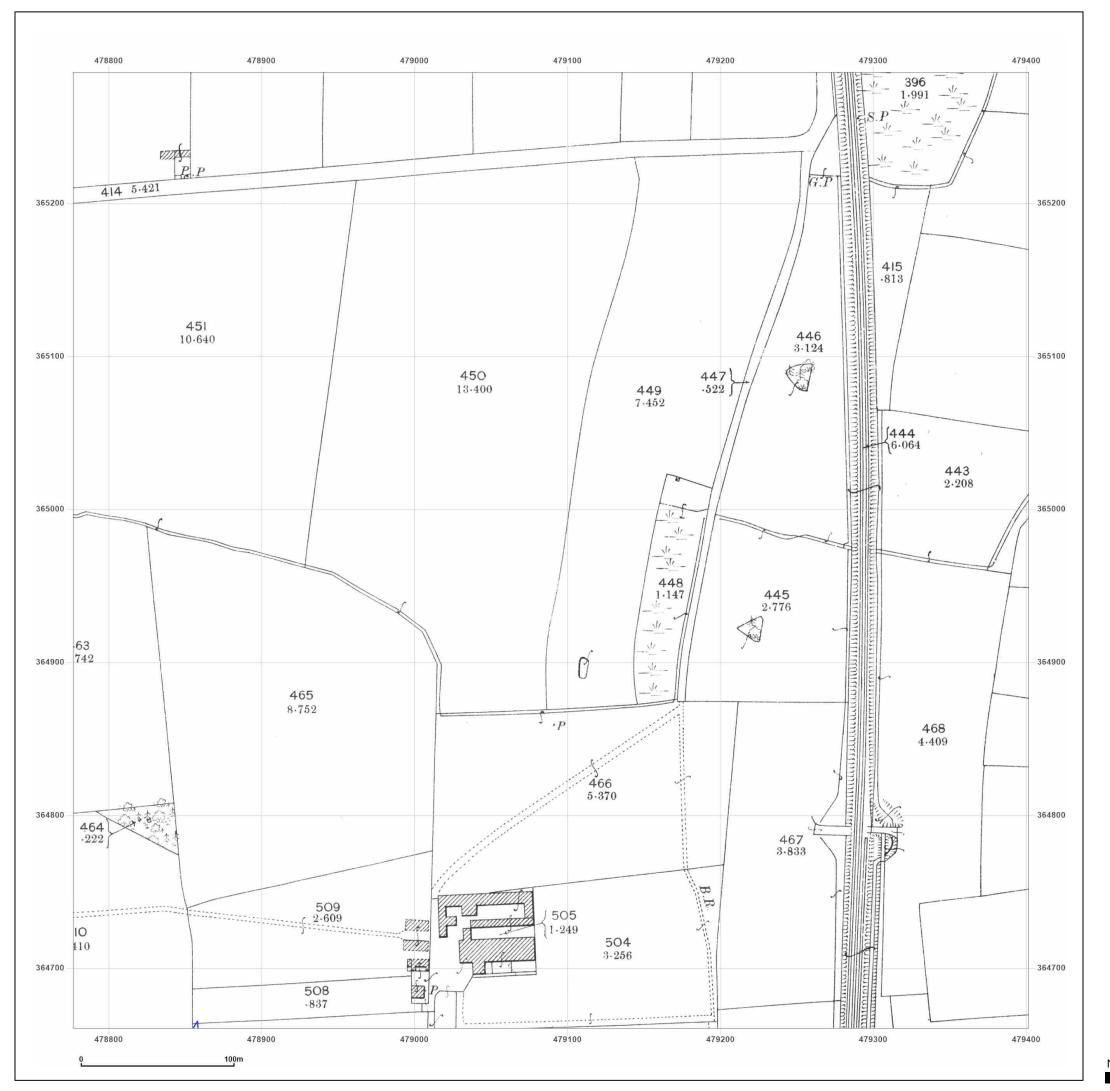




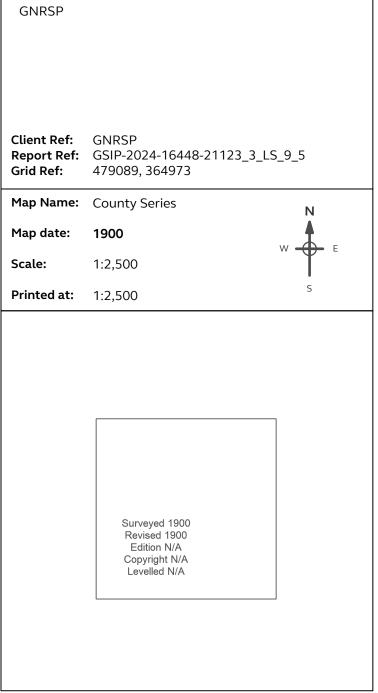
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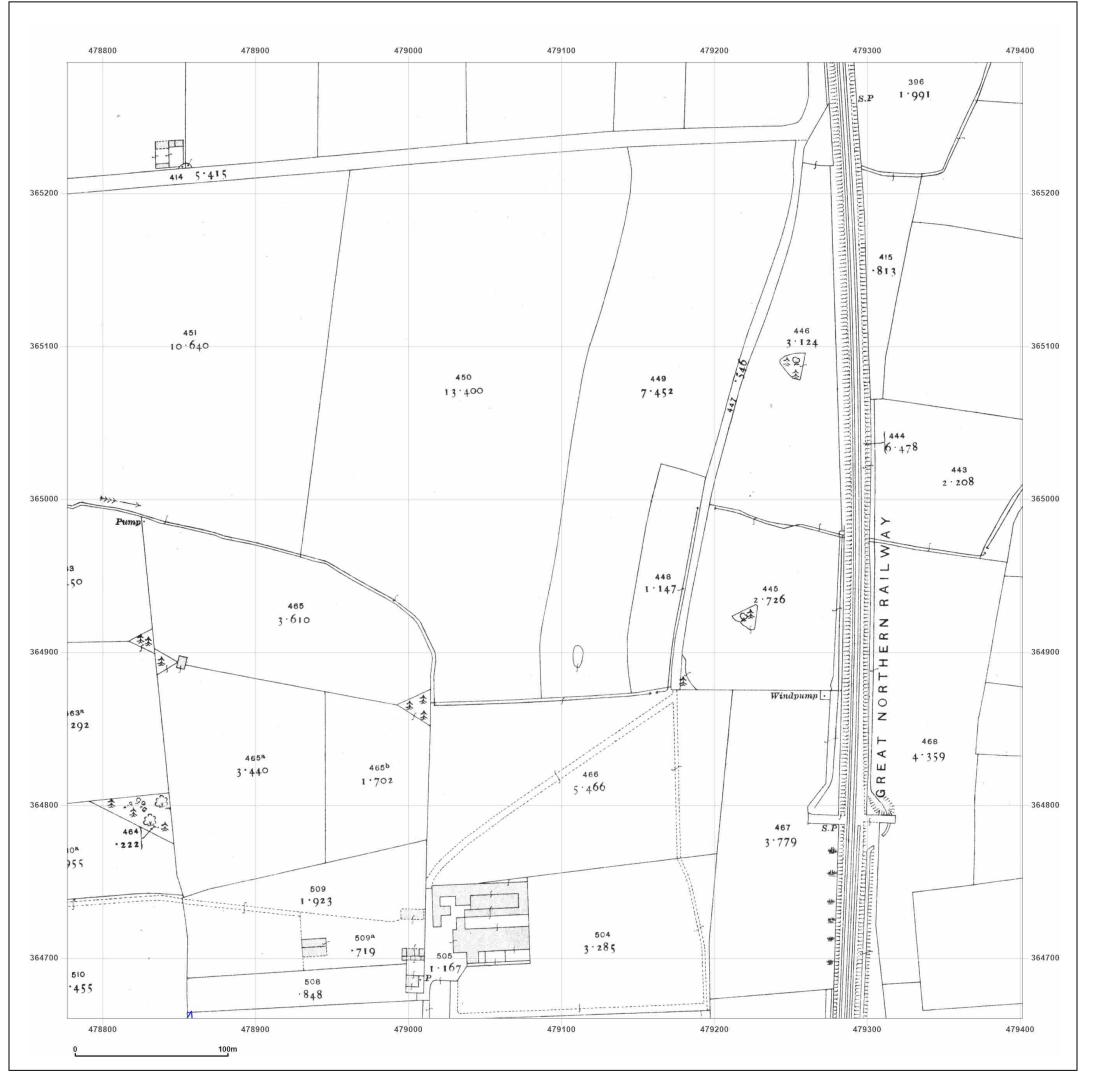




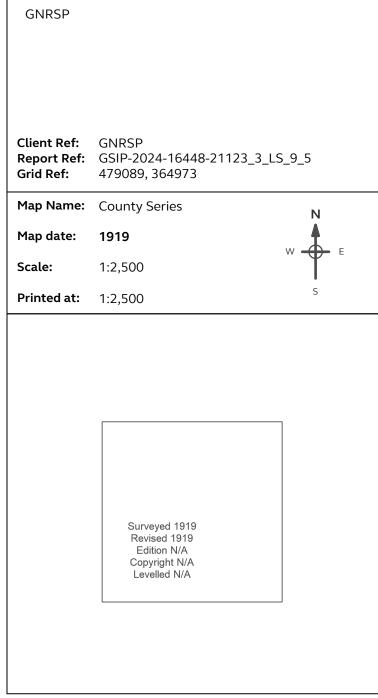
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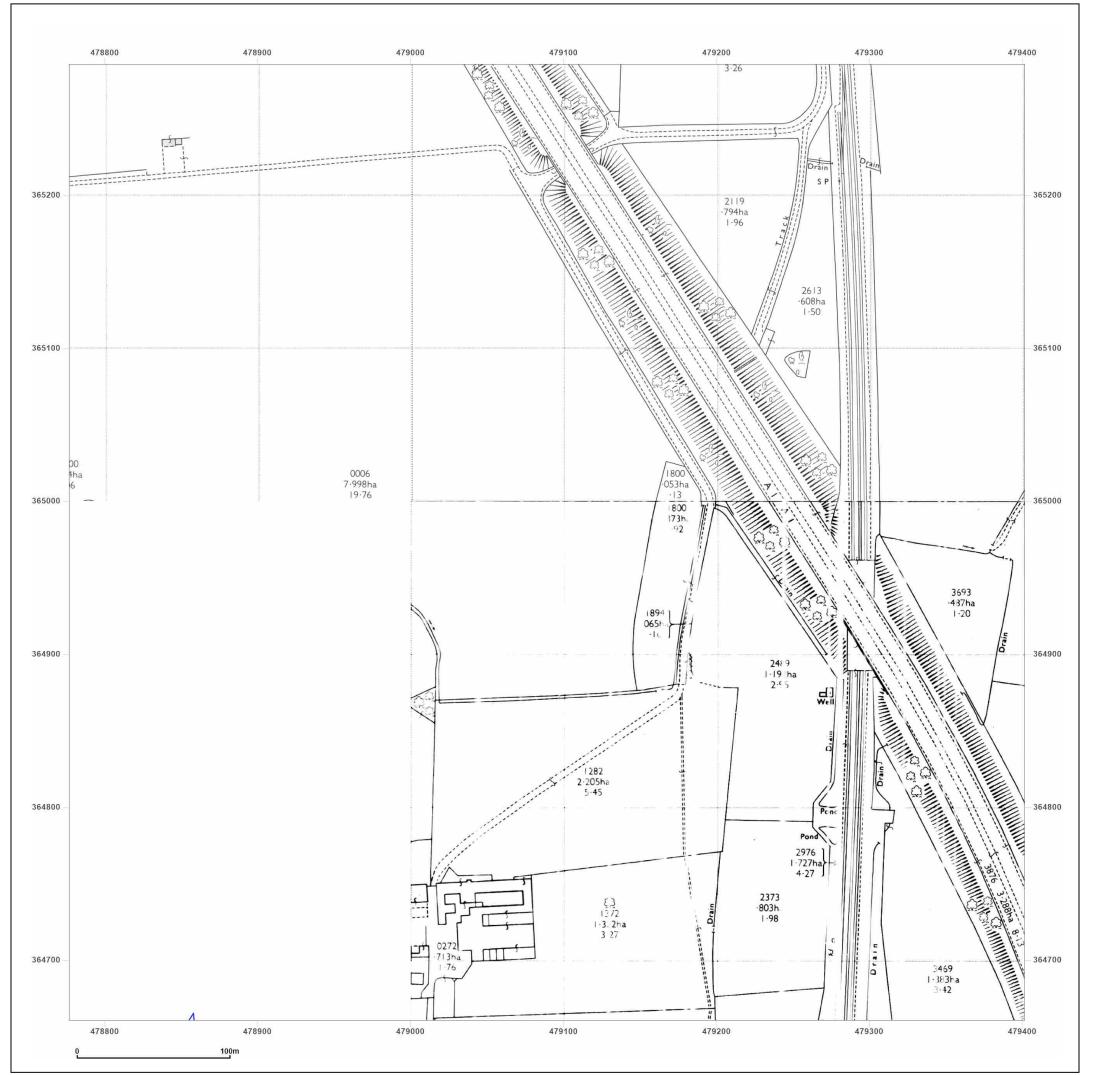




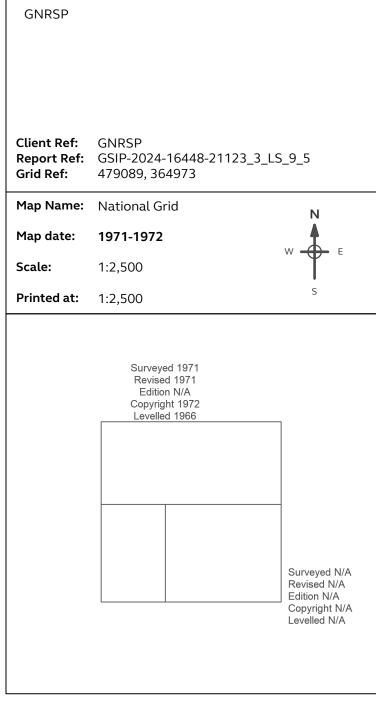
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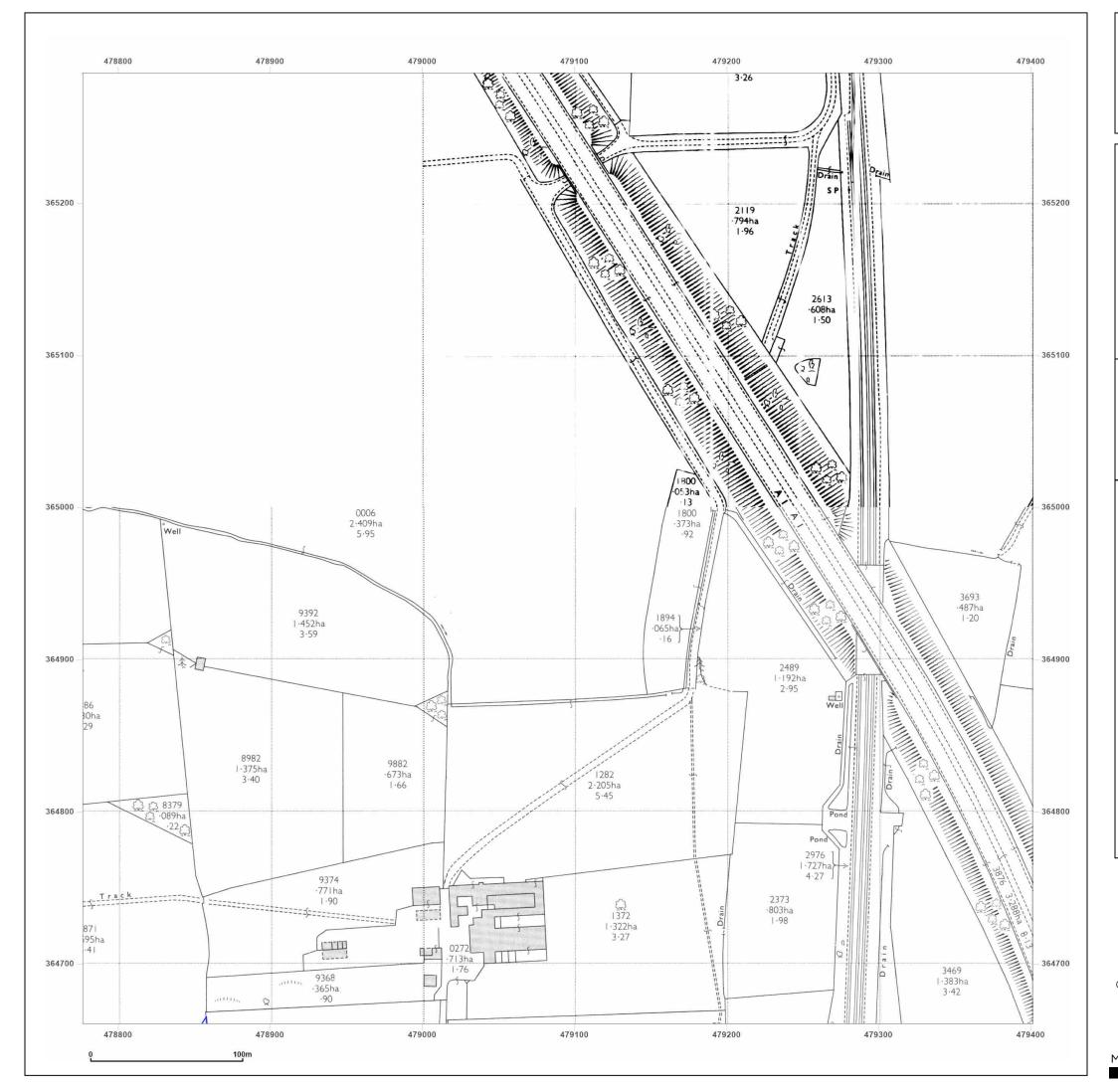




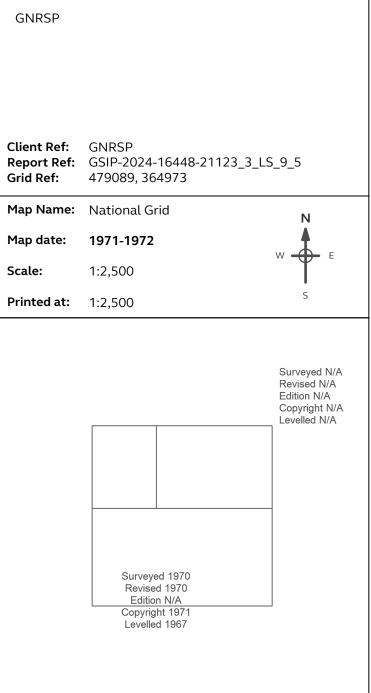
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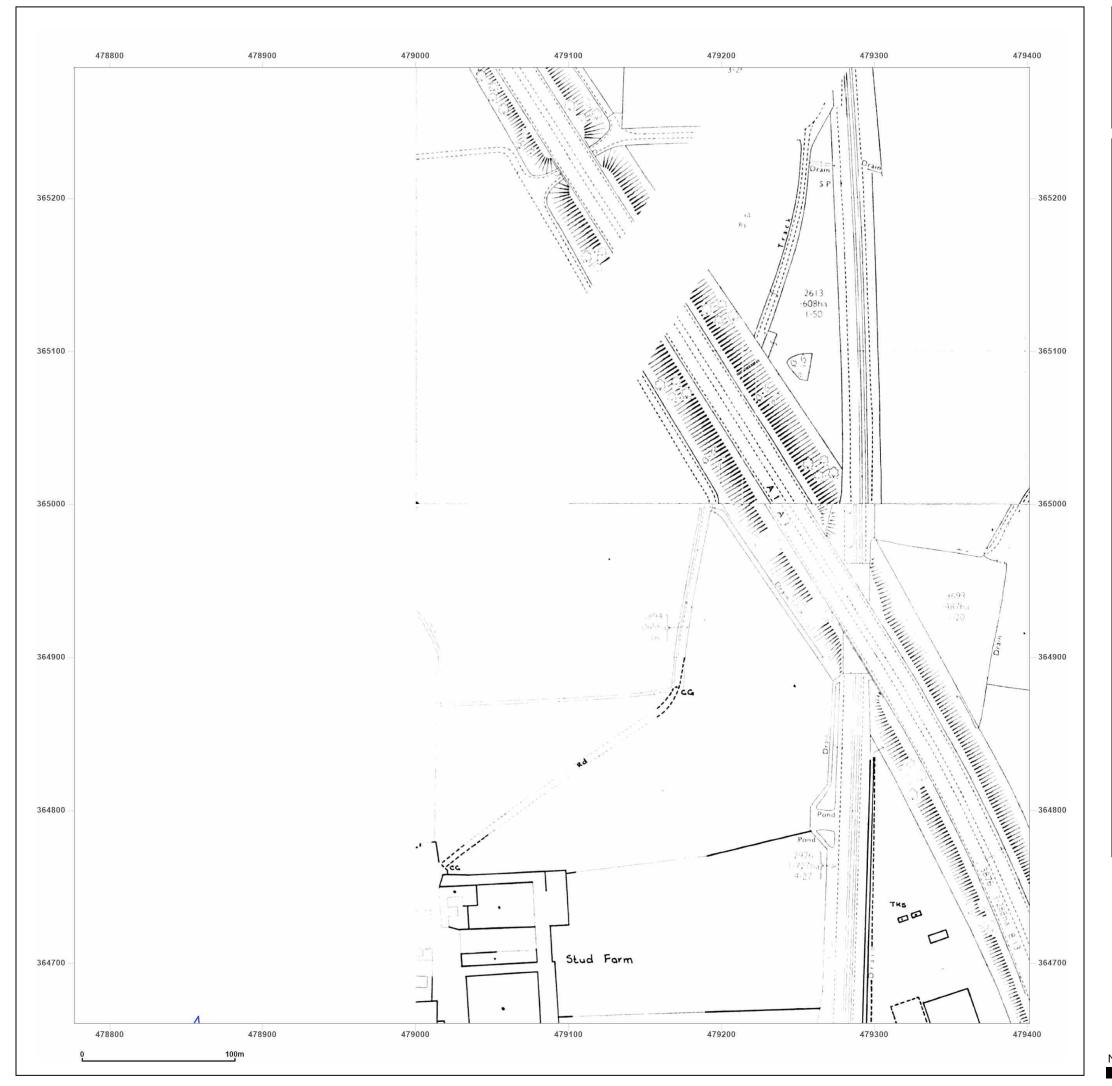




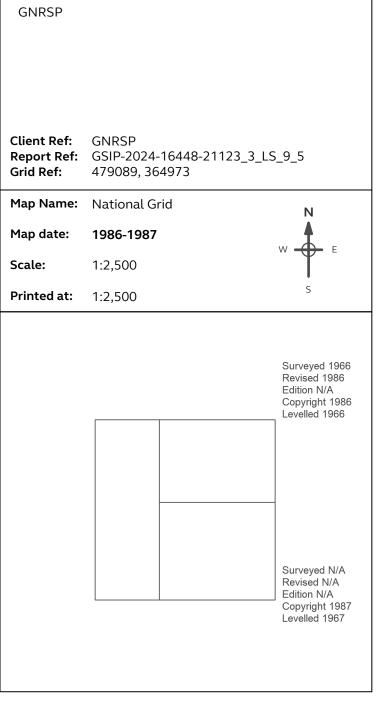
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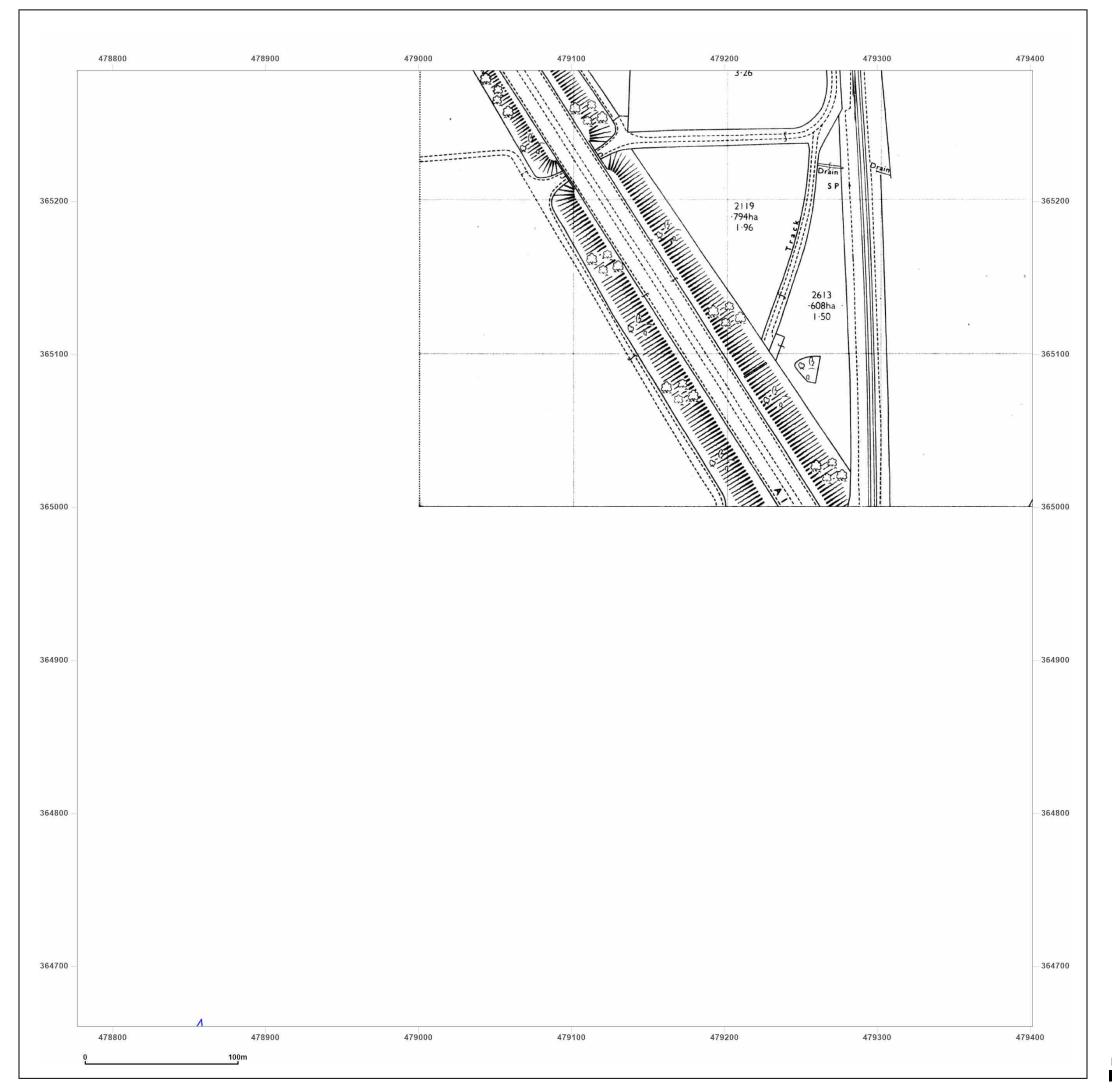




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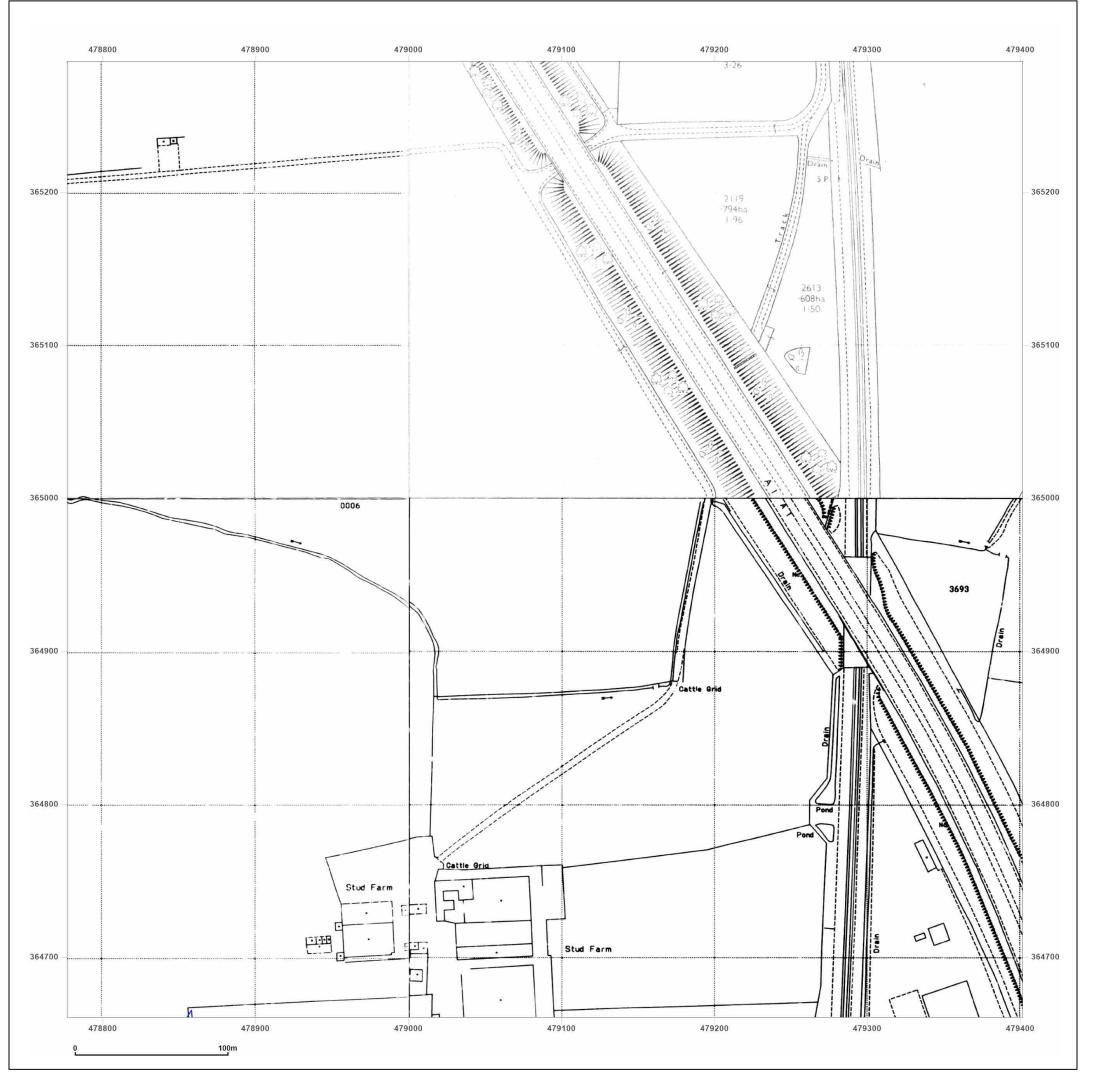
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Map date:	1991	W E
Scale:	1:2,500	
Printed at:	1:2,500	S
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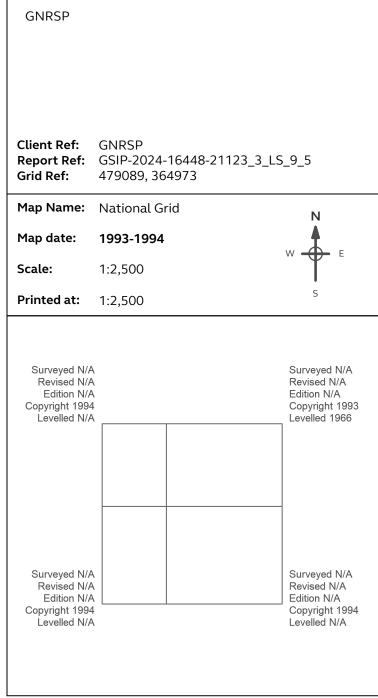
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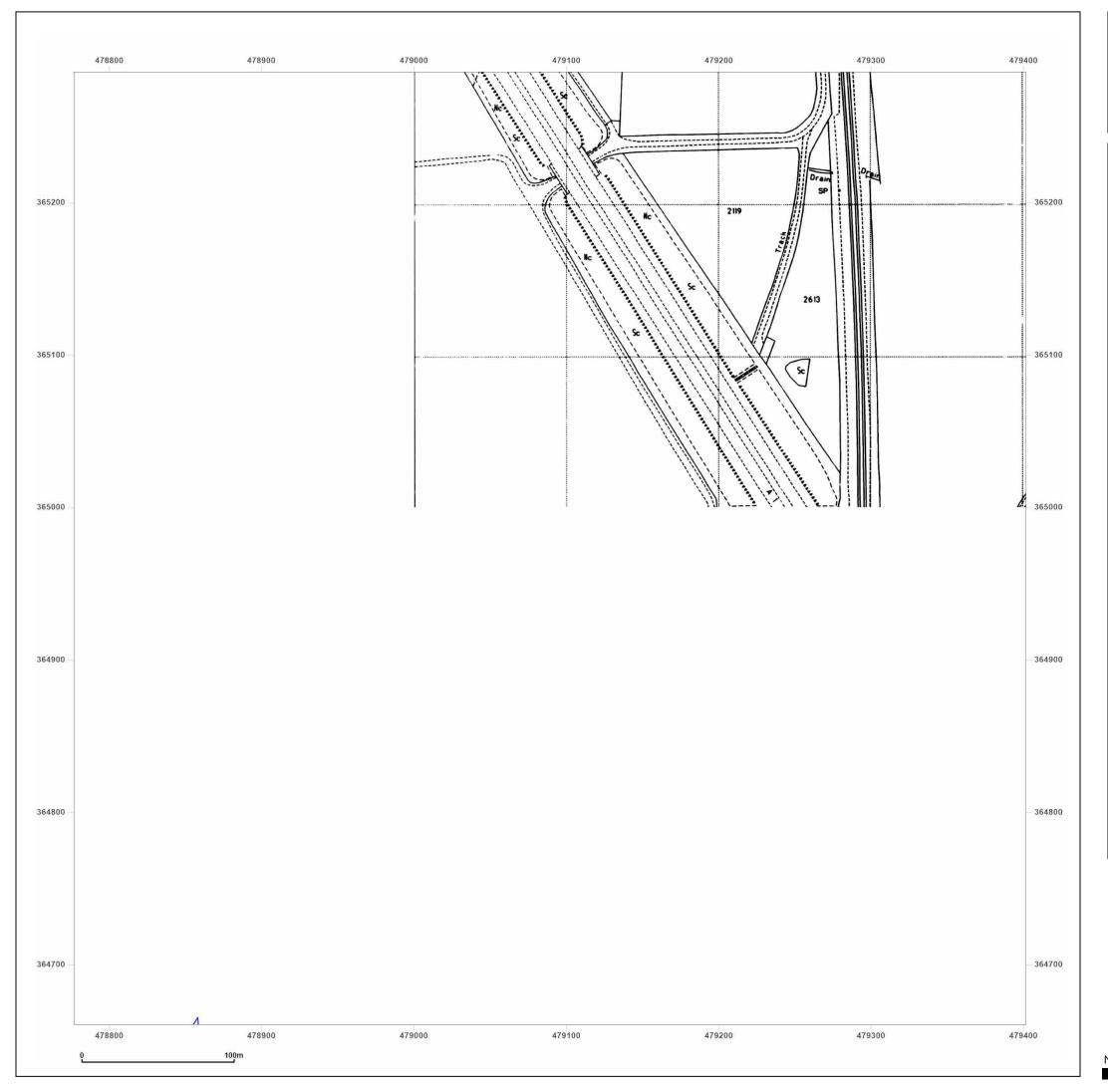




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Site Details:	
GNRSP	
Client Ref: Report Ref: Grid Ref:	
Map Name:	National Grid N
Map date:	1994
Scale:	1:2,500
Printed at:	1:2,500 s
	Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A



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Environmental Statement Report
Great North Road Solar and Biodiversity Park
Technical Appendix A10.11 – Desk Study and Preliminary Risk Assessment Groundsare Datasity Park

# ANNEX E - GROUNDSURE ENVIRO AND GEO INSIGHT REPORT GSIP-2024-16448-21124\_D\_1 AND MAP INSIGHT REPORT GSIP-2024-16448-21123\_4



# Enviro+Geo

#### **GNRSP**

## **Order Details**

Date: 24/10/2024

Your ref: **GNRSP** 

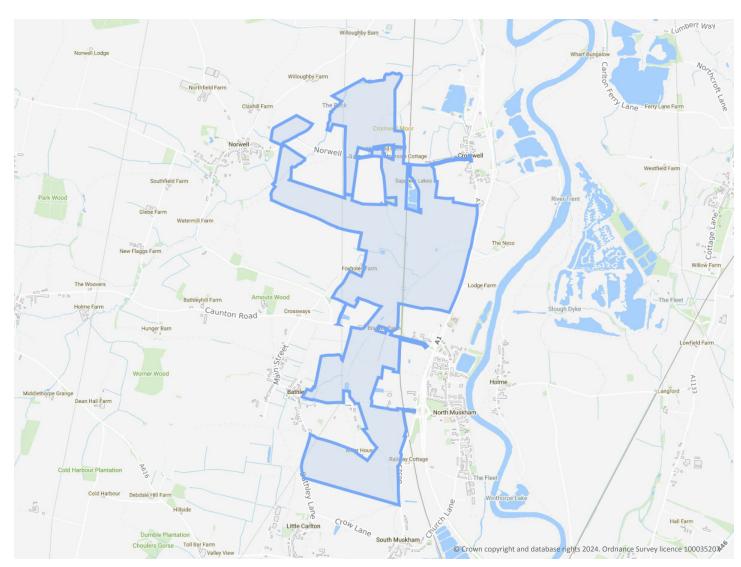
Our Ref: GSIP-2024-16448-21124 D

## **Site Details**

Location: 478743 360663

417.85 ha Area:

**Authority:** Newark and Sherwood District Council *→* 



**Summary of findings** 

**Aerial image** p. 2 >

p. 9 >

OS MasterMap site plan

N/A: >10ha

Insight User Guide 7





Your ref: GNRSP **Grid ref**: 478743 360663

# **Summary of findings**

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
<u>14</u> >	<u>1.1</u> >	<u>Historical industrial land uses</u> >	0	9	14	14	-
<u>16</u> >	<u>1.2</u> >	<u>Historical tanks</u> >	0	2	0	2	-
<u>16</u> >	<u>1.3</u> >	<u>Historical energy features</u> >	0	1	0	5	-
<u>17</u> >	<u>1.4</u> >	<u>Historical petrol stations</u> >	0	0	1	0	-
<u>17</u> >	<u>1.5</u> >	<u>Historical garages</u> >	0	3	8	0	-
18	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
<u>19</u> >	<u>2.1</u> >	<u>Historical industrial land uses</u> >	0	12	18	18	-
<u>21</u> >	<u>2.2</u> >	<u>Historical tanks</u> >	0	2	0	2	-
<u>22</u> >	<u>2.3</u> >	<u>Historical energy features</u> >	0	1	0	9	-
<u>22</u> >	<u>2.4</u> >	<u>Historical petrol stations</u> >	0	0	1	0	-
	255	Historical garages >	0	3	9	1	_
<u>23</u> >	<u>2.5</u> >	instorical garages	0			-	
23 > Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
							500-2000m
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
Page	Section 3.1	Waste and landfill >  Active or recent landfill	On site	0-50m	50-250m	250-500m	500-2000m - -
Page 24 24	Section 3.1 3.2	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)	On site  0	0-50m 0	50-250m 0	250-500m 0 0	500-2000m - - -
Page 24 24 25	Section 3.1 3.2 3.3	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)	On site  0  0	0-50m 0 0	50-250m 0 0	250-500m 0 0	500-2000m - - -
Page 24 24 25 25 >	Section  3.1  3.2  3.3  3.4 >	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records) >	On site  0  0  0  0	0-50m 0 0 0	50-250m 0 0 0	250-500m 0 0 0	500-2000m
Page 24 24 25 25 > 25 >	Section  3.1  3.2  3.3  3.4 >  3.5 >	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records) >  Historical waste sites >	On site  0  0  0  0  0	0-50m 0 0 0 0	0 0 0 0 0	250-500m  0  0  1  0	500-2000m
Page 24 24 25 25 > 25 > 26 >	Section  3.1  3.2  3.3  3.4 >  3.5 >  3.6 >	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records) >  Historical waste sites >  Licensed waste sites >	On site  0 0 0 0 0 0	0-50m 0 0 0 0 1	50-250m 0 0 0 0 0	250-500m  0  0  1  0  7	500-2000m  500-2000m
Page  24  24  25  25 >  26 >  28 >	Section  3.1  3.2  3.3  3.4 >  3.5 >  3.6 >  3.7 >	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records) >  Historical waste sites >  Licensed waste sites >  Waste exemptions >	On site  0 0 0 0 0 0 8	0-50m 0 0 0 1 0 18	50-250m  0  0  0  0  0  124	250-500m  0  0  1  0  7  129	- - - -
Page  24  24  25  25 >  26 >  28 >  Page	Section  3.1  3.2  3.3  3.4 >  3.5 >  3.6 >  3.7 >  Section	Waste and landfill >  Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records) >  Historical waste sites >  Licensed waste sites >  Waste exemptions >  Current industrial land use >	On site  0 0 0 0 0 0 8 On site	0-50m  0  0  0  1  0  18	50-250m  0  0  0  0  0  124	250-500m  0  0  1  0  7  129	- - - -
Page  24  24  25  25 >  26 >  28 >  Page  51 >	Section  3.1  3.2  3.3  3.4 >  3.5 >  3.6 >  3.7 >  Section  4.1 >	Waste and landfill >  Active or recent landfill Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) > Historical waste sites >  Licensed waste sites >  Waste exemptions >  Current industrial land use >  Recent industrial land uses >	On site  0 0 0 0 0 0 8 On site 7	0-50m  0  0  0  1  0  18  0-50m	50-250m  0  0  0  0  0  124  50-250m	250-500m  0  0  1  0  7  129  250-500m	- - - -
Page  24  24  25  25 >  26 >  28 >  Page  51 >	Section  3.1  3.2  3.3  3.4 >  3.5 >  3.6 >  3.7 >  Section  4.1 >  4.2 >	Waste and landfill >  Active or recent landfill Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) > Historical waste sites > Licensed waste sites > Waste exemptions >  Current industrial land use >  Recent industrial land uses >  Current or recent petrol stations >	On site  0 0 0 0 0 0 8 On site 7 0	0-50m  0  0  0  1  0 18  0-50m  5	50-250m  0  0  0  0  0  124  50-250m  23  2	250-500m  0  0  1  0  7  129  250-500m	- - - -



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			_	_	_	_	
55	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
55	4.7	Regulated explosive sites	0	0	0	0	-
55	4.8	Hazardous substance storage/usage	0	0	0	0	-
55	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
55	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
<u>56</u> >	<u>4.11</u> >	<u>Licensed pollutant release (Part A(2)/B)</u> >	0	0	2	1	-
56	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>56</u> >	<u>4.13</u> >	<u>Licensed Discharges to controlled waters</u> >	2	7	9	8	-
60	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
61	4.15	Pollutant release to public sewer	0	0	0	0	-
61	4.16	List 1 Dangerous Substances	0	0	0	0	-
61	4.17	List 2 Dangerous Substances	0	0	0	0	-
<u>61</u> >	<u>4.18</u> >	Pollution Incidents (EA/NRW) >	0	0	1	0	-
62	4.19	Pollution inventory substances	0	0	0	0	-
62	4.20	Pollution inventory waste transfers	0	0	0	0	-
62	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology</u> >	On site	0-50m	50-250m	250-500m	500-2000m
<u>63</u> >	<u>5.1</u> >	Superficial aquifer >	Identified (	within 500m	)		
<u>65</u> >	<u>5.2</u> >	Bedrock aquifer >	Identified (	within 500m	)		
<u>67</u> >	<u>5.3</u> >	<u>Groundwater vulnerability</u> >	Identified (	within 50m)			
72	5.4	Groundwater vulnerability- soluble rock risk	None (with	in 0m)			
72	5.5	Groundwater vulnerability- local information	None (with	in 0m)			
<u>73</u> >	<u>5.6</u> >	<u>Groundwater abstractions</u> >	4	4	7	16	43
<u>89</u> >	<u>5.7</u> >	<u>Surface water abstractions</u> >	3	1	2	2	18
94	5.8	Potable abstractions	0	0	0	0	0
95	5.9	Source Protection Zones	0	0	0	0	-
95	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m





<u>109</u> >	<u>6.2</u> >	<u>Surface water features</u> >	1	19	43	-	-
<u>109</u> >	<u>6.3</u> >	WFD Surface water body catchments >	3	-	-	-	-
<u>109</u> >	<u>6.4</u> >	WFD Surface water bodies >	1	0	0	-	-
<u>110</u> >	<u>6.5</u> >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
<u>111</u> >	<u>7.1</u> >	Risk of flooding from rivers and the sea >	High (withi	n 50m)			
<u>112</u> >	<u>7.2</u> >	<u>Historical Flood Events</u> >	0	4	14	-	-
113	7.3	Flood Defences	0	0	0	-	-
<u>113</u> >	<u>7.4</u> >	Areas Benefiting from Flood Defences >	1	0	0	-	-
114	7.5	Flood Storage Areas	0	0	0	-	-
<u>115</u> >	<u>7.6</u> >	Flood Zone 2 >	Identified (	within 50m)			
<u>116</u> >	<u>7.7</u> >	Flood Zone 3 >	Identified (	within 50m)			
Page	Section	Surface water flooding >					
<u>117</u> >	<u>8.1</u> >	Surface water flooding >	1 in 30 year	r, Greater tha	an 1.0m (wit	hin 50m)	
Page	Section	Groundwater flooding >					
- 0 -							
<u>119</u> >	<u>9.1</u> >	Groundwater flooding >	Moderate (	within 50m)			
			Moderate (	within 50m) <sup>0-50m</sup>	50-250m	250-500m	500-2000m
<u>119</u> >	<u>9.1</u> >	Groundwater flooding >				<b>250-500m</b>	500-2000m
119 >	<u>9.1</u> >	Groundwater flooding >  Environmental designations >	On site	0-50m	50-250m		
119 > Page 120	9.1 > Section 10.1	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)	On site	0-50m	50-250m 0	0	0
119 > Page 120 121	9.1 > Section 10.1 10.2	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)	On site  0	0-50m 0	50-250m 0 0	0	0
119 > Page 120 121 121	9.1 > Section 10.1 10.2 10.3	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)	On site  0  0 0	0-50m 0 0	50-250m 0 0	0 0	0 0
119 > Page 120 121 121 121	9.1 > Section 10.1 10.2 10.3 10.4	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)	On site  0 0 0 0	0-50m 0 0 0	50-250m 0 0 0	0 0 0	0 0 0
119 > Page 120 121 121 121 121	9.1 > Section 10.1 10.2 10.3 10.4 10.5	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)	On site  0 0 0 0 0	0-50m 0 0 0	50-250m 0 0 0 0	0 0 0 0 0	0 0 0 0
119 > Page 120 121 121 121 121 121 122	9.1 > Section 10.1 10.2 10.3 10.4 10.5 10.6	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)	On site  0 0 0 0 0 0 0	0-50m 0 0 0 0	50-250m 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
119 > Page 120 121 121 121 121 122 122 >	9.1 > Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 >	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland >	On site  0 0 0 0 0 0 0 0	0-50m  0  0  0  0  0  0  0	50-250m  0  0  0  0  0  0  0  0	0 0 0 0 0	0 0 0 0 0
119 > Page 120 121 121 121 122 122 >	9.1 > Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 >	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland >  Biosphere Reserves	On site  0 0 0 0 0 0 0 0 0 0	0-50m  0  0  0  0  0  0  0  0  0	50-250m  0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 2
119 > Page 120 121 121 121 122 122 > 122 122	9.1 > Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 > 10.8 10.9	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland >  Biosphere Reserves  Forest Parks	On site  0 0 0 0 0 0 0 0 0 0 0	0-50m  0  0  0  0  0  0  0  0  0  0	50-250m  0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 2
119 > Page 120 121 121 121 122 122 > 122 123	9.1 > Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 > 10.8 10.9 10.10	Groundwater flooding >  Environmental designations >  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland >  Biosphere Reserves  Forest Parks  Marine Conservation Zones	On site  0 0 0 0 0 0 0 0 0 0 0 0	0-50m  0  0  0  0  0  0  0  0  0  0  0	50-250m  0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 2 0





123	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
123	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
124	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>124</u> >	<u>10.16</u> >	Nitrate Vulnerable Zones >	2	0	0	1	4
<u>125</u> >	<u>10.17</u> >	SSSI Impact Risk Zones >	2	-	-	-	-
126	10.18	SSSI Units	0	0	0	0	0
Page	Section	<u>Visual and cultural designations</u> >	On site	0-50m	50-250m	250-500m	500-2000m
127	11.1	World Heritage Sites	0	0	0	-	-
128	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
128	11.3	National Parks	0	0	0	-	-
<u>128</u> >	<u>11.4</u> >	<u>Listed Buildings</u> >	0	1	13	-	-
<u>129</u> >	<u>11.5</u> >	Conservation Areas >	0	1	0	-	-
<u>129</u> >	<u>11.6</u> >	Scheduled Ancient Monuments >	1	1	2	-	-
130	11.7	Registered Parks and Gardens	0	0	0	-	
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
<u>131</u> >	<u>12.1</u> >	<u>Agricultural Land Classification</u> >	Grade 3a (v	vithin 250m)			
132	12.2	Open Access Land	0	0	0	-	-
132	12.3	Tree Felling Licences	0	0	0	-	-
133	12.4	Environmental Stewardship Schemes	0	0	0	-	-
<u>133</u> >	<u>12.5</u> >	Countryside Stewardship Schemes >	18	4	3	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
<u>135</u> >	<u>13.1</u> >	Priority Habitat Inventory >	1	1	1	-	-
136	13.2	Habitat Networks	0	0	0	-	-
136	13.3	Open Mosaic Habitat	0	0	0	-	-
136 136	13.3 13.4	Open Mosaic Habitat  Limestone Pavement Orders	0	0	0	-	-
						- 250-500m	- 500-2000m
136	13.4	Limestone Pavement Orders	On site	0	0 50-250m	- - 250-500m	- 500-2000m
136 Page	13.4 Section	Limestone Pavement Orders  Geology 1:10,000 scale >	On site	0 0-50m	0 50-250m	- - 250-500m	- 500-2000m
136 Page  137 >	13.4 Section 14.1 >	Geology 1:10,000 scale >  10k Availability >	On site  Identified (	0 0-50m within 500m	0 50-250m		- 500-2000m - -





139	14.4	Landslip (10k)	0	0	0	0	-
140	14.5	Bedrock geology (10k)	0	0	0	0	-
140	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	<u>Geology 1:50,000 scale</u> >	On site	0-50m	50-250m	250-500m	500-2000m
<u>141</u> >	<u>15.1</u> >	50k Availability >	Identified (	within 500m	)		
142	15.2	Artificial and made ground (50k)	0	0	0	0	-
142	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>143</u> >	<u>15.4</u> >	Superficial geology (50k) >	7	0	4	2	-
<u>144</u> >	<u>15.5</u> >	Superficial permeability (50k) >	Identified (	within 50m)			
145	15.6	Landslip (50k)	0	0	0	0	-
145	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>146</u> >	<u>15.8</u> >	Bedrock geology (50k) >	3	0	2	3	-
<u>147</u> >	<u>15.9</u> >	Bedrock permeability (50k) >	Identified (	within 50m)			
147	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
O							
<u>148</u> >	<u>16.1</u> >	BGS Boreholes >	8	4	5	-	-
			8	4	5	-	-
<u>148</u> >	<u>16.1</u> >	BGS Boreholes >	8 Very low (w		5	-	-
148 > Page	<u>16.1</u> >	BGS Boreholes >  Natural ground subsidence >		vithin 50m)	5		
148 > Page 150 >	16.1 > Section 17.1 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >	Very low (w	vithin 50m)	5	-	-
148 > Page 150 > 151 >	16.1 > Section 17.1 > 17.2 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >	Very low (w	vithin 50m) n 50m) within 50m)	5	-	-
148 > Page 150 > 151 > 153 >	16.1 > Section 17.1 > 17.2 > 17.3 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >	Very low (w Low (within Moderate (	vithin 50m) n 50m) within 50m) vithin 50m)	5	-	-
148 > Page  150 > 151 > 153 > 155 >	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >	Very low (w Low (within Moderate ( Very low (w Very low (w	vithin 50m) n 50m) within 50m) vithin 50m)	5	-	
148 > Page  150 > 151 > 153 > 155 > 156 >	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 > 17.5 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >  Landslides >	Very low (w Low (within Moderate ( Very low (w Very low (w	vithin 50m) n 50m) within 50m) vithin 50m) vithin 50m)	5 50-250m	- 250-500m	- 500-2000m
148 > Page  150 > 151 > 153 > 155 > 156 > 157 >	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 > 17.5 > 17.6 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >  Landslides >  Ground dissolution of soluble rocks >	Very low (w Low (within Moderate ( Very low (w Very low (w Negligible (	vithin 50m) n 50m) within 50m) vithin 50m) vithin 50m)		250-500m	- 500-2000m
148 > Page  150 > 151 > 153 > 155 > 156 > 157 > Page	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 > 17.5 > 17.6 > Section	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >  Landslides >  Ground dissolution of soluble rocks >  Mining and ground workings >	Very low (w Low (within Moderate ( Very low (w Very low (w Negligible ( On site	vithin 50m) n 50m) within 50m) vithin 50m) vithin 50m) within 50m) o-50m	50-250m		500-2000m
148 > Page  150 > 151 > 153 > 155 > 156 > 157 > Page	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 > 17.5 > 17.6 > Section  18.1 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >  Landslides >  Ground dissolution of soluble rocks >  Mining and ground workings >  BritPits >	Very low (w Low (within Moderate ( Very low (w Very low (w Negligible ( On site	vithin 50m) n 50m) within 50m) vithin 50m) vithin 50m) within 50m) 0-50m	50-250m 3		500-2000m - -
148 > Page  150 > 151 > 153 > 155 > 156 > 157 > Page  159 >	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 > 17.5 > 17.6 > Section  18.1 > 18.2 >	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >  Landslides >  Ground dissolution of soluble rocks >  Mining and ground workings >  BritPits >  Surface ground workings >	Very low (w Low (within Moderate ( Very low (w Very low (w Negligible ( On site	vithin 50m) n 50m) within 50m) vithin 50m) vithin 50m) within 50m) 0-50m 1 7	50-250m 3 6	3	-
148 > Page  150 > 151 > 153 > 155 > 156 > 157 > Page  159 > 161 > 162	16.1 > Section  17.1 > 17.2 > 17.3 > 17.4 > 17.5 > 17.6 > Section  18.1 > 18.2 > 18.3	BGS Boreholes >  Natural ground subsidence >  Shrink swell clays >  Running sands >  Compressible deposits >  Collapsible deposits >  Landslides >  Ground dissolution of soluble rocks >  Mining and ground workings >  BritPits >  Surface ground workings >  Underground workings	Very low (w Low (within Moderate ( Very low (w Very low (w Negligible ( On site  0 12 0	vithin 50m) n 50m) within 50m) vithin 50m) vithin 50m) uithin 50m) 0-50m 1 7 0	50-250m 3 6	3 -	-





163	18.6	Non-coal mining	0	0	0	0	0
163	18.7	JPB mining areas	None (with	in 0m)			
163	18.8	The Coal Authority non-coal mining	0	0	0	0	-
<u>164</u> >	<u>18.9</u> >	Researched mining >	0	0	1	0	-
164	18.10	Mining record office plans	0	0	0	0	-
164	18.11	BGS mine plans	0	0	0	0	-
164	18.12	Coal mining	None (with	in 0m)			
165	18.13	Brine areas	None (with	in 0m)			
165	18.14	Gypsum areas	None (with	in 0m)			
165	18.15	Tin mining	None (with	in 0m)			
165	18.16	Clay mining	None (with	in 0m)			
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
166	19.1	Natural cavities	0	0	0	0	-
166	19.2	Mining cavities	0	0	0	0	0
166	19.3	Reported recent incidents	0	0	0	0	-
166	19.4	Historical incidents	0	0	0	0	-
167	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
<u>168</u> >	<u>20.1</u> >	Radon >	Less than 1	% (within 0n	n)		
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
<u>170</u> >	<u>21.1</u> >	BGS Estimated Background Soil Chemistry >	129	13	-	-	-
178	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
178	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
179	22.1	Underground railways (London)	0	0	0	-	-
179	22.2	Underground railways (Non-London)	0	0	0	-	-
180	22.3	Railway tunnels	0	0	0	-	-
<u>180</u> >	<u>22.4</u> >	<u>Historical railway and tunnel features</u> >	0	4	0	-	-
180	22.5	Royal Mail tunnels	0	0	0	-	-







Your ref: GNRSP

**Grid ref**: 478743 360663

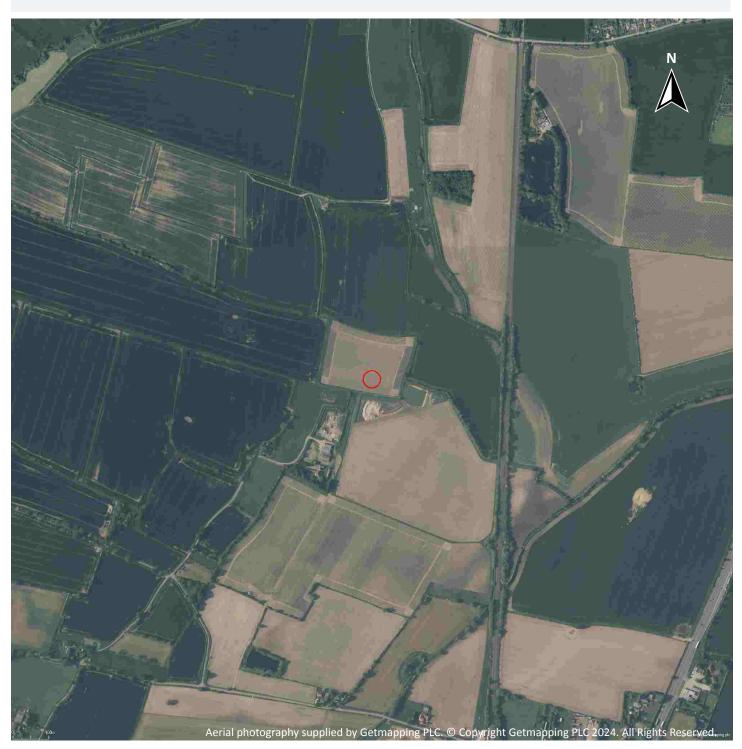
181	22.6	Historical railways	0	0	0	-	-
<u>181</u> >	<u>22.7</u> >	Railways >	8	4	3	-	-
182	22.8	Crossrail 1	0	0	0	0	-
182	22.9	Crossrail 2	0	0	0	0	-
182	22.10	HS2	0	0	0	0	_



Date: 24 October 2024

Your ref: GNRSP Grid ref: 478743 360663

# **Recent aerial photograph**



Capture Date: 01/06/2021



**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

Grid ref: 478743 360663

# Recent site history - 2018 aerial photograph



Capture Date: 15/05/2018



**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Grid ref**: 478743 360663

# Recent site history - 2013 aerial photograph



Capture Date: 19/07/2013



Ref: GSIP-2024-16448-21124\_D Your ref: GNRSP

**Grid ref**: 478743 360663

# Recent site history - 2007 aerial photograph



Capture Date: 18/09/2007

Site Area: 417.85ha



info@groundsure.com ↗

01273 257 755



**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Grid ref**: 478743 360663

# Recent site history - 1999 aerial photograph

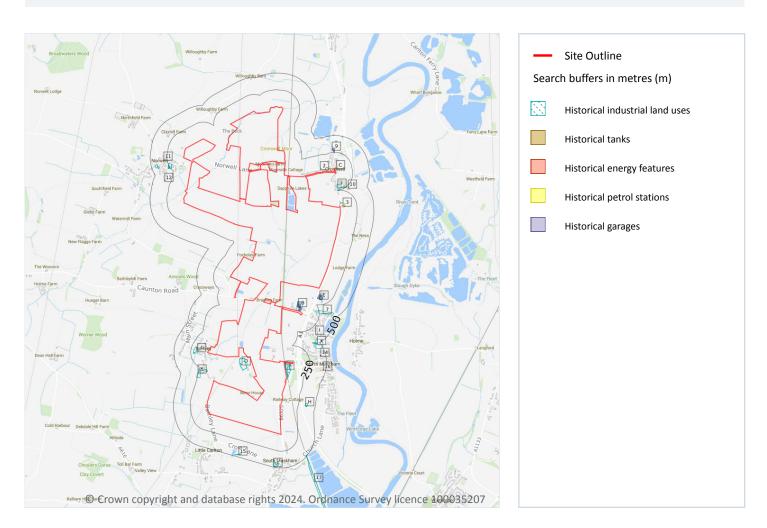


Capture Date: 18/06/1999



**Your ref**: GNRSP **Grid ref**: 478743 360663

## 1 Past land use



#### 1.1 Historical industrial land uses

#### Records within 500m 37

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
Α	1m S	Railway Sidings	1884 - 1921	1678403





ID	Location	Land use	Dates present	Group ID
В	3m SE	Garage	1992	1603421
А	12m S	Unspecified Pit	1899 - 1921	1650231
А	13m S	Railway Sidings	1955	1671541
1	25m S	Railway Building	1955	1631450
D	25m S	Corn Windmill	1884	1594847
D	25m S	Windmill	1899 - 1921	1688256
А	41m S	Railway Building	1955	1631448
А	44m S	Railway Building	1955	1631449
D	71m S	Old Windmill	1955	1625632
D	73m S	Unspecified Tank	1921	1687747
D	73m S	Unspecified Tank	1884	1693160
D	75m S	Unspecified Tank	1955	1662898
Е	118m SE	Garage	1971 - 1992	1772090
5	164m SW	Nursery	1992	1608526
6	165m SW	Garage	1992	1603451
F	166m NE	Smithy	1884	1609462
G	201m NW	Sawmill	1884 - 1899	1772323
7	204m SE	Nursery	1992	1608478
8	217m NE	Smithy	1950	1609304
F	231m NE	Smithy	1899 - 1921	1708836
G	246m NW	Disused Windmill	1974	1637020
G	249m NW	Unspecified Tank	1974	1626390
G	256m NW	Unspecified Tank	1884 - 1921	1725562
G	256m NW	Windmill	1950	1583723
Н	353m S	Corn Windmill	1884	1594830
Н	353m S	Windmill	1899 - 1921	1721916
J	390m NW	Smithy	1899 - 1921	1744779
J	401m NW	Smithy	1950	1609376





**Your ref**: GNRSP **Grid ref**: 478743 360663

ID	Location	Land use	Dates present	Group ID
13	409m NE	Repeater Station	1974	1630790
K	409m SE	Smithy	1955	1747239
K	412m SE	Smithy	1921	1718505
L	424m S	Unspecified Depot	1992	1598790
L	428m S	Police Station	1971	1636879
K	428m SE	Smithy	1884	1696043
15	437m S	Unspecified Heap	1884	1620390
17	485m S	Railway Sidings	1955	1698033

This data is sourced from Ordnance Survey / Groundsure.

#### 1.2 Historical tanks

Records within 500m 4

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

Features are displayed on the Past land use map on page 14 >

ID	Location	Land use	Dates present	Group ID
С	32m NE	Tanks	1971	263774
2	48m NE	Unspecified Tank	1971	270238
10	271m NE	Unspecified Tank	1971	270268
12	343m NW	Unspecified Tank	1971	270266

This data is sourced from Ordnance Survey / Groundsure.

#### 1.3 Historical energy features

Records within 500m 6

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or





**Your ref**: GNRSP **Grid ref**: 478743 360663

succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 14 >

ID	Location	Land use	Dates present	Group ID
С	15m NE	Electricity Substation	1971	164436
11	295m NW	Electricity Substation	1971	164438
1	362m SE	Electricity Substation	1966	172887
I	362m SE	Electricity Substation	1990	182674
14	422m SE	Electricity Substation	1966 - 1969	181315
16	456m SE	Electricity Substation	1966 - 1969	181131

This data is sourced from Ordnance Survey / Groundsure.

#### 1.4 Historical petrol stations

### Records within 500m 1

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

Features are displayed on the Past land use map on page 14 >

ID	Location	Land use	Dates present	Group ID
3	55m NE	Filling Station	1971	2806

This data is sourced from Ordnance Survey / Groundsure.

#### 1.5 Historical garages

#### Records within 500m 11

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

Features are displayed on the Past land use map on page 14 >





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Land use	Dates present	Group ID
В	8m SE	Garage	1966	55308
В	8m SE	Garage	1990	55337
В	23m SE	Garage	1970	58225
В	55m SE	Garage	1966	53182
В	56m SE	Garage	1990	58382
В	58m SE	Garage	1970	55538
Е	88m SE	Garage	1966	56448
Е	113m SE	Garage	1970	59576
Е	124m SE	Garage	1990	57267
4	131m SW	Garage	1990	59139
9	249m NE	Garage	1971	58230

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.

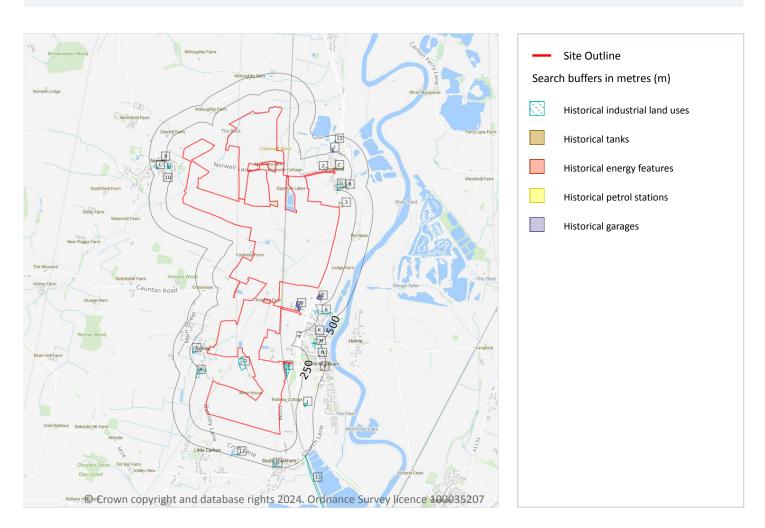
This data is sourced from Ordnance Survey / Groundsure / other sources.



Date: 24 October 2024

**Your ref**: GNRSP **Grid ref**: 478743 360663

## 2 Past land use - un-grouped



#### 2.1 Historical industrial land uses

Records within 500m 48

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 ungrouped 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 19 >

ID	Location	Land Use	Date	Group ID
А	1m S	Railway Sidings	1921	1678403
А	1m S	Railway Sidings	1899	1678403
А	1m S	Railway Sidings	1884	1678403





ID	Location	Land Use	Date	Group ID
В	3m SE	Garage	1992	1603421
А	12m S	Unspecified Pit	1899	1650231
А	13m S	Railway Sidings	1955	1671541
1	25m S	Railway Building	1955	1631450
D	25m S	Windmill	1921	1688256
D	25m S	Windmill	1899	1688256
D	25m S	Corn Windmill	1884	1594847
Α	41m S	Railway Building	1955	1631448
Α	44m S	Railway Building	1955	1631449
Α	62m S	Unspecified Pit	1921	1650231
D	71m S	Old Windmill	1955	1625632
D	73m S	Unspecified Tank	1921	1687747
D	73m S	Unspecified Tank	1884	1693160
D	75m S	Unspecified Tank	1955	1662898
Е	118m SE	Garage	1971	1772090
Е	122m SE	Garage	1992	1772090
4	164m SW	Nursery	1992	1608526
5	165m SW	Garage	1992	1603451
G	166m NE	Smithy	1884	1609462
Н	201m NW	Sawmill	1899	1772323
6	204m SE	Nursery	1992	1608478
7	217m NE	Smithy	1950	1609304
Н	218m NW	Sawmill	1884	1772323
G	231m NE	Smithy	1921	1708836
G	231m NE	Smithy	1899	1708836
Н	246m NW	Disused Windmill	1974	1637020
Н	249m NW	Unspecified Tank	1974	1626390
Н	256m NW	Unspecified Tank	1921	1725562





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Land Use	Date	Group ID
Н	256m NW	Unspecified Tank	1899	1725562
Н	256m NW	Unspecified Tank	1884	1725562
Н	256m NW	Windmill	1950	1583723
J	353m S	Windmill	1921	1721916
J	353m S	Windmill	1899	1721916
J	353m S	Corn Windmill	1884	1594830
L	390m NW	Smithy	1921	1744779
L	390m NW	Smithy	1899	1744779
L	401m NW	Smithy	1950	1609376
11	409m NE	Repeater Station	1974	1630790
M	409m SE	Smithy	1955	1747239
M	412m SE	Smithy	1921	1718505
0	424m S	Unspecified Depot	1992	1598790
0	428m S	Police Station	1971	1636879
M	428m SE	Smithy	1884	1696043
12	437m S	Unspecified Heap	1884	1620390
13	485m S	Railway Sidings	1955	1698033

This data is sourced from Ordnance Survey / Groundsure.

#### 2.2 Historical tanks

Records within 500m 4

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 19 >

ID	Location	Land Use	Date	Group ID
С	32m NE	Tanks	1971	263774
2	48m NE	Unspecified Tank	1971	270238
8	271m NE	Unspecified Tank	1971	270268





**Your ref**: GNRSP **Grid ref**: 478743 360663

ID	Location	Land Use	Date	Group ID
10	343m NW	Unspecified Tank	1971	270266

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

Records within 500m 10

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

Features are displayed on the Past land use - un-grouped map on page 19 >

ID	Location	Land Use	Date	Group ID
С	15m NE	Electricity Substation	1971	164436
9	295m NW	Electricity Substation	1971	164438
K	362m SE	Electricity Substation	1966	172887
K	362m SE	Electricity Substation	1990	182674
N	422m SE	Electricity Substation	1966	181315
N	422m SE	Electricity Substation	1966	181315
N	424m SE	Electricity Substation	1969	181315
Р	456m SE	Electricity Substation	1966	181131
Р	456m SE	Electricity Substation	1966	181131
Р	458m SE	Electricity Substation	1969	181131

This data is sourced from Ordnance Survey / Groundsure.

## 2.4 Historical petrol stations

Records within 500m 1

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

Features are displayed on the Past land use - un-grouped map on page 19 >



Date: 24 October 2024



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Land Use	Date	Group ID
3	55m NE	Filling Station	1971	2806

This data is sourced from Ordnance Survey / Groundsure.

## 2.5 Historical garages

Records within 500m 13

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 19 >

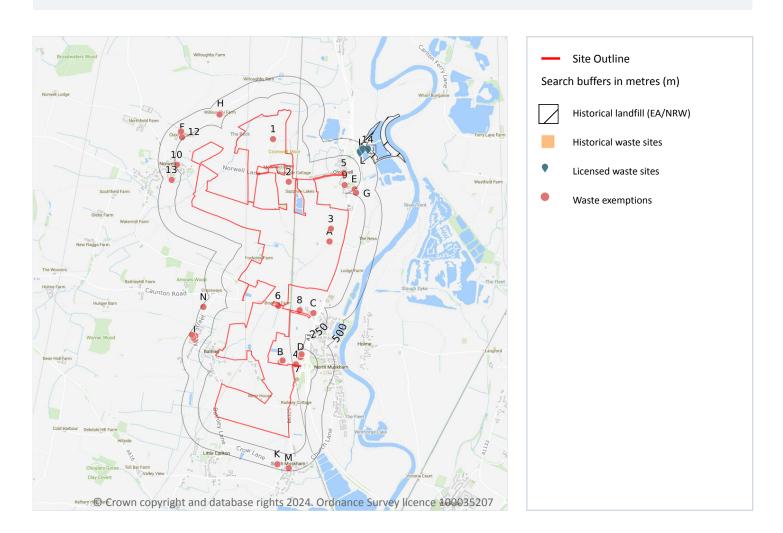
ID	Location	Land Use	Date	Group ID
В	8m SE	Garage	1966	55308
В	8m SE	Garage	1990	55337
В	23m SE	Garage	1970	58225
В	55m SE	Garage	1966	53182
В	56m SE	Garage	1990	58382
В	58m SE	Garage	1970	55538
Е	88m SE	Garage	1966	56448
Е	113m SE	Garage	1970	59576
Е	124m SE	Garage	1990	57267
F	131m SW	Garage	1990	59139
F	131m SW	Garage	1990	59139
I	249m NE	Garage	1971	58230
I	289m NE	Garage	1971	58230

This data is sourced from Ordnance Survey / Groundsure.



**Your ref**: GNRSP **Grid ref**: 478743 360663

# 3 Waste and landfill



#### 3.1 Active or recent landfill

Records within 500m 0

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

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

# 3.2 Historical landfill (BGS records)

Records within 500m 0

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

This data is sourced from the British Geological Survey.



Date: 24 October 2024



1

**Your ref**: GNRSP **Grid ref**: 478743 360663

## 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

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

Features are displayed on the Waste and landfill map on page 24 >

ID	Location	Details		
11	300m NE	Site Address: College Farm, North Road, Cromwell, Newark Licence Holder Address: East Street, Bingham, Nottingham	Waste Licence: Yes Site Reference: 3/09/21/80SW, 3/09/210/80SW, 3/92/279/86SW, 3/89/210/86SW Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 12/06/1992 Licence Surrender: -	Operator: British Waterways Licence Holder: Ennemix Aggregates Limited First Recorded 31/12/1992 Last Recorded: -

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

#### 3.5 Historical waste sites

Records within 500m

Waste site records derived from Local Authority planning records and high detail historical mapping. Features are displayed on the Waste and landfill map on <a href="majore-page-24">page-24</a> >





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Address	Further Details	Date
7	19m S	Site Address: Land Adjacent To Railway Line, Off Great North Road, North Muskham, Newark, Nottinghamshire, NG23 6HN	Type of Site: Waste Transfer Station (Conversion) Planning application reference: 17/01644/FULR3N Description: Scheme comprises use of land for the importation, storage and processing of construction and infrastructure inert wasteto view this application Data source: Historic Planning Application Data Type: Point	15/12/201 7

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

### 3.6 Licensed waste sites

Records within 500m 7

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

Features are displayed on the Waste and landfill map on page 24 >

ID	Location	Details		
I	379m NE	Site Name: Cromwell Quarry Site Address: Cromwell Quarry, North Road, A1 Slip Road, Cromwell, Notts, NG23 6JE Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LAR019 EPR reference: EA/EPR/GB3136AP/V002 Operator: Lafarge Aggregates Limited Waste Management licence No: 104074 Annual Tonnage: 74999	Issue Date: 24/04/2012 Effective Date: - Modified: 20/11/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
I	379m NE	Site Name: Cromwell Quarry Site Address: Cromwell Quarry, North Road, A1 Slip Road, Cromwell, Nottinghamshire, NG23 6JE Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LAR019 EPR reference: EA/EPR/GB3136AP/V003 Operator: Tarmac Aggregates Limited Waste Management licence No: 104074 Annual Tonnage: 74999	Issue Date: 24/04/2012 Effective Date: - Modified: 08/01/2016 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details		
L	439m NE	Site Name: Cromwell Quarry Site Address: Cromwell Quarry, North Road, Cromwell, Nottingham, Notts, NG23 6JF Correspondence Address: -	Type of Site: Use of waste in construction 100,000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LAF058 EPR reference: EA/EPR/CB3736AK/V004 Operator: Tarmac Aggregates Limited Waste Management licence No: 103486 Annual Tonnage: 99999	Issue Date: 23/12/2011 Effective Date: - Modified: 27/04/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
L	439m NE	Site Name: Cromwell Quarry Site Address: Cromwell Quarry, North Road, Cromwell, Nottingham, Notts, NG23 6JF Correspondence Address: -	Type of Site: Use of waste in construction 100,000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LAF058 EPR reference: EA/EPR/CB3736AK/V002 Operator: Lafarge Aggregates Limited Waste Management licence No: 103486 Annual Tonnage: 99999	Issue Date: 23/12/2011 Effective Date: - Modified: 18/11/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
L	439m NE	Site Name: Cromwell Quarry Site Address: Cromwell Quarry, North Road, Cromwell, Nottingham, Nottinghamshire, NG23 6JF Correspondence Address: -	Type of Site: Deposit of waste to land as a recovery operation Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LAF058 EPR reference: EA/EPR/CB3736AK/V004 Operator: Tarmac Aggregates Limited Waste Management licence No: 103486 Annual Tonnage: 99999	Issue Date: 23/12/2011 Effective Date: - Modified: 27/04/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



Date: 24 October 2024



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details		
L	439m NE	Site Name: Cromwell Quarry Site Address: Cromwell Quarry, North Road, Cromwell, Nottingham, Nottinghamshire, NG23 6JF Correspondence Address: -	Type of Site: Deposit of waste to land as a recovery operation Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 647396 EPR reference: EA/EPR/CB3736AK Operator: Tarmac Aggregates Limited Waste Management licence No: 103486 Annual Tonnage: 99999	Issue Date: 23/12/2011 Effective Date: 23/12/2011 Modified: 01/11/2023 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
14	495m NE	Site Name: Cromwell Quarry Site Address: A1 Slip Road, Cromwell, Nottinghamshire, NG23 6JE Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 648500 EPR reference: EA/EPR/GB3136AP Operator: Tarmac Aggregates Limited Waste Management licence No: 104074 Annual Tonnage: 74999	Issue Date: 24/04/2012 Effective Date: 24/04/2012 Modified: 01/09/2023 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

# 3.7 Waste exemptions

#### Records within 500m 279

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 24 >

ID	Location	Site	Reference	Category	Sub-Category	Description
1	On site	-	WEX379422	Storing waste exemption	On a farm	Storage of sludge
2	On site	-	WEX379424	Storing waste exemption	On a farm	Storage of sludge
3	On site	Hill Farm, Carlton-On- Trent, Newark, Ng23 6ny	WEX085976	Storing waste exemption	On a farm	Storage of sludge





ID	Location	Site	Reference	Category	Sub-Category	Description
Α	On site	Grassmere Farm North Road Newark Nottinghamshire Ng23 6pt	EPR/YE5357Q S/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
A	On site	Grassmere Farm North Road Newark Nottinghamshire Ng23 6pt	EPR/YE5357Q S/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
Α	On site	Grassmere Farm North Road Newark Nottinghamshire Ng23 6pt	EPR/YE5357Q S/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
Α	On site	Grassmere Farm North Road Newark Nottinghamshire Ng23 6pt	EPR/YE5357Q S/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
Α	On site	Grassmere Farm North Road Newark Nottinghamshire Ng23 6pt	EPR/YE5357Q S/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
4	7m S	Land At, Great North Road, North Muskham, Newark, Ng23 6hr	WEX087594	Using waste exemption	Not on a farm	Use of waste in construction
5	7m NE	Mileston Brewery, Great North Road, Cromwell, Newark, Ng23 6je	WEX385058	Disposing of waste exemption	Not on a farm	Burning waste in the open
6	12m S	-	WEX394570	Using waste exemption	Not on a farm	Use of waste in construction
8	29m SE	Bells Warehousing, Vicarage Lane, North Muskham, Newark, Ng23 6es	WEX076274	Using waste exemption	Not on a farm	Use of waste in construction
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Treating waste exemption	Agricultural waste only	Crushing and emptying waste vehicle oil filters
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Treating waste exemption	Agricultural waste only	Treatment of waste aerosol cans
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Treating waste exemption	Agricultural waste only	Recovery of scrap metal





Your ref: GNRSP **Grid ref**: 478743 360663

ID	Location		_			
	LOCATION	Site	Reference	Category	Sub-Category	Description
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Storing waste exemption	Agricultural waste only	Storage of waste in a secure place
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Treating waste exemption	Agricultural waste only	Crushing waste fluorescent tubes
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Using waste exemption	Agricultural waste only	Use of waste in construction
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Using waste exemption	Agricultural waste only	Incorporation of ash into soil
В	29m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/CF0101TG /A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Using waste exemption	On a farm	Use of waste in construction
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Storing waste exemption	On a farm	Storage of waste in secure containers



01273 257 755



ID	Location	Site	Reference	Category	Sub-Category	Description
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Storing waste exemption	On a farm	Storage of waste in a secure place
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Using waste exemption	On a farm	Incorporation of ash into soil
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Using waste exemption	On a farm	Use of waste for a specified purpose
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Disposing of waste exemption	On a farm	Burning waste in the open
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Sorting mixed waste
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Treatment of waste aerosol cans
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Treating waste exemption	On a farm	Recovery of scrap metal
В	52m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX045096	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit





ID	Location	Site	Reference	Category	Sub-Category	Description
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Using waste exemption	On a farm	Incorporation of ash into soil
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Using waste exemption	On a farm	Use of waste in construction
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Treating waste exemption	On a farm	Recovery of scrap metal
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Treating waste exemption	On a farm	Treatment of waste aerosol cans
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Treating waste exemption	On a farm	Sorting mixed waste
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
В	55m S	Cordon Lodge, Bathley Lane, South Muskham, Newark, Ng23 6dt	WEX405719	Disposing of waste exemption	On a farm	Burning waste in the open
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Recovery of scrap metal





ID	Location	Site	Reference	Category	Sub-Category	Description
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste aerosol cans
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading of plant matter to confer benefit
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/SH0279YT /A001	Using waste exemption	Both agricultural and non- agricultural waste	Incorporation of ash into soil
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from dredging of inland waters





ID	Location	Site	Reference	Category	Sub-Category	Description
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place
В	59m S	Cordon Lodge Bathley Lane Newark Nottinghamshire Ng23 6dt	EPR/EH0370YL /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Crushing waste fluorescent tubes
С	65m SE	Bells Warehousing, Vicarage Lane, North Muskham, Newark, Ng23 6es	WEX348312	Using waste exemption	Not on a farm	Use of waste in construction
С	65m SE	Bells Warehousing, Vicarage Lane, North Muskham, Newark, Ng23 6es	WEX221695	Using waste exemption	Not on a farm	Use of waste in construction
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Treating waste exemption	On a farm	Recovery of scrap metal
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Treating waste exemption	On a farm	Treatment of waste aerosol cans
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Disposing of waste exemption	On a farm	Disposal by incineration
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Disposing of waste exemption	On a farm	Burning waste in the open
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Treating waste exemption	On a farm	Sorting mixed waste
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Using waste exemption	On a farm	Spreading of plant matter to confer benefit





ID	Location	Site	Reference	Category	Sub-Category	Description
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Storing waste exemption	On a farm	Storage of waste in secure containers
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Storing waste exemption	On a farm	Storage of waste in a secure place
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Using waste exemption	On a farm	Use of waste in construction
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX326443	Using waste exemption	On a farm	Incorporation of ash into soil
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Using waste exemption	On a farm	Incorporation of ash into soil
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Using waste exemption	On a farm	Use of waste in construction
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Storing waste exemption	On a farm	Storage of waste in a secure place
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Storing waste exemption	On a farm	Storage of waste in secure containers
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Using waste exemption	On a farm	Spreading of plant matter to confer benefit





ID	Location	Site	Reference	Category	Sub-Category	Description
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Treating waste exemption	On a farm	Sorting mixed waste
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Disposing of waste exemption	On a farm	Burning waste in the open
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Disposing of waste exemption	On a farm	Disposal by incineration
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Treating waste exemption	On a farm	Treatment of waste aerosol cans
D	124m S	Dairy House, North Road, North Muskham, Newark, Ng23 6hn	WEX199958	Treating waste exemption	On a farm	Recovery of scrap metal
9	131m NE	Severn Trent Water Ltd - Sutton-On-Trent Sewage Treatment Works, Great North Road, Cromwell, Ng23 6je	WEX317919	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Treating waste exemption	On a farm	Recovery of scrap metal
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Treating waste exemption	On a farm	Sorting mixed waste
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Treating waste exemption	On a farm	Treatment of waste aerosol cans





ID	Location	Site	Reference	Category	Sub-Category	Description
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Disposing of waste exemption	On a farm	Burning waste in the open
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Using waste exemption	On a farm	Use of waste in construction
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Using waste exemption	On a farm	Use of waste for a specified purpose
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Using waste exemption	On a farm	Incorporation of ash into soil
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Storing waste exemption	On a farm	Storage of waste in secure containers
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX329954	Storing waste exemption	On a farm	Storage of waste in a secure place
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Using waste exemption	On a farm	Use of waste in construction
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Using waste exemption	On a farm	Incorporation of ash into soil
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Storing waste exemption	On a farm	Storage of waste in a secure place





ID	Location	Site	Reference	Category	Sub-Category	Description
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Storing waste exemption	On a farm	Storage of waste in secure containers
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Using waste exemption	On a farm	Use of waste for a specified purpose
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Disposing of waste exemption	On a farm	Burning waste in the open
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Treating waste exemption	On a farm	Treatment of waste aerosol cans
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Treating waste exemption	On a farm	Sorting mixed waste
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Treating waste exemption	On a farm	Recovery of scrap metal
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX203968	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Using waste exemption	On a farm	Incorporation of ash into soil
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Using waste exemption	On a farm	Use of waste in construction





ID	Location	Site	Reference	Category	Sub-Category	Description
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Treating waste exemption	On a farm	Crushing waste fluorescent tubes
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Disposing of waste exemption	On a farm	Burning waste in the open
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Treating waste exemption	On a farm	Sorting mixed waste
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Treating waste exemption	On a farm	Treatment of waste aerosol cans
D	167m S	North Road Farm, North Road, North Muskham, Newark, Ng23 6hn	WEX136098	Treating waste exemption	On a farm	Recovery of scrap metal
10	237m NW	Church Farm Cottage, Main Street, Norwell, Newark, Ng23 6jn	WEX365434	Using waste exemption	On a farm	Use of waste in construction
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX336396	Using waste exemption	On a farm	Use of waste in construction
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX403821	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX403821	Using waste exemption	On a farm	Use of waste in construction
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX403821	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit





ID	Location	Sito	Poforonco	Catogory	Sub Catagory	Doscription
ID	Location	Site	Reference	Category	Sub-Category	Description
E	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX403821	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX403821	Using waste exemption	On a farm	Use of mulch
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX403821	Disposing of waste exemption	On a farm	Burning waste in the open
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX134585	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX134585	Using waste exemption	On a farm	Use of waste in construction
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX134585	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX203854	Using waste exemption	On a farm	Use of waste in construction
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX134585	Disposing of waste exemption	On a farm	Burning waste in the open
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX134585	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
Е	245m NE	Elms Farm, Lock Lane, Cromwell, Newark, Ng23 6jg	WEX134585	Using waste exemption	On a farm	Use of mulch
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX344828	Disposing of waste exemption	On a farm	Burning waste in the open
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX344828	Using waste exemption	On a farm	Use of mulch
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX344828	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX344828	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters





ID	Location	Site	Reference	Category	Sub-Category	Description
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX344828	Using waste exemption	On a farm	Use of waste for a specified purpose
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX344828	Using waste exemption	On a farm	Use of waste in construction
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX217316	Using waste exemption	On a farm	Use of waste in construction
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX217316	Using waste exemption	On a farm	Use of waste for a specified purpose
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX217316	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX066026	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX066026	Using waste exemption	On a farm	Use of waste in construction
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX066026	Using waste exemption	On a farm	Use of waste for a specified purpose
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX066026	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX066026	Disposing of waste exemption	On a farm	Burning waste in the open
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX066026	Using waste exemption	On a farm	Use of mulch
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX217316	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX217316	Using waste exemption	On a farm	Use of mulch
F	272m NW	Claxhill Farm, Carlton Lane, Norwell, Newark, Ng23 6lf	WEX217316	Disposing of waste exemption	On a farm	Burning waste in the open
F	273m NW	Claxhill Farm Carlton Lane Newark Nottinghamshire Ng23 6lf	EPR/QF0534G B/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters





ID	Location	Site	Reference	Category	Sub-Category	Description
F	273m NW	Claxhill Farm Carlton Lane Newark Nottinghamshire Ng23 6lf	EPR/QF0534G B/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
F	273m NW	Claxhill Farm Carlton Lane Newark Nottinghamshire Ng23 6lf	EPR/QF0534G B/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
F	273m NW	Claxhill Farm Carlton Lane Newark Nottinghamshire Ng23 6lf	EPR/QF0534G B/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
F	273m NW	Claxhill Farm Carlton Lane Newark Nottinghamshire Ng23 6lf	EPR/QF0534G B/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
F	273m NW	Claxhill Farm Carlton Lane Newark Nottinghamshire Ng23 6lf	EPR/QF0534G B/A001	Using waste exemption	Agricultural waste only	Use of mulch
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Treating waste exemption	Agricultural waste only	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Treating waste exemption	Agricultural waste only	Screening and blending of waste
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Agricultural waste only	Use of mulch
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste to manufacture finished goods
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters





ID	Location	Site	Reference	Category	Sub-Category	Description
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Storing waste exemption	Agricultural waste only	Storage of waste in secure containers
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Agricultural waste only	Incorporation of ash into soil
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Agricultural waste only	Use of baled end-of-life tyres in construction
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from a portable sanitary convenience
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
G	280m NE	The Elms Farm Lock Lane Ng23 6jg	EPR/NE5880U A/A001	Storing waste exemption	Non- agricultural waste only	Storage of sludge
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice





ID	Location	Site	Reference	Category	Sub-Category	Description
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Storing waste exemption	Agricultural waste only	Storage of waste in a secure place
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
Н	335m N	Willoughby Farm Newark Nottinghamshire Ng23 6jy	EPR/RF0237Q C/A001	Using waste exemption	Agricultural waste only	Spreading of plant matter to confer benefit
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Storing waste exemption	On a farm	Storage of waste in a secure place
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Using waste exemption	On a farm	Use of waste in construction
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Using waste exemption	On a farm	Use of waste for a specified purpose
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX248120	Disposing of waste exemption	On a farm	Burning waste in the open





ID	Location	Site	Reference	Category	Sub-Category	Description
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Disposing of waste exemption	On a farm	Burning waste in the open
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Storing waste exemption	On a farm	Storage of waste in a secure place
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Using waste exemption	On a farm	Use of waste in construction
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
Н	340m N	Willoughby Farm, Norwell, Newark, Ng23 6jy	WEX105671	Using waste exemption	On a farm	Use of waste for a specified purpose
12	354m NW	-	WEX363709	Using waste exemption	On a farm	Use of waste in construction
13	380m NW	-	WEX404395	Using waste exemption	Not on a farm	Use of waste in construction
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Using waste exemption	On a farm	Use of waste in construction
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Using waste exemption	On a farm	Use of waste for a specified purpose
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Using waste exemption	On a farm	Pig and poultry ash





ID	Location	Site	Reference	Category	Sub-Category	Description
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX329334	Storing waste exemption	On a farm	Storage of waste in a secure place
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Using waste exemption	On a farm	Use of waste for a specified purpose
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Using waste exemption	On a farm	Use of waste in construction
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Storing waste exemption	On a farm	Storage of waste in a secure place
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Using waste exemption	On a farm	Pig and poultry ash
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX051413	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX051413	Using waste exemption	On a farm	Use of waste in construction
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX051413	Using waste exemption	On a farm	Use of waste for a specified purpose
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	388m SW	Elm Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX205098	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Disposing of waste exemption	On a farm	Burning waste in the open
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Treating waste exemption	On a farm	Recovery of scrap metal
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit





ID	Location	Site	Reference	Category	Sub-Category	Description
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Using waste exemption	On a farm	Use of waste in construction
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Storing waste exemption	On a farm	Storage of waste in secure containers
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX291490	Using waste exemption	On a farm	Use of waste for a specified purpose
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Treating waste exemption	On a farm	Recovery of scrap metal
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Disposing of waste exemption	On a farm	Burning waste in the open
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Using waste exemption	On a farm	Use of waste in construction
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Using waste exemption	On a farm	Use of waste for a specified purpose
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	411m SW	Greystone Farm, Main Street, Bathley, Newark, Ng23 6dj	WEX154607	Storing waste exemption	On a farm	Storage of waste in secure containers





ID	Location	Site	Reference	Category	Sub-Category	Description
J	414m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/KH0713R H/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
J	414m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/KH0713R H/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
J	414m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/KH0713R H/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
J	414m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/KH0713R H/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
J	414m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/KH0713R H/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
J	422m SW	Elm Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/XF0231BE /A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
J	422m SW	Elm Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/XF0231BE /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	422m SW	Elm Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/XF0231BE /A001	Using waste exemption	Non- agricultural waste only	Use of waste in construction
J	422m SW	Elm Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/XF0231BE /A001	Using waste exemption	Non- agricultural waste only	Use of waste for a specified purpose
J	422m SW	Elm Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/XF0231BE /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
K	436m S	Crows Nest, Crow Lane, South Muskham, Newark, Ng23 6dz	WEX310817	Treating waste exemption	Not on a farm	Sorting mixed waste
К	436m S	Crows Nest, Crow Lane, South Muskham, Newark, Ng23 6dz	WEX311207	Treating waste exemption	Not on a farm	Recovery of scrap metal
K	436m S	Crows Nest, Crow Lane, South Muskham, Newark, Ng23 6dz	WEX180964	Treating waste exemption	Not on a farm	Sorting mixed waste





ID	Location	Site	Reference	Category	Sub-Category	Description
M	458m S	South Muskham Fisheries/a1 Pits, Church Lane, South Muskham, Newark, Ng23 6eq	WEX399351	Using waste exemption	On a farm	Use of waste in construction
M	458m S	-	WEX270094	Using waste exemption	On a farm	Use of waste in construction
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from dredging of inland waters
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in secure containers
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
J	463m SW	Greystone Farm Main Street Newark Nottinghamshire Ng23 6dj	EPR/FF0602EG /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit
N	474m SW	Fallows End Farm Bathley Nottinghamshire Ng23 6dj	EPR/RE5588F W/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open







Your ref: GNRSP Grid ref: 478743 360663

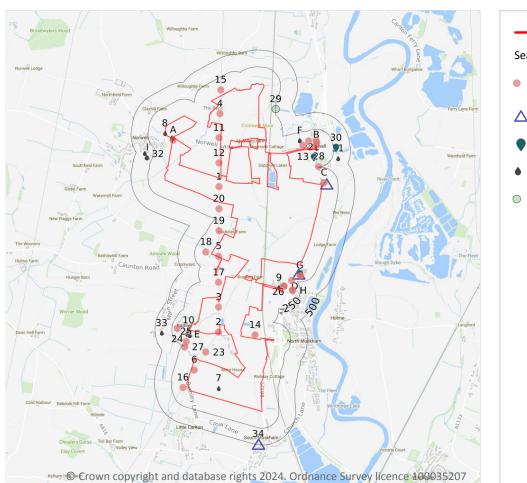
ID	Location	Site	Reference	Category	Sub-Category	Description
N	474m SW	Fallows End Farm Bathley Nottinghamshire Ng23 6dj	EPR/RE5588F W/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
N	474m SW	Fallows End Farm Bathley Nottinghamshire Ng23 6dj	EPR/RE5588F W/A001	Using waste exemption	Non- agricultural waste only	Use of waste in construction

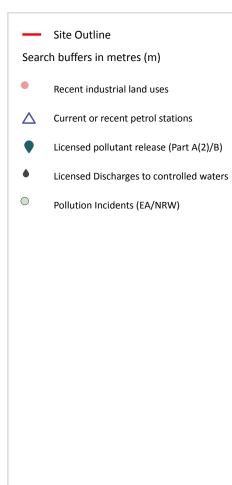
This data is sourced from the Environment Agency and Natural Resources Wales.



Your ref: GNRSP Grid ref: 478743 360663

# 4 Current industrial land use





### 4.1 Recent industrial land uses

Records within 250m 35

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 51 >

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





Your ref: GNRSP Grid ref: 478743 360663

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
Α	On site	Sewage Pumping Station	Nottinghamshire, NG23	Waste Storage, Processing and Disposal	Infrastructure and Facilities
В	18m NE	Electricity Sub Station	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
11	27m N	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
12	32m N	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
С	48m NE	BP Service Station	Cromwell Service Station, Great North Road, Cromwell, Newark, Nottinghamshire, NG23 6JE	Petrol and Fuel Stations	Road and Rail
13	50m NE	Tank	Nottinghamshire, NG23	Tanks (Generic)	Industrial Features
В	52m NE	Elm Access Ltd	Yew Tree Farm, Great North Road, Cromwell, Nottinghamshire, NG23 6JE	Construction and Tool Hire	Hire Services
14	52m S	R J & D Gibson	Cordon Lodge, Bathley Lane, South Muskham, Nottinghamshire, NG23 6DT	Dairy Farming	Farming
D	54m SE	Target Category Solutions	Office 3, Edgefield House, Vicarage Lane, North Muskham, Nottinghamshire, NG23 6ES	Catering and Non Specific Food Products	Foodstuffs
D	54m SE	Norman Hyde Ltd	Office 3 Edgefield House, Vicarage Lane, North Muskham, Nottinghamshire, NG23 6ES	Vehicle Components	Industrial Products
D	54m SE	Moto Legends Distribution Ltd	Edgefield House, Vicarage Lane, North Muskham, Nottinghamshire, NG23 6ES	Vehicle Components	Industrial Products
15	81m N	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
16	84m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
17	84m SW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities



Date: 24 October 2024



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Company	Address	Activity	Catagory
ID	Location	Company	Address	Activity	Category
18	85m W	Pump	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
В	85m NE	Morco Ltd	College Farmhouse, Great North Road, Cromwell, Nottinghamshire, NG23 6JE	Photographic and Optical Equipment	Household, Office, Leisure and Garden
19	98m W	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
20	98m NW	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
22	113m NE	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
Н	136m SE	Pumping Station	Nottinghamshire, NG23	Water Pumping Stations	Industrial Features
Н	137m SE	Sewage Pumping	Nottinghamshire, NG23	Waste Storage, Processing and Disposal	Infrastructure and Facilities
23	146m S	Pylon	Nottinghamshire, NG23	Electrical Features	Infrastructure and Facilities
G	155m SE	BP Service Station	The Garage, North Road, North Muskham, Newark, Nottinghamshire, NG23 6HT	Petrol and Fuel Stations	Road and Rail
G	160m SE	Apple Green	Applegreen Muskham Services, Great North Road, North Muskham, Nottinghamshire, NG23 6HT	Petrol and Fuel Stations	Road and Rail
24	171m SW	Smalley's Garage	Smalleys Garage, Main Street, Bathley, Nottinghamshire, NG23 6DA	Vehicle Repair, Testing and Servicing	Repair and Servicing
25	184m SW	Mooring	Nottinghamshire, NG23	Moorings and Unloading Facilities	Water
26	189m SE	Mast	Nottinghamshire, NG23	Telecommunications Features	Infrastructure and Facilities
27	218m SW	Holly Tree Workshop	Nottinghamshire, NG23	Unspecified Works Or Factories	Industrial Features
28	239m NE	Norwell Motors	The Old Forge, Great North Road, Cromwell, Nottinghamshire, NG23 6JE	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.





**Your ref**: GNRSP **Grid ref**: 478743 360663

### 4.2 Current or recent petrol stations

Records within 500m

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on page 51 >

ID	Location	Company	Address	LPG	Status
С	81m NE	WELCOME BREAK	A1 Northbound, Cromwell, Newark, Nottinghamshire, NG23 6JE	No	Open
G	133m SE	WELCOME BREAK	A1 Southbound, North Muskham, Newark, Nottinghamshire, NG23 6HT	No	Open
34	490m S	OBSOLETE	Main Street, South Muskham, Newark, Nottinghamshire, NG23 6EA	Not Applicable	Obsolete

This data is sourced from Experian.

# 4.3 Electricity cables

Records within 500m 0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

### 4.4 Gas pipelines

Records within 500m 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.



Date: 24 October 2024



**Your ref**: GNRSP **Grid ref**: 478743 360663

## 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

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 0

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

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





**Your ref**: GNRSP **Grid ref**: 478743 360663

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

Records within 500m 3

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 51 >

ID	Location	Address	Details	
21	106m NE	Lafarge Aggregates, Cromwell Quarry, Cromwell, Newark, Nottinghamshire, NG23 6JE	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
G	138m SE	Muskham Services, BP Service Station, A1 Southbound, North Road, North Muskham, Newark, Nottinghamshire, NG23 6HU	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
30	285m NE	Enemix Construction Cromwell Quarry, Cromwell, Newark, Nottinghamshire, NG9 2FE	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

#### 4.12 Radioactive Substance Authorisations

Records within 500m

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 26

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 51 >



Date: 24 October 2024



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Address	Details	
7	On site	CRABTREE PARK - SWS, WORKSOP, NOTTINGHAMSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: T/69/03043/O Permit Version: 1 Receiving Water: RIVER RYTON	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 13/10/1971 Effective Date: 13/10/1971 Revocation Date: 02/04/2000
A	On site	MAIN STREET - NORWELL SPS, MAIN STREET, NORWELL, NEWARK, NOTTINGHAMSHIRE, NG23 6JN	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3621 Permit Version: 2 Receiving Water: DITCH TRIBUTARY OF THE BECK	Status: SURRENDERED UNDER EPR 2010 Issue date: 05/09/2016 Effective Date: 05/09/2016 Revocation Date: 30/01/2023
8	1m NW	AREAS OF NORWELL VILLAGE - SWS, NORWELL, NEWARK, NOTTS	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: T/69/01562/O Permit Version: 1 Receiving Water: THE BECK/NORWELL BECK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 01/01/1971 Effective Date: 01/01/1971 Revocation Date: 02/04/2000
9	3m SE	THE GARAGE, VICARAGE LANE, NORTH MUSKHAM, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 3/28/69/1400 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/04/1970 Effective Date: 03/04/1970 Revocation Date: -
A	3m NW	MAIN STREET - NORWELL SPS, MAIN STREET, NORWELL, NEWARK, NOTTINGHAMSHIRE, NG23 6JN	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3621 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/09/2016
A	4m NW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
A	4m NW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010



Date: 24 October 2024



ID	Location	Address	Details	
A	4m NW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017
10	14m SW	MUSKHAM LANE SEWAGE PUMPING STATION, MUSKHAM LANE, BATHLEY, NEWARK, NOTTINGHAMSHIRE, NG23 6DB	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3683 Permit Version: 2 Receiving Water: DITCH TRIB. OF THE RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 05/09/2016 Effective Date: 05/09/2016 Revocation Date: -
Е	72m SW	MUSKHAM LANE SEWAGE PUMPING STATION, MUSKHAM LANE, BATHLEY, NEWARK, NOTTINGHAMSHIRE, NG23 6DB	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3683 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/09/2016
Е	77m SW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010
Е	77m SW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017
Е	77m SW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
F	128m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Address	Details	
F	128m NE	MAIN ST CROMWELL, MAIN ST, CROMWELL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: TSC3615 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 12/08/2011
F	128m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
F	128m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010
F	128m NE	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 4 Receiving Water: KELHAM BROOK	Status: VARIED UNDER EPR 2010 Issue date: 21/07/2017 Effective Date: 21/07/2017 Revocation Date: -
I	319m NW	SCHOOL LANE NORWELL SPS, SCHOOL LANE, NORWELL, NEWARK, NOTTINGHAMSHIRE, NG23 6JP	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3854 Permit Version: 1 Receiving Water: LOCAL DITCH	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/09/2016
I	328m NW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 2 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 28/02/1996 Revocation Date: 01/12/2010
I	328m NW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 3 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 02/12/2010 Revocation Date: 20/07/2017



Date: 24 October 2024



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Address	Details	
I	328m NW	PUMPING STATIONS, LOWER TRENT DIVISION, NOTTINGHAMSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/68/07337/O Permit Version: 1 Receiving Water: KELHAM BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 17/03/1977 Effective Date: 17/03/1977 Revocation Date: 27/02/1996
I	329m NW	SCHOOL LANE NORWELL SPS, SCHOOL LANE, NORWELL, NEWARK, NOTTINGHAMSHIRE, NG23 6JP	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TSC3854 Permit Version: 2 Receiving Water: DITCH TRIB. OF THE BECK	Status: VARIED UNDER EPR 2010 Issue date: 05/09/2016 Effective Date: 05/09/2016 Revocation Date: -
31	335m NE	CROMWELL QUARRY, CROMWELL QUARRY, CROMWELL, NEWARK- ON-TRENT, NOTTINGHAMSHIRE, NG23 6HX	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: NPSWQD002441 Permit Version: 3 Receiving Water: RIVER TRENT AND GROUNDWATER	Status: VARIED UNDER EPR 2010 Issue date: 21/12/2021 Effective Date: 21/12/2021 Revocation Date: -
32	375m NW	SCHOOL LANE, NORWELL, NOTTINGHAMSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: T/69/01348/O Permit Version: 1 Receiving Water: THE BECK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 08/03/1965 Effective Date: 08/03/1965 Revocation Date: -
33	407m SW	THE BARN, HOPYARD LANE, BATHLEY, NEWARK, NG23 6DQ	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRXB3297AL Permit Version: 1 Receiving Water: TRIBUTARY OF THE RIVER TRENT	Status: NEW ISSUED UNDER EPR 2010 Issue date: 28/07/2022 Effective Date: 28/07/2022 Revocation Date: -

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

# 4.14 Pollutant release to surface waters (Red List)

Records within 500m

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.







Your ref: GNRSP Grid ref: 478743 360663

# 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

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 <a href="majore">page 51</a> >

ID	Location	Details	
29	249m N	Incident Date: 03/04/2002 Incident Identification: 68408 Pollutant: Oils and Fuel Pollutant Description: Hydraulic Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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



Contact us with any questions at: Date: 24 October 2024



Your ref: GNRSP **Grid ref**: 478743 360663

# 4.19 Pollution inventory substances

Records within 500m 0

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

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

### 4.20 Pollution inventory waste transfers

Records within 500m 0

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

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

# 4.21 Pollution inventory radioactive waste

Records within 500m

01273 257 755

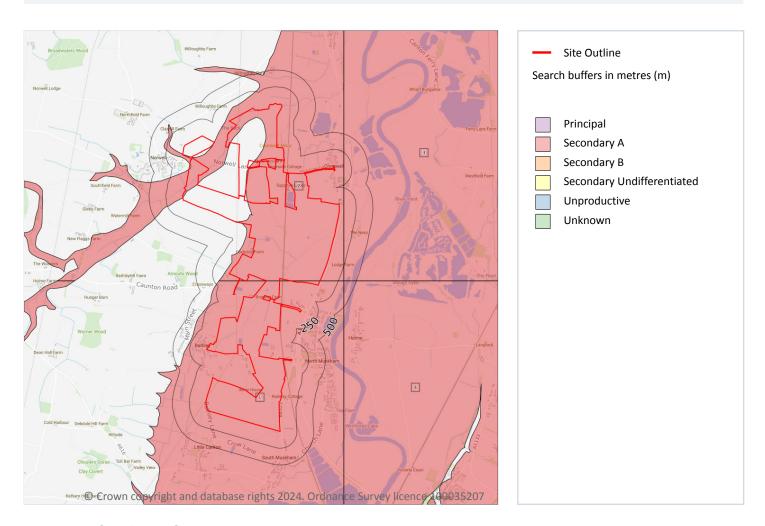
The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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



Your ref: GNRSP Grid ref: 478743 360663

# 5 Hydrogeology - Superficial aquifer



# 5.1 Superficial aquifer

Records within 500m 4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 63 >

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





Your ref: GNRSP **Grid ref**: 478743 360663

ID	Location	Designation	Description
3	67m 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
4	327m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

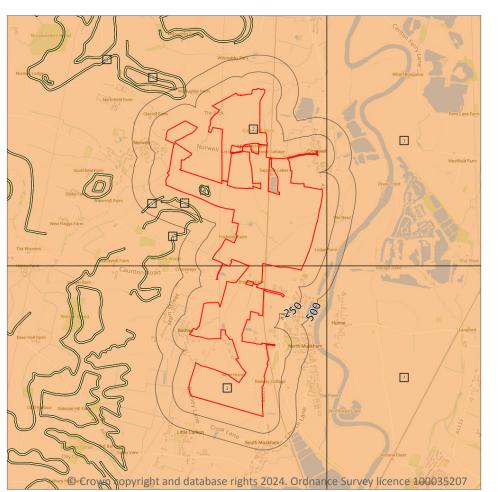
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

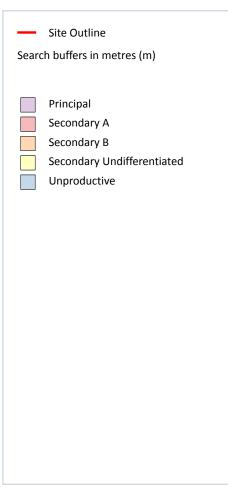
01273 257 755



**Your ref**: GNRSP **Grid ref**: 478743 360663

# **Bedrock aquifer**





# **5.2** Bedrock aquifer

Records within 500m 11

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on <a href="majority">page 65</a> >

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





Your ref: GNRSP Grid ref: 478743 360663

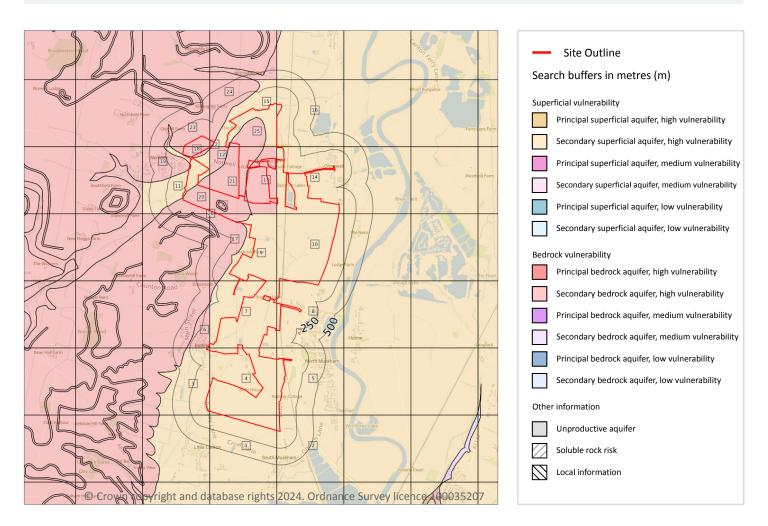
ID	Location	Designation	Description
Α	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
Α	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
3	67m 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
4	108m NW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
5	167m NW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
6	260m NW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	327m 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
8	329m NW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	484m NW	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



**Your ref**: GNRSP **Grid ref**: 478743 360663

# **Groundwater vulnerability**



# 5.3 Groundwater vulnerability

Records within 50m 28

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 67 >





**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Grid ref**: 478743 360663

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures





**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Grid ref**: 478743 360663

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
8	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
9	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
10	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
11	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	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, 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





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
13	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
14	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
15	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
16	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
17	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
18	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High 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
19	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High 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





Your ref: GNRSP Grid ref: 478743 360663

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





**Your ref**: GNRSP **Grid ref**: 478743 360663

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
Α	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
26	45m NW	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

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

# 5.4 Groundwater vulnerability- soluble rock risk

Records on site 0

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

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

# 5.5 Groundwater vulnerability- local information

Records on site 0

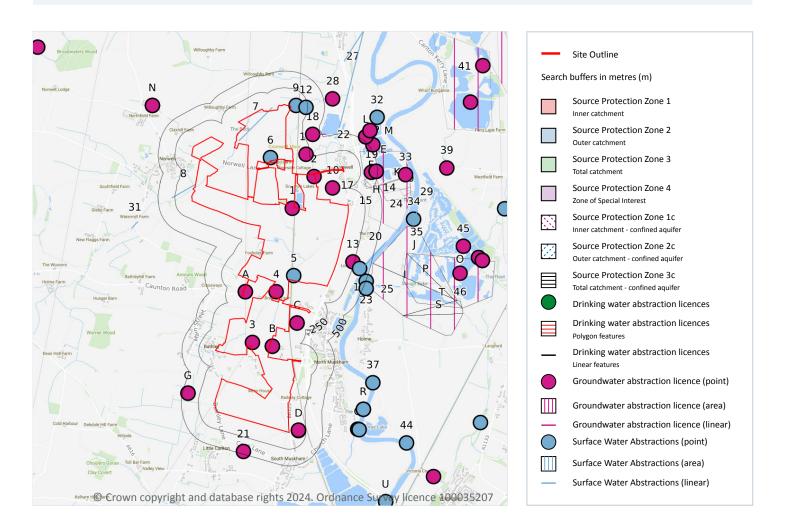
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506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

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



**Your ref**: GNRSP **Grid ref**: 478743 360663

### **Abstractions and Source Protection Zones**



### 5.6 Groundwater abstractions

#### Records within 2000m 74

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 73 >





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
1	On site	Status: Active Licence No: 03/28/69/0058 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: CROMWELL - POND Data Type: Point Name: J S DAKIN & CO Easting: 479100 Northing: 361100	Annual Volume (m³): 15474.58  Max Daily Volume (m³): 818.28  Original Application No: NPS/WR/032359  Original Start Date: 04/02/1966  Expiry Date: - Issue No: 101  Version Start Date: 02/09/2019  Version End Date: -
2	On site	Status: Active Licence No: 03/28/69/0267 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: CROMWELL - BOREHOLE Data Type: Point Name: J S DAKIN & CO Easting: 479420 Northing: 361570	Annual Volume (m³): 17500 Max Daily Volume (m³): 48 Original Application No: NPS/WR/032365 Original Start Date: 10/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 02/09/2019 Version End Date: -
3	On site	Status: Active Licence No: 03/28/69/0111 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: NORTH MUSKHAM - CATCHPIT (1) Data Type: Point Name: DENNIFF Easting: 478500 Northing: 359100	Annual Volume (m³): 70000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -
4	On site	Status: Active Licence No: 03/28/69/0111 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: NORTH MUSKHAM - CATCHPIT (2) Data Type: Point Name: DENNIFF Easting: 478860 Northing: 359850	Annual Volume (m³): 70000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/03/1996 Version End Date: -
A	27m SW	Status: Active Licence No: 03/28/69/0297 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 3) Data Type: Point Name: GIBSON Easting: 478400 Northing: 359850	Annual Volume (m³): 35000 Max Daily Volume (m³): 982 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 1 Version Start Date: 16/03/2005 Version End Date: -





**Your ref**: GNRSP **Grid ref**: 478743 360663

ID	Location	Details	
A	27m SW	Status: Historical Licence No: 03/28/68/0012 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 3) Data Type: Point Name: GIBSON Easting: 478400 Northing: 359850	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/11/1991 Version End Date: -
В	41m S	Status: Active Licence No: 03/28/69/0297 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 2) Data Type: Point Name: GIBSON Easting: 478800 Northing: 359040	Annual Volume (m³): 35000 Max Daily Volume (m³): 982 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 1 Version Start Date: 16/03/2005 Version End Date: -
В	41m S	Status: Historical Licence No: 03/28/68/0012 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 2) Data Type: Point Name: GIBSON Easting: 478800 Northing: 359040	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/11/1991 Version End Date: -
С	121m S	Status: Active Licence No: 03/28/69/0297 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 1) Data Type: Point Name: GIBSON Easting: 479170 Northing: 359390	Annual Volume (m³): 35000 Max Daily Volume (m³): 982 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 1 Version Start Date: 16/03/2005 Version End Date: -
С	121m S	Status: Historical Licence No: 03/28/68/0012 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: LAGOONS IN RIVER GRAVELS (POINT 1) Data Type: Point Name: GIBSON Easting: 479170 Northing: 359390	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/11/1991 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
D	142m S	Status: Historical Licence No: 03/28/69/0009/G Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - CATCHPIT Data Type: Point Name: J & J BURNETT LTD Easting: 479190 Northing: 357780	Annual Volume (m³): 20630 Max Daily Volume (m³): 455 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
D	142m S	Status: Active Licence No: MD/028/0069/027 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - CATCHPIT Data Type: Point Name: J & J BURNETT LTD Easting: 479190 Northing: 357788	Annual Volume (m³): 20630 Max Daily Volume (m³): 455 Original Application No: - Original Start Date: 27/05/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 12/04/2019 Version End Date: -
10	179m NE	Status: Active Licence No: 03/28/69/0060 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: CROMWELL - CATCHPIT Data Type: Point Name: JOHNSON Easting: 479700 Northing: 361400	Annual Volume (m³): 2273  Max Daily Volume (m³): 72.74  Original Application No: -  Original Start Date: 21/01/1966  Expiry Date: -  Issue No: 100  Version Start Date: 03/12/2018  Version End Date: -
11	192m N	Status: Active Licence No: 03/28/69/0110 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: CROMWELL MOOR - CATCHPIT Data Type: Point Name: TAYLOR Easting: 479300 Northing: 361900	Annual Volume (m³): 20000 Max Daily Volume (m³): 400 Original Application No: NPS/WR/028974 Original Start Date: 19/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2021 Version End Date: -
13	229m E	Status: Active Licence No: 03/28/68/0035 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: NORTH MUSKHAM - BOREHOLE Data Type: Point Name: J S DAKIN & CO Easting: 480000 Northing: 360300	Annual Volume (m³): 17500 Max Daily Volume (m³): 48 Original Application No: NPS/WR/032358 Original Start Date: 10/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 02/09/2019 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
E	285m NE	Status: Active Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA A AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480104 Northing: 361943	Annual Volume (m³): 4200000 Max Daily Volume (m³): 20736 Original Application No: NPS/WR/037561 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 24/07/2023 Version End Date: -
E	285m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA A AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480104 Northing: 361943	Annual Volume (m³): 3904267 Max Daily Volume (m³): 22009 Original Application No: NPS/NA/000047 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 18/03/2021 Version End Date: -
F	294m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA B CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480310 Northing: 361603	Annual Volume (m³): 3904267 Max Daily Volume (m³): 22009 Original Application No: NPS/NA/000047 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 18/03/2021 Version End Date: -
14	301m NE	Status: Active Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA C CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480313 Northing: 361469	Annual Volume (m³): 4200000 Max Daily Volume (m³): 20736 Original Application No: NPS/WR/037561 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 24/07/2023 Version End Date: -
15	339m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA A PART 2 AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480186 Northing: 361529	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
F	339m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA A PART 1 AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480186 Northing: 361529	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -
17	360m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA A PART 3 AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480171 Northing: 361452	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -
18	379m N	Status: Active Licence No: 03/28/69/0143 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: CROMWELL MOOR, CROMWELL - PIT Data Type: Point Name: J S DAKIN & CO Easting: 479400 Northing: 362200	Annual Volume (m³): 20457 Max Daily Volume (m³): 1136 Original Application No: NPS/WR/032363 Original Start Date: 18/03/1981 Expiry Date: - Issue No: 101 Version Start Date: 02/09/2019 Version End Date: -
19	412m NE	Status: Active Licence No: MD/028/0069/028 Details: Mineral Washing Direct Source: Groundwater Midlands Region Point: CROMWELL QUARRY Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 480279 Northing: 361637	Annual Volume (m³): 660765 Max Daily Volume (m³): 4100 Original Application No: NPS/WR/037030 Original Start Date: 13/06/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 26/01/2024 Version End Date: -
G	424m SW	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 (m³): 24500 Max Daily Volume (m³): 800 Original Application No: - Original Start Date: 01/01/1995 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
G	424m SW	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 (m³): 12500 Max Daily Volume (m³): 410 Original Application No: - Original Start Date: 29/11/1985 Expiry Date: - Issue No: 100 Version Start Date: 03/12/2018 Version End Date: -
21	462m S	Status: Active Licence No: 03/28/69/0171 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: SOUTH MUSKHAM - LAGOON Data Type: Point Name: STANIFORTH Easting: 478370 Northing: 357470	Annual Volume (m³): 27750  Max Daily Volume (m³): 550  Original Application No: NPS/WR/010721  Original Start Date: 10/07/1986  Expiry Date: - Issue No: 101  Version Start Date: 23/05/2012  Version End Date: -
22	464m N	Status: Historical Licence No: 03/28/69/0189 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: CROMWELL LAKE Data Type: Line Name: TAYLOR Easting: 479500 Northing: 362200	Annual Volume (m³): 9251 Max Daily Volume (m³): 545.5 Original Application No: - Original Start Date: 14/06/1991 Expiry Date: - Issue No: 100 Version Start Date: 31/08/1993 Version End Date: -
Н	483m NE	Status: Active Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: POINT D CROMWELL QUARRY, NEWARK Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 480350 Northing: 361650	Annual Volume (m³): 4200000 Max Daily Volume (m³): 20736 Original Application No: NPS/WR/037561 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 24/07/2023 Version End Date: -
Н	483m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: POINT D CROMWELL QUARRY, NEWARK Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 480350 Northing: 361650	Annual Volume (m³): 3904267 Max Daily Volume (m³): 22009 Original Application No: NPS/NA/000047 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 18/03/2021 Version End Date: -





Your ref: GNRSP **Grid ref**: 478743 360663

ID	Location	Details	
Н	483m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: POINT C AT CROMWELL QUARRY, NEWARK Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 480350 Northing: 361650	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -
I	526m E	Status: Active Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'B' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480300 Northing: 360276	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
I	526m E	Status: Historical Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'B' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480300 Northing: 360276	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
I	526m E	Status: Historical Licence No: MD/028/0069/041 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'B' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480300 Northing: 360276	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: - Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 25/03/2021 Version End Date: -
J	526m E	Status: Active Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'A' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480812 Northing: 360835	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -



01273 257 755



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
J	526m E	Status: Historical Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'A' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480812 Northing: 360835	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
J	526m E	Status: Historical Licence No: MD/028/0069/041 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'A' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480812 Northing: 360835	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: - Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 25/03/2021 Version End Date: -
K	540m NE	Status: Active Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA B CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480840 Northing: 361574	Annual Volume (m³): 4200000 Max Daily Volume (m³): 20736 Original Application No: NPS/WR/037561 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 24/07/2023 Version End Date: -
K	540m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA C CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480840 Northing: 361574	Annual Volume (m³): 3904267 Max Daily Volume (m³): 22009 Original Application No: NPS/NA/000047 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 18/03/2021 Version End Date: -
24	542m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA B PART 1 AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480392 Northing: 361428	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
26	557m NE	Status: Active Licence No: MD/028/0069/028 Details: Mineral Washing Direct Source: Groundwater Midlands Region Point: POINT B CROMWELL QUARRY, CROMWELL, NOTTINGHAMSHIRE Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 480301 Northing: 362043	Annual Volume (m³): 660765 Max Daily Volume (m³): 4100 Original Application No: NPS/WR/037030 Original Start Date: 13/06/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 26/01/2024 Version End Date: -
L	561m NE	Status: Historical Licence No: 03/28/69/0302 Details: Mineral Washing Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA (RIVER GRAVELS) AT CROMWELL - LAGOON Data Type: Point Name: LAFARGE AGGREGATES LIMITED Easting: 480190 Northing: 362160	Annual Volume (m³): 660000 Max Daily Volume (m³): 2361 Original Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2015 Issue No: 5 Version Start Date: 26/09/2013 Version End Date: -
L	561m NE	Status: Historical Licence No: 03/28/69/0302 Details: Process Water Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA (RIVER GRAVELS) AT CROMWELL - LAGOON Data Type: Point Name: LAFARGE AGGREGATES LIMITED Easting: 480190 Northing: 362160	Annual Volume (m³): 660000 Max Daily Volume (m³): 2361 Original Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2015 Issue No: 5 Version Start Date: 26/09/2013 Version End Date: -
L	561m NE	Status: Historical Licence No: 03/28/69/0302 Details: Dust Suppression Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA (RIVER GRAVELS) AT CROMWELL - LAGOON Data Type: Point Name: LAFARGE AGGREGATES LIMITED Easting: 480190 Northing: 362160	Annual Volume (m³): 660000 Max Daily Volume (m³): 2361 Original Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2015 Issue No: 5 Version Start Date: 26/09/2013 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
28	636m N	Status: Active Licence No: 03/28/69/0268 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LAND AT CROMWELL - BOREHOLE Data Type: Point Name: J S DAKIN & CO Easting: 479700 Northing: 362730	Annual Volume (m³): 17500 Max Daily Volume (m³): 48 Original Application No: NPS/WR/032367 Original Start Date: 10/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 02/09/2019 Version End Date: -
M	677m NE	Status: Active Licence No: 03/28/69/0302/R01 Details: Mineral Washing Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA (RIVER GRAVELS) AT CROMWELL - LAGOON Data Type: Point Name: Tarmac Aggregates Limited Easting: 480255 Northing: 362256	Annual Volume (m³): 396000 Max Daily Volume (m³): 1417 Original Application No: NPS/WR/038724 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
M	677m NE	Status: Active Licence No: 03/28/69/0302/R01 Details: Dust Suppression Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA (RIVER GRAVELS) AT CROMWELL - LAGOON Data Type: Point Name: Tarmac Aggregates Limited Easting: 480255 Northing: 362256	Annual Volume (m³): 396000 Max Daily Volume (m³): 1417 Original Application No: NPS/WR/038724 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
M	677m NE	Status: Active Licence No: 03/28/69/0302/R01 Details: Process Water Direct Source: Groundwater Midlands Region Point: UNDERGROUND STRATA (RIVER GRAVELS) AT CROMWELL - LAGOON Data Type: Point Name: Tarmac Aggregates Limited Easting: 480255 Northing: 362256	Annual Volume (m³): 396000 Max Daily Volume (m³): 1417 Original Application No: NPS/WR/038724 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
29	801m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA B PART 2 AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480697 Northing: 361376	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -
30	843m NE	Status: Historical Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: AREA B PART 3 AT CROMWELL QUARRY, NEWARK Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 480762 Northing: 361280	Annual Volume (m³): 2100000 Max Daily Volume (m³): 10368 Original Application No: - Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/02/2021 Version End Date: -
N	870m NW	Status: Active Licence No: 03/28/69/0312/R01 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LODGE FARM-NORWELL BOREHOLE Data Type: Point Name: Germany Farms Limited Easting: 477010 Northing: 362630	Annual Volume (m³): 15000 Max Daily Volume (m³): 70 Original Application No: NPS/WR/016352 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
N	870m NW	Status: Historical Licence No: 03/28/69/0312 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LODGE FARM-NORWELL BOREHOLE Data Type: Point Name: Germany Farms Limited Easting: 477010 Northing: 362630	Annual Volume (m³): 15000 Max Daily Volume (m³): 70 Original Application No: - Original Start Date: 21/02/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 11/10/2010 Version End Date: -
33	918m NE	Status: Active Licence No: MD/028/0069/037 Details: Dewatering Direct Source: Groundwater Midlands Region Point: POINT E CROMWELL QUARRY, NEWARK Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 480784 Northing: 361600	Annual Volume (m³): 4200000 Max Daily Volume (m³): 20736 Original Application No: NPS/WR/037561 Original Start Date: 24/02/2021 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 24/07/2023 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
0	970m E	Status: Active Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY NA AREA B Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480801 Northing: 360429	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
0	970m E	Status: Historical Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY NA AREA B Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480801 Northing: 360429	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
0	970m E	Status: Historical Licence No: MD/028/0069/041 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY NA AREA B Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480801 Northing: 360429	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: - Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 25/03/2021 Version End Date: -
P	970m E	Status: Active Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY NA AREA A Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480801 Northing: 360429	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
P	970m E	Status: Historical Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY NA AREA A Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480801 Northing: 360429	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
P	970m E	Status: Historical Licence No: MD/028/0069/041 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY NA AREA A Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480801 Northing: 360429	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: - Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 25/03/2021 Version End Date: -
S	1212m SE	Status: Active Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'D' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 481643 Northing: 359526	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
S	1212m SE	Status: Historical Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'D' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 481643 Northing: 359526	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
S	1212m SE	Status: Historical Licence No: MD/028/0069/041 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'D' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 481643 Northing: 359526	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: - Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 25/03/2021 Version End Date: -
Т	1212m SE	Status: Active Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'C' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480747 Northing: 359496	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
T	1212m SE	Status: Historical Licence No: MD/028/0069/041 Details: Dewatering Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'C' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480747 Northing: 359496	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: NPS/WR/038710 Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 26/08/2022 Version End Date: -
Т	1212m SE	Status: Historical Licence No: MD/028/0069/041 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: LANGFORD QUARRY AREA 'C' Data Type: Poly4 Name: Tarmac Trading Limited Easting: 480747 Northing: 359496	Annual Volume (m³): 4536000 Max Daily Volume (m³): 12960 Original Application No: - Original Start Date: 15/10/2019 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 25/03/2021 Version End Date: -
39	1534m NE	Status: Historical Licence No: 03/28/69/0093/G Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: NORTH COLLINGHAM - EXCAVATION Data Type: Point Name: APPLEWHITE Easting: 481400 Northing: 361700	Annual Volume (m³): 9092 Max Daily Volume (m³): 909.2 Original Application No: - Original Start Date: 14/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/03/2005 Version End Date: -
41	1657m NE	Status: Active Licence No: MD/028/0069/045 Details: Dewatering Direct Source: Groundwater Midlands Region Point: BESTHORPE QUARRY, NEWARK, NOTTINGHAMSHIRE Data Type: Poly4 Name: Tarmac Trading Limited Easting: 481190 Northing: 363755	Annual Volume (m³): 702000 Max Daily Volume (m³): 4500 Original Application No: NPS/WR/038710 Original Start Date: 30/03/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 26/08/2022 Version End Date: -
-	1712m N	Status: Historical Licence No: 03/28/69/0190 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: CARLTON ON TRENT, NEWARK - WELL Data Type: Point Name: CALEDONIAN MINING COMPANY LIMITED Easting: 479410 Northing: 364310	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 06/08/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
-	1731m S	Status: Active Licence No: 03/28/68/0009/G Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: KELHAM - WATERHOLE (A) Data Type: Point Name: JAMES MILLER (KELHAM) LIMITED Easting: 477500 Northing: 356400	Annual Volume (m³): 65792 Max Daily Volume (m³): 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: -
45	1777m E	Status: Active Licence No: MD/028/0069/047 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: RSPB LANGFORD LOWFIELDS RESERVE Data Type: Point Name: RSPB Easting: 481646 Northing: 360530	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/032494 Original Start Date: 06/05/2020 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 06/05/2020 Version End Date: -
46	1819m E	Status: Active Licence No: MD/028/0069/047 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Groundwater Midlands Region Point: RSPB LANGFORD LOWFIELDS RESERVE 2 Data Type: Point Name: RSPB Easting: 481598 Northing: 360128	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/032494 Original Start Date: 06/05/2020 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 06/05/2020 Version End Date: -
-	1898m SW	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 (m³): 65792 Max Daily Volume (m³): 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: -
-	1957m N	Status: Historical Licence No: 03/28/69/0011 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: STUD FARM, SUTTON ON TRENT - WELL (4) Data Type: Point Name: J S DAKIN & CO Easting: 479000 Northing: 364600	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
-	1965m S	Status: Historical Licence No: 03/28/68/0016 Details: Process water Direct Source: Groundwater Midlands Region Point: CRANKLEY POINT, NEWARK - WELL Data Type: Point Name: TARMAC HEAVY BUILDING MATERIALS UK LTD Easting: 479030 Northing: 355790	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 24/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/08/1997 Version End Date: -

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

#### **5.7 Surface water abstractions**

Records within 2000m 26

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 73 >

ID	Location	Details	
5	On site	Status: Active Licence No: 03/28/68/0011 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: NESS FARM, NORTH MUSKHAM - MAIN DYKE Data Type: Point Name: J & J Burnett Limited Easting: 479120 Northing: 360090	Annual Volume (m³): 4278  Max Daily Volume (m³): 1210  Original Application No: NPS/WR/024616  Original Start Date: 04/01/1966  Expiry Date: - Issue No: 102  Version Start Date: 01/04/2017  Version End Date: -
6	On site	Status: Active Licence No: 03/28/69/0079 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: CROMWELL MOOR - CROMWELL BECK Data Type: Point Name: TAYLOR & SONS (GROWERS) LTD Easting: 478770 Northing: 361850	Annual Volume (m³): 50000 Max Daily Volume (m³): 1210 Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/12/2018 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
7	On site	Status: Historical Licence No: 03/28/69/0056 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: WILLOUGHBY FARM - THE BECK Data Type: Line Name: W Rigby & Son Property Limited Easting: 478800 Northing: 362600	Annual Volume (m³): 6819 Max Daily Volume (m³): 436.4 Original Application No: - Original Start Date: 21/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 03/03/2011 Version End Date: -
8	5m NW	Status: Historical Licence No: 03/28/69/0308 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: THE BECK, NORWELL Data Type: Line Name: CLAY Easting: 477300 Northing: 361250	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 16/06/2004 Expiry Date: 31/03/2005 Issue No: 1 Version Start Date: 16/06/2004 Version End Date: -
9	77m N	Status: Active Licence No: 03/28/69/0079 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: CROMWELL MOOR - NORWELL BECK Data Type: Point Name: TAYLOR & SONS (GROWERS) LTD Easting: 479150 Northing: 362630	Annual Volume (m³): 50000 Max Daily Volume (m³): 1210 Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/12/2018 Version End Date: -
12	224m N	Status: Historical Licence No: 03/28/69/0088 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: CROMWELL - THE BECK (POINT) Data Type: Point Name: ILLSLEY Easting: 479300 Northing: 362600	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 30/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/06/1976 Version End Date: -
16	353m E	Status: Active Licence No: 03/28/68/0027 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: LODGE FARM, NORTH MUSKHAM - RIVER TRENT Data Type: Point Name: J S DAKIN & CO Easting: 480100 Northing: 360200	Annual Volume (m³): 30000 Max Daily Volume (m³): 818.28 Original Application No: NPS/WR/032357 Original Start Date: 28/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 02/09/2019 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
20	418m E	Status: Active Licence No: 03/28/68/0011 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: NESS FARM, NORTH MUSKHAM - RIVER TRENT Data Type: Line Name: J & J Burnett Limited Easting: 480180 Northing: 360240	Annual Volume (m³): 4278 Max Daily Volume (m³): 1210 Original Application No: NPS/WR/024616 Original Start Date: 04/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2017 Version End Date: -
23	507m E	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT AT HOLME Data Type: Point Name: J & J BURNETT LTD Easting: 480197 Northing: 360009	Annual Volume (m³): 75000  Max Daily Volume (m³): 1200  Original Application No: -  Original Start Date: 12/10/1965  Expiry Date: -  Issue No: 104  Version Start Date: 01/04/2020  Version End Date: -
25	550m E	Status: Active Licence No: 03/28/68/0022 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: HOLME, NEWARK - RIVER TRENT (POINT 1) Data Type: Point Name: Hallam Farms Limited Easting: 480200 Northing: 359900	Annual Volume (m³): 9092.18  Max Daily Volume (m³): 545.53  Original Application No: NPS/WR/031910  Original Start Date: 08/03/1966  Expiry Date: - Issue No: 101  Version Start Date: 14/08/2019  Version End Date: -
27	591m NE	Status: Historical Licence No: 03/28/69/0088 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: CROMWELL - THE BECK (REACH) Data Type: Line Name: ILLSLEY Easting: 479800 Northing: 362300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 30/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/06/1976 Version End Date: -
31	859m W	Status: Historical Licence No: 03/28/69/0044 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: WATERMILL FARM, NORWELL - NORWELL BECK Data Type: Line Name: FOULDS Easting: 476700 Northing: 360800	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 22/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 29/09/1980 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
32	896m NE	Status: Historical Licence No: 03/28/69/0198 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: CROMWELL - UNNAMED TRIBUTARY OF RIVER TRENT Data Type: Point Name: MESSRS P L & A P HATTON Easting: 480360 Northing: 362450	Annual Volume (m³): 15000 Max Daily Volume (m³): 1100 Original Application No: - Original Start Date: 29/01/1993 Expiry Date: - Issue No: 100 Version Start Date: 16/03/2005 Version End Date: -
34	982m E	Status: Historical Licence No: MD/028/0069/034 Details: Fish Pass/Canoe Pass Direct Source: Surface Water Midlands Region Point: CROMWELL WEIR HEP - EEL AND LAMPREY PASS Data Type: Point Name: Canal and River Trust Easting: 480908 Northing: 360935	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/026555 Original Start Date: 13/02/2018 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2021 Version End Date: -
35	1007m E	Status: Historical Licence No: MD/028/0069/030 Details: Hydroelectric Power Generation Direct Source: Surface Water Midlands Region Point: CROMWELL WEIR HEP Data Type: Line Name: Canal and River Trust Easting: 480965 Northing: 361067	Annual Volume (m³): 2522880000 Max Daily Volume (m³): 6912000 Original Application No: NPS/WR/022415 Original Start Date: 13/02/2018 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 13/02/2018 Version End Date: -
Q	1025m SE	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (1) Data Type: Point Name: J & J BURNETT LTD Easting: 480074 Northing: 357804	Annual Volume (m³): 75000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 104 Version Start Date: 01/04/2020 Version End Date: -
Q	1041m SE	Status: Historical Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (1) Data Type: Point Name: J & J BURNETT LTD Easting: 480090 Northing: 357800	Annual Volume (m³): 75000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
36	1042m N	Status: Historical Licence No: 03/28/69/0304 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: LAND AT CARLTON ON TRENT Data Type: Line Name: GEORGE EDWARD VERE-LAURIE Easting: 479870 Northing: 363290	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 29/09/2001 Expiry Date: - Issue No: 1 Version Start Date: 29/09/2001 Version End Date: -
R	1099m SE	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (2) Data Type: Point Name: J & J BURNETT LTD Easting: 480154 Northing: 358100	Annual Volume (m³): 75000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 104 Version Start Date: 01/04/2020 Version End Date: -
R	1105m SE	Status: Historical Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT (2) Data Type: Point Name: J & J BURNETT LTD Easting: 480160 Northing: 358100	Annual Volume (m³): 75000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -
37	1120m SE	Status: Active Licence No: 03/28/68/0022 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: HOLME, NEWARK - RIVER TRENT (POINT2) Data Type: Point Name: Hallam Farms Limited Easting: 480300 Northing: 358500	Annual Volume (m³): 9092.18  Max Daily Volume (m³): 545.53  Original Application No: NPS/WR/031910  Original Start Date: 08/03/1966  Expiry Date: - Issue No: 101  Version Start Date: 14/08/2019  Version End Date: -
-	1378m S	Status: Active Licence No: 03/28/68/0029 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SOUTH MUSKHAM - RIVER TRENT Data Type: Line Name: STANIFORTH Easting: 478360 Northing: 356520	Annual Volume (m³): 26720 Max Daily Volume (m³): 1210 Original Application No: NPS/WR/010720 Original Start Date: 08/05/1986 Expiry Date: - Issue No: 101 Version Start Date: 03/12/2018 Version End Date: -





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	
-	1593m S	Status: Active Licence No: 03/28/68/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: KELHAM - RIVER TRENT Data Type: Line Name: JAMES MILLER (KELHAM) LIMITED Easting: 477600 Northing: 355600	Annual Volume (m³): 65792 Max Daily Volume (m³): 1000 Original Application No: - Original Start Date: 05/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 16/03/2005 Version End Date: -
44	1757m SE	Status: Active Licence No: 03/28/68/0022 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: HOLME, NEWARK - RIVER TRENT (POINT3) Data Type: Point Name: Hallam Farms Limited Easting: 480800 Northing: 357600	Annual Volume (m³): 9092.18  Max Daily Volume (m³): 545.53  Original Application No: NPS/WR/031910  Original Start Date: 08/03/1966  Expiry Date: - Issue No: 101  Version Start Date: 14/08/2019  Version End Date: -
U	1769m SE	Status: Active Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT - WINTHORPE BRIDGE Data Type: Point Name: J & J BURNETT LTD Easting: 480486 Northing: 356722	Annual Volume (m³): 75000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 104 Version Start Date: 01/04/2020 Version End Date: -
U	1774m SE	Status: Historical Licence No: 03/28/69/0009/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT - WINTHORPE BRIDGE Data Type: Point Name: J & J BURNETT LTD Easting: 480490 Northing: 356720	Annual Volume (m³): 75000 Max Daily Volume (m³): 1200 Original Application No: - Original Start Date: 12/10/1965 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2008 Version End Date: -

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

#### **5.8 Potable abstractions**

Records within 2000m 0

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

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





Your ref: GNRSP Grid ref: 478743 360663

#### **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

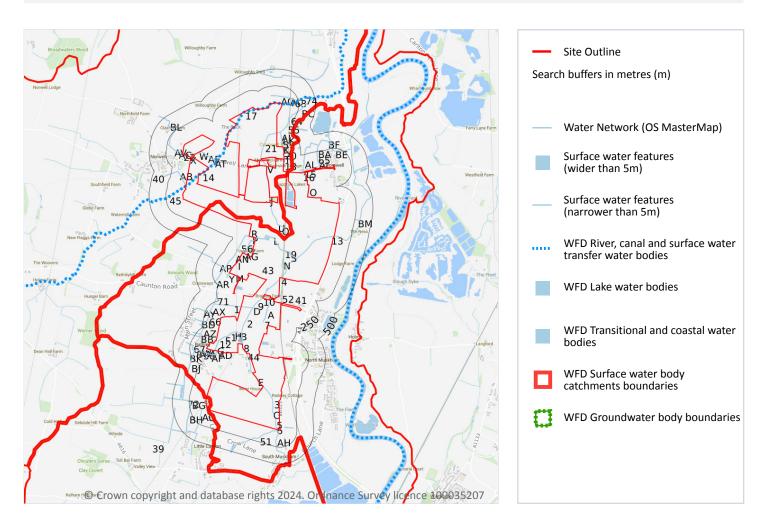
Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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



**Your ref**: GNRSP **Grid ref**: 478743 360663

# **6 Hydrology**



# **6.1 Water Network (OS MasterMap)**

Records within 250m 155

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 96 >

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





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





ID	Location	Type of water feature	Ground level	Permanence	Name
15	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
16	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Beck
18	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
19	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
20	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
21	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
22	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal	Underground	Watercourse contains	-





ID	Location	Type of water feature	Ground level	Permanence	Name
С	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.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Н	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
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)	-





Your ref: GNRSP Grid ref: 478743 360663

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





ID	Location	Type of water feature	Ground level	Permanence	Name
Т	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)	-
U	On site	Inland river not influenced by normal tidal action.	Underground	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)	-
W	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Υ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
44	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
45	1m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Beck
AB	1m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	1m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
W	1m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Type of water feature	Ground level	Permanence	Name
AC	4m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	4m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	5m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	8m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	12m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	12m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	12m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	12m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	19m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
АН	20m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
51	21m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	28m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Al	30m 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
52	31m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	32m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	41m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	46m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
55	55m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AJ	55m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AJ	56m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
56	57m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AK	57m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AL	63m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
58	76m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
59	76m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	79m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Type of water feature	Ground level	Permanence	Name
AM	81m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	87m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	87m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AN	87m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	89m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	89m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AO	89m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	90m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	90m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AN	90m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AP	90m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	94m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AQ	97m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
AR	109m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AT	138m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AT	141m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AU	145m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AV	146m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AU	147m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	148m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
63	153m N	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AW	161m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
64	176m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
65	176m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
66	176m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	177m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Type of water feature	Ground level	Permanence	Name
AY	177m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ВА	183m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AW	183m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BB	183m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
67	184m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BB	187m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ВВ	192m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AZ	192m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ВС	194m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BD	200m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AZ	200m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	211m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	211m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-







Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Type of water feature	Ground level	Permanence	Name
BE	211m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BE	214m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	214m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BE	215m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	215m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AZ	217m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	218m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	221m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	221m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BG	222m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ВН	222m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	222m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
71	224m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Type of water feature	Croundless	Darmananas	Nama
ID	Location	Type of water feature	Ground level	Permanence	Name
AV	229m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AV	230m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
72	231m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	231m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AV	232m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BJ	233m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ВК	233m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	242m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BL	242m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
74	243m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	The Beck
BM	247m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.





**Your ref**: GNRSP **Grid ref**: 478743 360663

#### 6.2 Surface water features

Records within 250m 63

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 96 >

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 96 >

ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
39	On site	River	Trent Bifurcation Pingley Dyke to Winthorpe	GB104028053390	Nottinghamshire South A	Trent Lower and Erewash
40	On site	River	The Beck Catchment (trib of Trent)	GB104028053440	Trent and Trib	Trent Lower and Erewash
41	On site	River	Trent from Soar to The Beck	GB104028053110	Nottingham Urban	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 96 >



109



Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
42	On site	River	The Beck Catchment (trib of Trent)	GB104028053440 ⊅	Moderate	Fail	Moderate	2019
92	440m E	River	Trent from Soar to The Beck	GB104028053110 ↗	Moderate	Fail	Moderate	2019
-	1297m S	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 96 >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
43	On site	Lower Trent Erewash - Secondary Combined	GB40402G990300 7	Good	Good	Good	2019

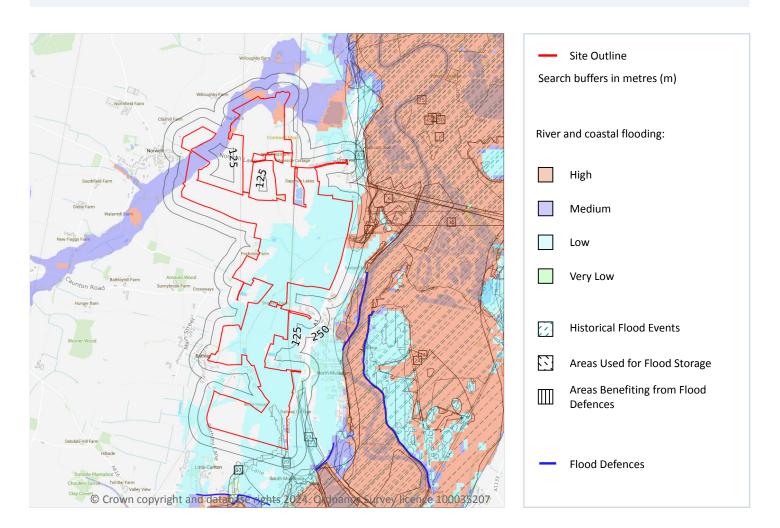
This data is sourced from the Environment Agency and Natural Resources Wales.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 7 River and coastal flooding



## 7.1 Risk of flooding from rivers and the sea

Records within 50m 37

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 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 111 >





**Your ref**: GNRSP **Grid ref**: 478743 360663

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 18

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

Features are displayed on the River and coastal flooding map on page 111 >

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
20	21m S	Trent 8th November 2000	2000-11-08 2000-11-08	Main river	Channel capacity exceeded (no raised defences)	Fluvial
22	27m E	Trent 1932 Newark - Cromwell	1932-05-01 1932-05-01	Main river	Channel capacity exceeded (no raised defences)	Fluvial
24	33m E	Fluvial Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
25	41m E	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
27	63m S	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
29	78m S	Fluvial Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
30	88m E	Trent 8th November 2000	2000-11-08 2000-11-08	Main river	Channel capacity exceeded (no raised defences)	Fluvial
32	98m NE	Tidal Trent 1932	1932-01-01 1932-01-01	Main river	Channel capacity exceeded (no raised defences)	Fluvial
34	109m NE	Tidal Trent 1947	1947-03-01 1947-03-01	Unknown	Channel capacity exceeded (no raised defences)	Fluvial
41	151m NE	Trent 8th November 2000	2000-11-08 2000-11-08	Main river	Channel capacity exceeded (no raised defences)	Fluvial





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
45	171m NE	Tidal Trent 1977	1977-02-01 1977-02-01	Main river	Channel capacity exceeded (no raised defences)	Fluvial
I	180m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
I	180m E	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
J	212m NE	Lower Trent 12 Nov 2000	2000-11-12 2000-11-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
J	212m NE	Lower Trent 12 Nov 2000	2000-11-12 2000-11-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
K	222m NE	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
K	222m NE	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
50	238m NE	Tidal Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Tidal

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 1

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

Features are displayed on the River and coastal flooding map on page 111 >

ID	Location	
17	On site	Area benefiting from flood defences





Your ref: GNRSP Grid ref: 478743 360663

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

## **7.5 Flood Storage Areas**

Records within 250m 0

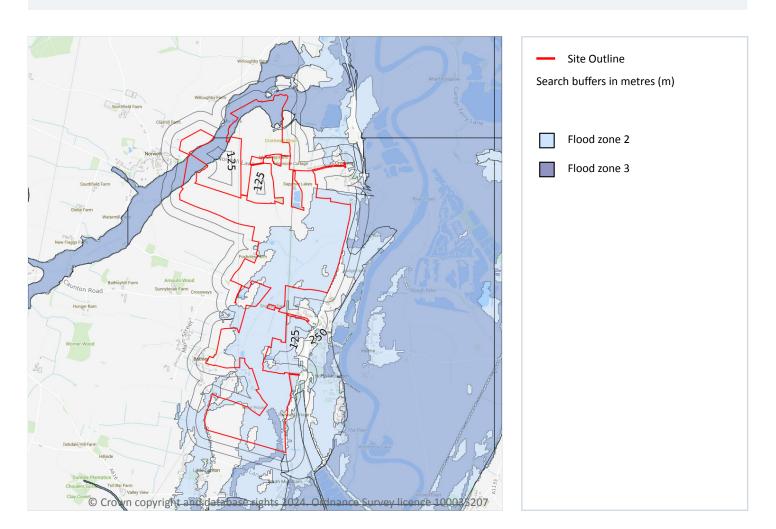
Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

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



**Your ref**: GNRSP **Grid ref**: 478743 360663

# **River and coastal flooding - Flood Zones**



#### 7.6 Flood Zone 2

Records within 50m 1

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

Features are displayed on the River and coastal flooding map on page 111 >

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

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





Your ref: GNRSP Grid ref: 478743 360663

#### 7.7 Flood Zone 3

Records within 50m

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 111 >

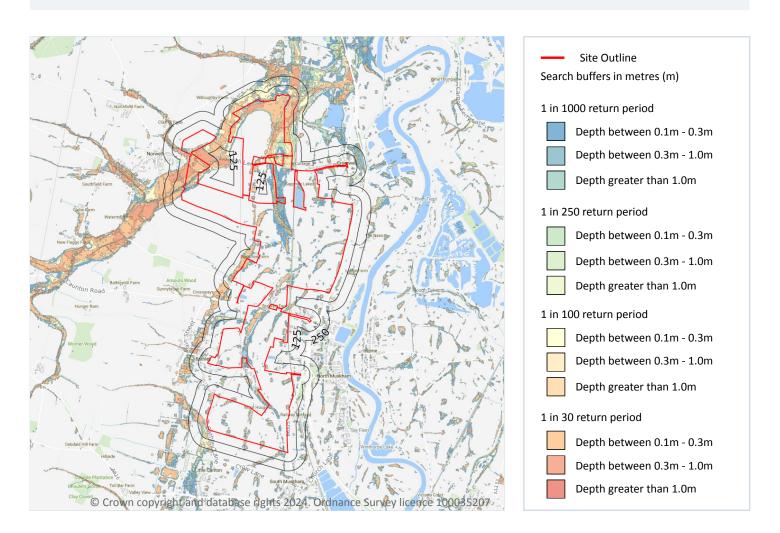
Location	Туре		
On site	Zone 3 - (Fluvial Models)		

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



**Your ref**: GNRSP **Grid ref**: 478743 360663

# 8 Surface water flooding



## 8.1 Surface water flooding

Highest risk on site 1 in 30 year, Greater than 1.0m

# Highest risk within 50m

1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on page 117 >

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.





Your ref: GNRSP Grid ref: 478743 360663

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

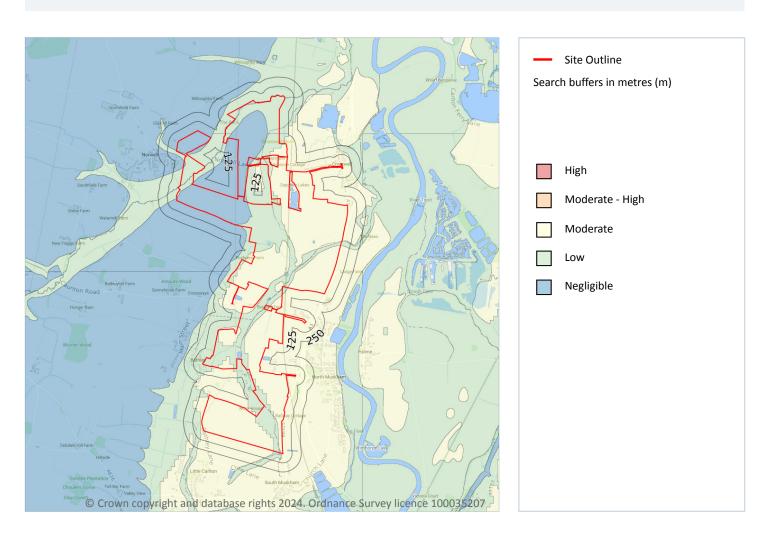
Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiental Risk Analytics.



**Your ref**: GNRSP **Grid ref**: 478743 360663

# 9 Groundwater flooding



# 9.1 Groundwater flooding

Highest risk on site Moderate

Highest risk within 50m Moderate

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 119 >

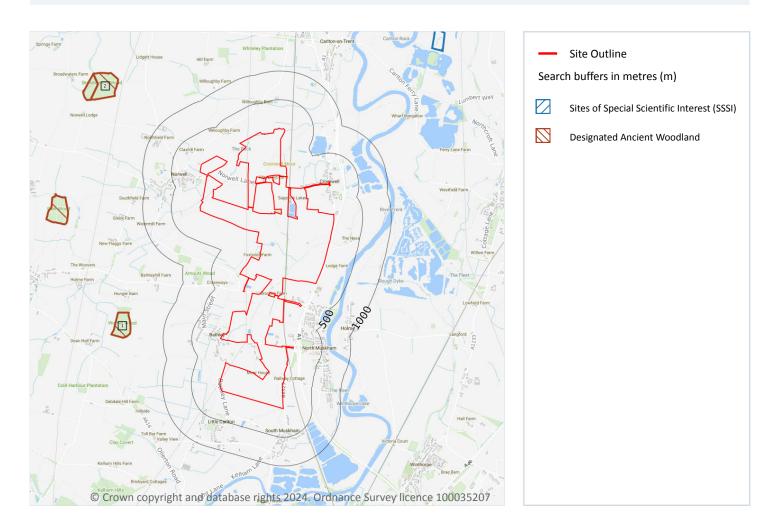
This data is sourced from Ambiental Risk Analytics.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 10 Environmental designations



## 10.1 Sites of Special Scientific Interest (SSSI)

#### Records within 2000m 0

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

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





Your ref: GNRSP **Grid ref**: 478743 360663

### 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.

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**Your ref**: GNRSP **Grid ref**: 478743 360663

### 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 2

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 120 >

ID	Location	Name	Woodland Type
1	1576m SW	Worner Wood	Ancient & Semi-Natural Woodland
2	1928m NW	Broadwaters 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

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.





0

**Your ref**: GNRSP **Grid ref**: 478743 360663

#### 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

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.





**Your ref**: GNRSP **Grid ref**: 478743 360663

#### 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 7

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.

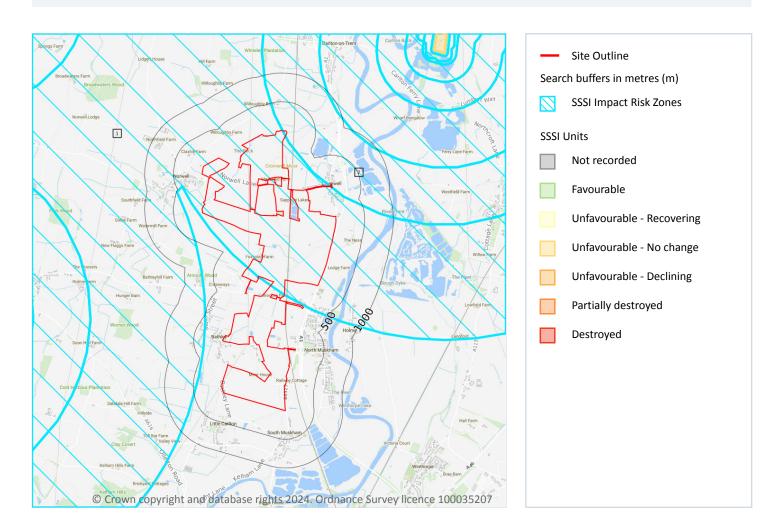
Location	Name	Туре	NVZ ID	Status
On site	River Trent from River Soar to Carlton-on-Trent NVZ	Surface Water	320	Existing
On site	The Beck Catchment (trib of Trent) NVZ	Surface Water	332	Existing
265m S	River Trent bifurcation pingley dyke to winthorpe NVZ	Surface Water	330	Existing
1523m NW	Goosemoor Dyke from Moorhouse Beck to River Trent NVZ	Surface Water	339	Existing
1719m E	The Fleet Upper Catchment (trib of Trent) NVZ	Surface Water	331	Existing
1773m S	River Trent bifurcation pingley dyke to winthorpe NVZ	Surface Water	330	Existing
1866m S	River Trent from River Soar to Carlton-on-Trent NVZ	Surface Water	320	Existing

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



**Your ref**: GNRSP **Grid ref**: 478743 360663

# **SSSI Impact Zones and Units**



### 10.17 SSSI Impact Risk Zones

Records on site 2

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 125 >

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.





Your ref: GNRSP Grid ref: 478743 360663

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.

This data is sourced from Natural England.

#### 10.18 SSSI Units

Records within 2000m 0

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

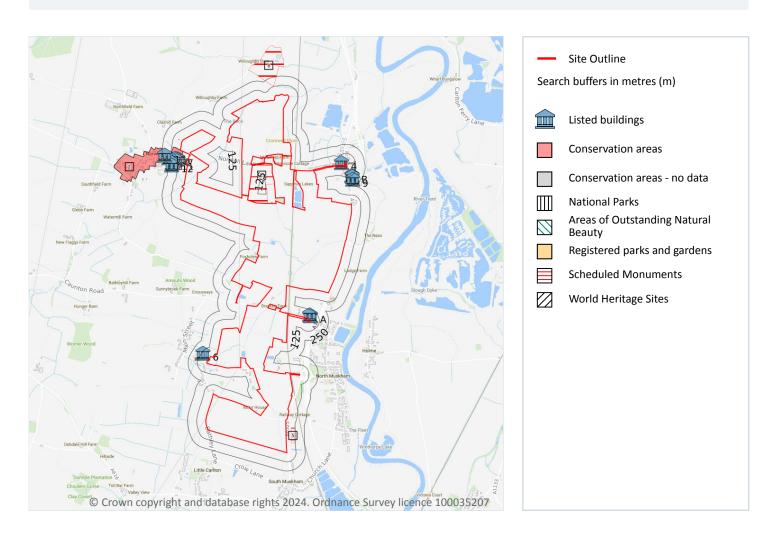
This data is sourced from Natural England and Natural Resources Wales.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 11 Visual and cultural designations



### 11.1 World Heritage Sites

Records within 250m 0

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

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





**Your ref**: GNRSP **Grid ref**: 478743 360663

## 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 14

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 127 >

ID	Location	Name	Grade	Reference Number	Listed date
4	42m NE	Pigeoncote At Willingham House	П	1178788	19/09/1985
Α	52m SE	Edgefield House Hotel And Boundary Wall	П	1369986	13/06/1973
А	57m SE	Coach House And Wall At Edgefield House Hotel	II	1045947	19/09/1985
6	112m SW	Grange Farm House	П	1046010	19/09/1985
7	120m NW	Church Of St Lawrence	I	1369970	11/08/1961
В	128m NE	Church Of St Giles	I	1369982	11/08/1961





**Your ref**: GNRSP **Grid ref**: 478743 360663

ID	Location	Name	Grade	Reference Number	Listed date
С	131m NW	Norwell War Memorial	II	1463366	17/05/2019
В	142m NE	Headstone 10 Metres South Of Chancel At Church Of St Giles	П	1302269	19/09/1985
С	147m NW	Boundary Wall At Church Of St Lawrence	II	1302068	19/09/1985
9	177m NE	The Old Rectory And Attached Cottage	II	1045979	07/08/1952
10	191m NW	1 Greasleys Cottages And Pitchforks Cottage	II	1045954	19/09/1985
11	204m NW	The Old Hall	II	1045955	19/09/1985
12	210m NW	Stable At The Old Hall	II	1179230	19/09/1985
13	224m NW	Church Farmhouse And Adjoining Church Farm Cottage	II	1369969	19/09/1985

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 127 >

ID	Location	Name	District	Date of designation
2	1m NW	Norwell	Newark and Sherwood	03/1972

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

#### 11.6 Scheduled Ancient Monuments

Records within 250m 4

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

Features are displayed on the Visual and cultural designations map on page 127 >





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Ancient monument name	Reference number		
1	On site	On site Settlement 3/4 mile (1198m) W of Cromwell Village			
3	36m NW	Old Hall moat and two fishponds	1009153		
5	66m S	Site of pit alignments	1003493		
8	130m N	Willoughby deserted medieval village, post-medieval moated manor, church, six fishponds, ridge and furrow and hollow way	1013884		

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.

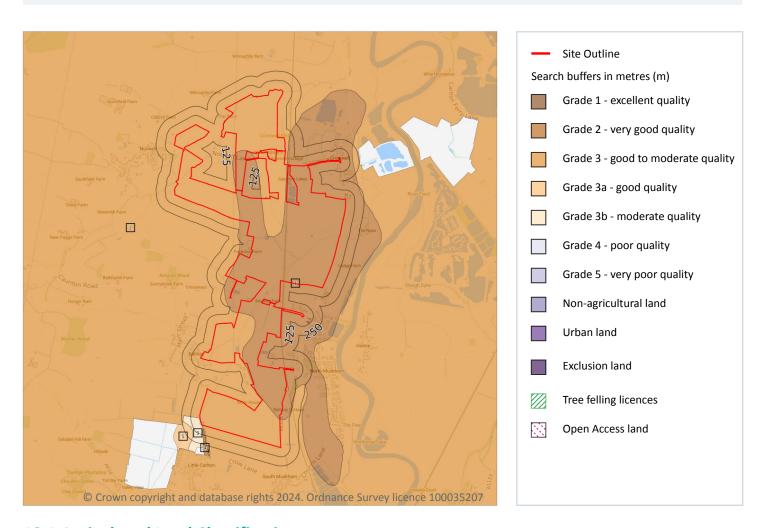
This data is sourced from Historic England, Cadw and Historic Environment Scotland.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 12 Agricultural designations



# 12.1 Agricultural Land Classification

Records within 250m 5

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 131 >





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Classification	Description
1	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
2	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
3	7m S	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
4	49m S	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
5	147m S	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

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.





**Your ref**: GNRSP **Grid ref**: 478743 360663

### 12.4 Environmental Stewardship Schemes

Records within 250m 0

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.

This data is sourced from Natural England.

### 12.5 Countryside Stewardship Schemes

Records within 250m 25

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	1256536	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1256536	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1256536	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1055458	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
On site	1271800	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1238060	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1238060	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1048462	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
On site	1253428	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	1253428	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
On site	828066	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024





Your ref: GNRSP **Grid ref**: 478743 360663

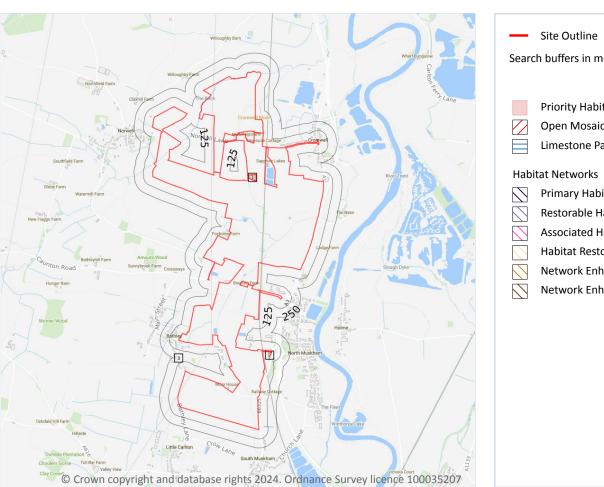
Location	Reference	Scheme	Start Date	End Date
On site	828066	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
1m W	1055458	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
3m NW	1229715	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
17m NW	1256536	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
37m E	1253428	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
130m N	1256536	Countryside Stewardship (Middle Tier)	01/01/2022	31/12/2026
131m N	1048462	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
139m N	1048462	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025

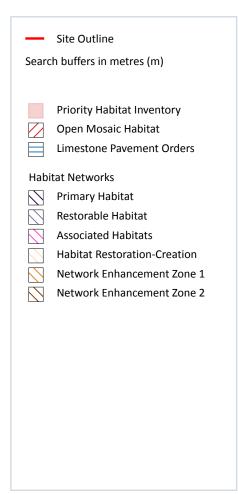
This data is sourced from Natural England.



Your ref: GNRSP Grid ref: 478743 360663

# 13 Habitat designations





### **13.1 Priority Habitat Inventory**

Records within 250m 3

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 135 >

ID	Location	Main Habitat	Other habitats		
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)		
2	1m S	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset		
3	174m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset		

This data is sourced from Natural England.





**Your ref**: GNRSP **Grid ref**: 478743 360663

#### 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

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.

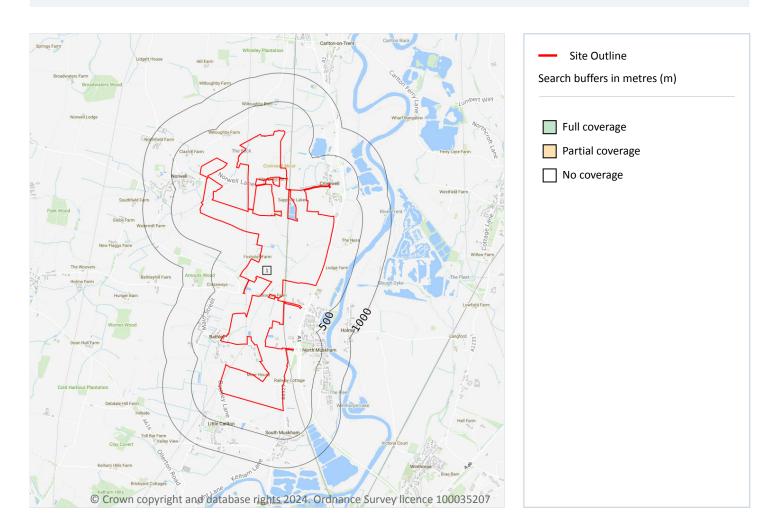
This data is sourced from Natural England.



Ref: GSIP-2024-16448-21124\_D Your ref: GNRSP

Grid ref: 478743 360663

# 14 Geology 1:10,000 scale - Availability



### 14.1 10k Availability

Records within 500m

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 137 >

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





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 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.





Your ref: GNRSP Grid ref: 478743 360663

# 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.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 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.

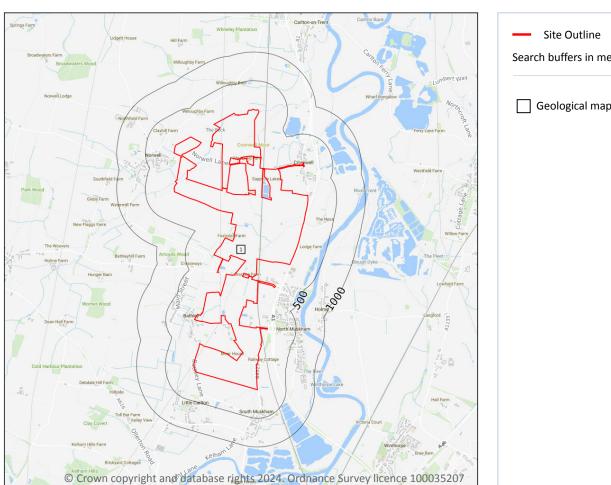




Ref: GSIP-2024-16448-21124\_D Your ref: GNRSP

**Grid ref**: 478743 360663

# 15 Geology 1:50,000 scale - Availability





### 15.1 50k Availability

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

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

Features are displayed on the Geology 1:50,000 scale - Availability map on page 141 >

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

This data is sourced from the British Geological Survey.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# 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

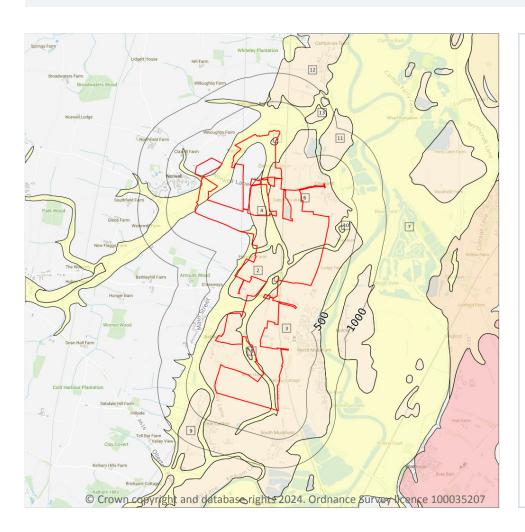
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).





**Your ref**: GNRSP **Grid ref**: 478743 360663

# Geology 1:50,000 scale - Superficial



Site Outline
Search buffers in metres (m)

Landslip (50k)

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

# 15.4 Superficial geology (50k)

#### Records within 500m 13

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 143 >

ID	Location	LEX Code	Description	Rock description
1	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
2	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
3	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
4	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	LEX Code	Description	Rock description
5	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
6	On site	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
7	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
8	55m S	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
9	126m SW	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
10	184m NE	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
11	233m NE	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
12	378m N	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL
13	490m N	HPSG-XSV	HOLME PIERREPONT SAND AND GRAVEL MEMBER	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

# 15.5 Superficial permeability (50k)

11

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

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

This data is sourced from the British Geological Survey.





0

**Your ref**: GNRSP **Grid ref**: 478743 360663

### 15.6 Landslip (50k)

Records within 500m

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

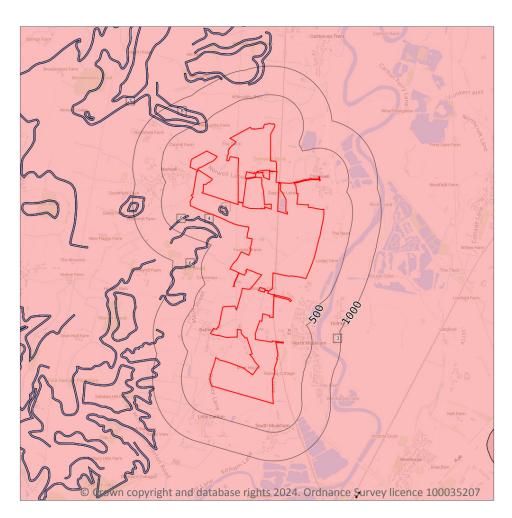
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).





Your ref: GNRSP Grid ref: 478743 360663

# 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 8

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 146 >

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





**Your ref**: GNRSP **Grid ref**: 478743 360663

ID	Location	LEX Code	Description	Rock age
3	On site	MMG- MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-
4	108m NW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
5	167m NW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
6	260m NW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
7	329m NW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-
8	484m NW	MMG-DSLST	MERCIA MUDSTONE GROUP - SILTSTONE, DOLOMITIC	-

This data is sourced from the British Geological Survey.

### 15.9 Bedrock permeability (50k)

Records within 50m 4

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	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

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.

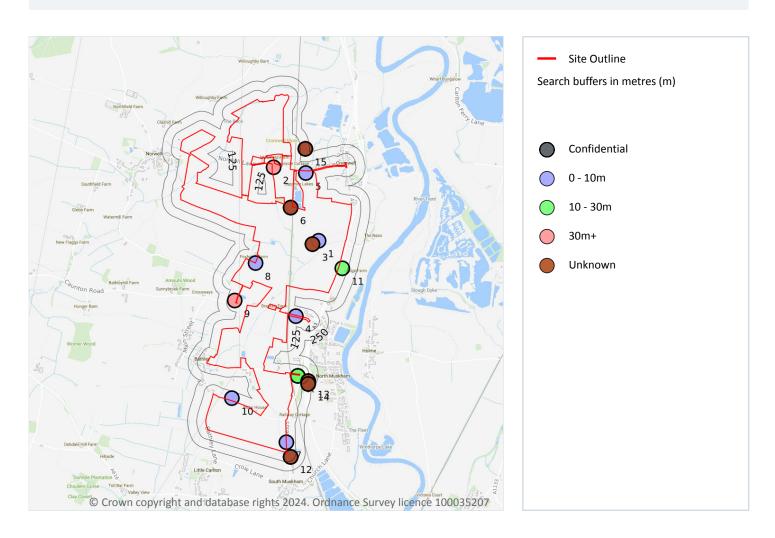
This data is sourced from the British Geological Survey.





**Your ref**: GNRSP **Grid ref**: 478743 360663

# **16 Boreholes**



#### 16.1 BGS Boreholes

Records within 250m 17

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 148 >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	479481 360645	CROMWELL NESS FARM	4.26	N	239504 7
2	On site	478866 361646	CROMWELL MOOR	693.4	N	239513 7
3	On site	479400 360600	THE ELMS FARM	-1.0	N	239516 7





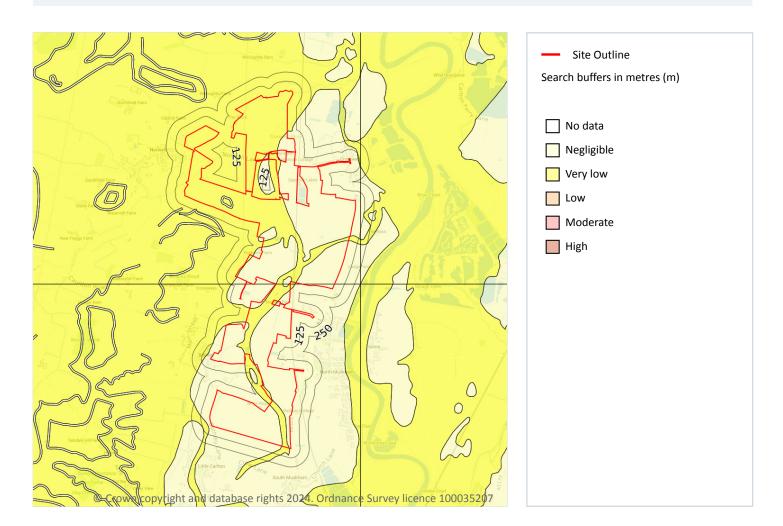
Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	479170 359620	NORTH MUSKAM	8.0	N	238959 🗷
5	On site	479307 361569	CROMWELL	9.6	N	239506 🗷
6	On site	479100 361100	DAKIN FARMS	-1.0	N	239519 🗷
7	On site	479040 357900	NORTH OF SOUTH MUSKHAM	7.0	N	238963 7
8	On site	478620 360340	FOXHOLMES FARM	9.5	N	239507 🗷
Α	14m S	479200 358800	DAIRY HOUSE OLD NORTH ROAD NORTH MUSKHAM	20.5	N	<u>18962254</u> <i></i> <b>7</b>
Α	14m S	479200 358800	DAIRY HOUSE FARM OLD NORTH ROAD NORTH MUSKHAM	12.0	N	20809604 ⁄
9	28m SW	478335 359832	VICARAGE LANE	704.54	N	239031 7
10	35m S	478300 358500	OAK FARM	7.0	N	238961 7
11	52m E	479806 360269	LODGE FARM	10.7	N	239508 7
12	75m S	479100 357700	BURRIDGE FARM	-1.0	N	239068 7
13	142m S	479340 358730	A1 NEWARK BY-PASS	-1.0	N	238980 7
14	168m S	479340 358690	A1 NEWARK BY-PASS	-1.0	Ν	238979 7
15	192m N	479300 361900	CROMWELL MOOR	-1.0	N	239518 7



**Your ref**: GNRSP **Grid ref**: 478743 360663

# 17 Natural ground subsidence - Shrink swell clays



### 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 150 >

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

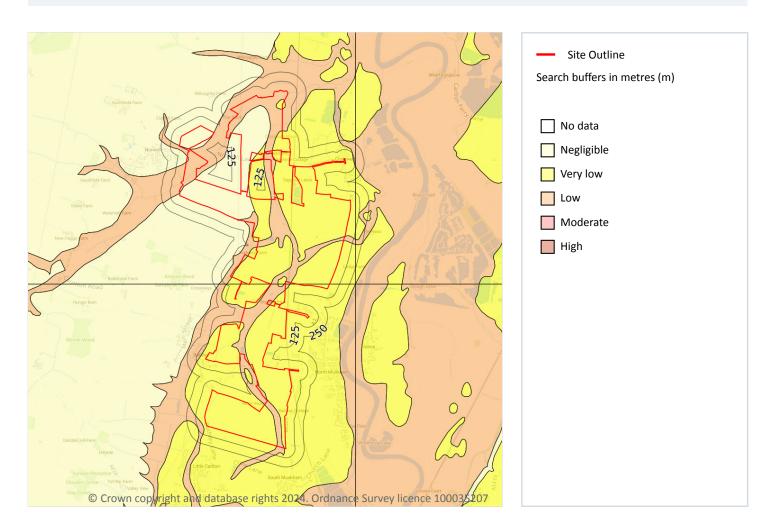
This data is sourced from the British Geological Survey.



**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Your ref**: GNRSP **Grid ref**: 478743 360663

# Natural ground subsidence - Running sands



### 17.2 Running sands

Records within 50m 3

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

Features are displayed on the Natural ground subsidence - Running sands map on page 151 >

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.





Your ref: GNRSP Grid ref: 478743 360663

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



**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Your ref**: GNRSP **Grid ref**: 478743 360663

# Natural ground subsidence - Compressible deposits



### 17.3 Compressible deposits

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on page 153 >

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.





**GNRSP** 

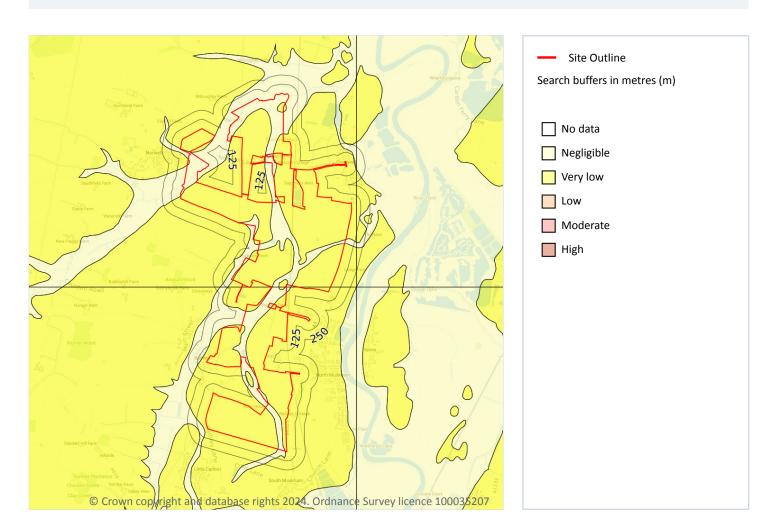
**Ref**: GSIP-2024-16448-21124\_D

Your ref: GNRSP **Grid ref**: 478743 360663



**Your ref**: GNRSP **Grid ref**: 478743 360663

# Natural ground subsidence - Collapsible deposits



### **17.4 Collapsible deposits**

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Collapsible deposits map on page 155 >

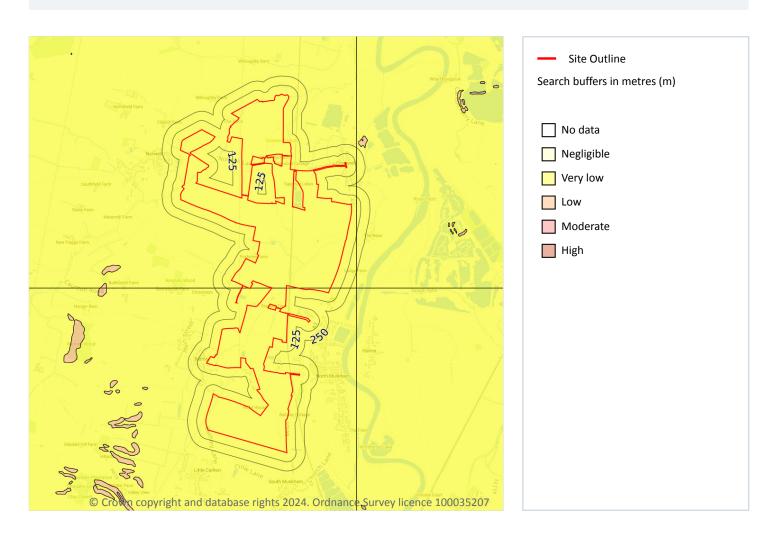
Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



**Your ref**: GNRSP **Grid ref**: 478743 360663

# **Natural ground subsidence - Landslides**



#### 17.5 Landslides

Records within 50m 1

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 156 >

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.

This data is sourced from the British Geological Survey.

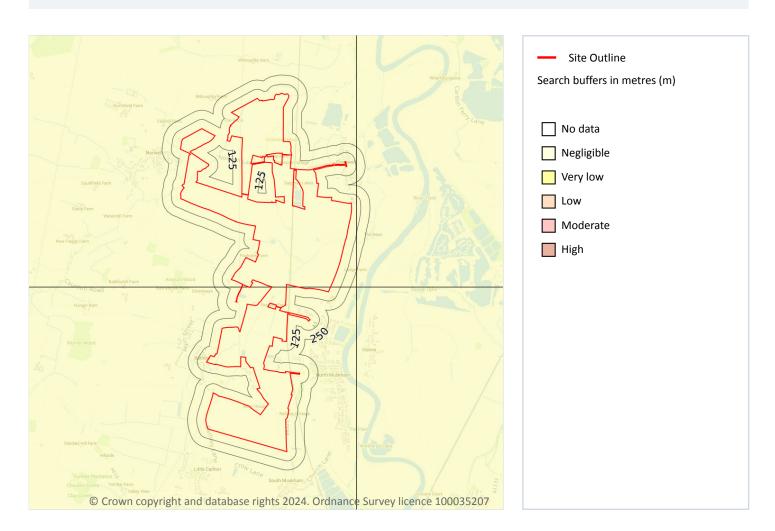




**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

Grid ref: 478743 360663

# Natural ground subsidence - Ground dissolution of soluble rocks



#### 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 <a href="mailto:page">page</a> >

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.





**GNRSP** 

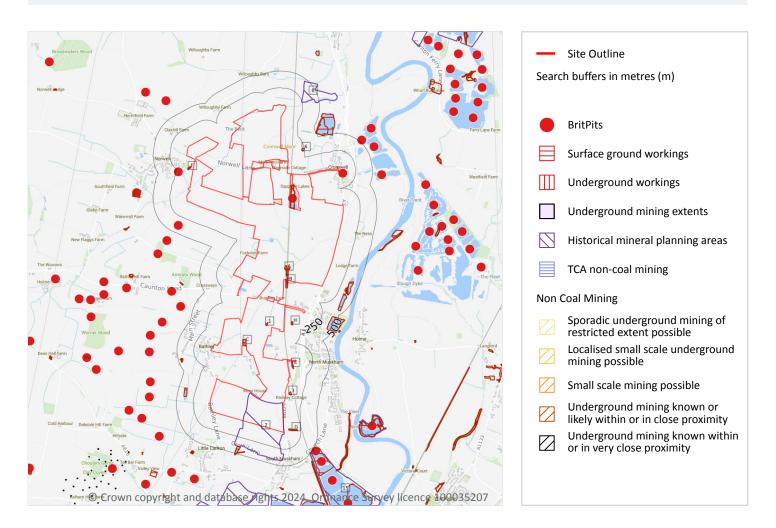
**Ref**: GSIP-2024-16448-21124\_D

Your ref: GNRSP Grid ref: 478743 360663



**Your ref**: GNRSP **Grid ref**: 478743 360663

# 18 Mining and ground workings



#### 18.1 BritPits

#### Records within 500m 7

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 159 >





Ref: GSIP-2024-16448-21124\_D Your ref: GNRSP

Grid ref: 478743 360663

15			
ID	Location	Details	Description
D	47m NE	Name: Cromwell Ballast Pit Address: Cromwell, NEWARK, Nottinghamshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
4	62m NE	Name: Cromwell Pits Address: Cromwell, NEWARK, Nottinghamshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
5	124m NE	Name: Cromwell Pits Address: Cromwell, NEWARK, Nottinghamshire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
7	213m NW	Name: Norwell Hall Pits Address: Norwell, 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
ı	263m NW	Name: Norwell Hall Pits Address: Norwell, 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
I	286m NW	Name: Norwell Hall Pits Address: Norwell, 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







Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Details	Description
12	389m W	Name: Foxholes Farm Pit Address: North 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

This data is sourced from the British Geological Survey.

# 18.2 Surface ground workings

Records within 250m 25

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 159 >

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Pond	1992	1:10000
Α	On site	Pond	1884	1:10560
Α	On site	Pond	1884	1:10560
Α	On site	Ponds	1974	1:10000
Α	On site	Ponds	1974	1:10000
В	On site	Pond	1884	1:10560
В	On site	Pond	1884	1:10560
С	On site	Pond	1971	1:10000
С	On site	Pond	1992	1:10000
D	On site	Water Body	1921	1:10560
D	On site	Water Body	1899	1:10560
D	On site	Water Body	1884	1:10560
D	3m NE	Pond	1974	1:10000
Е	12m S	Pond	1884	1:10560
Е	12m S	Unspecified Pit	1899	1:10560
F	37m NW	Pond	1899	1:10560





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Land Use	Year of mapping	Mapping scale
F	37m NW	Pond	1884	1:10560
F	39m NW	Pond	1974	1:10000
3	48m S	Pond	1971	1:10000
Е	62m S	Unspecified Pit	1921	1:10560
G	73m S	Pond	1971	1:10000
G	73m S	Pond	1992	1:10000
Н	106m S	Pond	1971	1:10000
Н	106m S	Pond	1992	1:10000
6	211m N	Pond	1974	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

### **18.3 Underground workings**

Records within 1000m 0

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

This is data is sourced from Ordnance Survey/Groundsure.

### **18.4 Underground mining extents**

Records within 500m 0

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

This data is sourced from Groundsure.

### **18.5 Historical Mineral Planning Areas**

Records within 500m 3

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

Features are displayed on the Mining and ground workings map on page 159 >





Your ref: GNRSP Grid ref: 478743 360663

ID	Location	Site Name	Mineral	Туре	Planning Status	Planning Status Date
2	On site	Rectory Farm	Sand and gravel	Surface mineral working	Refused	31/3/65
8	248m N	Cromwell	Sand and gravel	Surface mineral working	Refused	10/1/66
15	485m S	Crankly point	Sand and gravel	Surface mineral working	Valid	9/10/69

This data is sourced from the British Geological Survey.

### 18.6 Non-coal mining

Records within 1000m 0

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

This data is sourced from the British Geological Survey.

### 18.7 JPB mining areas

Records on site 0

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

This data is sourced from Johnson Poole and Bloomer.

# 18.8 The Coal Authority non-coal mining

Records within 500m 0

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

This data is sourced from The Coal Authority.





**Your ref**: GNRSP **Grid ref**: 478743 360663

### 18.9 Researched mining

Records within 500m 1

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

Location	Mineral type
221m NW	Stone

This data is sourced from Groundsure.

### 18.10 Mining record office plans

Records within 500m 0

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

This data is sourced from Groundsure.

### 18.11 BGS mine plans

Records within 500m 0

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

This data is sourced from Groundsure.

### 18.12 Coal mining

Records on site 0

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

This data is sourced from the Coal Authority.





Your ref: GNRSP Grid ref: 478743 360663

#### 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).





Your ref: GNRSP Grid ref: 478743 360663

### 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

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

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.



166



Your ref: GNRSP Grid ref: 478743 360663

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.

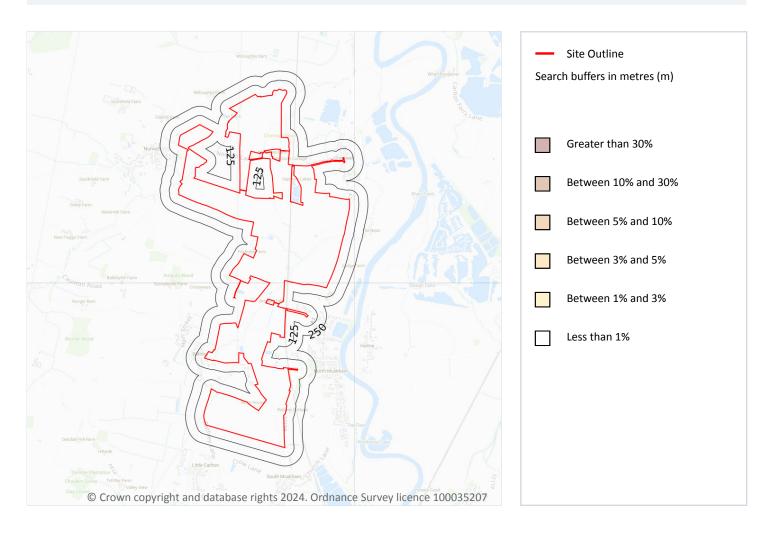
This data is sourced from the British Geological Survey.





**Your ref**: GNRSP **Grid ref**: 478743 360663

## 20 Radon



#### 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 168 >

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None







**GNRSP** 

Ref: GSIP-2024-16448-21124\_D

Your ref: GNRSP Grid ref: 478743 360663

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





**Ref**: GSIP-2024-16448-21124\_D **Your ref**: GNRSP

**Your ref**: GNRSP **Grid ref**: 478743 360663

## 21 Soil chemistry

### 21.1 BGS Estimated Background Soil Chemistry

Records within 50m 142

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

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





Your ref: GNRSP Grid ref: 478743 360663

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



Date: 24 October 2024



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmiu m	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	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





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





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





Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmiu m	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 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	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
5m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
11m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
15m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
17m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
21m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
21m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 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
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
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





**Your ref**: GNRSP **Grid ref**: 478743 360663

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmiu m	Chromium	Nickel
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
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
47m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
49m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

#### 21.2 BGS Estimated Urban Soil Chemistry

Records within 50m 0

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

This data is sourced from the British Geological Survey.

### 21.3 BGS Measured Urban Soil Chemistry

Records within 50m 0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.

This data is sourced from the British Geological Survey.

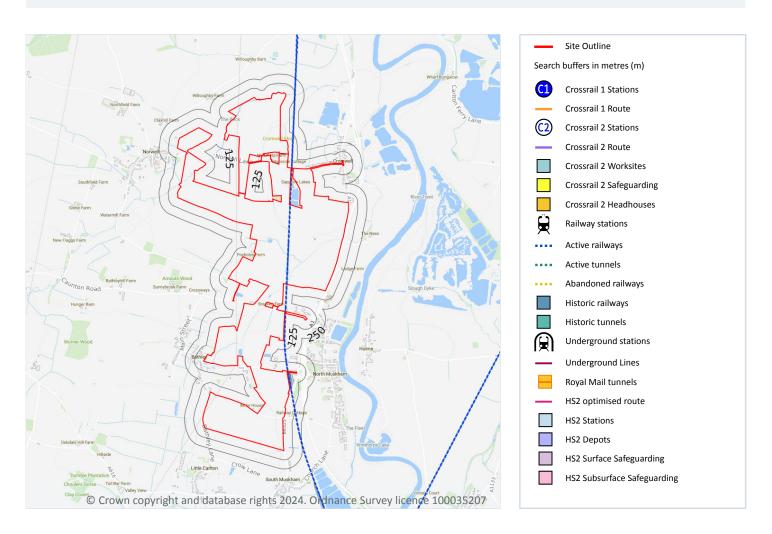


Date: 24 October 2024



**Your ref**: GNRSP **Grid ref**: 478743 360663

# 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

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.





**Your ref**: GNRSP **Grid ref**: 478743 360663

This data is sourced from publicly available information by Groundsure.

#### 22.3 Railway tunnels

Records within 250m

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 4

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

Features are displayed on the Railway infrastructure and projects map on page 179 >

Location	Land Use	Year of mapping	Mapping scale
1m S	Railway Sidings	1921	10560
1m S	Railway Sidings	1899	10560
1m S	Railway Sidings	1884	10560
13m S	Railway Sidings	1955	10560

This data is sourced from Ordnance Survey/Groundsure.

### 22.5 Royal Mail tunnels

Records within 250m 0

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

This data is sourced from Groundsure/the Postal Museum.





Date: 24 October 2024



0

**Your ref**: GNRSP **Grid ref**: 478743 360663

### **22.6 Historical railways**

Records within 250m

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 15

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on <a href="mailto:page 179">page 179</a> >

Location	Name	Туре
On site	East Coast Main Line	rail
On site	East Coast Main Line	rail
On site	Not given	Multi Track
On site	Not given	Multi Track
On site	Not given	Multi Track
On site	Not given	Multi Track
On site	Not given	Multi Track
On site	Not given	Multi Track
On site	Not given	Multi Track Multi Track
22m S	Not given	Multi Track
22m S 43m SE	Not given	Multi Track Multi Track
22m S 43m SE 44m SE	Not given  Not given	Multi Track  Multi Track  Multi Track
22m S 43m SE 44m SE 49m S	Not given  Not given  Not given	Multi Track  Multi Track  Multi Track  Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.





**Your ref**: GNRSP **Grid ref**: 478743 360663

#### 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.





Your ref: GNRSP Grid ref: 478743 360663

# **Data providers**

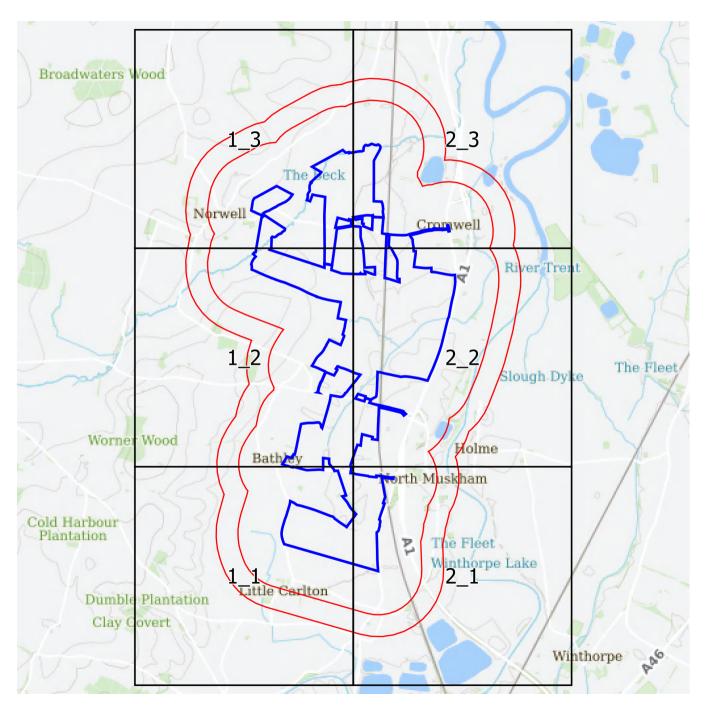
Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <a href="https://www.groundsure.com/sources-reference">https://www.groundsure.com/sources-reference</a>.

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Date: 24 October 2024



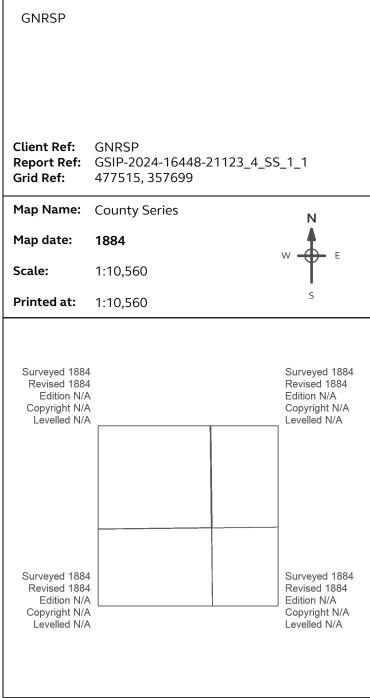


**Small Scale Grid Index** 







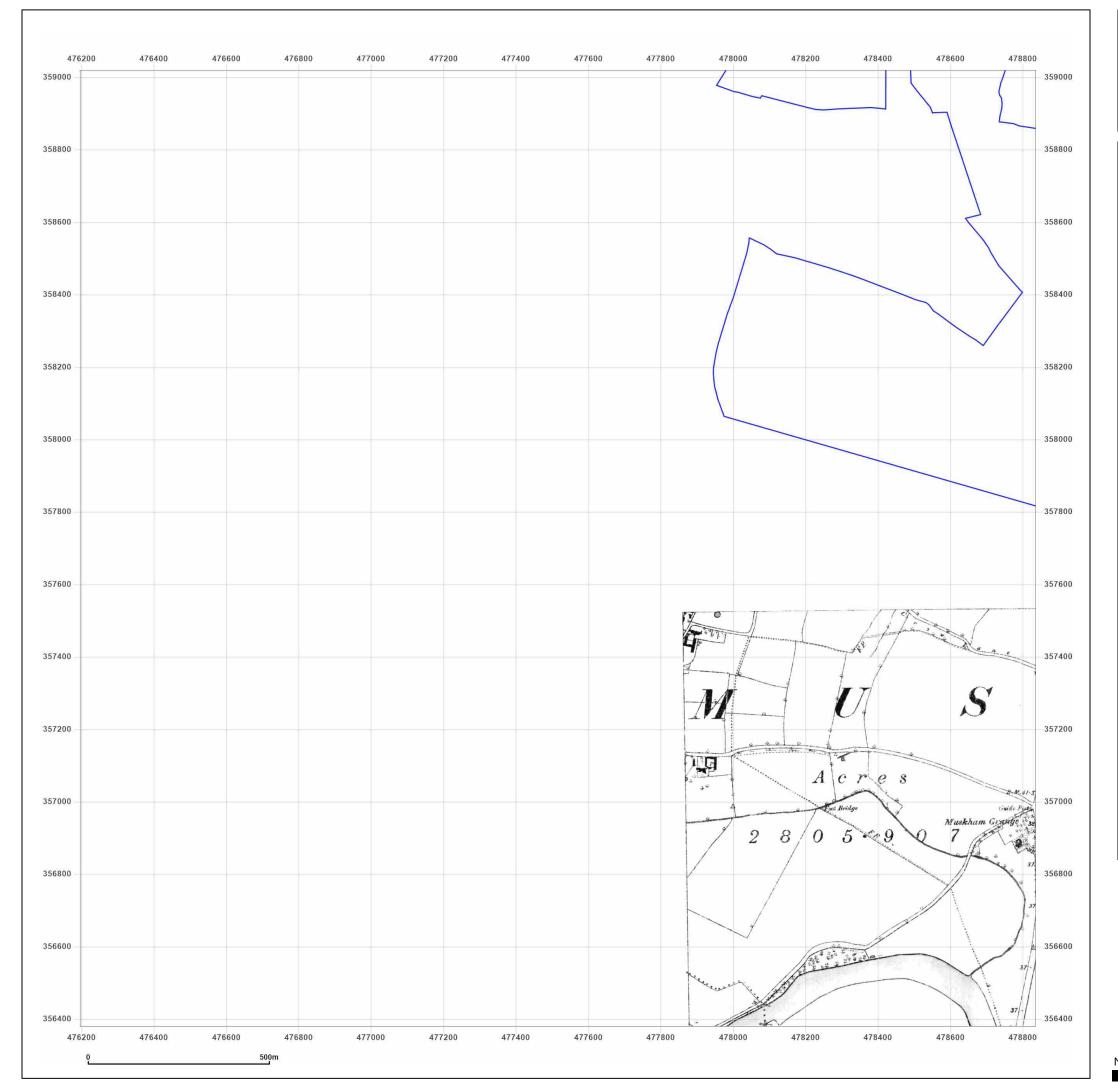




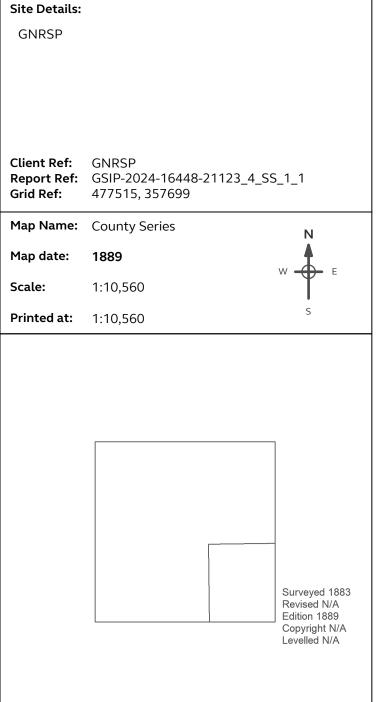
Produced by
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E: info@groundsure.com
W

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Production date: 25 October 2024



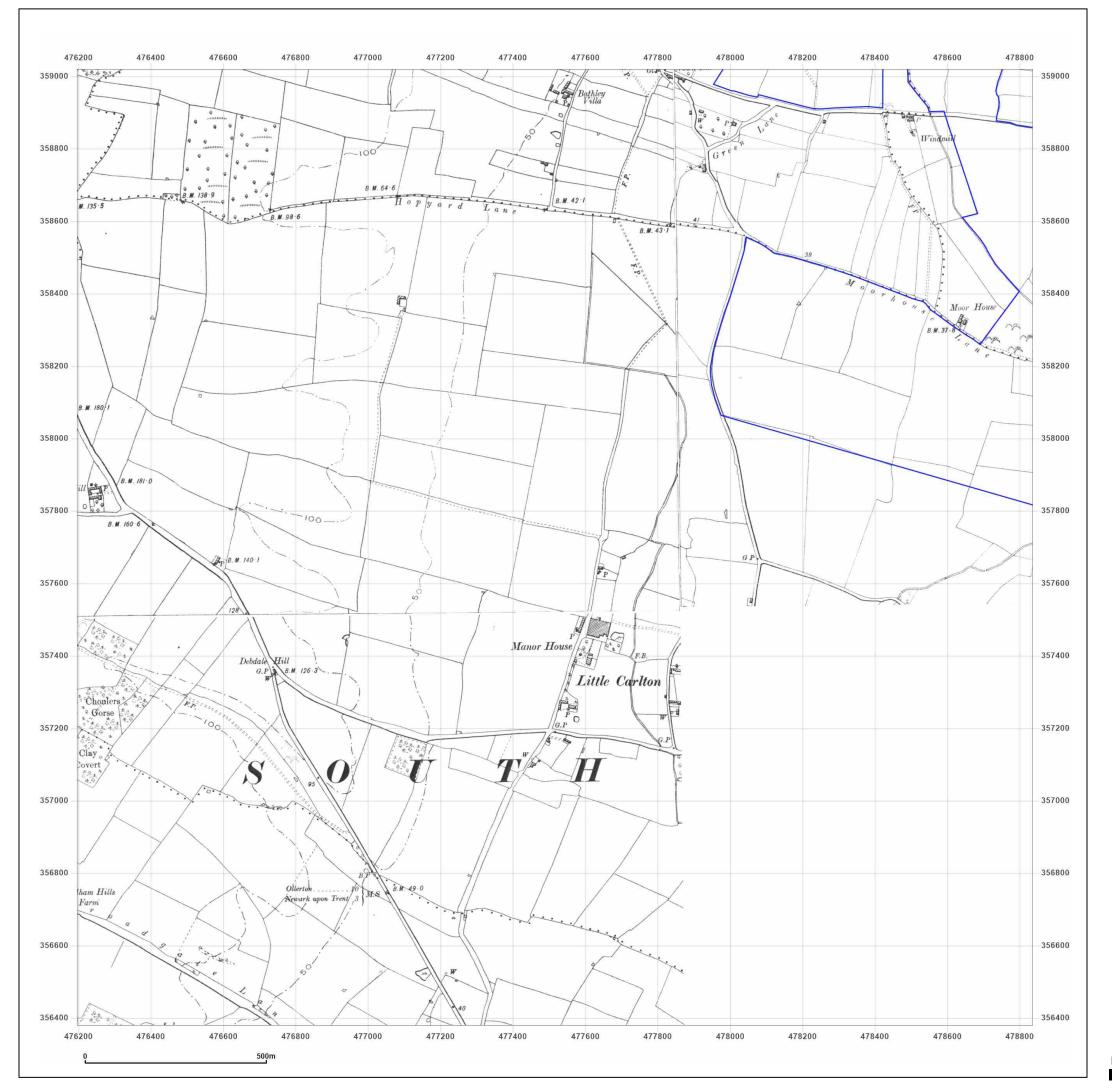






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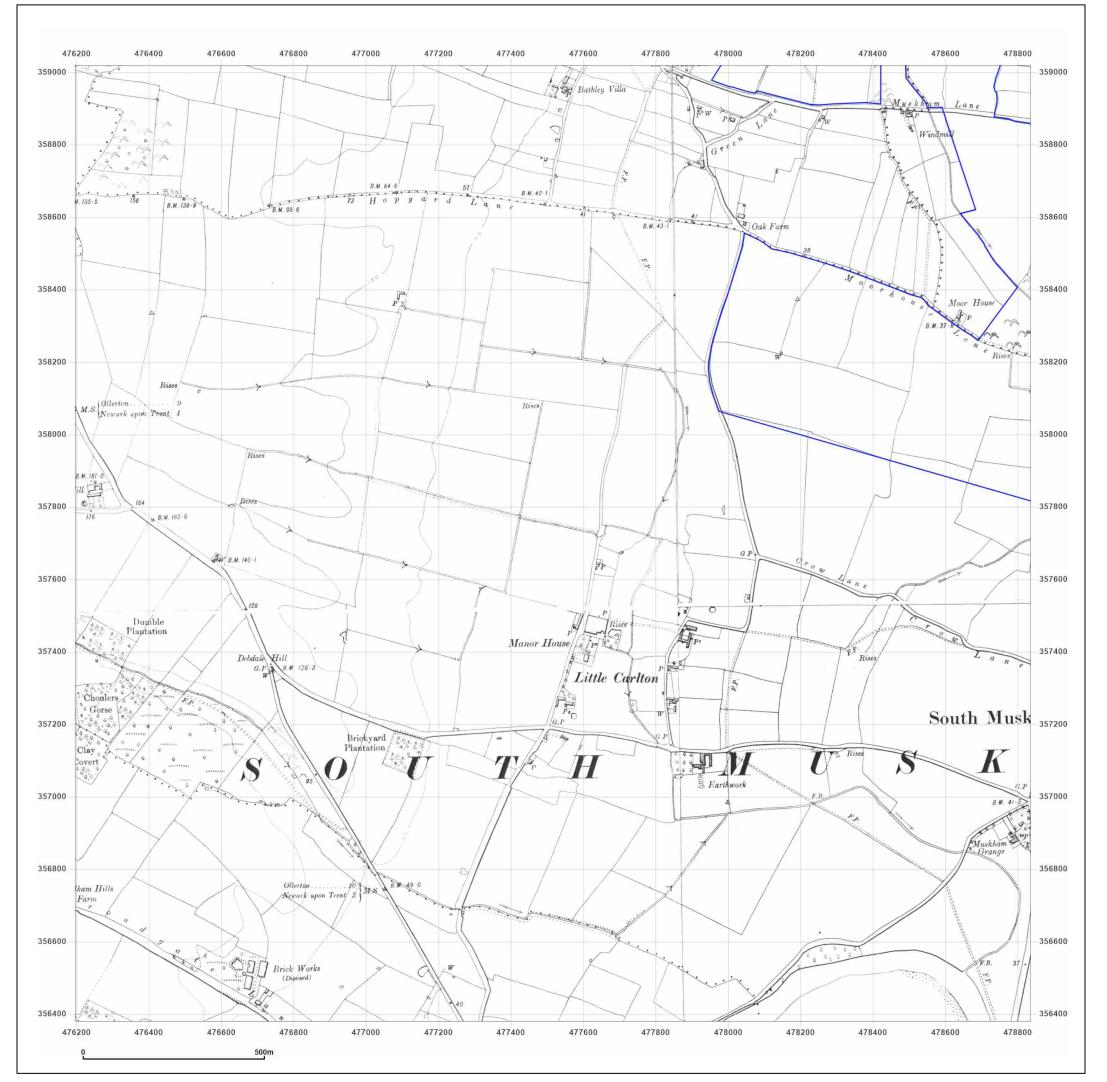


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Map date:	1899	W E
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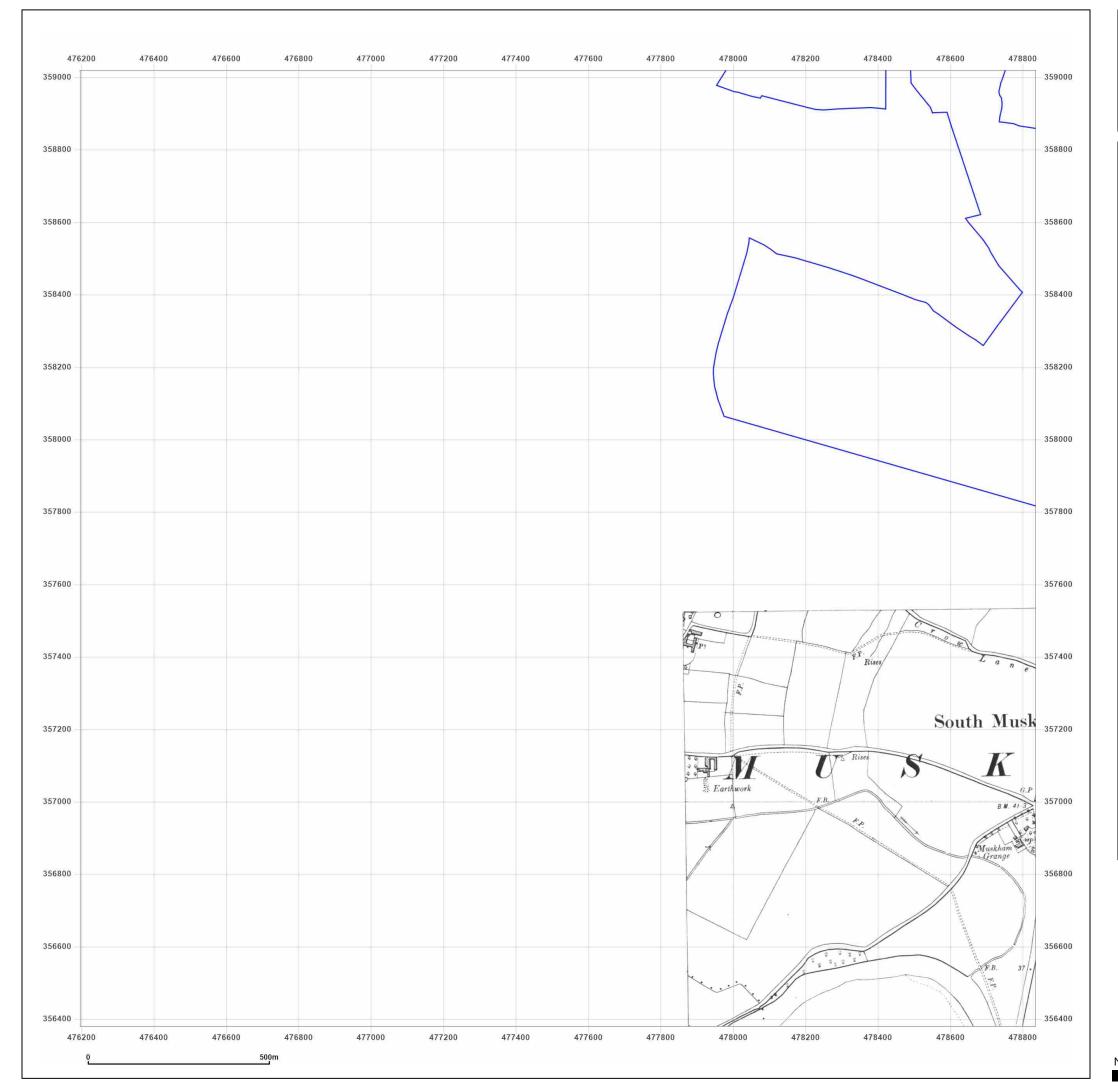
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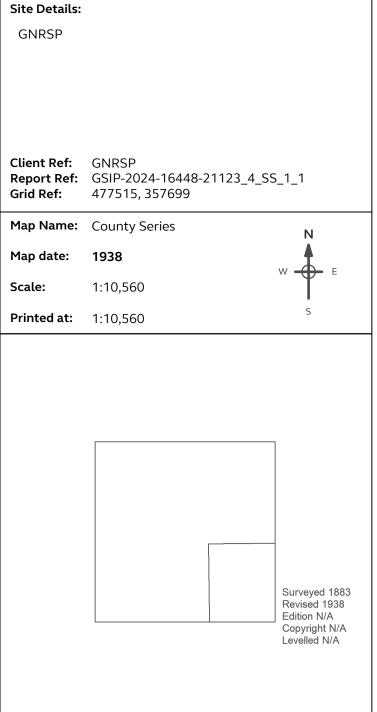
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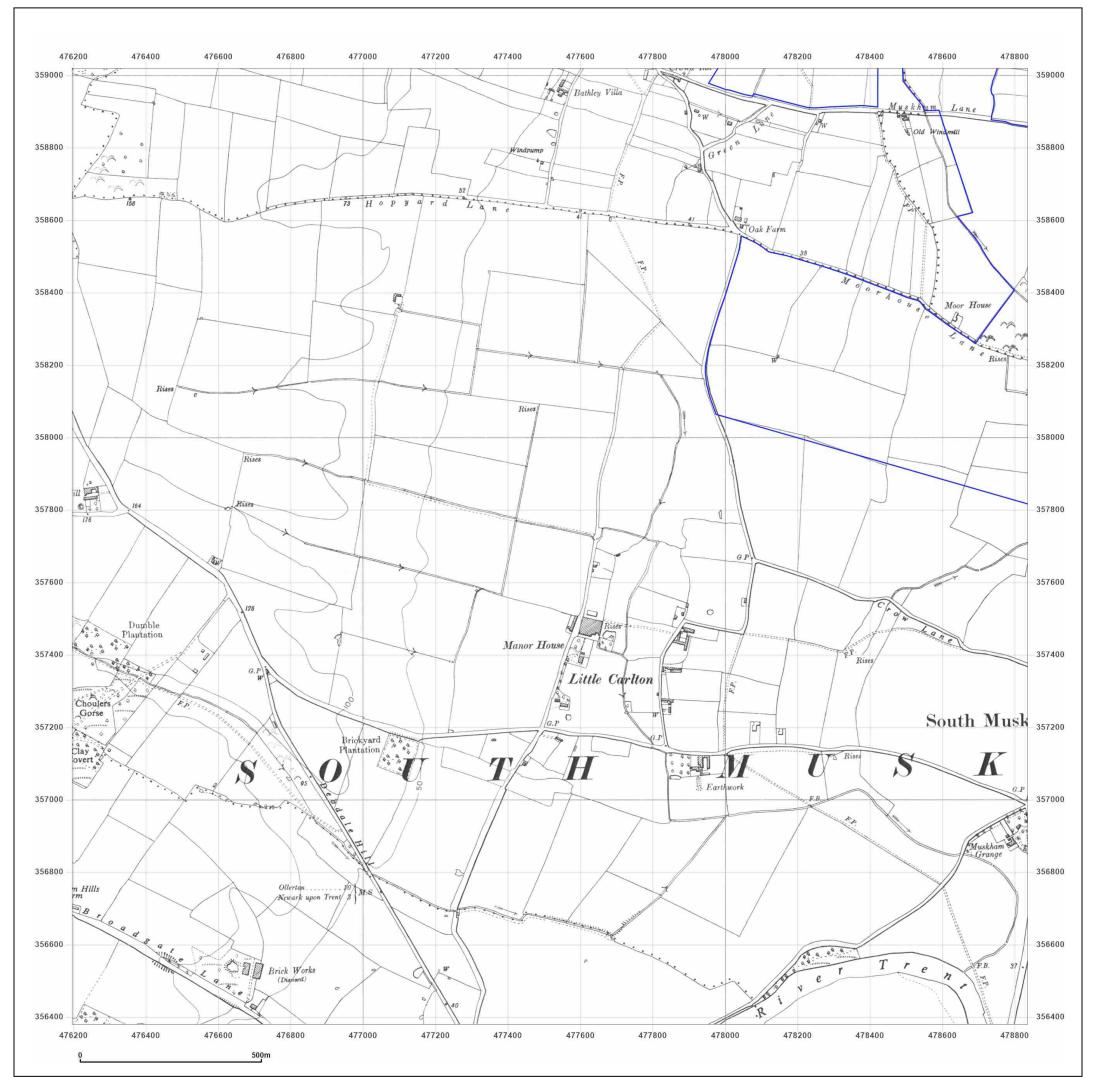




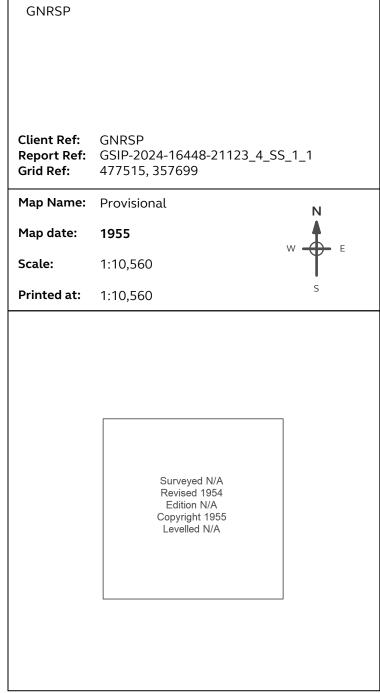


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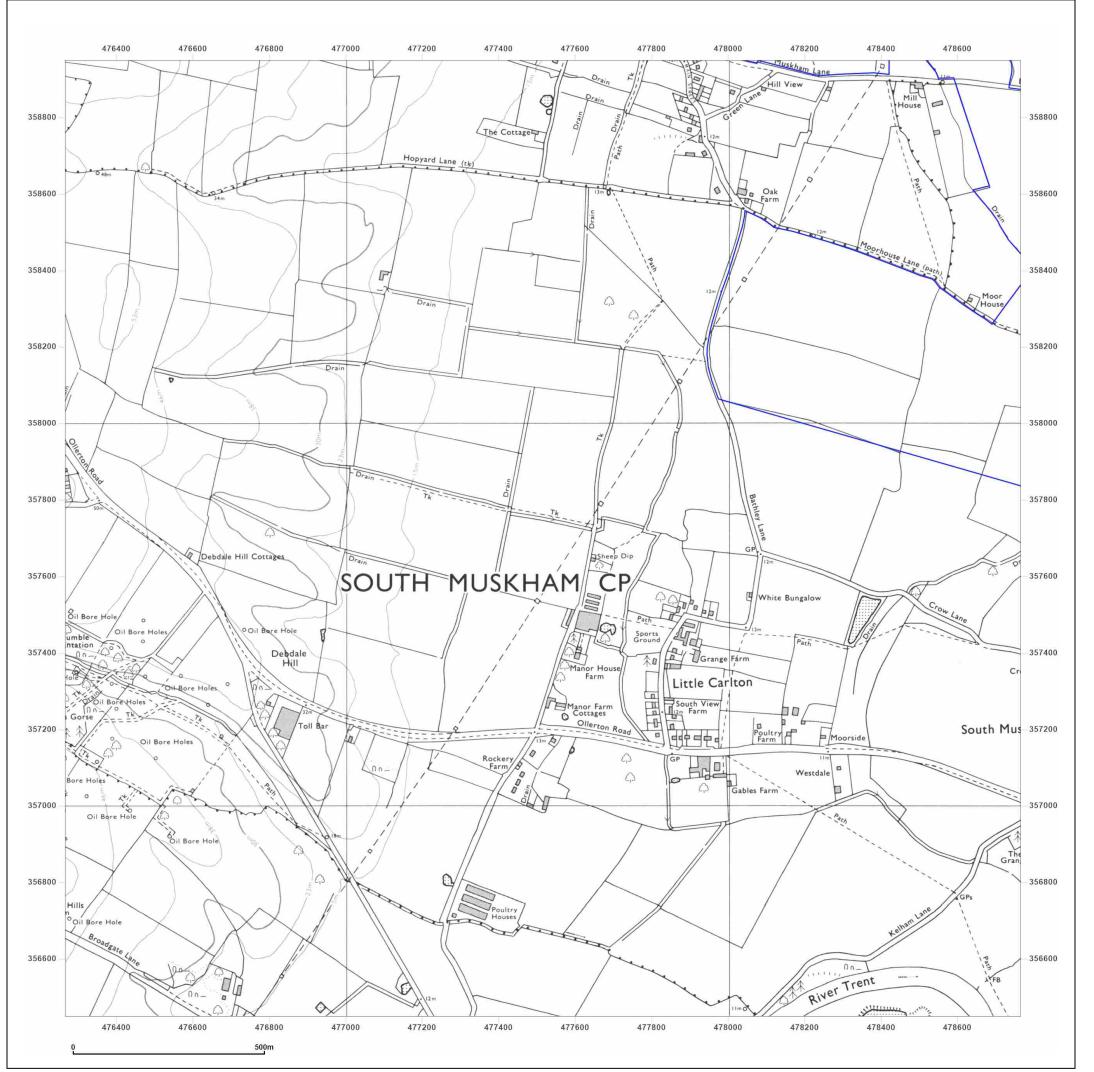




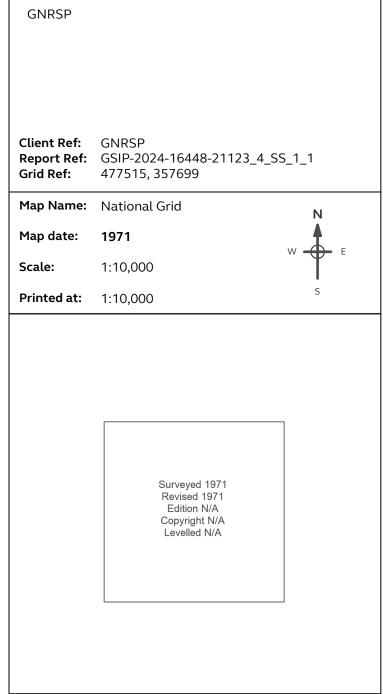
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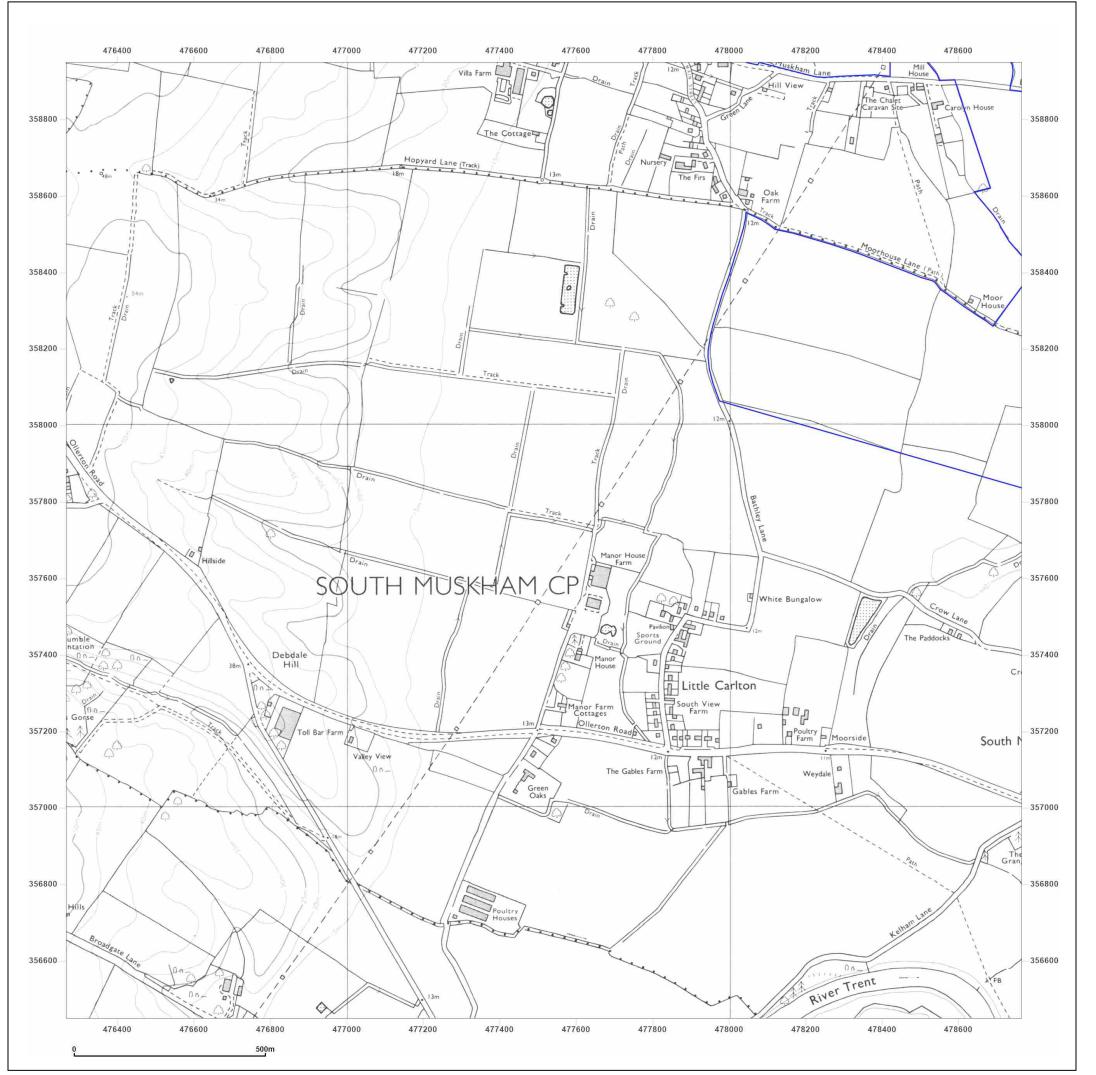




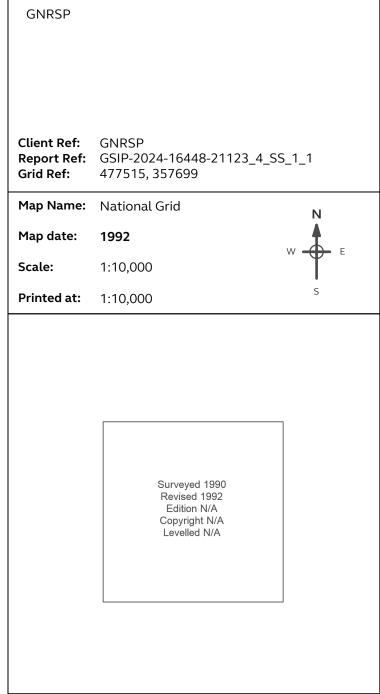
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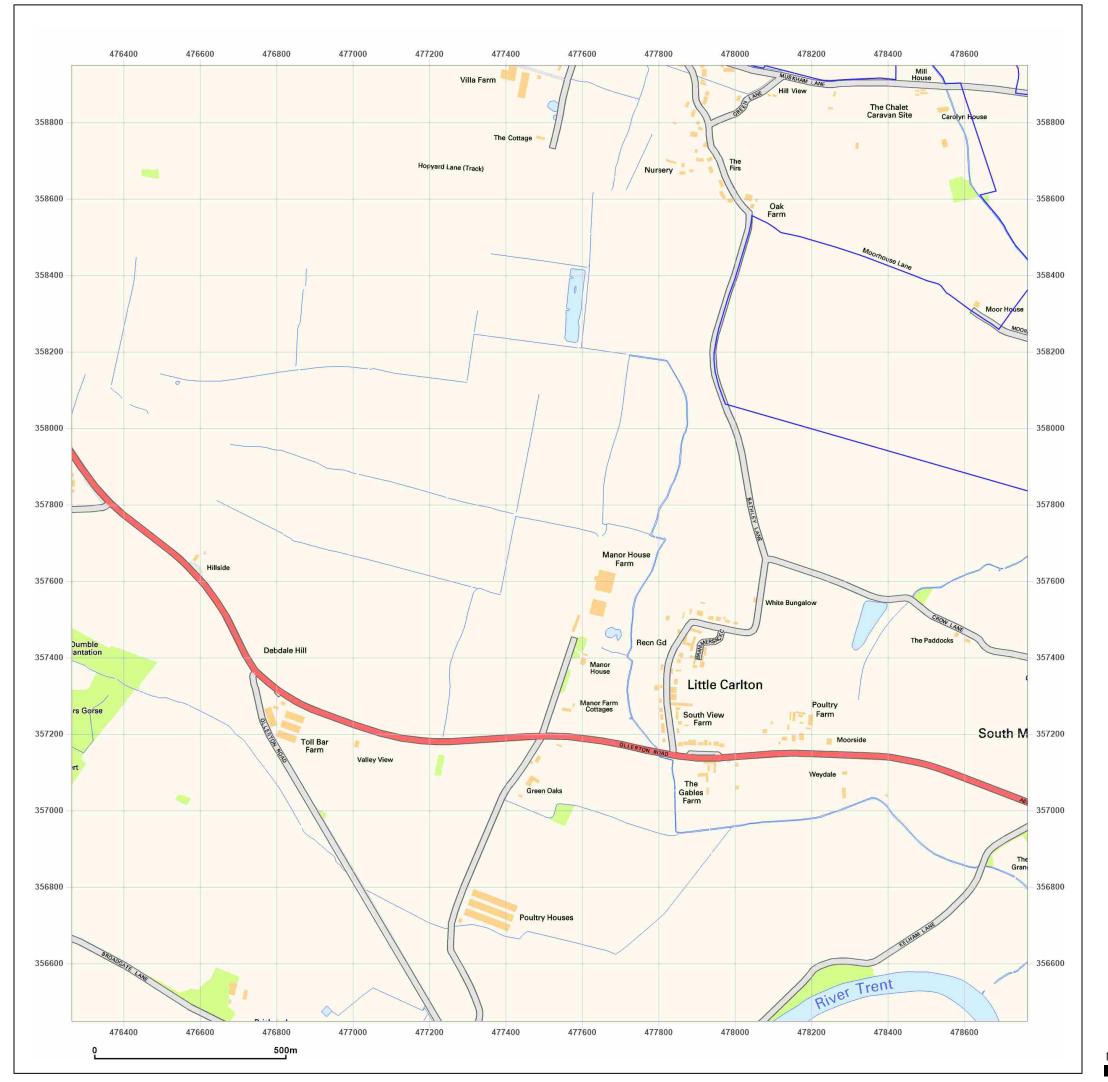




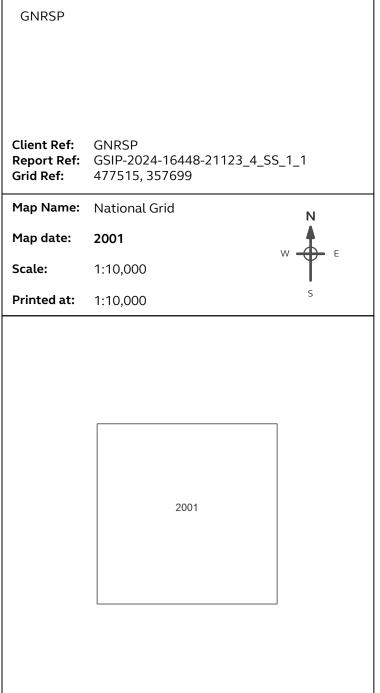
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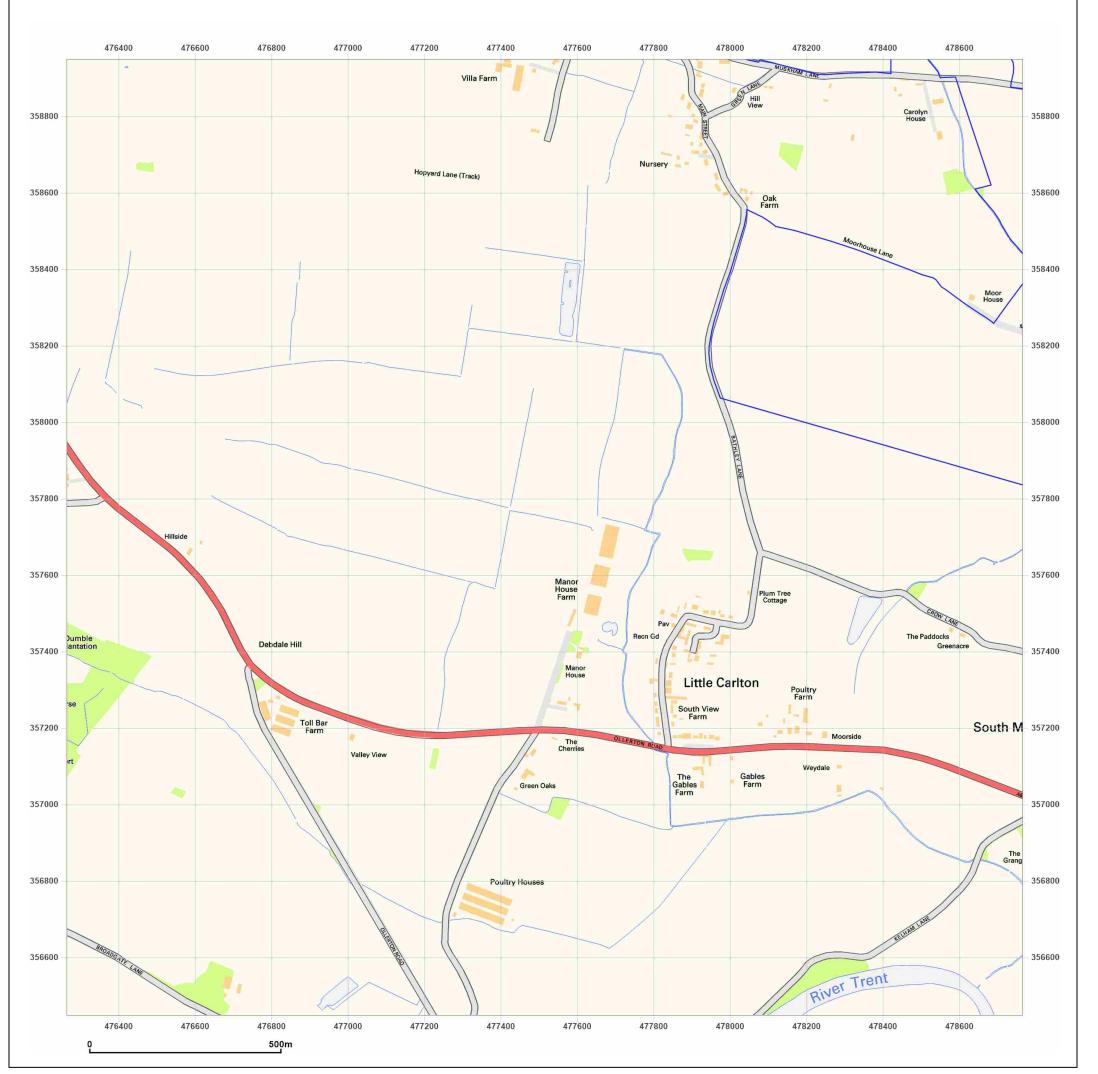




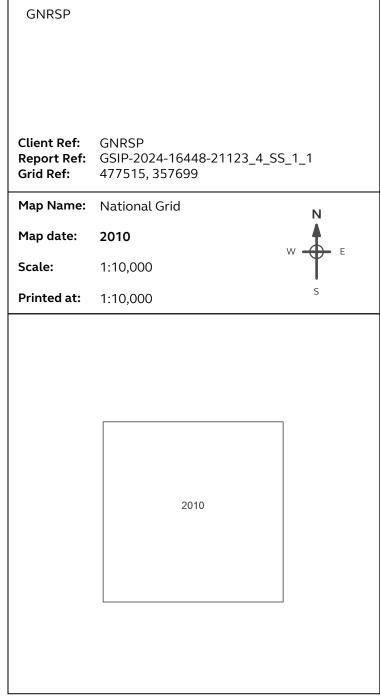
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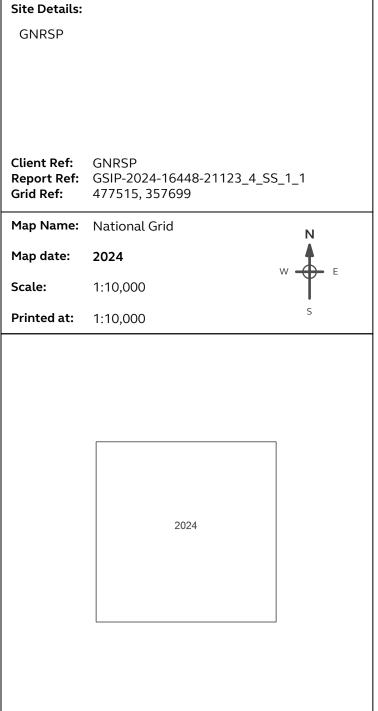
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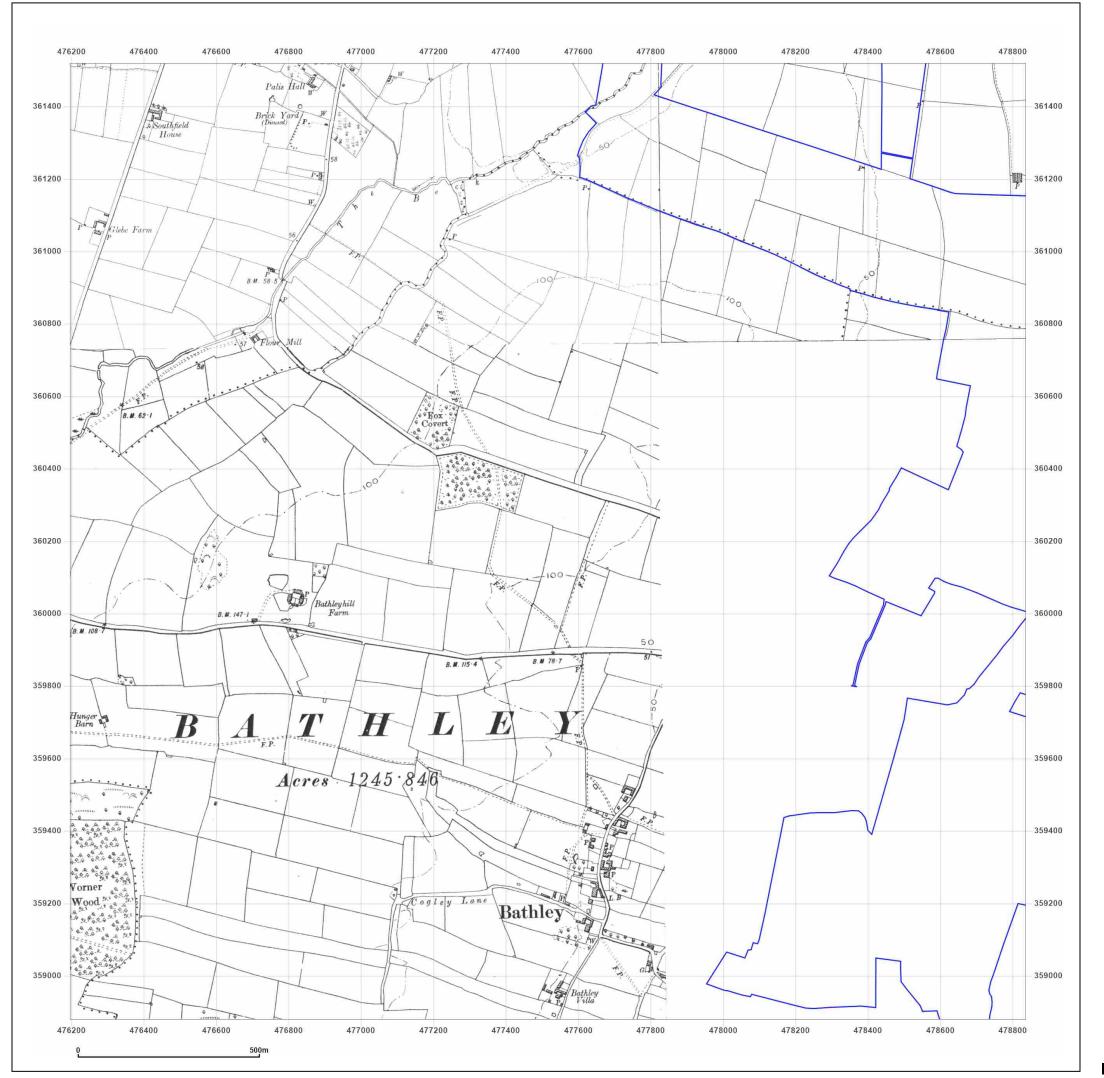


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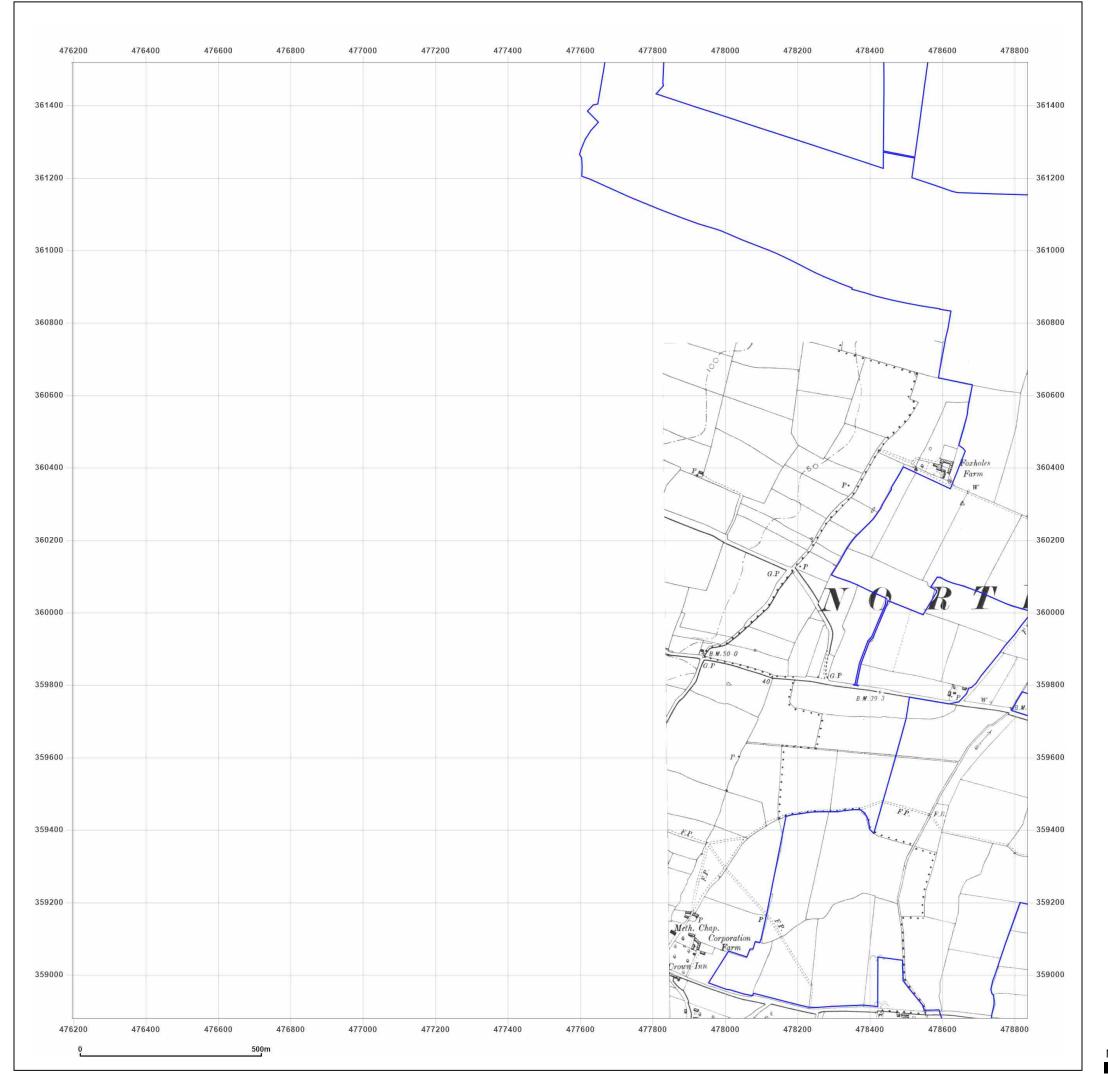


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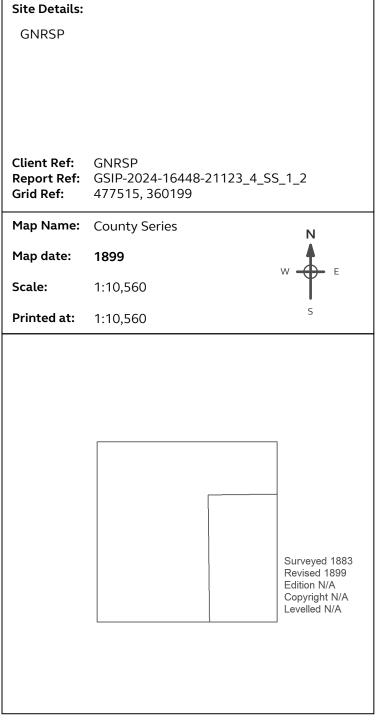


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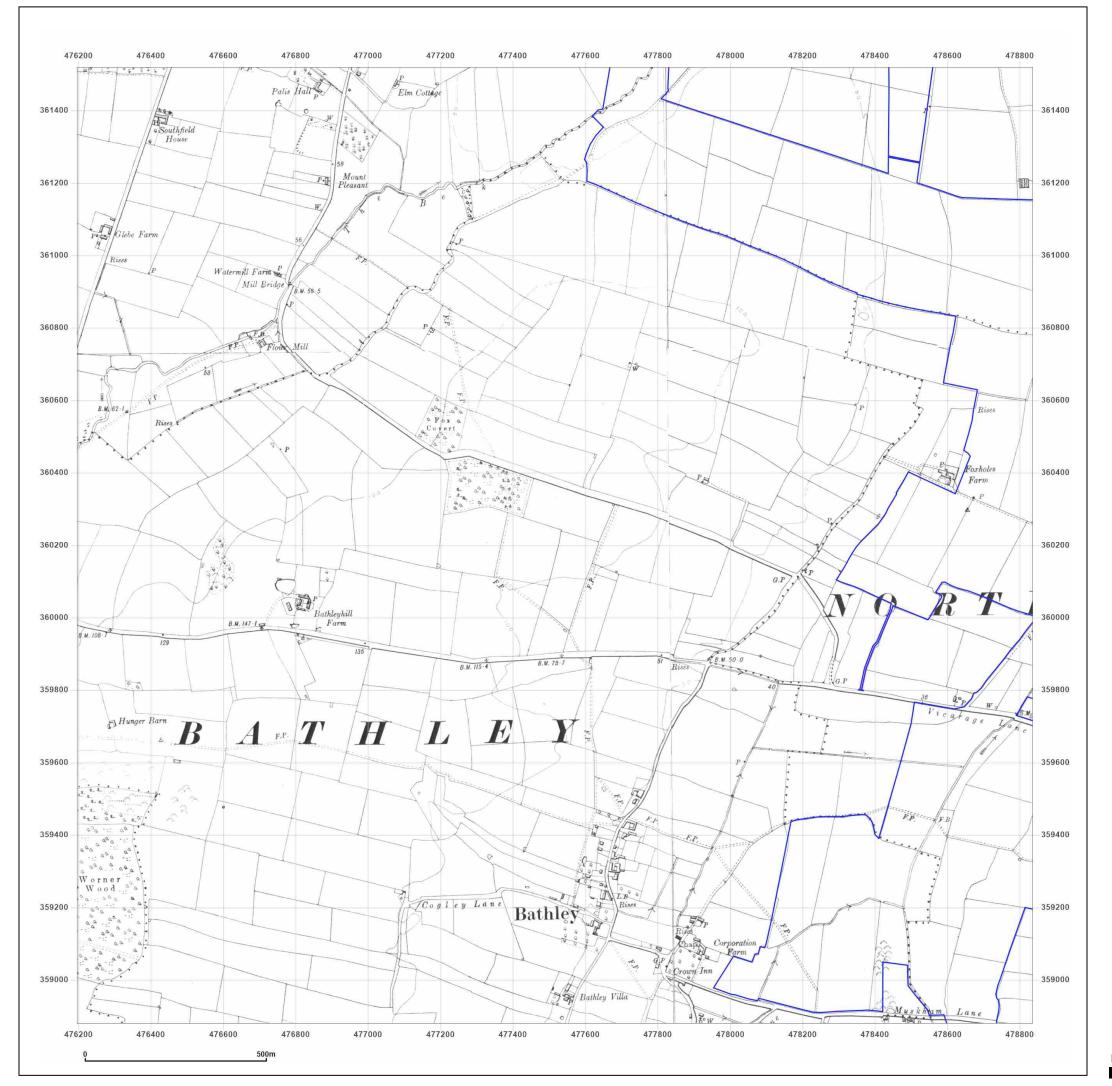






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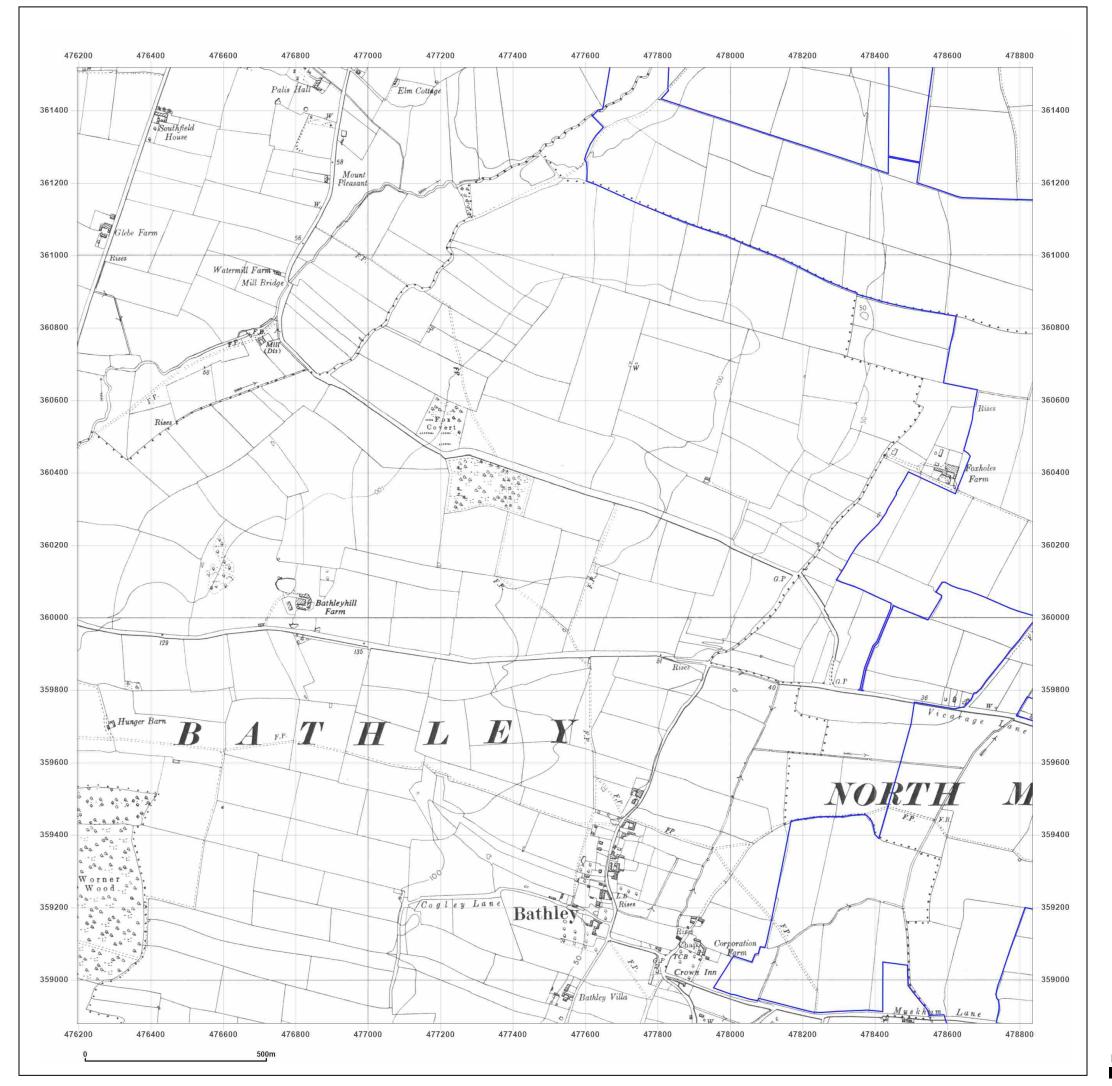


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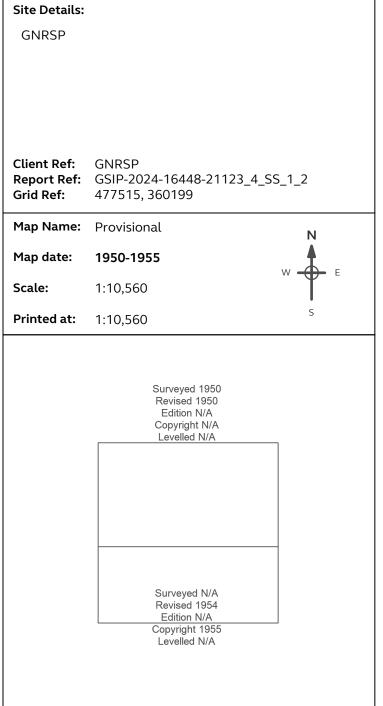


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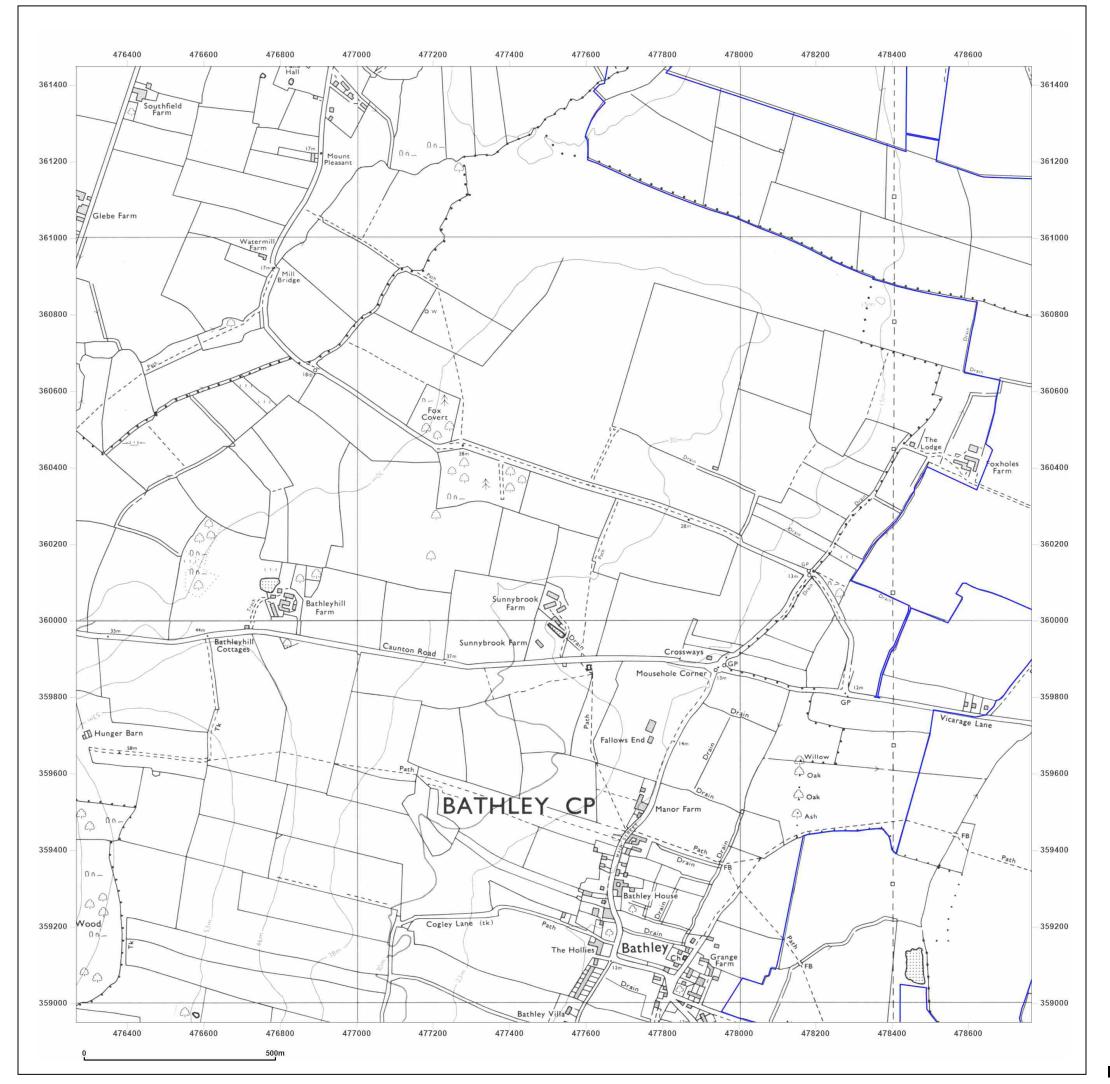




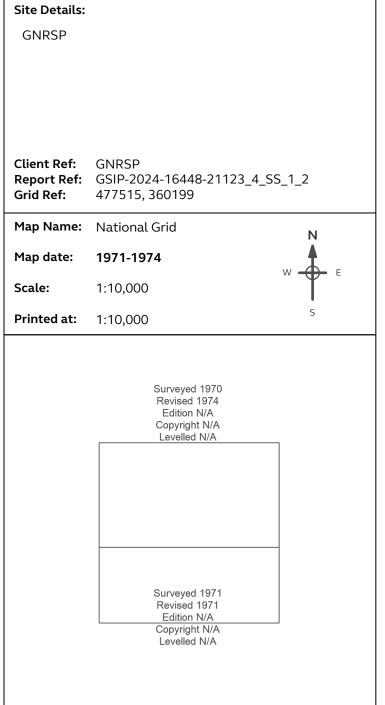


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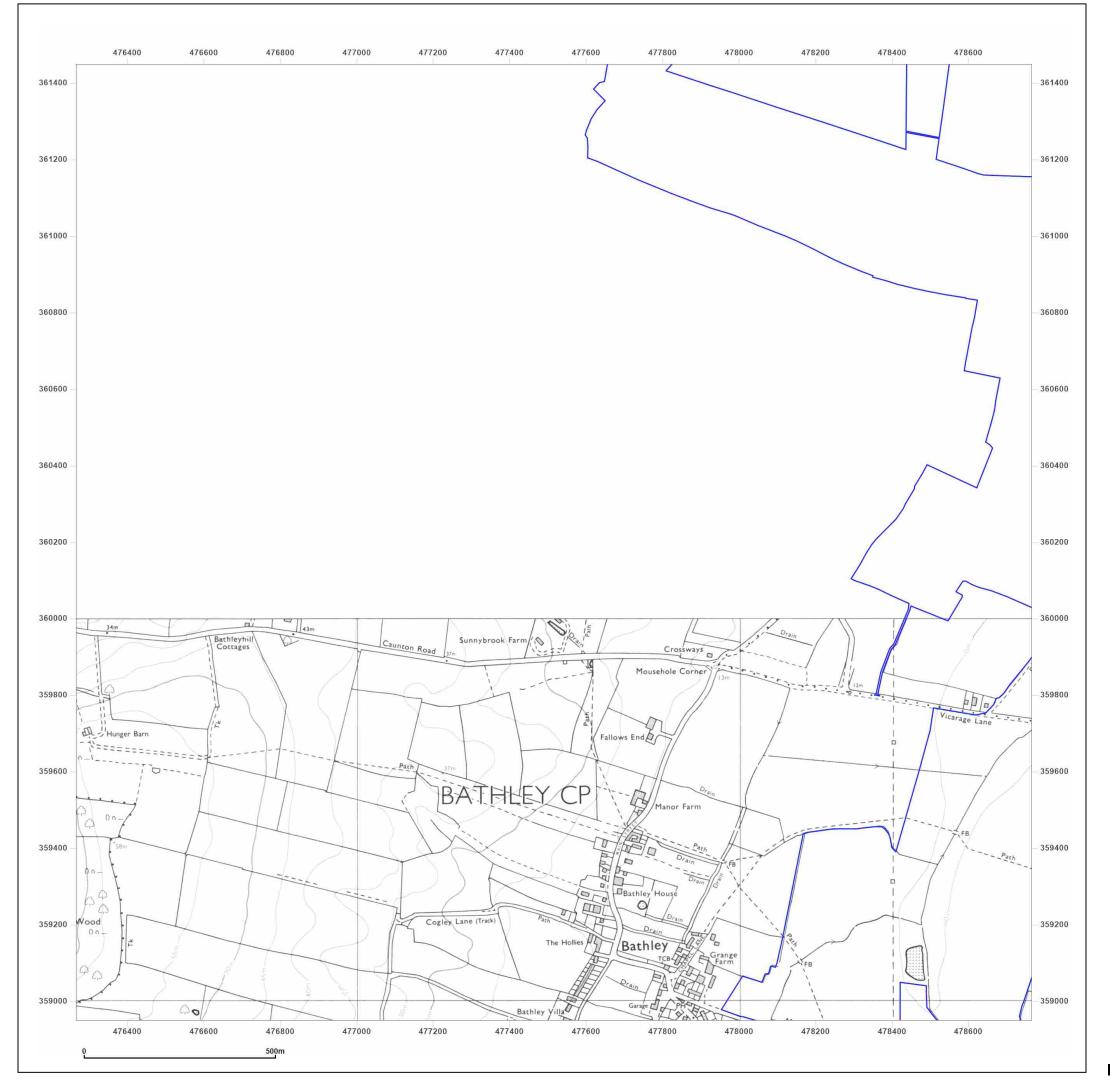




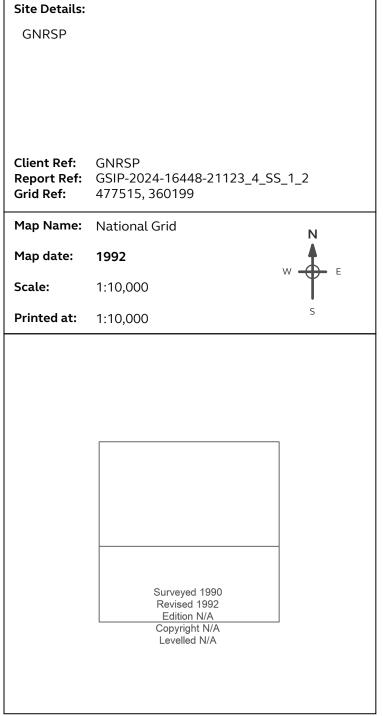


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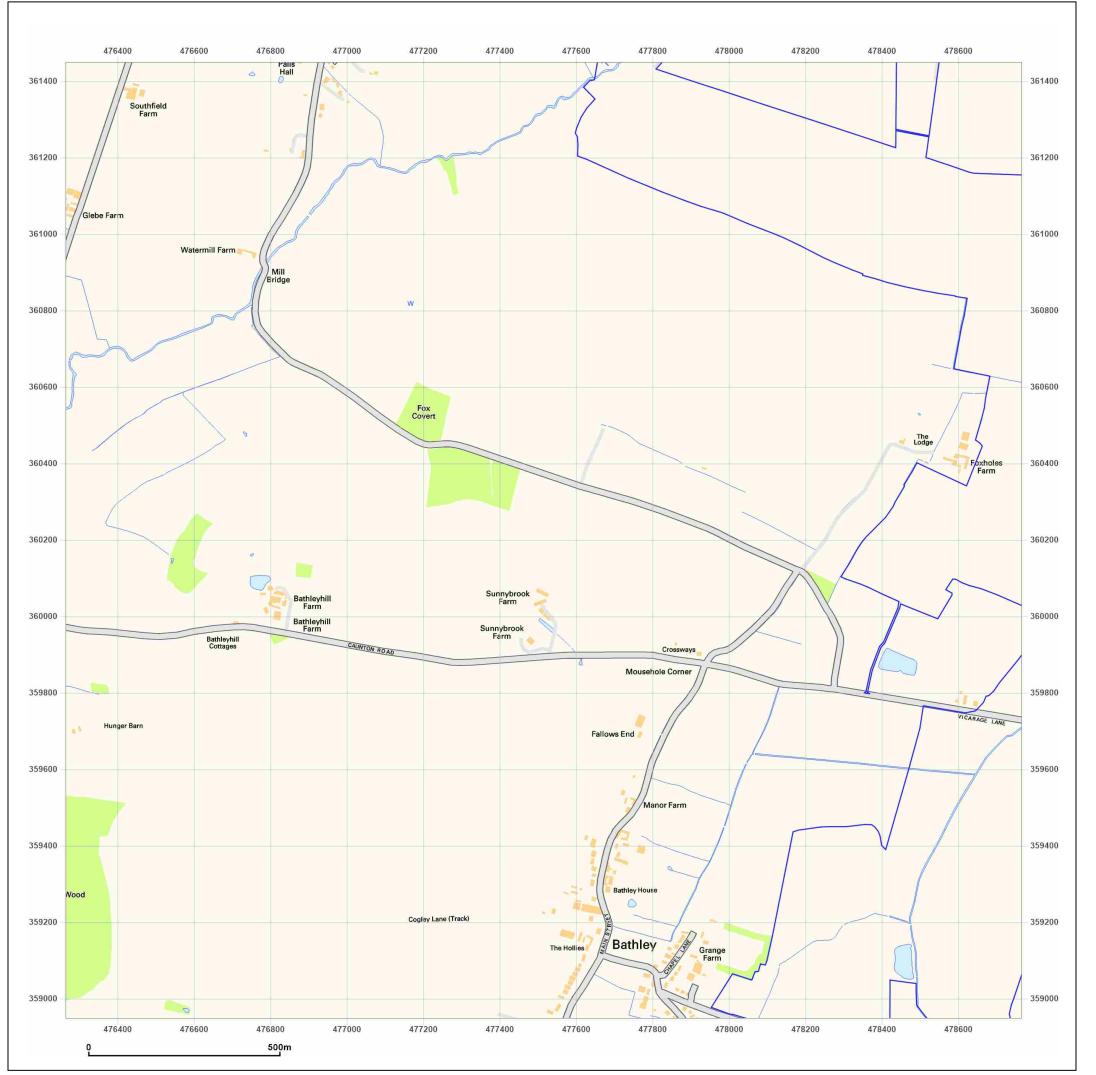




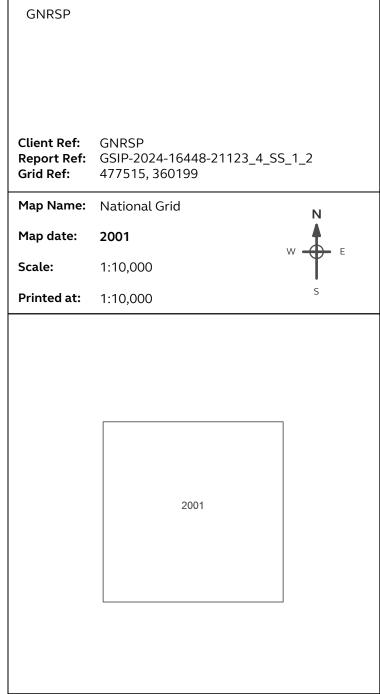


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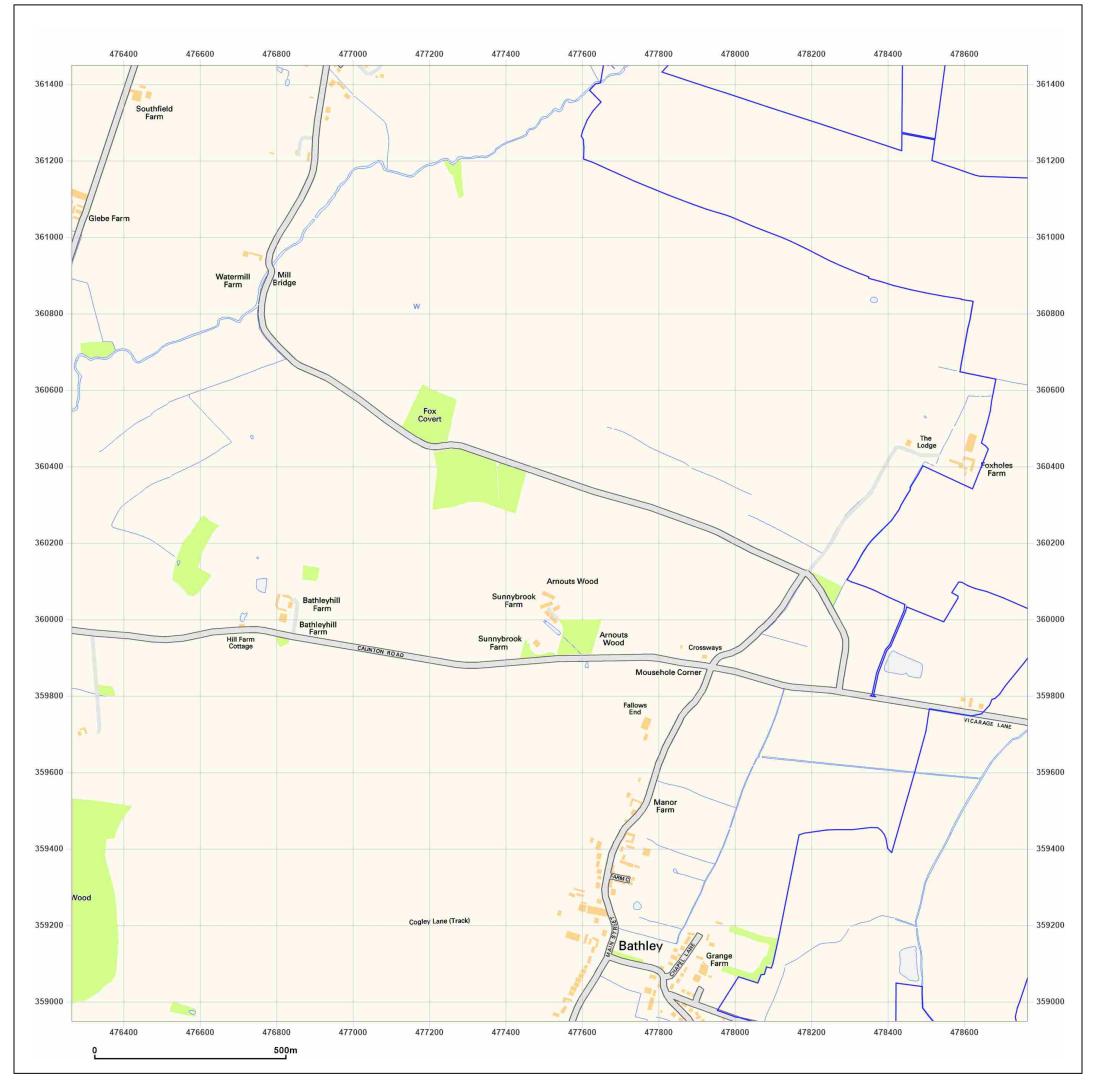




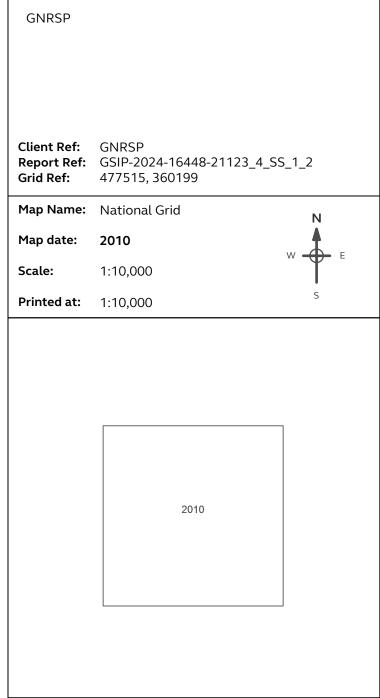
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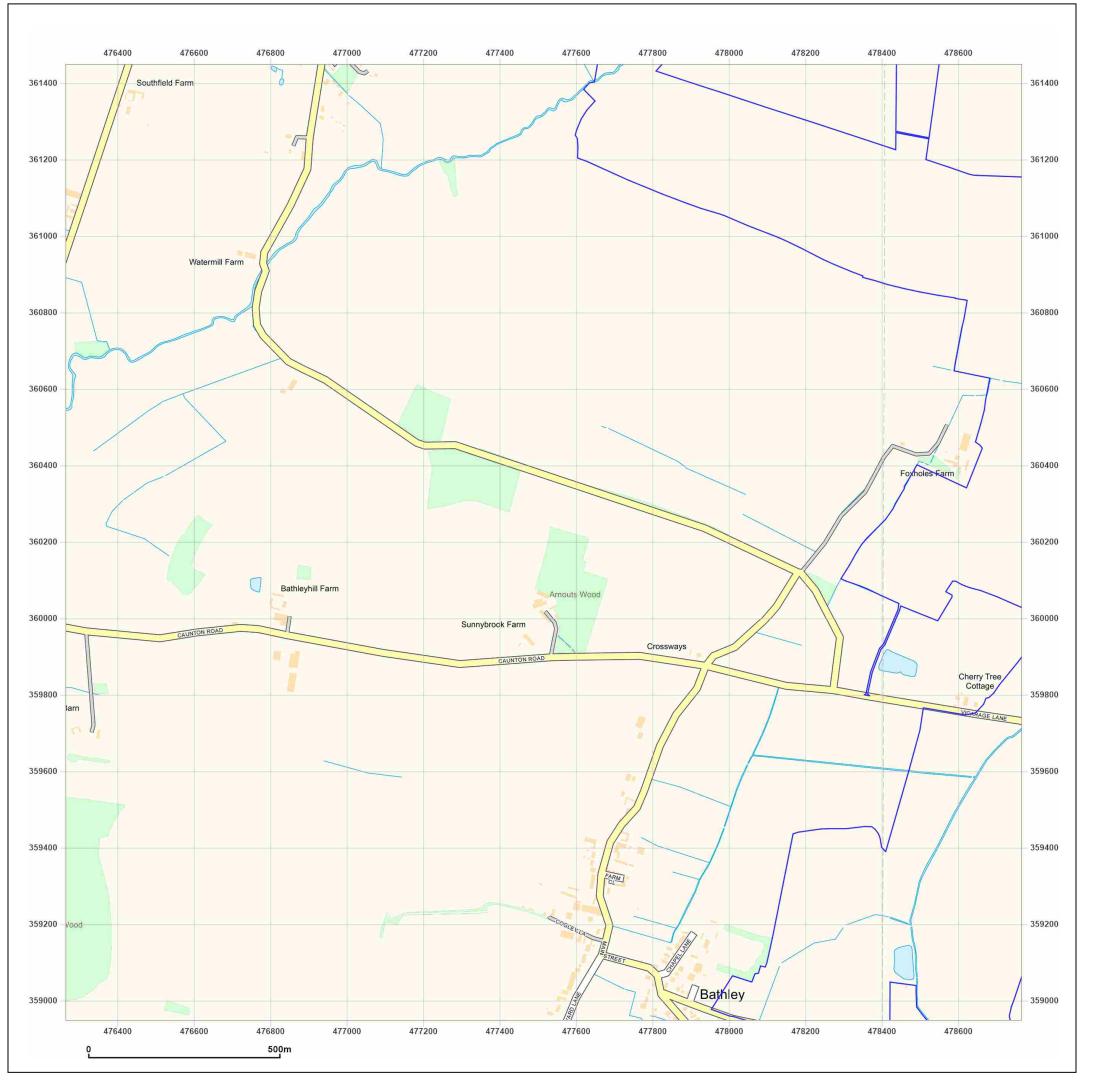




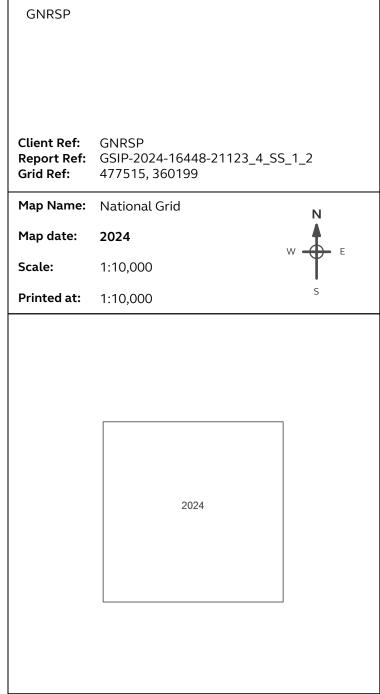
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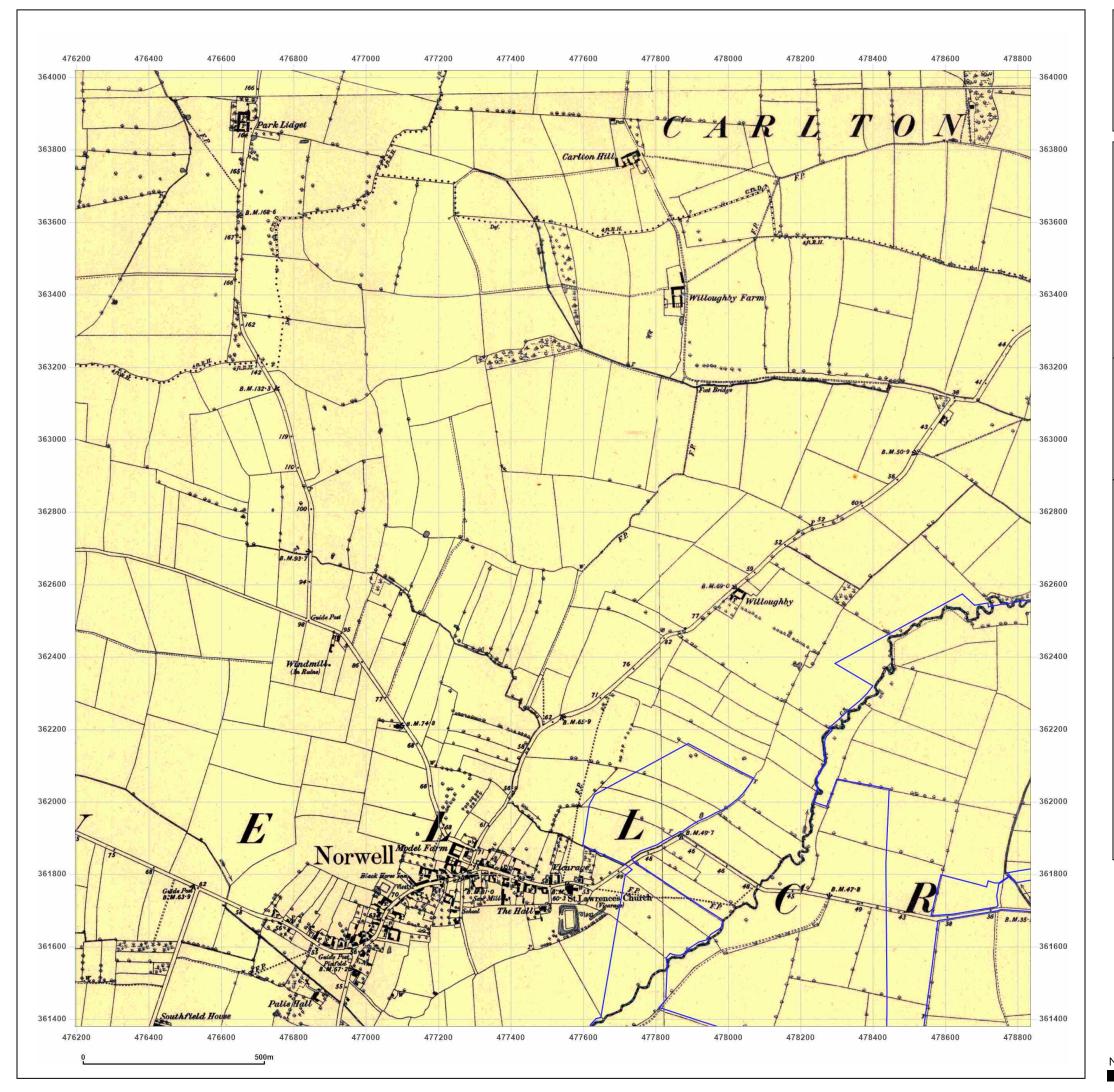




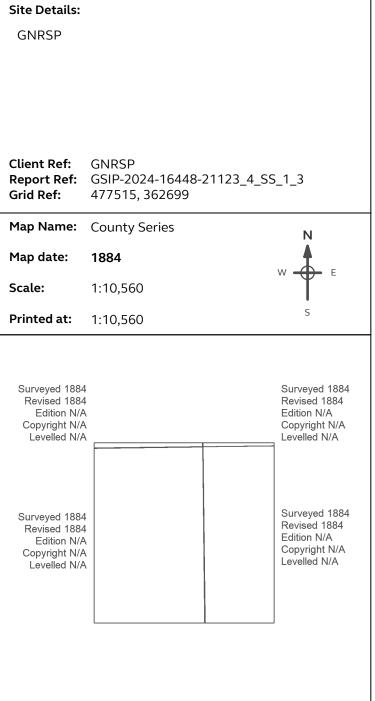
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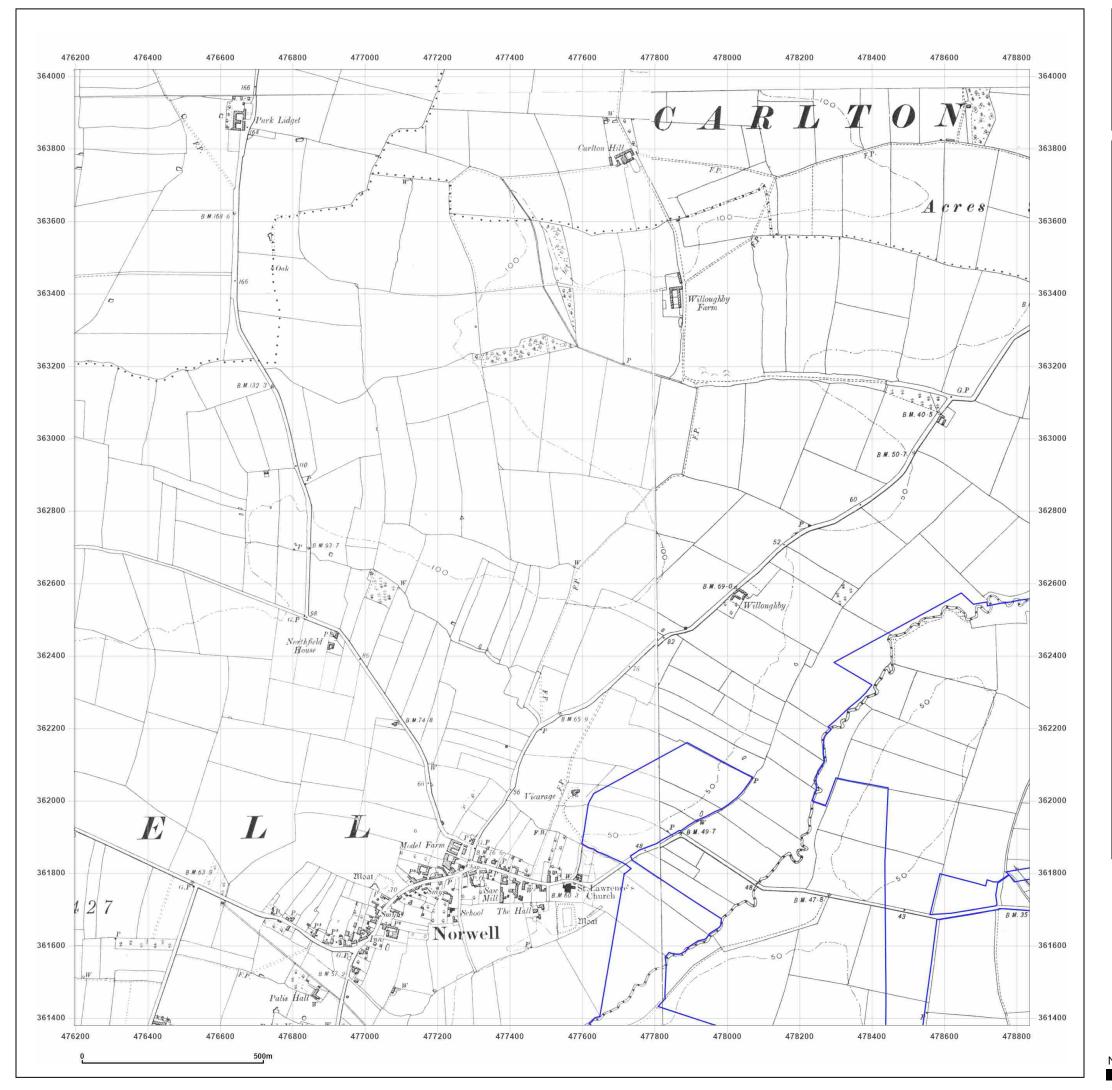




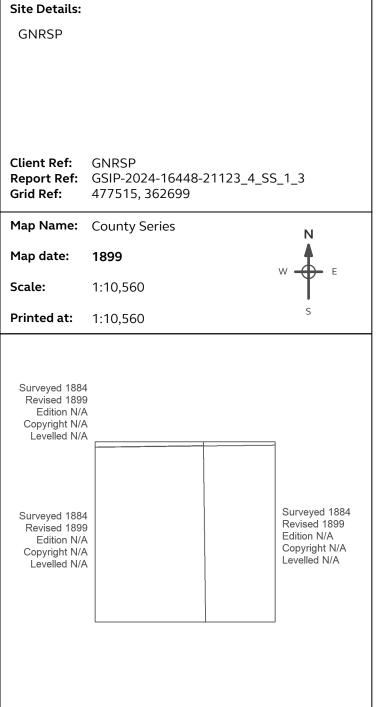


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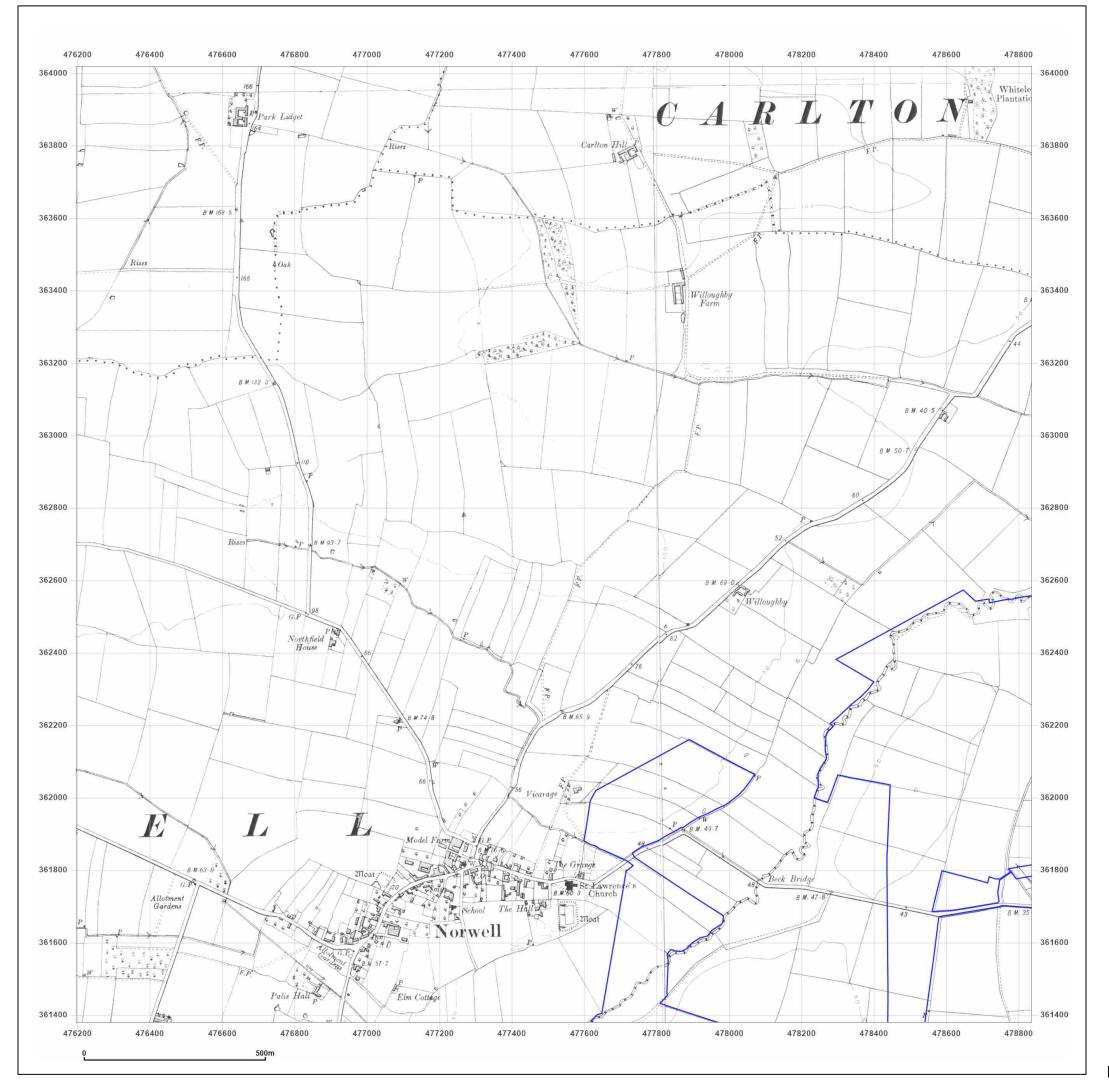




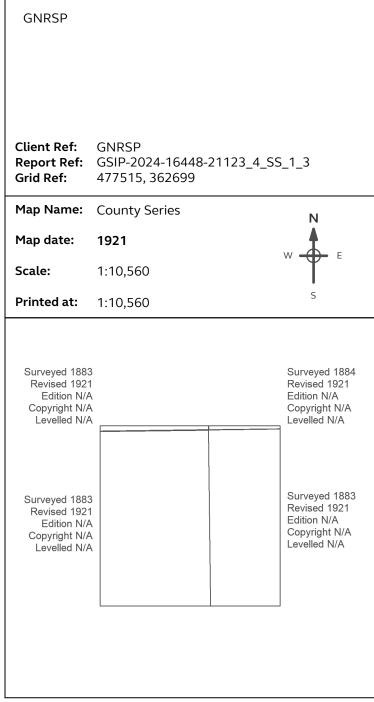


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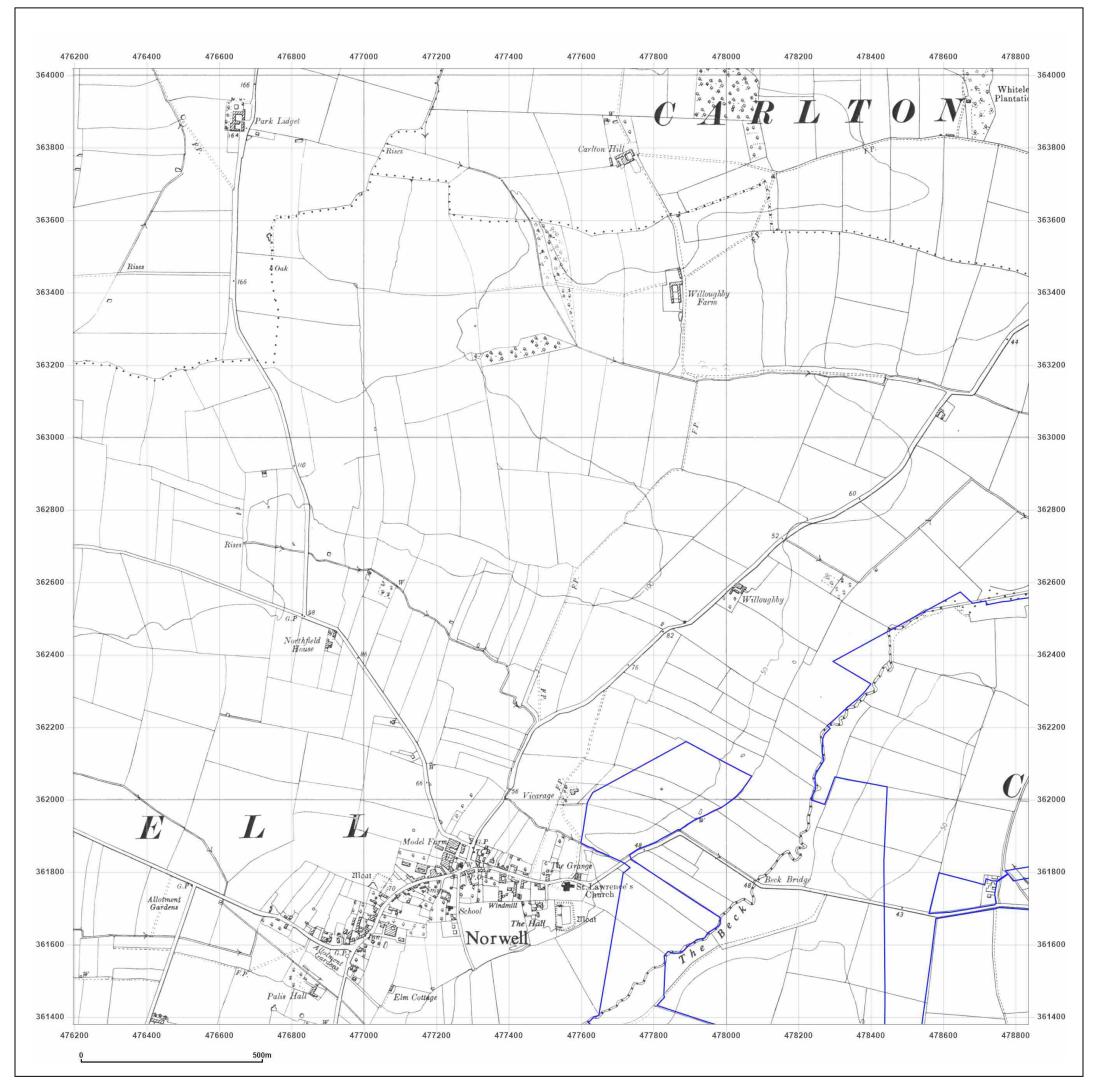




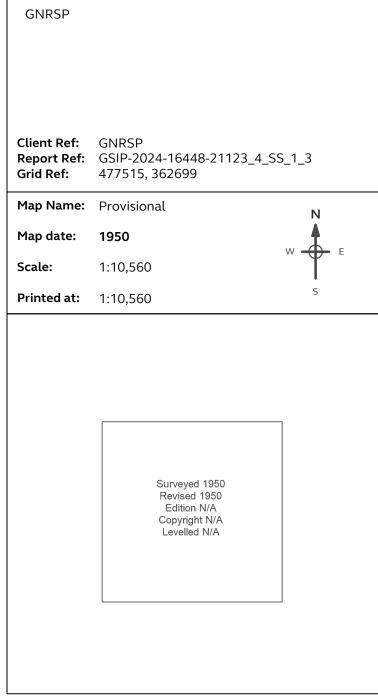
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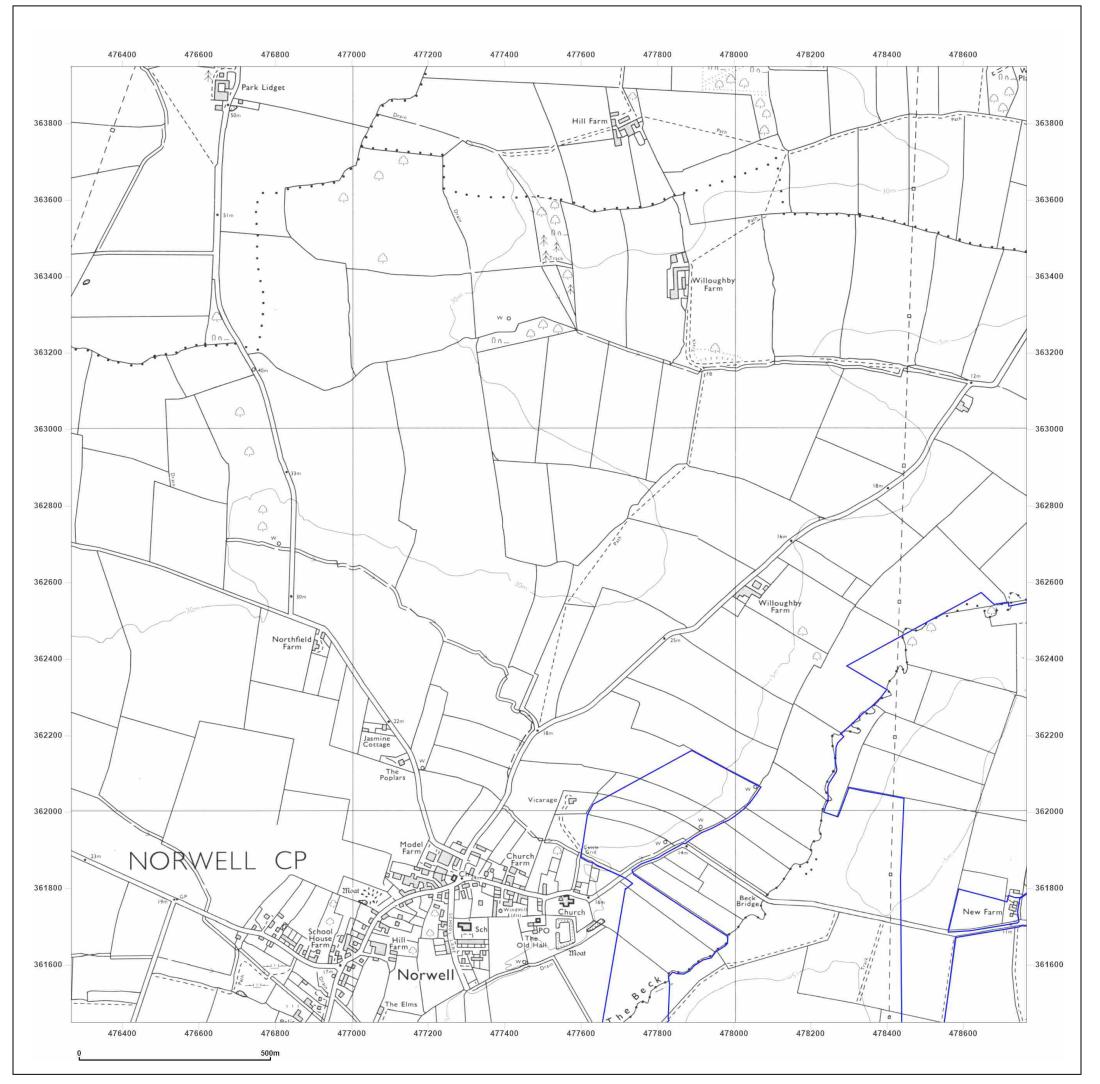




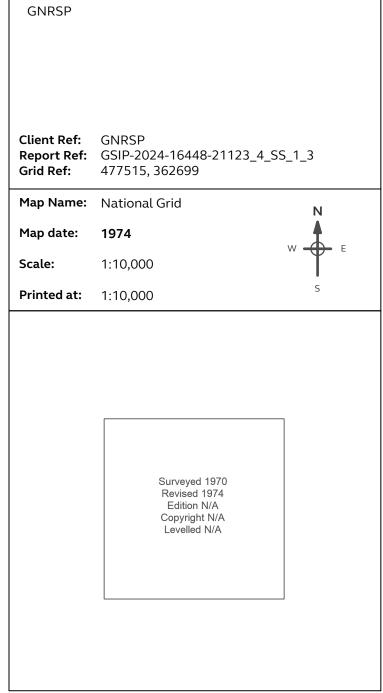
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