

February 2023

London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 5 Environmental Statement and Related Documents
5.02 Appendix 17.1 Preliminary Risk Assessment of Land
Contamination - Part D

Application Document Ref: TR020001/APP/5.02

APFP Regulation: 5(2)(a)



The Planning Act 2008

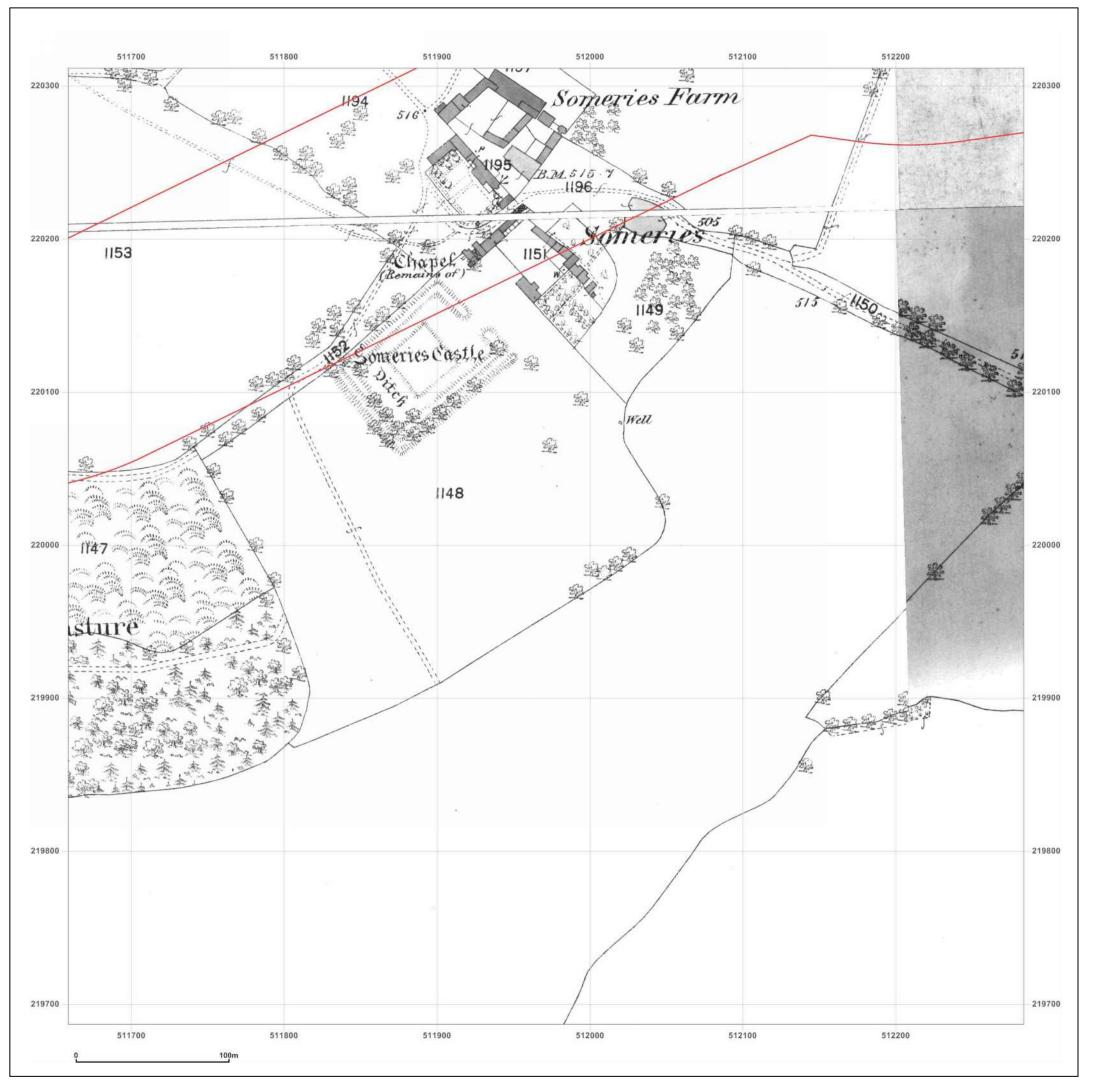
The Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009

London Luton Airport Expansion Development Consent Order 202x

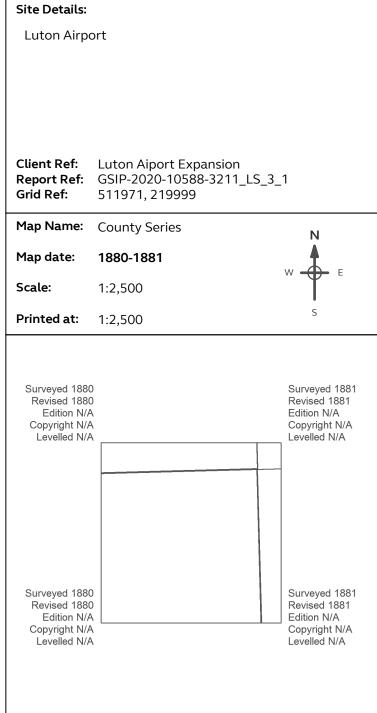
5.02 ENVIRONMENTAL STATEMENT APPENDIX 17.1 PRELIMINARY RISK ASSESSMENT OF LAND CONTAMINATION PART D

Regulation number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference:	TR020001
Document Reference:	TR020001/APP/5.02
Author:	Luton Rising

Version	Date	Status of Version
Issue 01	February 2023	Application issue



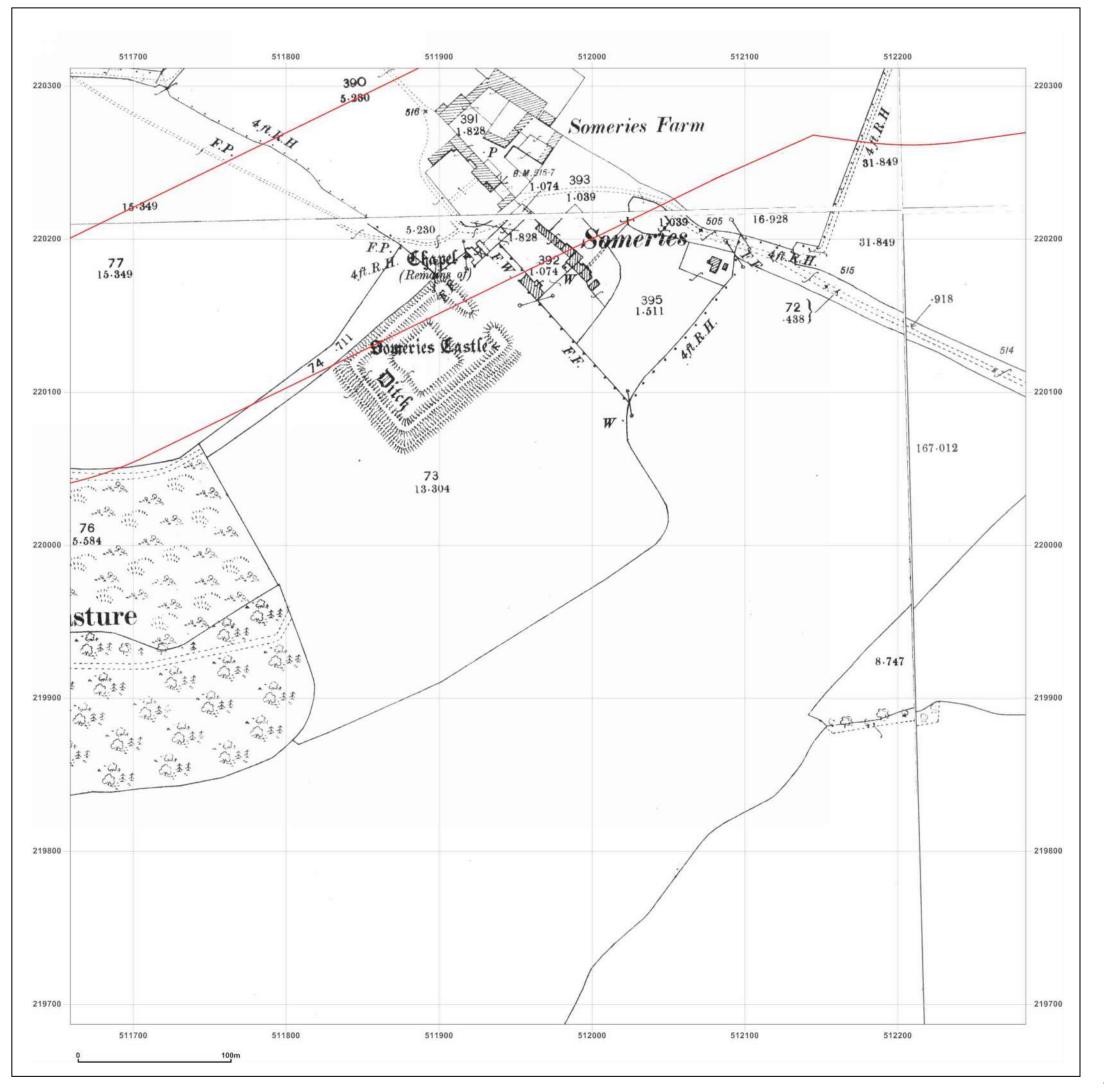




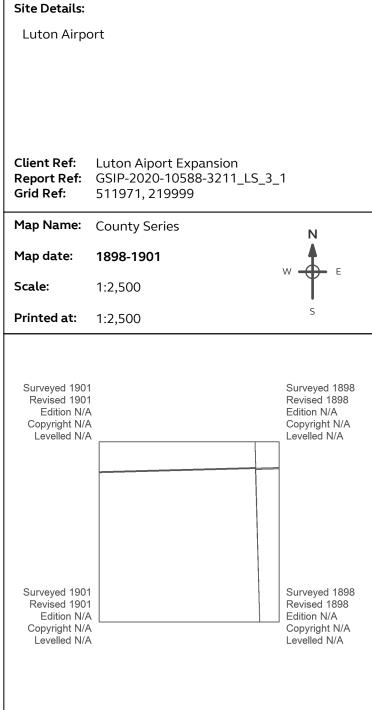


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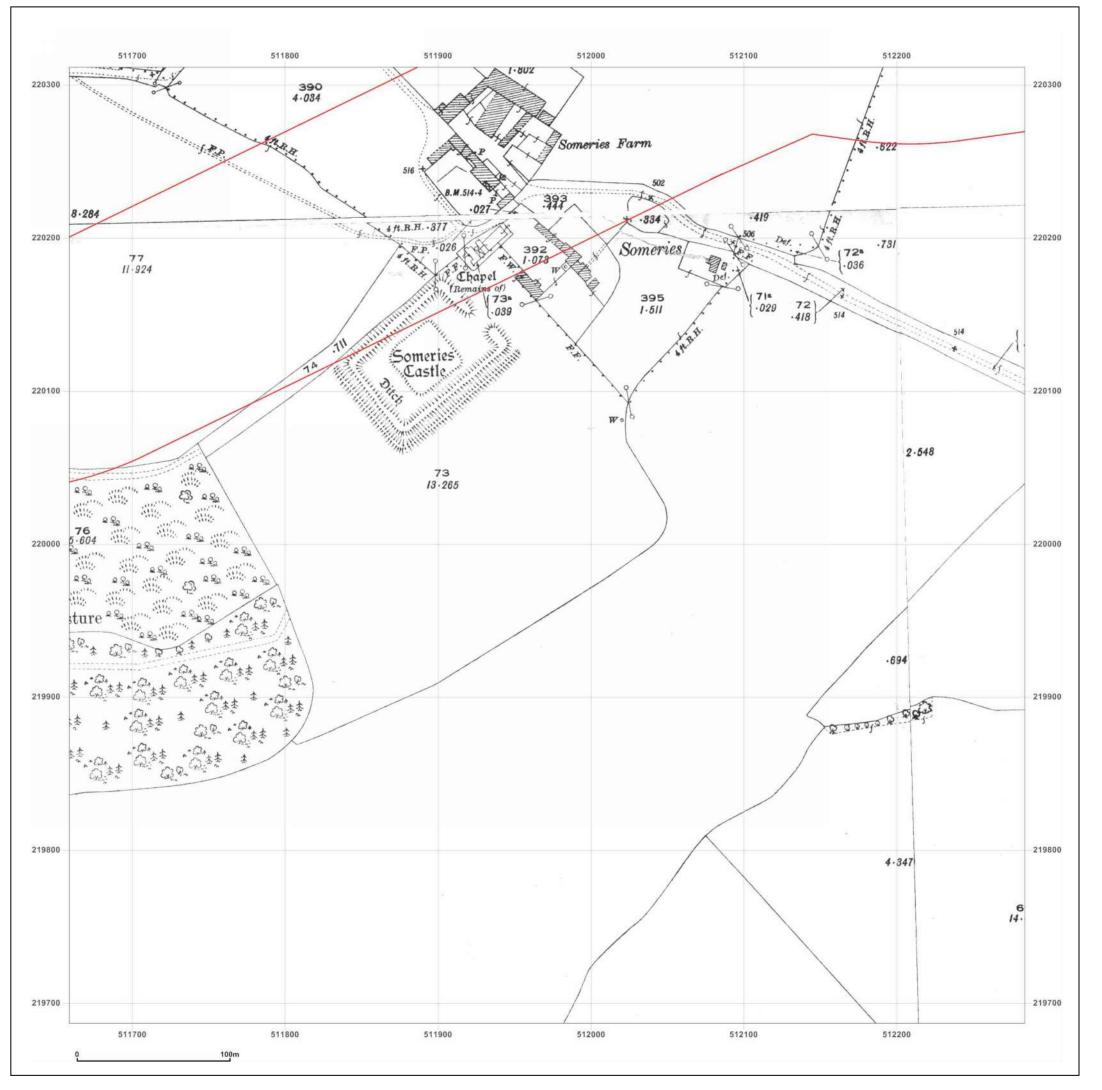




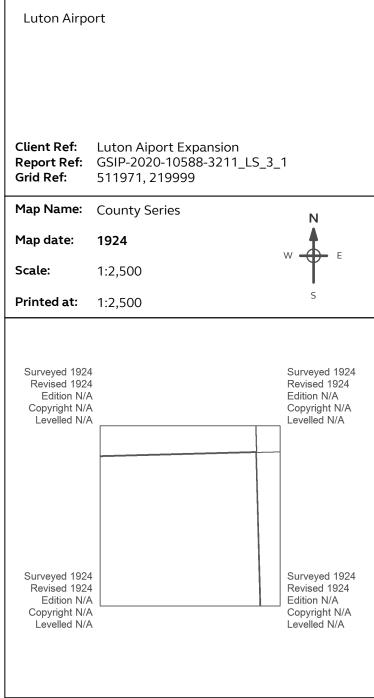


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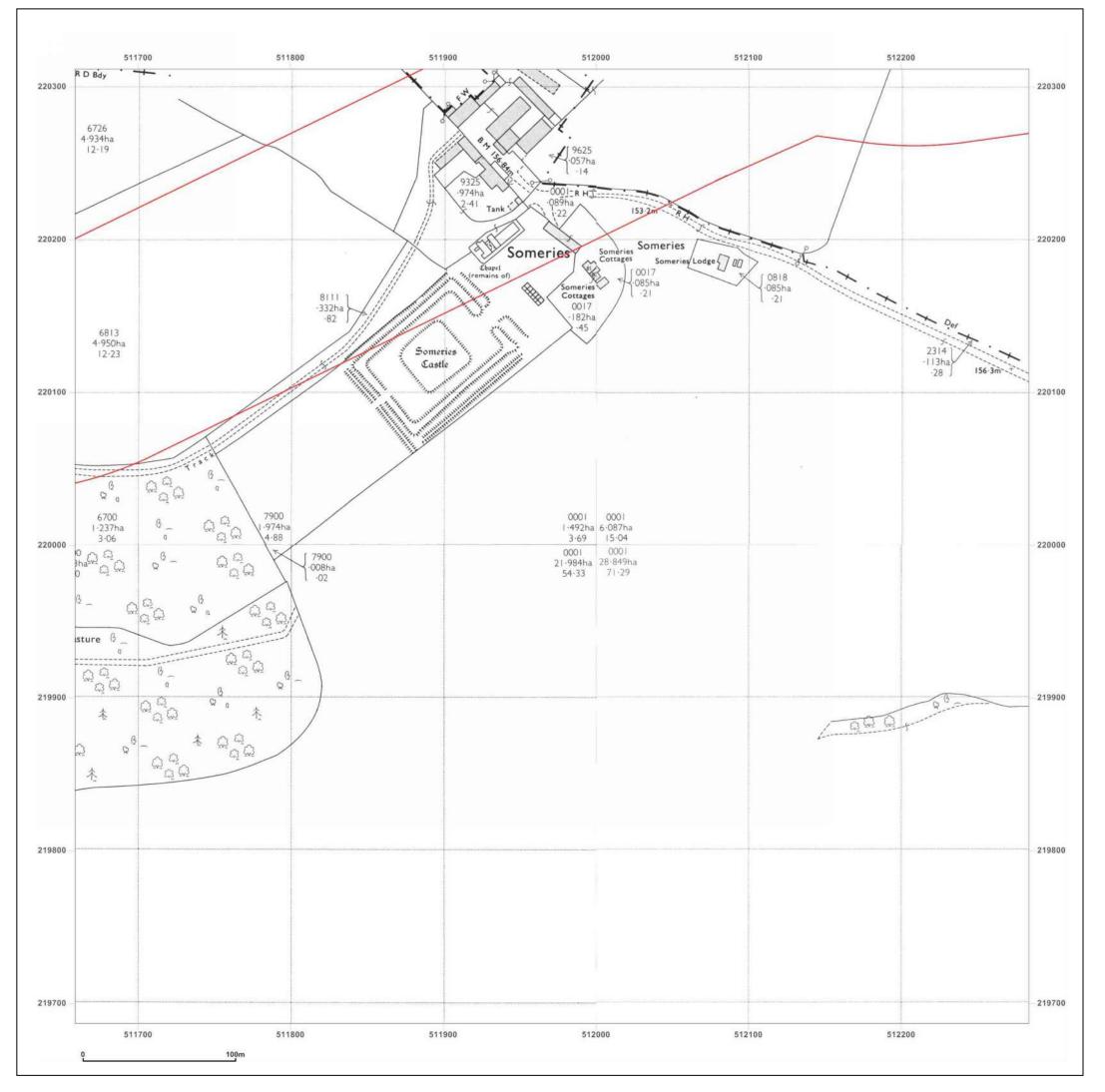




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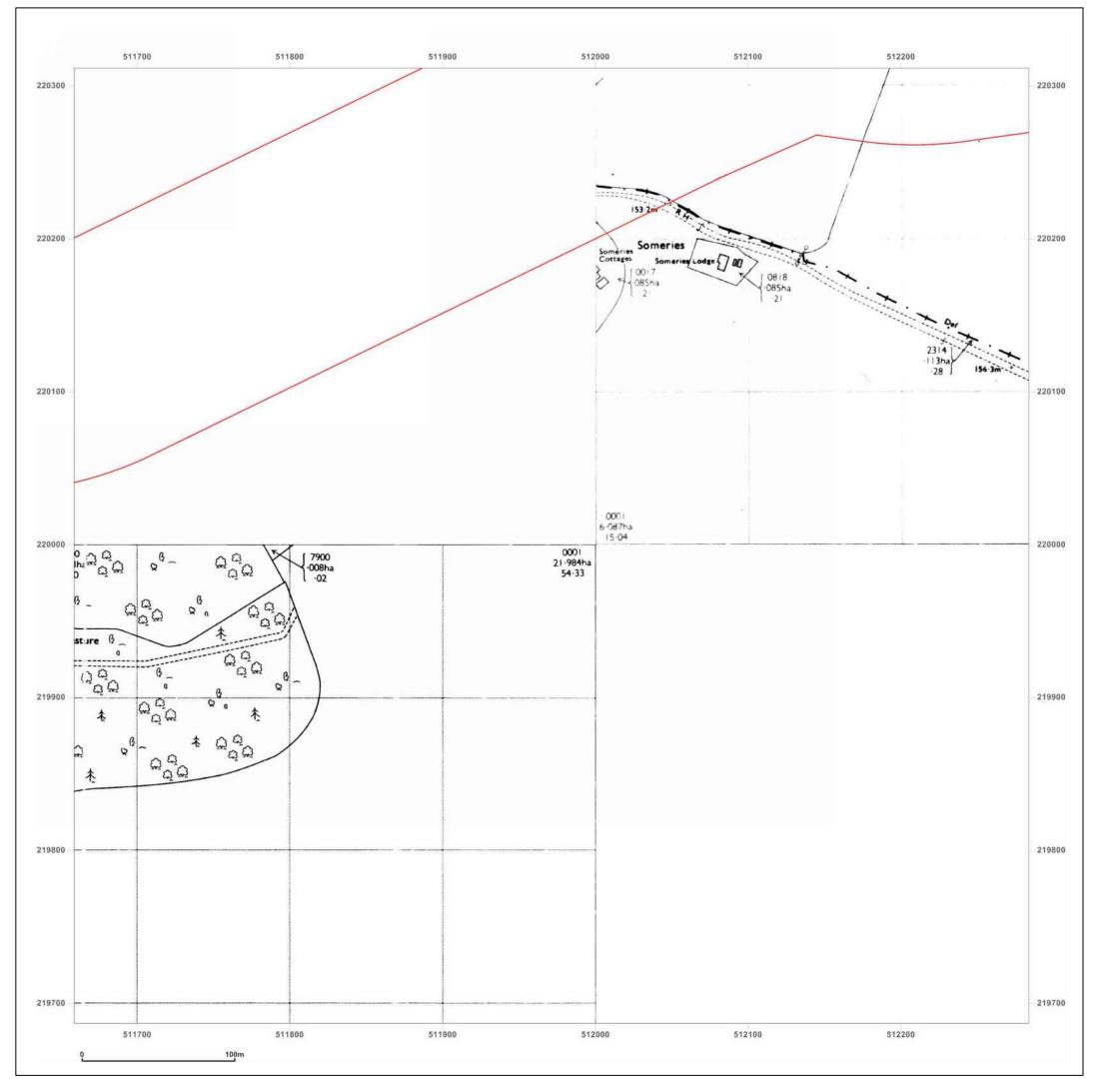
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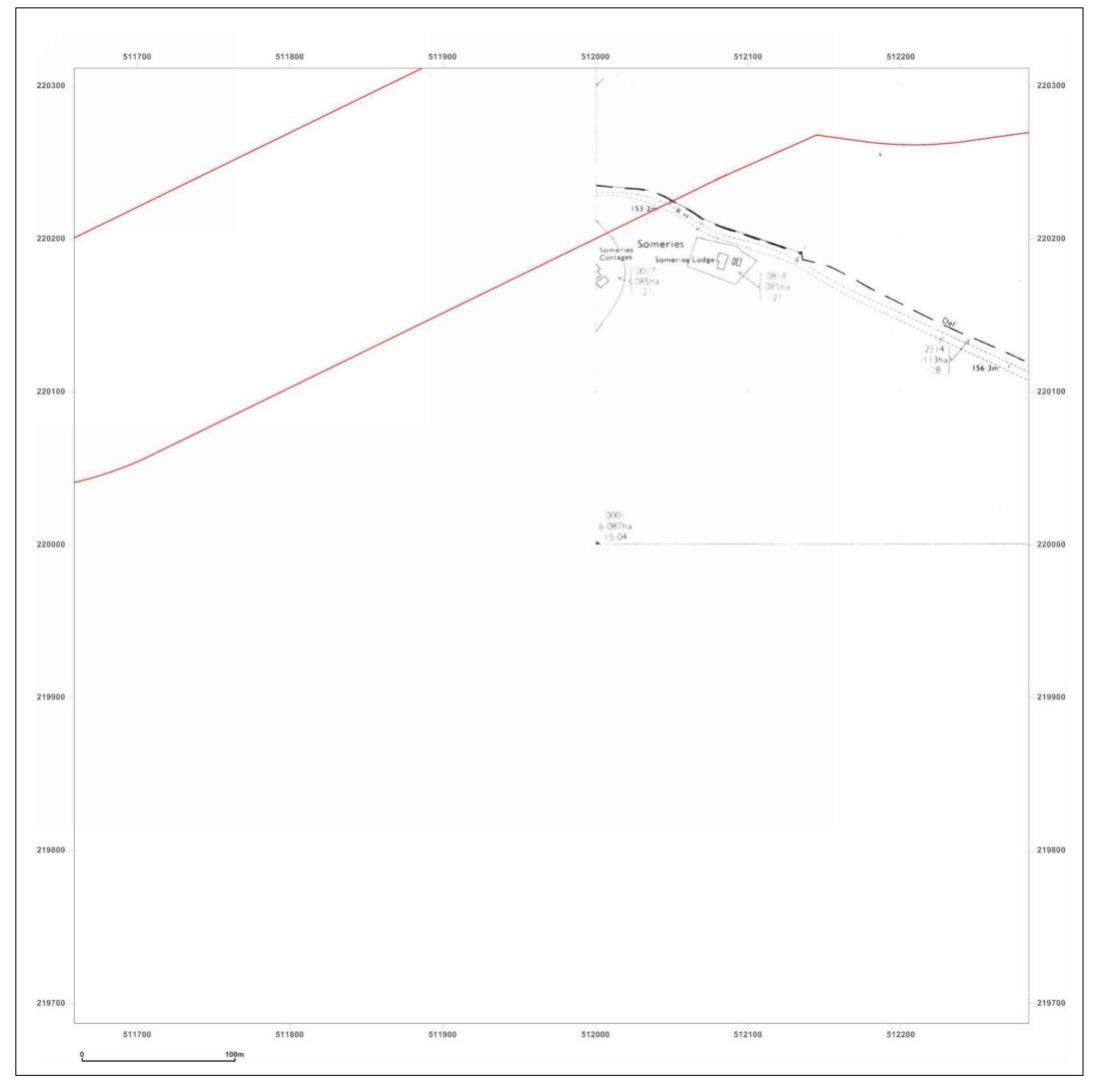
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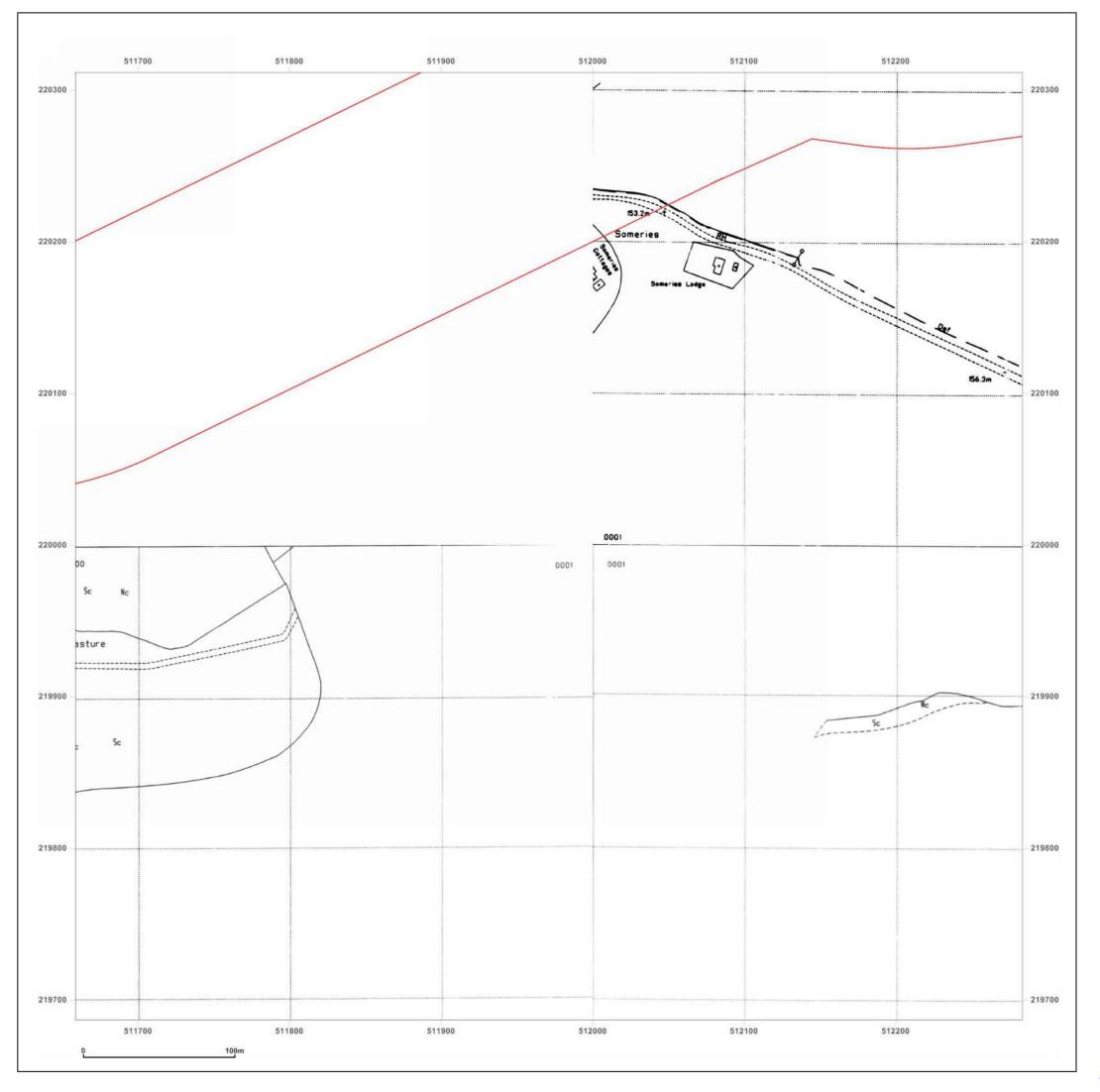
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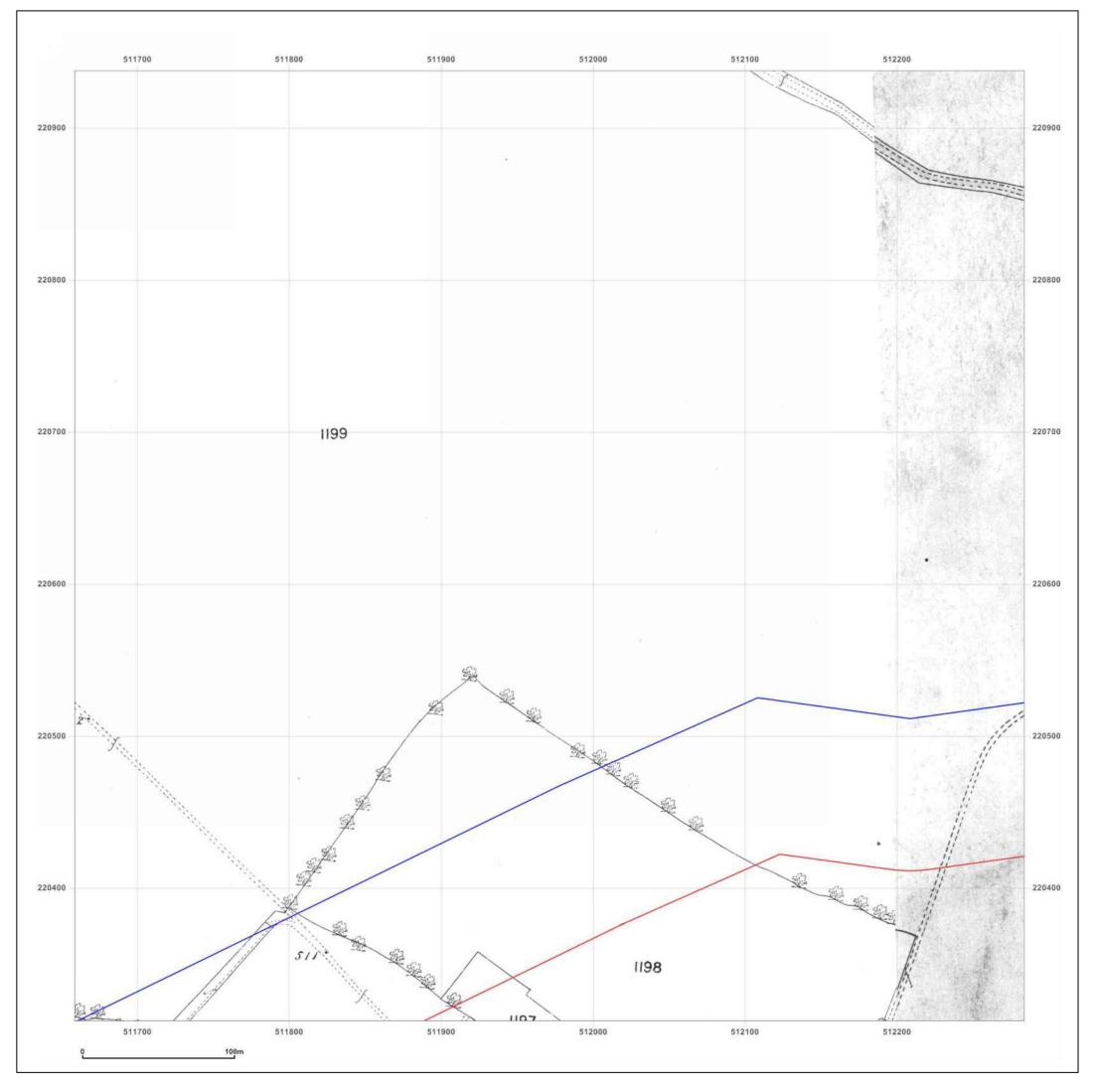
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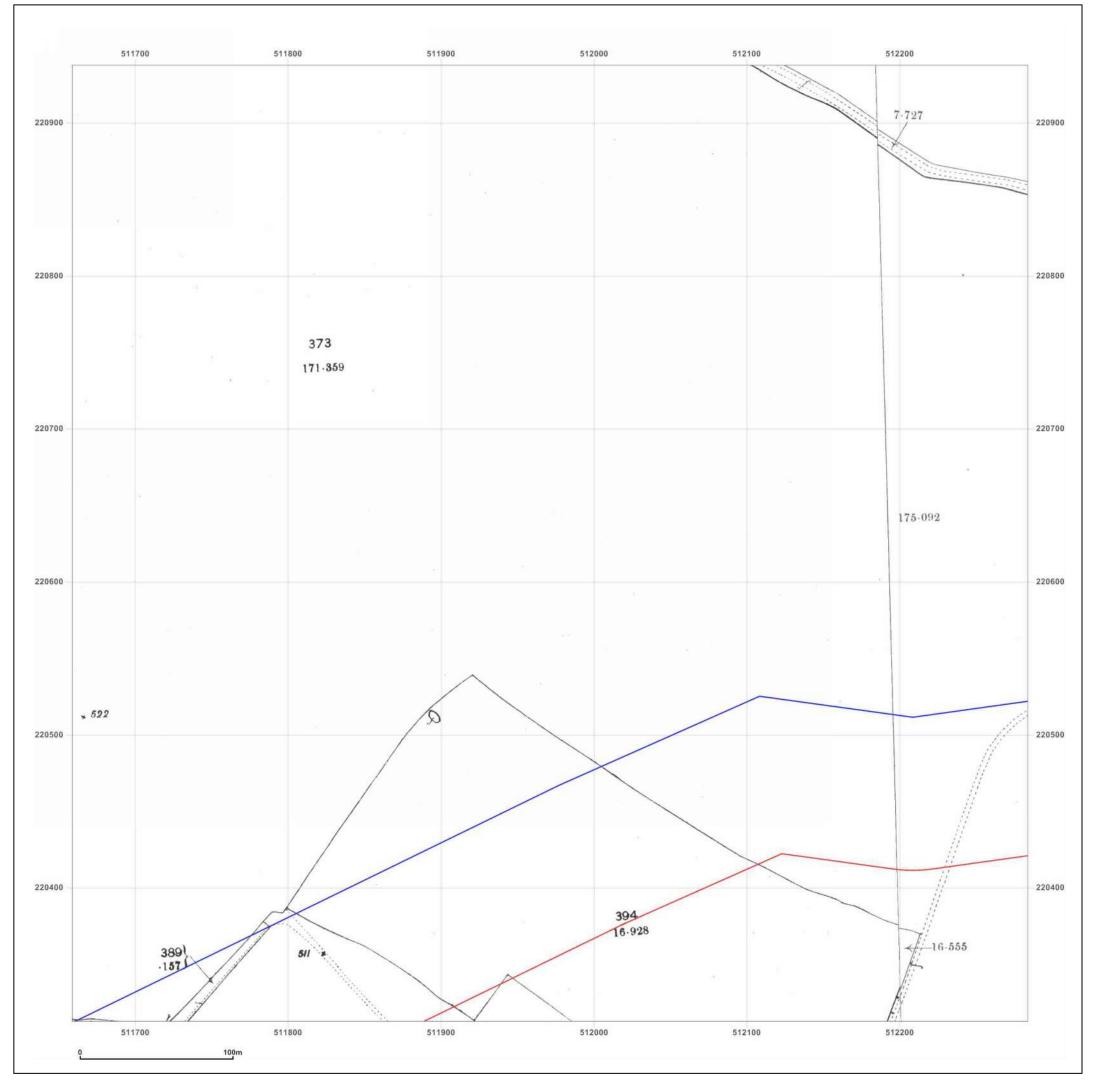


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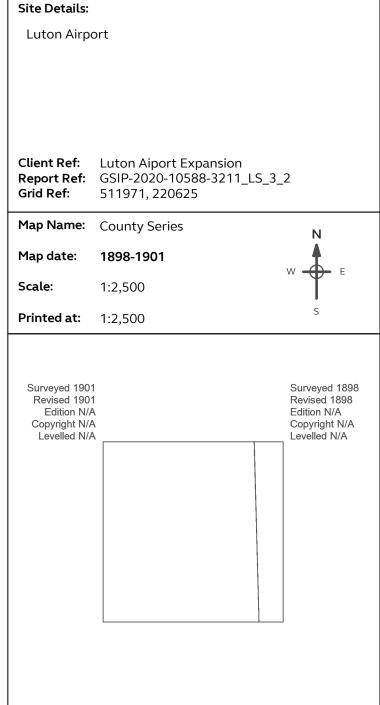


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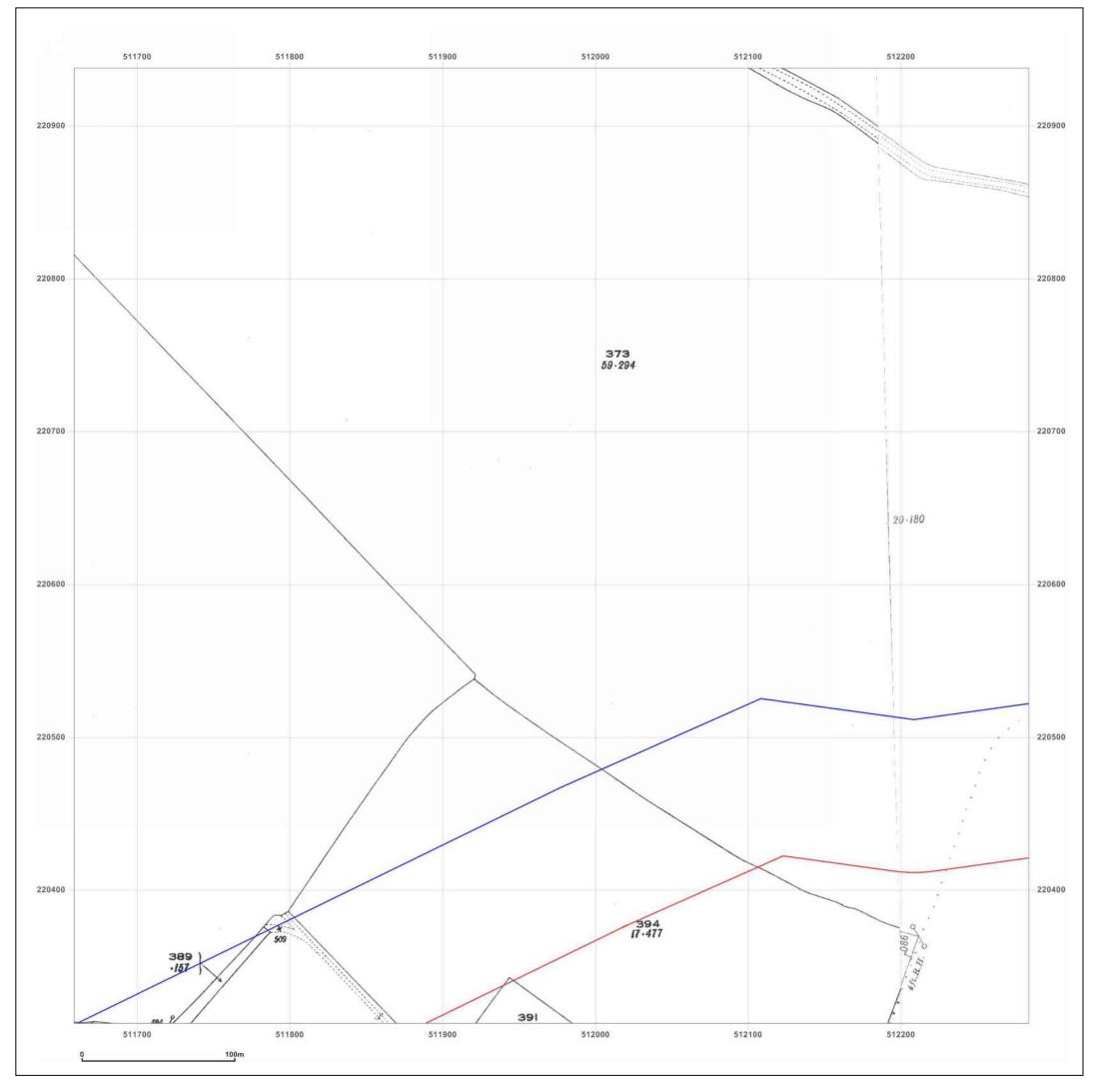






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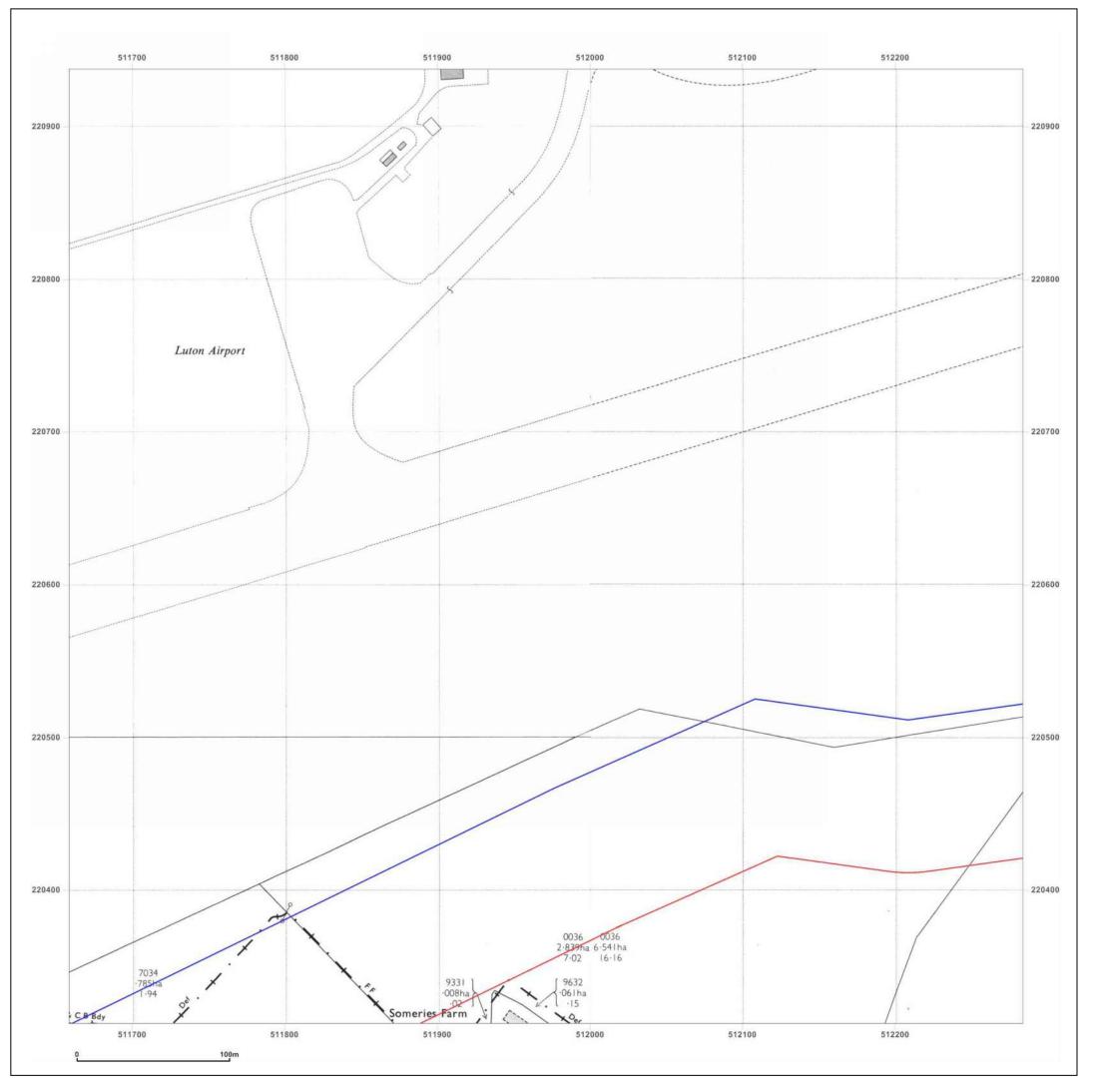
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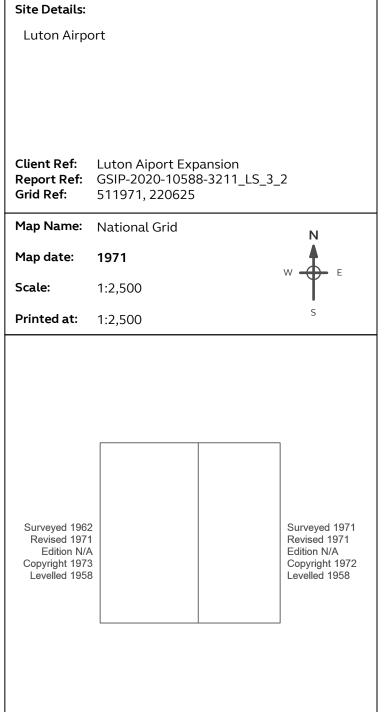
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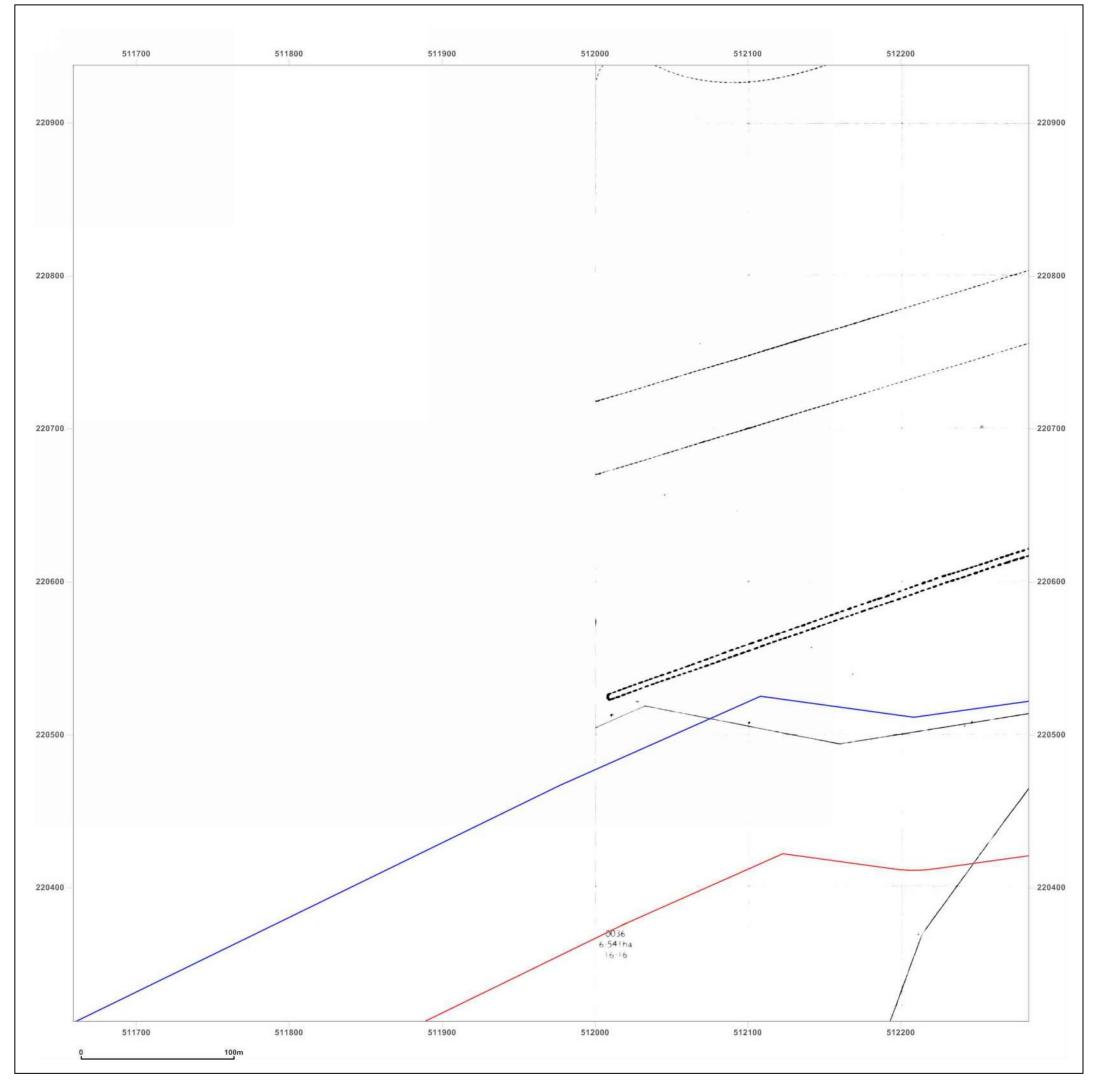




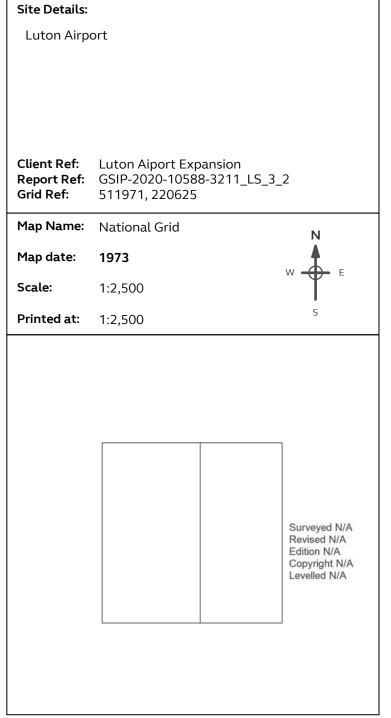


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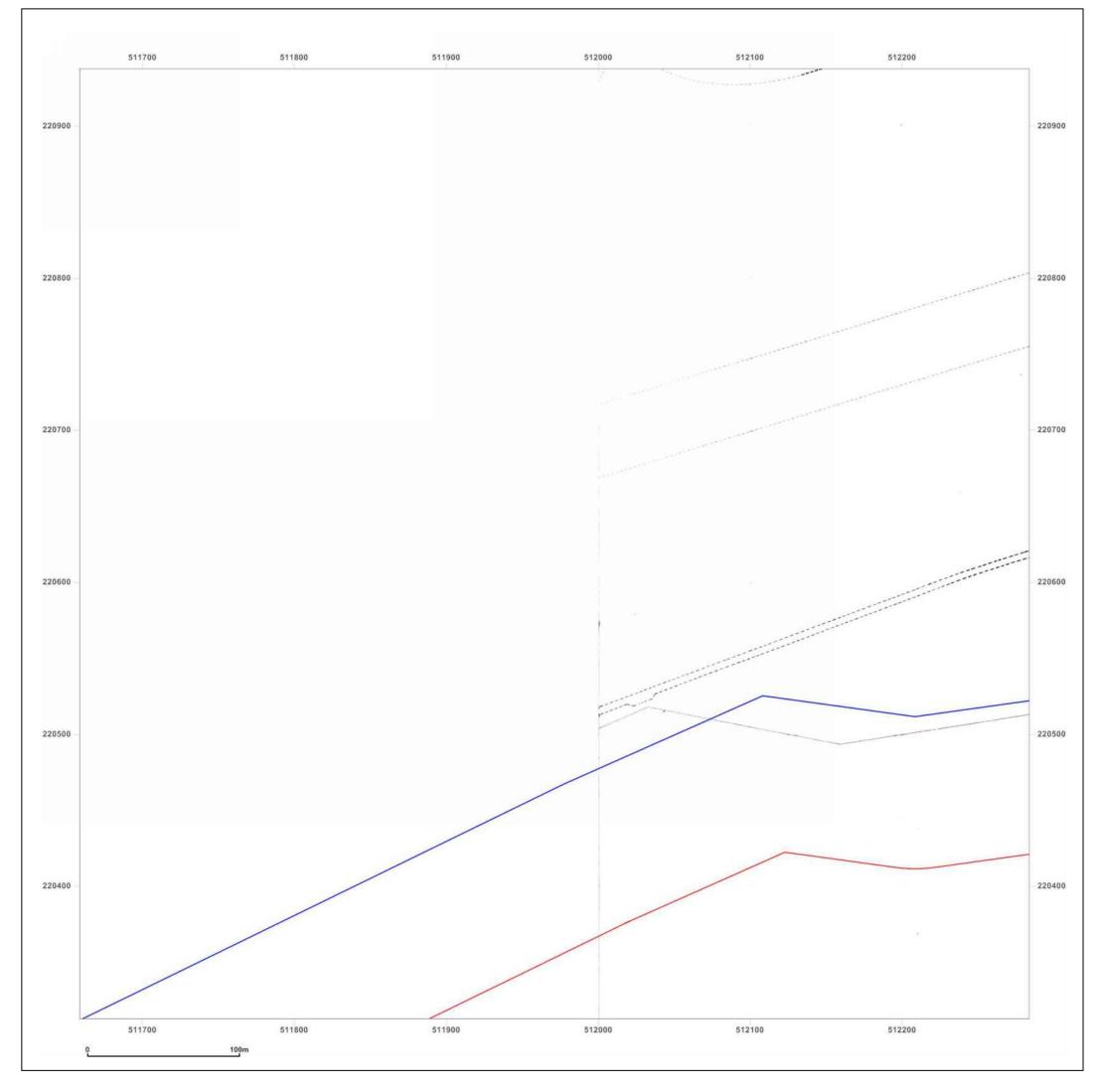




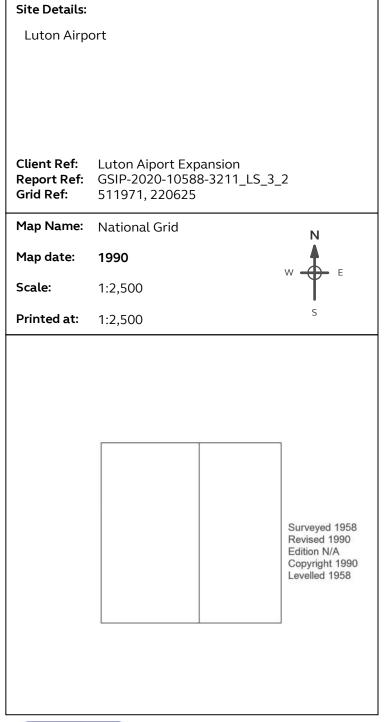


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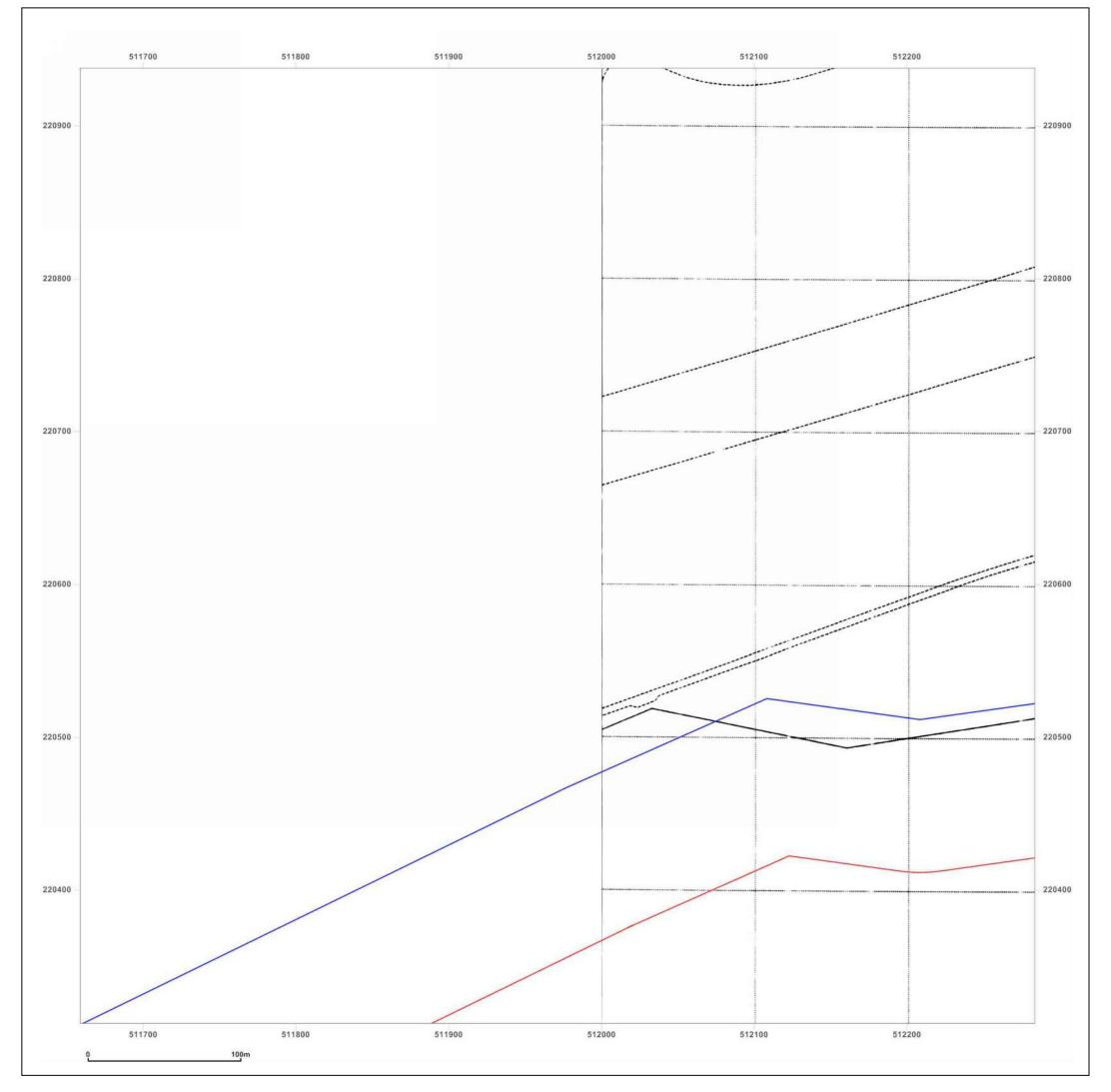




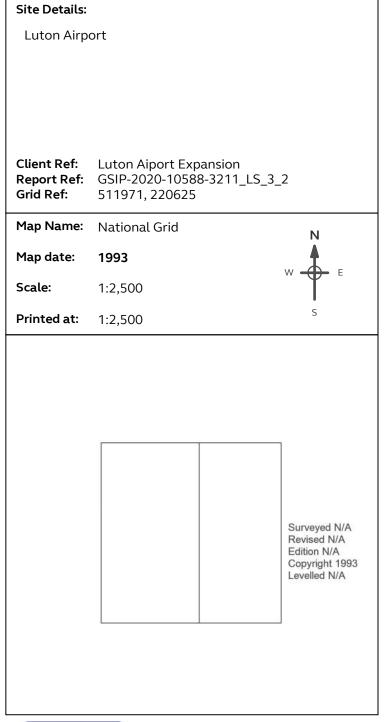


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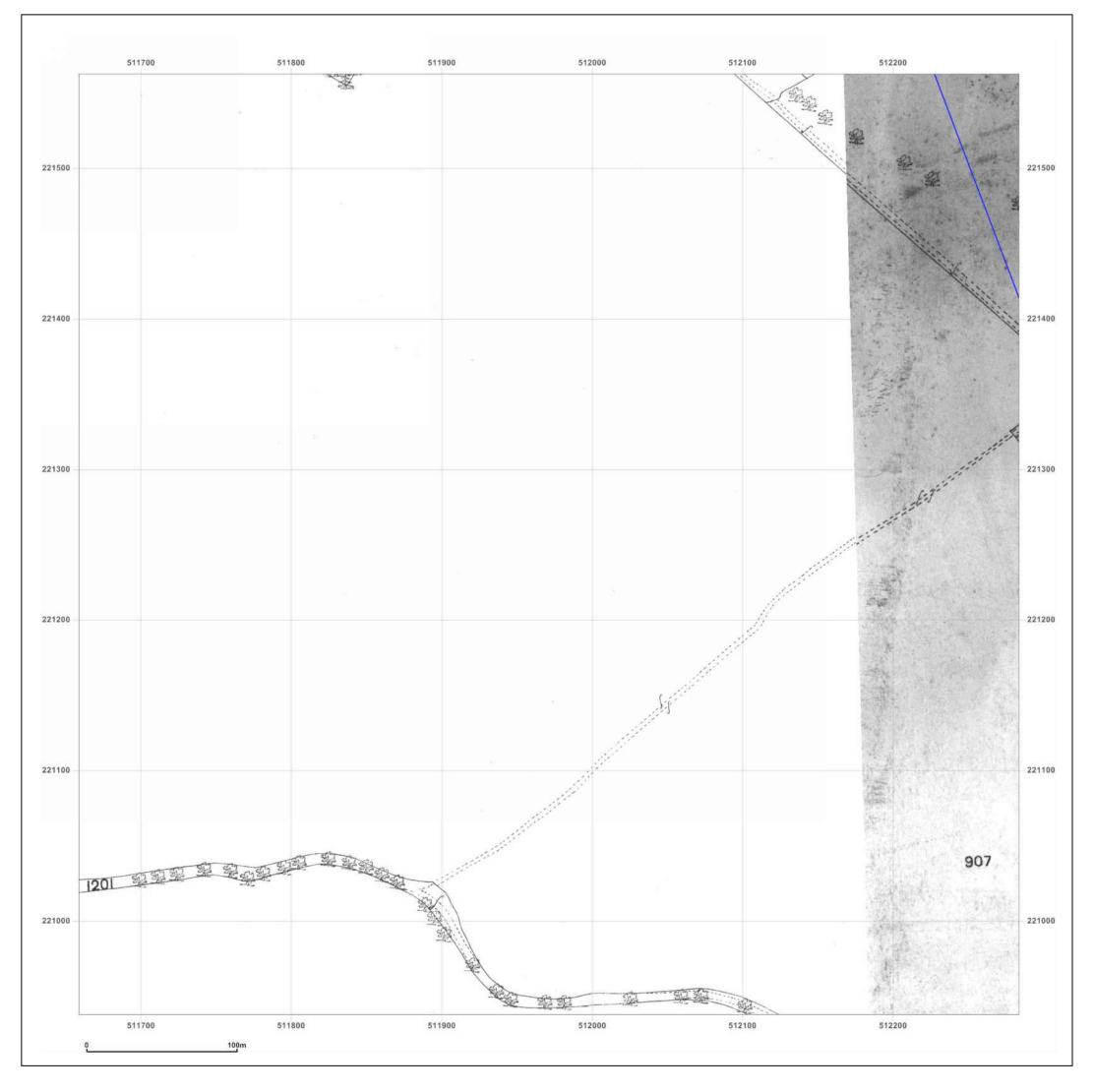






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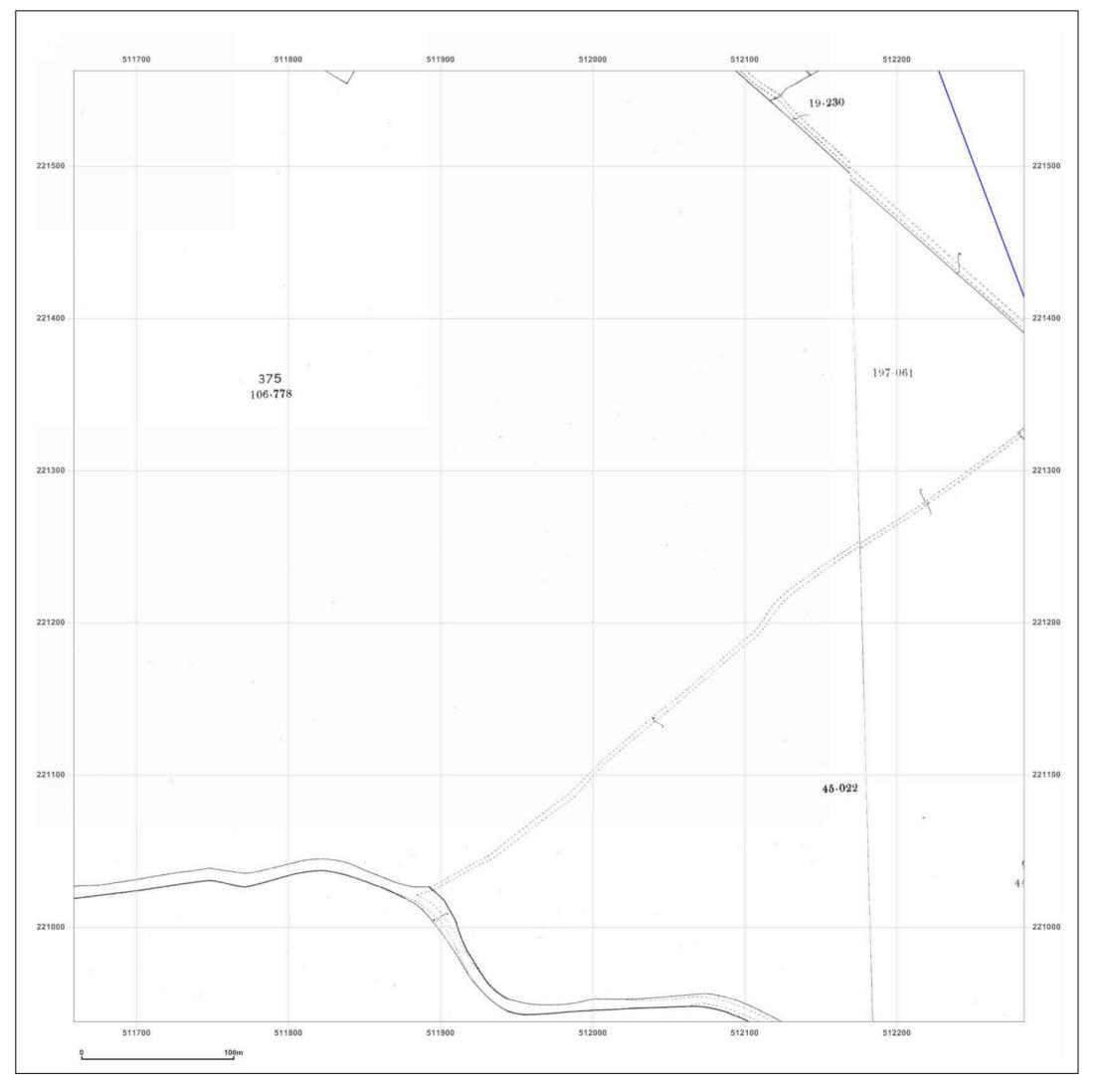


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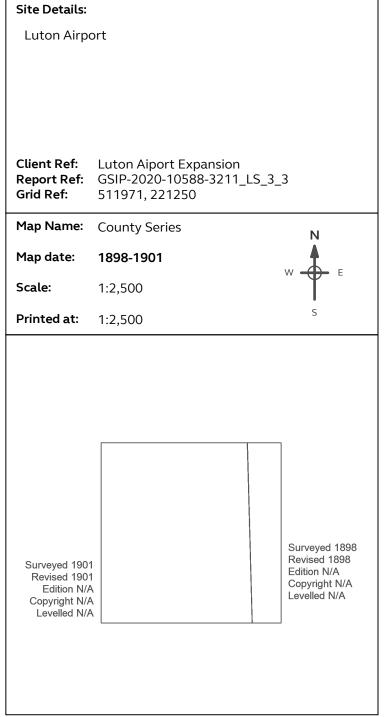


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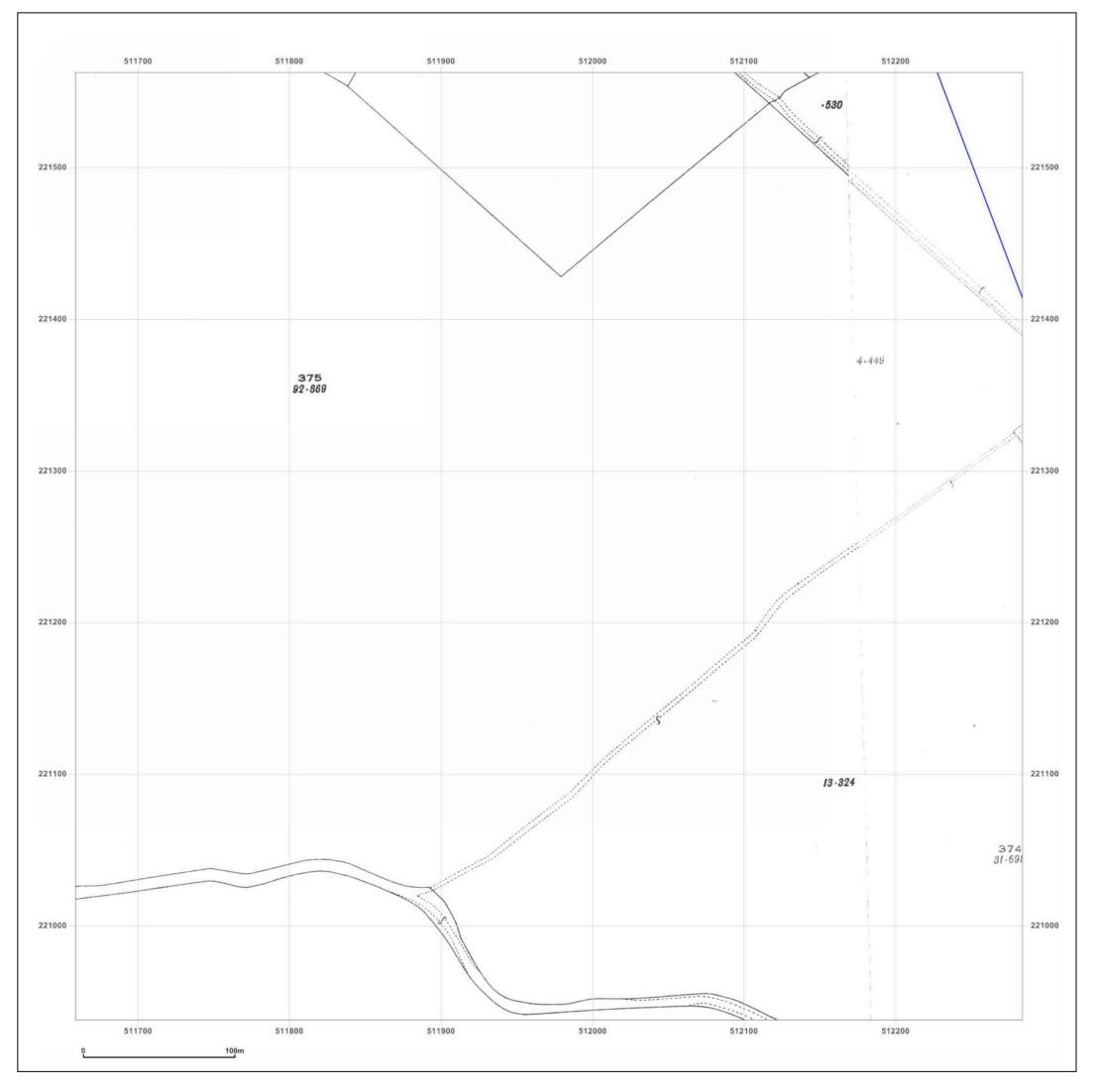




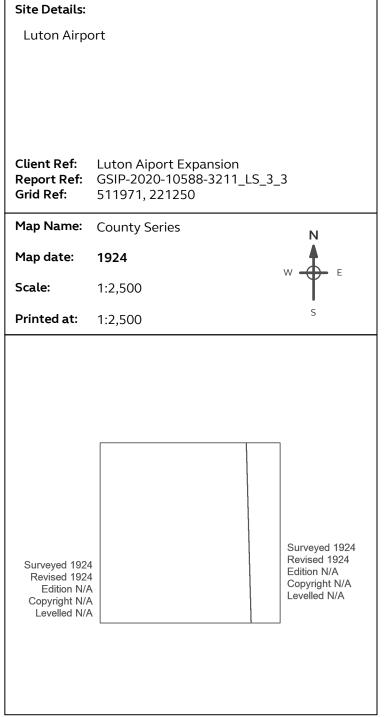


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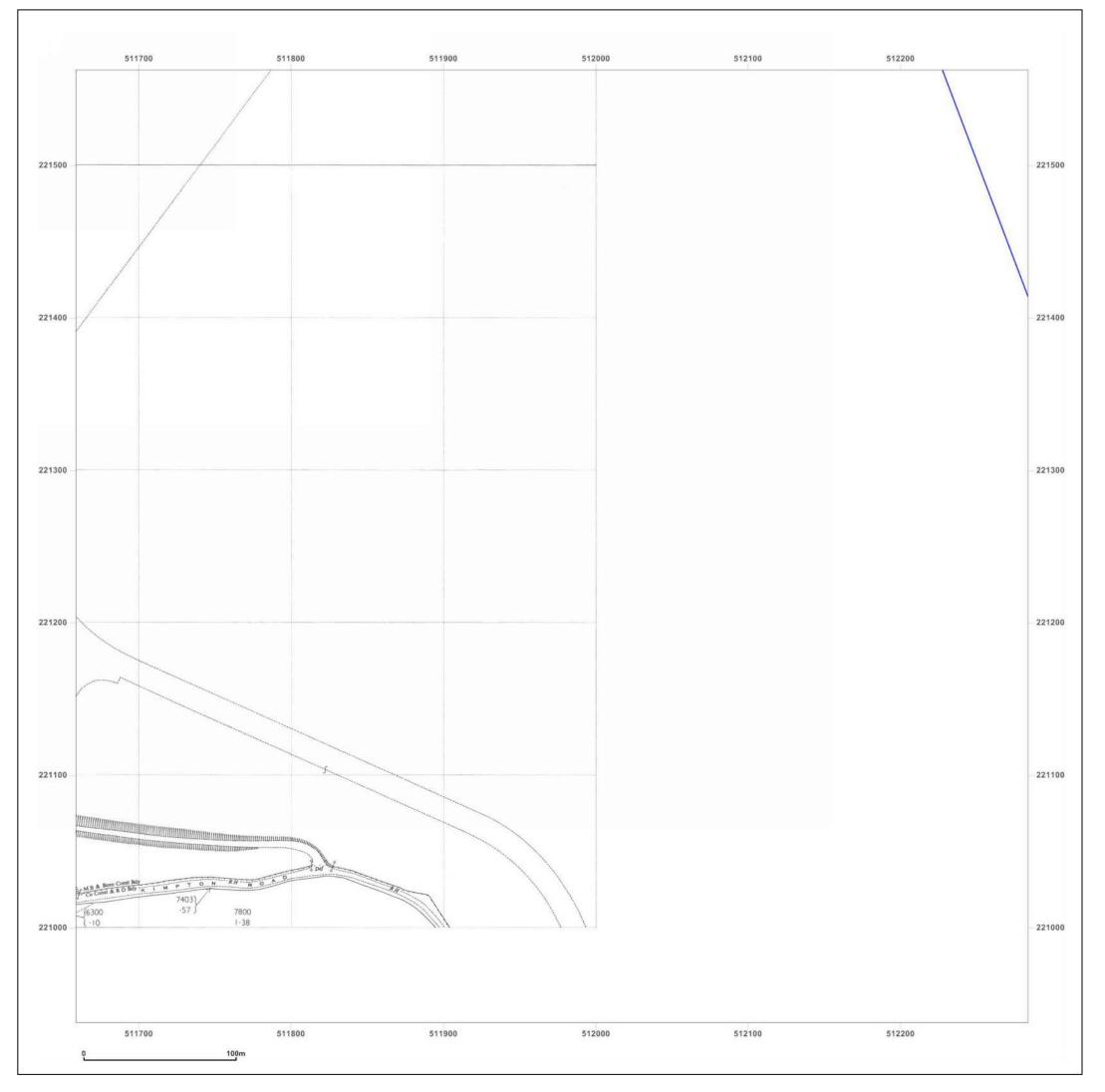






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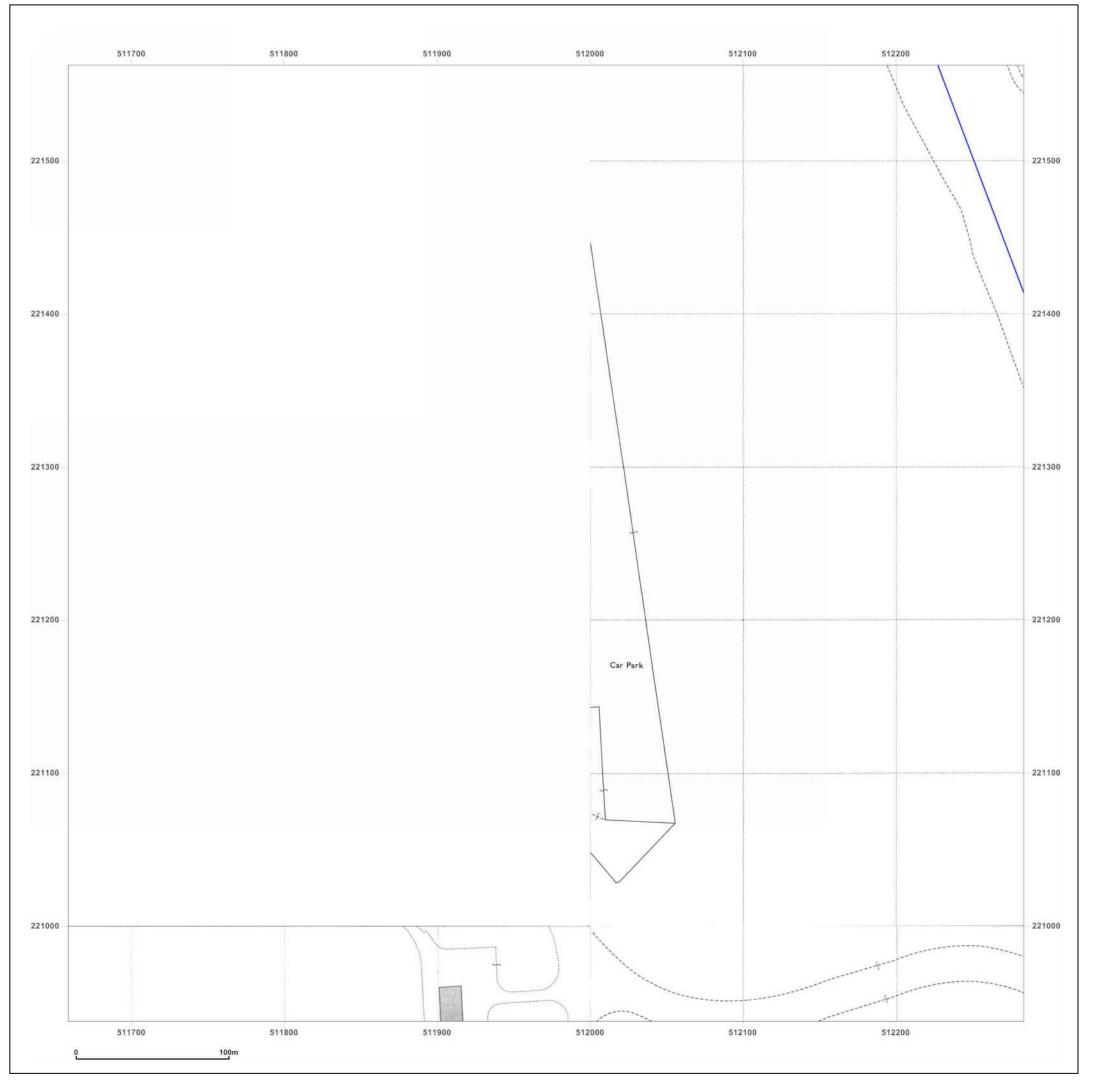


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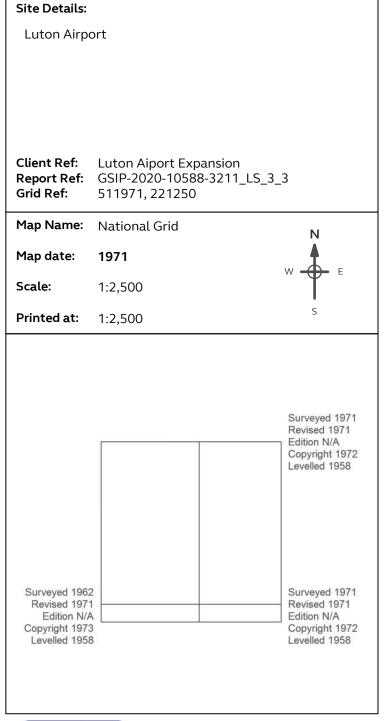


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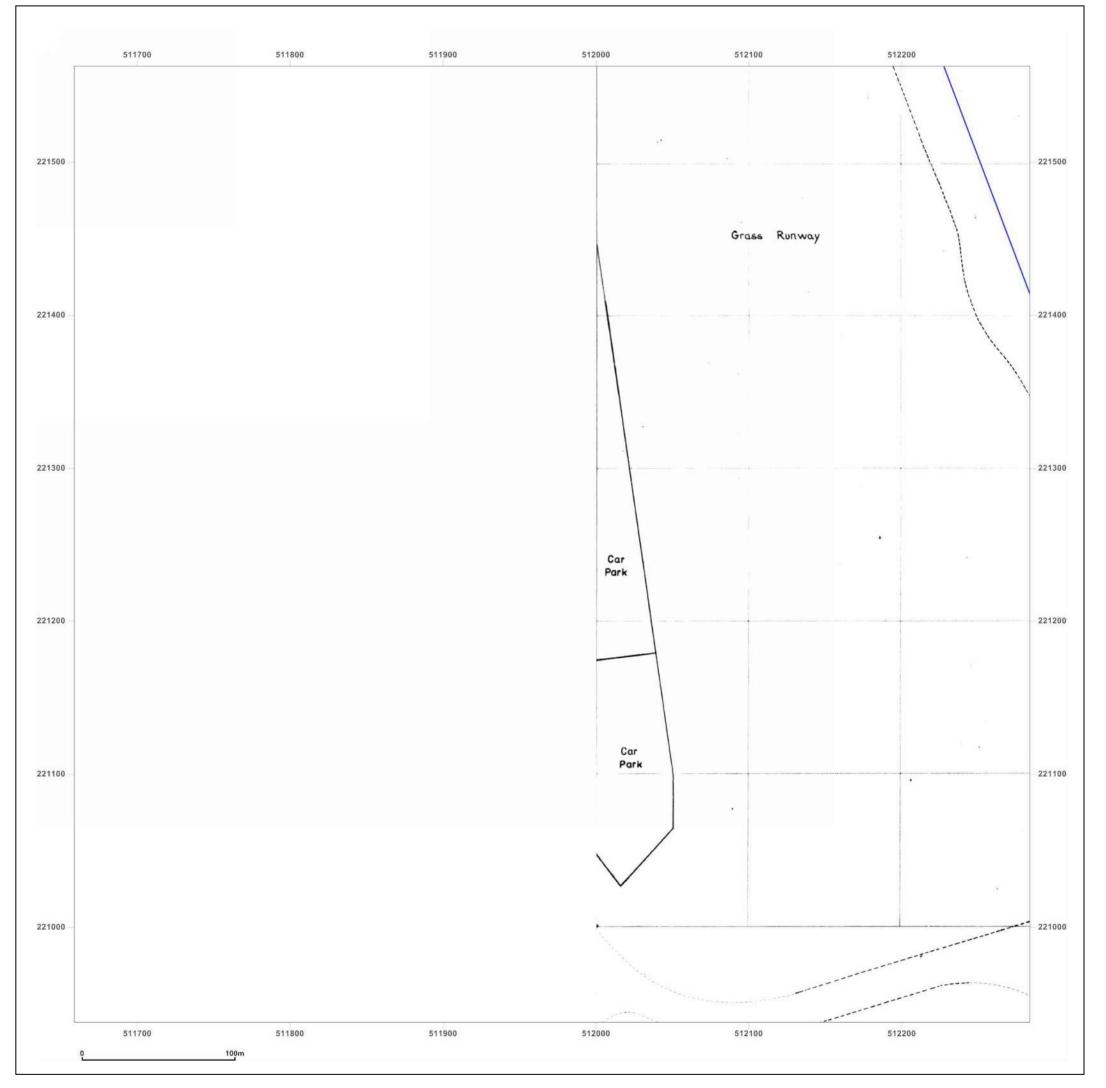




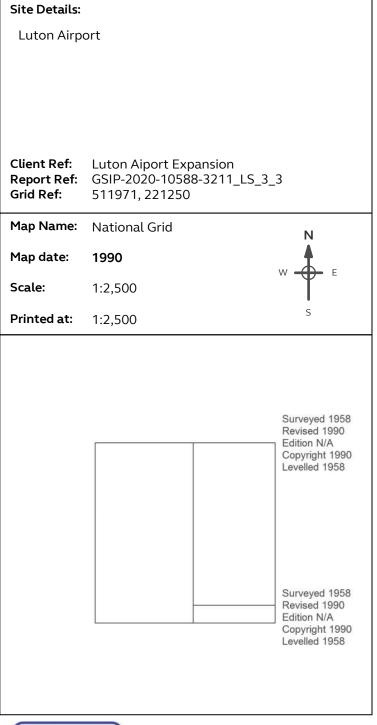


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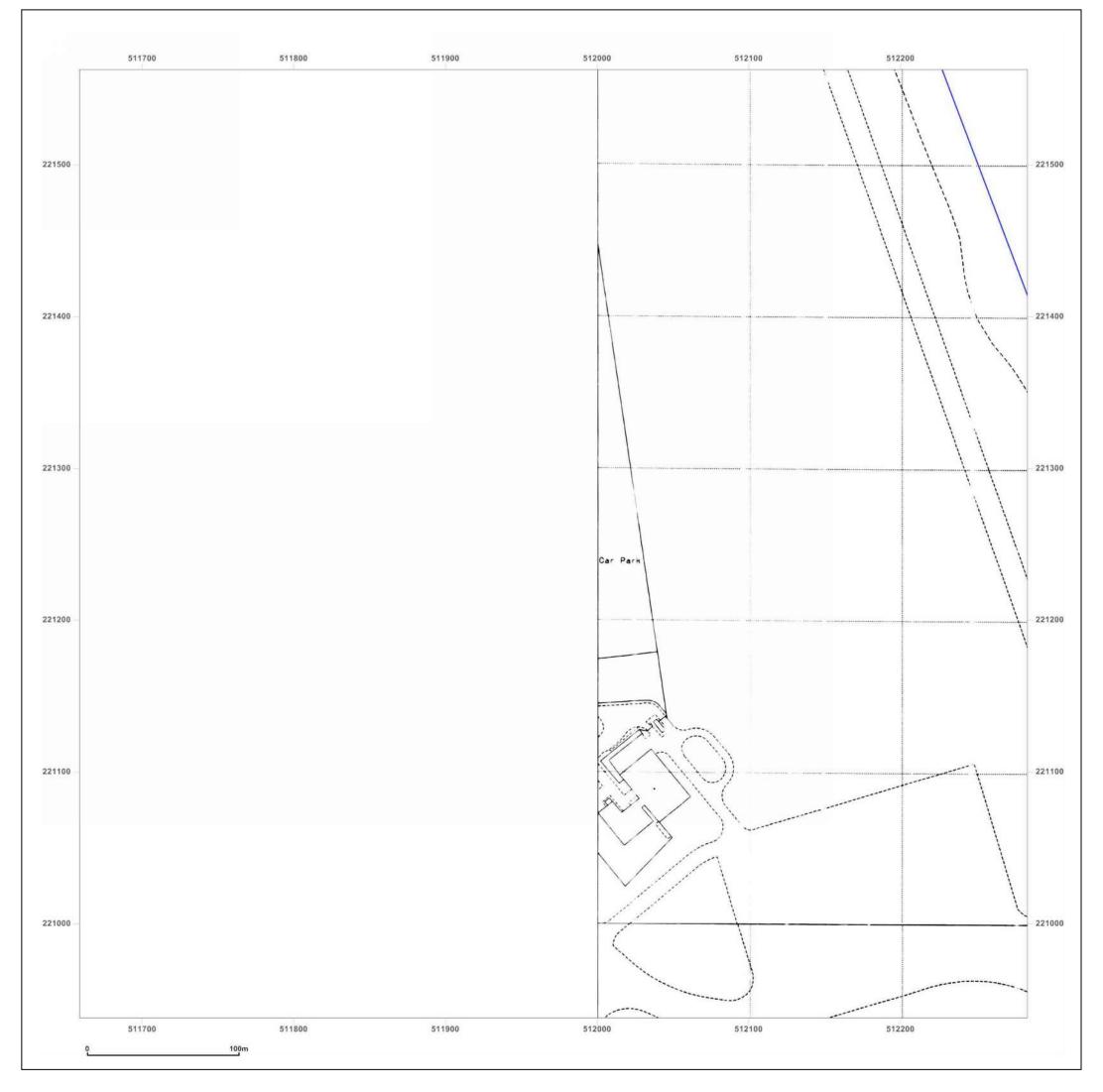




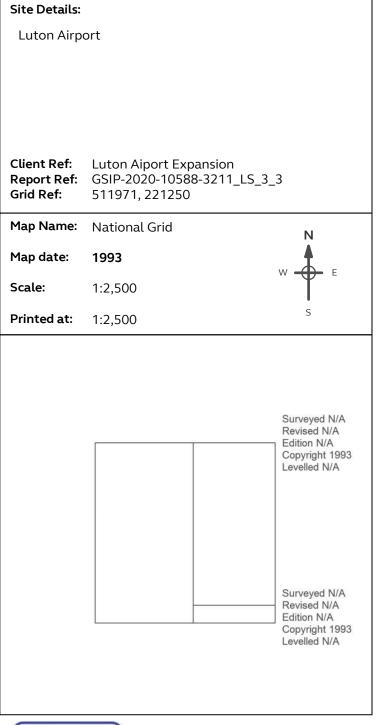


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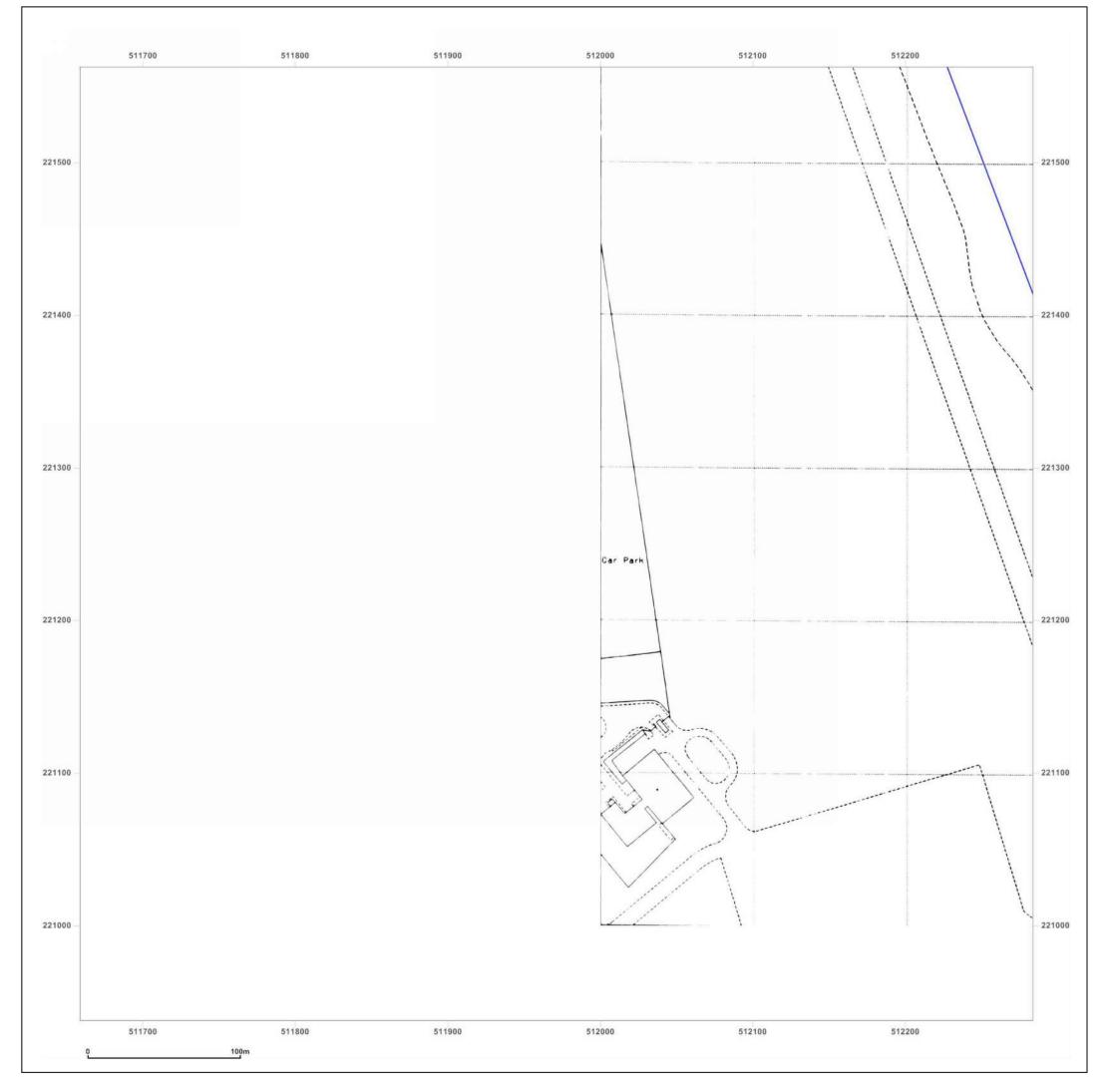






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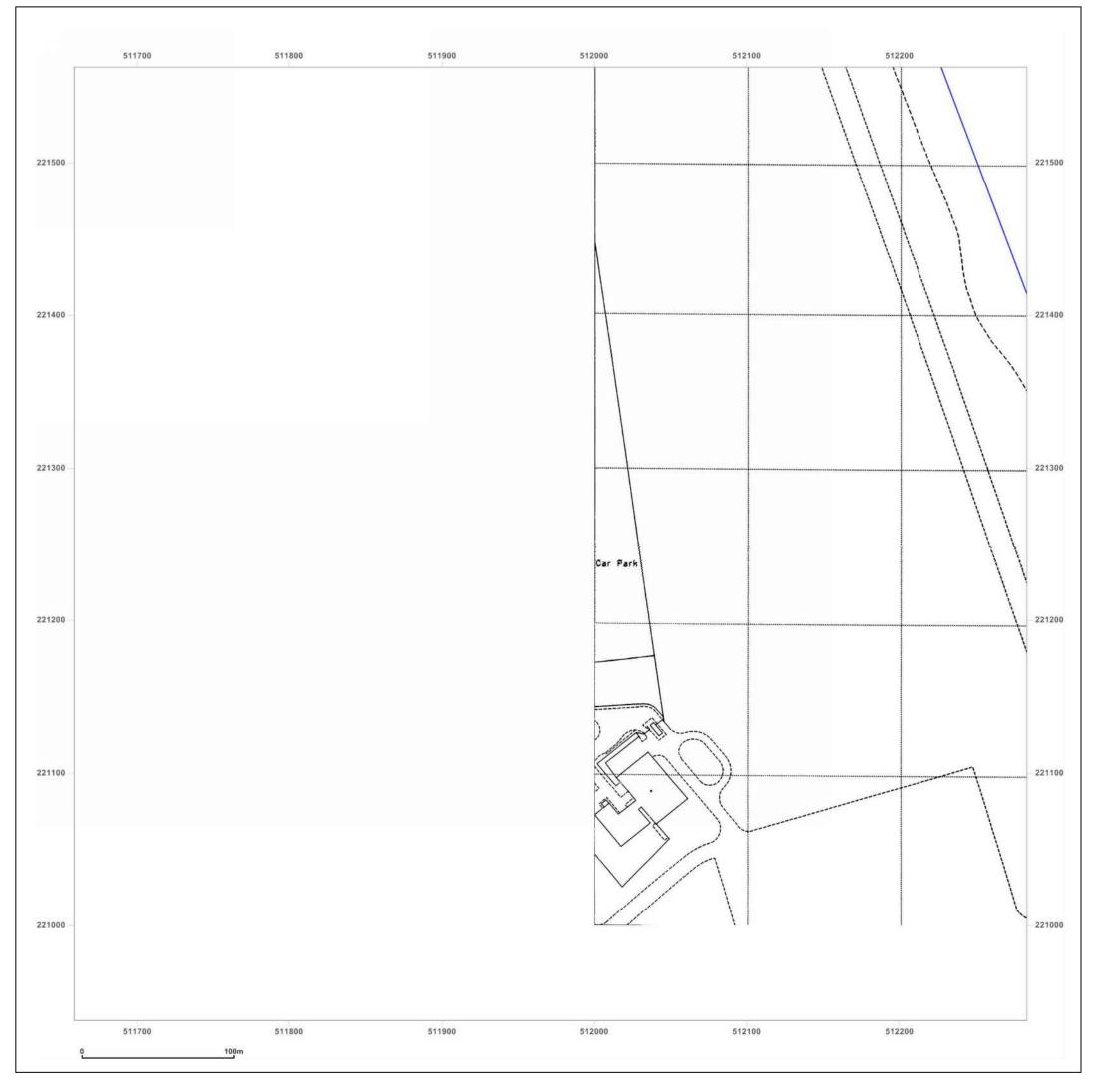
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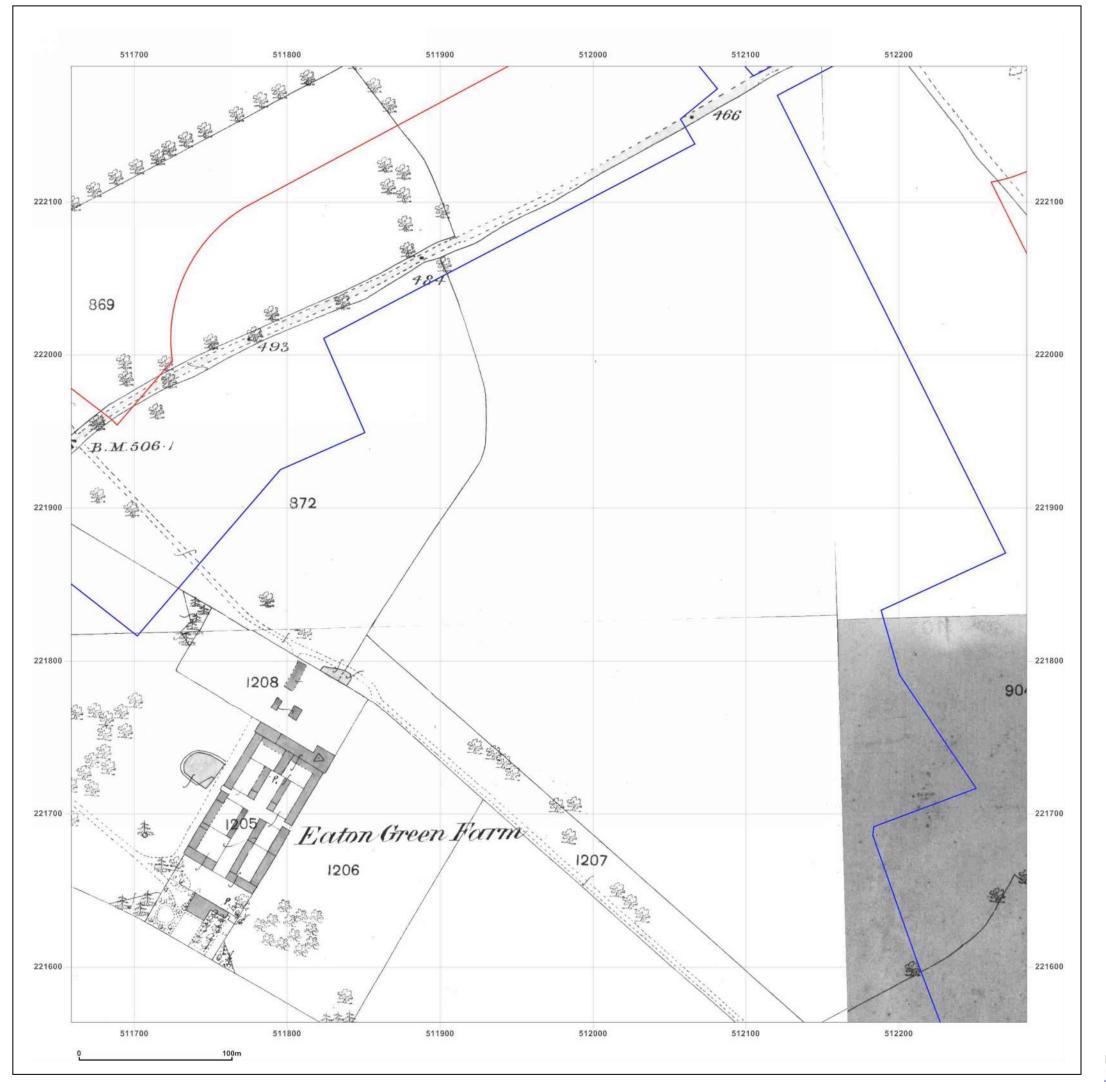


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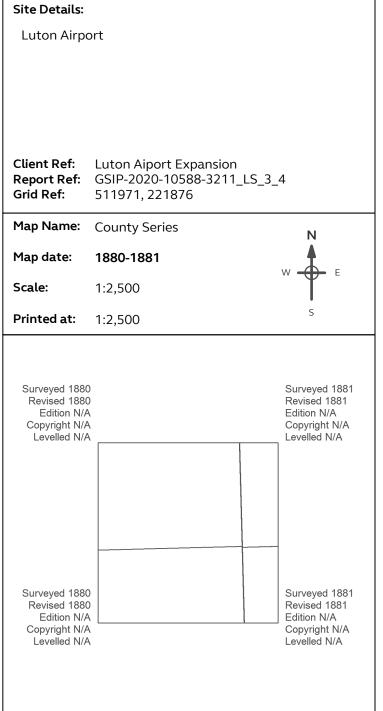


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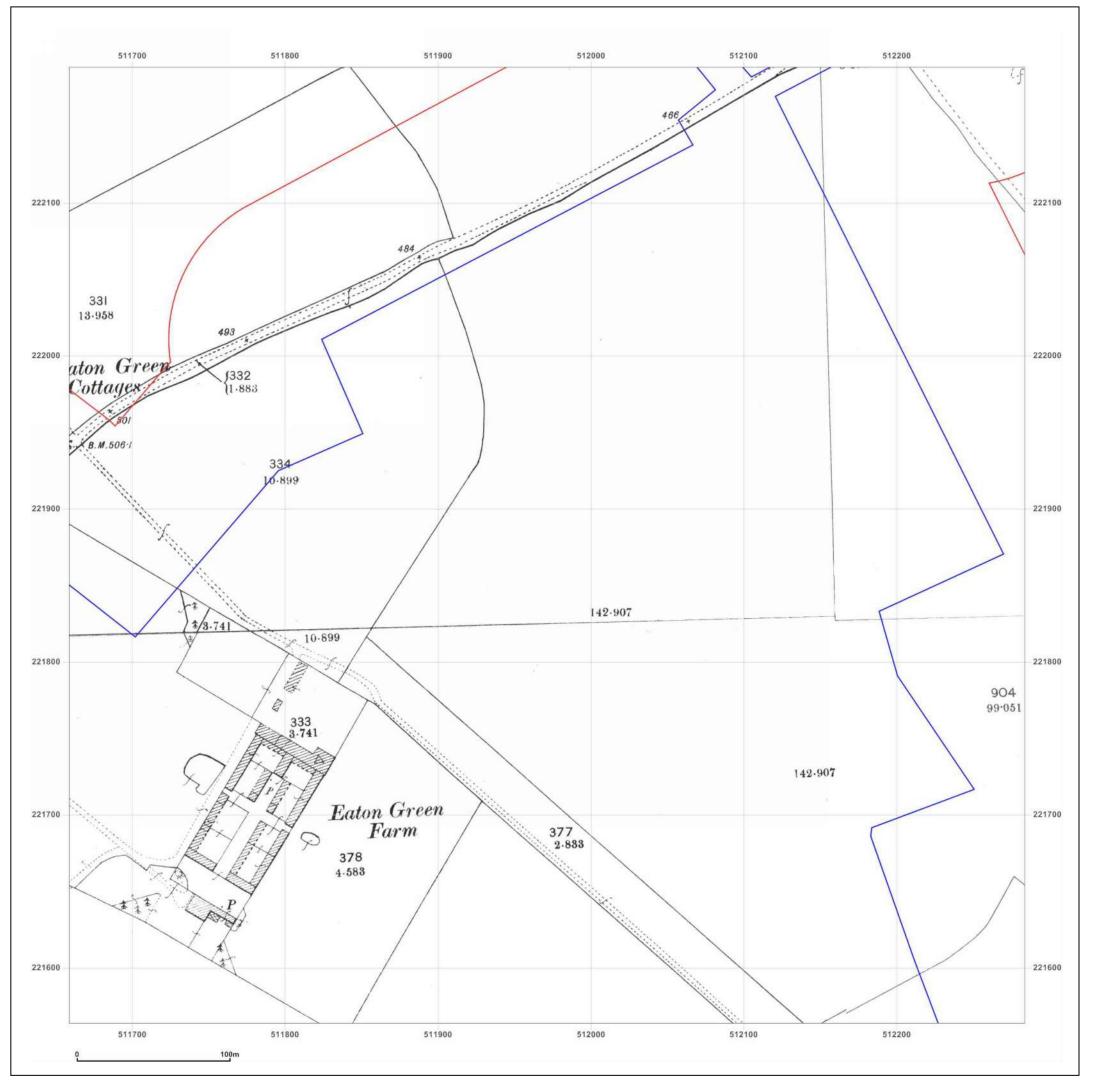




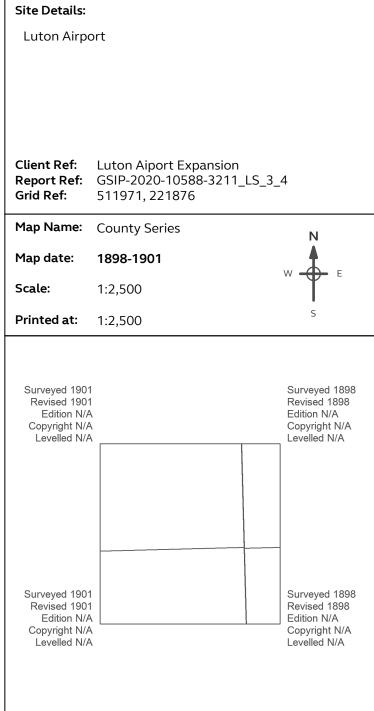


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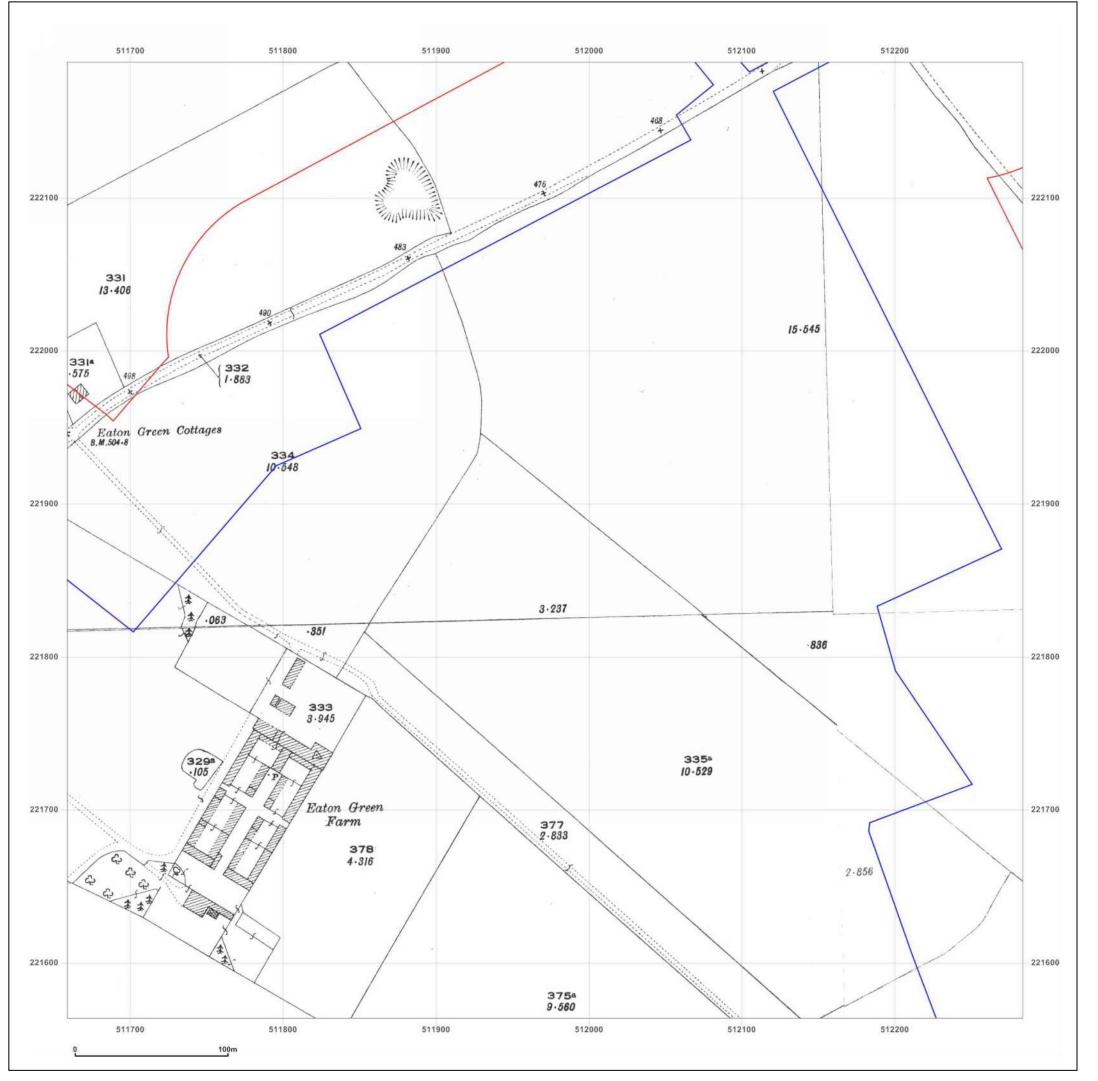




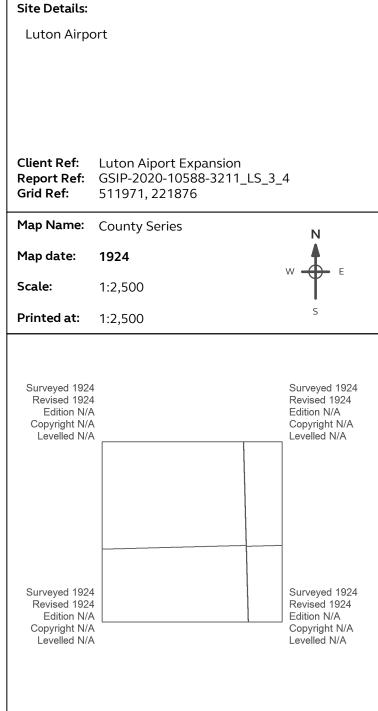


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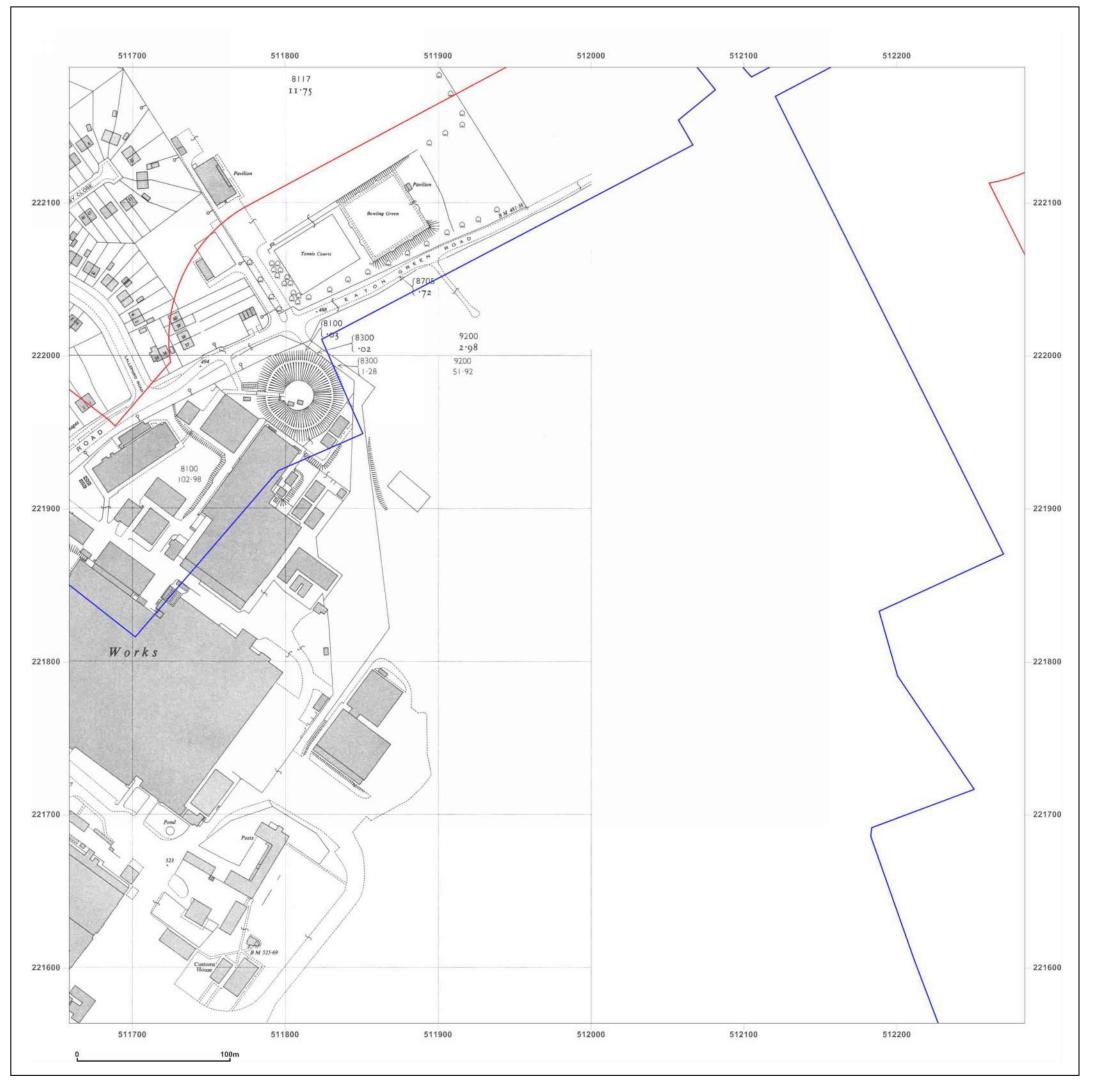




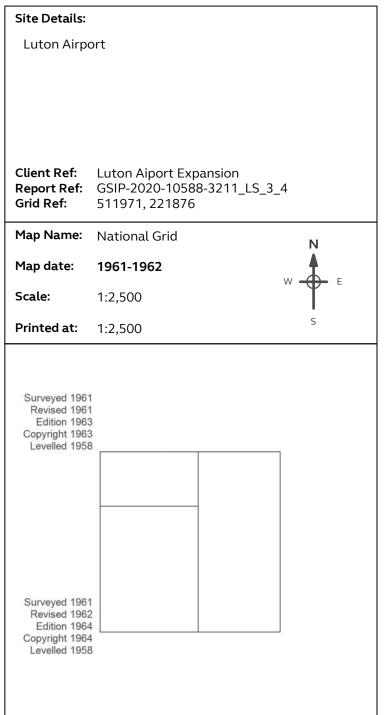


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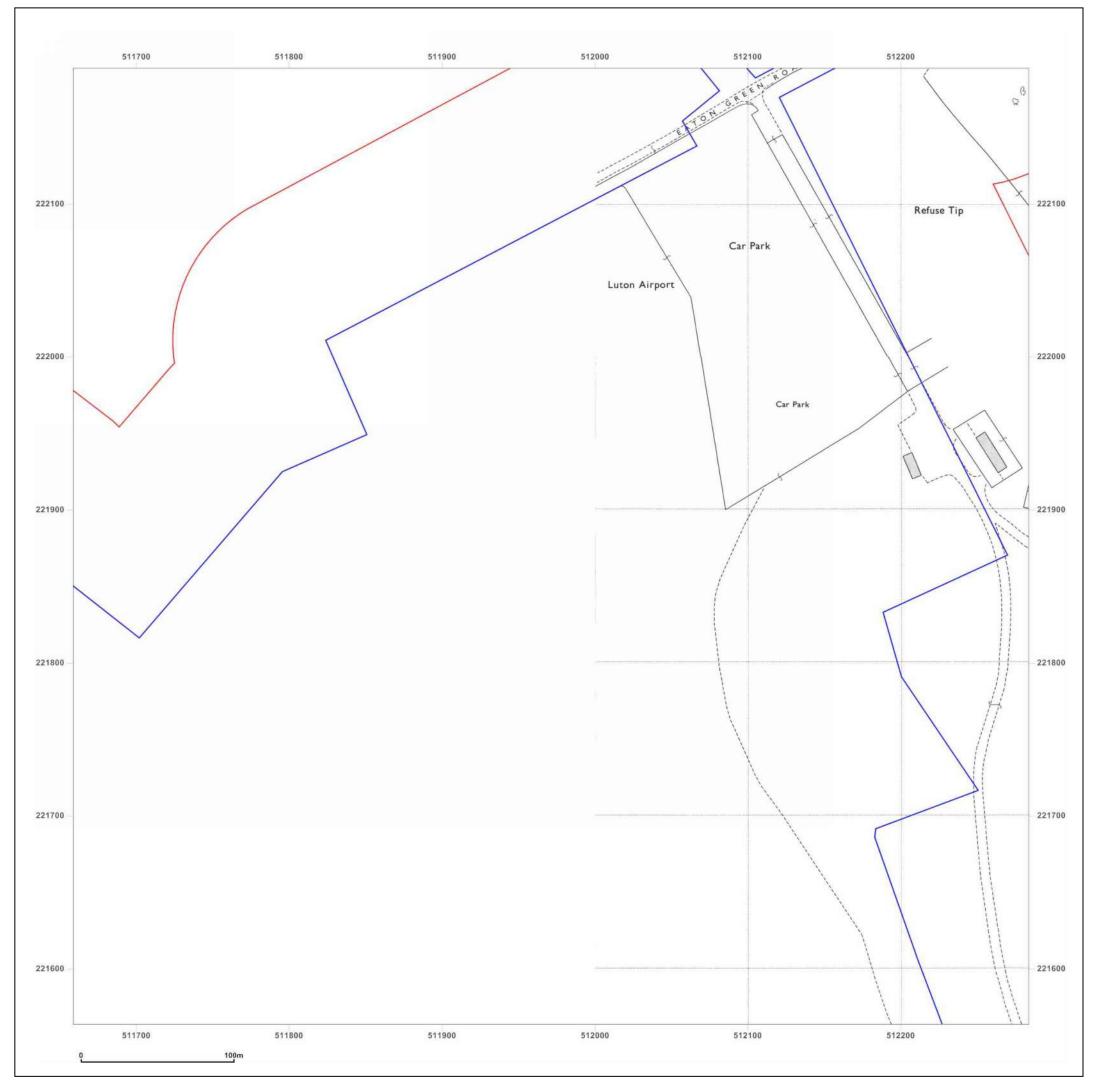




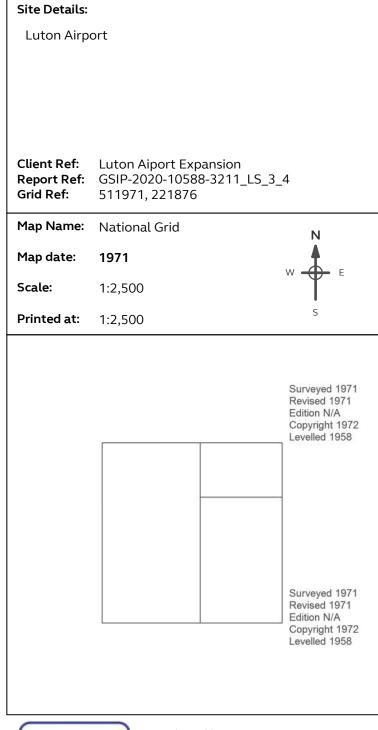


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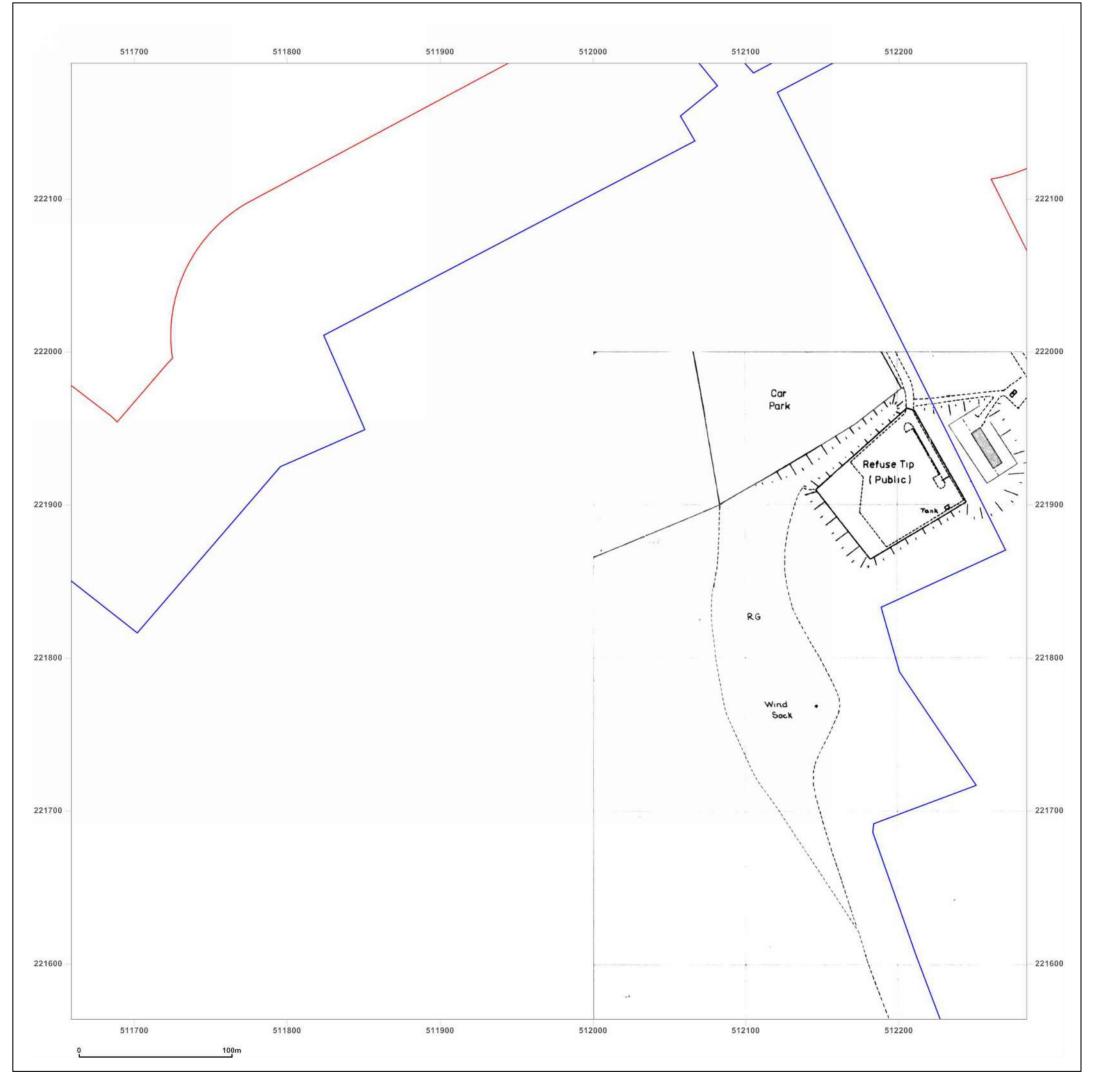




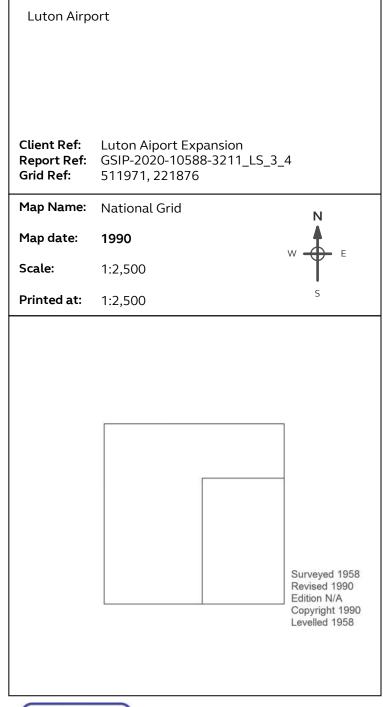


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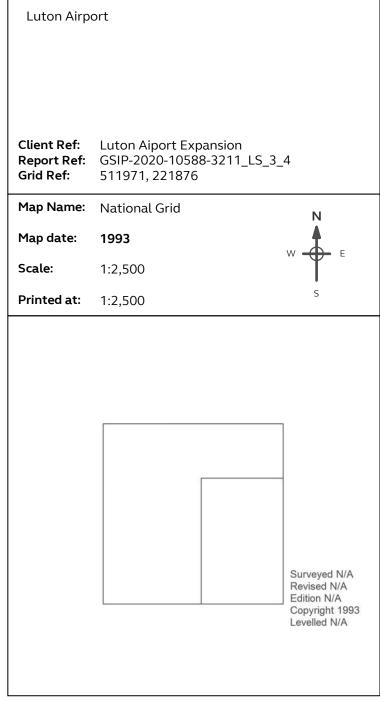
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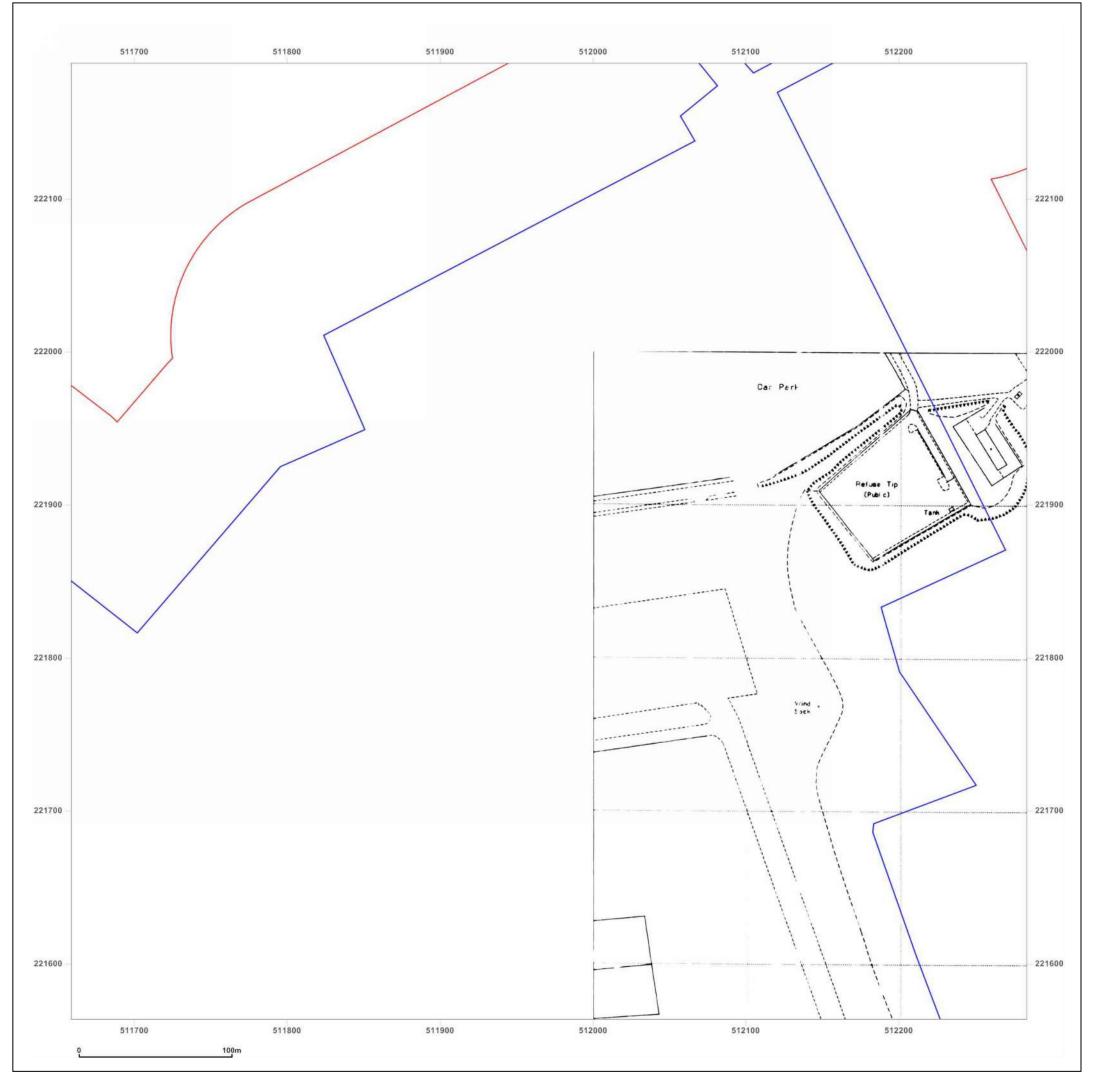




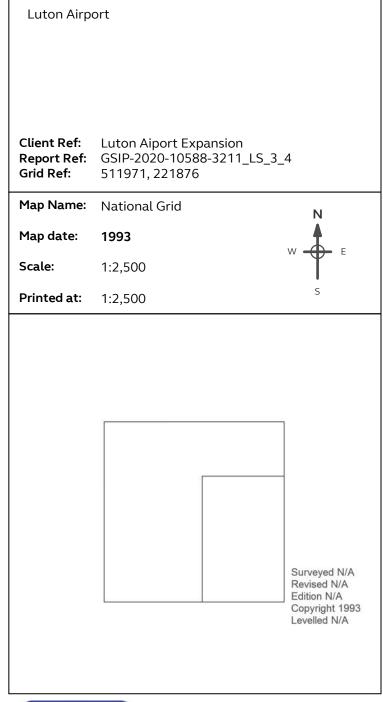
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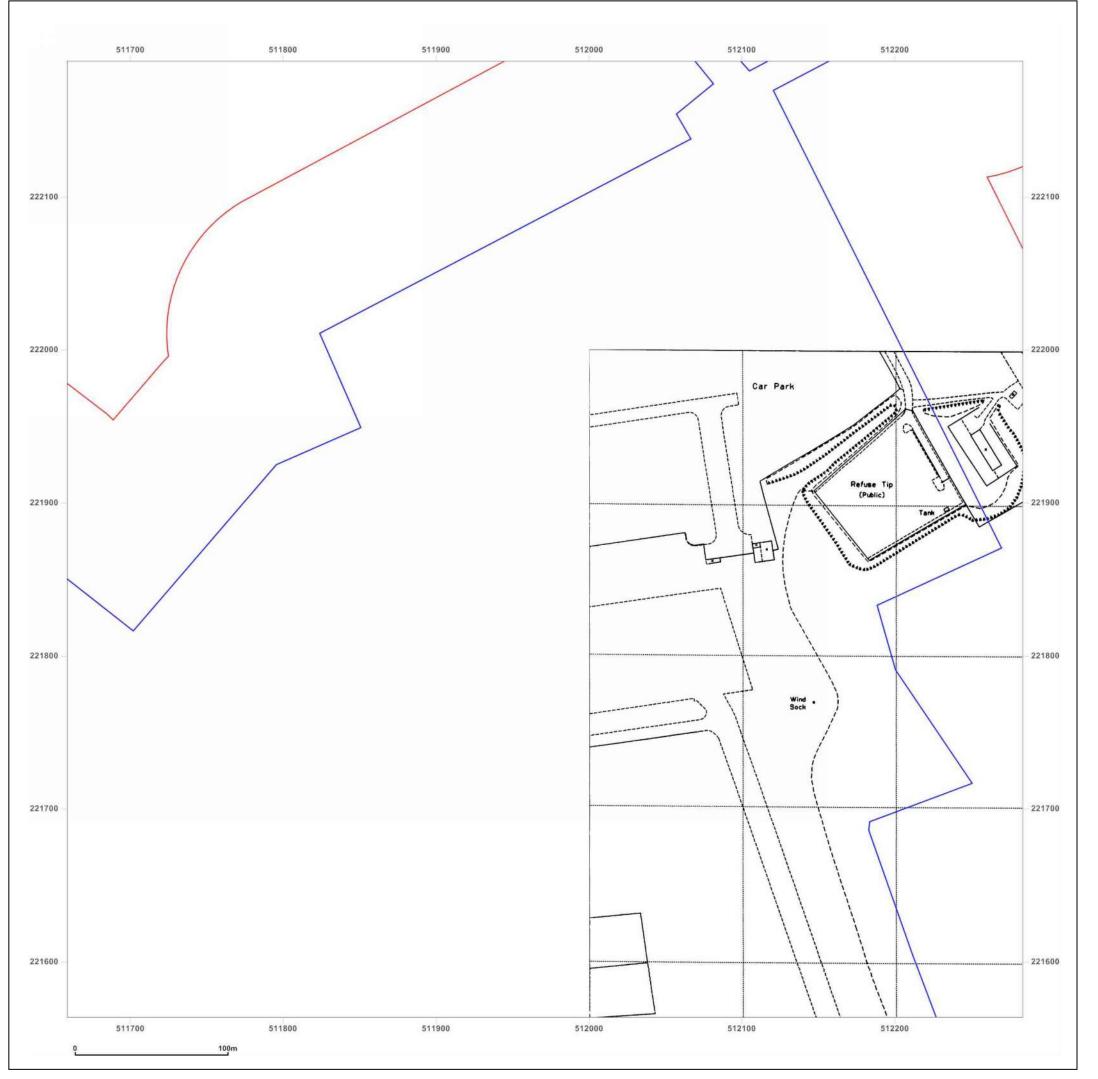




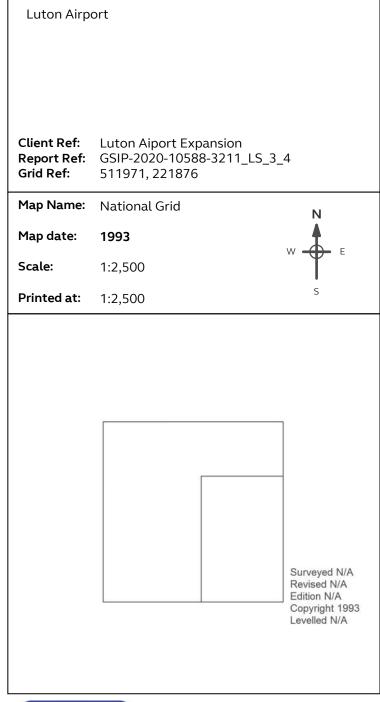
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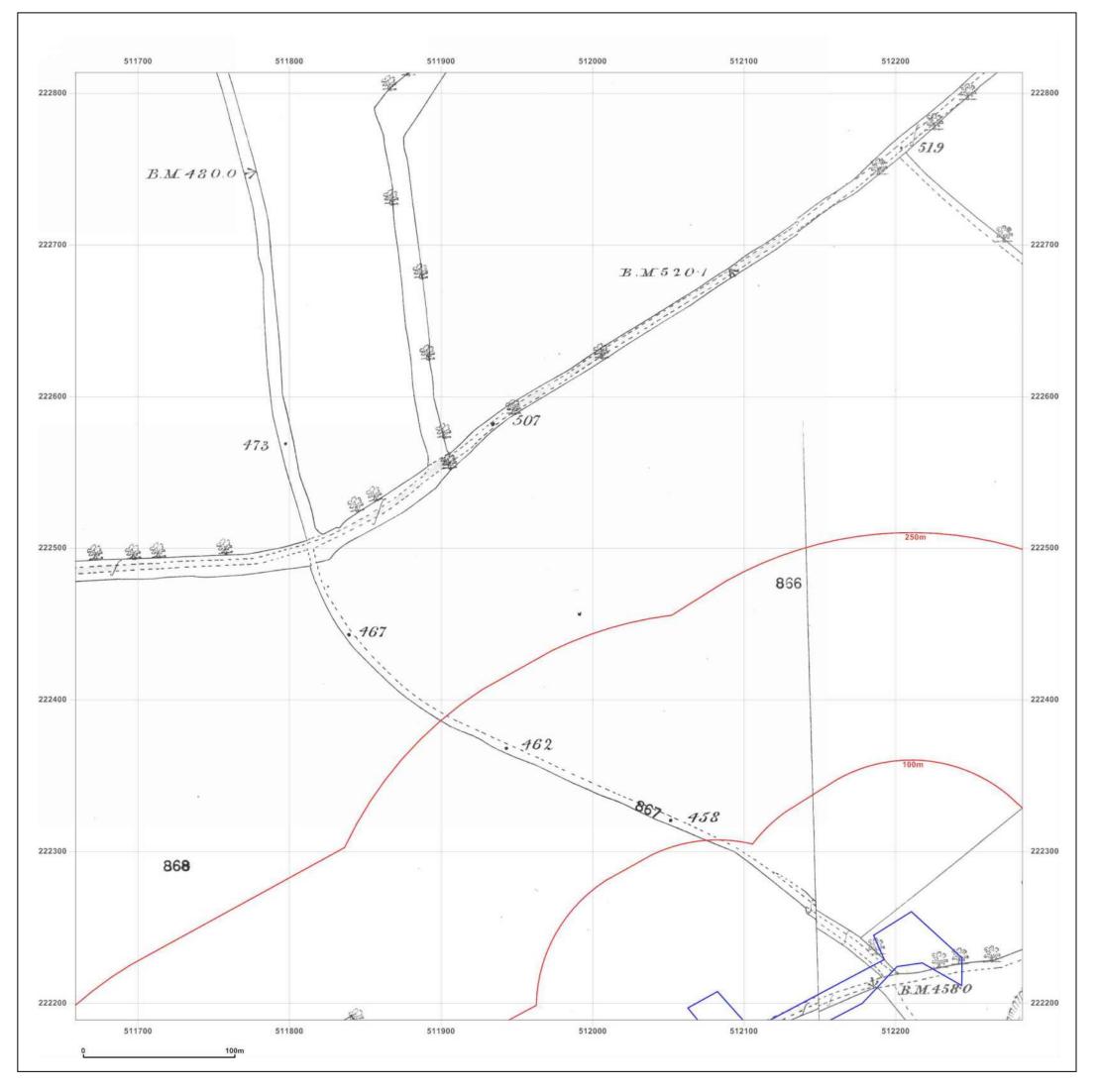




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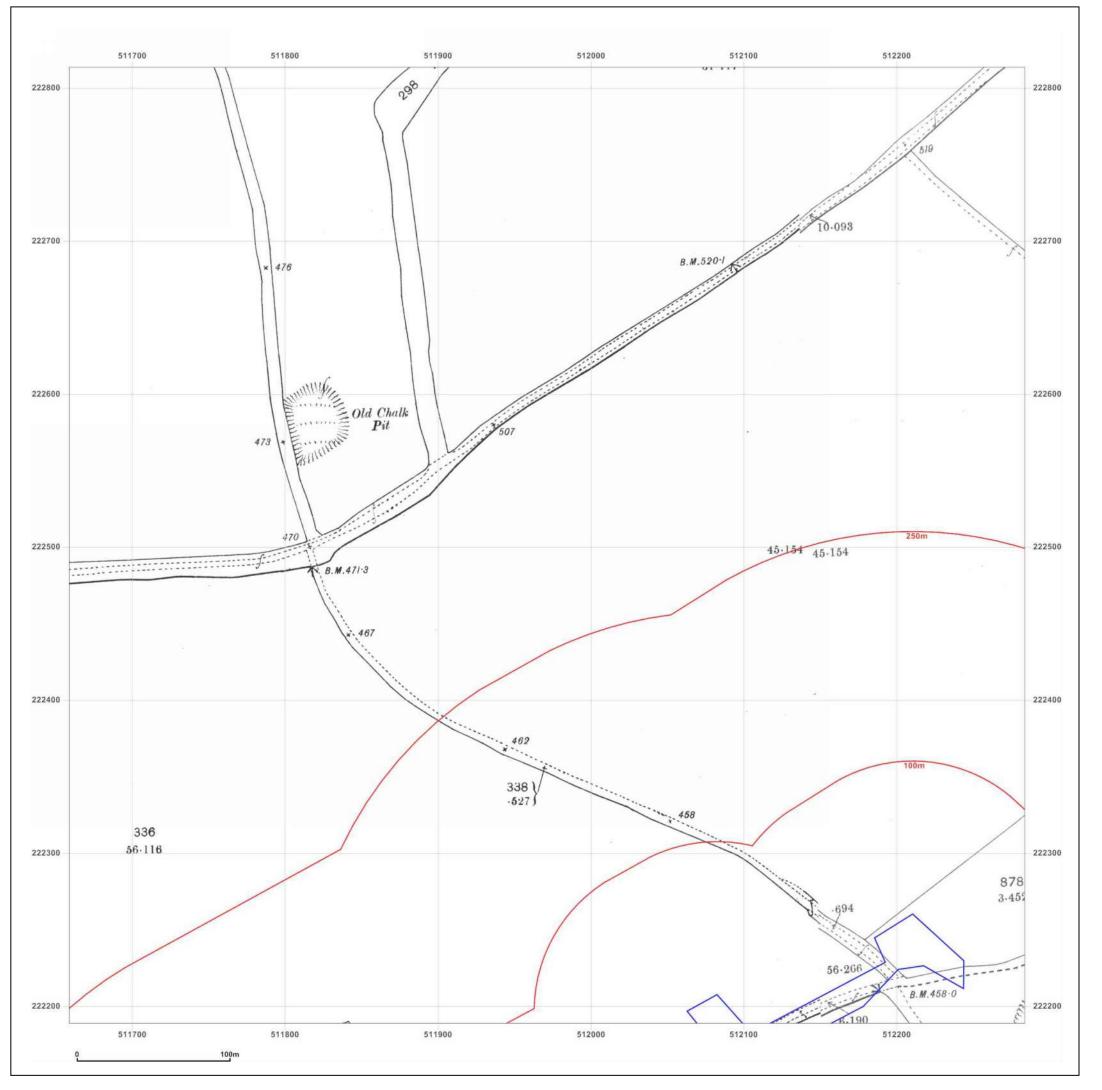


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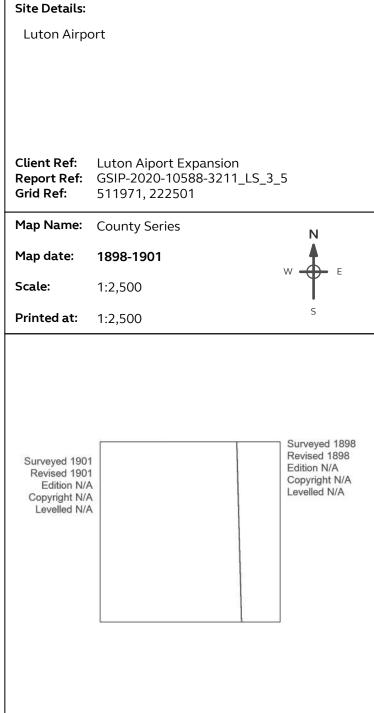


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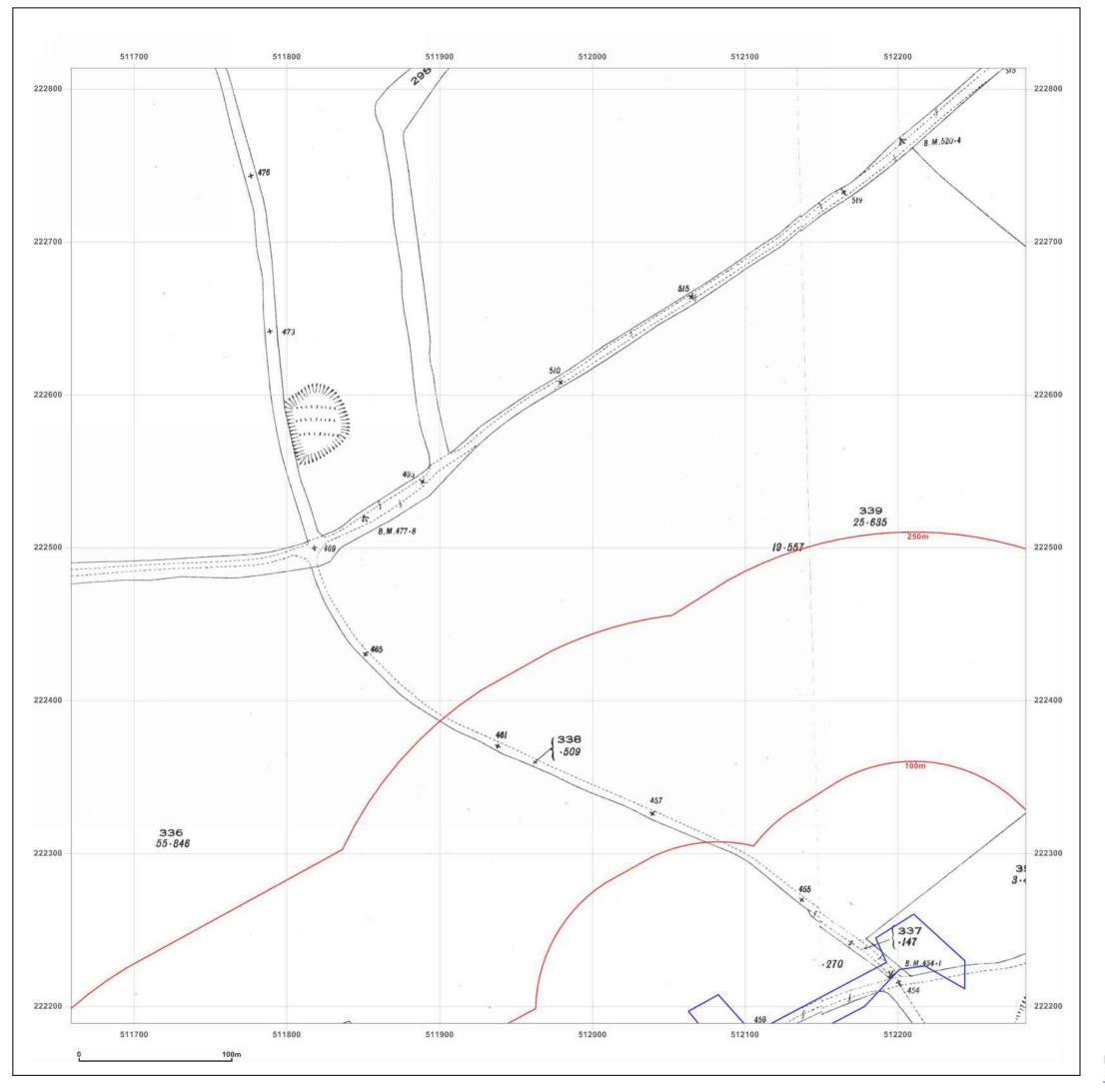






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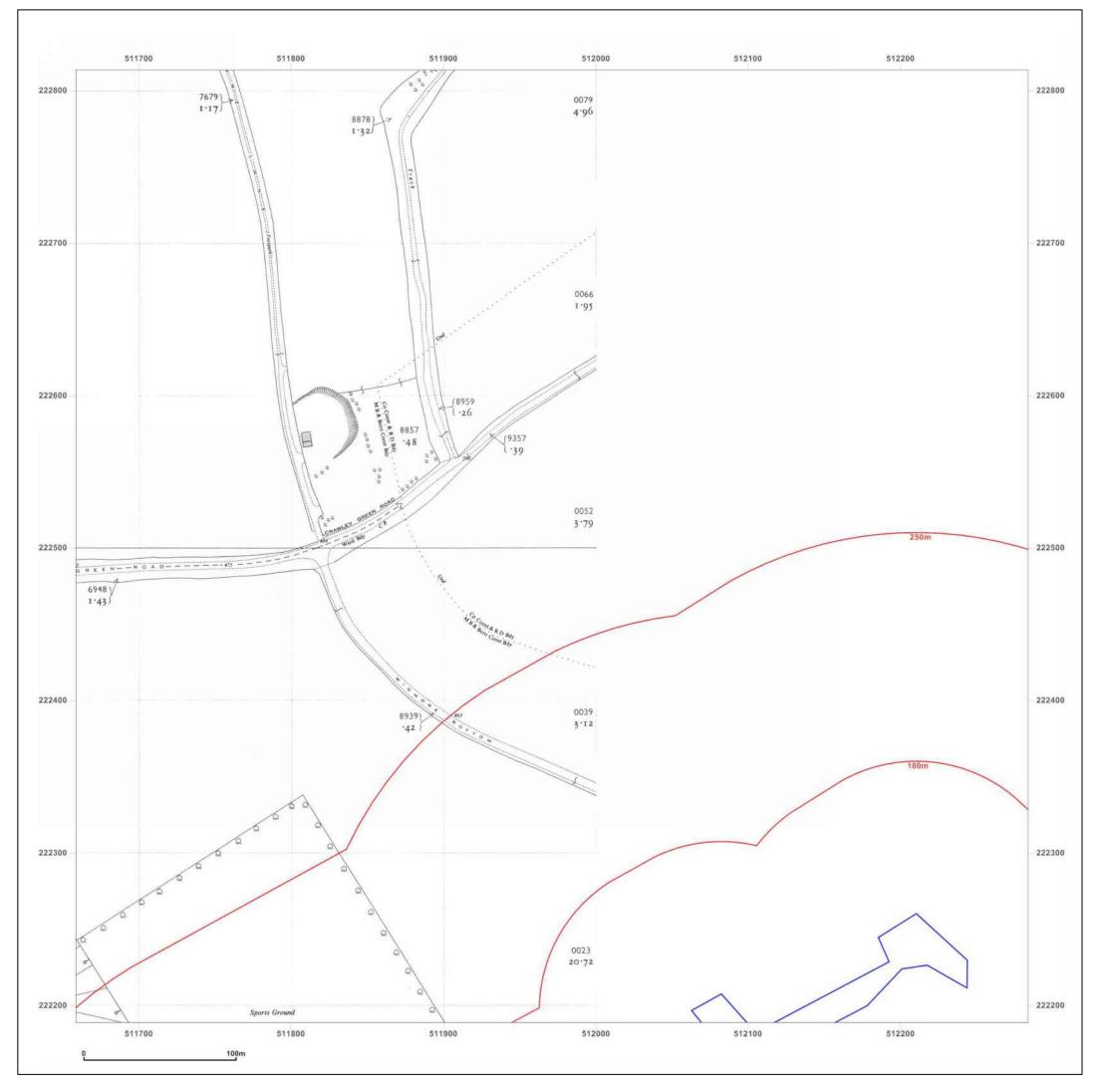
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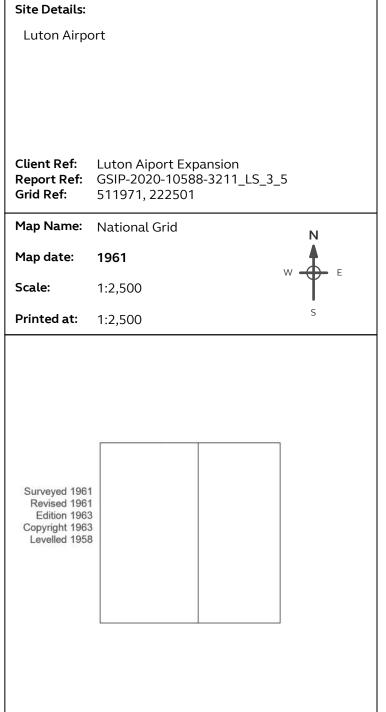
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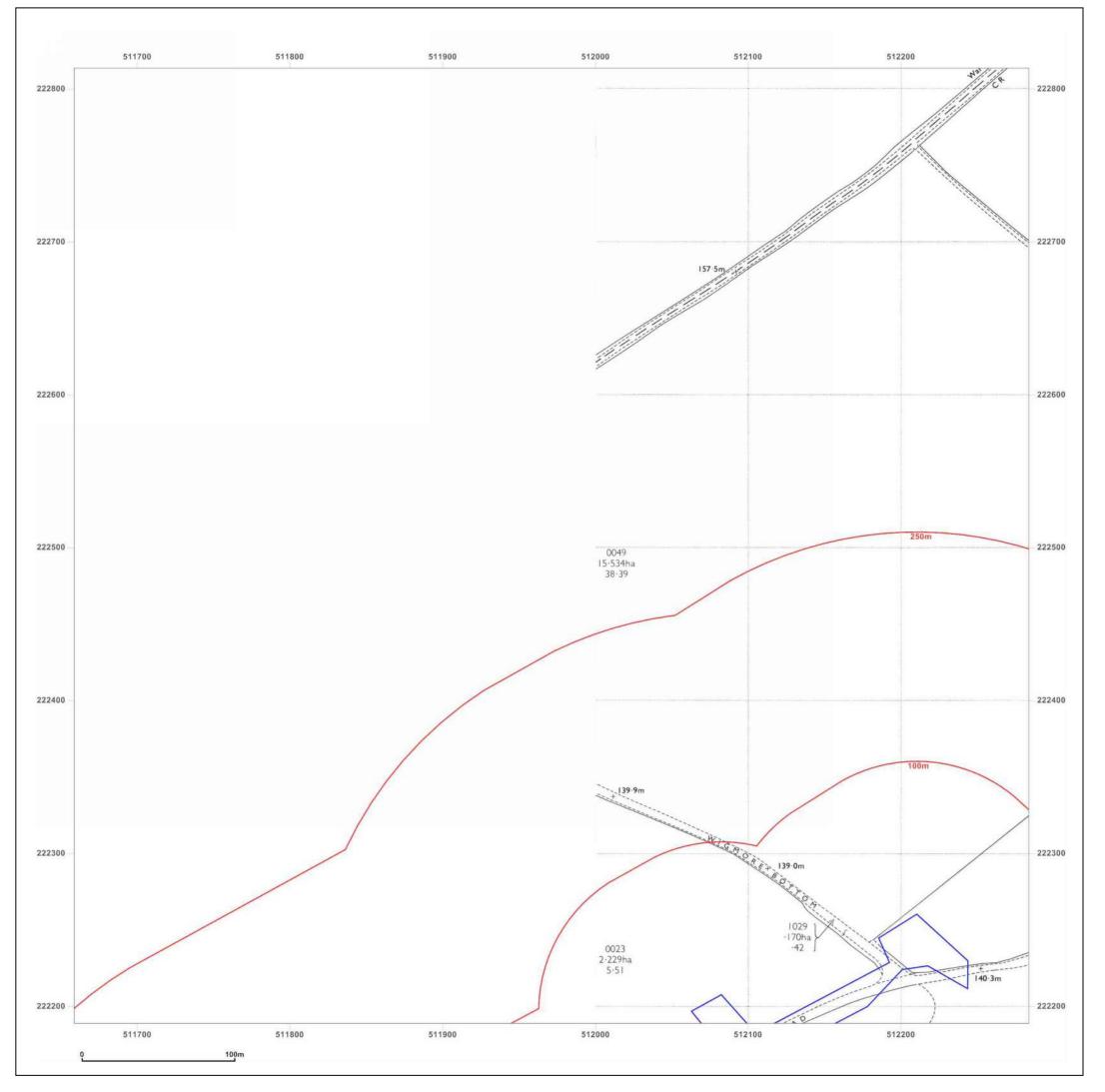




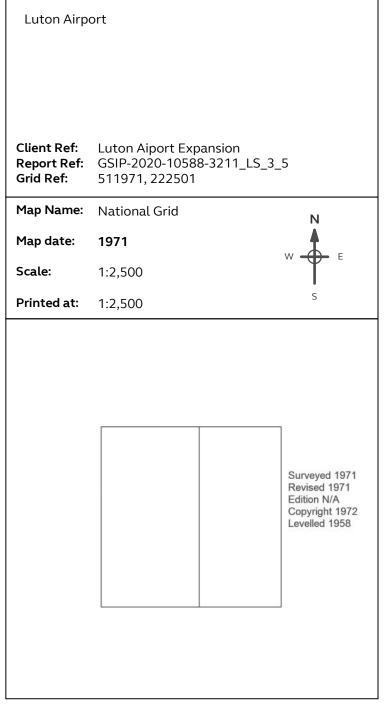


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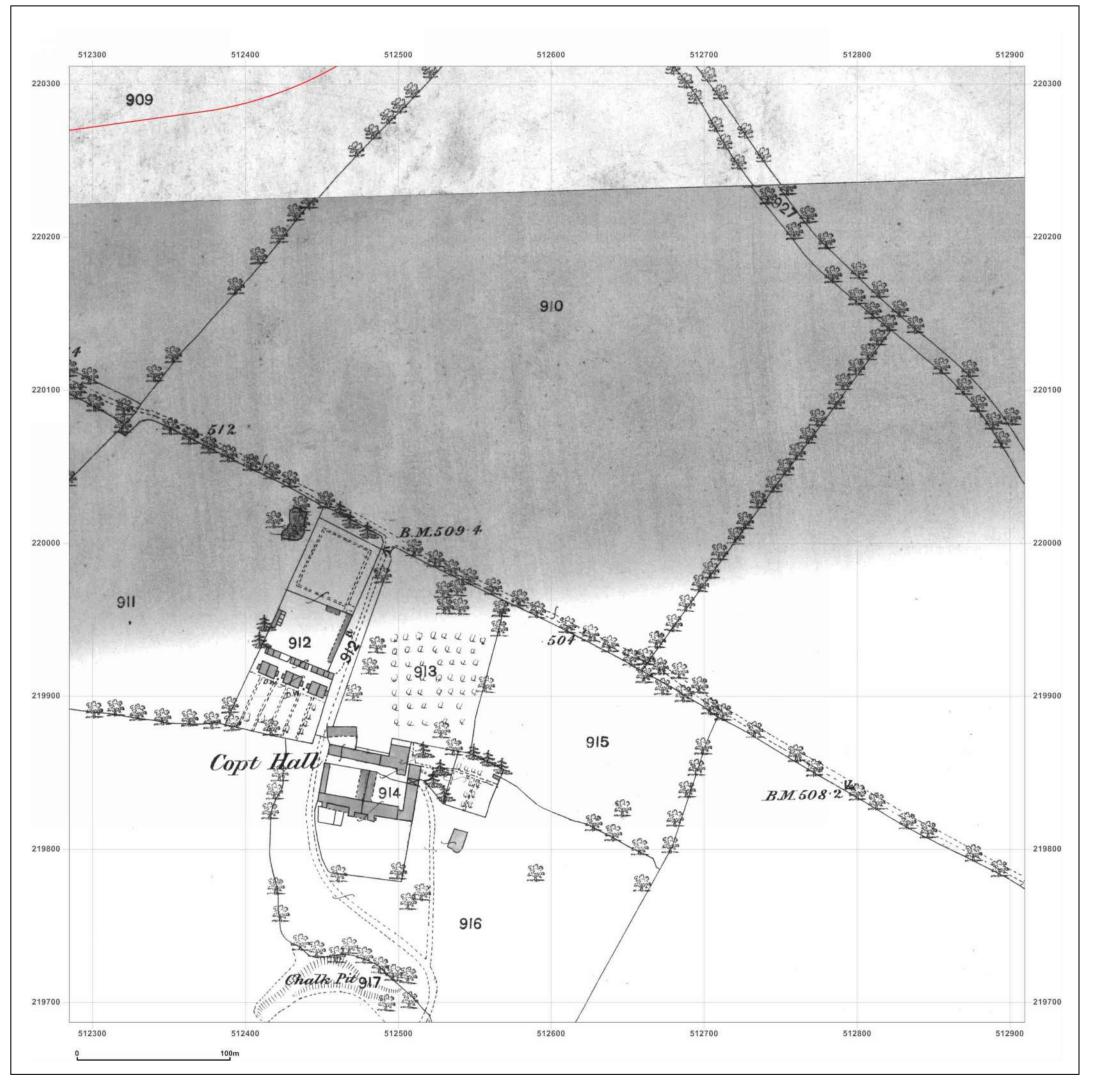




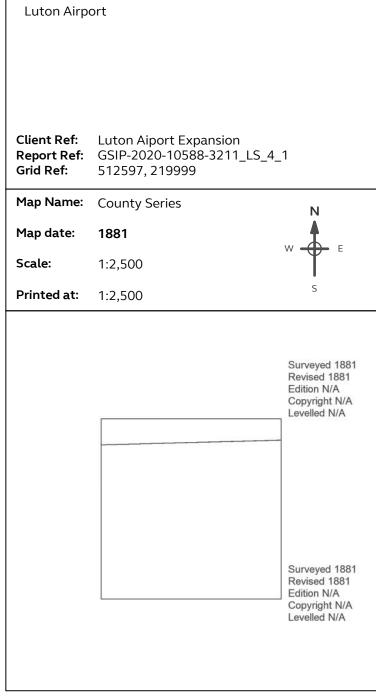
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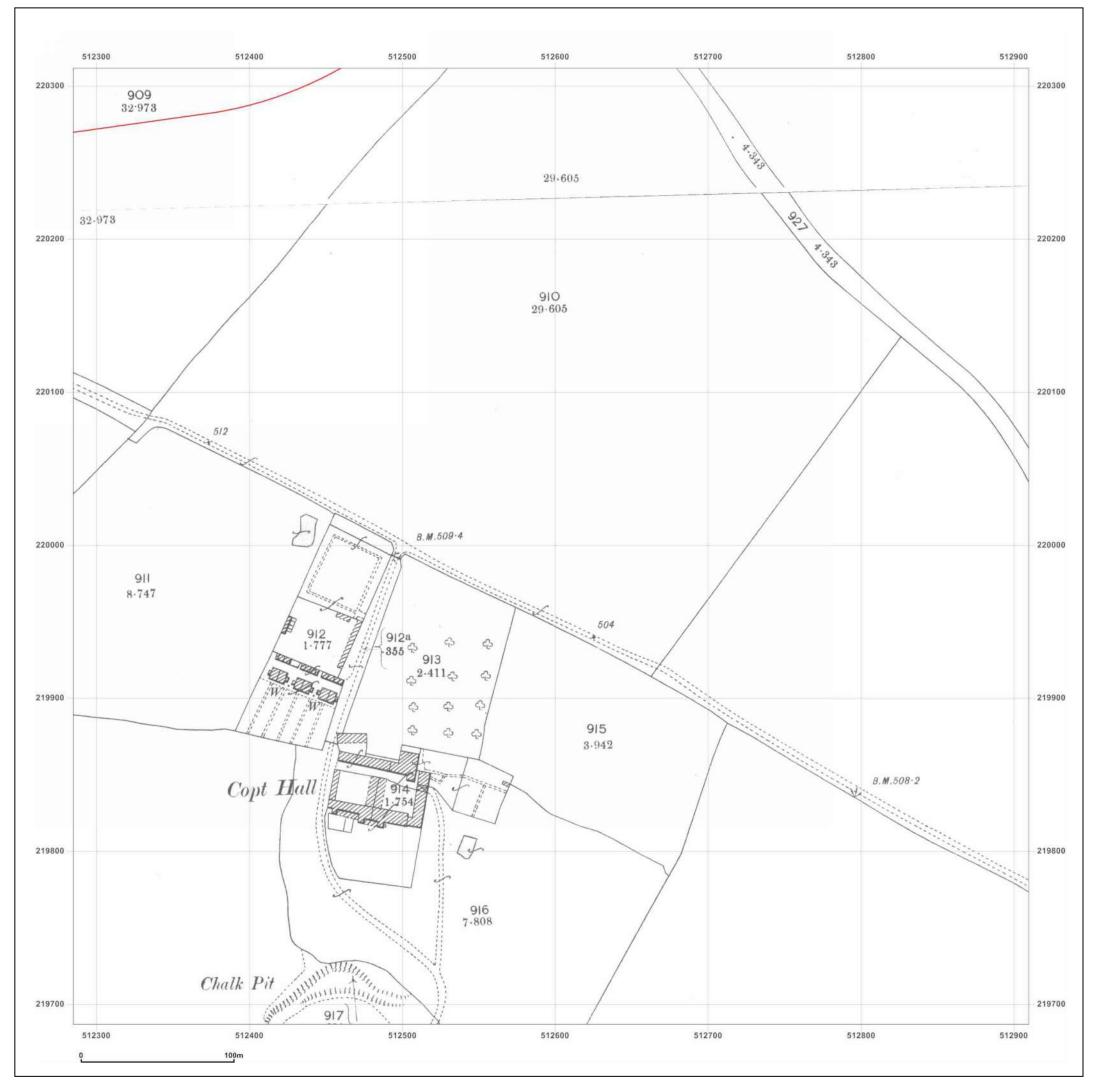




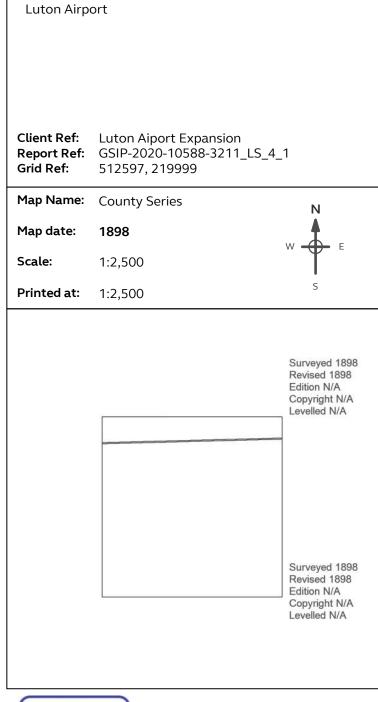
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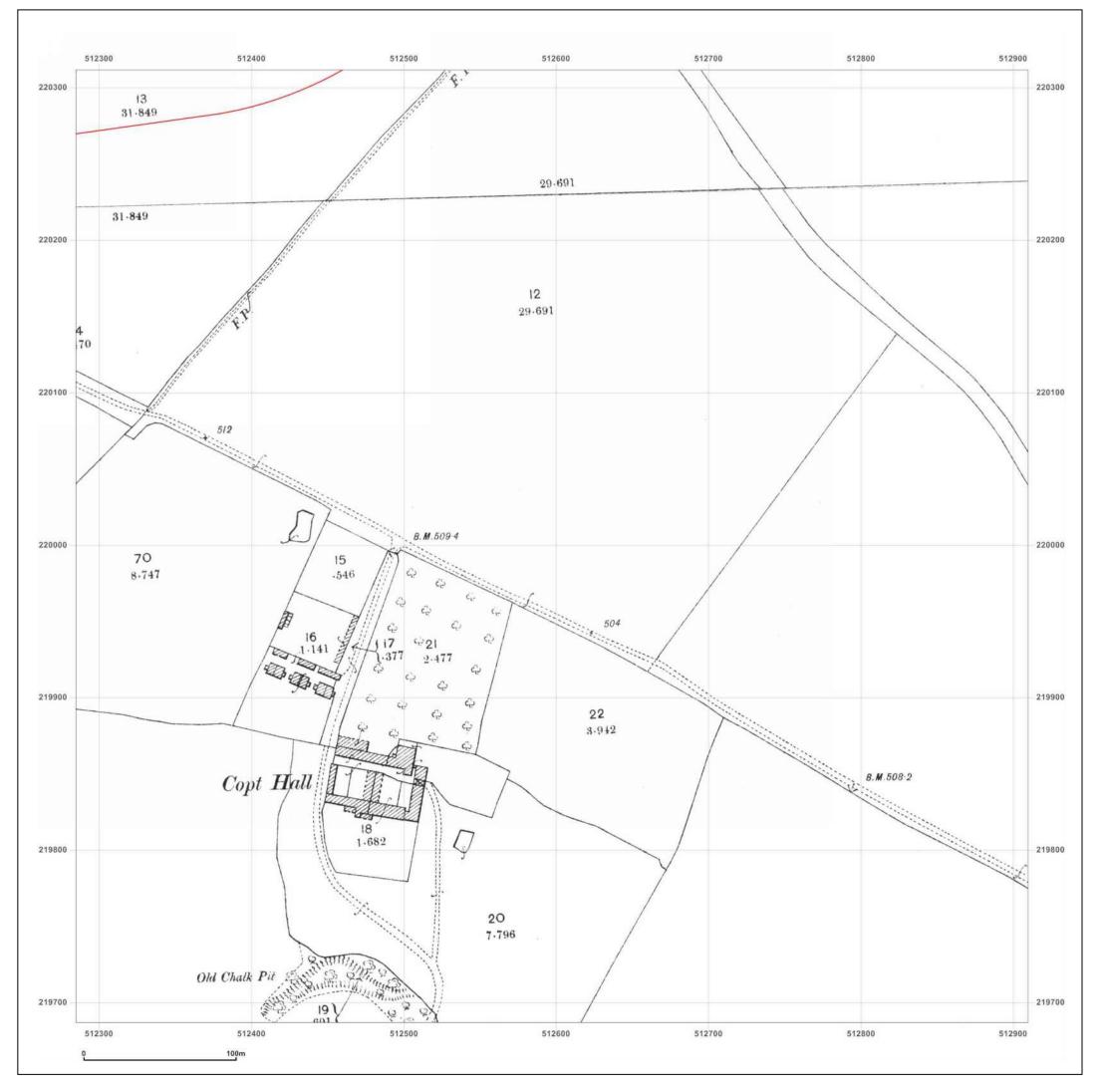




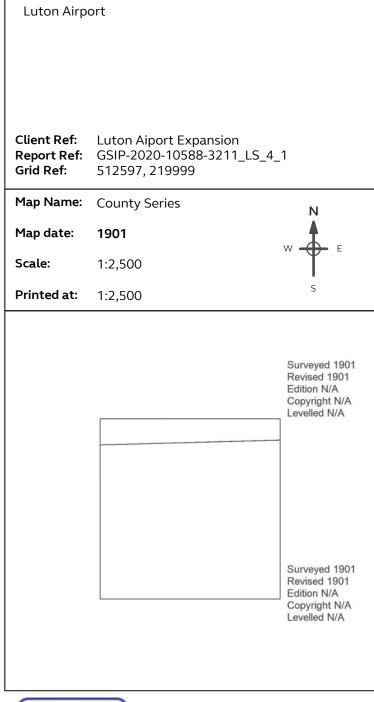
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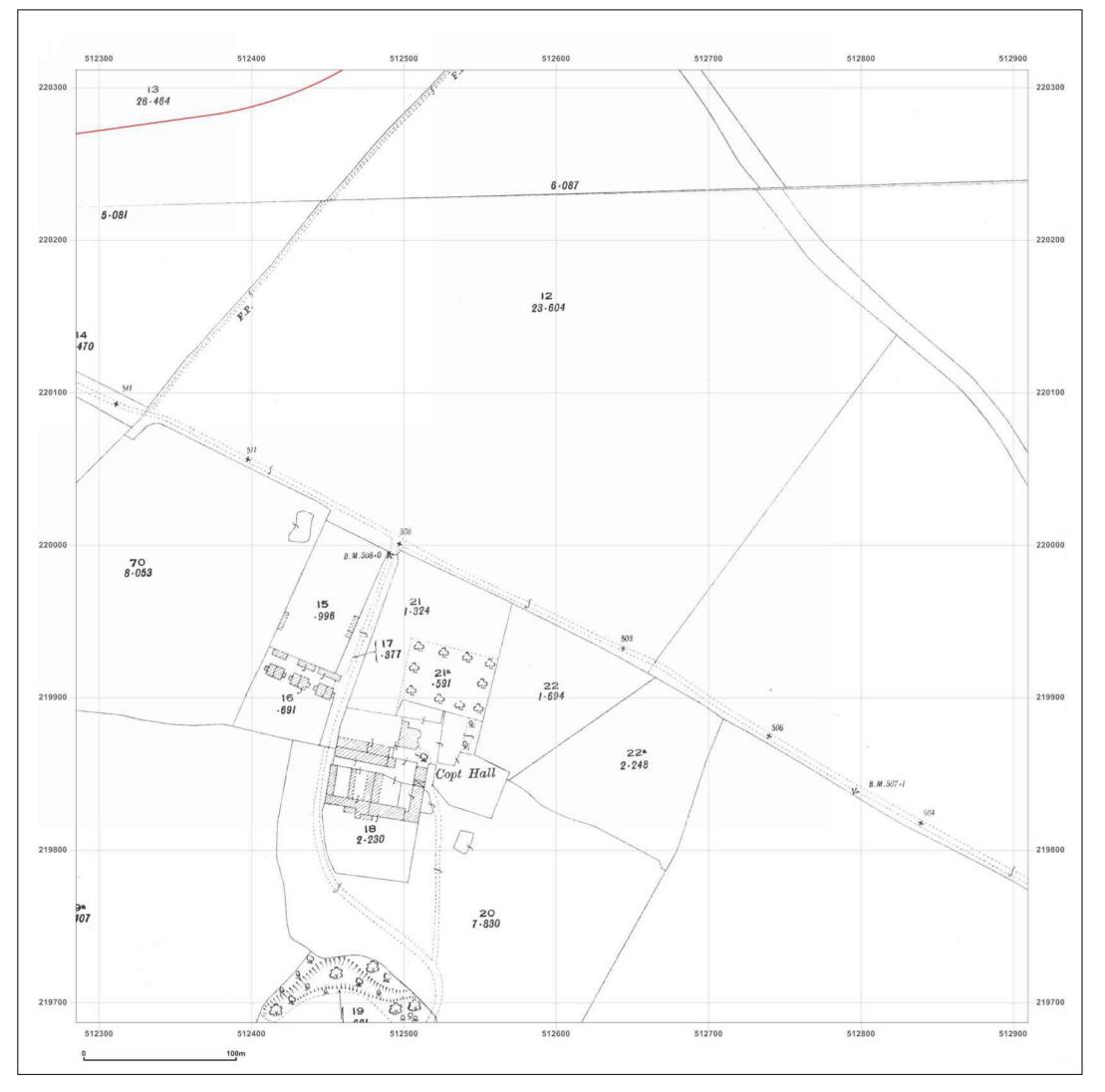




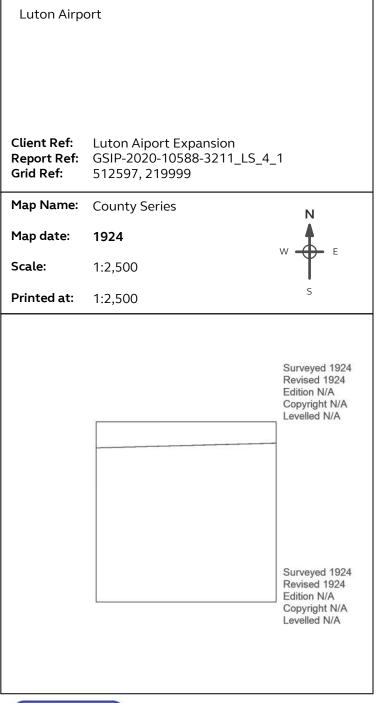
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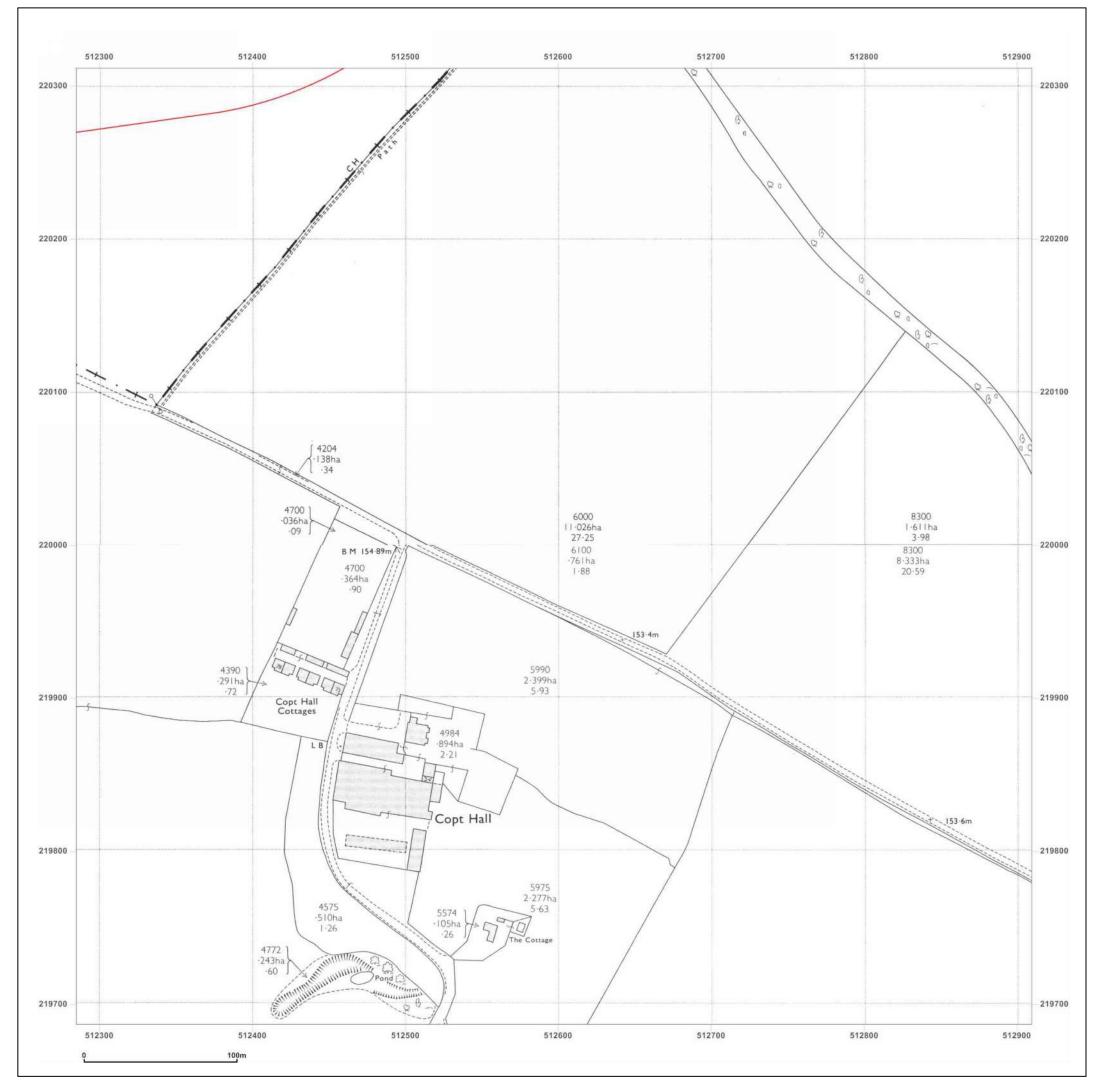




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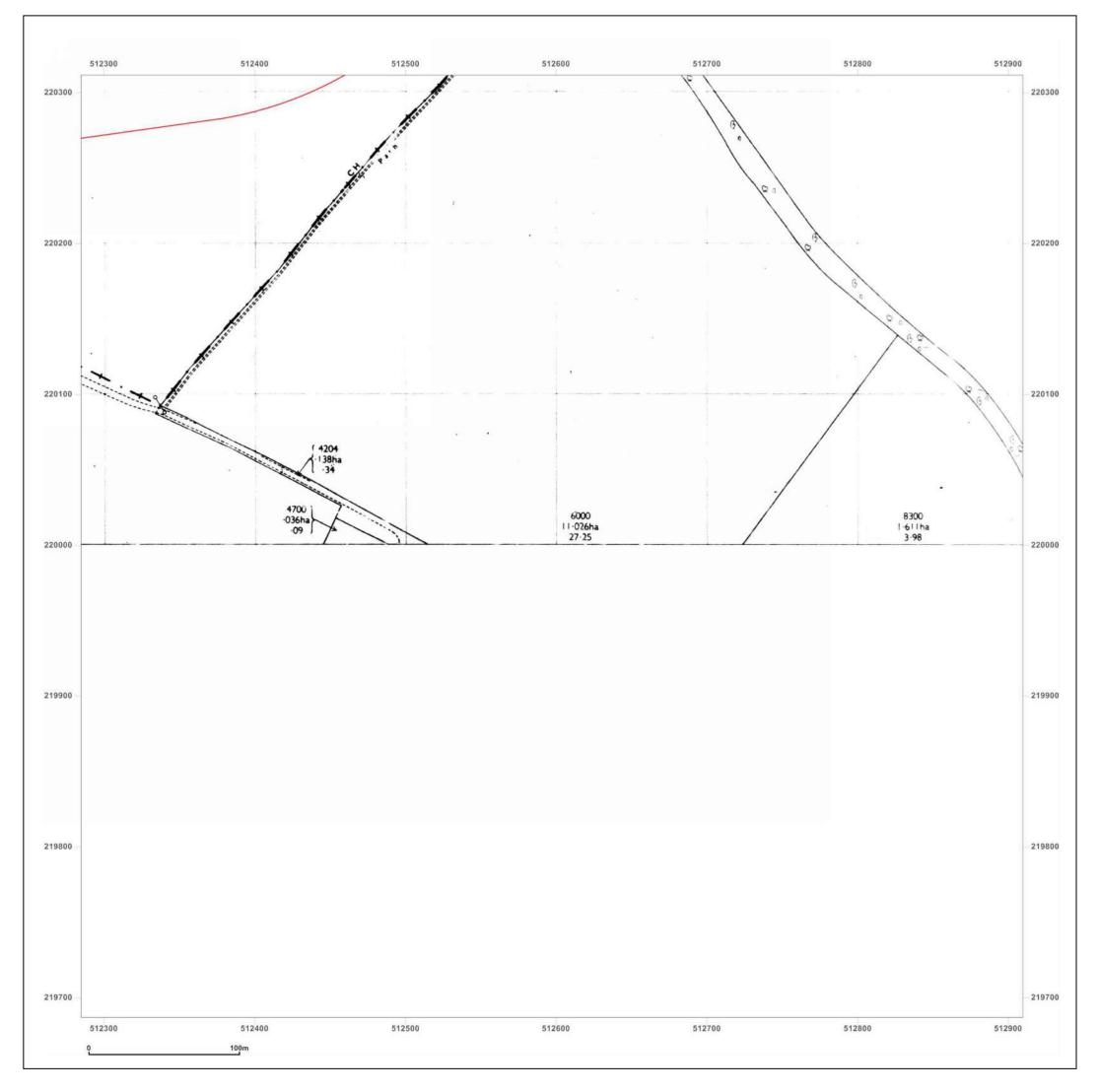
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Report Ref: GSIP-2020-10588-3211_LS_4_1 Grid Ref: 512597, 219999 Map Name: National Grid Map date: 1971 Scale: 1:2,500 Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958			
Report Ref: GSIP-2020-10588-3211_LS_4_1 Grid Ref: 512597, 219999 Map Name: National Grid Map date: 1971 Scale: 1:2,500 Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958			
Report Ref: GSIP-2020-10588-3211_LS_4_1 Grid Ref: 512597, 219999 Map Name: National Grid Map date: 1971 Scale: 1:2,500 Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958			
Map date: 1971 Scale: 1:2,500 Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958	Report Ref:	GSIP-2020-10588-3211_L	S_4_1
Scale: 1:2,500 Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958	Map Name:	National Grid	N
Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958	Map date:	1971	W F
Printed at: 1:2,500 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958	Scale:	1:2,500	" T
Revised 1971 Edition N/A Copyright 1972 Levelled 1958	Printed at:	1:2,500	S
Revised 1971 Edition N/A Copyright 1972 Levelled 1958			Revised 1971 Edition N/A Copyright 1972 Levelled 1958 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972



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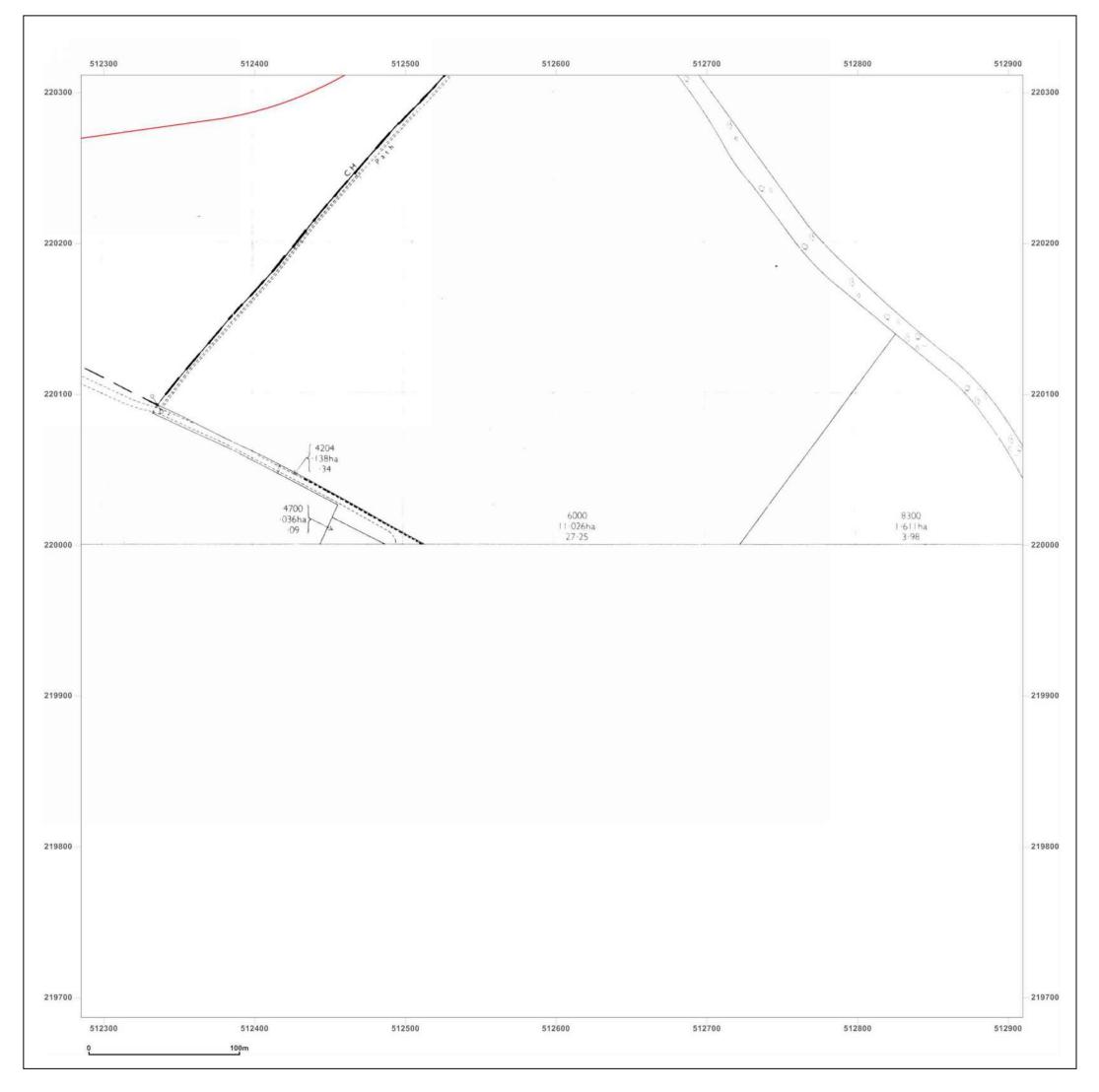
Luton Airpo	ort
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Map Name:	National Grid N
Map date:	1973
Scale:	1:2,500
Printed at:	1:2,500 S
	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A



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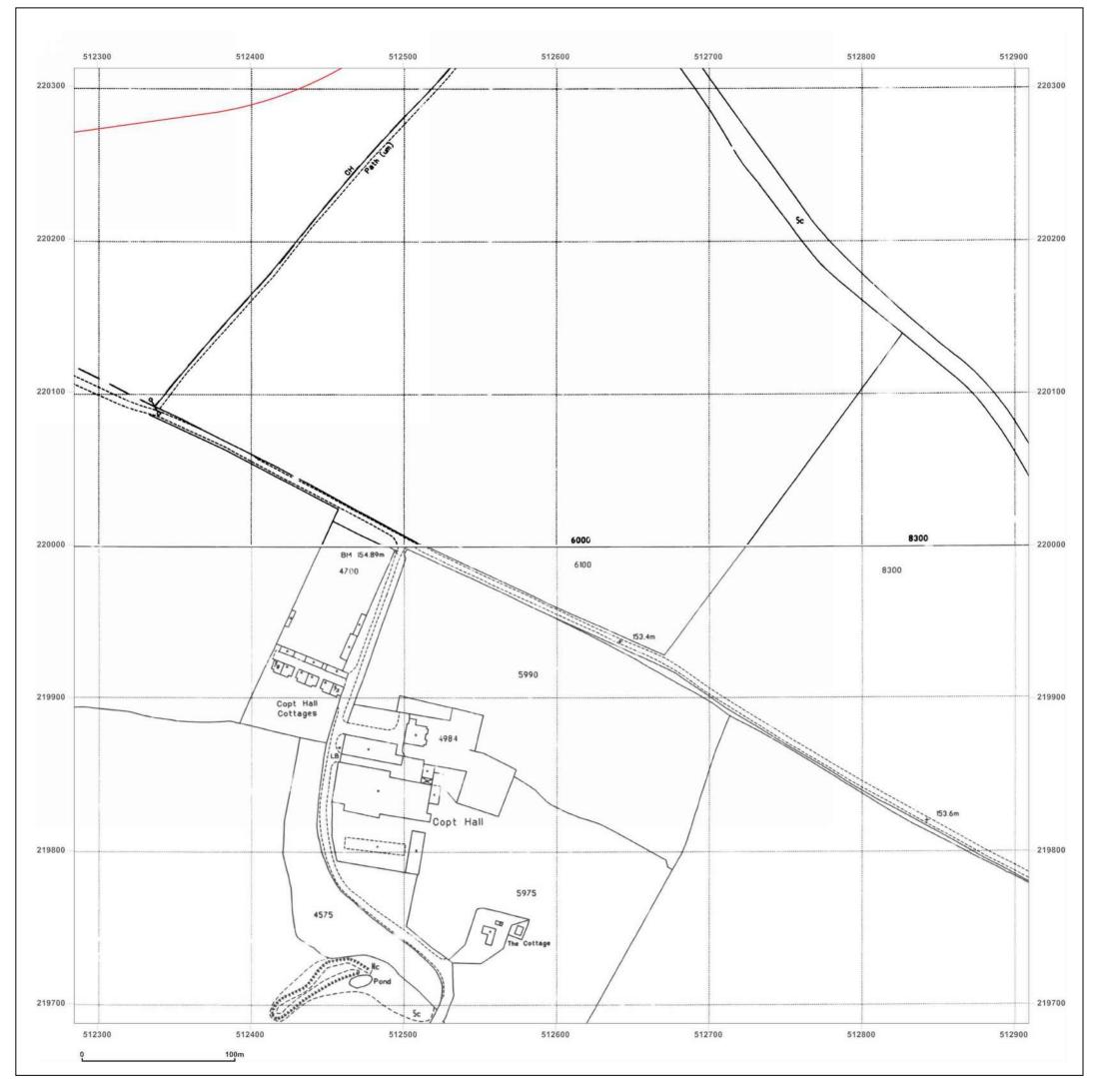


Site Details:			
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Map date:	1990		
Scale:	1:2,500		
Printed at:	1:2,500 S		
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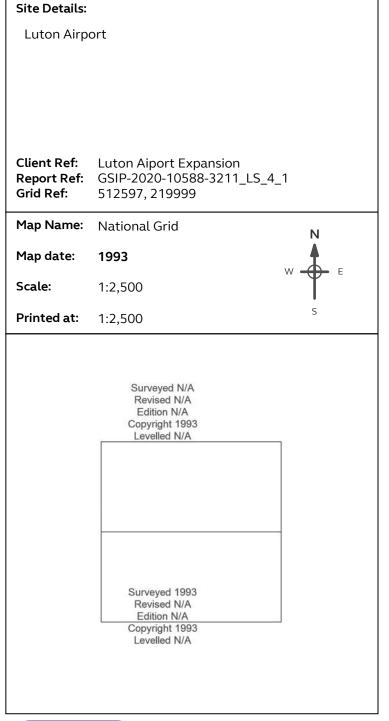


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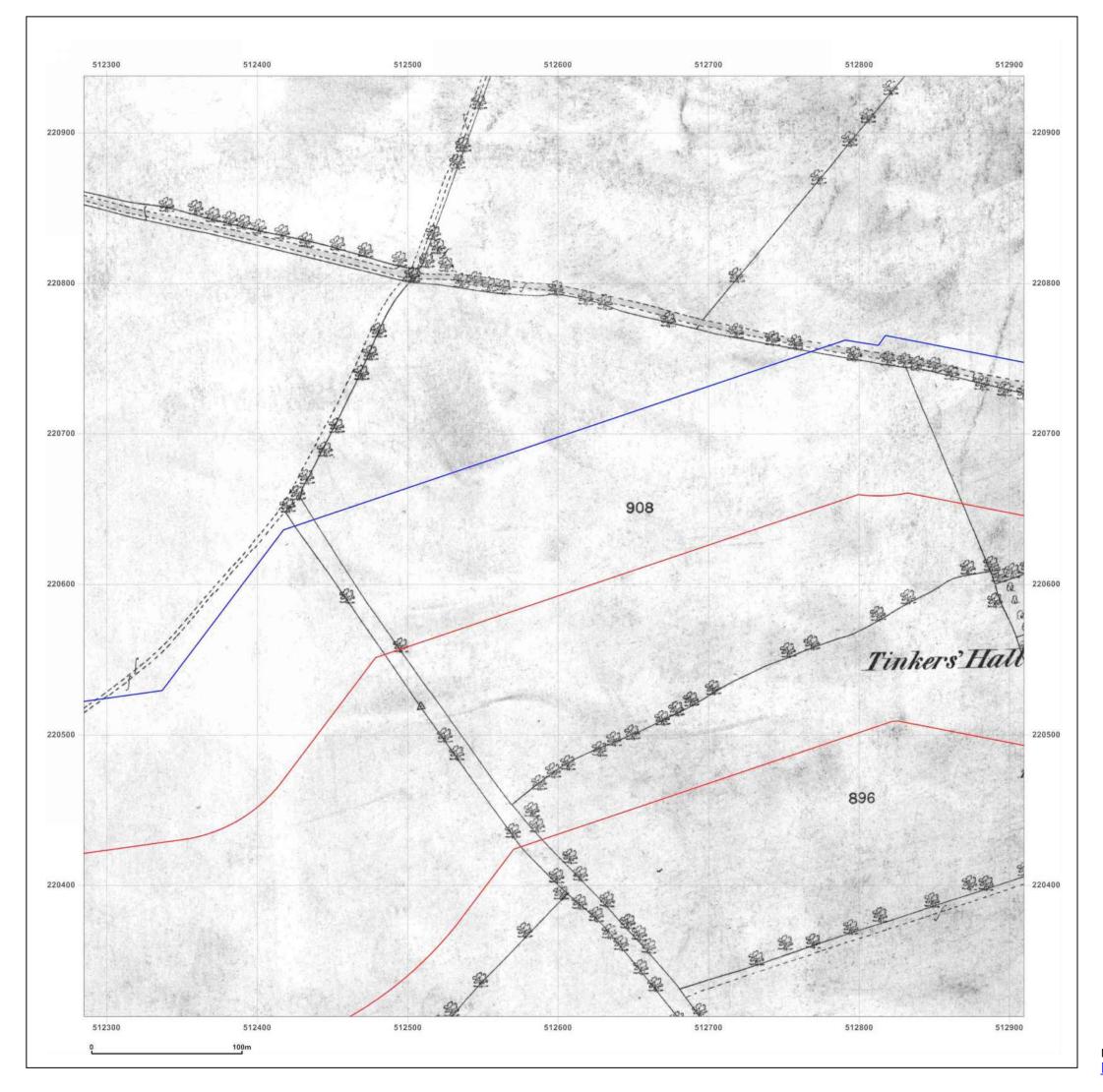






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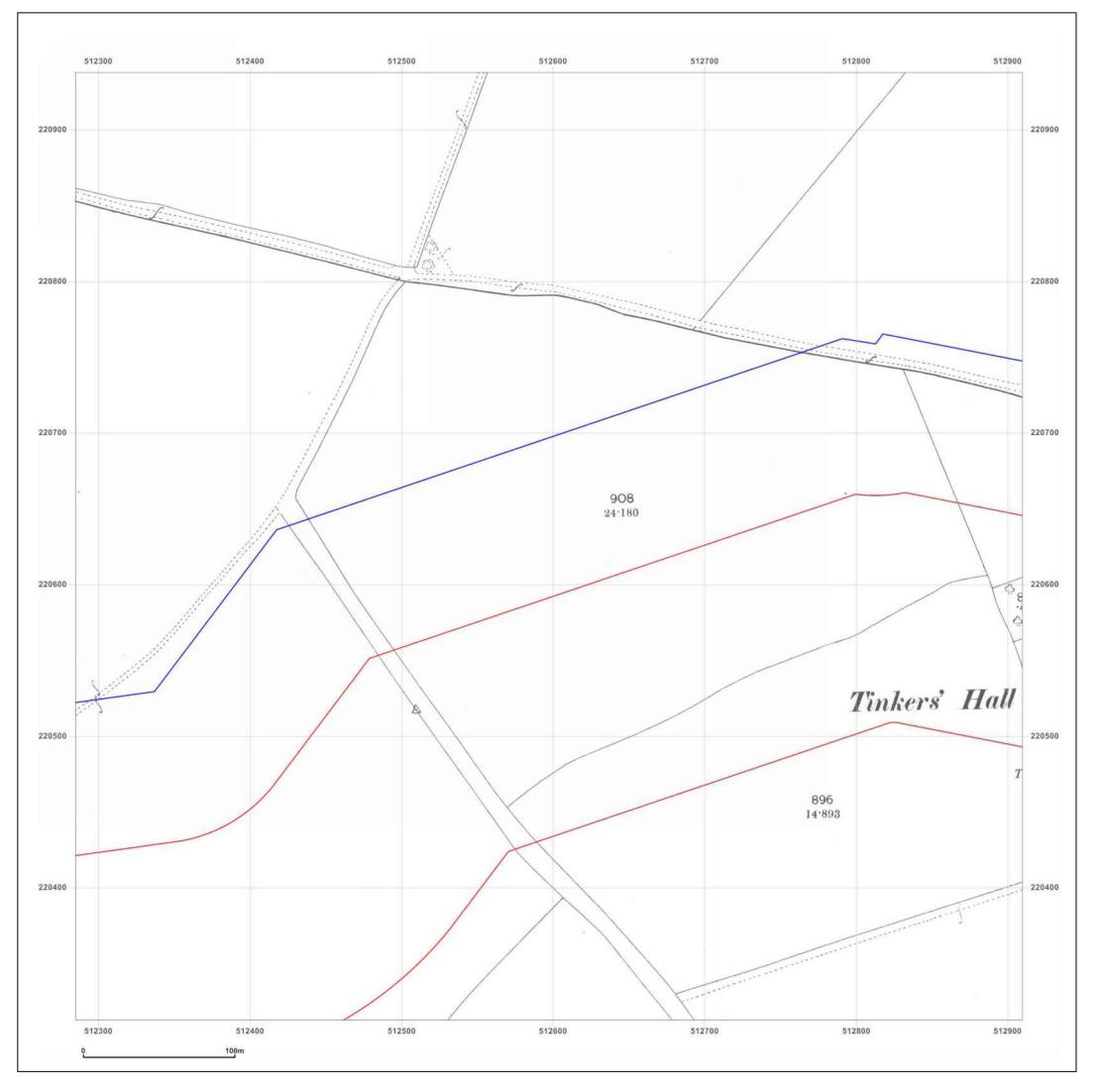


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Map Name:	County Series	N
Map date:	1881	W E
Scale:	1:2,500	·· •
Printed at:	1:2,500	S
		Surveyed 1881 Revised 1881 Edition N/A Copyright N/A Levelled N/A



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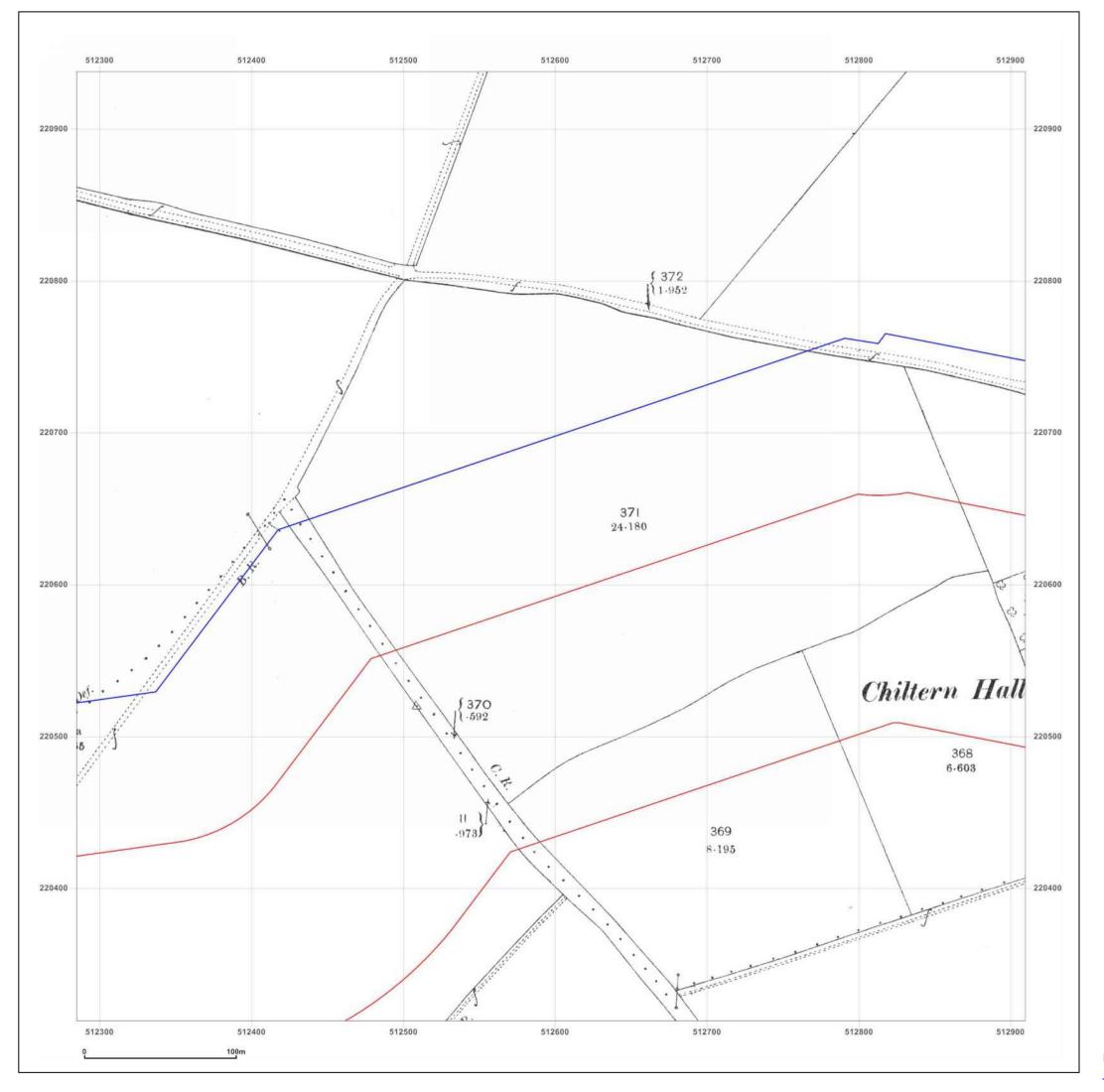
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Map date:	1898	W E
Scale:	1:2,500	··
Printed at:	1:2,500	S
		Surveyed 1898 Revised 1898 Edition N/A Copyright N/A Levelled N/A



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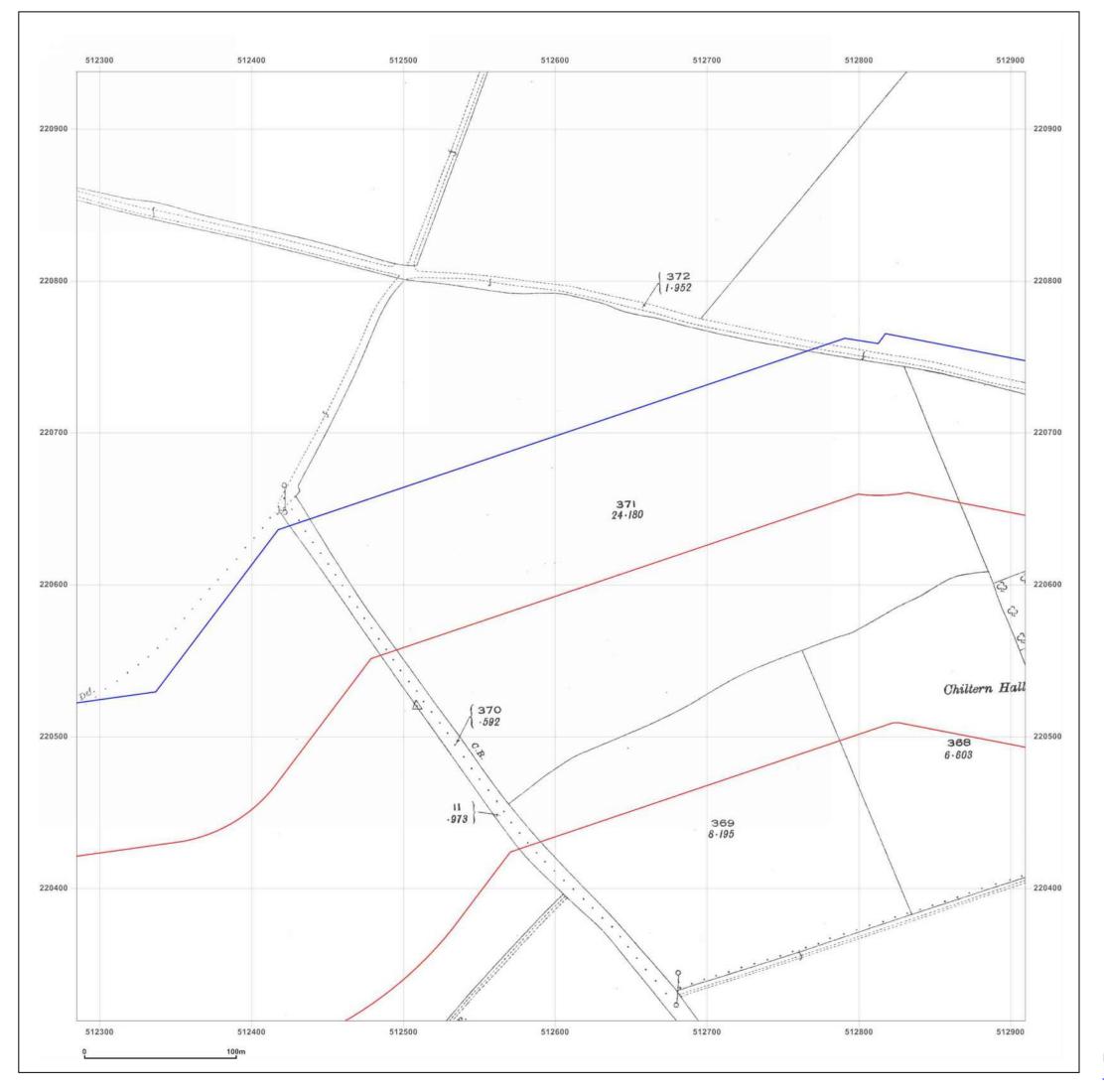
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Map Name:	County Series	N
Map date:	1901	W E
Scale:	1:2,500	" T '
Printed at:	1:2,500	S
		Surveyed 1901 Revised 1901 Edition N/A Copyright N/A Levelled N/A



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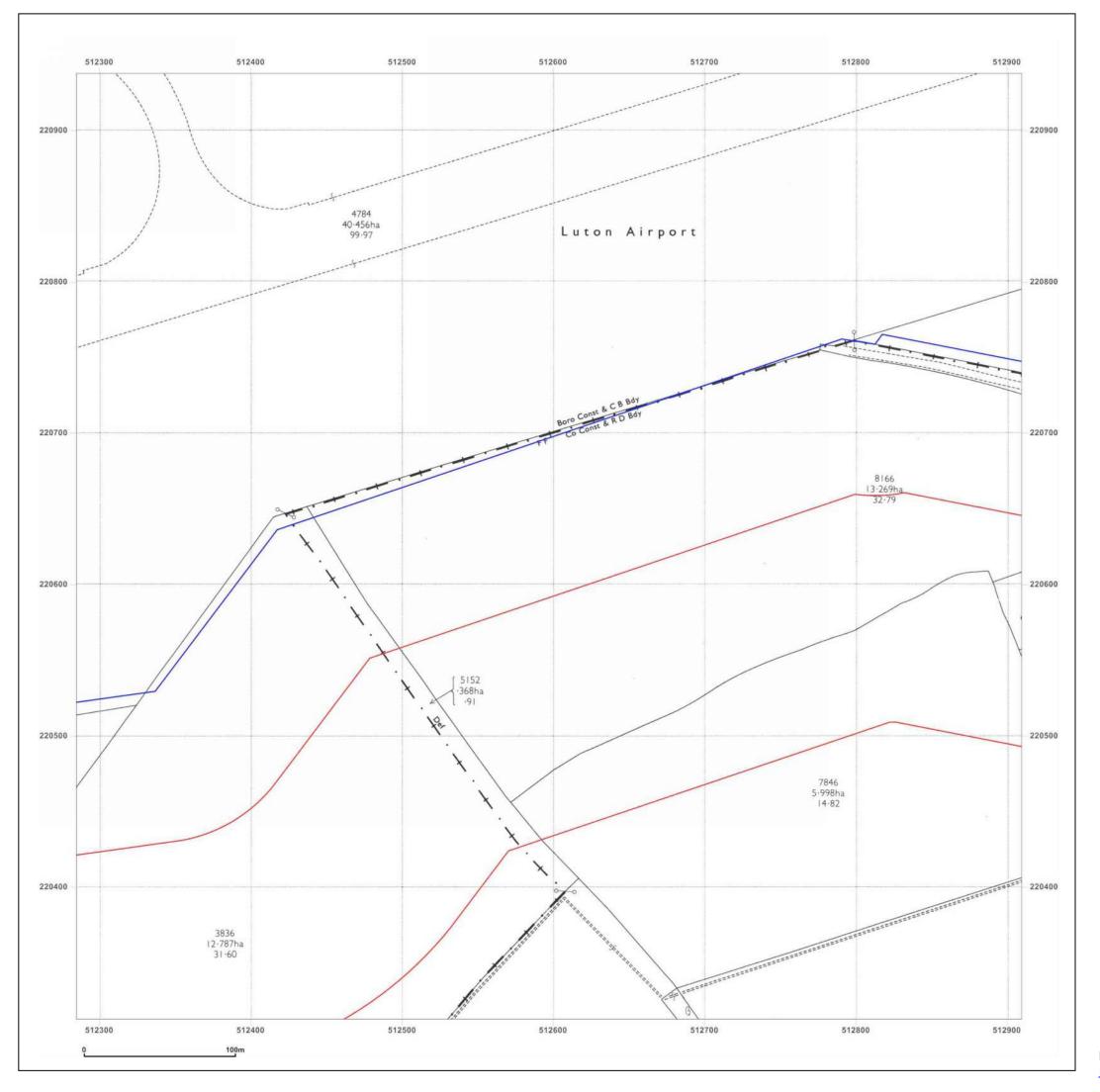


Site Details:		
Luton Airp	ort	
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Map Name:	County Series	N
Map date:	1924	W F
Scale:	1:2,500	
Printed at:	1:2,500	S
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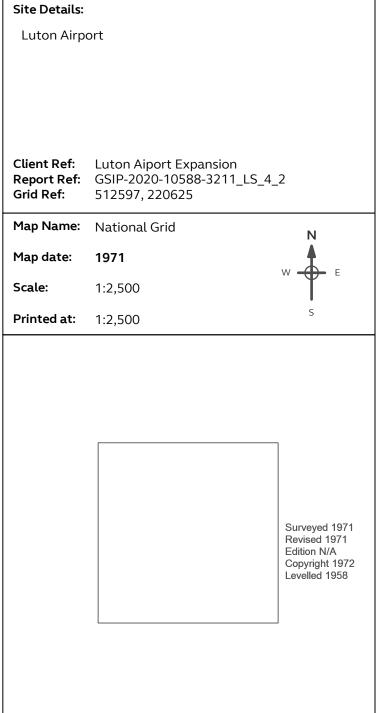


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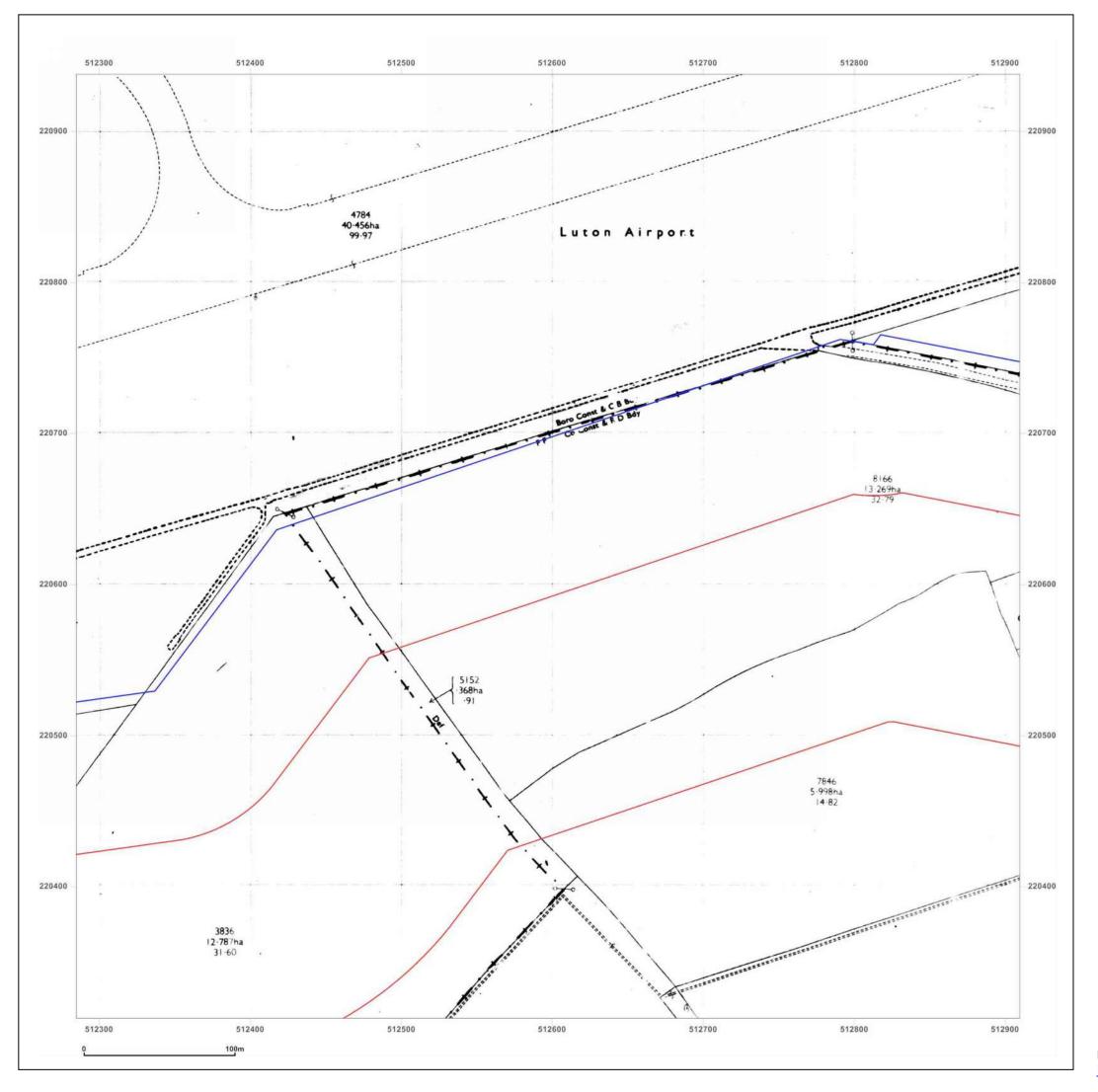




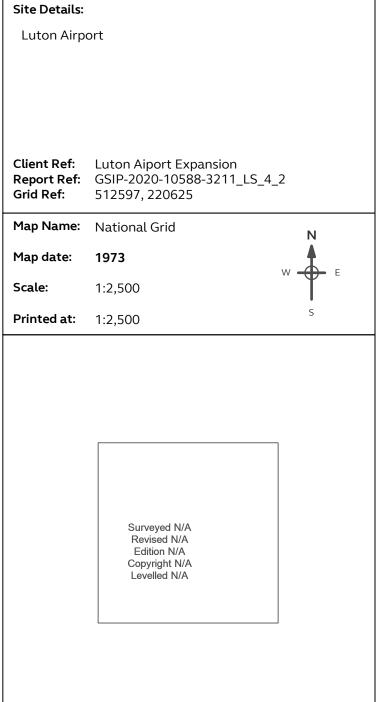


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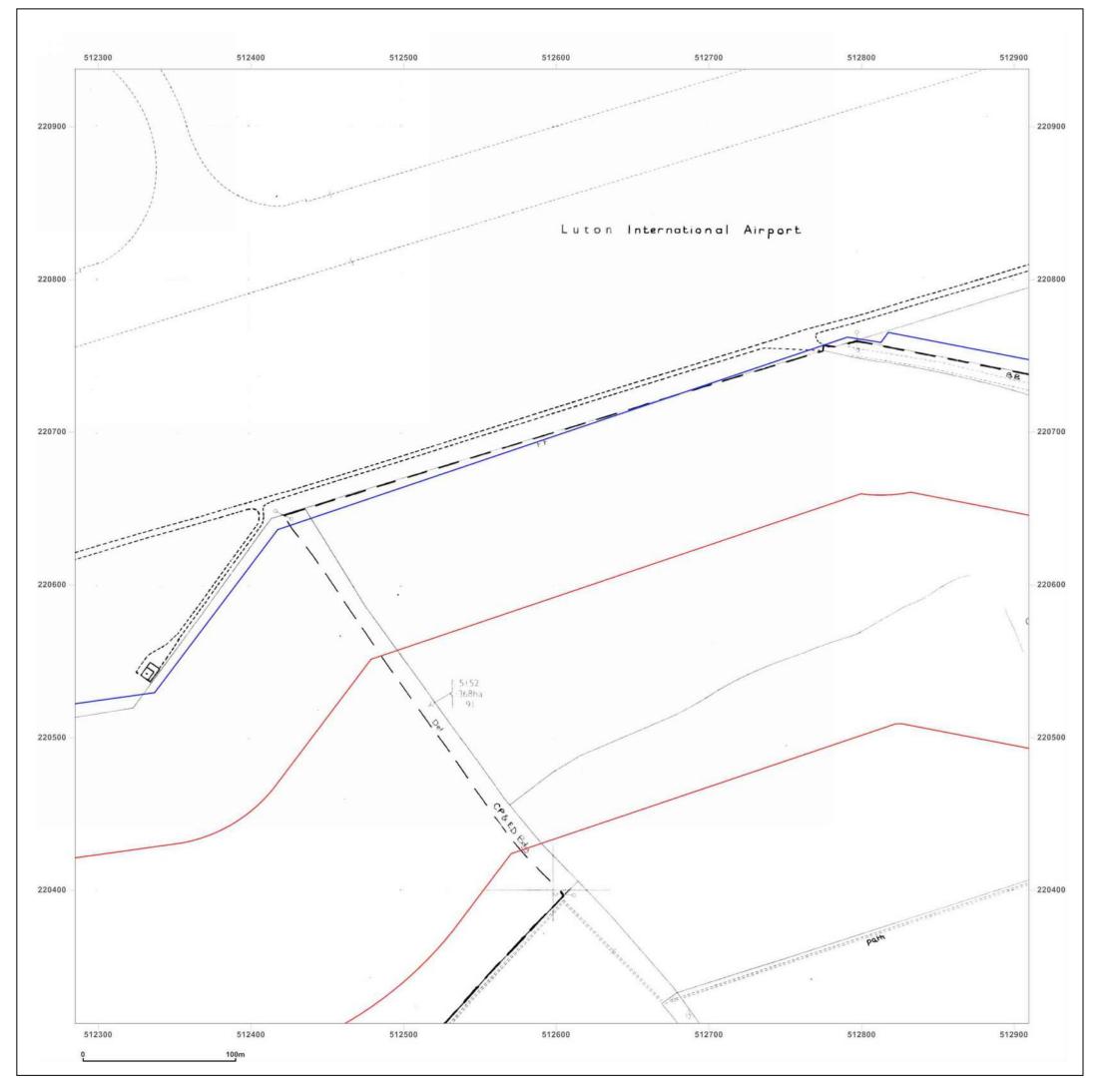




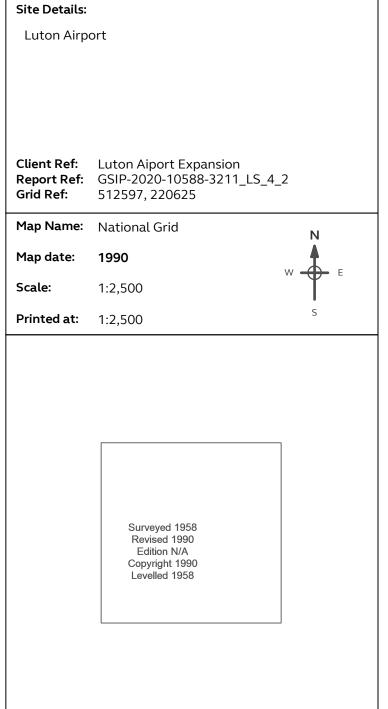


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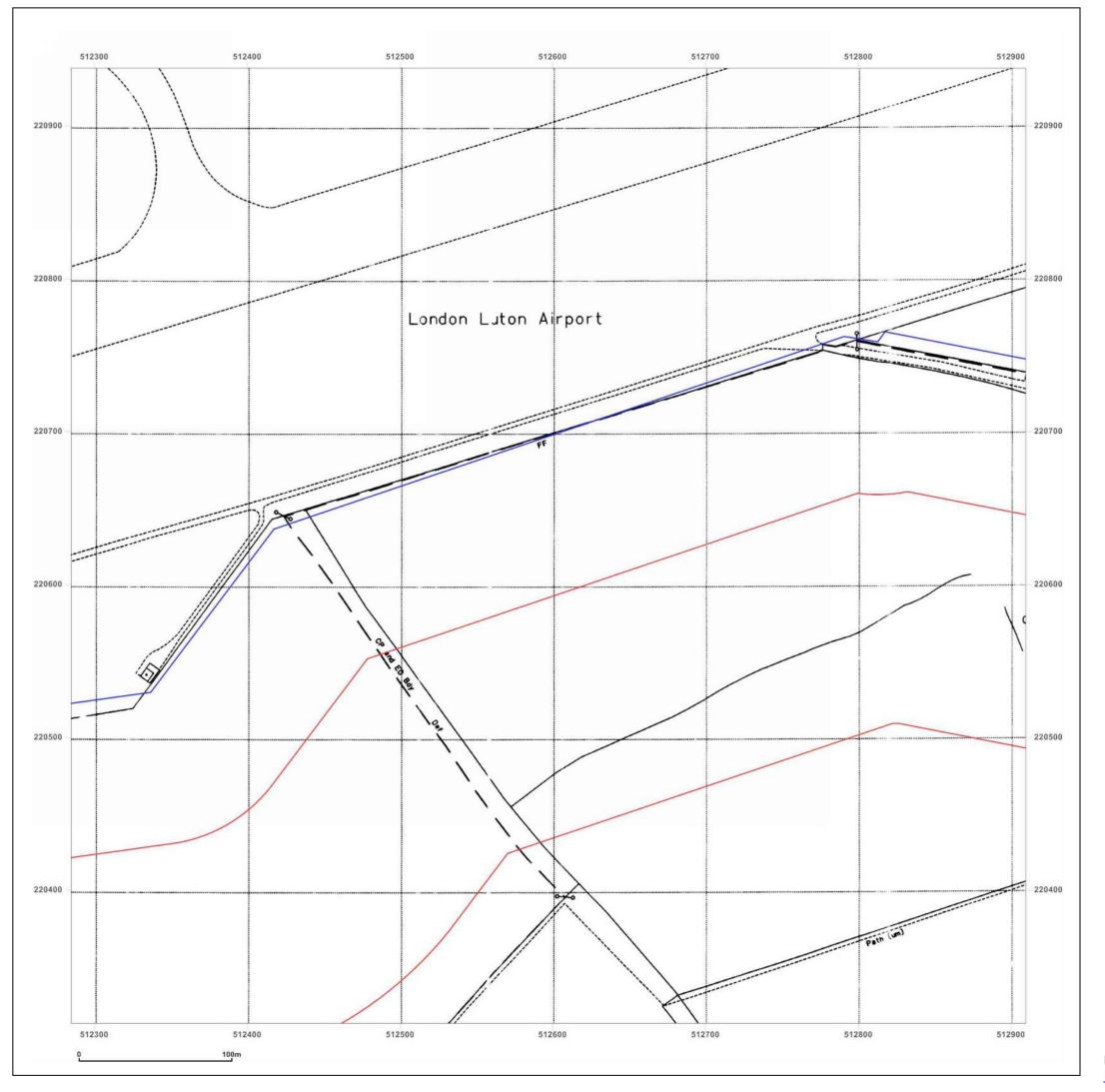




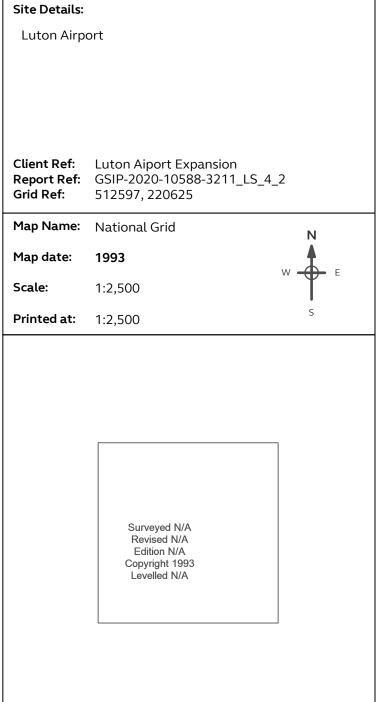


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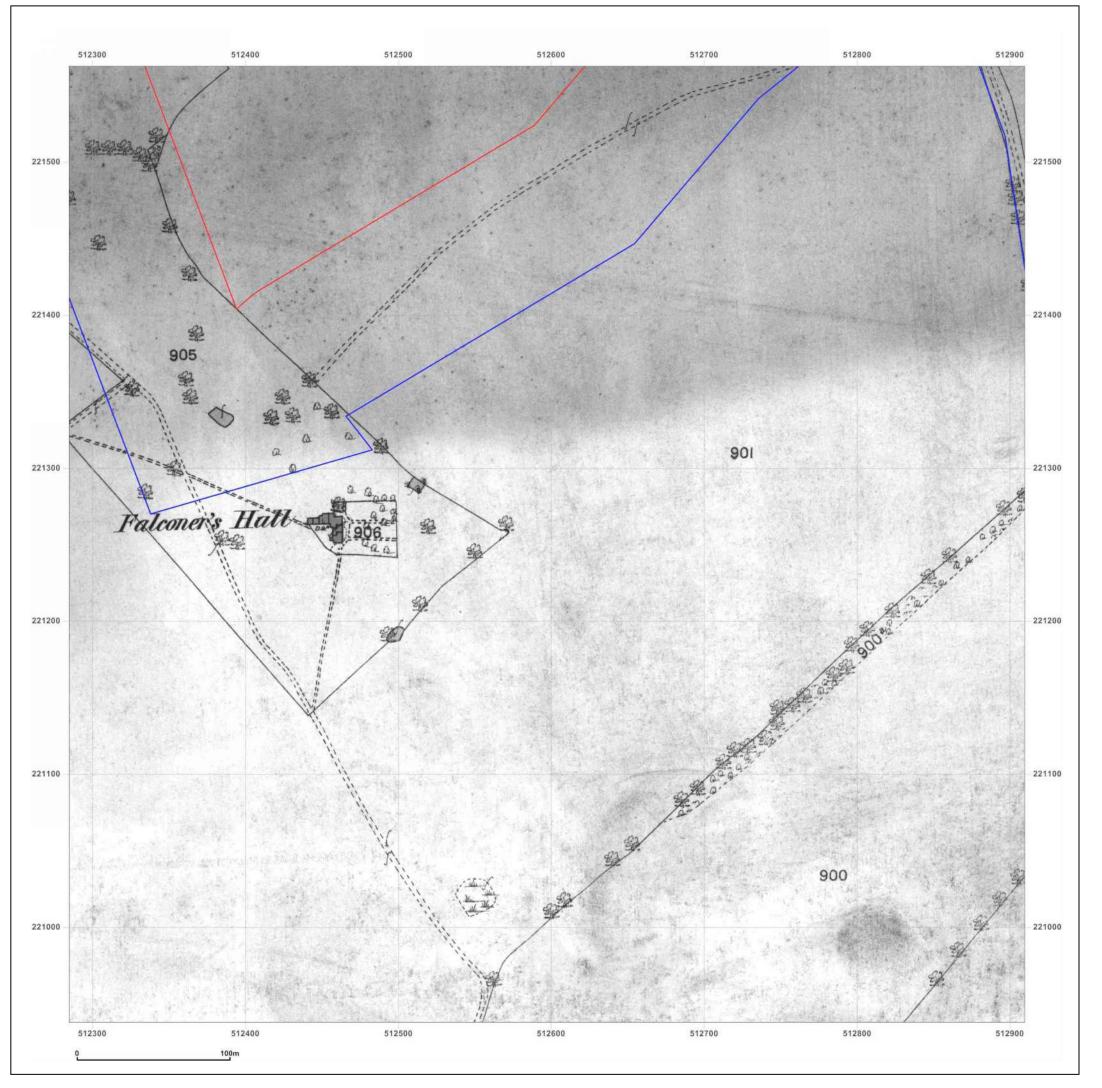






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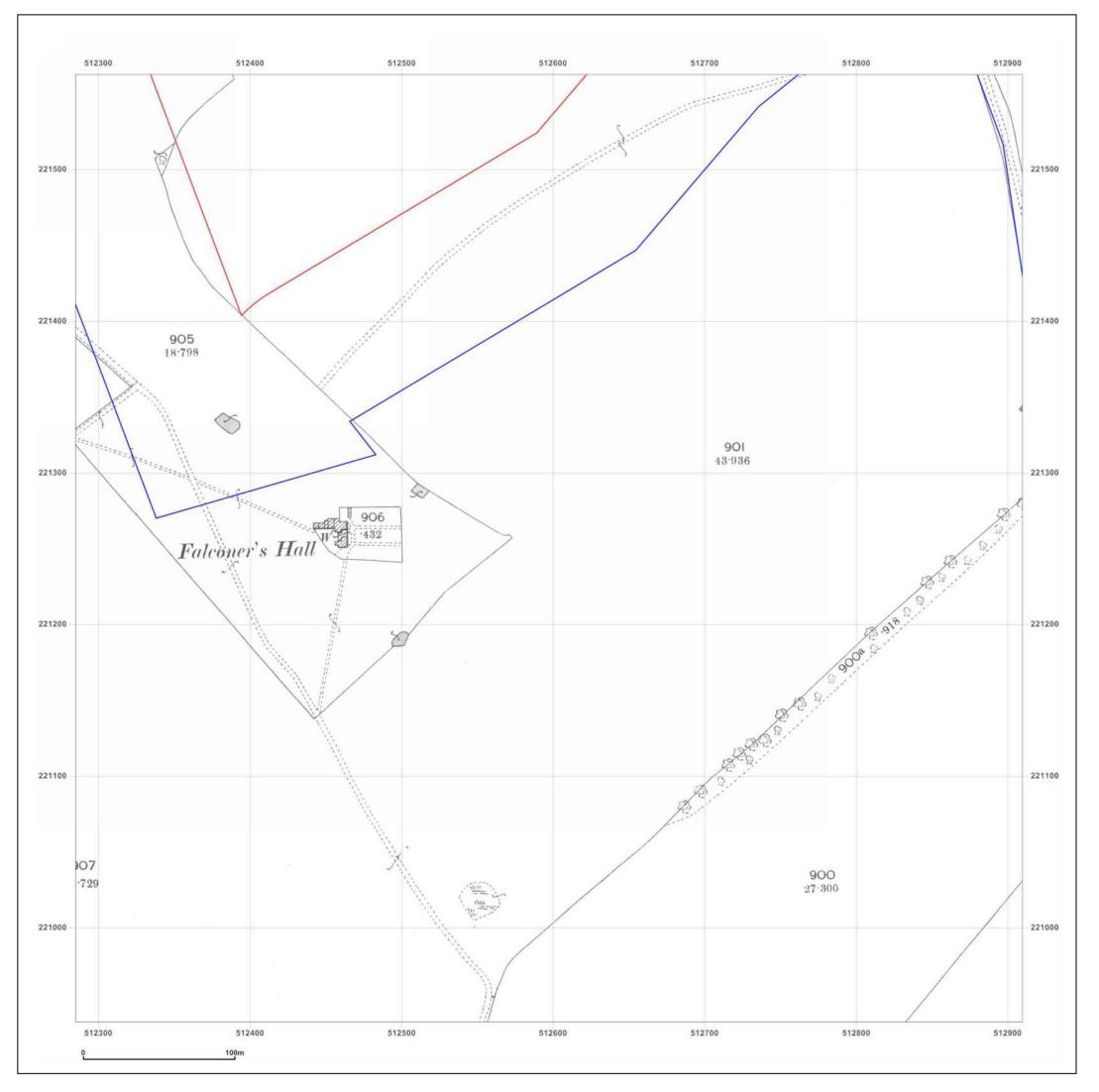
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_4_ 512597, 221250	_3
Map Name:	County Series	N
Map date:	1881	W F
Scale:	1:2,500	" T
Printed at:	1:2,500	S
		Surveyed 1881 Revised 1881
		Edition N/A Copyright N/A
		Levelled N/A
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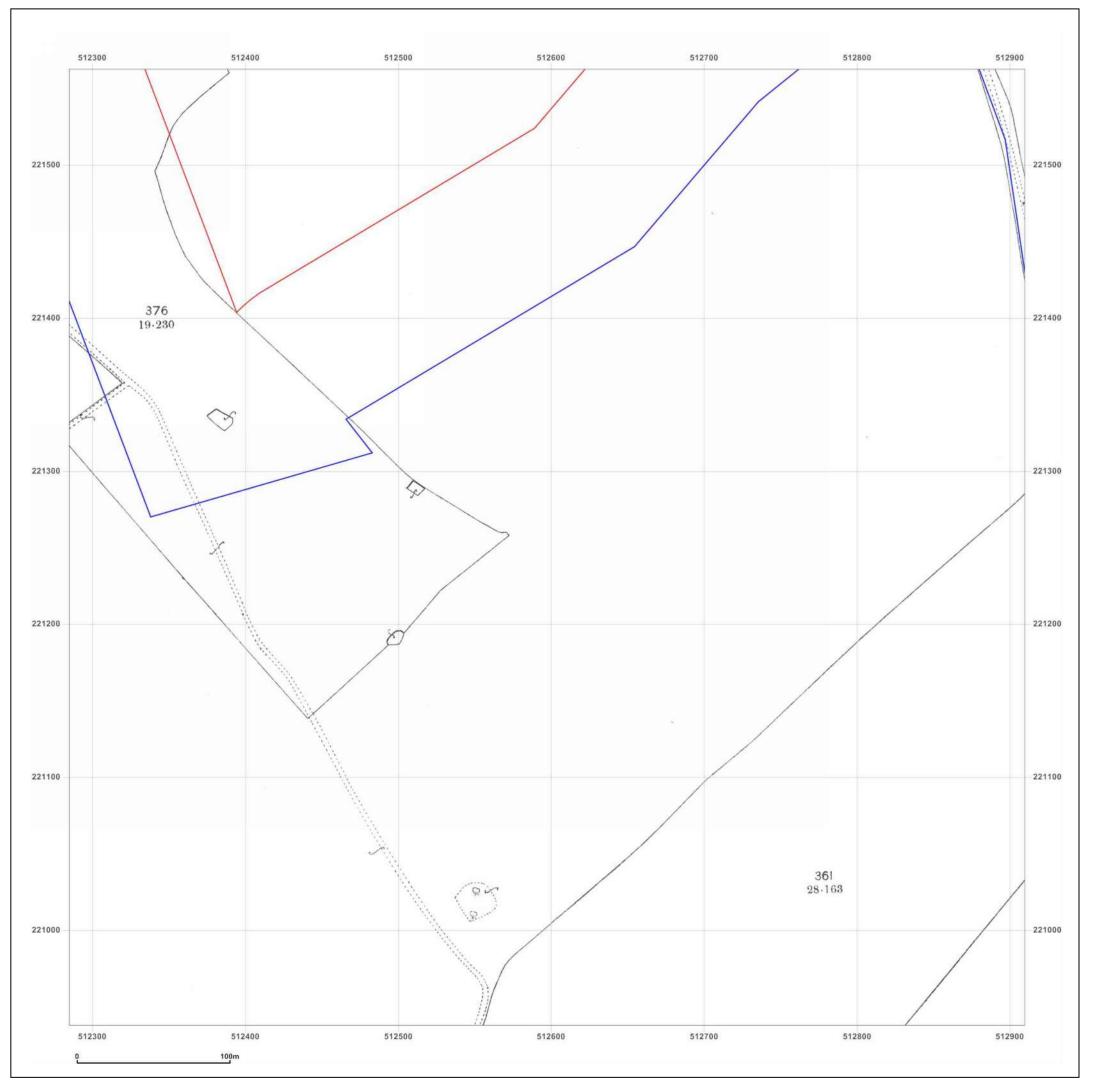
Luton Airpo	ort	
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_4_ 512597, 221250	_3
Map Name:	County Series	N
Map date:	1898	W F
Scale:	1:2,500	
Printed at:	1:2,500	S
		Surveyed 1898
		Revised 1898 Edition N/A
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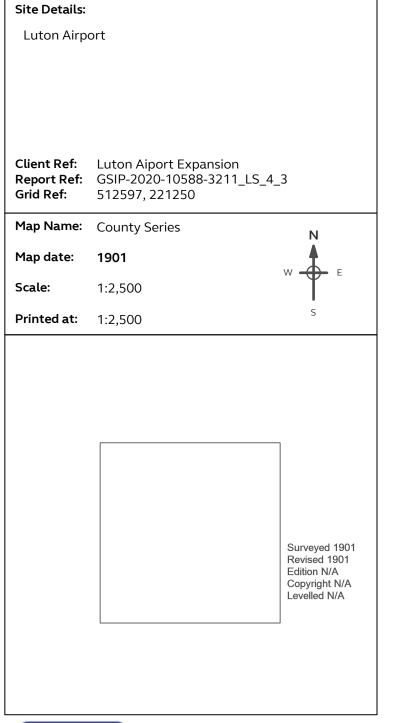
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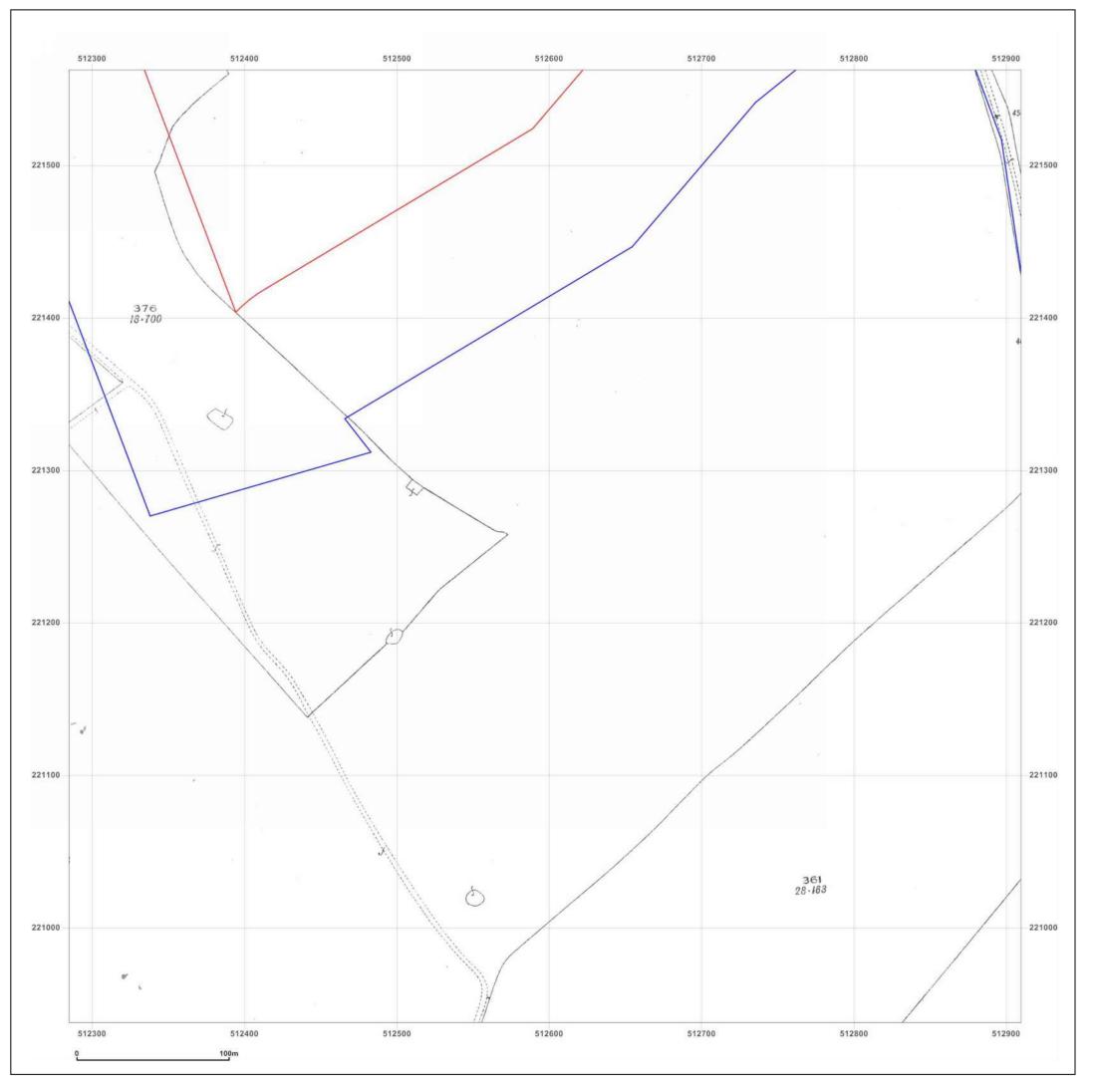






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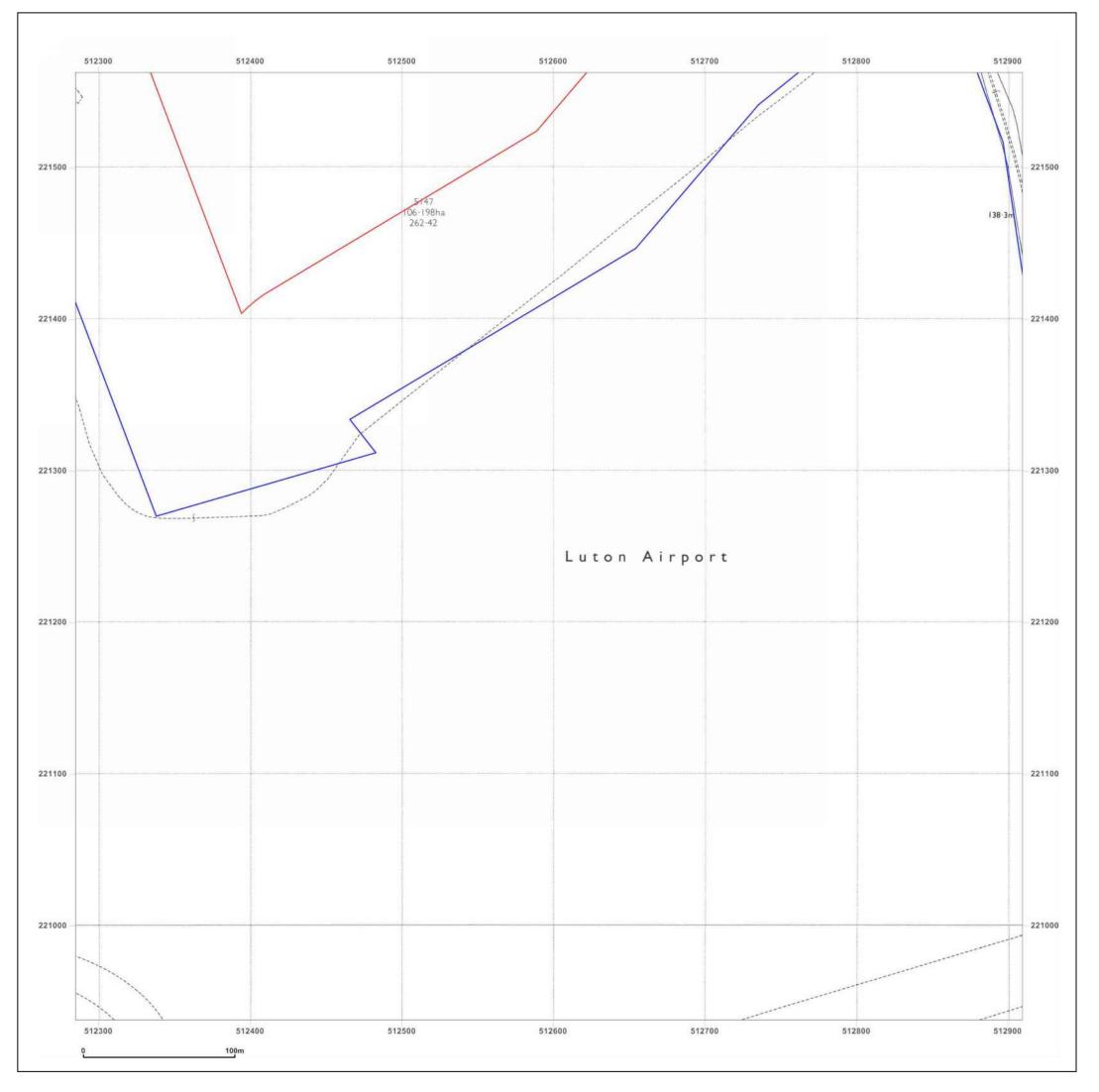


Site Details:			
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_4_ 512597, 221250	_3	
Map Name:	County Series	N	
Map date:	1924	W F	
Scale:	1:2,500		
Printed at:	1:2,500	S	
		Surveyed 1924 Revised 1924	
		Edition N/A Copyright N/A	
		Levelled N/A	



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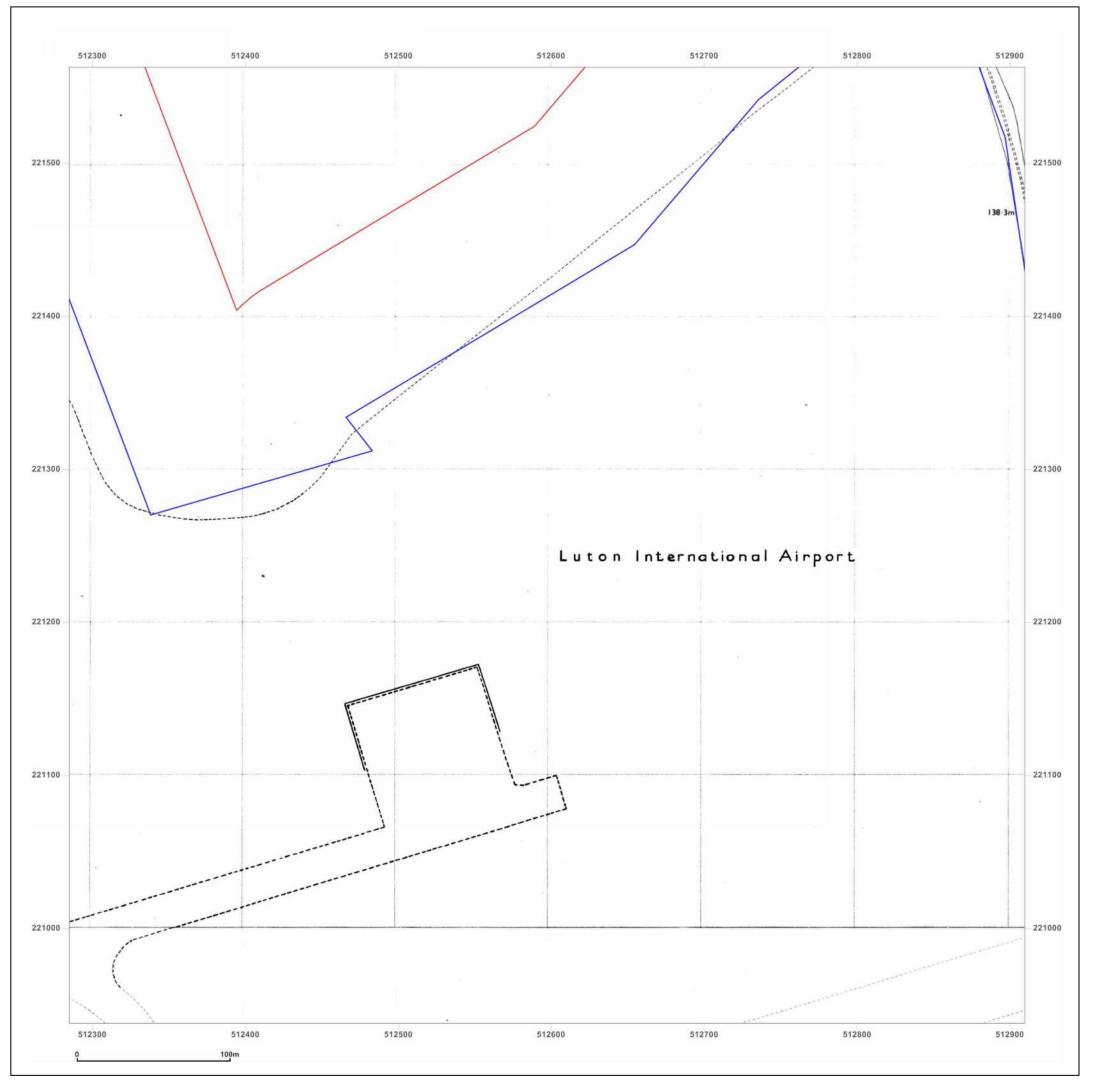


Site Details:		
Luton Airpo	ort	
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_4_ 512597, 221250	3
Map Name:	National Grid	N
Map date:	1971	W E
Scale:	1:2,500	Ψ · ·
Printed at:	1:2,500	S
		Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958 Surveyed 1971 Revised 1971 Edition N/A Copyright 1972 Levelled 1958

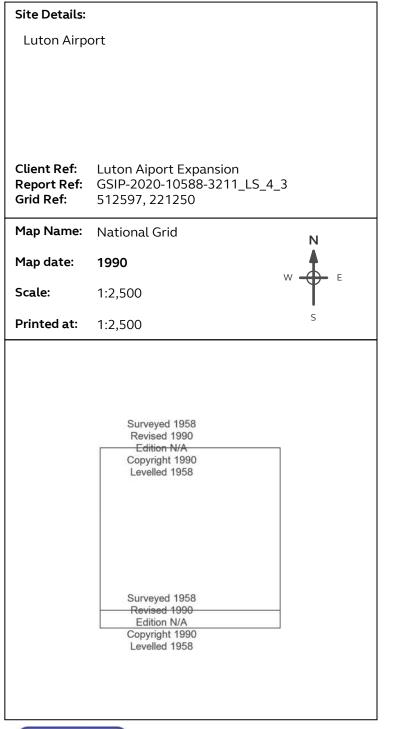


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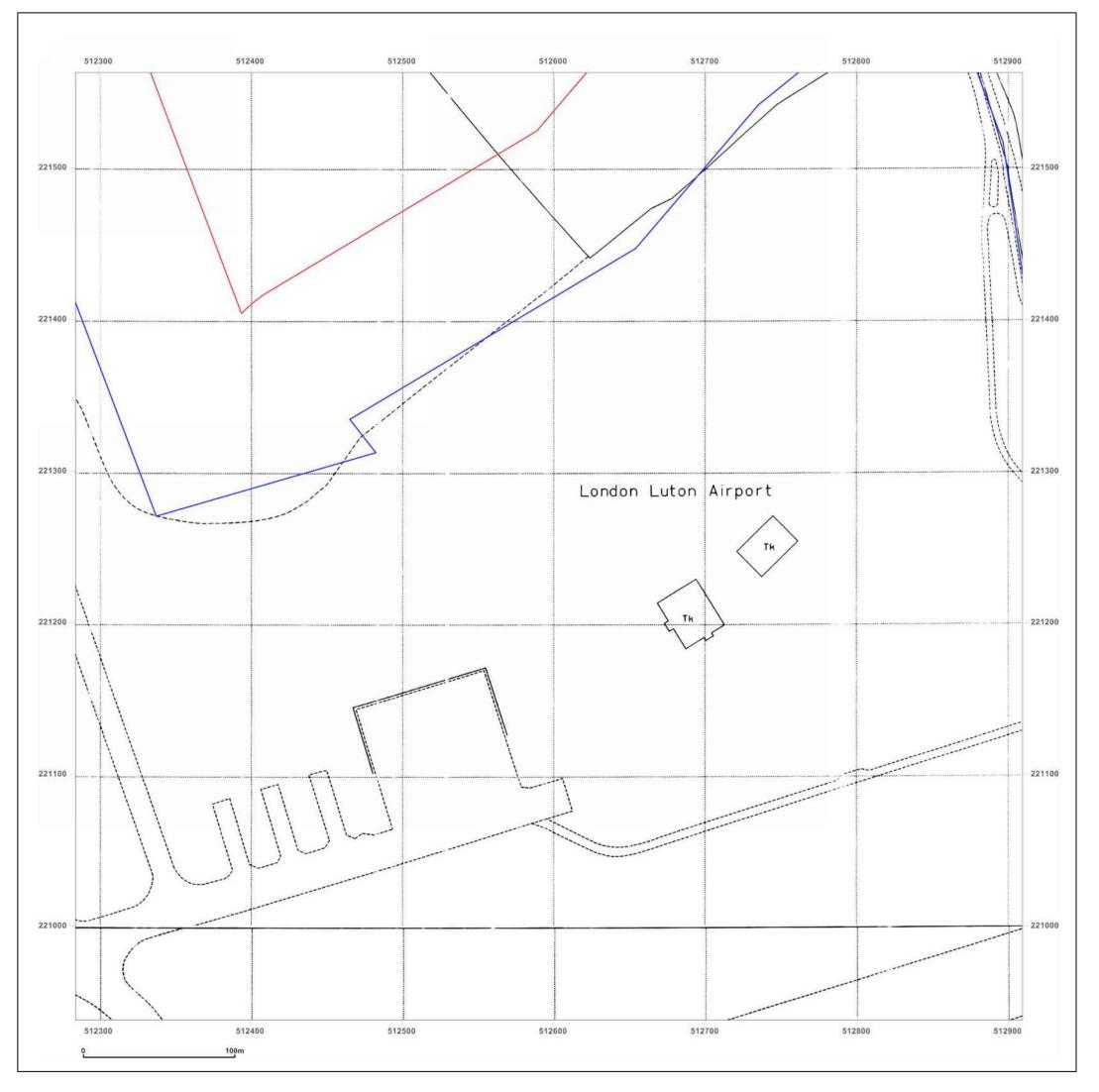




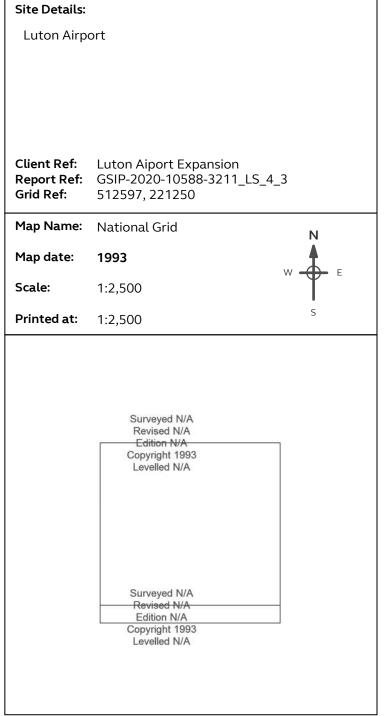


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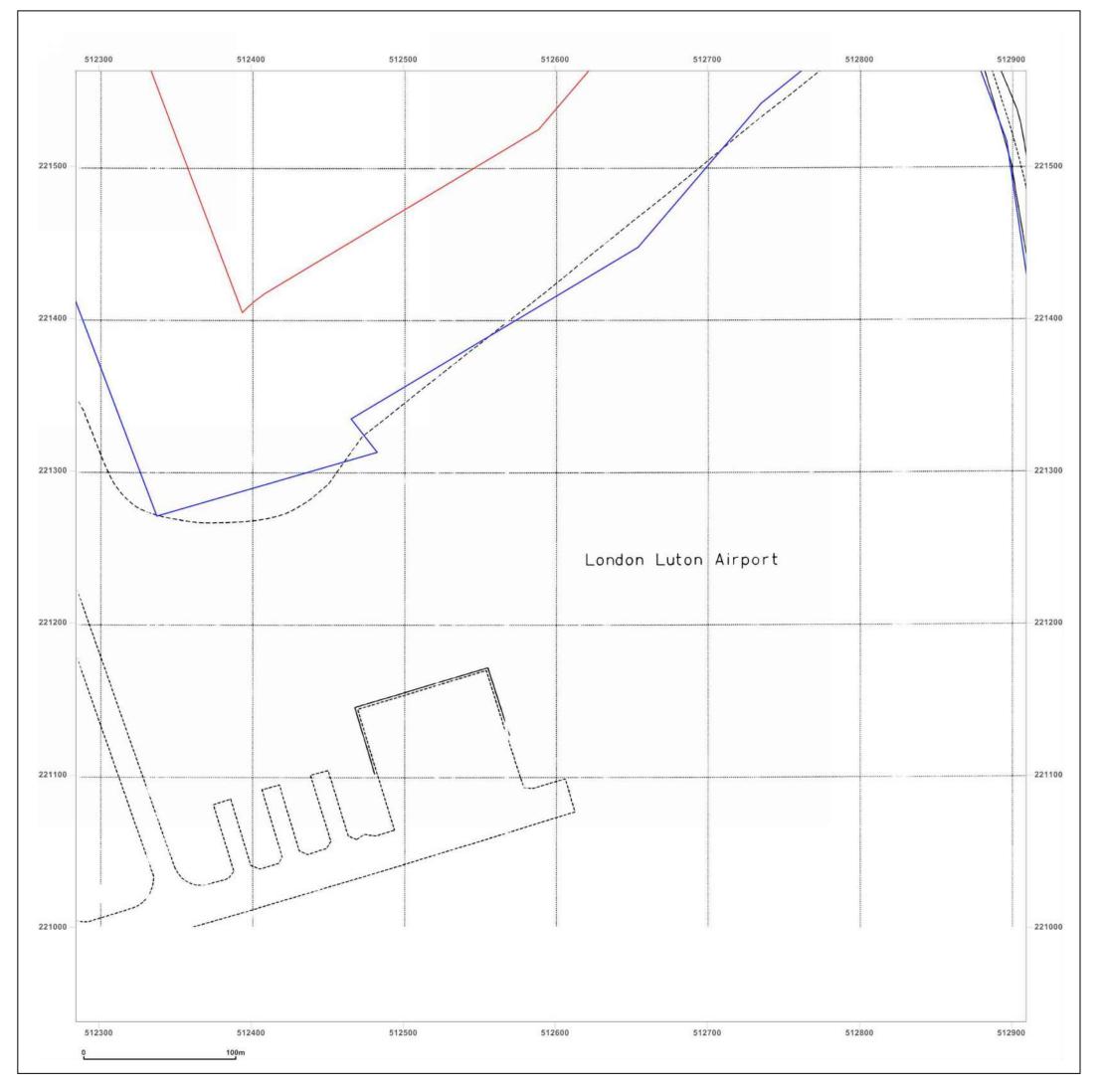






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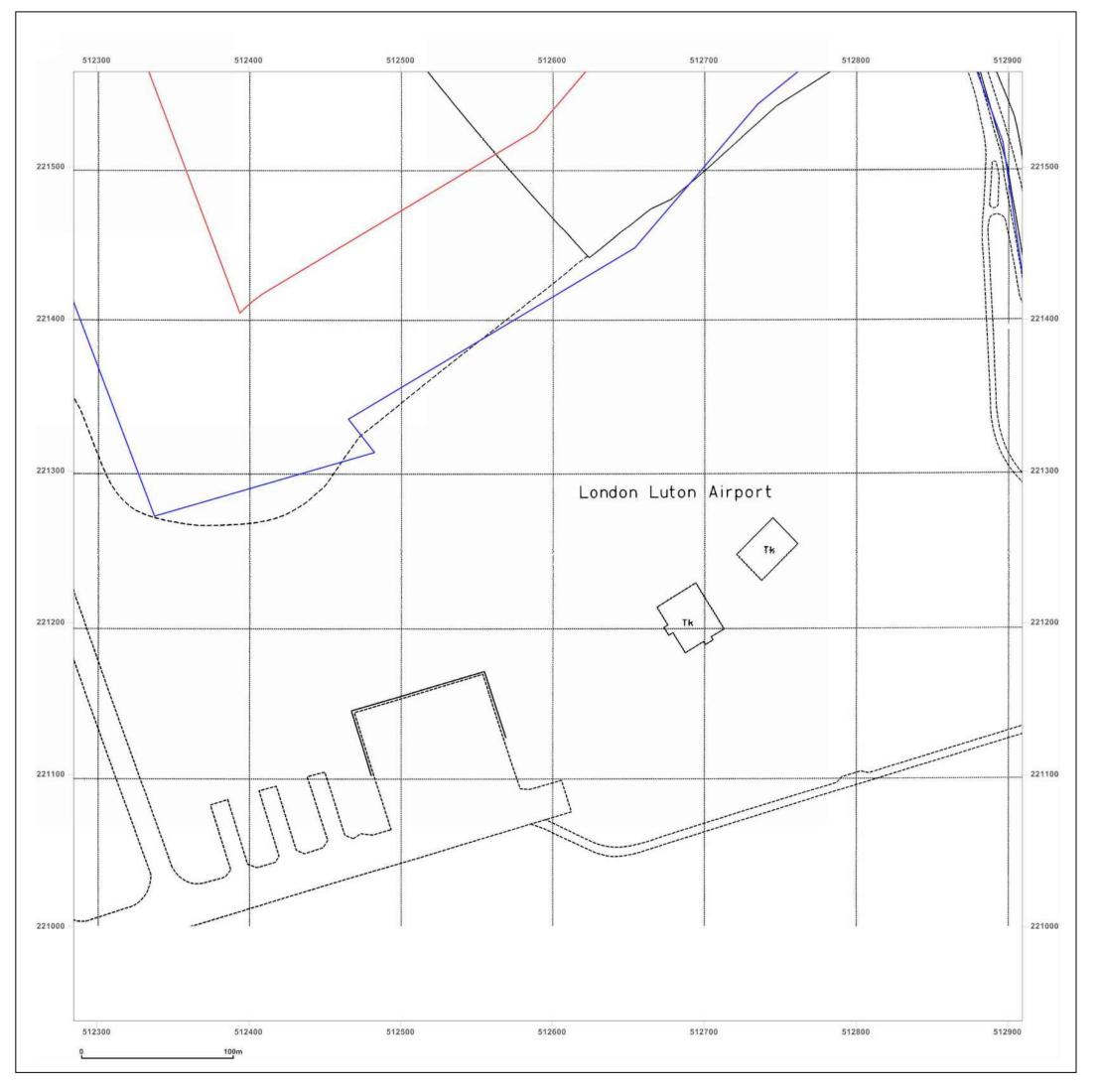


Site Details:				
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_4_3 512597, 221250			
Map Name:	National Grid N			
Map date:	1993			
Scale:	1:2,500			
Printed at:	1:2,500			
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	Surveyed N/A Revised N/A Edition N/A			
	Copyright 1993 Levelled N/A			
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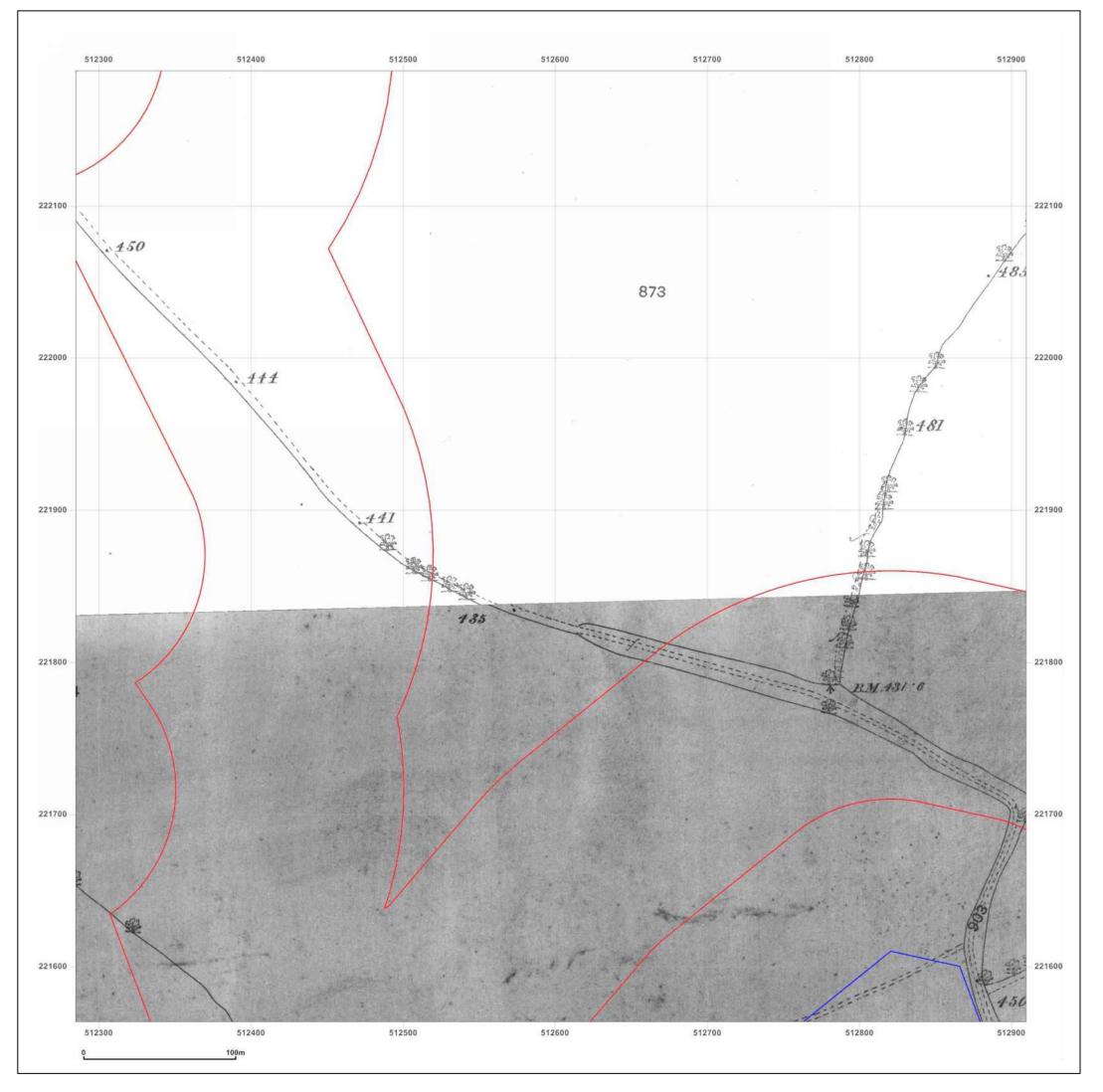


Site Details:	
Luton Airpo	ort
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_4_3 512597, 221250
Map Name:	National Grid N
Map date:	1993
Scale:	1:2,500
Printed at:	1:2,500 S
	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A



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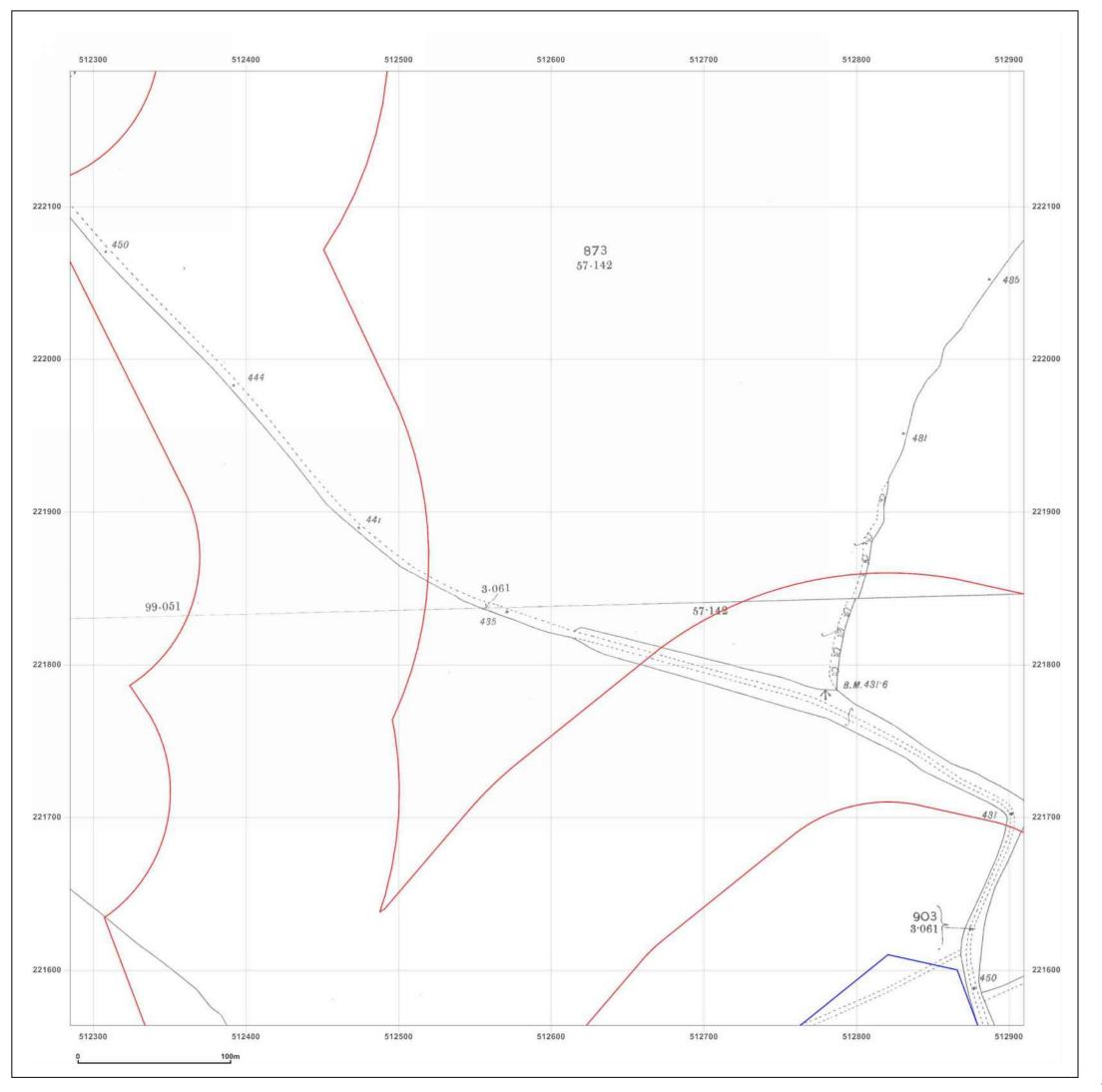


Site Details:				
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_ 512597, 221876	_4_4		
Map Name:	County Series	N		
Map date:	1881	W E		
Scale:	1:2,500	·· Ψ -		
Printed at:	1:2,500	S		
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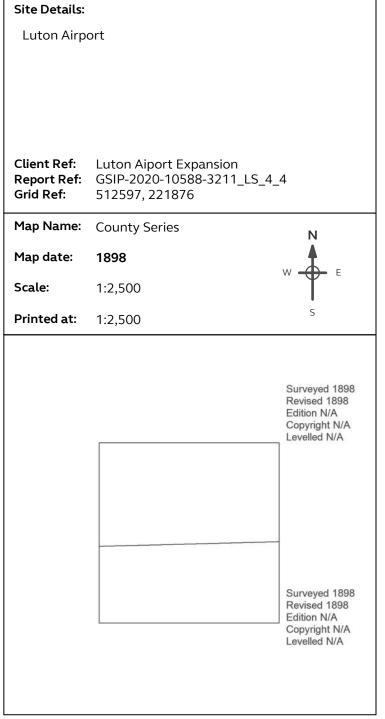


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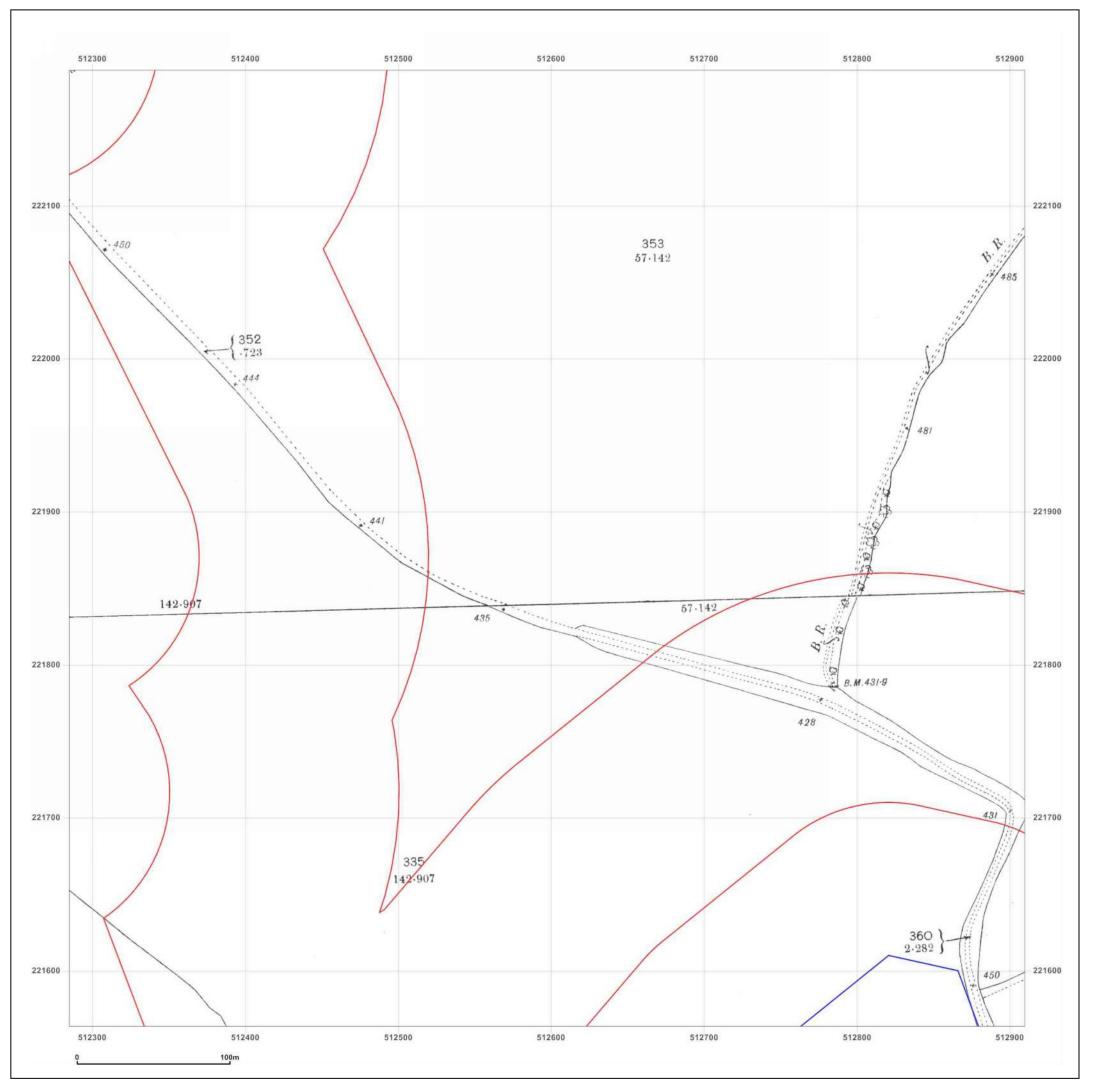






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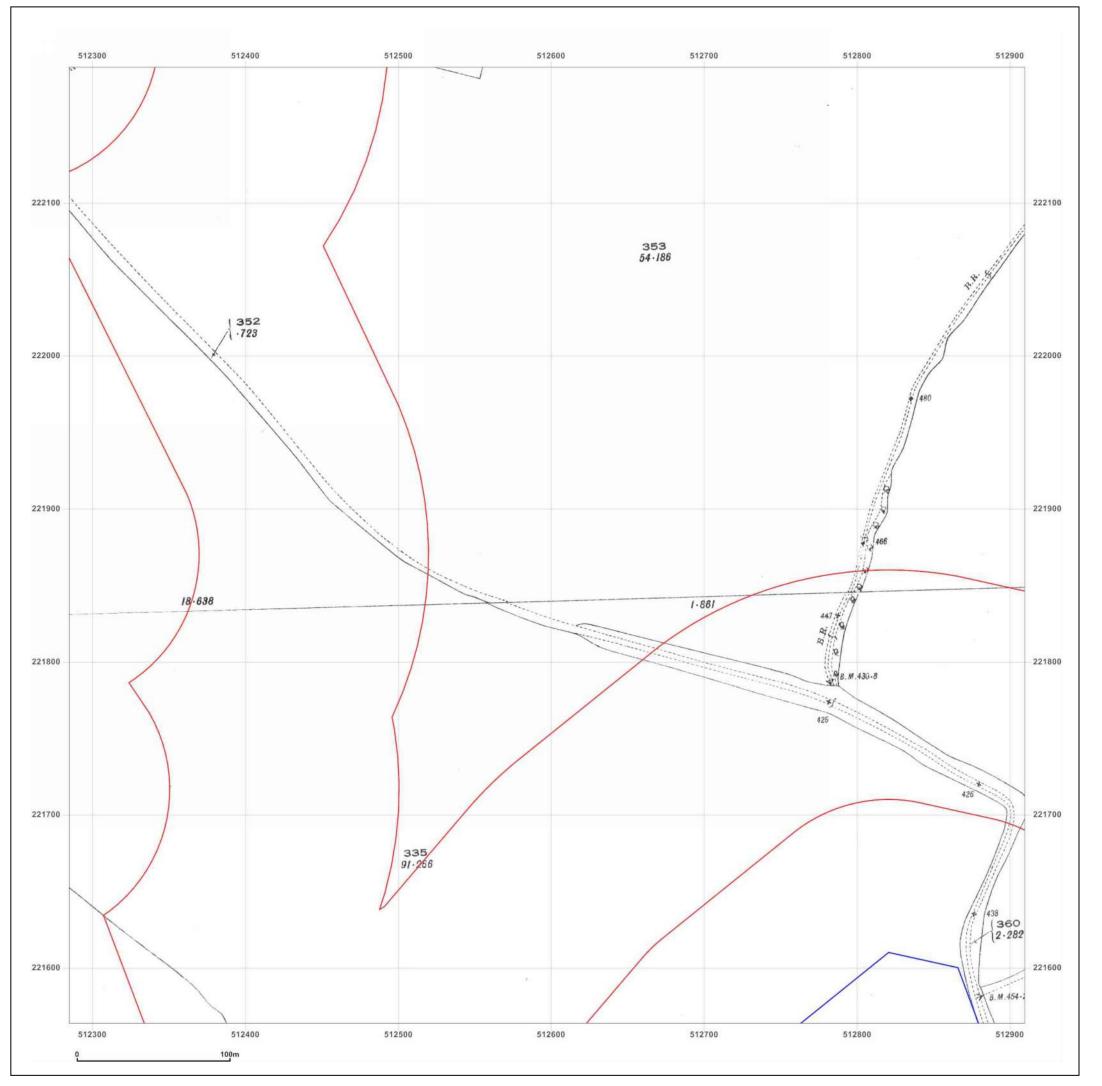
Luton Airport				
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Client Ref: Report Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_L	S_4_4		
Grid Ref:	512597, 221876			
Map Name:	County Series	N		
Map date:	1901	W E		
Scale:	1:2,500	v T		
Printed at:	1:2,500	S		
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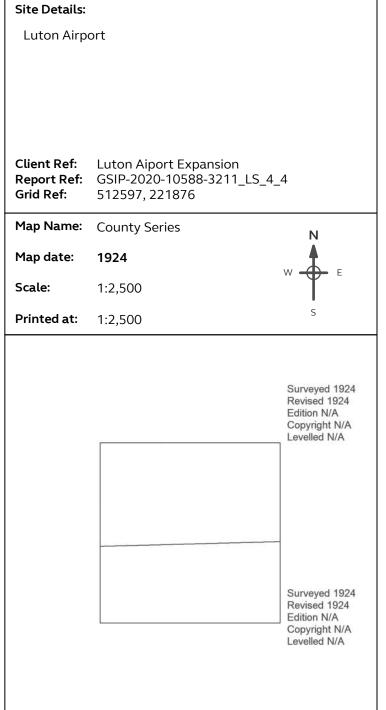
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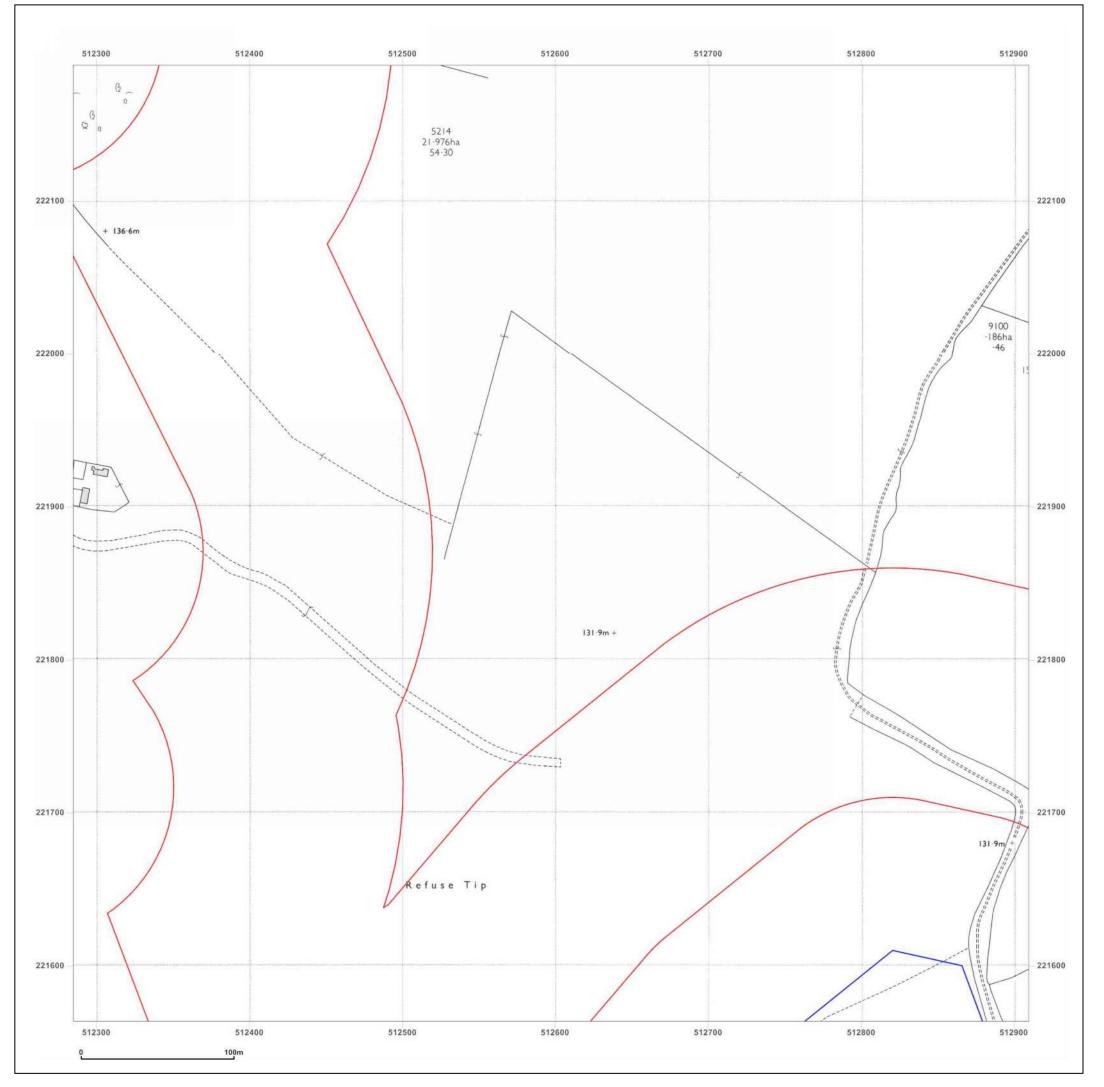






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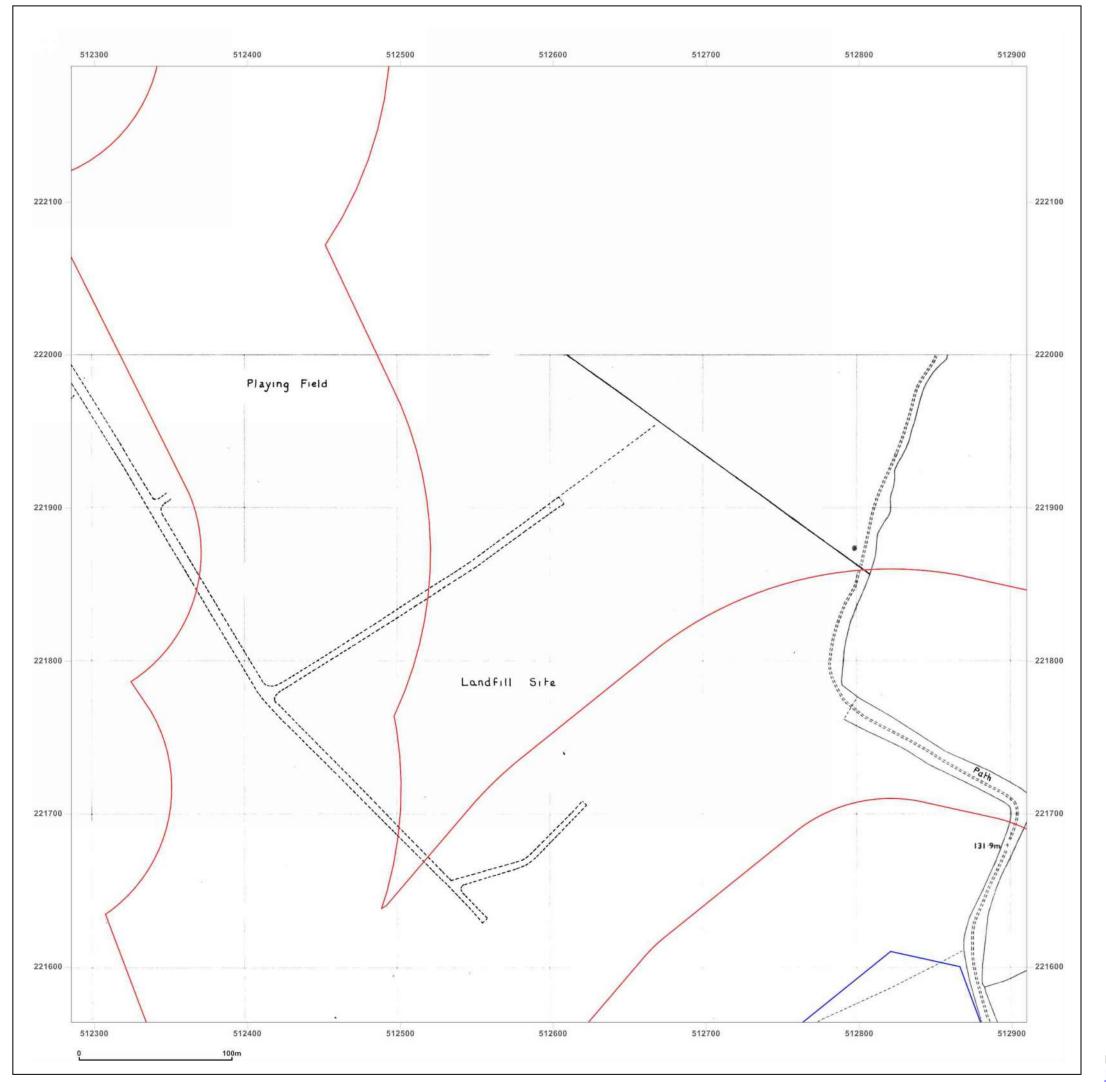
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Map Name:	National Grid	N
Map date:	1971	W E
Scale:	1:2,500	W F
Printed at:	1:2,500	S
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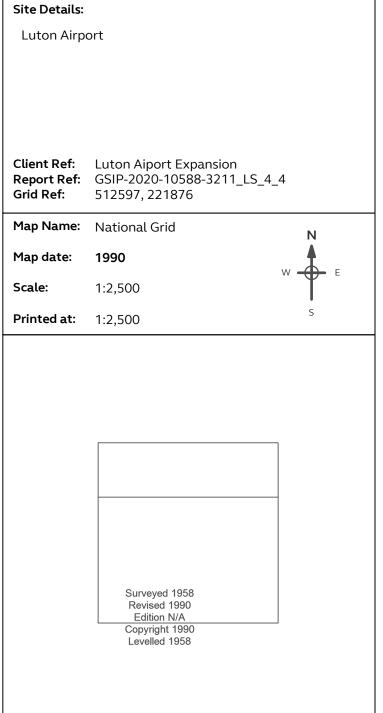
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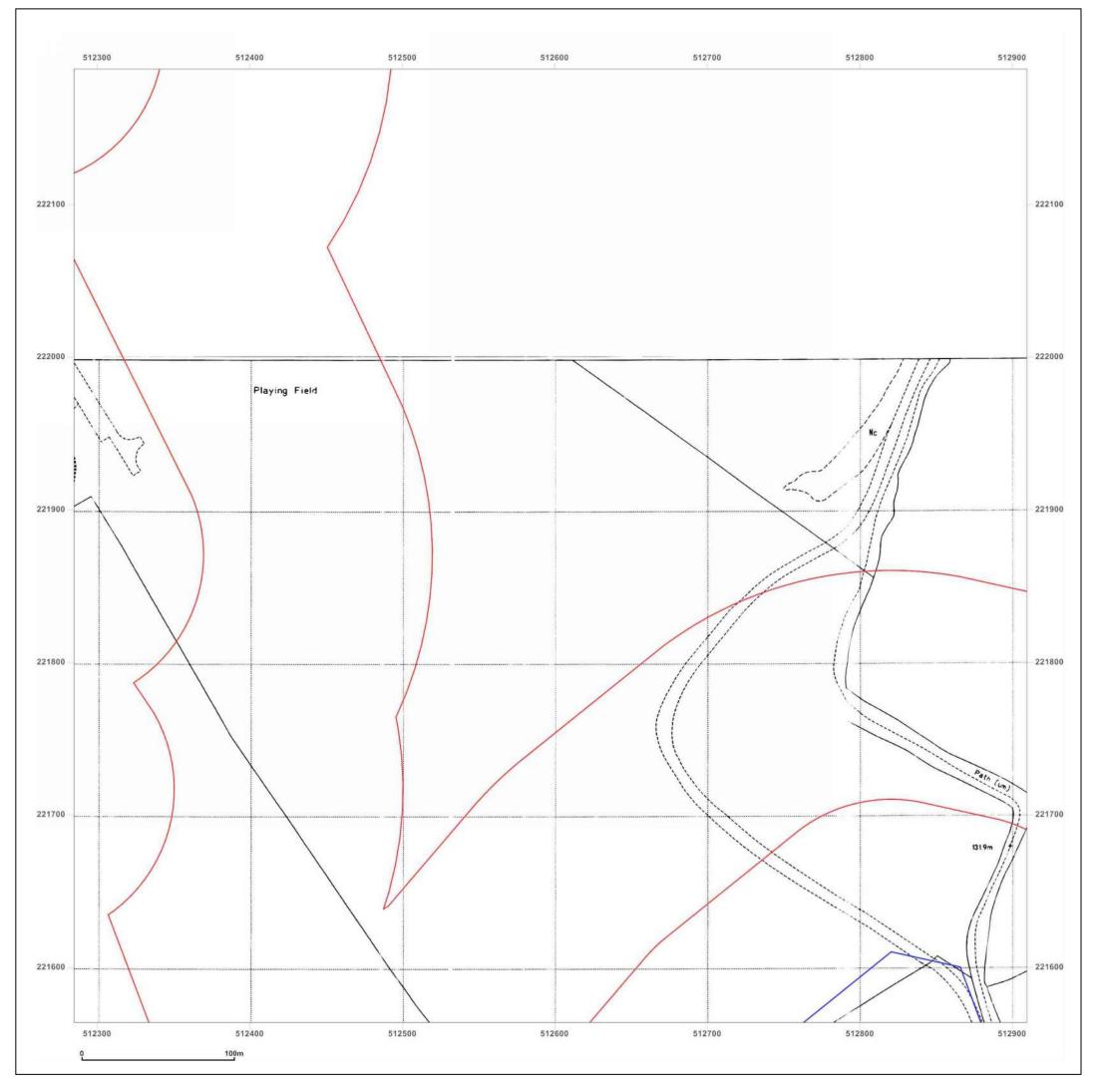




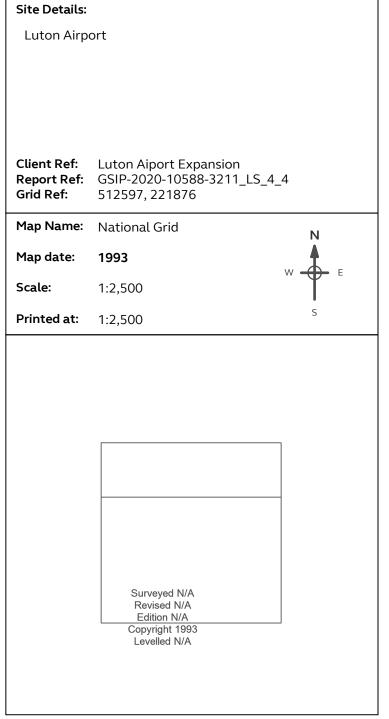


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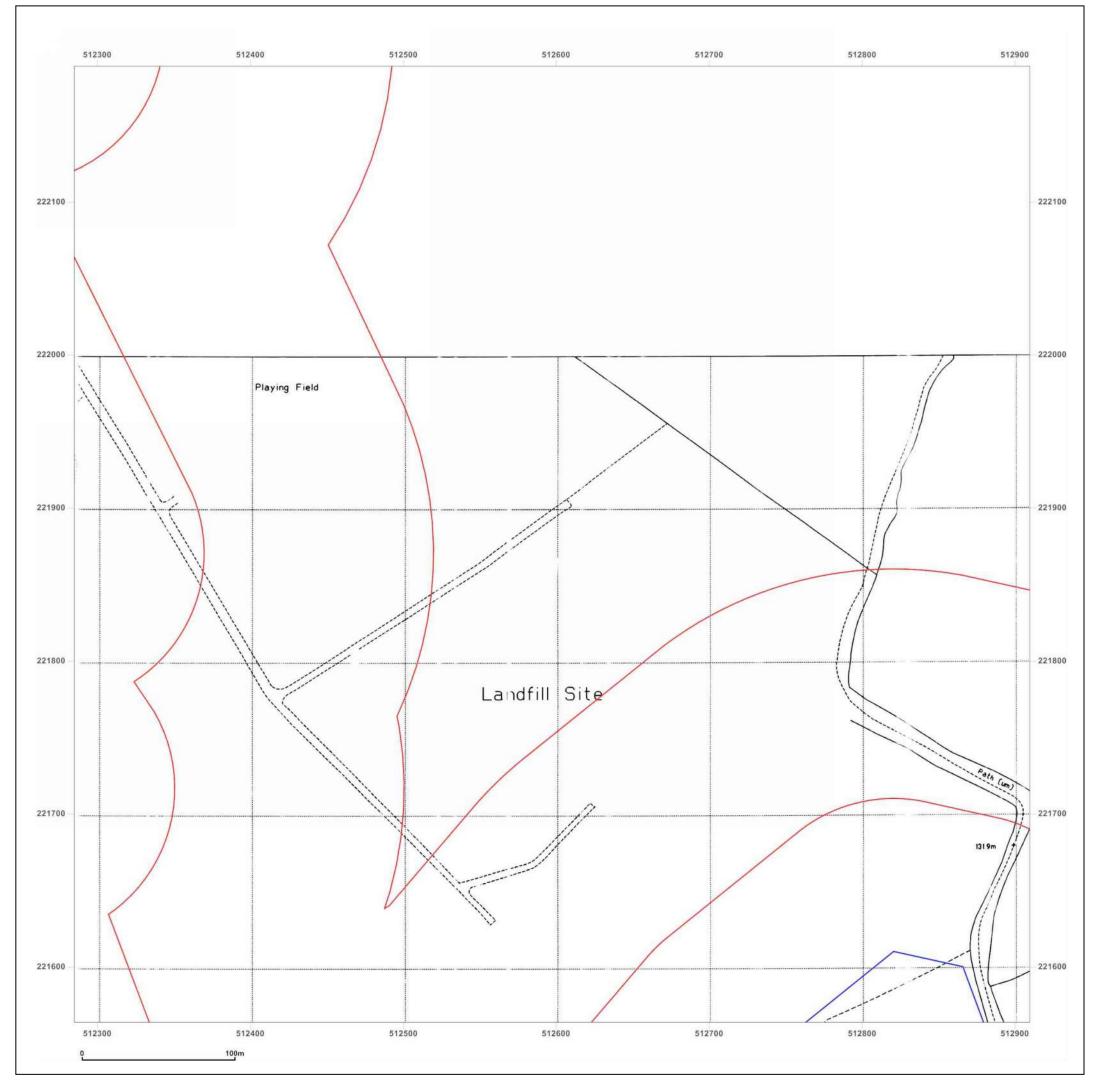




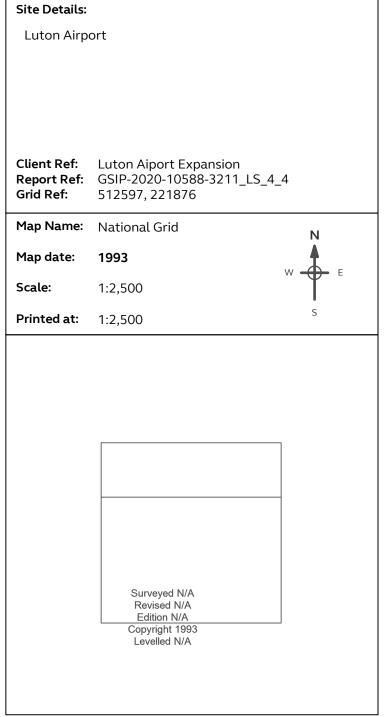


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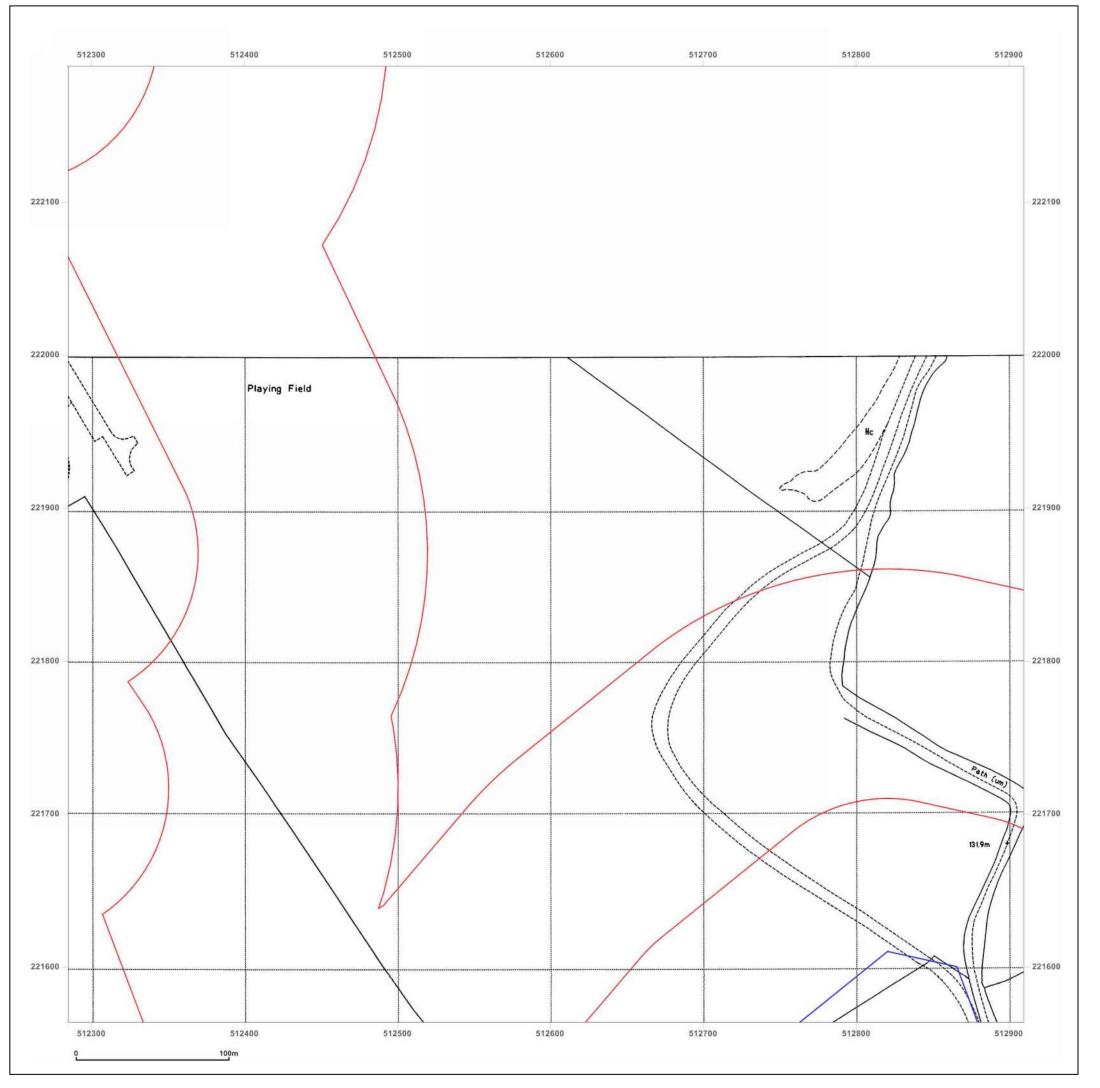






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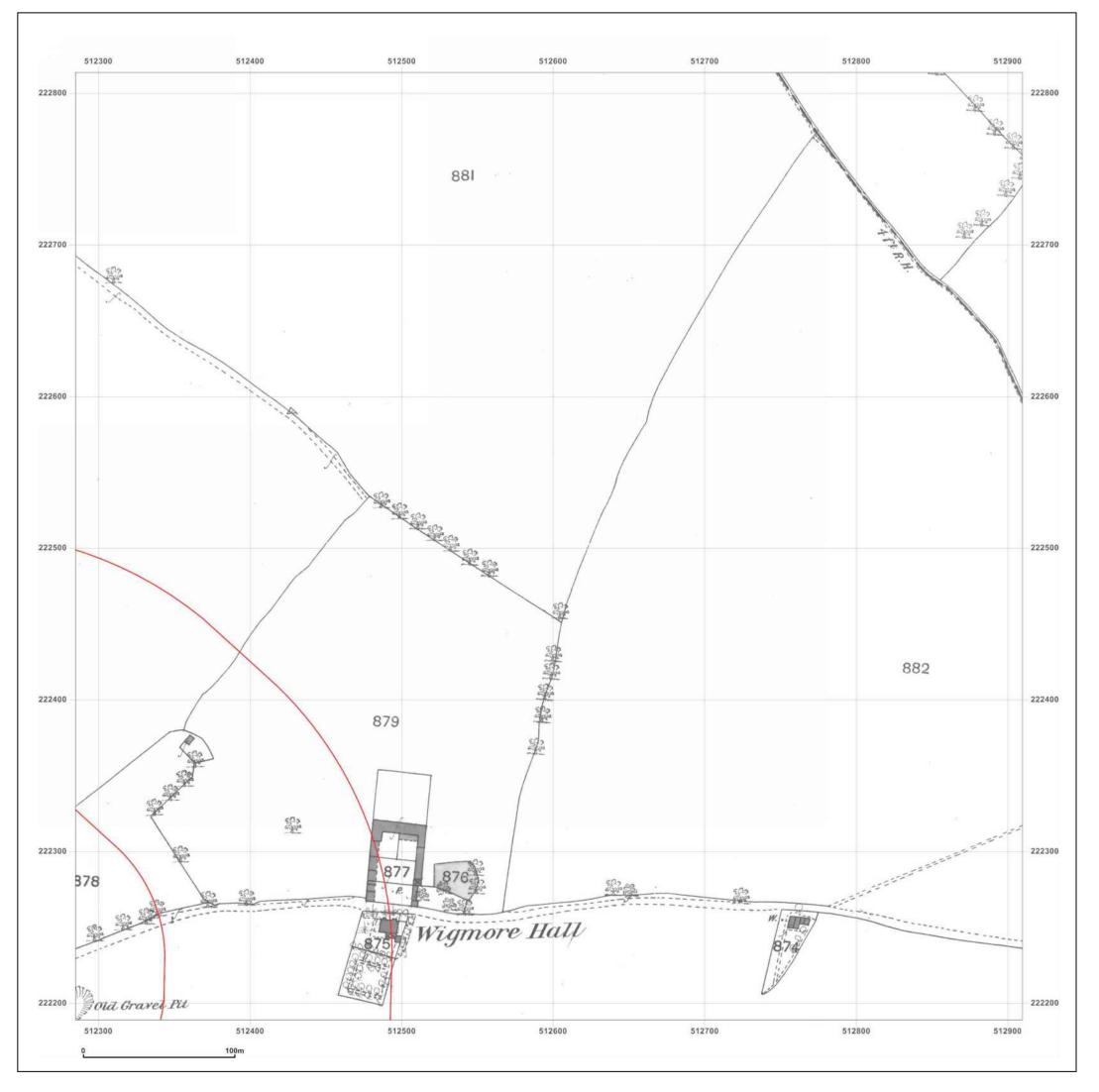
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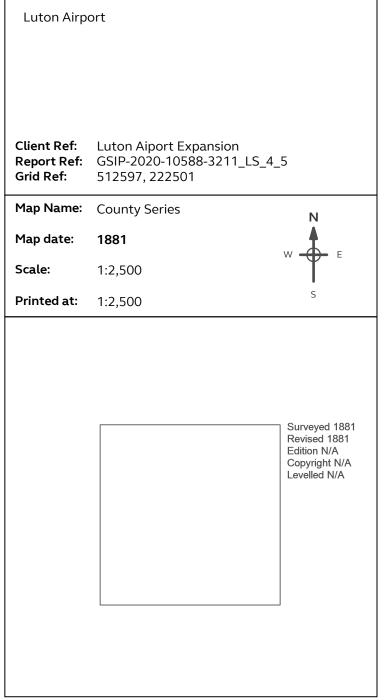
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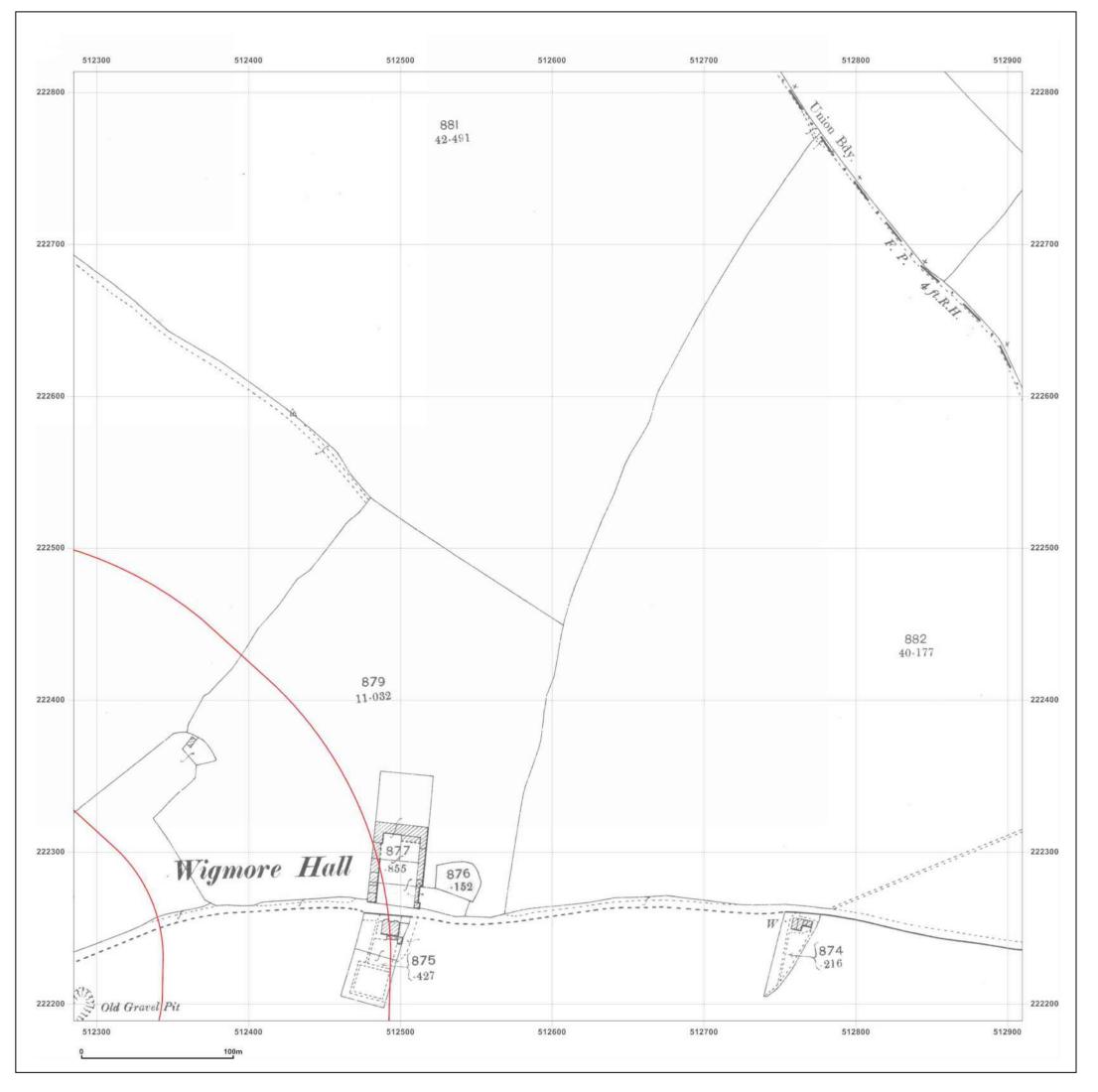




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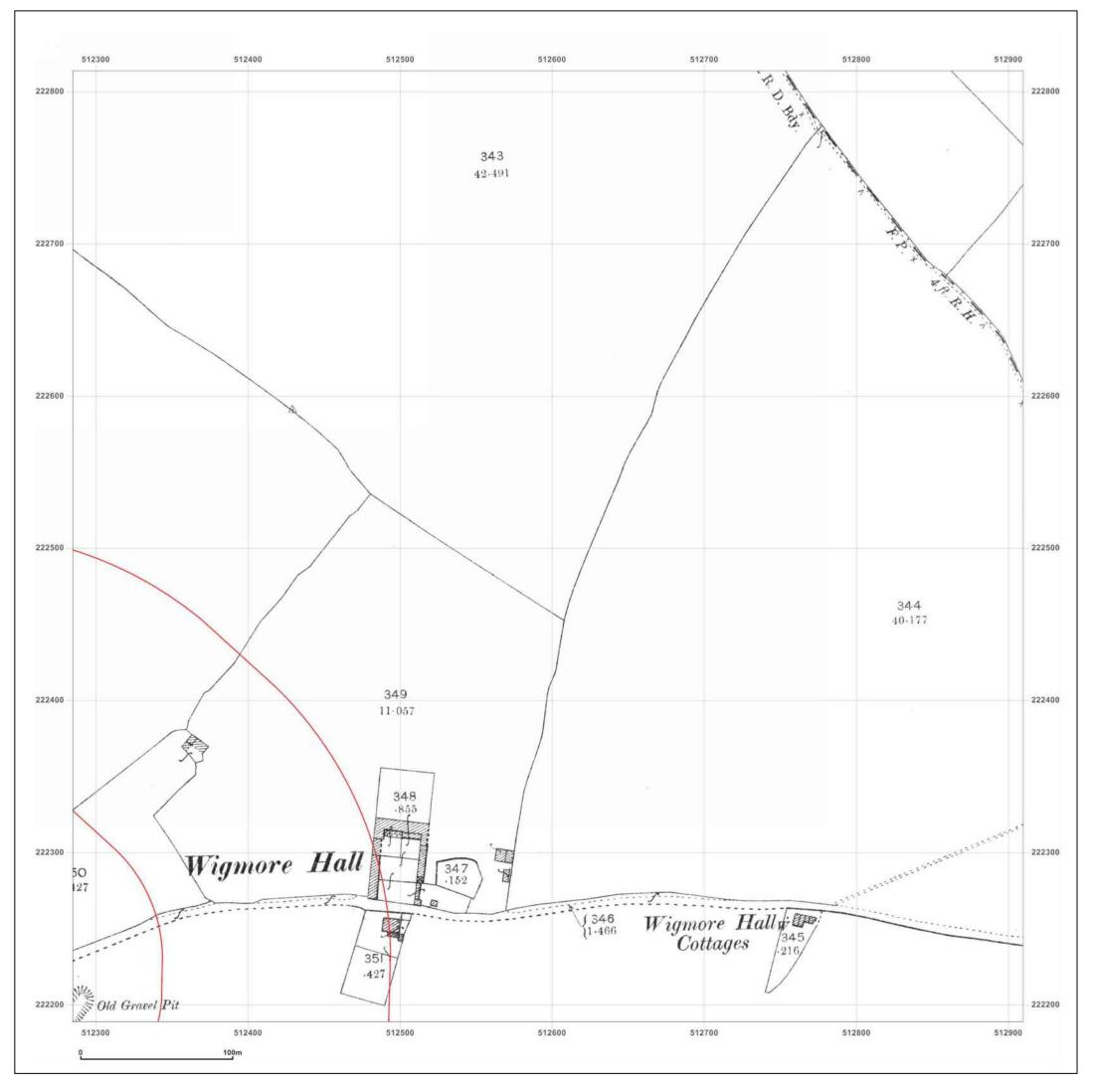
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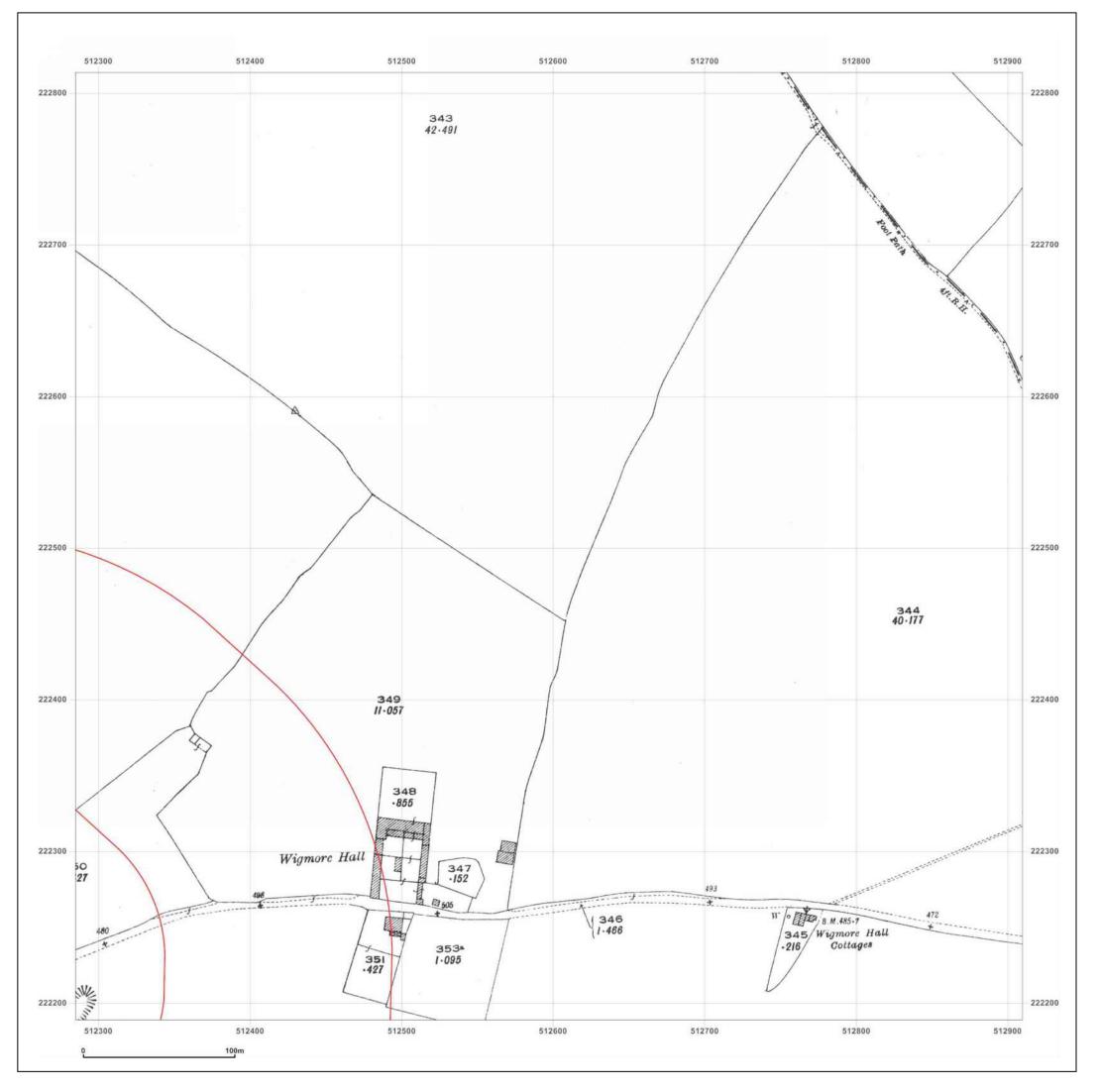
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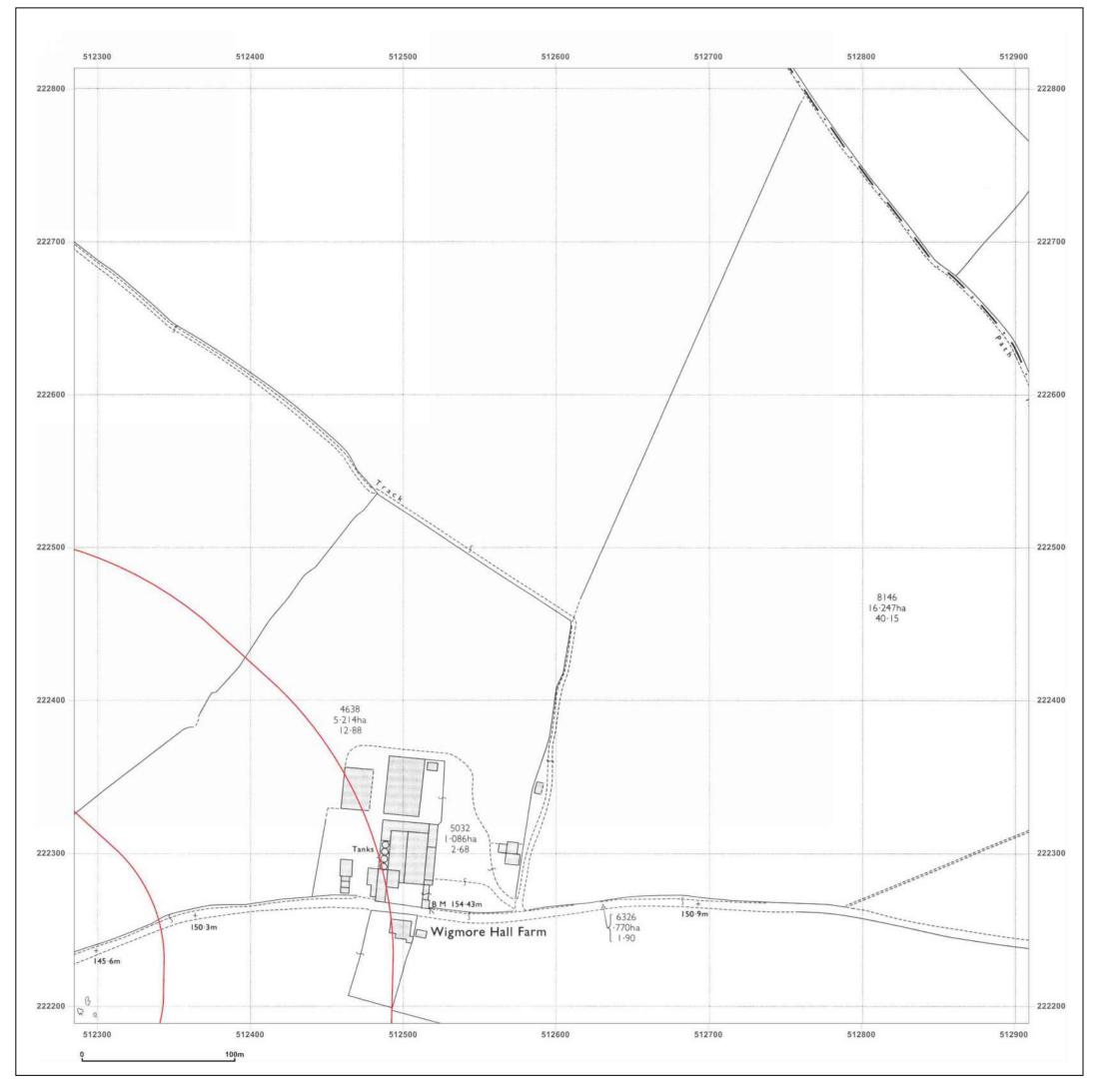
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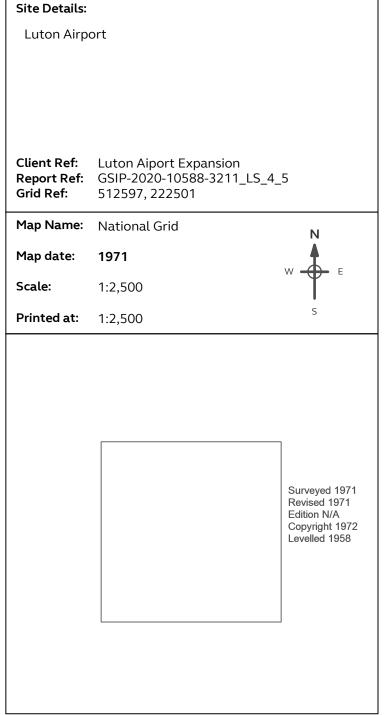
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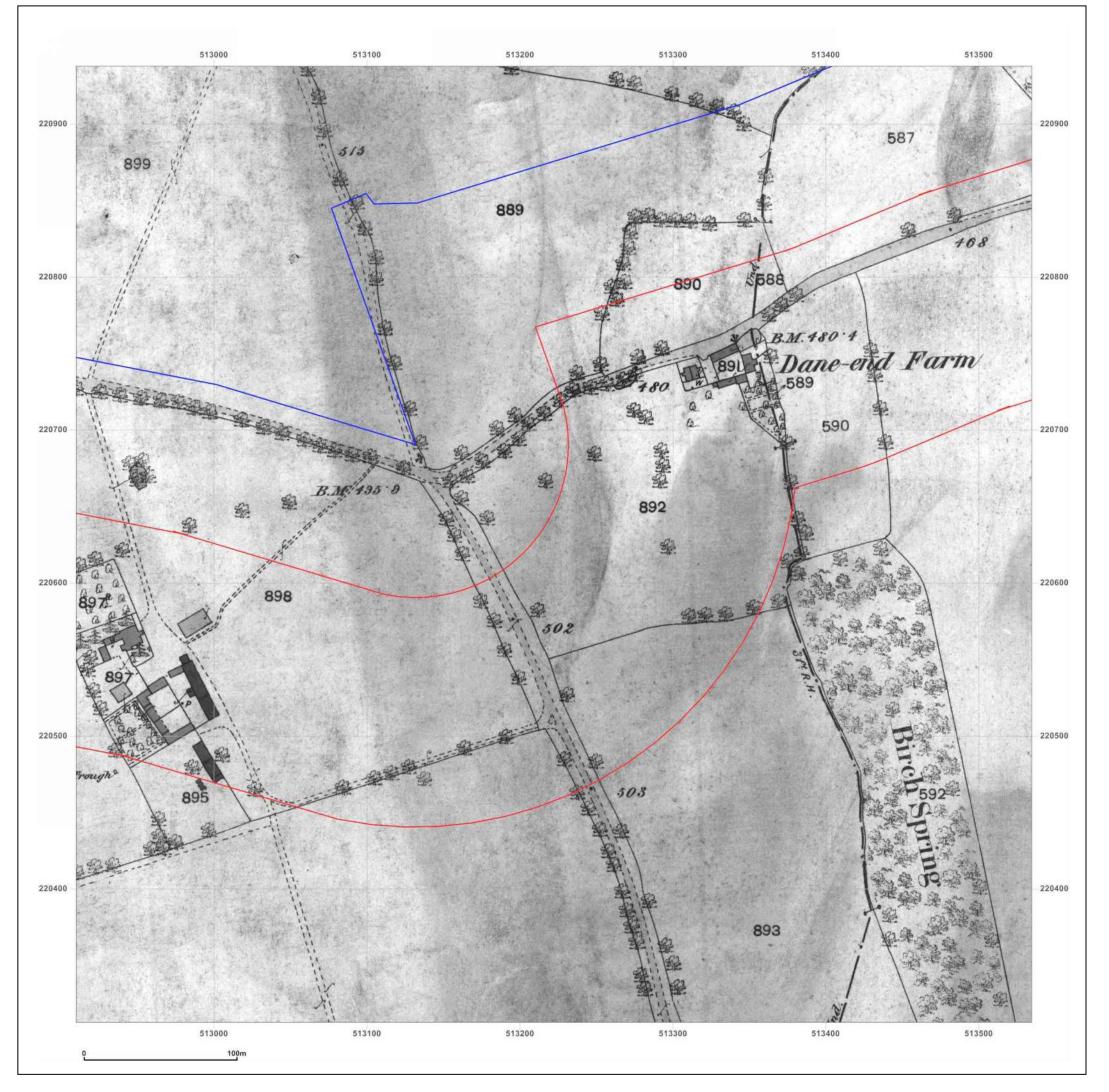






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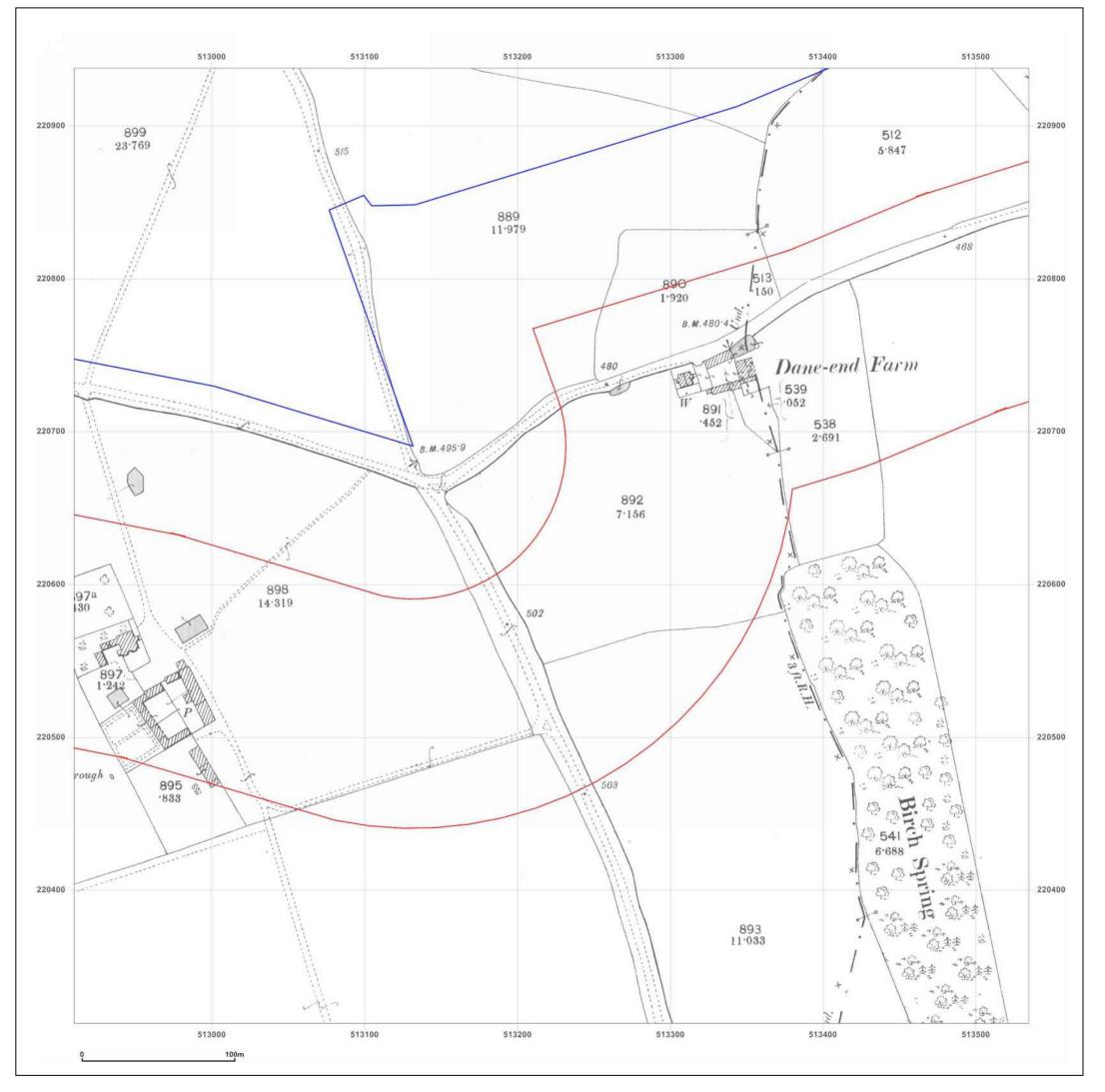


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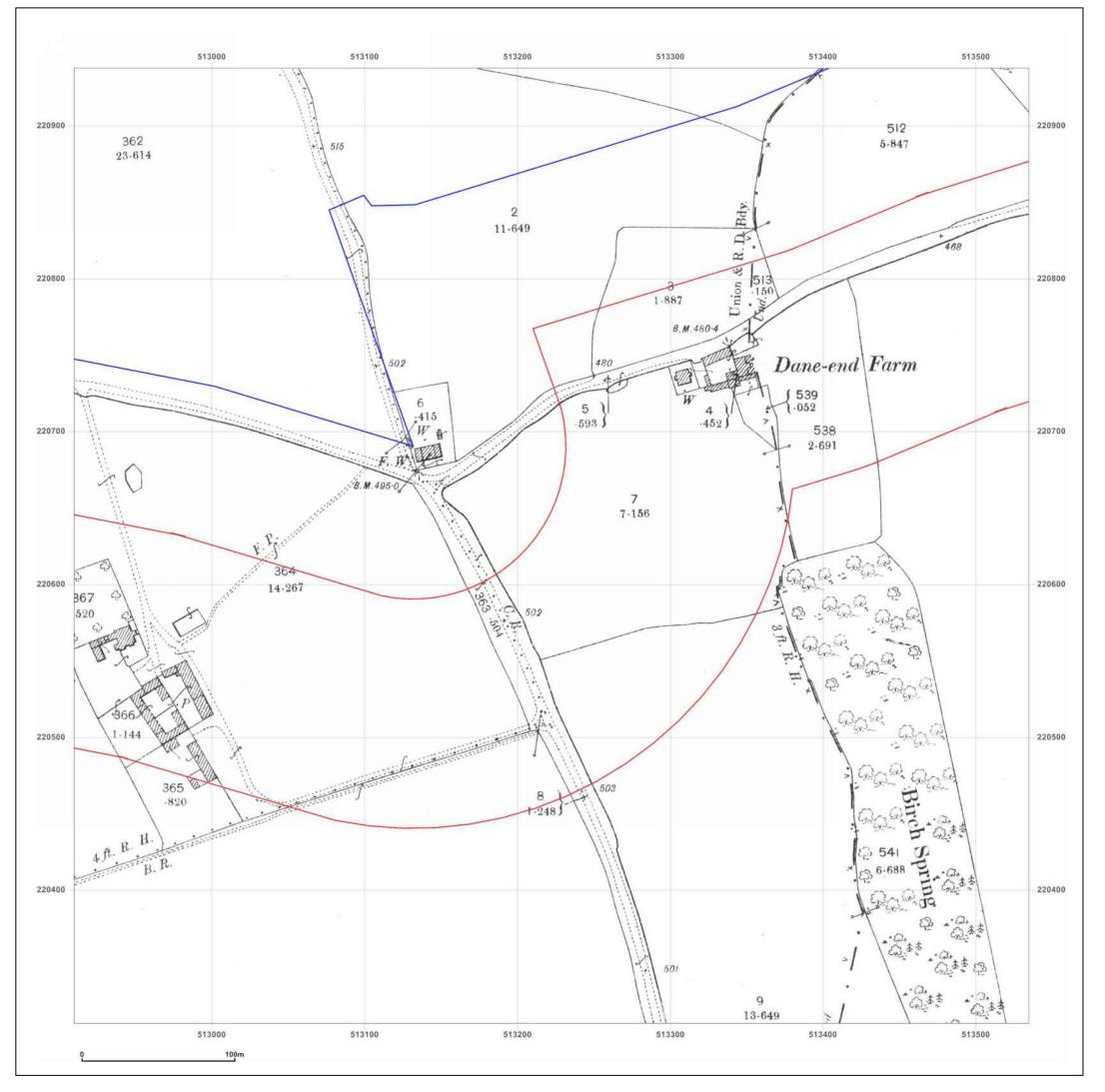


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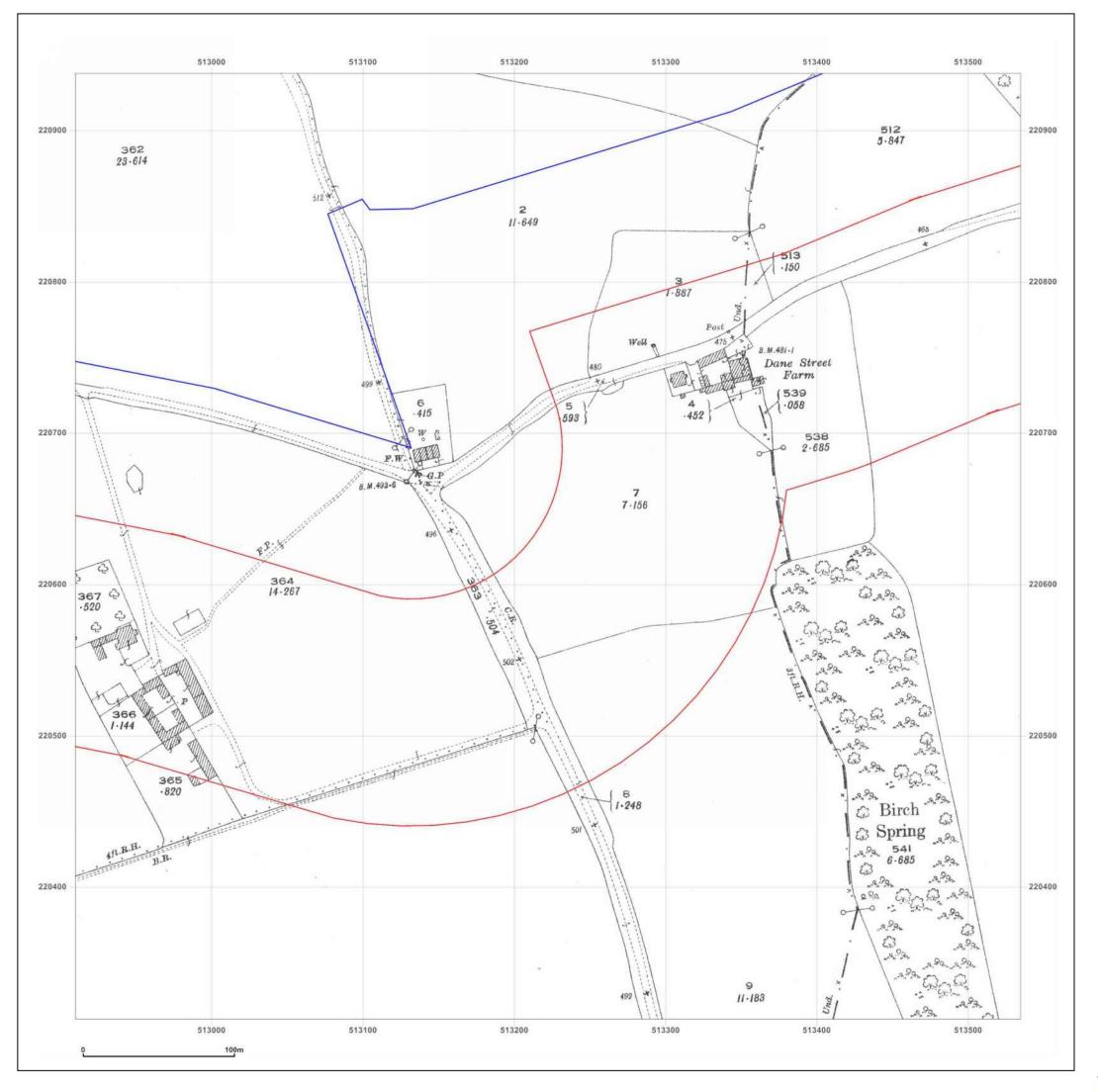


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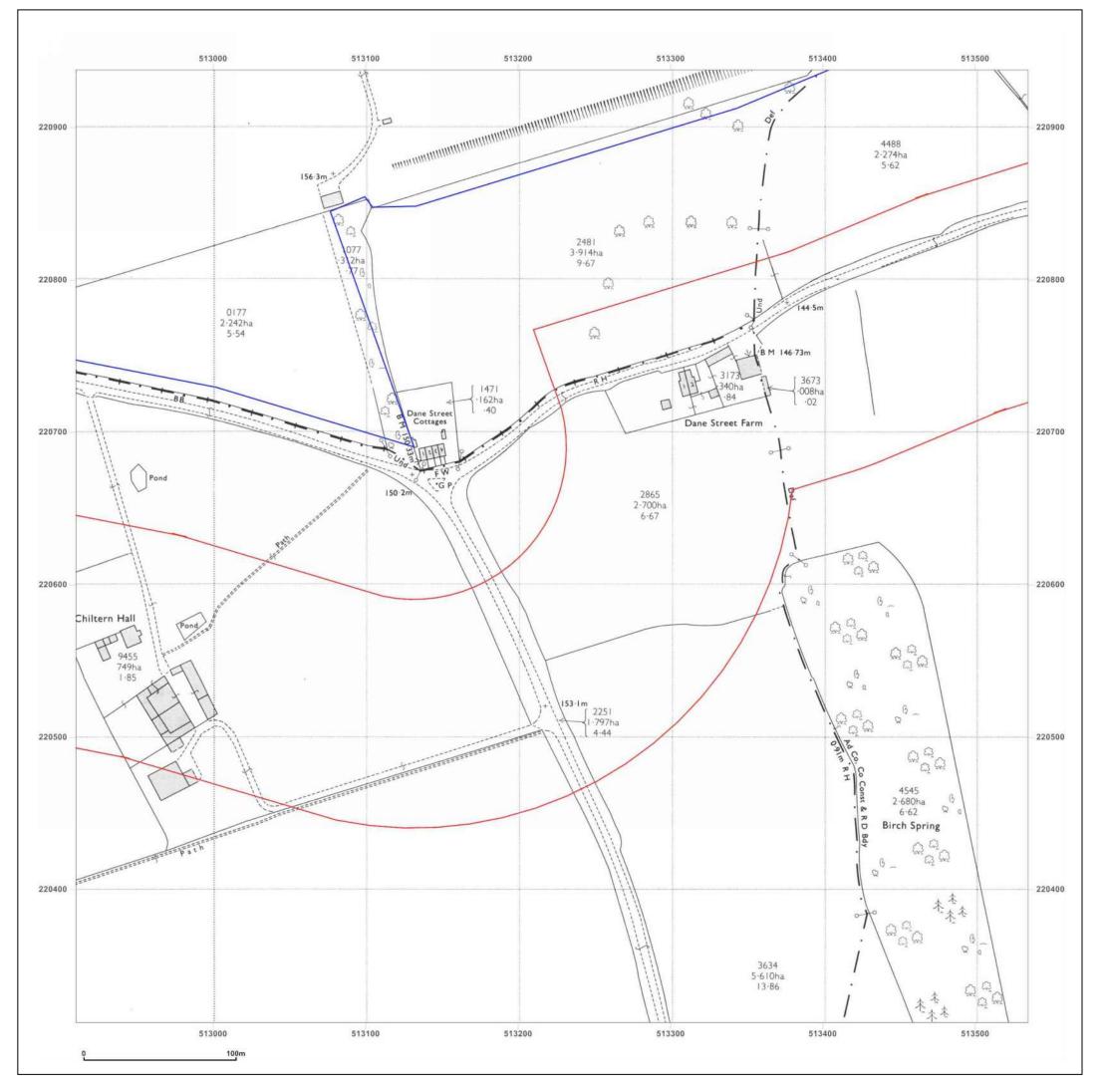


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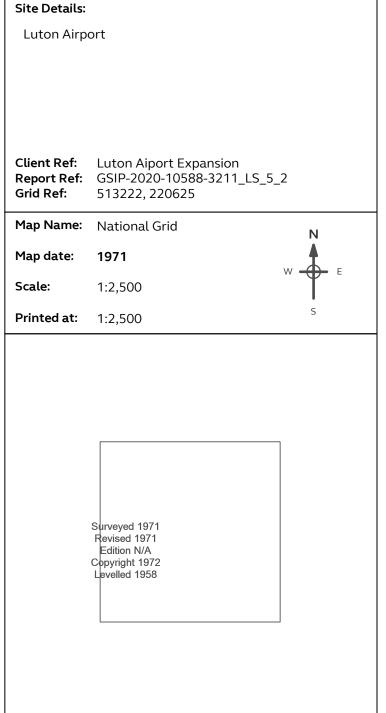


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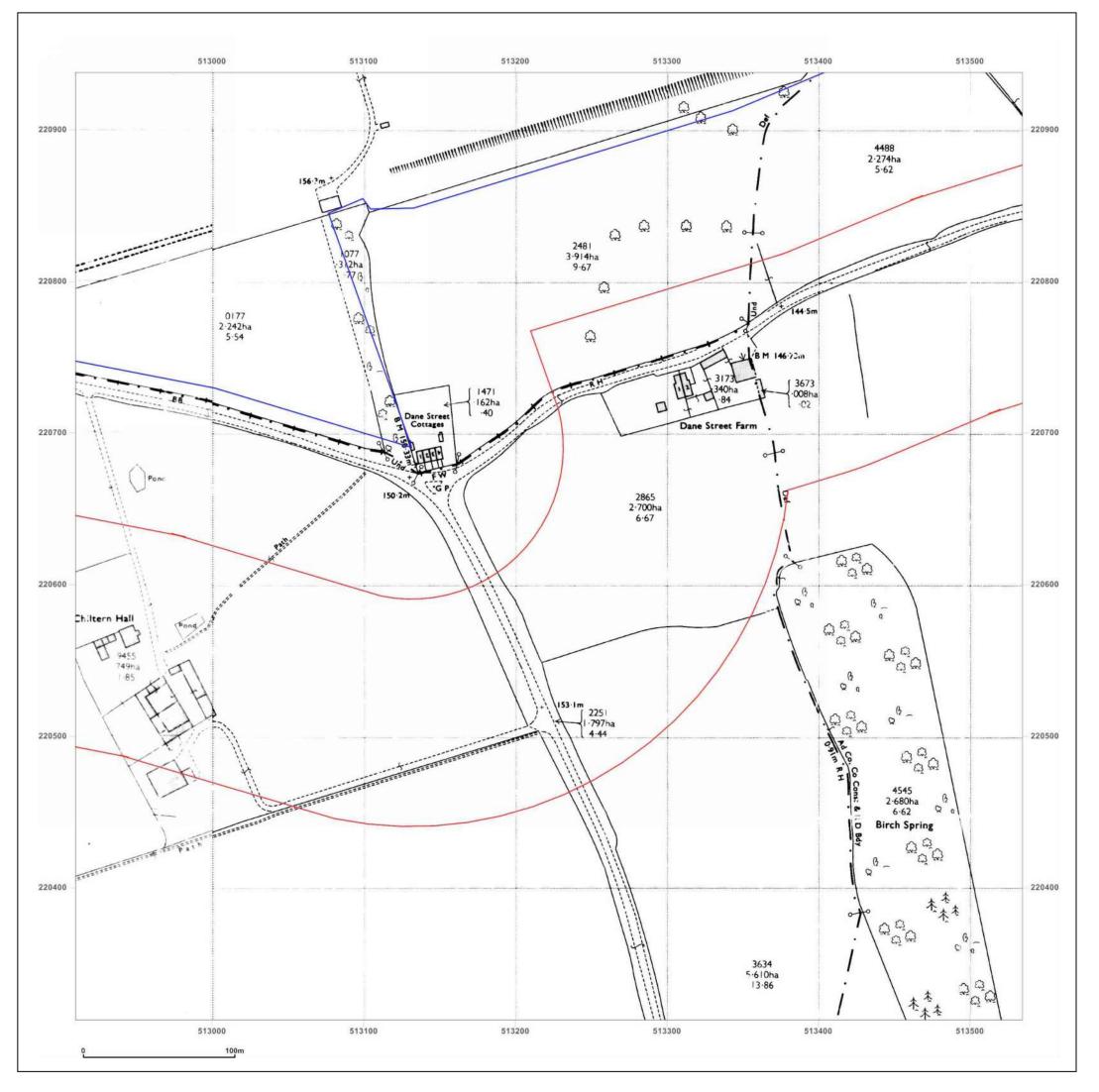




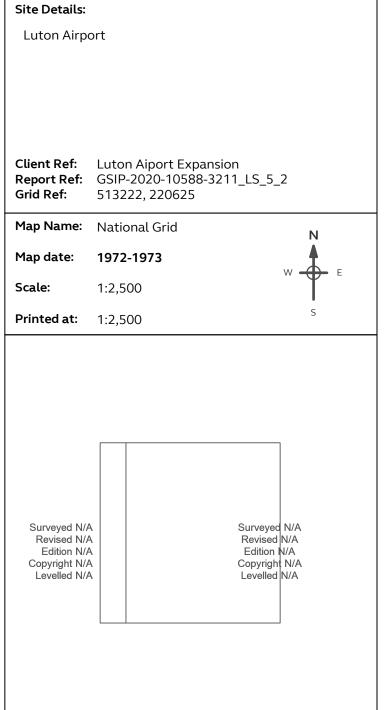


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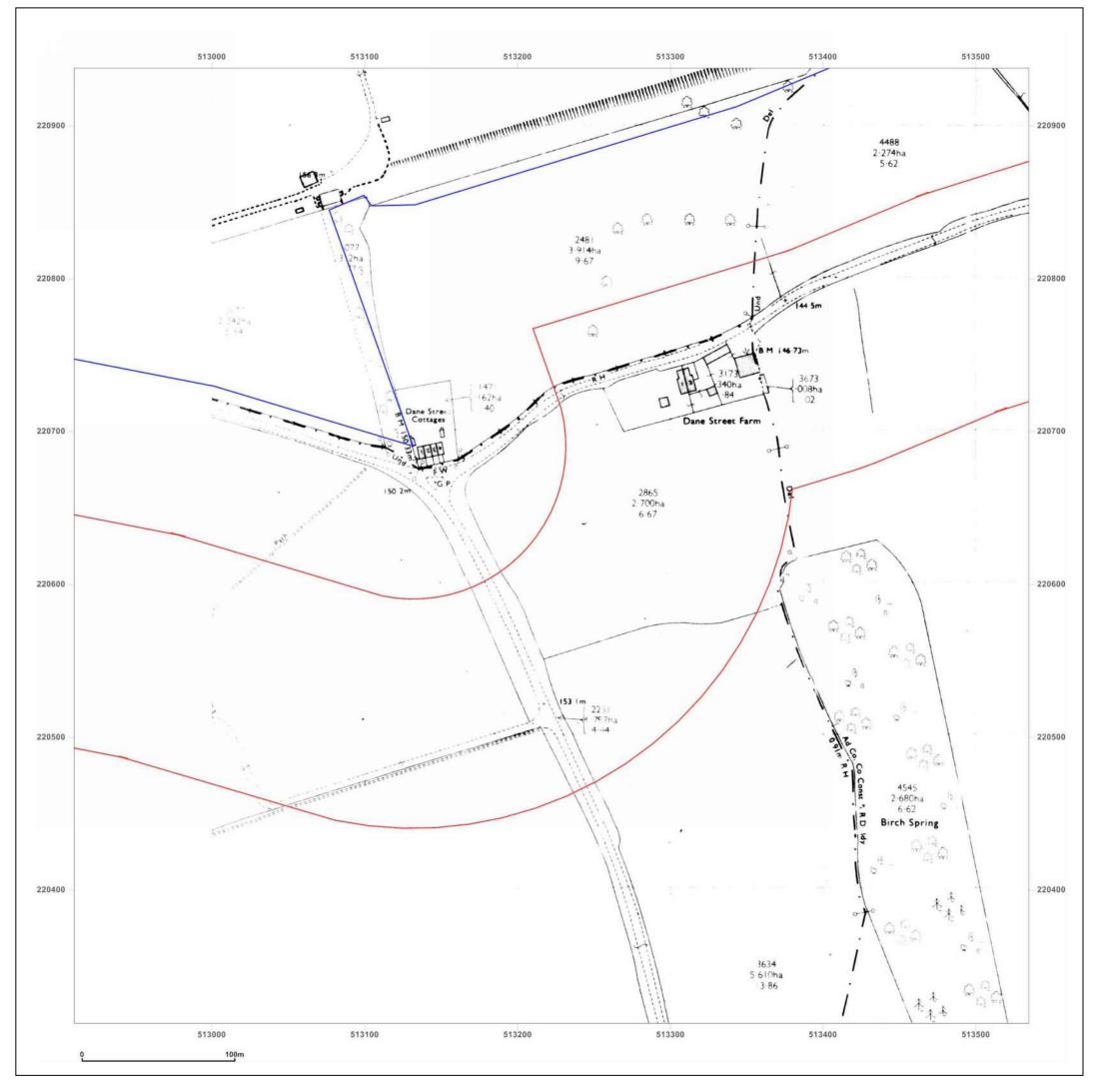




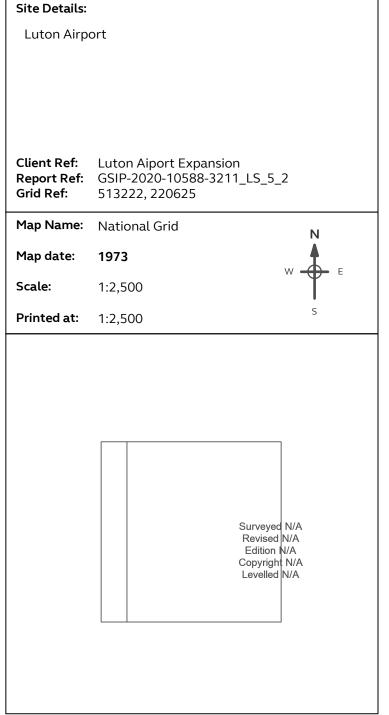


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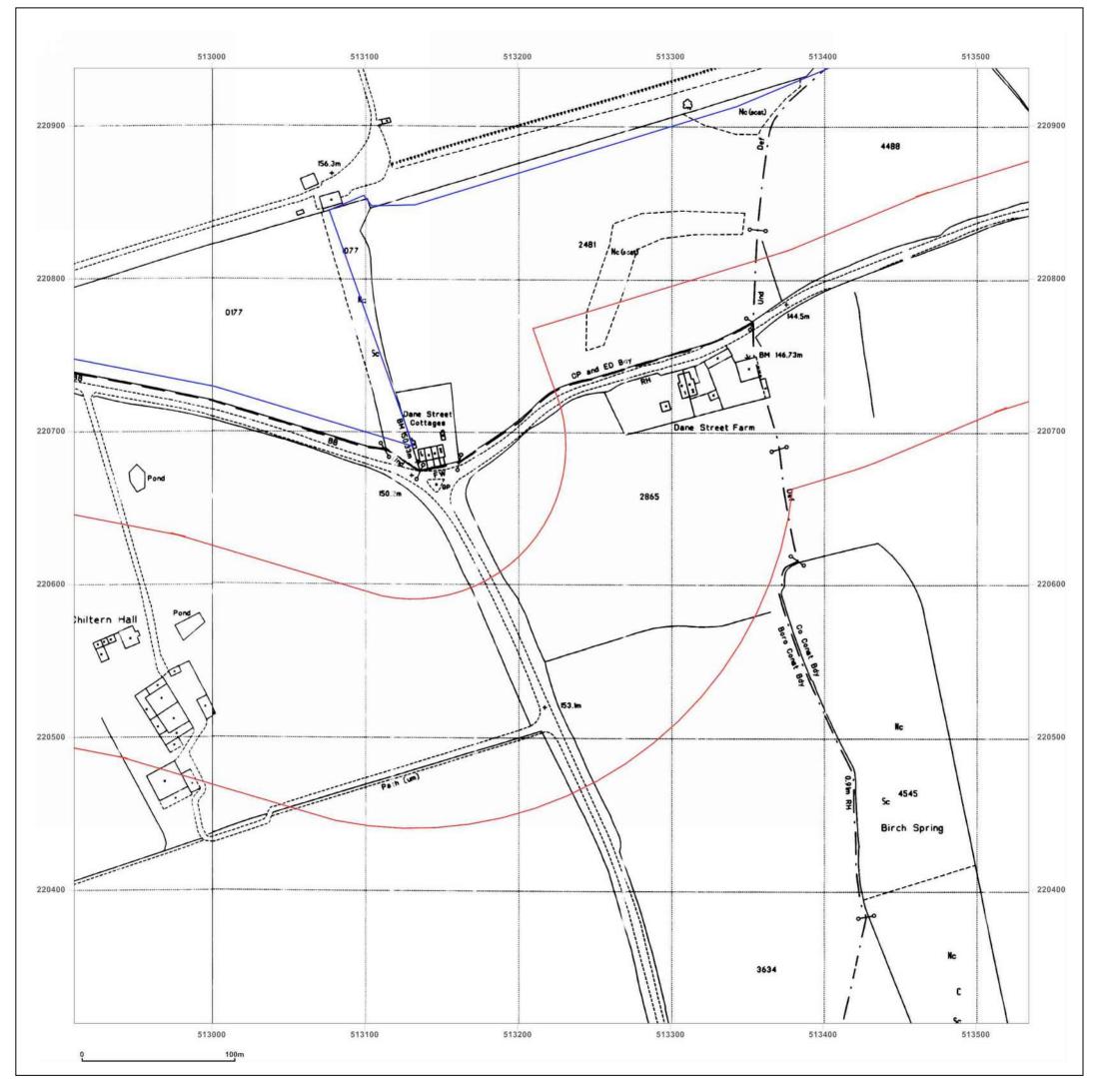




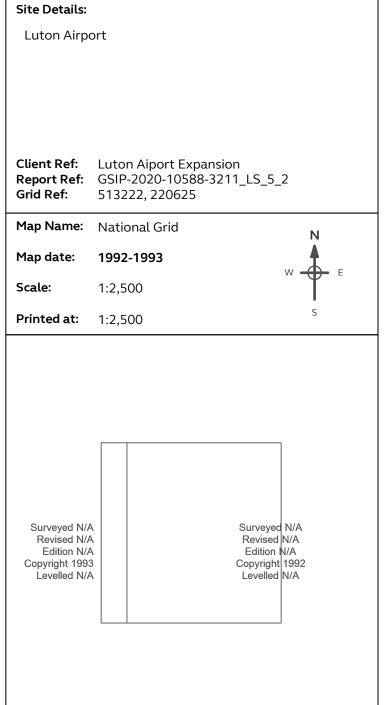


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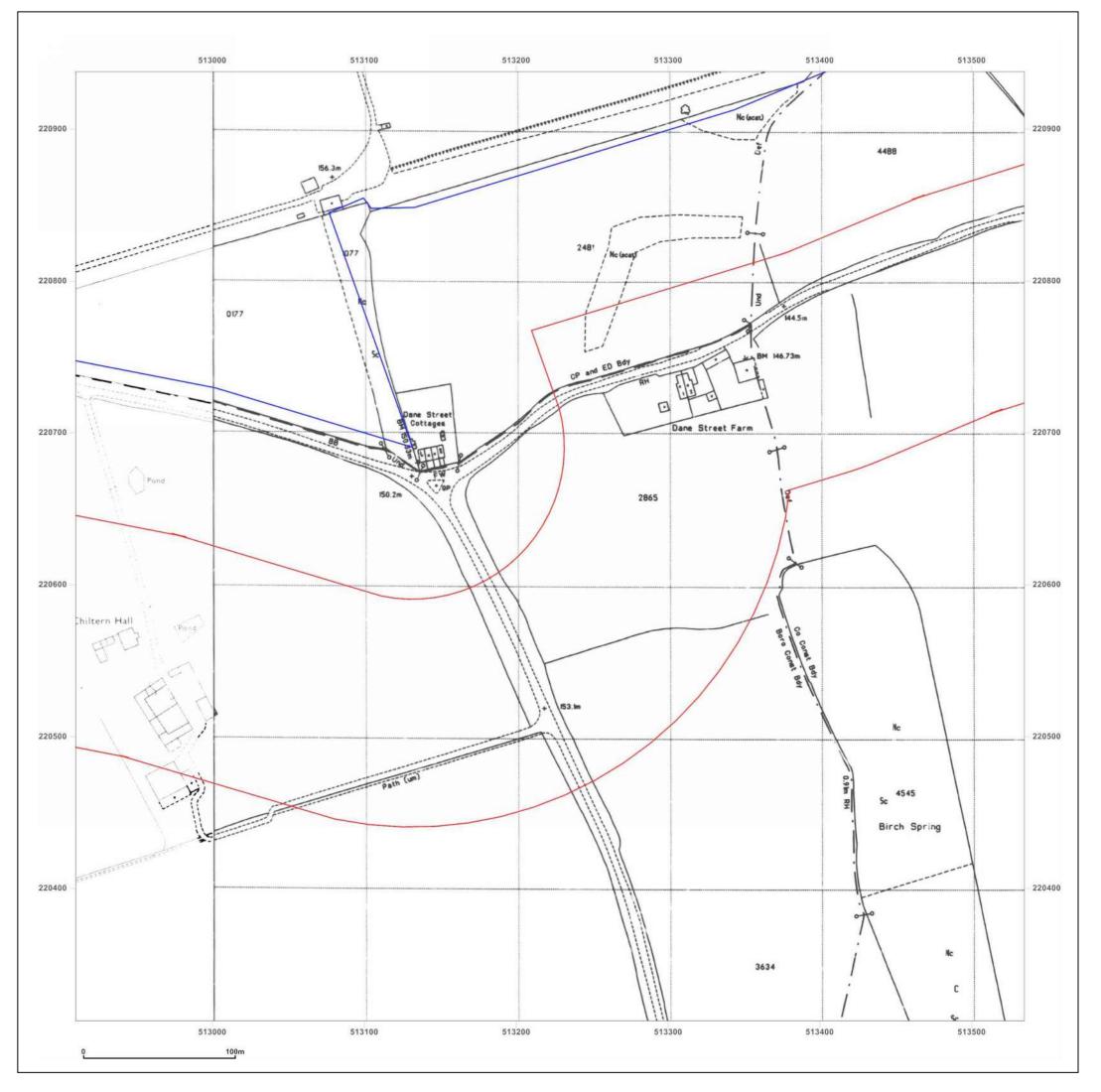




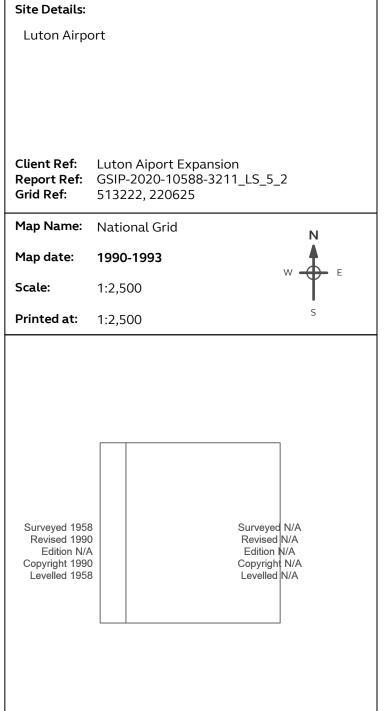


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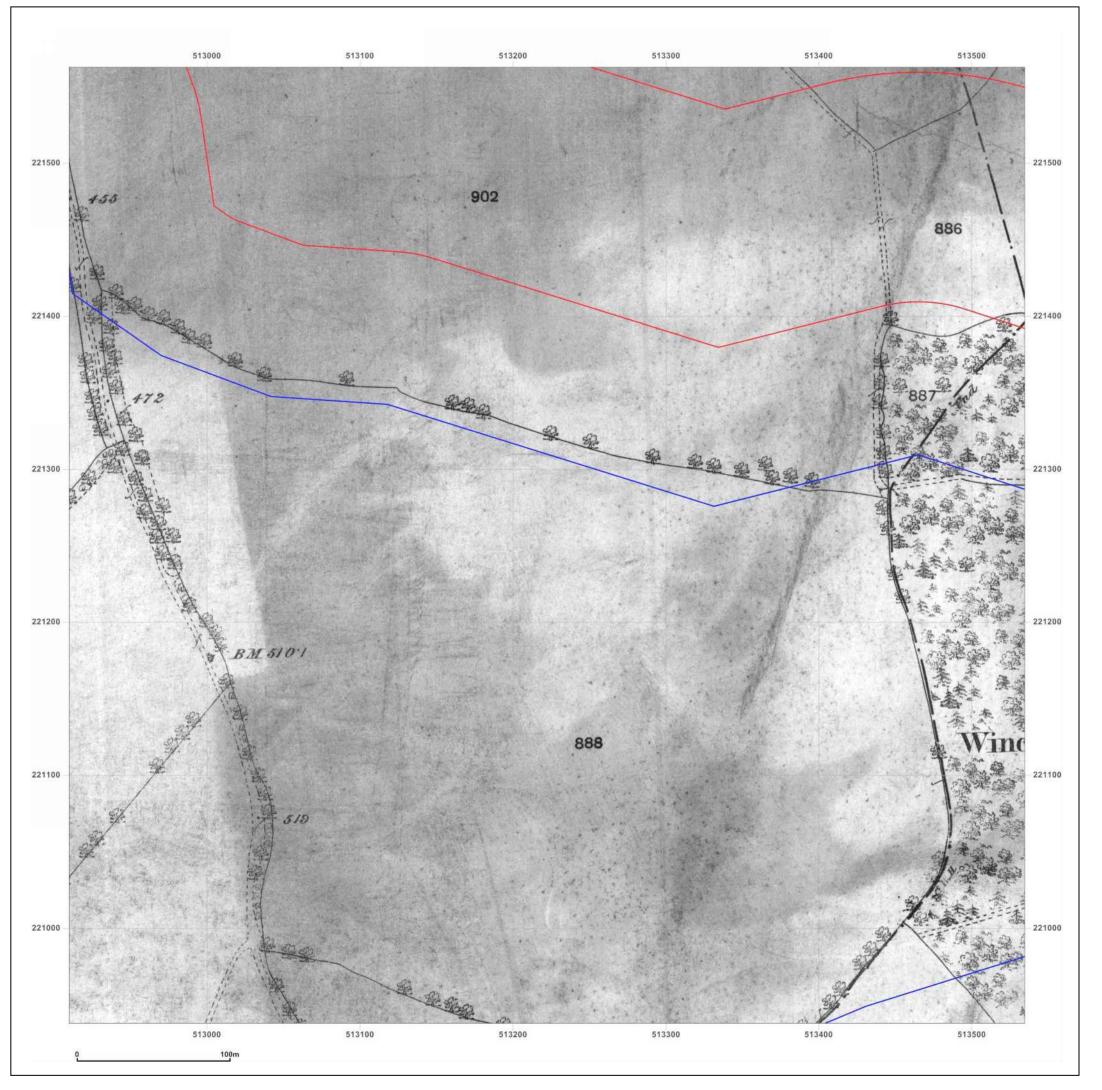




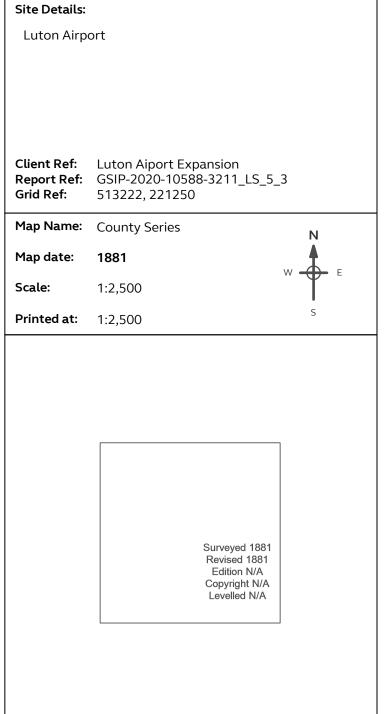


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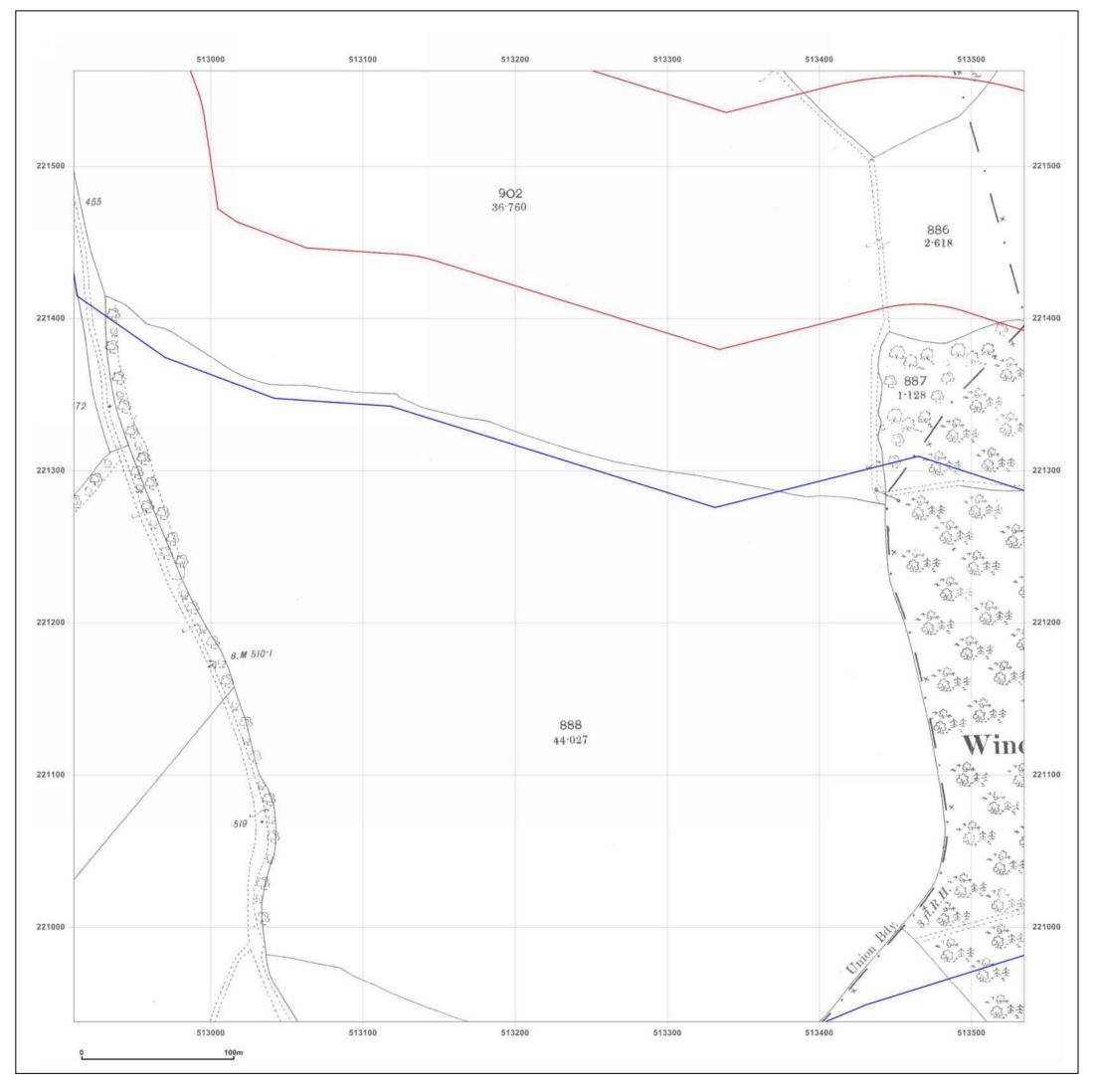




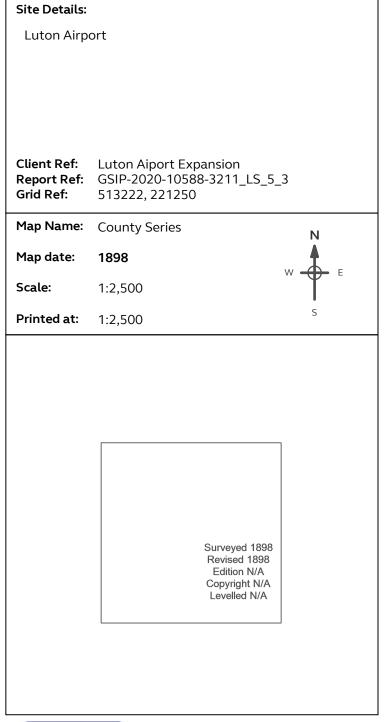


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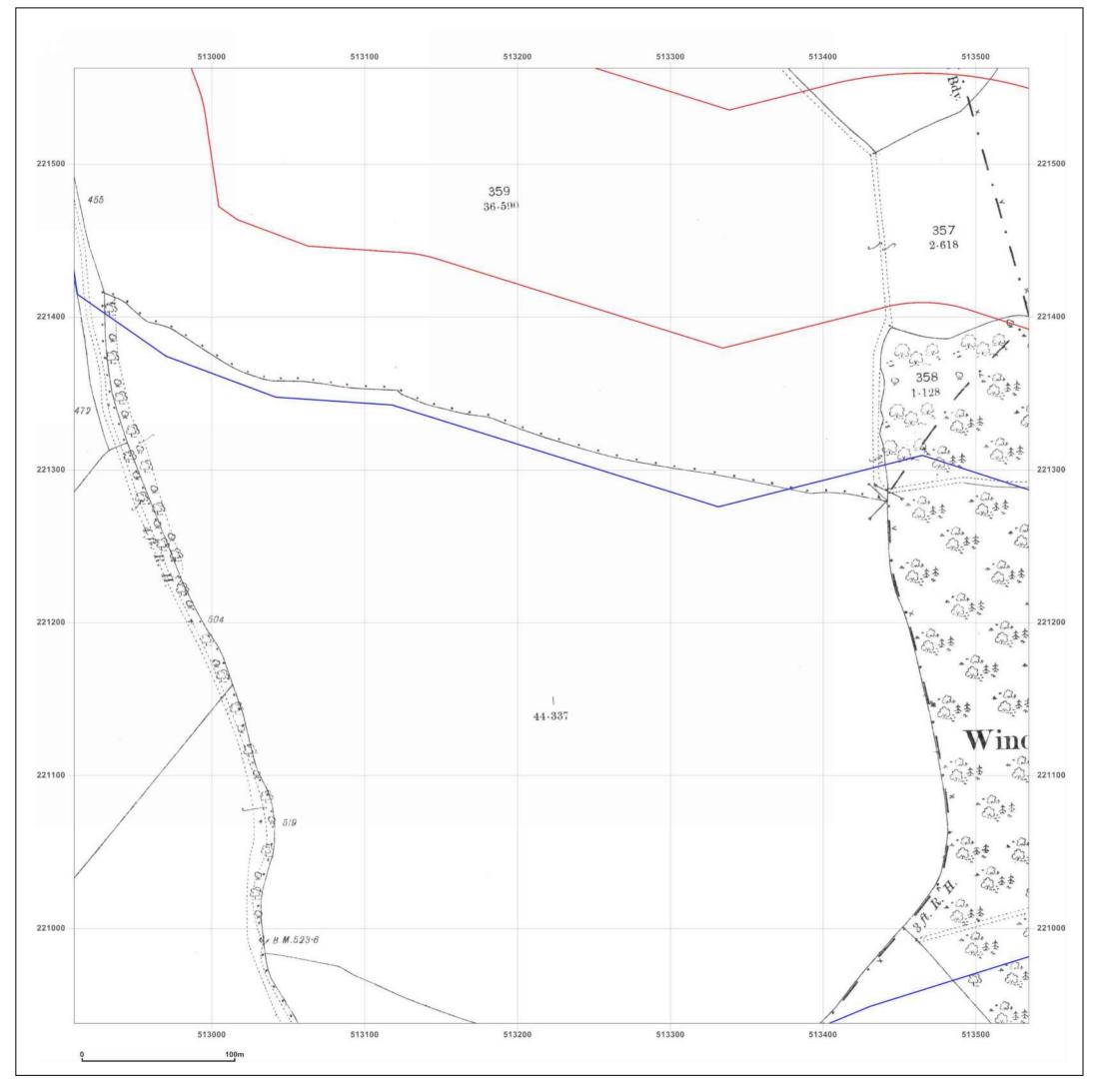




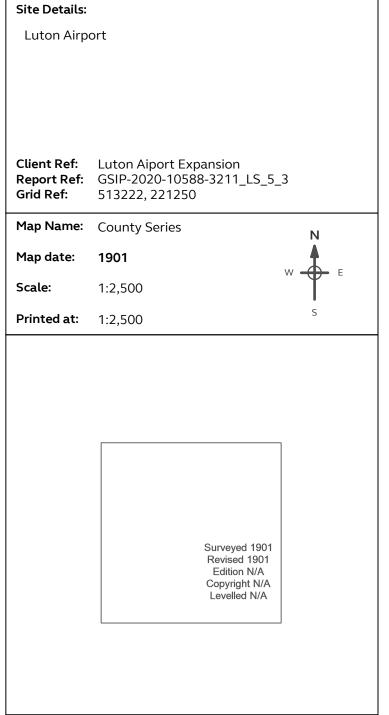


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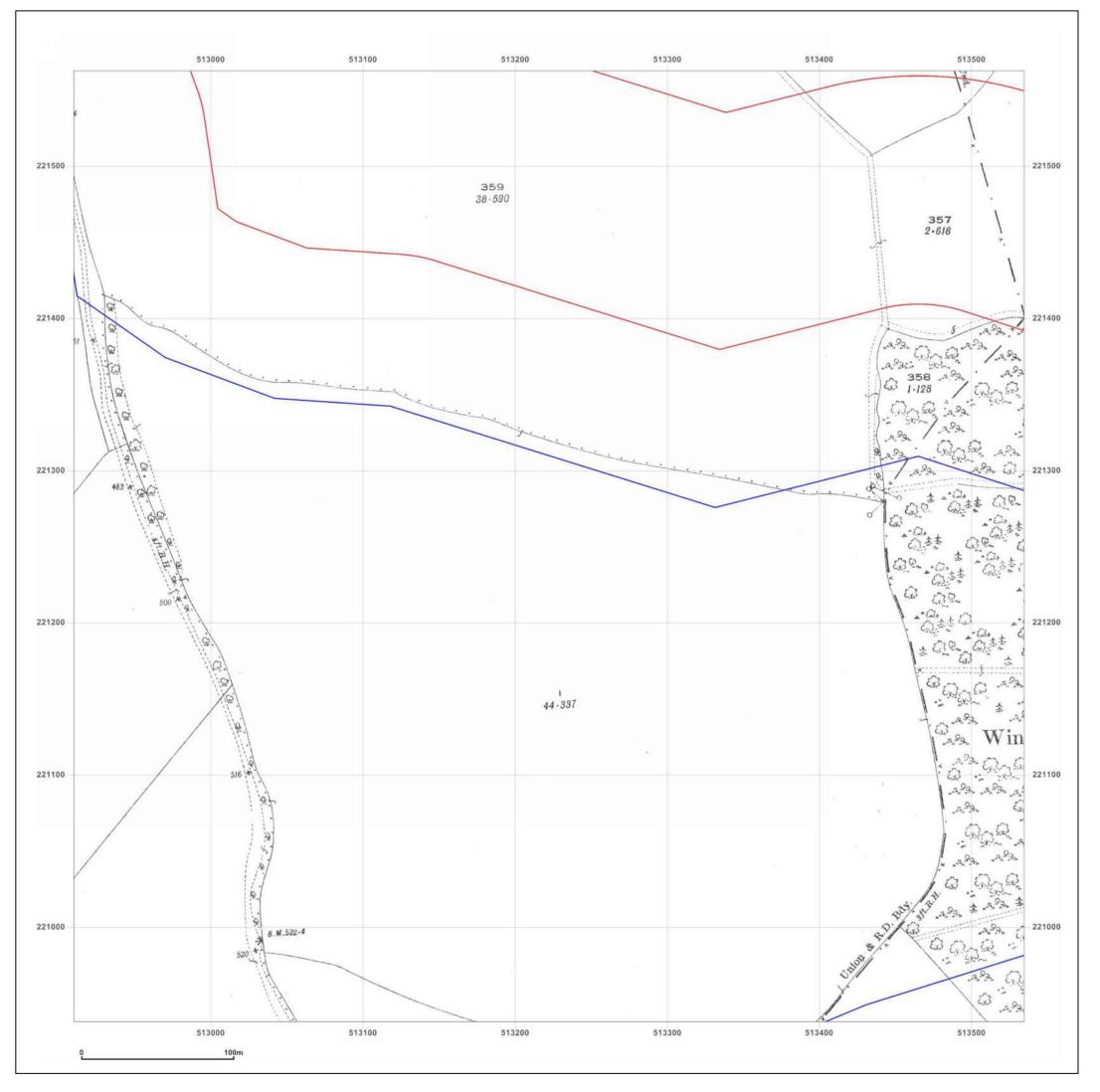




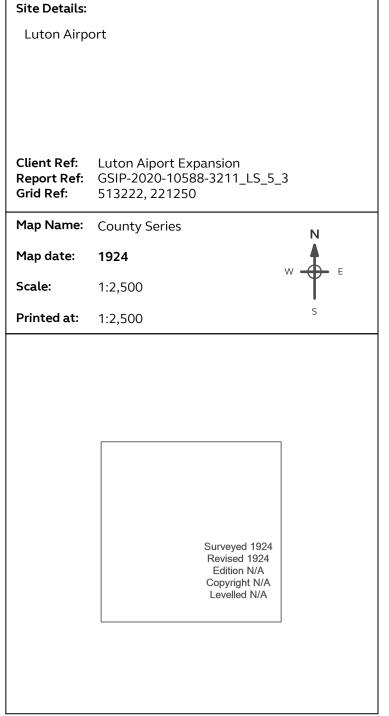


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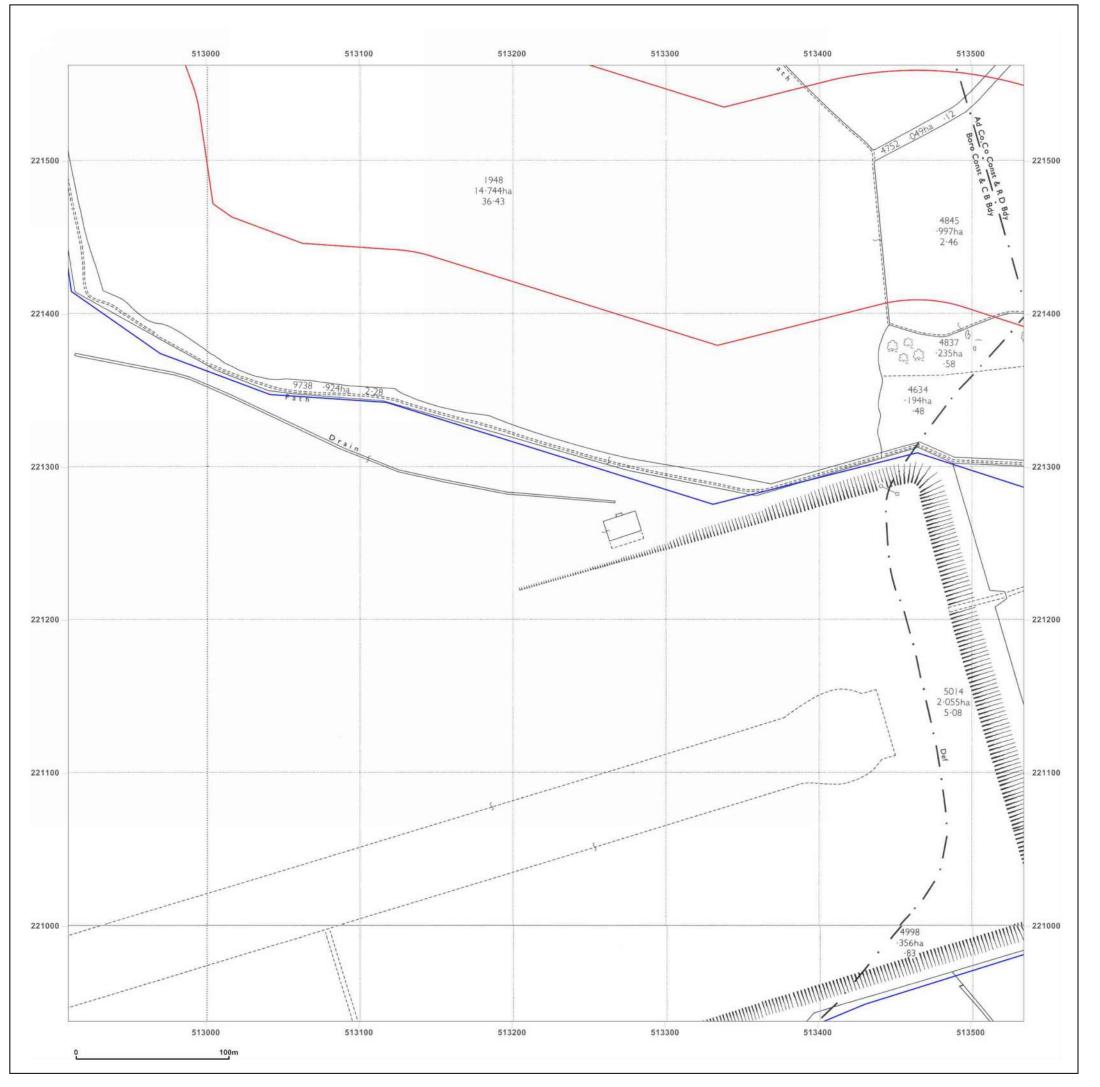




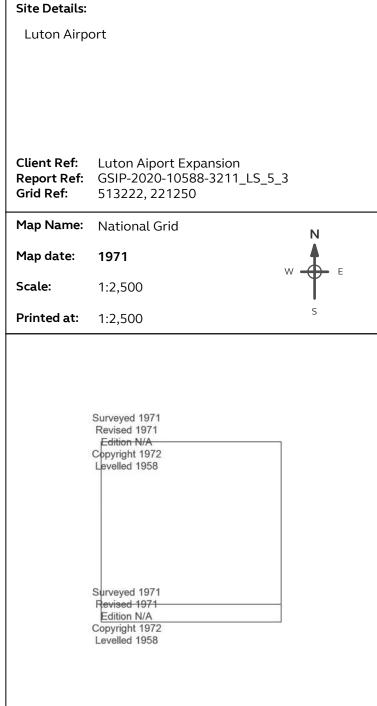


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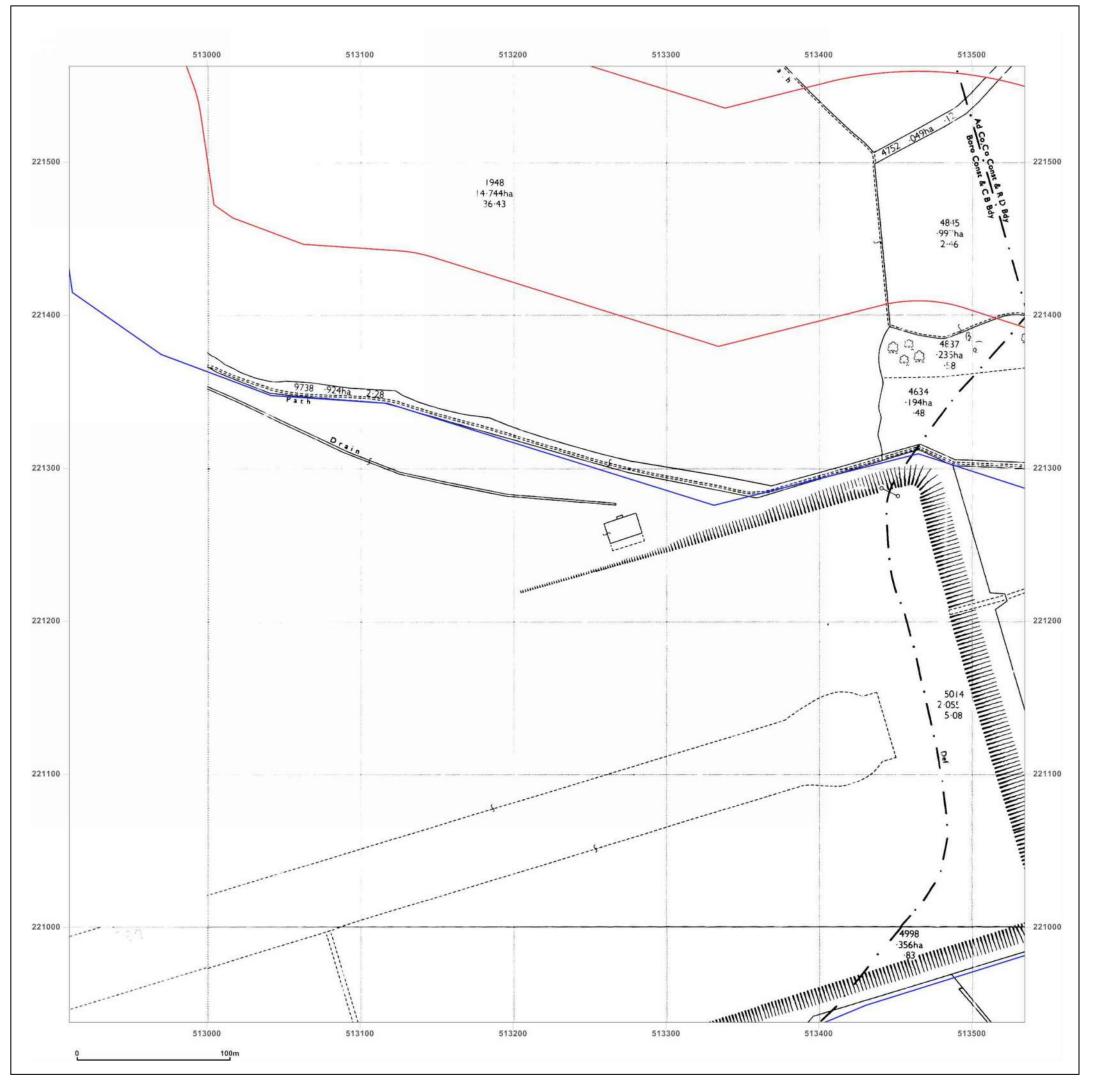




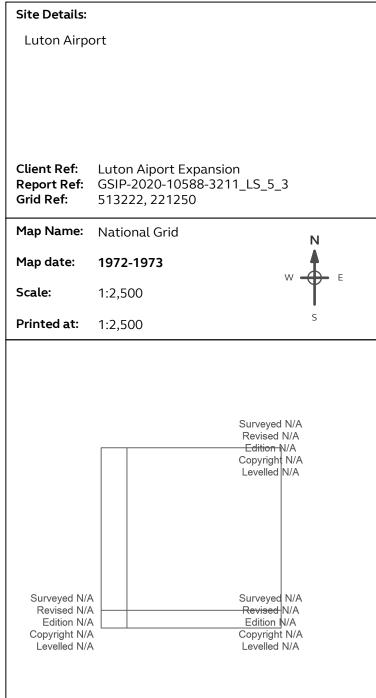


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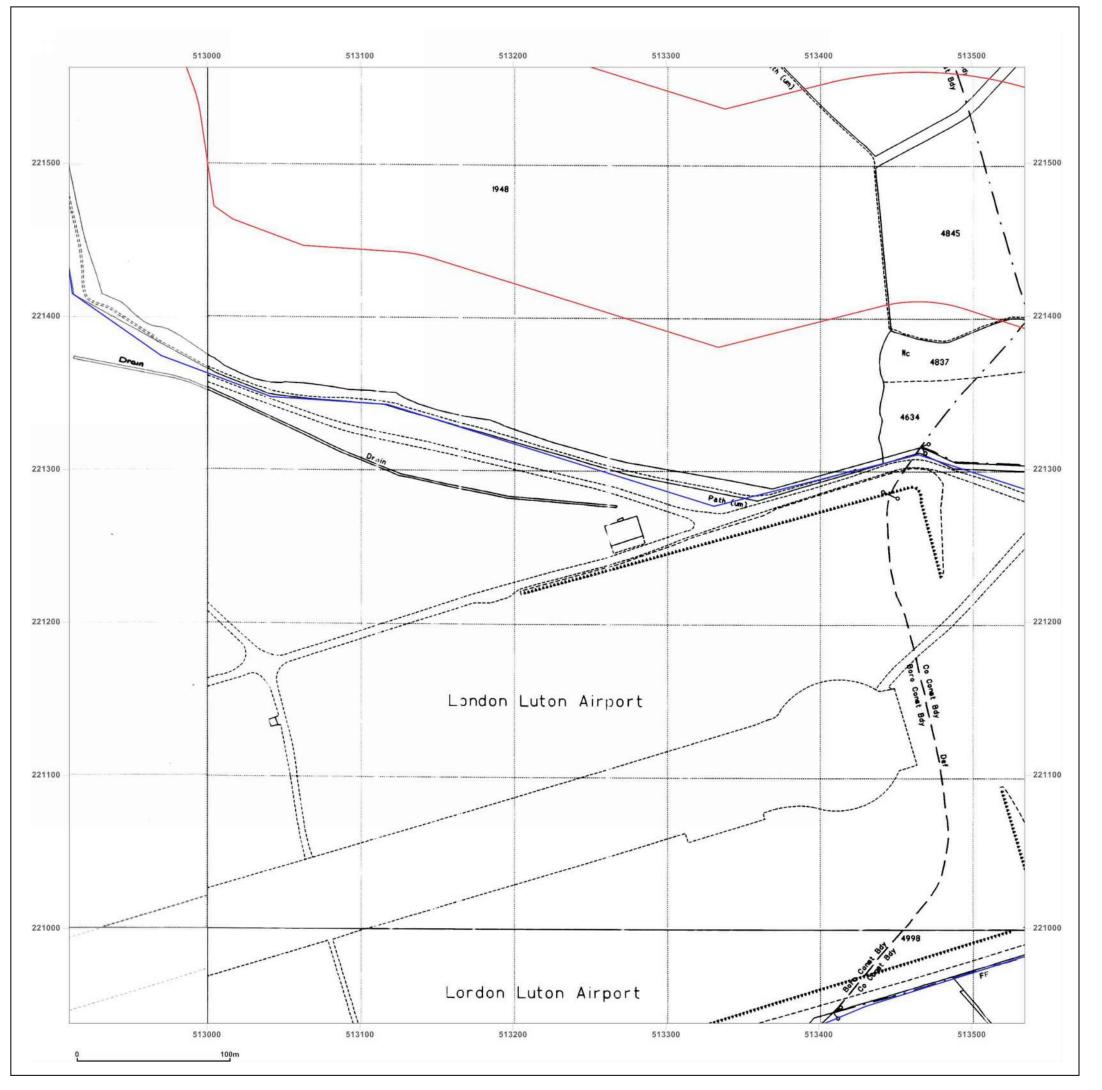




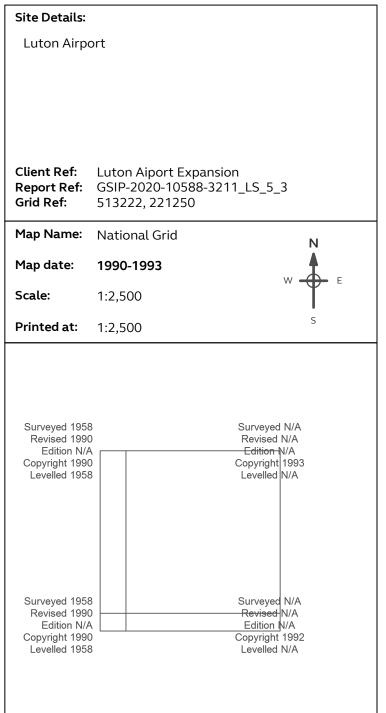


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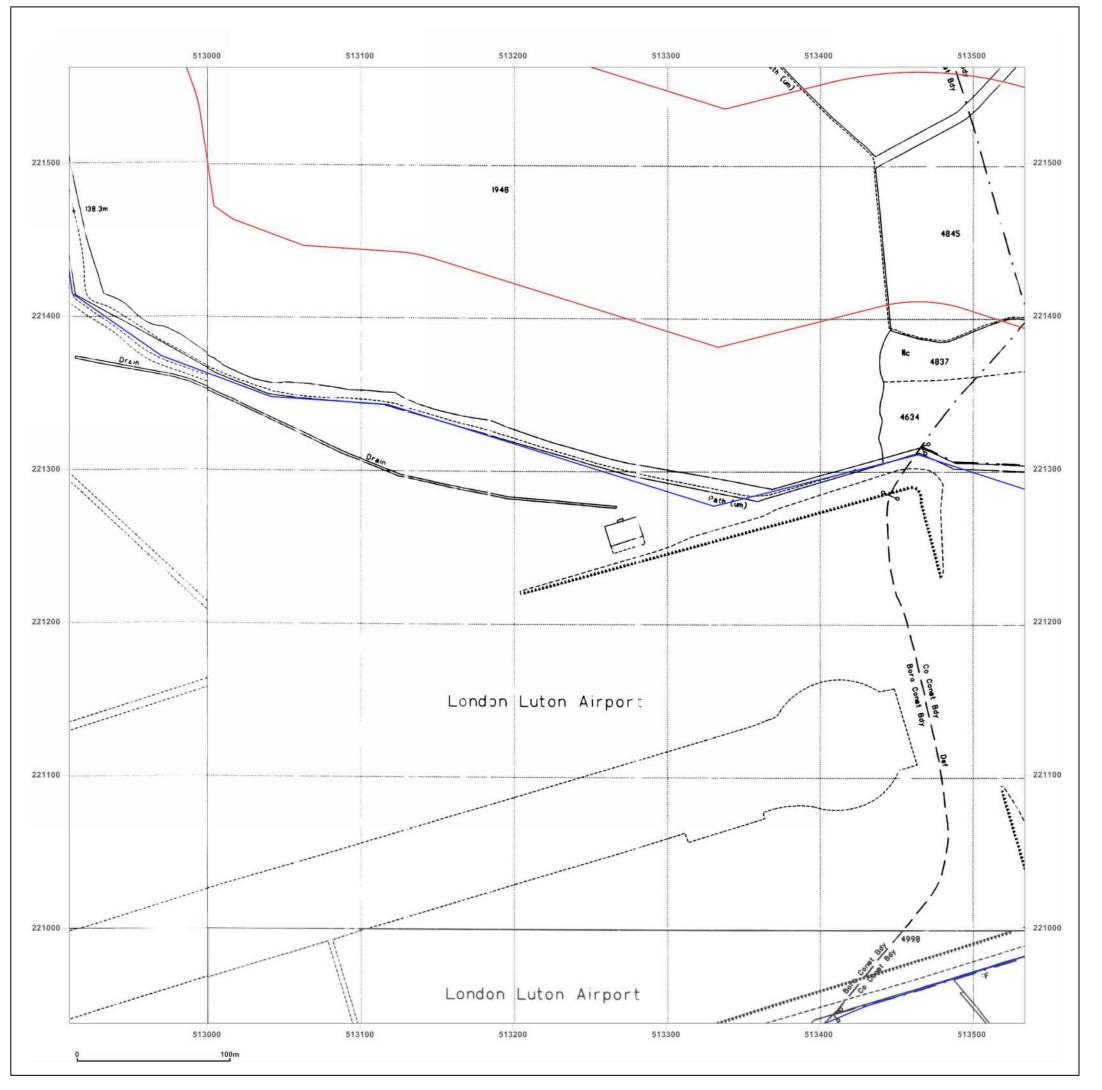




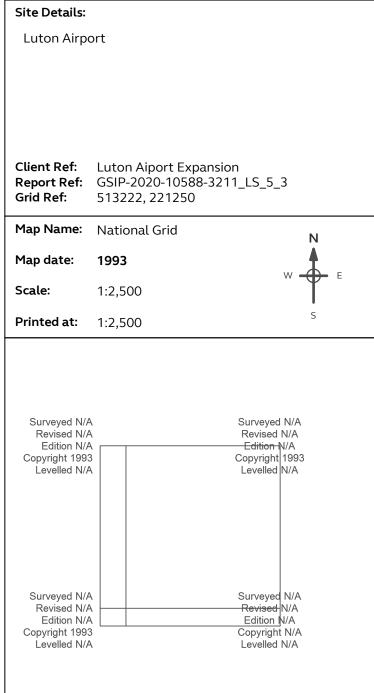


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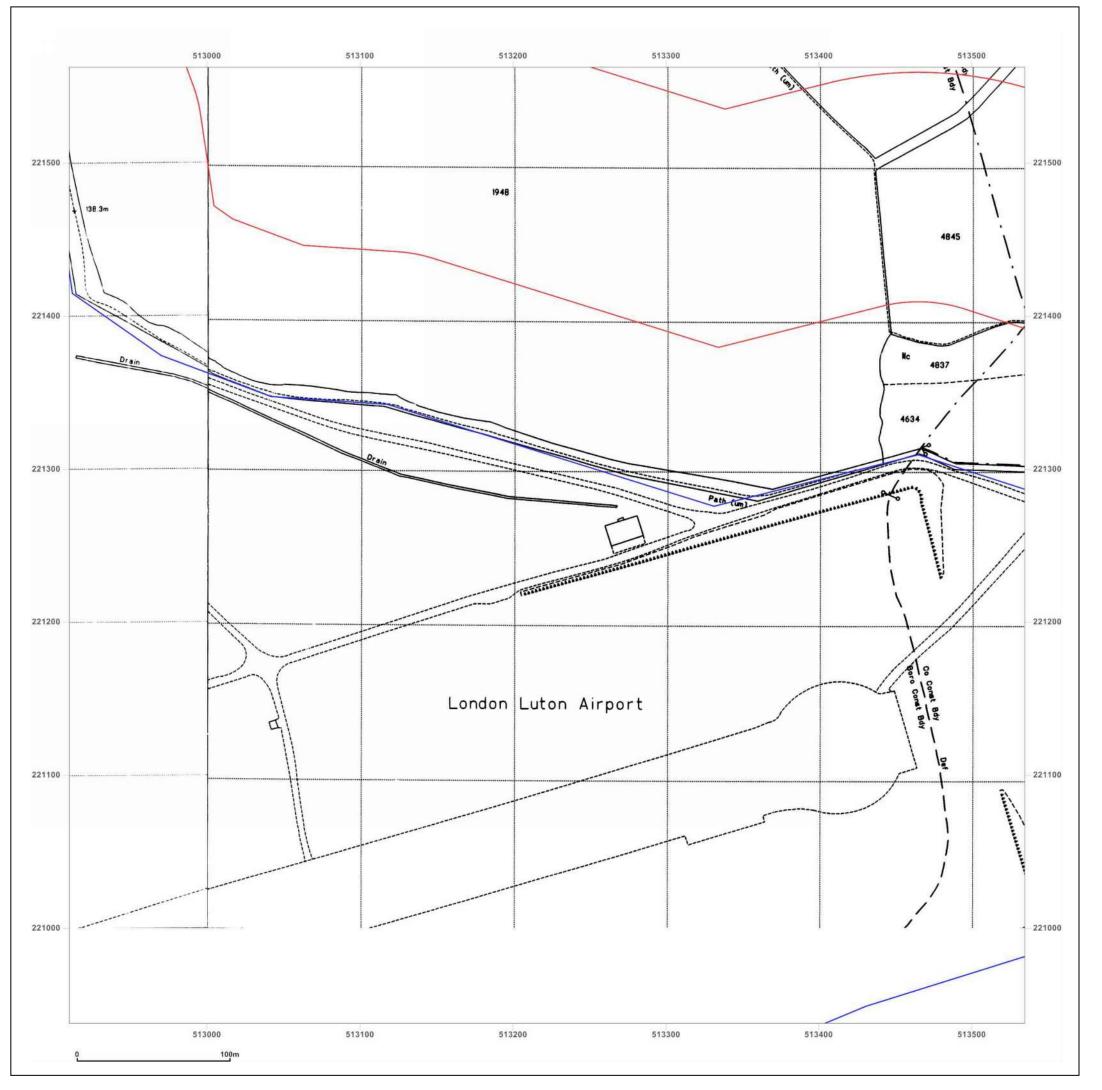




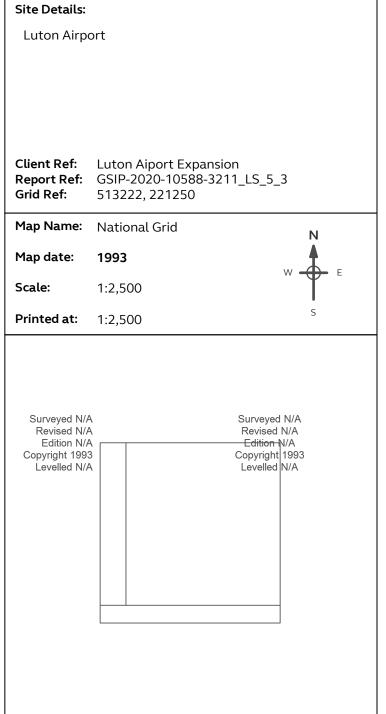


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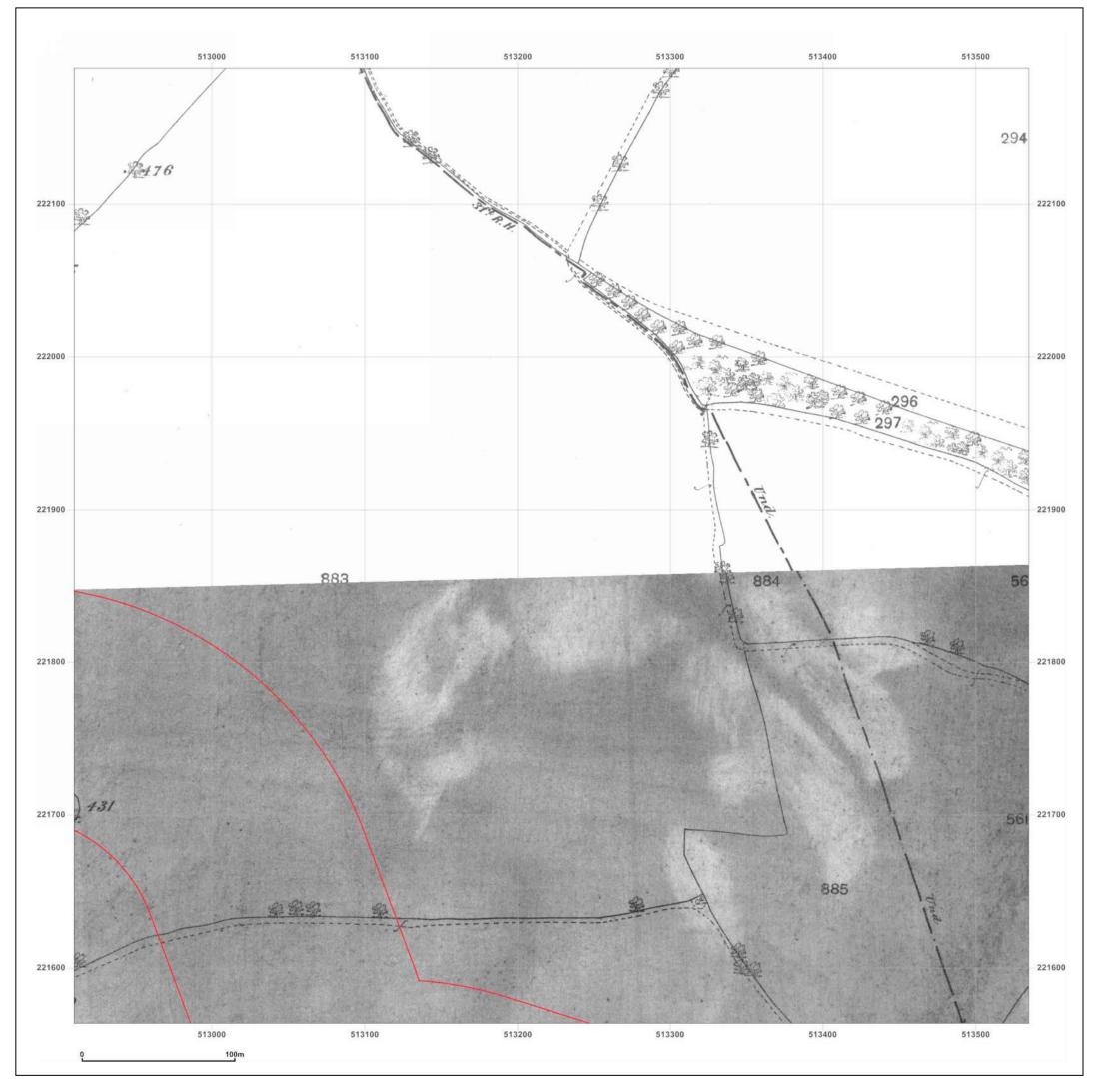




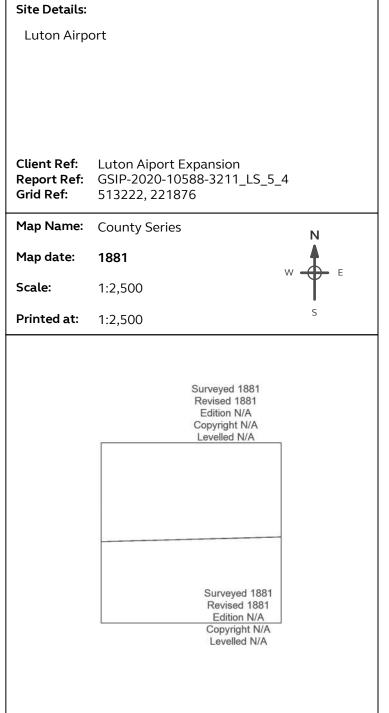


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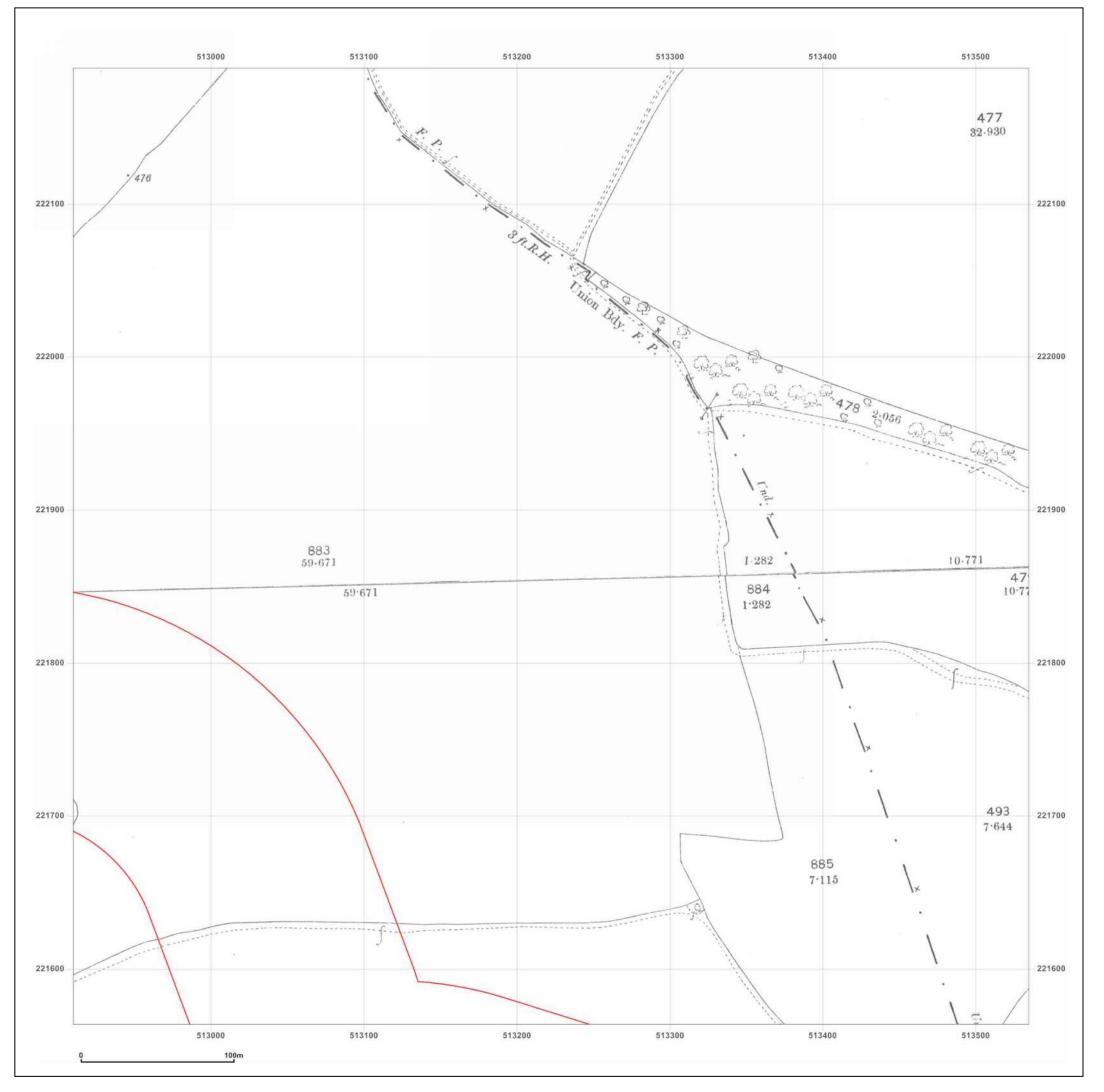




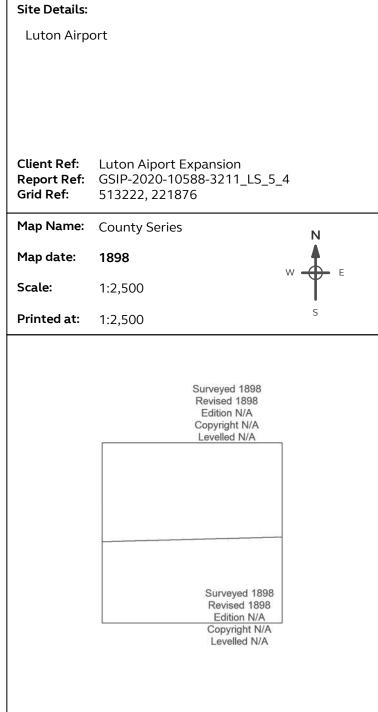


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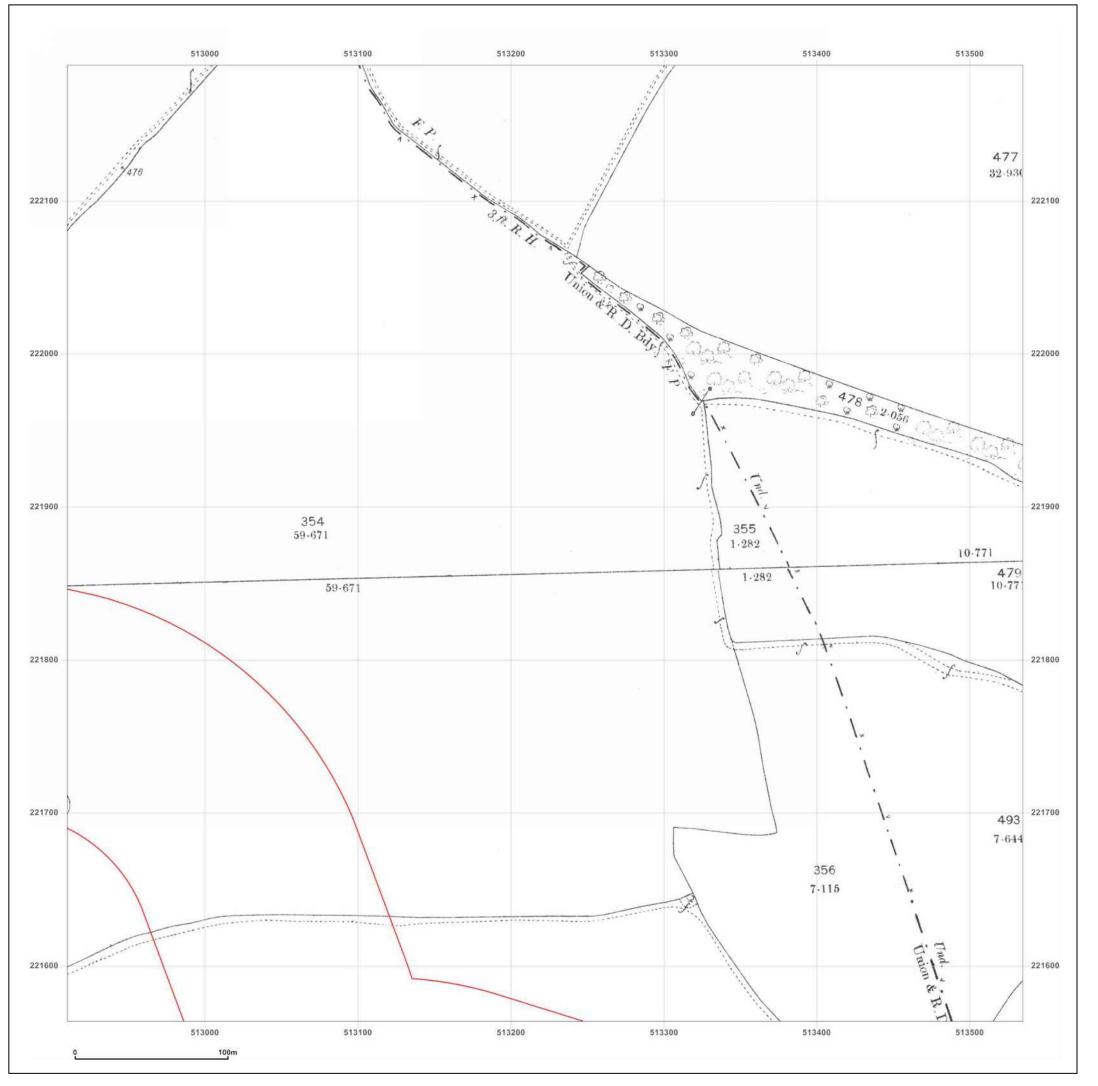




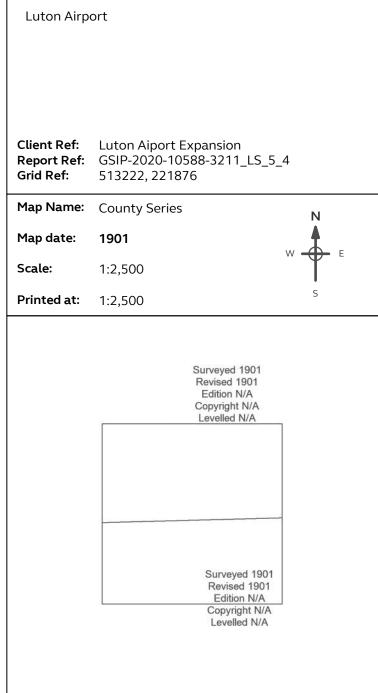


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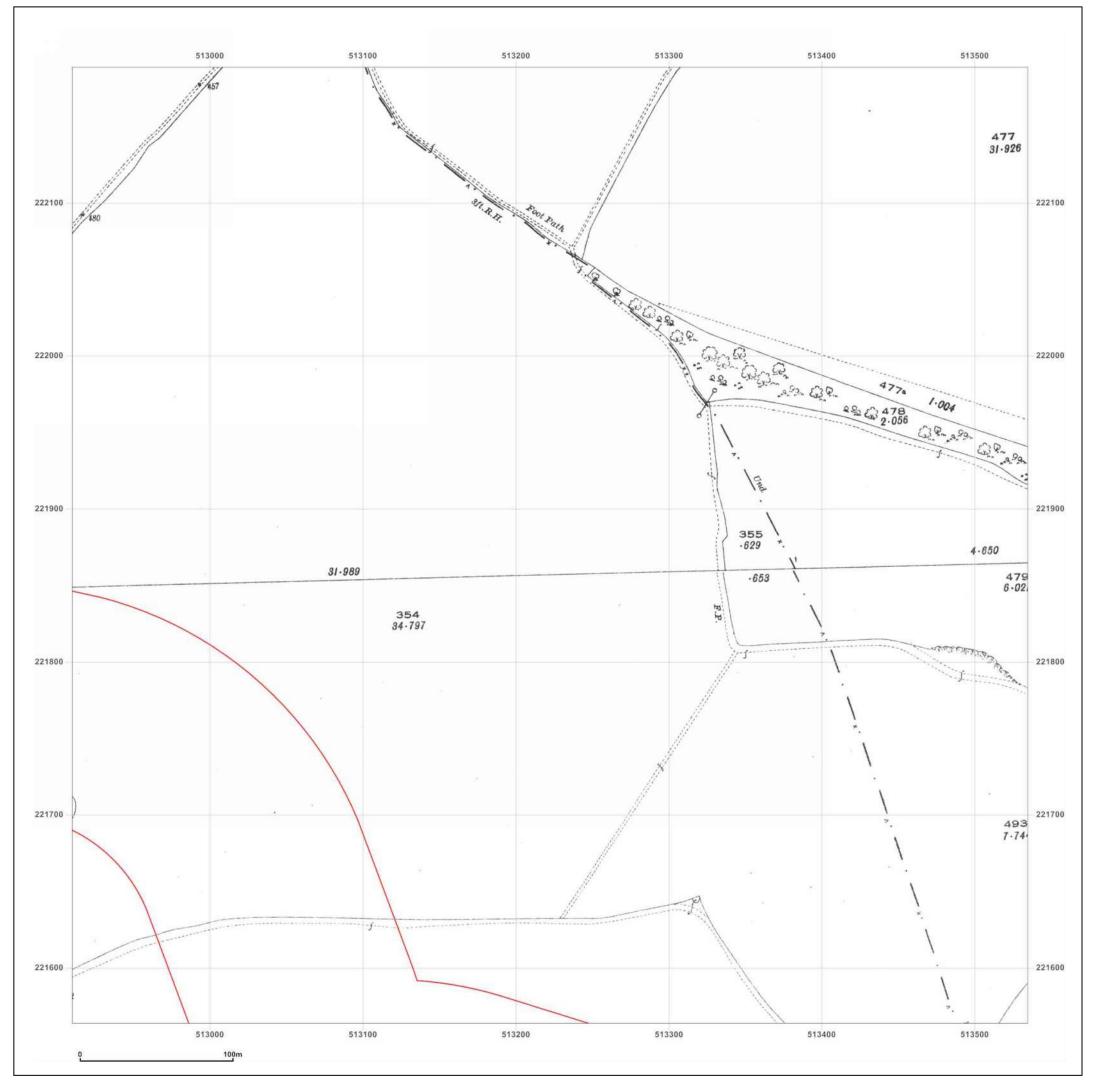




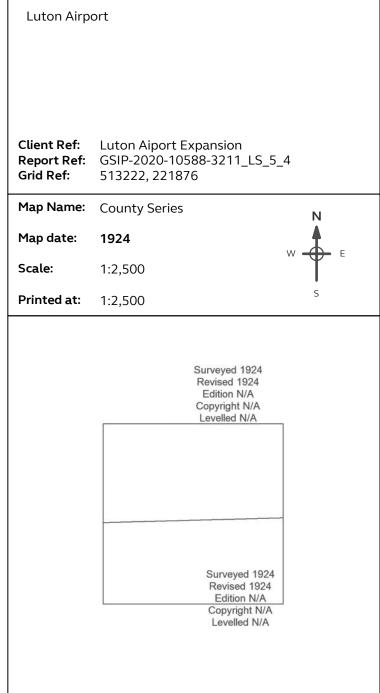
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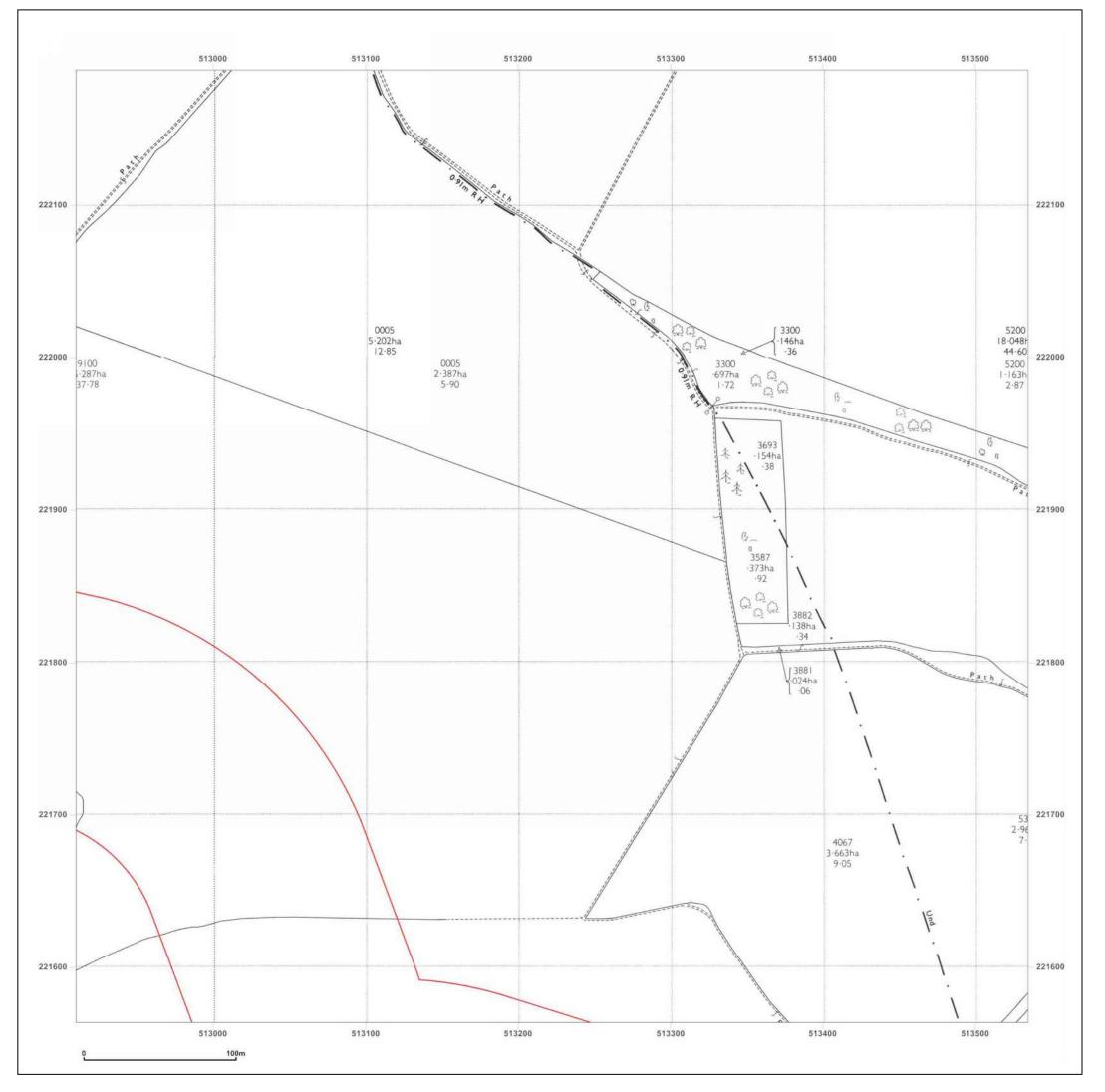




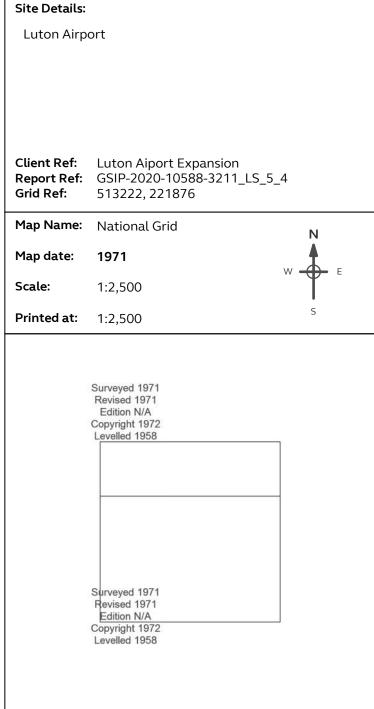
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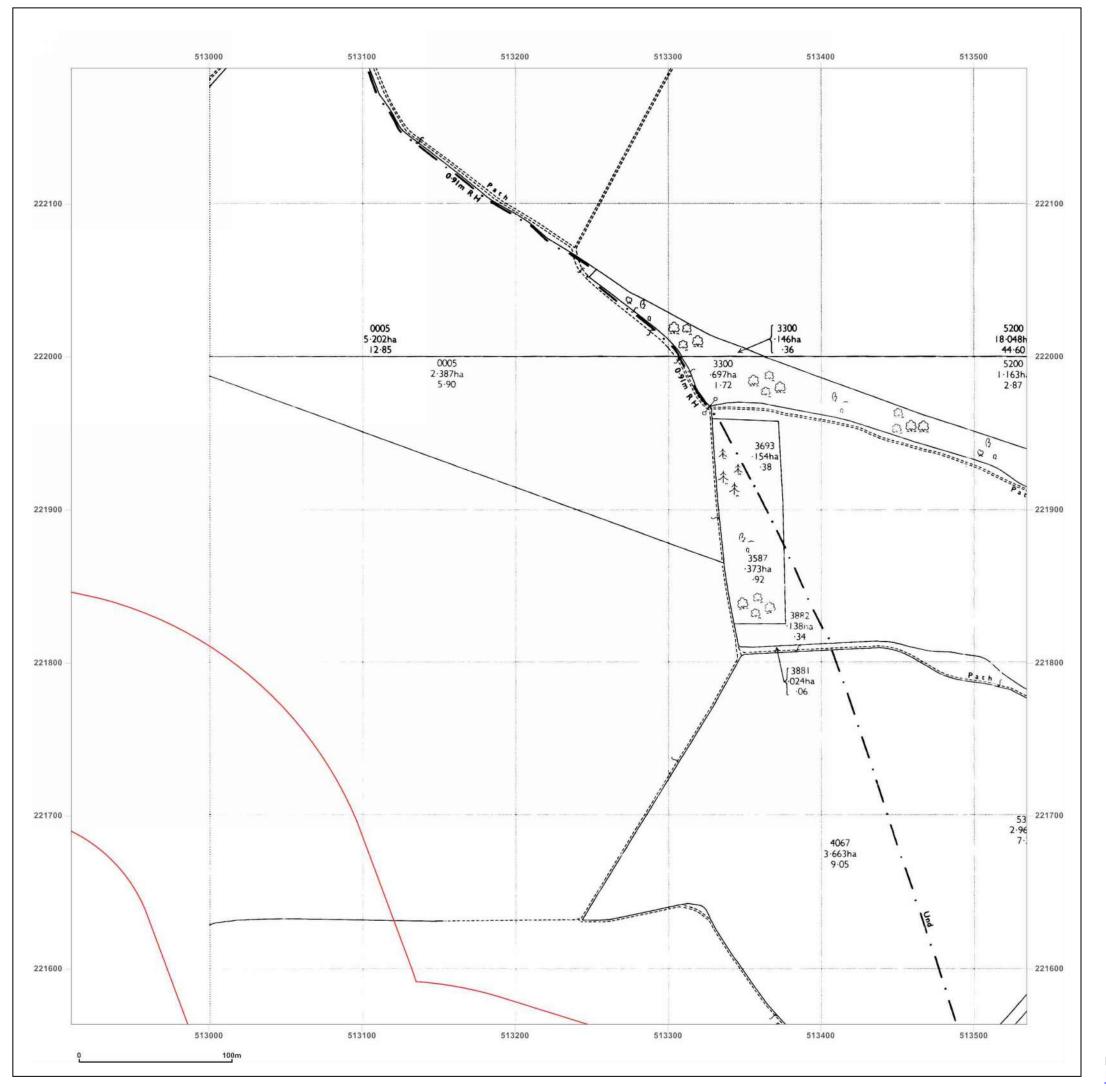




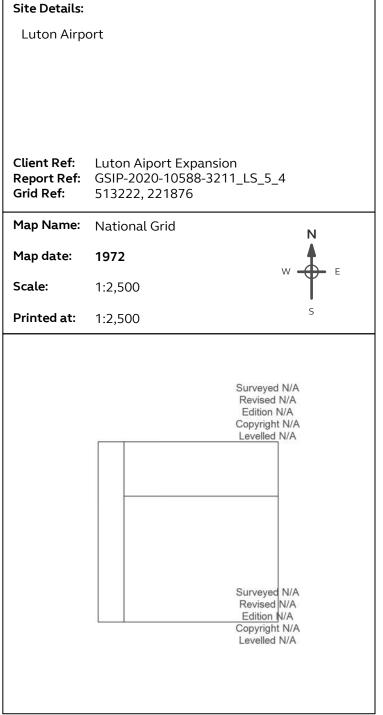


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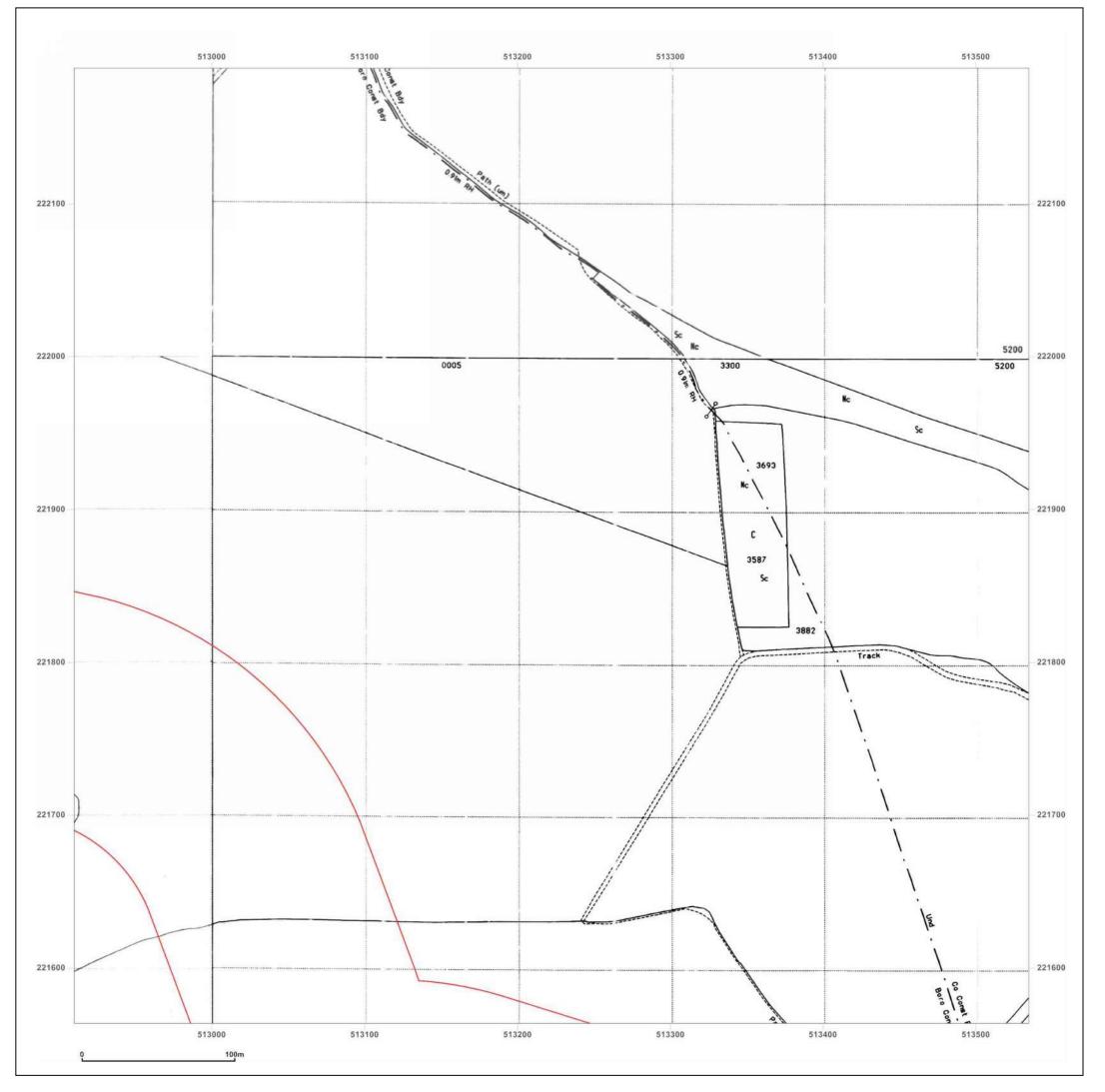




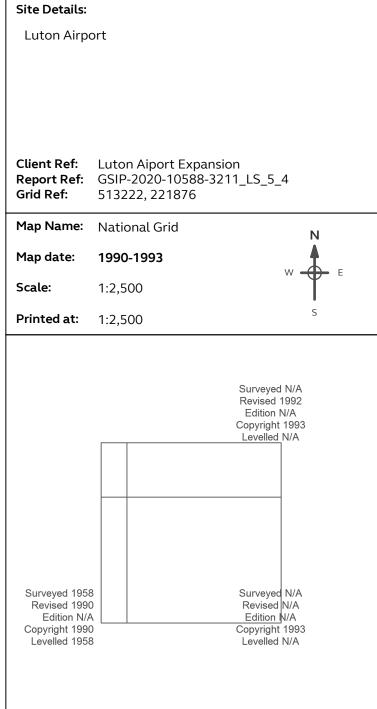


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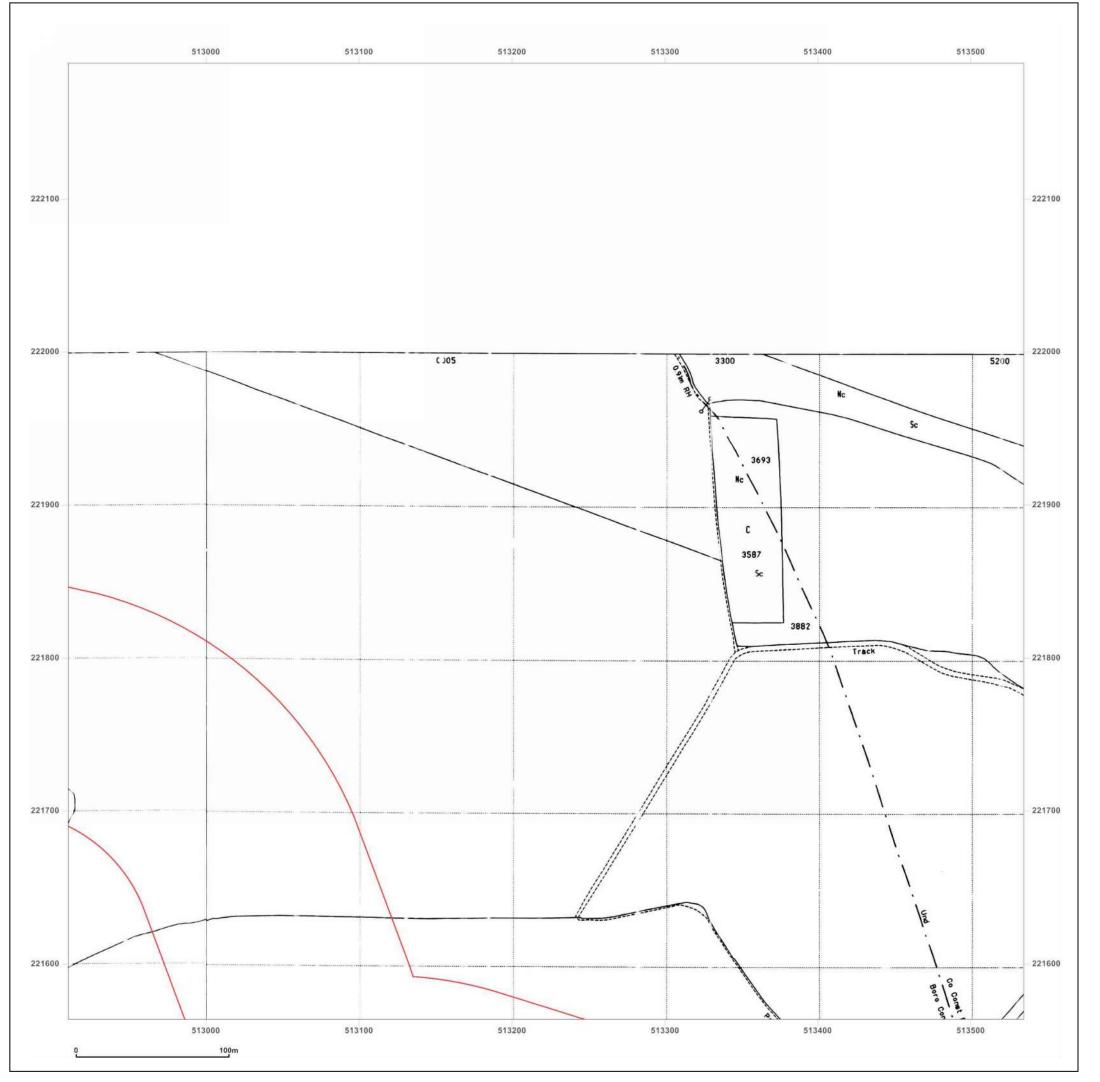




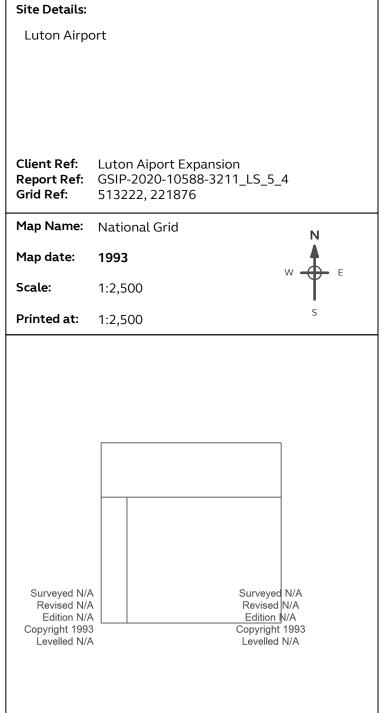


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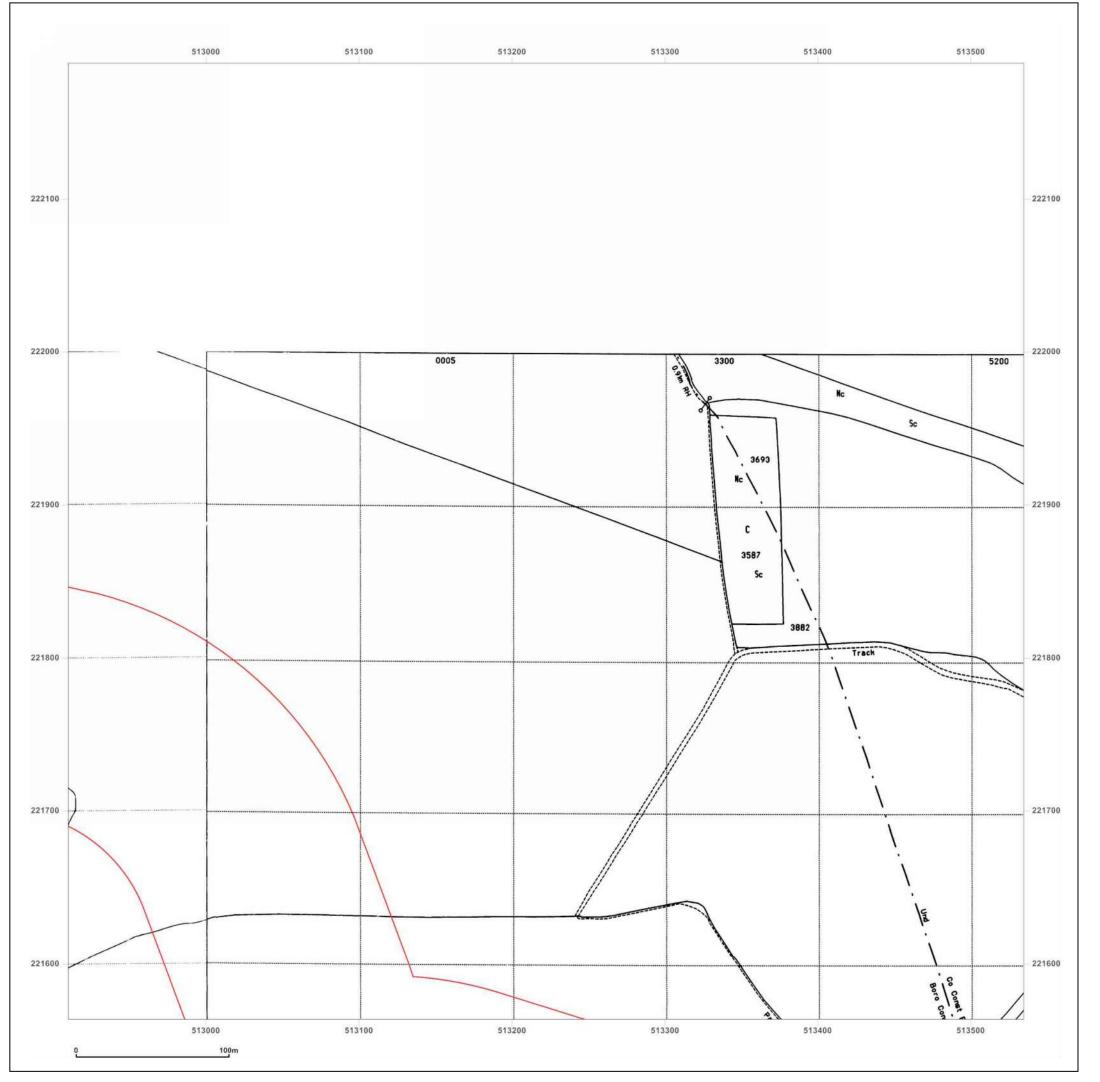




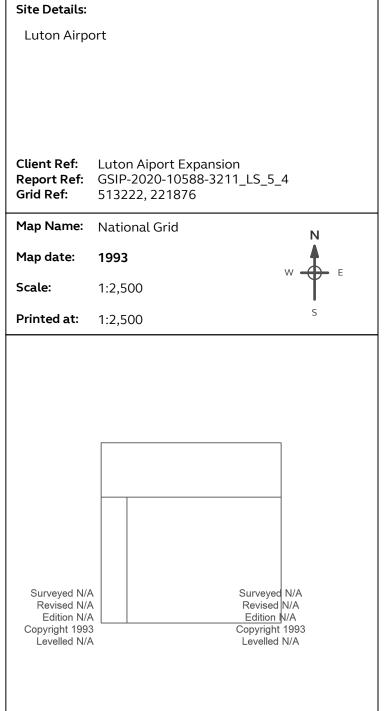


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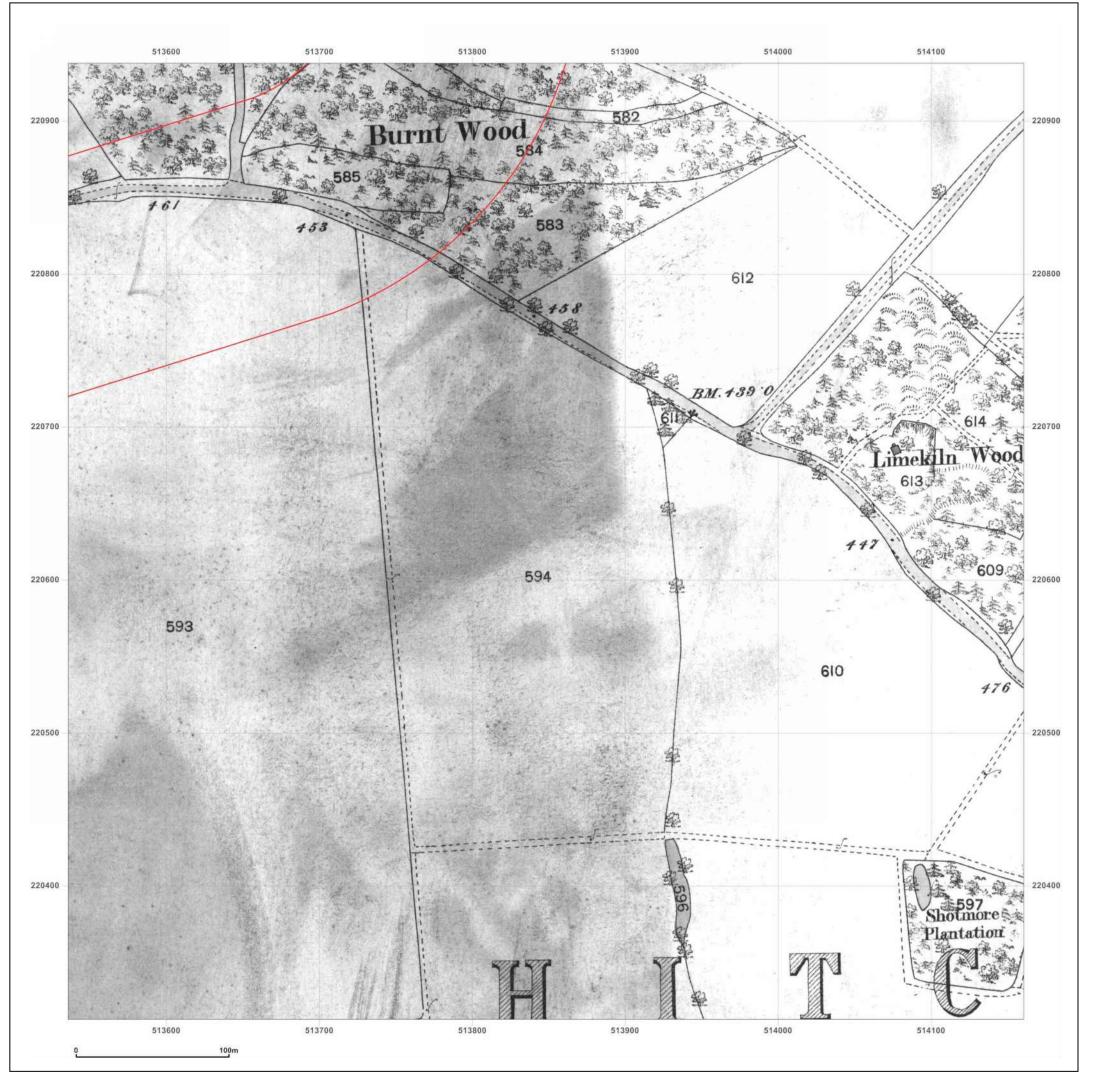






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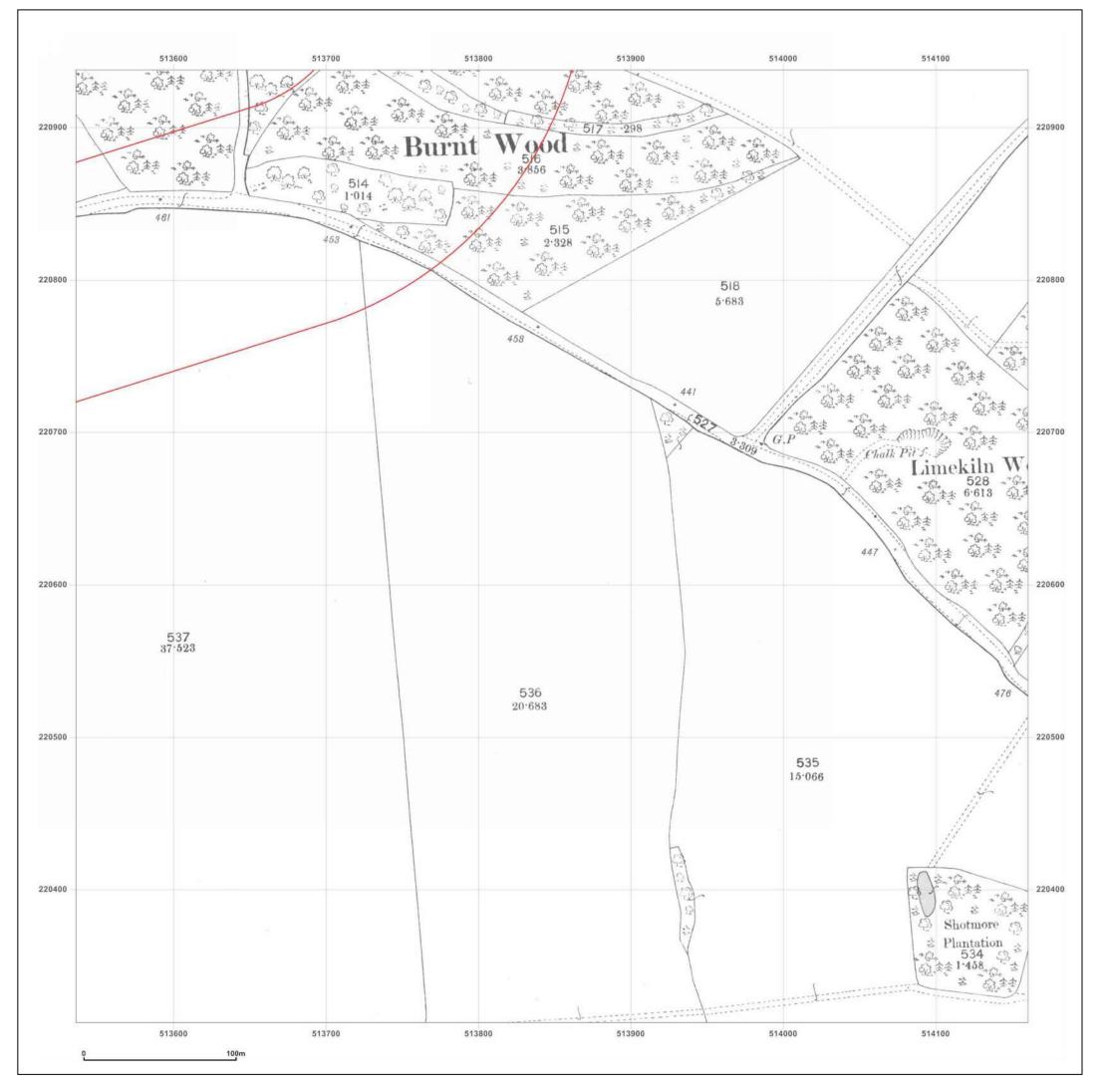


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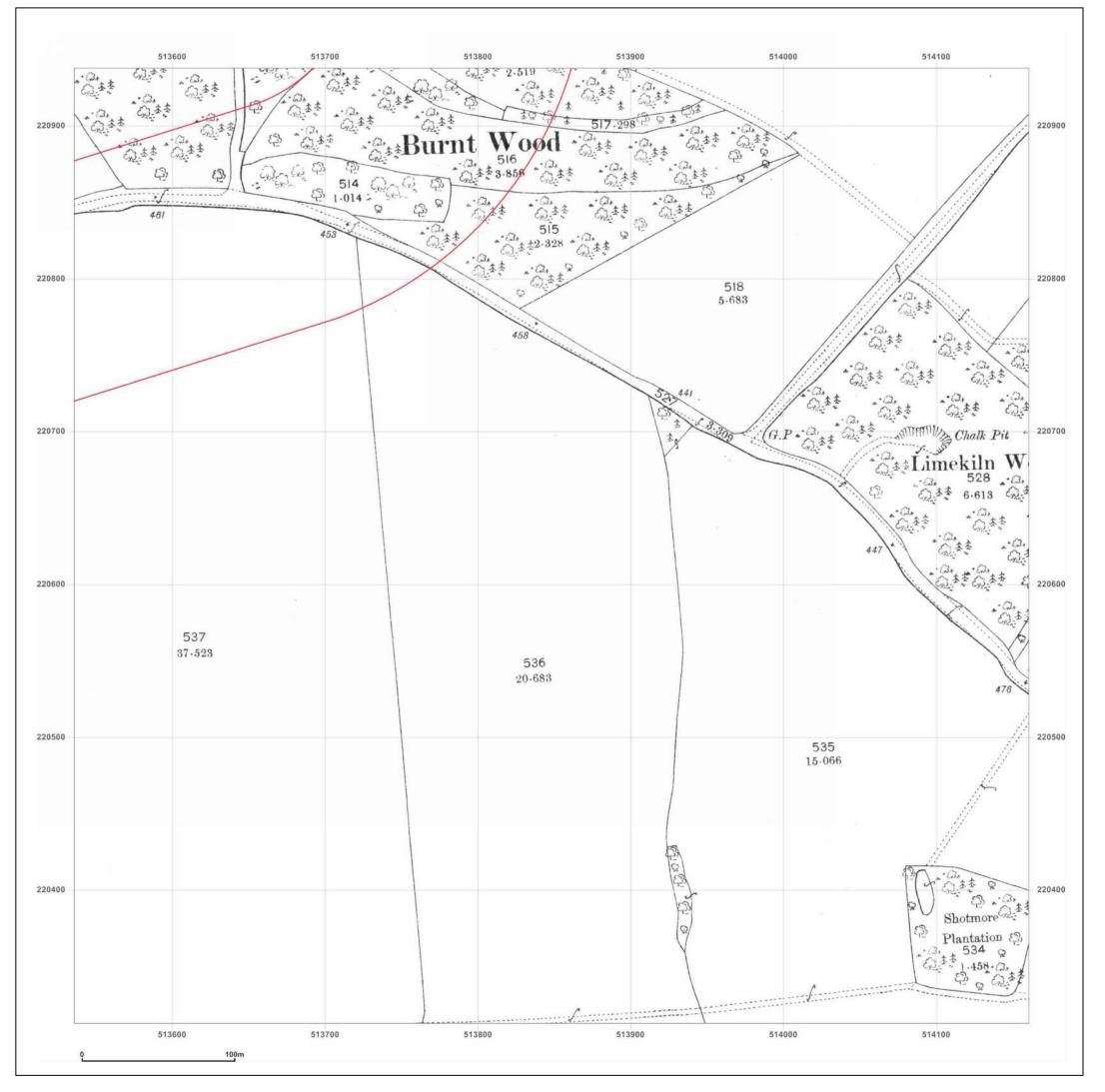


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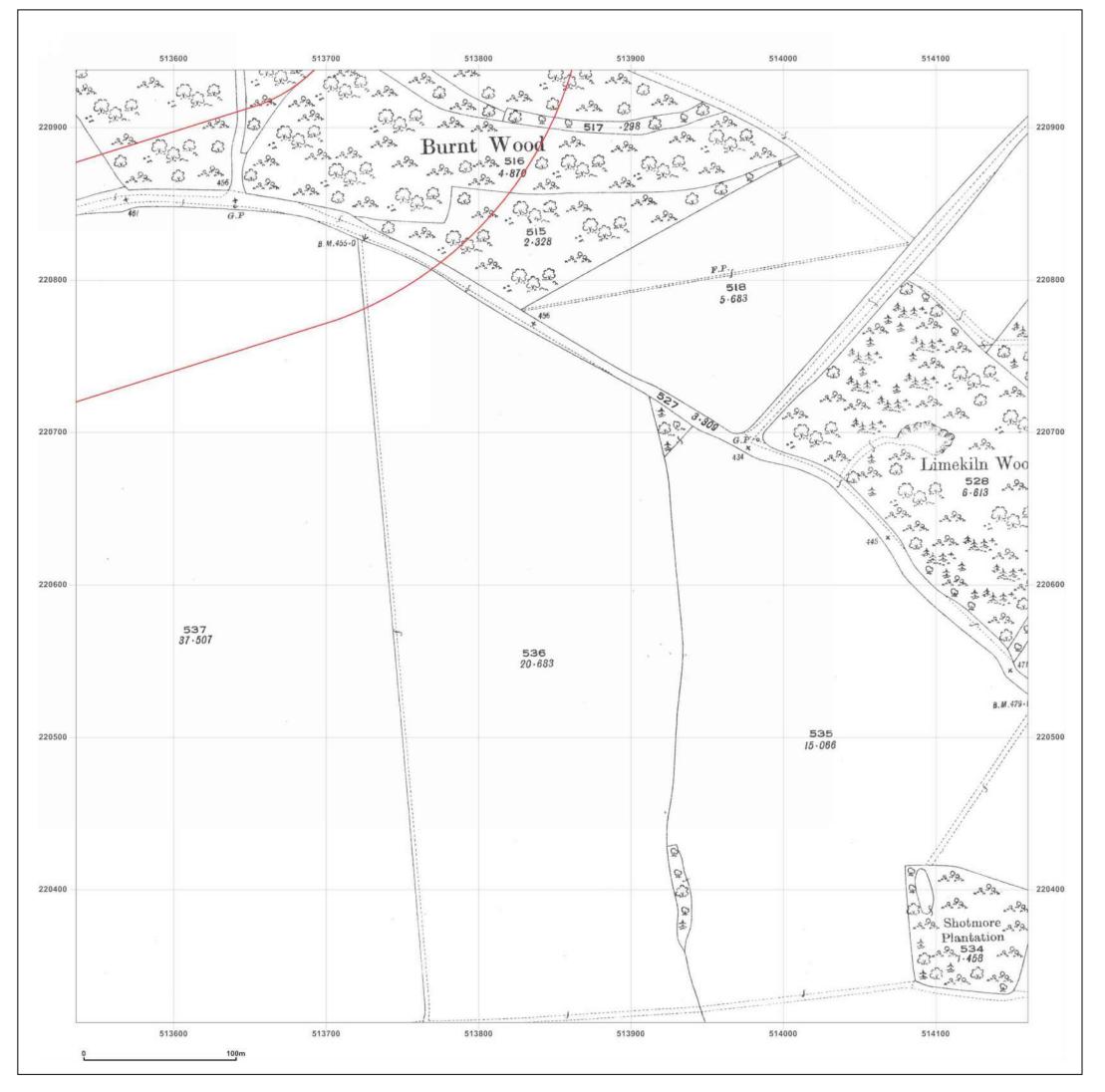


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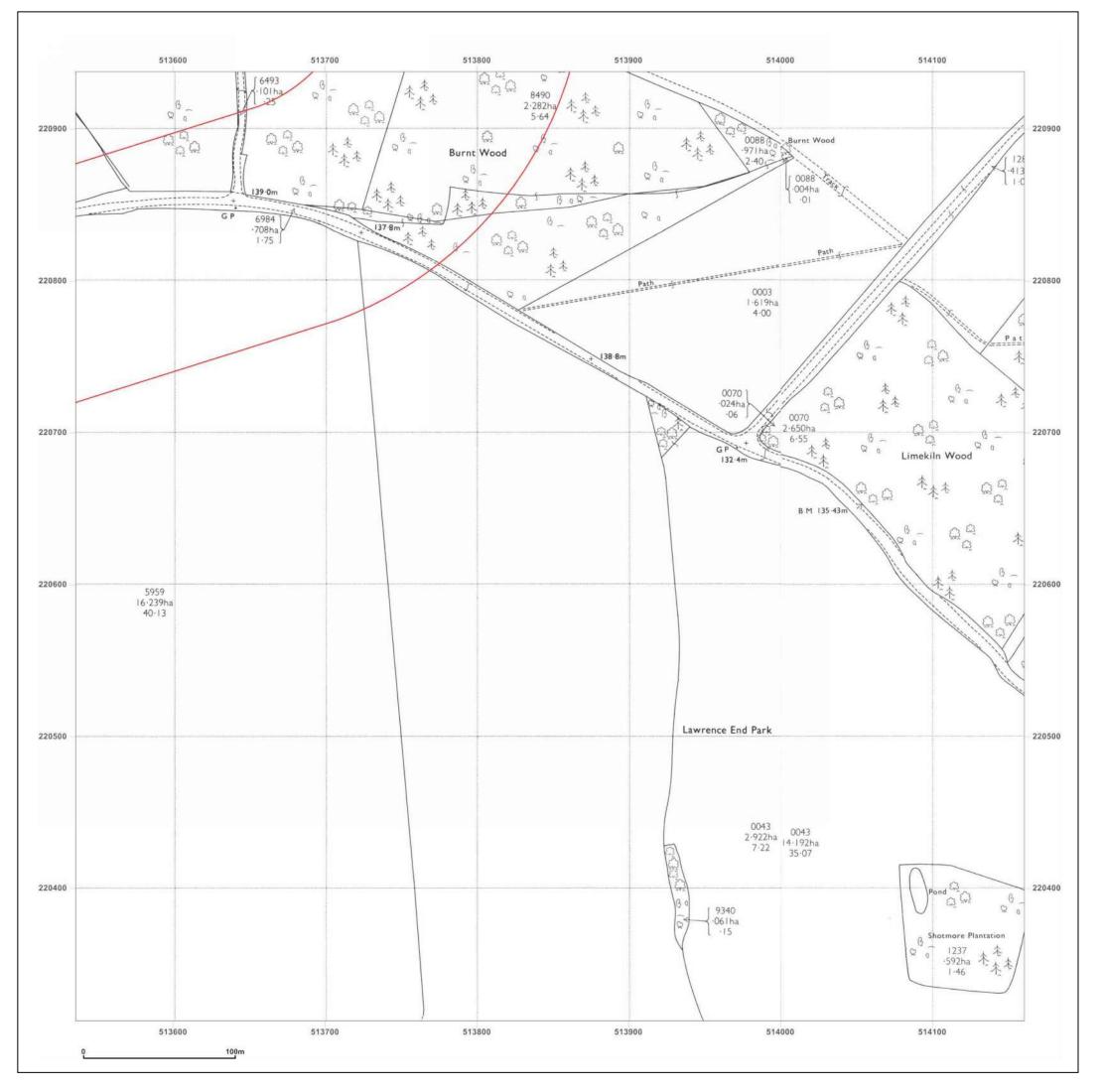


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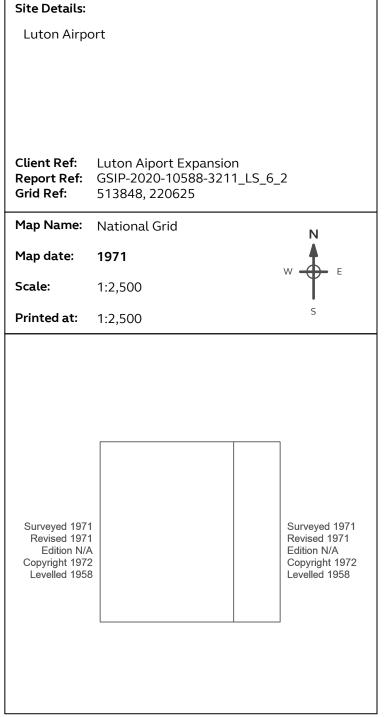


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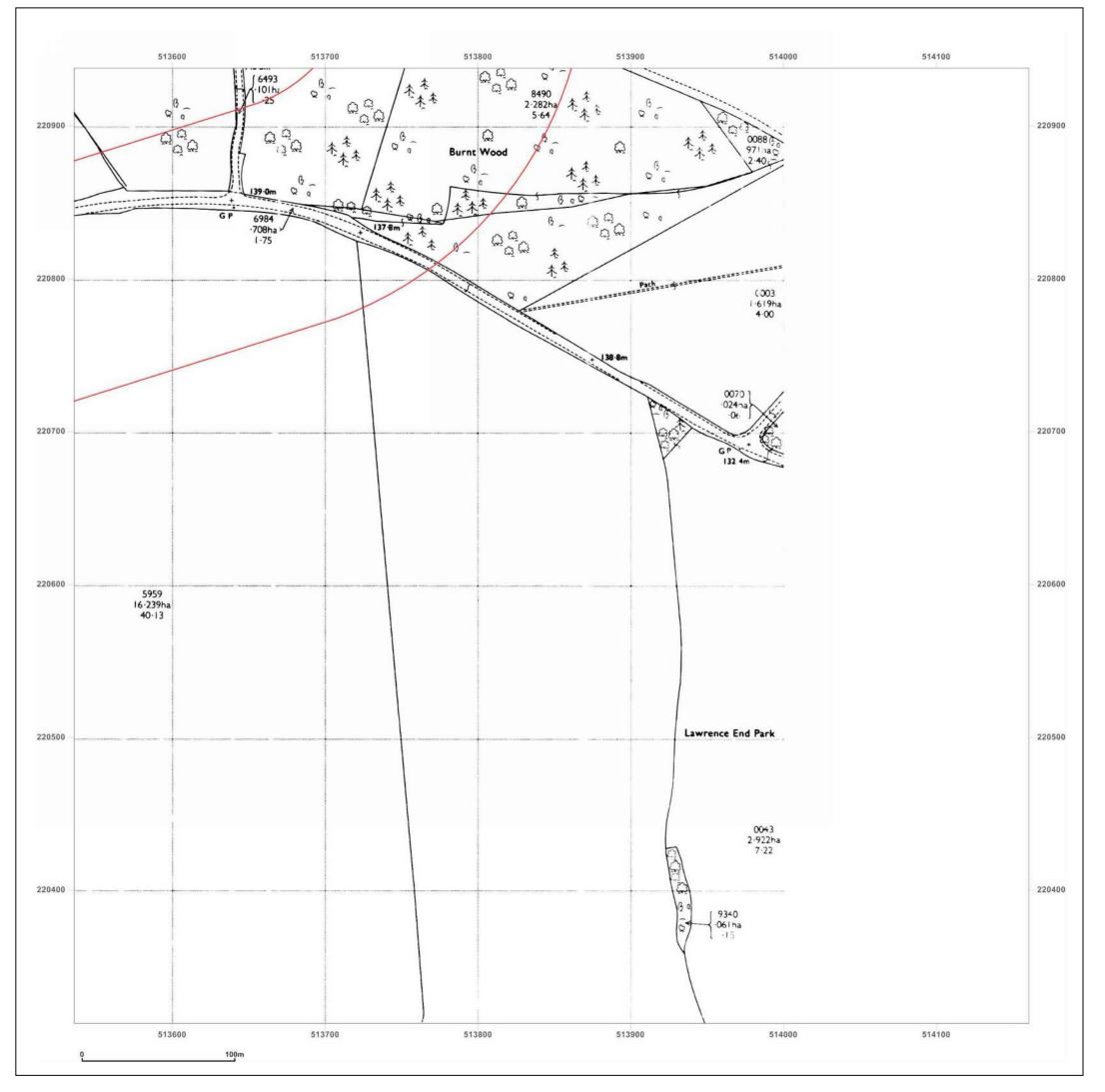






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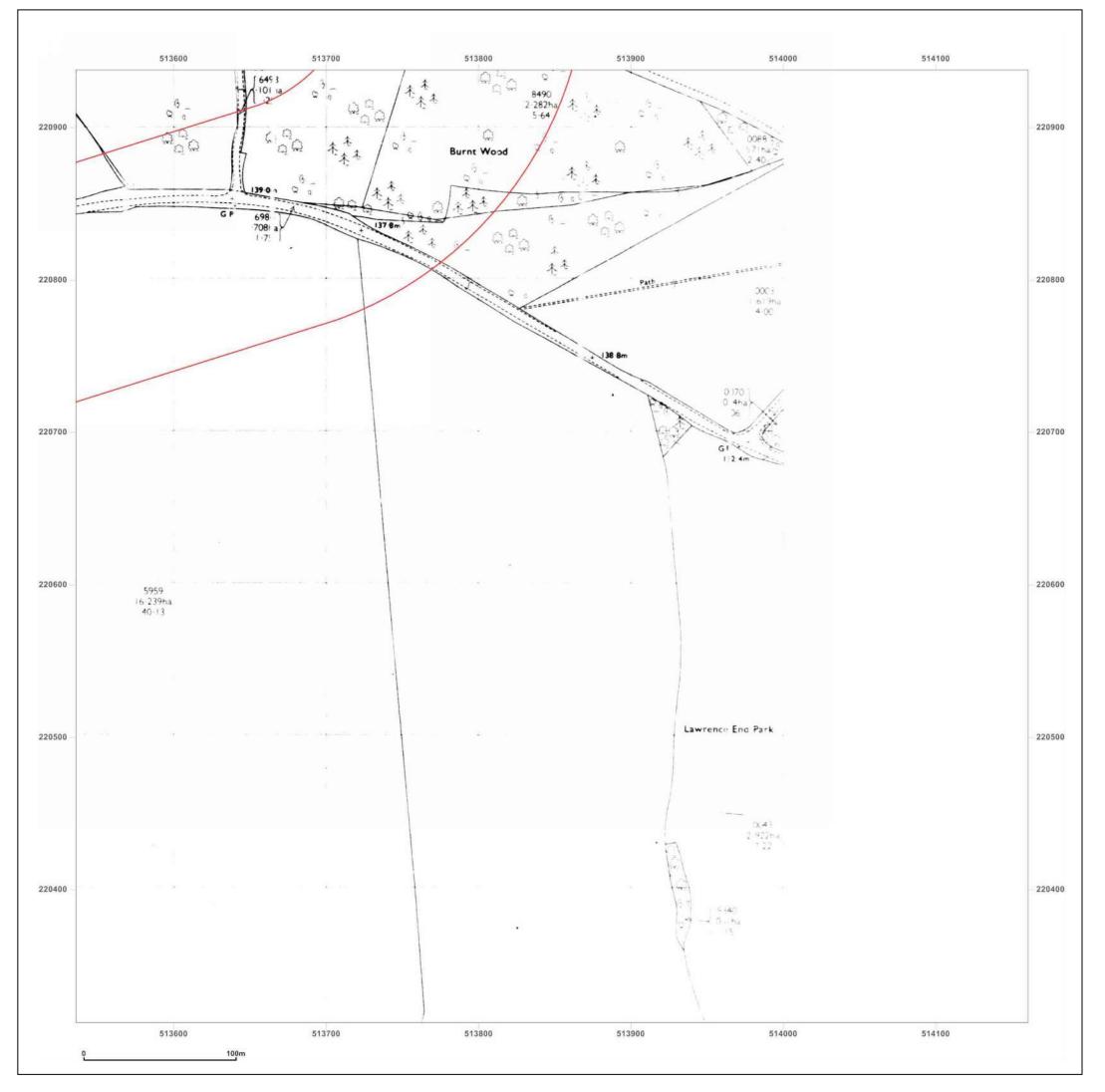


Site Details:	
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_2 513848, 220625
Map Name:	National Grid N
Map date:	1972
Scale:	1:2,500
Printed at:	1:2,500 S
Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	



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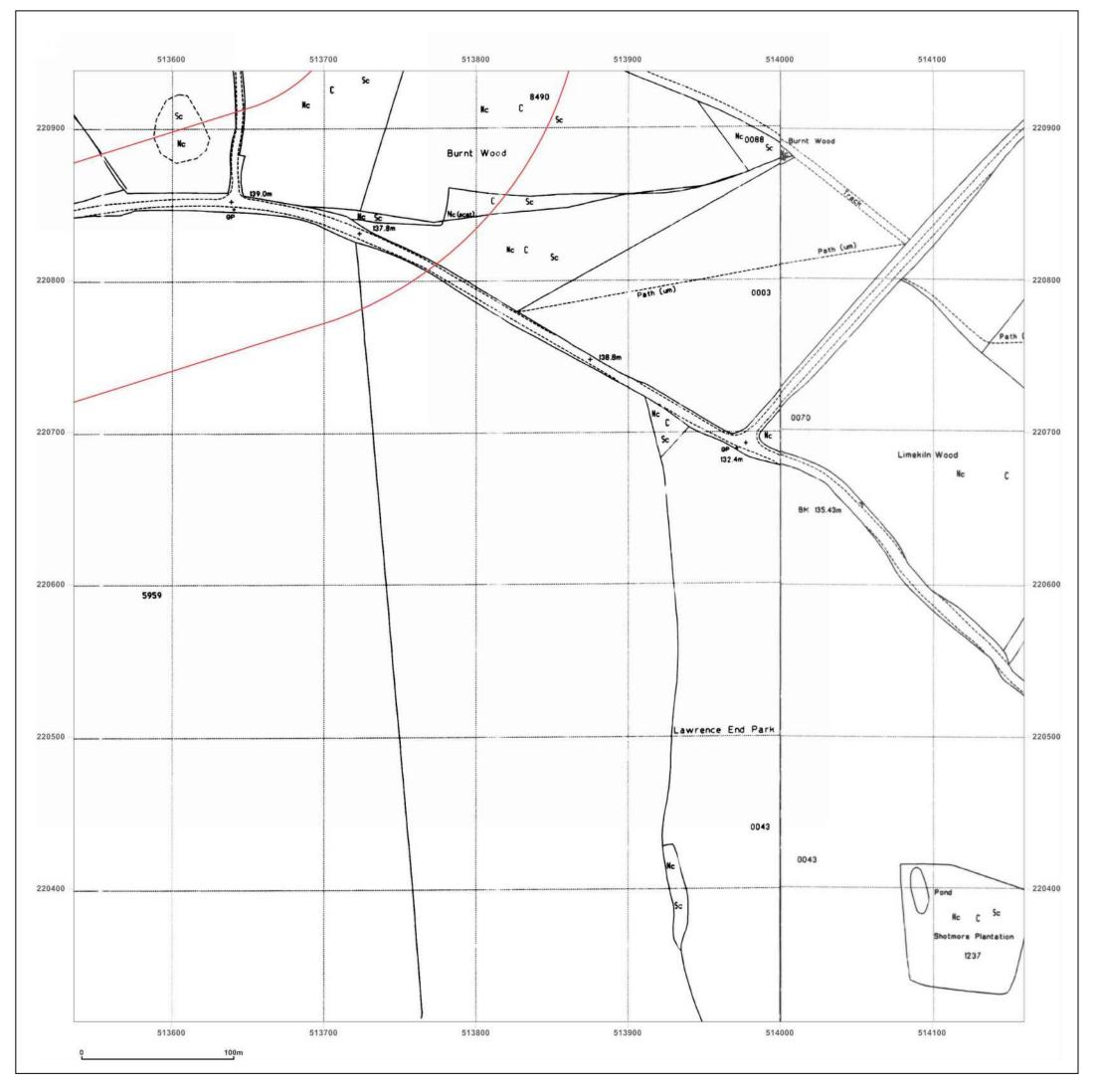


Site Details:	
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_2 513848, 220625
Map Name:	National Grid N
Map date:	1973
Scale:	1:2,500
Printed at:	1:2,500 s
Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	

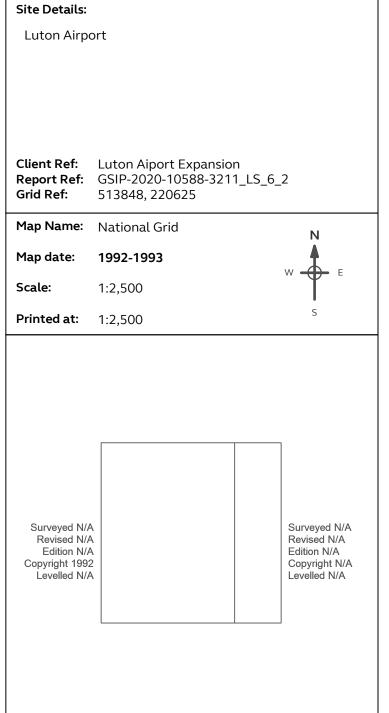


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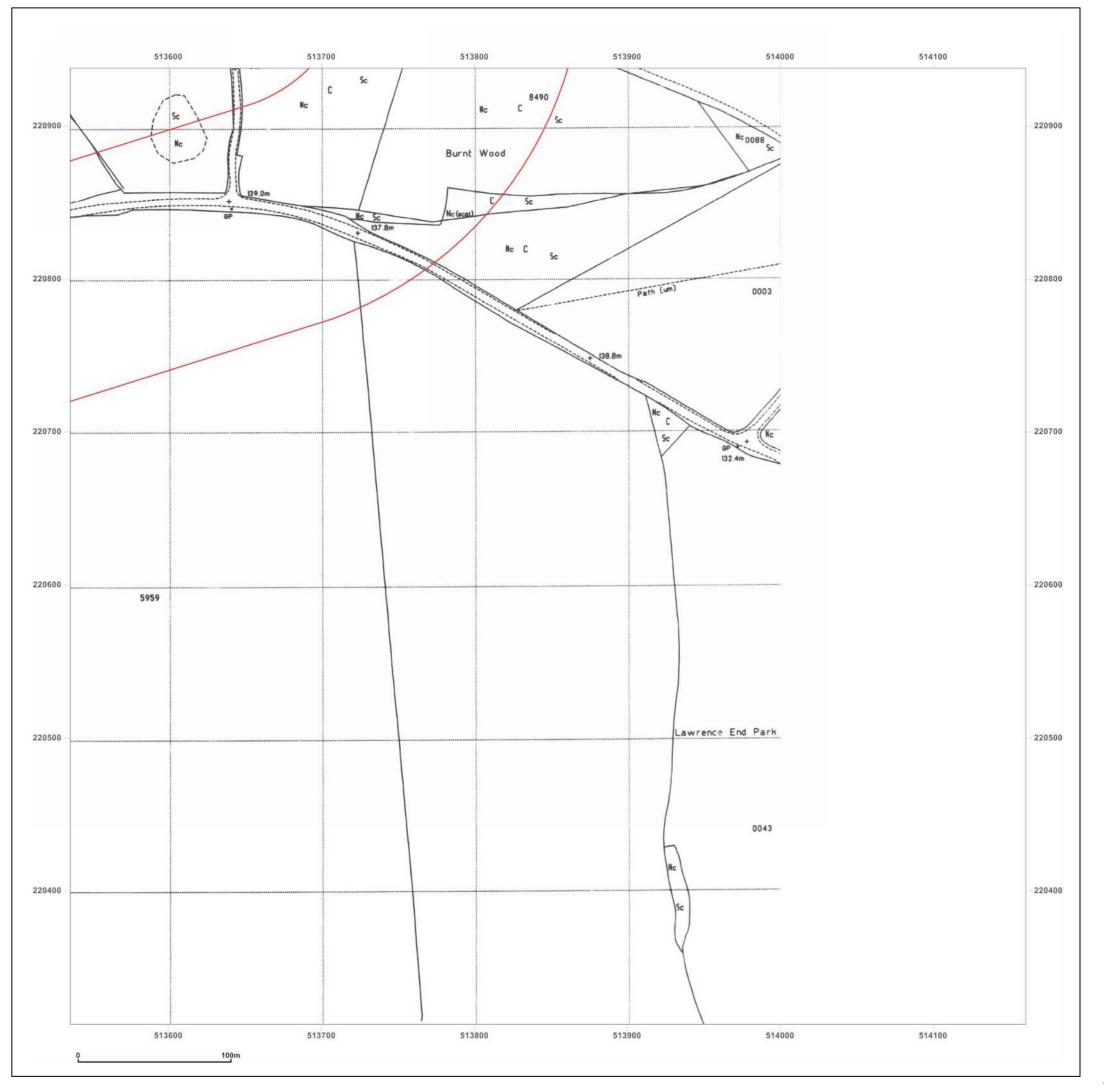






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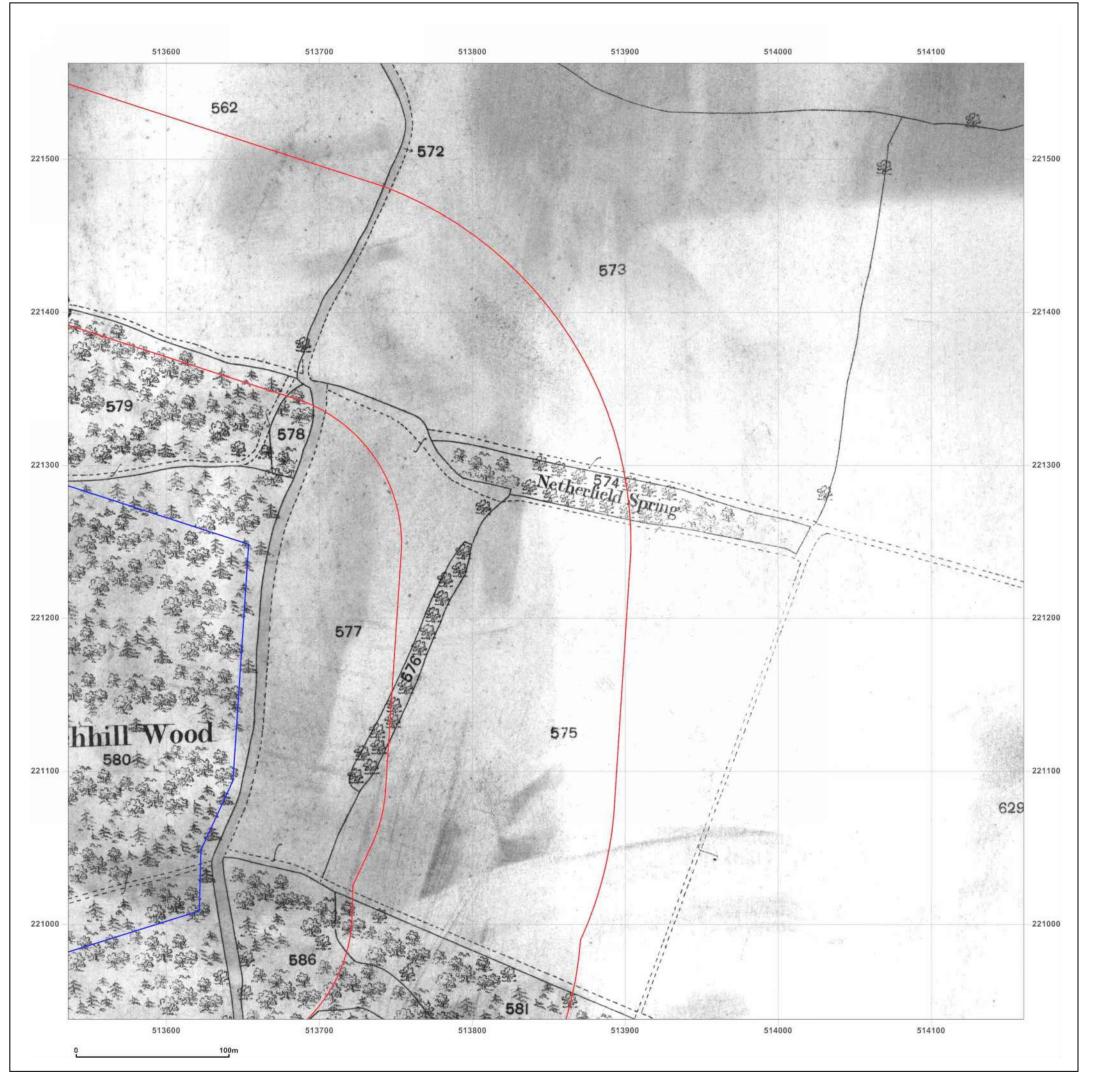


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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_2 513848, 220625
Map Name:	National Grid N
Map date:	1993
Scale:	1:2,500
Printed at:	1:2,500 S
Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	



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Production date: 20 November 2020



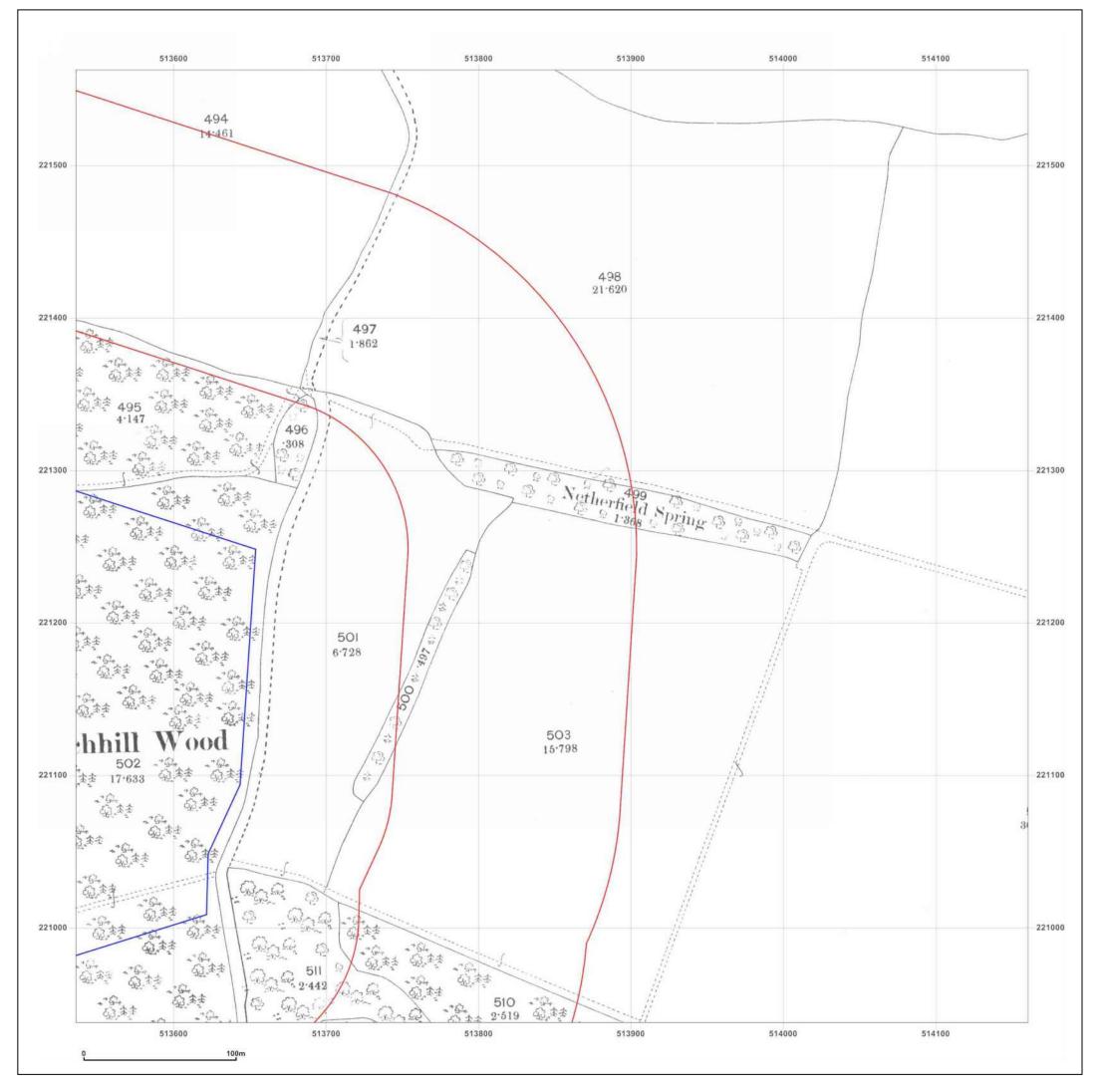


Site Details:		
Luton Airpo	ort	
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_ 513848, 221250	3
Map Name:	County Series	N
Map date:	1881	W E
Scale:	1:2,500	
Printed at:	1:2,500	S
Surveyed 1881 Revised 1881 Edition N/A		
Copyright N/A Levelled N/A		



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Production date: 20 November 2020



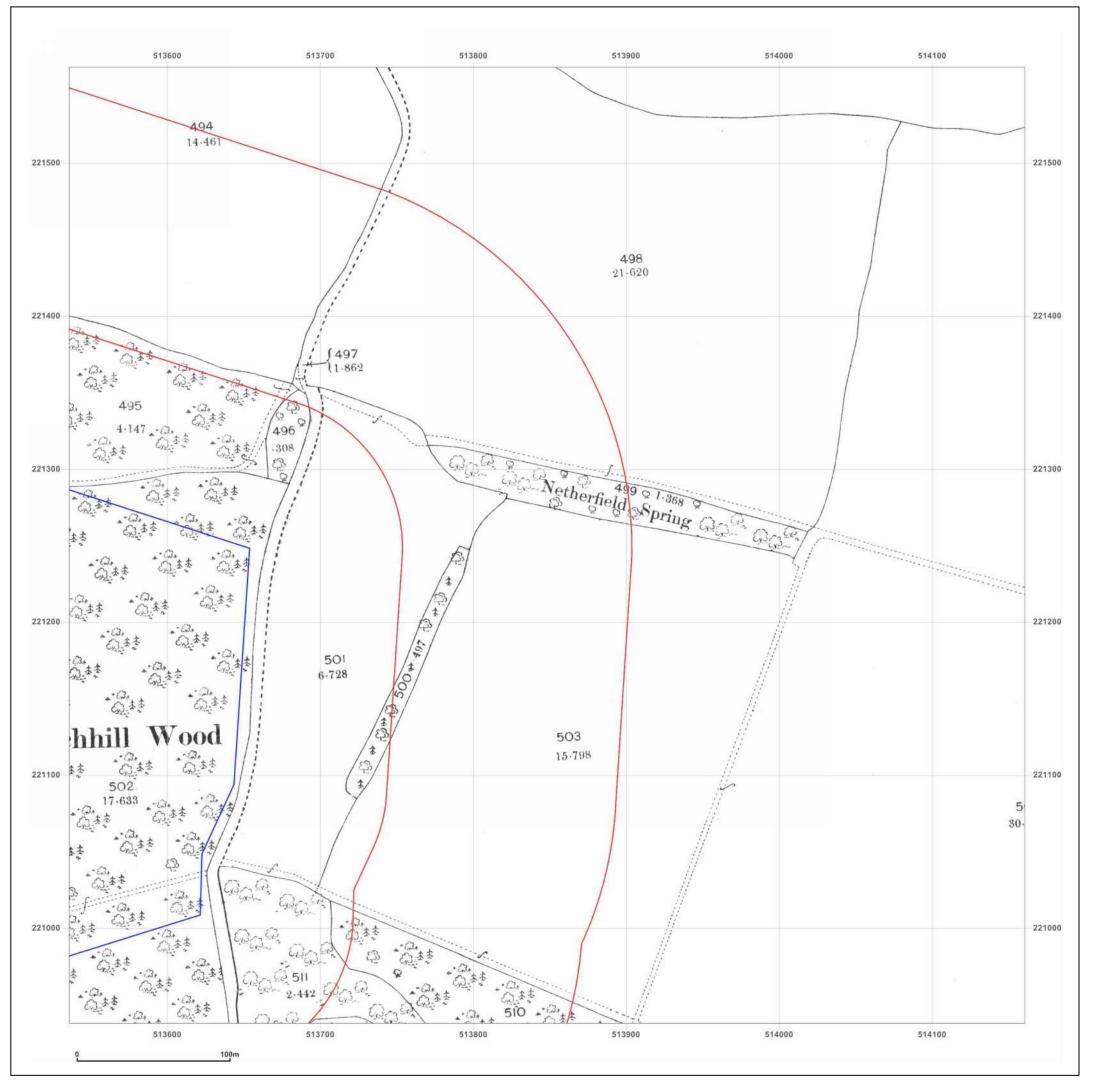


Site Details:	
Luton Airpo	ort
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_3 513848, 221250
Map Name:	County Series N
Map date:	1898 W E
Scale:	1:2,500
Printed at:	1:2,500
Surveyed 1898 Revised 1898 Edition N/A Copyright N/A Levelled N/A	



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Production date: 20 November 2020



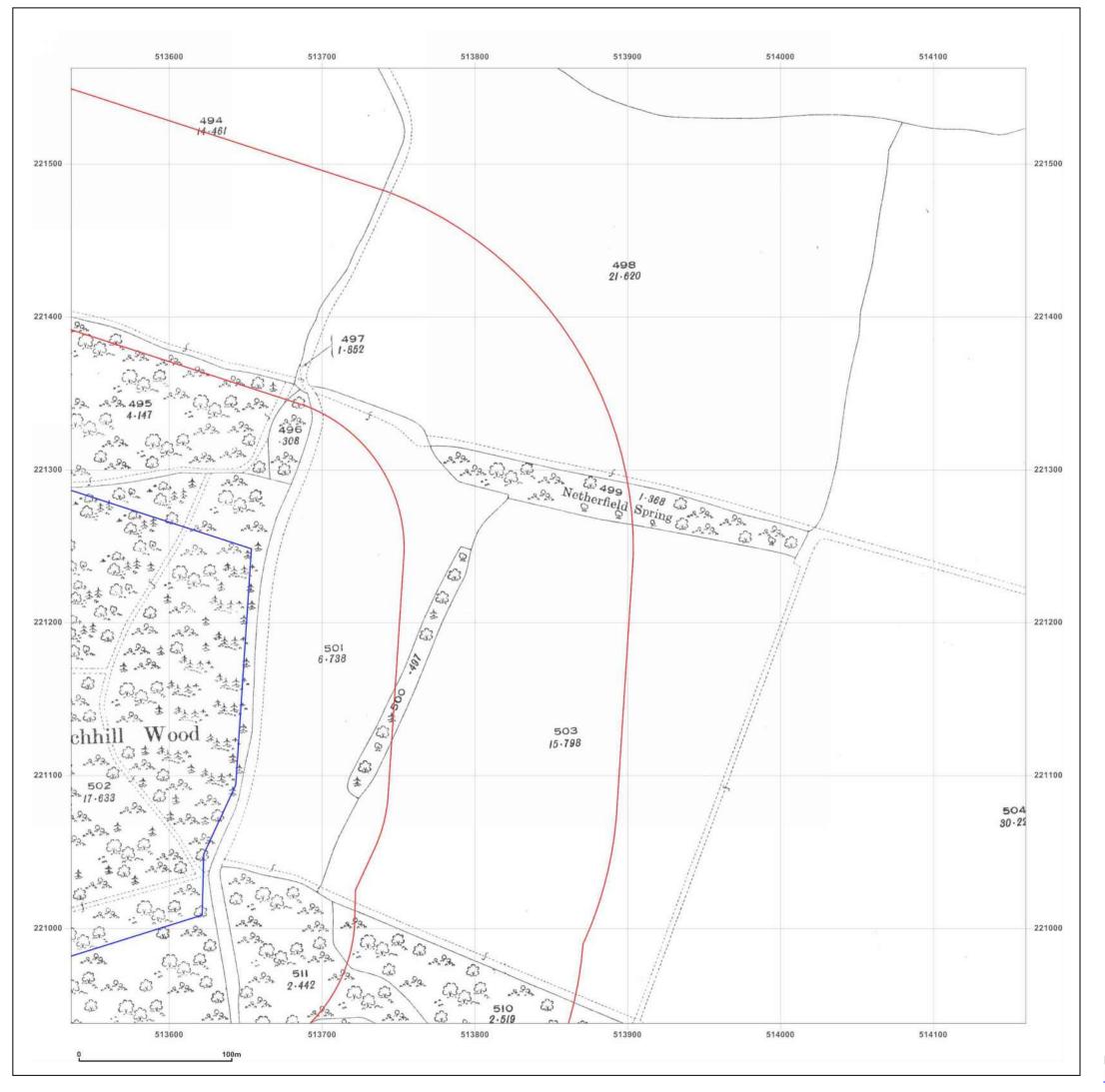


Site Details:		
Luton Airpo	ort	
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_3 513848, 221250	
Map Name:	County Series N	
Map date:	1901	
Scale:	1:2,500	
Printed at:	1:2,500 S	
Surveyed 1901		
Revised 1901 Edition N/A		
Copyright N/A Levelled N/A		



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Production date: 20 November 2020



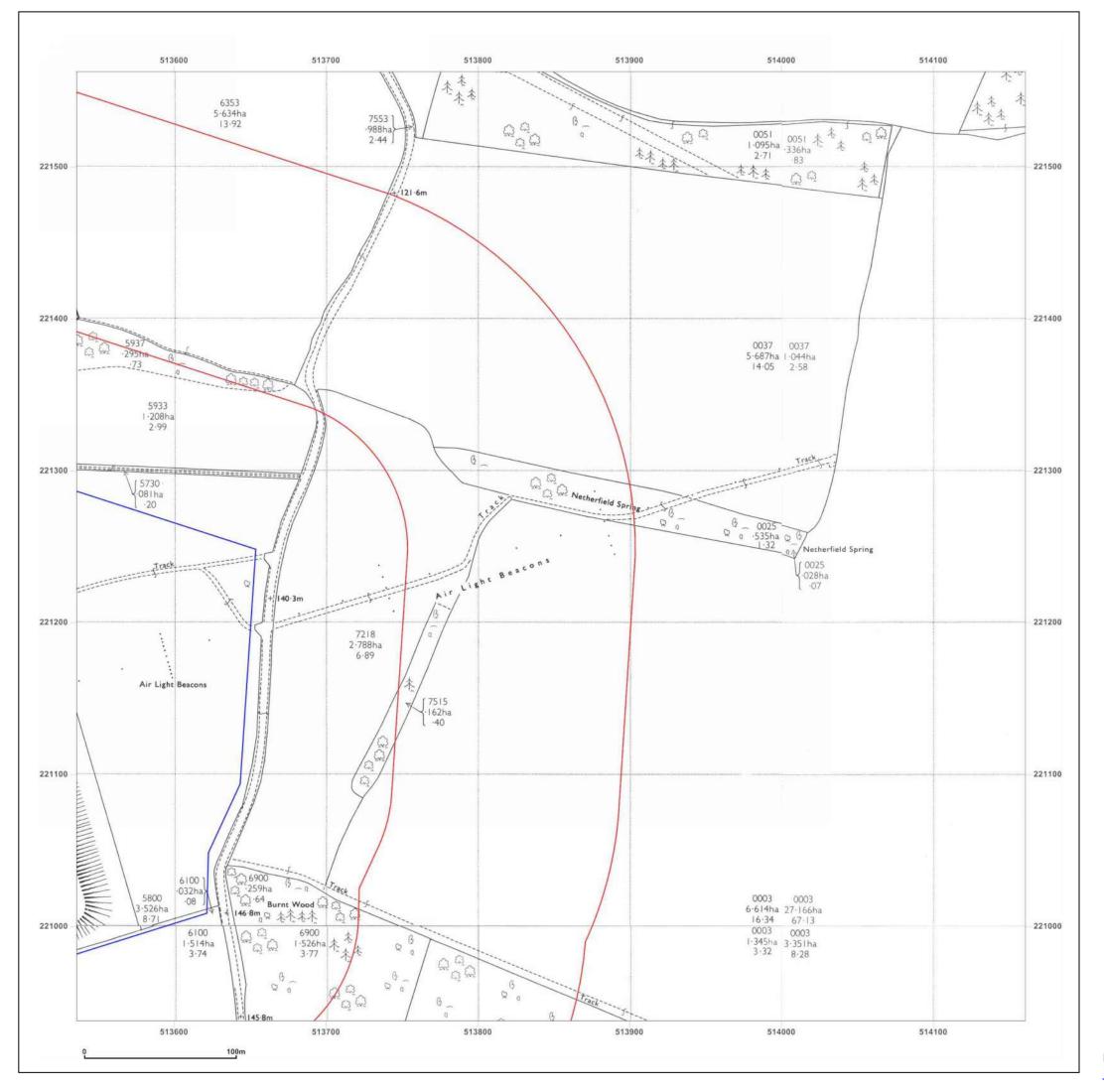


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Luton Airpo	ort	
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_3 513848, 221250	
Map Name:	County Series N	
Map date:	1924	• E
Scale:	1:2,500	, _E
Printed at:	1:2,500 S	
Surveyed 1924 Revised 1924 Edition N/A Copyright N/A Levelled N/A	1 \ \	

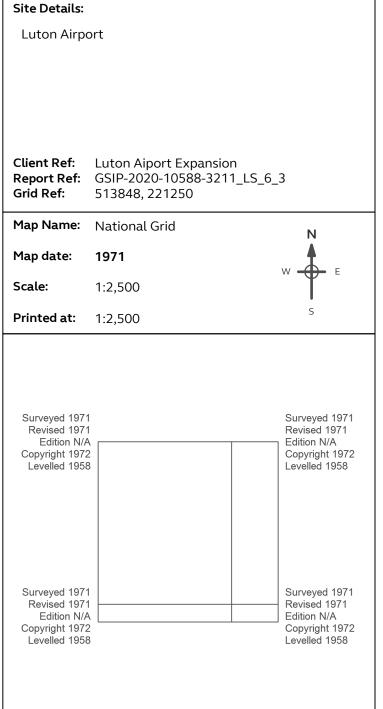


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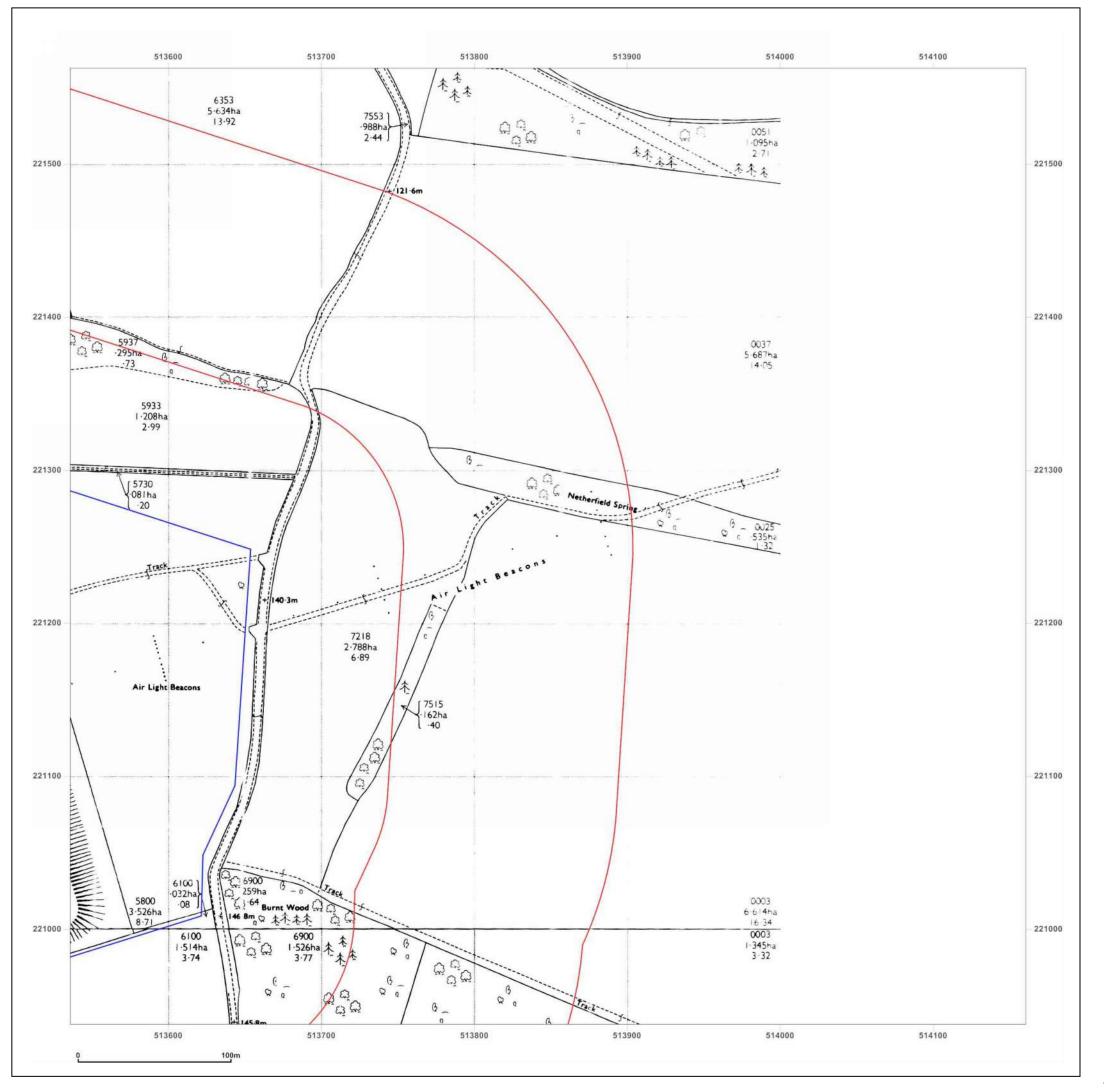






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Production date: 20 November 2020



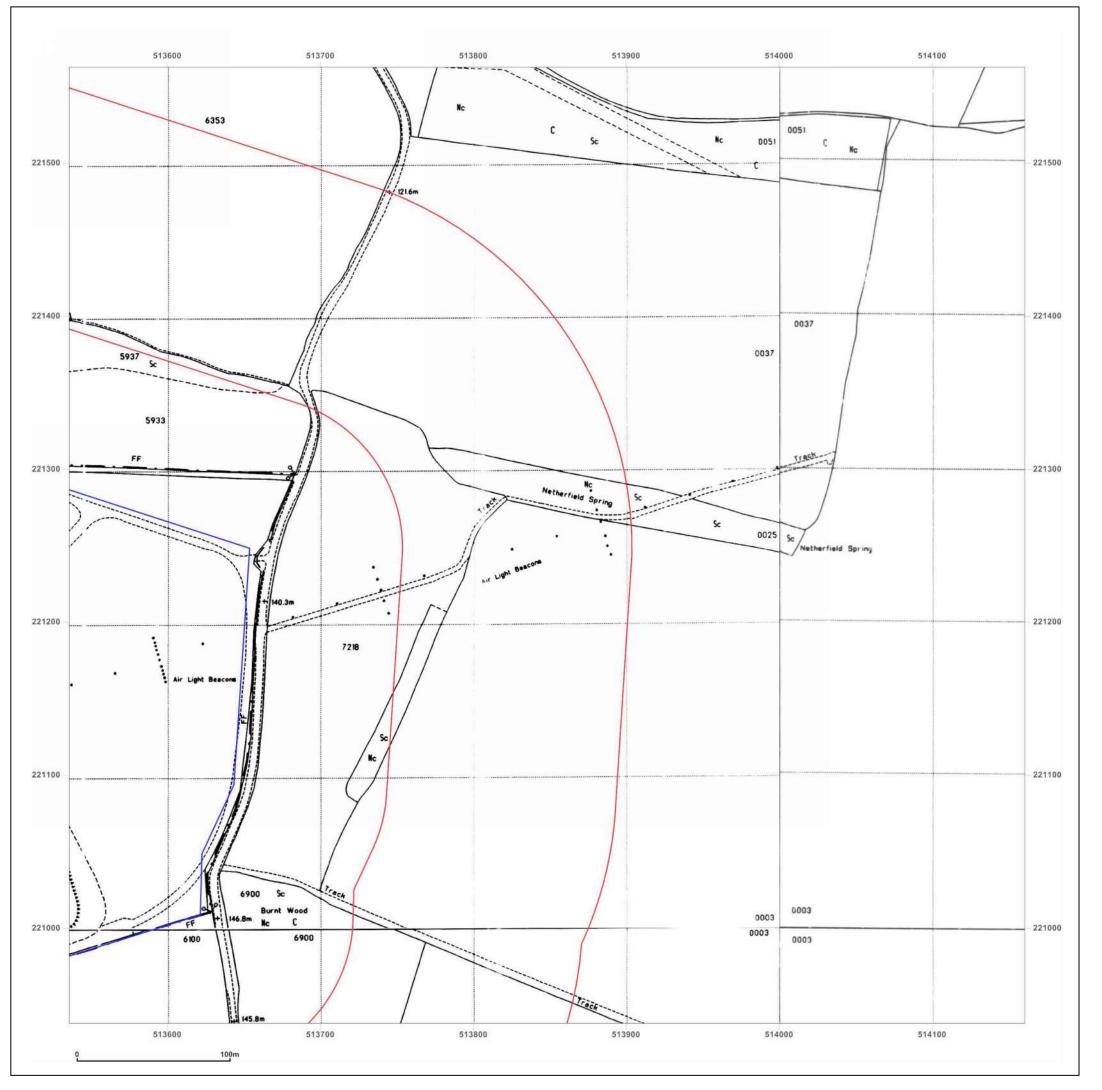


Site Details:	
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Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_3 513848, 221250
Map Name:	National Grid N
Map date:	1972
Scale:	1:2,500
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Edition N/A Copyright N/A Levelled N/A	

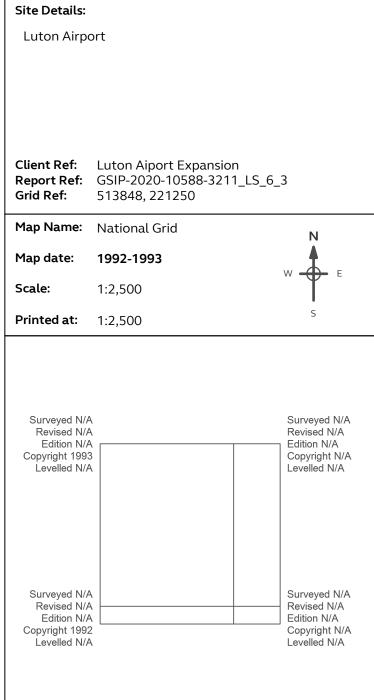


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Production date: 20 November 2020



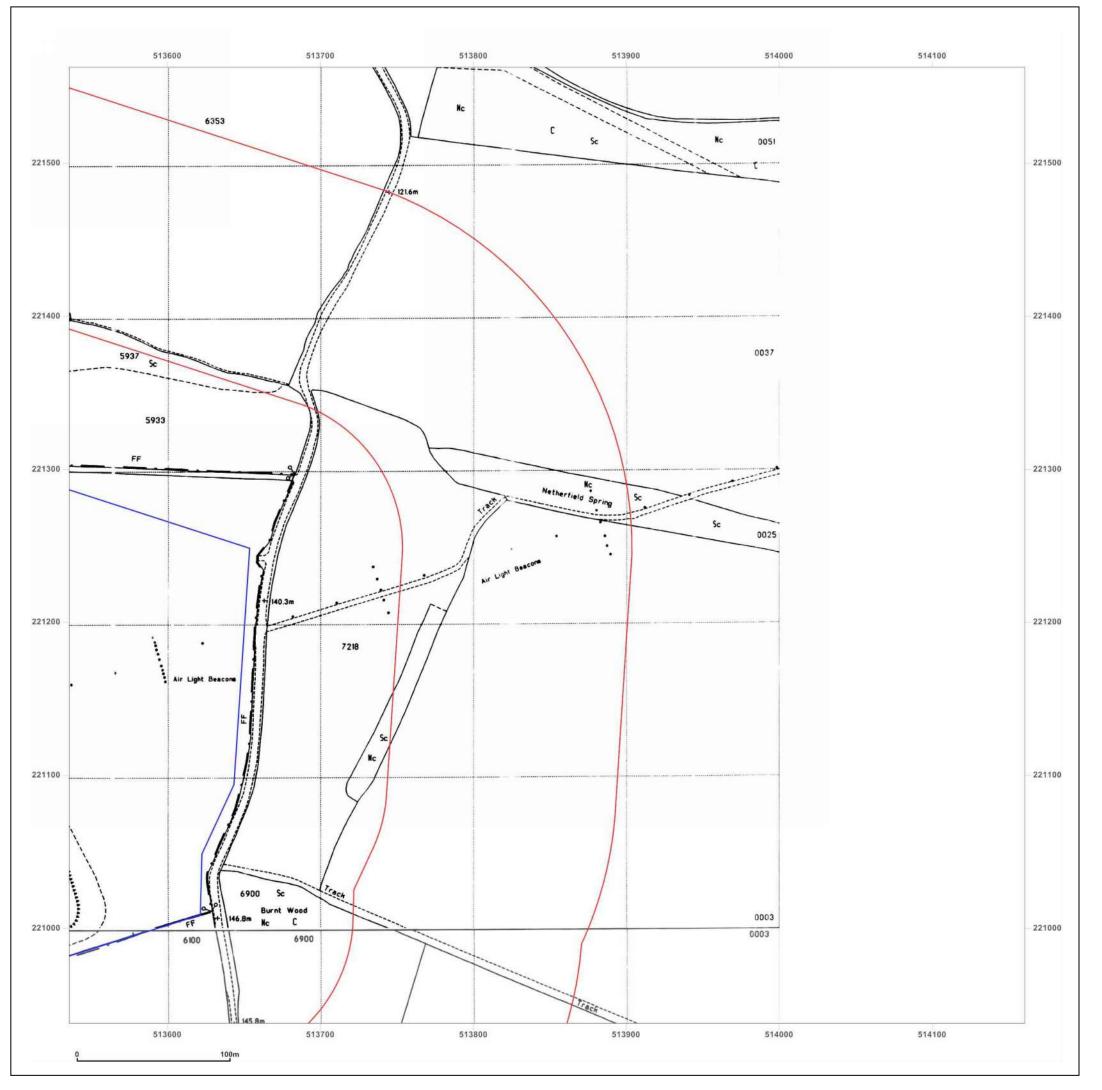






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Production date: 20 November 2020



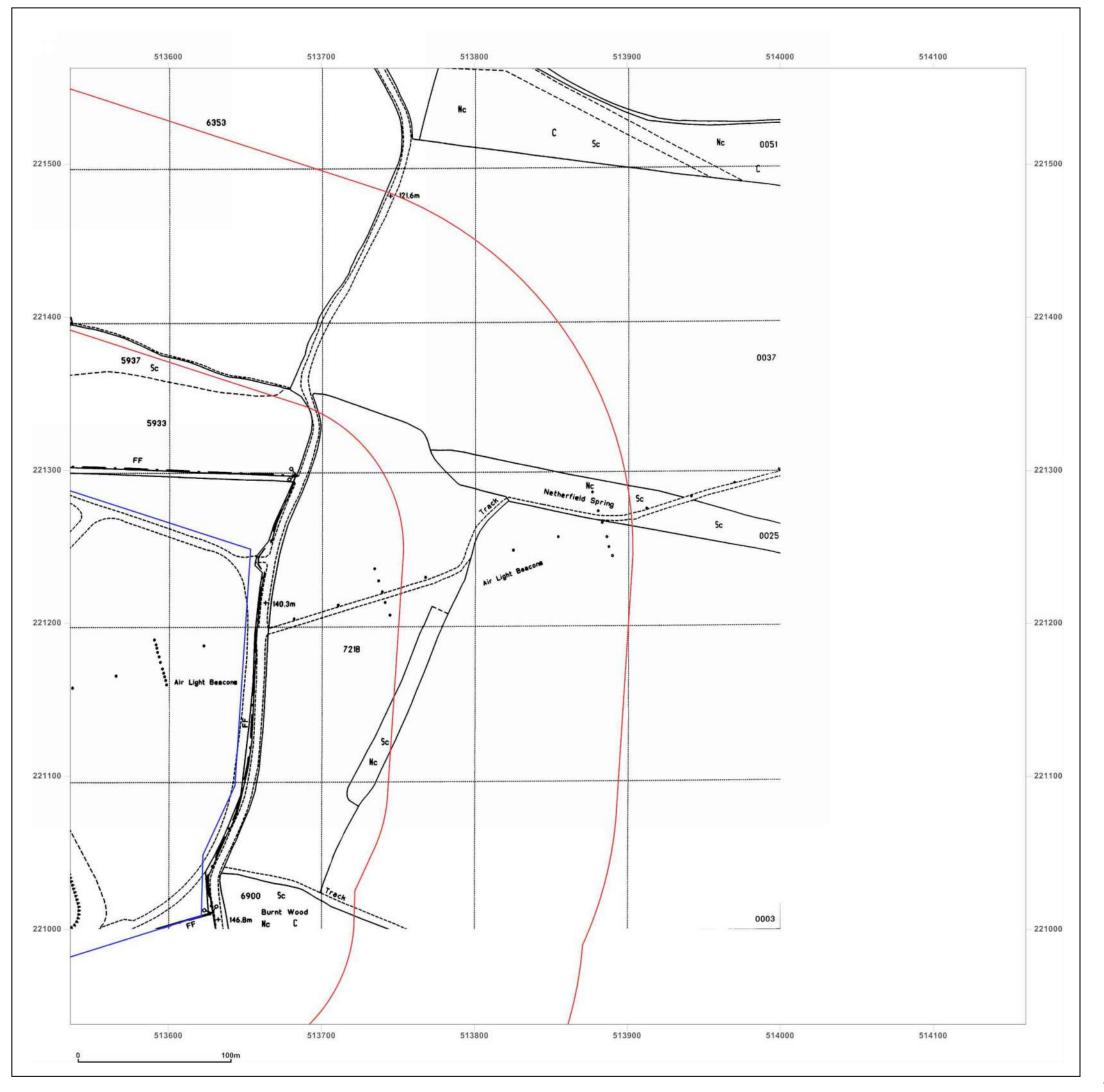


Site Details:	
Luton Airpo	ort
,	
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_3 513848, 221250
Map Name:	National Grid N
Map date:	1993
Scale:	1:2,500
Printed at:	1:2,500 S
Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A	
Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	



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Production date: 20 November 2020





Site Details:				
Luton Airpo	ort			
Client Ref: Report Ref: Grid Ref:	Luton Aiport Expansion GSIP-2020-10588-3211_LS_6_3 513848, 221250			
Map Name:	National Grid N			
Map date:	1993			
Scale:	1:2,500			
Printed at:	1:2,500 ^S			
Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A				



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Production date: 20 November 2020

A3 Airport Access Road





Proposed Link Road - CPAR

Order Details

Date: 23/11/2020

Your ref: Proposed Link Road - CPAR

Our Ref: GSIP-2020-10588-3215

Client: Ove Arup & Partners International Ltd

Site Details

Location: 511757 221628

Area: 64.97 ha

Authority: Luton Borough Council



Summary of findings

p. 2 Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha



Grid ref: 511757 221628

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	Historical industrial land uses	39	27	58	28	_
<u>19</u>	<u>1.2</u>	Historical tanks	14	11	21	6	-
<u>21</u>	1.3	Historical energy features	8	4	11	12	-
23	<u>1.4</u>	<u>Historical petrol stations</u>	0	0	3	0	-
<u>23</u>	<u>1.5</u>	Historical garages	0	0	4	0	-
24	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>25</u>	<u>2.1</u>	Historical industrial land uses	68	49	108	44	-
<u>35</u>	<u>2.2</u>	<u>Historical tanks</u>	23	16	35	10	-
<u>38</u>	<u>2.3</u>	Historical energy features	18	7	30	25	-
<u>42</u>	<u>2.4</u>	<u>Historical petrol stations</u>	0	0	5	0	-
<u>42</u>	<u>2.5</u>	Historical garages	0	0	5	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
43	3.1	Active or recent landfill	0	0	0	0	-
<u>43</u>	<u>3.2</u>	Historical landfill (BGS records)	0	0	1	0	-
<u>44</u>	<u>3.3</u>	Historical landfill (LA/mapping records)	4	1	0	0	-
<u>44</u>	<u>3.4</u>	Historical landfill (EA/NRW records)	1	0	0	0	-
<u>45</u>	3.5	<u>Historical waste sites</u>	0	0	1	0	-
<u>45</u>	<u>3.6</u>	<u>Licensed waste sites</u>	5	1	0	0	-
<u>47</u>	<u>3.7</u>	Waste exemptions	0	0	2	0	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>48</u>	<u>4.1</u>	Recent industrial land uses	38	29	53	-	-
<u>55</u>	<u>4.2</u>	Current or recent petrol stations	0	2	1	0	-
56	4.3	Electricity cables	0	0	0	0	-
56	4.4	Gas pipelines	0	0	0	0	-
56	4.5	Sites determined as Contaminated Land	0	0	0	0	-



us with any questions at: Date: 23 November 2020



<u>56</u>	4.6	Control of Major Accident Hazards (COMAH)	1	0	0	0	-
<u>57</u>	<u>4.7</u>	Regulated explosive sites	1	0	0	0	-
<u>57</u>	<u>4.8</u>	Hazardous substance storage/usage	0	1	2	0	-
58	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
<u>58</u>	<u>4.10</u>	Licensed industrial activities (Part A(1))	0	0	1	0	-
<u>58</u>	<u>4.11</u>	Licensed pollutant release (Part A(2)/B)	3	1	4	2	-
60	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>60</u>	<u>4.13</u>	Licensed Discharges to controlled waters	3	0	0	9	-
62	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
62	4.15	Pollutant release to public sewer	0	0	0	0	-
<u>62</u>	<u>4.16</u>	List 1 Dangerous Substances	0	3	0	0	-
62	4.17	List 2 Dangerous Substances	0	0	0	0	-
<u>63</u>	<u>4.18</u>	Pollution Incidents (EA/NRW)	0	2	4	3	-
64	4.19	Pollution inventory substances	0	0	0	0	-
64	4.20	Pollution inventory waste transfers	0	0	0	0	-
64	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
<u>65</u>	<u>5.1</u>	Superficial aquifer	Identified (within 500m)		
<u>67</u>	<u>5.2</u>	Bedrock aquifer	Identified (within 500m)		
<u>68</u>	<u>5.3</u>	Groundwater vulnerability	Identified (within 50m)			
<u>72</u>	<u>5.4</u>	Groundwater vulnerability- soluble rock risk	Identified (within 0m)			
72	5.5	Groundwater vulnerability- local information	None (with	in 0m)			
<u>73</u>	<u>5.6</u>	Groundwater abstractions	0	0	3	1	11
77	5.7	Surface water abstractions	0	0	0	0	0
<u>77</u>	<u>5.8</u>	Potable abstractions	0	0	0	0	2
<u>78</u>	<u>5.9</u>	Source Protection Zones	1	1	0	0	-
78	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m





Grid ref: 511757 221628

<u>80</u>	<u>6.2</u>	Surface water features	1	0	3	-	-
<u>80</u>	<u>6.3</u>	WFD Surface water body catchments	2	-	-	-	-
<u>81</u>	<u>6.4</u>	WFD Surface water bodies	0	0	0	-	-
<u>81</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
82	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (with	in 50m)			
82	7.2	Historical Flood Events	0	0	0	-	-
82	7.3	Flood Defences	0	0	0	-	-
82	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
83	7.5	Flood Storage Areas	0	0	0	-	-
84	7.6	Flood Zone 2	None (with	in 50m)			
84	7.7	Flood Zone 3	None (with	in 50m)			
Page	Section	Surface water flooding					
<u>85</u>	<u>8.1</u>	Surface water flooding	1 in 30 yea	r, Greater tha	an 1.0m (wit	hin 50m)	
Page	Section	Groundwater flooding					
<u>87</u>	<u>9.1</u>	Groundwater flooding	Low (within	n 50m)			
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
88	10.1	Sites of Special Scientific Interest (SSSI)					
		sites of special scientific interest (3331)	0	0	0	0	0
89	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
89 89	10.2 10.3						
		Conserved wetland sites (Ramsar sites)	0	0	0	0	0
89	10.3	Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC)	0	0	0	0	0
89 89	10.3 10.4	Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA)	0 0	0 0	0 0	0 0	0 0
89 89 89	10.3 10.4 10.5	Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR)	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
89 89 89 90	10.3 10.4 10.5 10.6	Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR) Local Nature Reserves (LNR)	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0
89 89 89 90	10.3 10.4 10.5 10.6 10.7	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	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0
89 89 89 90 90	10.3 10.4 10.5 10.6 10.7 10.8	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	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 12
89 89 89 90 90 91	10.3 10.4 10.5 10.6 10.7 10.8 10.9	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		0 0 0 0 0	0 0 0 0 0		0 0 0 0 0 12 0



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92	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
92	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
92	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>93</u>	<u>10.16</u>	Nitrate Vulnerable Zones	1	0	0	1	2
94	<u>10.17</u>	SSSI Impact Risk Zones	1	-	-	-	-
95	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
96	11.1	World Heritage Sites	0	0	0	-	-
97	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
97	11.3	National Parks	0	0	0	-	-
<u>97</u>	<u>11.4</u>	<u>Listed Buildings</u>	0	0	1	-	-
98	11.5	Conservation Areas	0	0	0	-	-
98	11.6	Scheduled Ancient Monuments	0	0	0	-	-
98	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
99	<u>12.1</u>	Agricultural Land Classification	Grade 3 (w	ithin 250m)			
100	12.2	Open Access Land	0	0	0	-	-
100	12.3	Tree Felling Licences	0	0	0	-	-
100	12.4	Environmental Stewardship Schemes	0	0	0	-	-
101	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>102</u>	<u>13.1</u>	Priority Habitat Inventory	6	0	2	-	-
<u>103</u>	<u>13.2</u>	Habitat Networks	6	0	0	-	-
103	13.3	Open Mosaic Habitat	0	0	0	-	-
104	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>105</u>	<u>14.1</u>	10k Availability	Identified (within 500m)		
<u>106</u>	<u>14.2</u>	Artificial and made ground (10k)	3	1	0	2	-
<u>108</u>	<u>14.3</u>	Superficial geology (10k)	5	0	1	2	-





109	14.4	Landslip (10k)	0	0	0	0	-
<u>110</u>	<u>14.5</u>	Bedrock geology (10k)	5	0	0	0	-
111	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>112</u>	<u>15.1</u>	50k Availability	Identified (within 500m)		
<u>113</u>	<u>15.2</u>	Artificial and made ground (50k)	1	1	2	0	-
<u>114</u>	<u>15.3</u>	Artificial ground permeability (50k)	1	1	-	-	-
<u>115</u>	<u>15.4</u>	Superficial geology (50k)	2	2	0	2	-
<u>116</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (within 50m)			
116	15.6	Landslip (50k)	0	0	0	0	-
116	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>117</u>	<u>15.8</u>	Bedrock geology (50k)	7	1	4	6	-
<u>118</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (within 50m)			
119	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
<u>120</u>	<u>16.1</u>	BGS Boreholes	12	3	45	-	-
Page							
ruge	Section	Natural ground subsidence					
124	<u>17.1</u>	Natural ground subsidence Shrink swell clays	Low (within	n 50m)			
				n 50m) vithin 50m)			
124	<u>17.1</u>	Shrink swell clays		vithin 50m)			
124 126	17.1 17.2	Shrink swell clays Running sands	Very low (v	vithin 50m)			
124 126 128	17.1 17.2 17.3	Shrink swell clays Running sands Compressible deposits	Very low (v	vithin 50m) vithin 50m) vithin 50m)			
124 126 128 130	17.1 17.2 17.3 17.4	Shrink swell clays Running sands Compressible deposits Collapsible deposits	Very low (v Very low (v Very low (v Low (within	vithin 50m) vithin 50m) vithin 50m)			
124 126 128 130	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides	Very low (v Very low (v Very low (v Low (within	vithin 50m) vithin 50m) vithin 50m) n 50m)	50-250m	250-500m	500-2000m
124 126 128 130 131	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks	Very low (v Very low (v Very low (v Low (within	vithin 50m) vithin 50m) vithin 50m) n 50m) (within 50m)	50-250m	250-500m 1	500-2000m
124 126 128 130 131 133	17.1 17.2 17.3 17.4 17.5 17.6 Section	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities	Very low (v Very low (v Very low (v Low (within Moderate (vithin 50m) vithin 50m) vithin 50m) n 50m) (within 50m) 0-50m			500-2000m - -
124 126 128 130 131 133 Page	17.1 17.2 17.3 17.4 17.5 17.6 Section	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities	Very low (v Very low (v Very low (v Low (within Moderate (vithin 50m) vithin 50m) vithin 50m) n 50m) (within 50m) 0-50m	1	1	500-2000m - -
124 126 128 130 131 133 Page 135	17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1 18.2	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities BritPits	Very low (v Very low (v Very low (v Low (within Moderate (On site 1 2	vithin 50m) vithin 50m) vithin 50m) n 50m) (within 50m) 0-50m 0	1 2	1	500-2000m - - 0





145 18.7 Mining cavities 0 0 0 0 0 0 145 18.8 JPB mining areas None (within 0m) None (within 0m)	
145 18.9 Coal mining None (within 0m) 145 18.10 Brine areas None (within 0m) 146 18.11 Gypsum areas None (within 0m) 146 18.12 Tin mining None (within 0m) 146 18.13 Clay mining None (within 0m) Page Section Radon 147 19.1 Radon Less than 1% (within 0m)	
145 18.10 Brine areas None (within 0m) 146 18.11 Gypsum areas None (within 0m) 146 18.12 Tin mining None (within 0m) 146 18.13 Clay mining None (within 0m) Page Section Radon 147 19.1 Radon Less than 1% (within 0m)	
146 18.11 Gypsum areas None (within 0m) 146 18.12 Tin mining None (within 0m) 146 18.13 Clay mining None (within 0m) Page Section Radon 147 19.1 Radon Less than 1% (within 0m)	
146 18.12 Tin mining None (within 0m) 146 18.13 Clay mining None (within 0m) Page Section Radon 147 19.1 Radon Less than 1% (within 0m)	
146 18.13 Clay mining None (within 0m) Page Section Radon 147 19.1 Radon Less than 1% (within 0m)	
Page Section Radon 147 19.1 Radon Less than 1% (within 0m)	
147 19.1 Radon Less than 1% (within 0m)	
Page Section Soil chemistry On site 0-50m 50-250m 250-500m 500-200	
	0m
148 20.1 BGS Estimated Background Soil Chemistry 49 14 -	
152 20.2 BGS Estimated Urban Soil Chemistry 0 0	
152 20.3 BGS Measured Urban Soil Chemistry 0 0	
Page Section Railway infrastructure and projects On site 0-50m 50-250m 250-500m 500-200	0m
153 21.1 Underground railways (London) 0 0	
153 21.2 Underground railways (Non-London) 0 0 0	
154 21.3 Railway tunnels 0 0 0	
154 21.4 Historical railway and tunnel features 0 0 1 -	
154 21.5 Royal Mail tunnels 0 0 0	
154 21.6 Historical railways 0 0	
155 21.7 Railways 0 0 0	
155 21.8 Crossrail 1 0 0 0 0 -	
155 21.9 Crossrail 2 0 0 0 0 -	
155 21.10 HS2 0 0 0 0 -	





Grid ref: 511757 221628

Recent aerial photograph



info@groundsure.com 08444 159 000

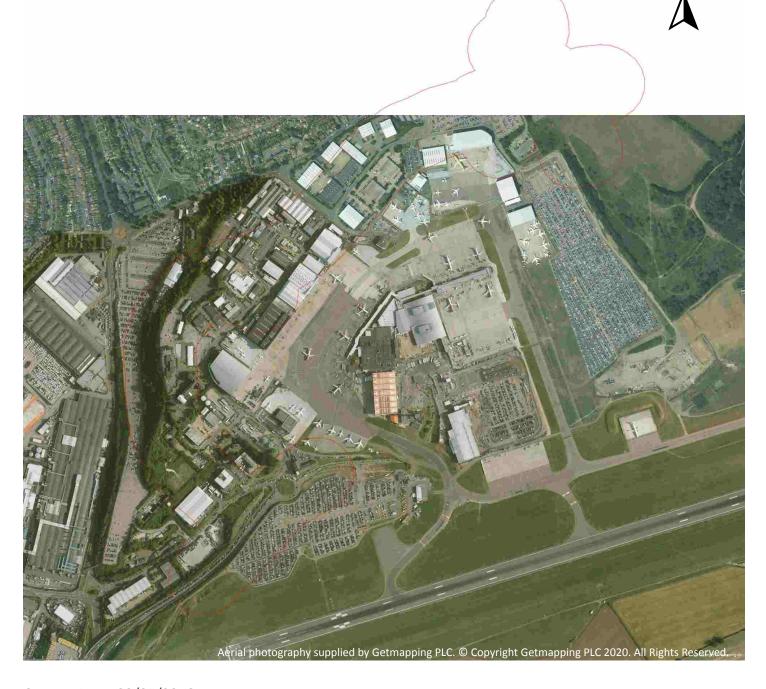
Capture Date: 14/09/2019





Grid ref: 511757 221628

Recent site history - 2016 aerial photograph



Capture Date: 23/07/2016





Grid ref: 511757 221628

Recent site history - 2014 aerial photograph



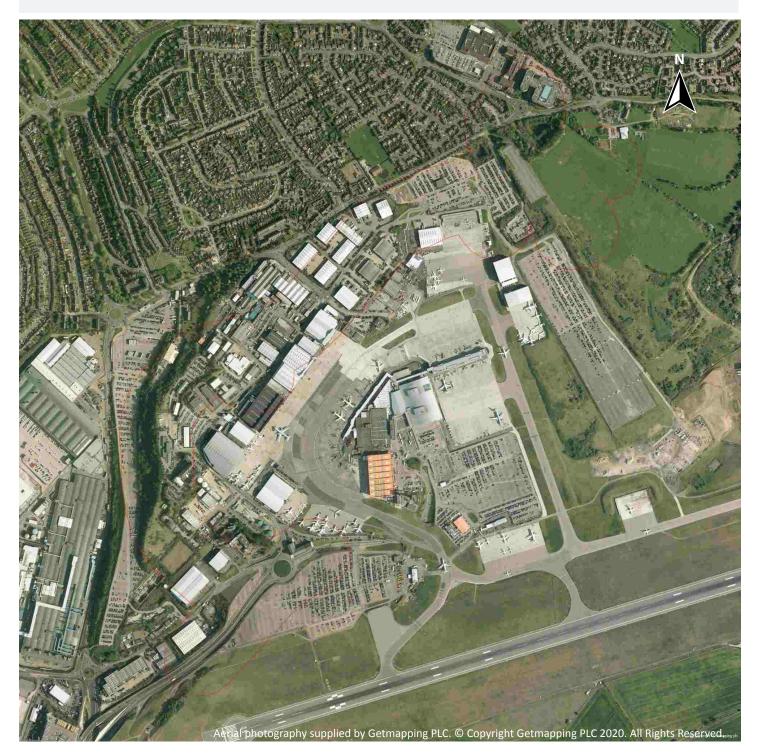
Capture Date: 01/06/2014





Grid ref: 511757 221628

Recent site history - 2010 aerial photograph



Capture Date: 27/04/2010





Grid ref: 511757 221628

Recent site history - 1999 aerial photograph



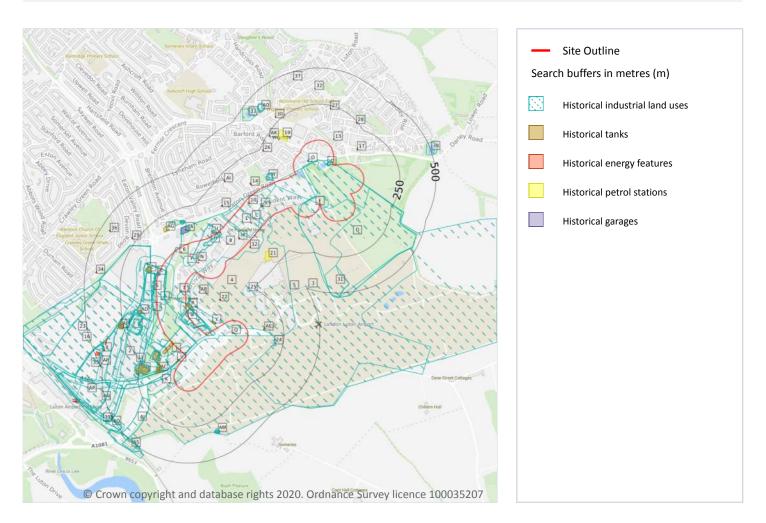
Capture Date: 27/05/1999





Grid ref: 511757 221628

1 Past land use



1.1 Historical industrial land uses

Records within 500m 152

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 13

ID	Location	Land use	Dates present	Group ID
1	On site	Engineering Works	1973	2059803





ID	Location	Land use	Dates present	Group ID
2	On site	Abandoned Airfield	1938	2064746
3	On site	Airport	1985 - 1991	2075273
4	On site	Airport	1973	2080536
5	On site	Airport	1951	2088346
A	On site	Unspecified Tank	1951	2043968
A	On site	Sludge Pit	1922 - 1947	2108290
В	On site	Infectious Disease Hospital	1938	2062131
В	On site	Infectious Diseases Hospital	1947 - 1951	2068392
В	On site	Infectious Diseases Hospital	1938	2075790
В	On site	Infectious Diseases Hospital	1900	2078238
В	On site	Infectious Diseases Hospital	1922 - 1938	2097497
В	On site	Infectious Diseases Hospital	1922	2101615
С	On site	Old Gravel Pit	1899	2067460
С	On site	Unspecified Pit	1925 - 1947	2080471
С	On site	Old Gravel Pit	1879	2090210
С	On site	Unspecified Pit	1951	2095864
С	On site	Unspecified Pit	1925	2101612
С	On site	Old Gravel Pit	1888 - 1899	2113794
D	On site	Unspecified Workings	1985 - 1991	2068404
D	On site	Refuse Heap	1973	2110727
E	On site	Pumping Station	1938	2069073
E	On site	Pumping Station	1922 - 1947	2075017
E	On site	Pumping Station	1922 - 1938	2101396
F	On site	Unspecified Pit	1985 - 1991	2070559
G	On site	Unspecified Ground Workings	1985	2071001
G	On site	Unspecified Ground Workings	1973	2111956
Н	On site	Clay Pit	1888	2083056
Н	On site	Brick and Tile Works	1879	2088412





ID	Location	Land use	Dates present	Group ID
Н	On site	Brick and Tile Works	1888	2094653
Н	On site	Clay Pit	1879	2114431
I	On site	Sewage Farm	1938 - 1947	2084233
1	On site	Sewage Farm	1922	2093019
1	On site	Sewage Farm	1922	2109430
J	On site	Unspecified Works	1985 - 1991	2089492
J	On site	Unspecified Works	1973	2118614
K	On site	Unspecified Depot	1985 - 1991	2094910
0	On site	Police Station	1985	2059684
P	On site	Unspecified Ground Workings	1973	2060168
I	4m W	Corporation Sewage Farm	1938	2045690
R	4m E	Unspecified Tanks	1991	2106818
S	7m W	Unspecified Ground Workings	1938	2088042
R	9m E	Unspecified Tanks	1985	2064063
R	9m E	Unspecified Tanks	1973	2098903
S	10m W	Unspecified Ground Workings	1922 - 1938	2088787
S	10m W	Filter Beds	1922 - 1938	2080653
S	11m W	Filter Beds	1947	2078230
J	13m SW	Unspecified Heap	1973	2066098
J	13m SW	Unspecified Heap	1985 - 1991	2067363
S	14m W	Filter Beds	1938	2099566
S	15m W	Filter Beds	1922 - 1938	2082499
Т	15m W	Sedimentation Tanks	1922 - 1947	2084558
Т	15m W	Sedimentation Tanks	1938	2065981
Т	15m W	Sedimentation Tanks	1922 - 1938	2085977
U	16m NW	Brick Kiln	1879	2071652
U	18m NW	Brick Kiln	1888	2084142
W	22m NW	Unspecified Pit	1938	2096741





ID	Location	Land use	Dates present	Group ID
Χ	22m W	Unspecified Works	1985 - 1991	2105491
W	25m NW	Unspecified Pit	1951	2113728
W	25m NW	Unspecified Pit	1922 - 1947	2085982
W	25m NW	Unspecified Pit	1922 - 1938	2113013
U	27m NW	Lime Kiln	1888	2122497
11	27m W	Sewage Farm	1900	2116806
Υ	30m NW	Unspecified Tanks	1991	2054886
Χ	36m W	Unspecified Works	1951	2079517
Χ	36m W	Unspecified Works	1973	2087247
Z	50m W	Sedimentation Tanks	1922 - 1938	2071843
U	52m NW	Lime Kiln	1879	2058745
Z	55m W	Sedimentation Tanks	1938	2072716
Z	56m W	Sedimentation Tanks	1922	2091535
Z	56m W	Unspecified Tank	1938 - 1947	2103766
Ζ	70m W	Sedimentation Tanks	1922	2100690
Z	70m W	Unspecified Tank	1938 - 1947	2101497
I	74m W	Unspecified Ground Workings	1938	2065991
I	77m W	Unspecified Ground Workings	1922 - 1938	2102029
AA	78m N	Garage	1973	2070405
AA	78m N	Garage	1985 - 1991	2075234
Z	79m W	Unspecified Tank	1938 - 1947	2077769
Z	79m W	Sedimentation Tanks	1922	2119131
AC	93m W	Unspecified Tanks	1985 - 1991	2105220
AC	93m W	Unspecified Tanks	1973	2116020
I	103m W	Filter Beds	1922 - 1947	2065942
AC	104m SW	Unspecified Ground Workings	1938	2060170
AD	104m W	Sedimentation Tanks	1922 - 1938	2085117
16	105m W	Motor Works	1938	2101981





18 106m W Motor Works 1947 2121998 AC 109m SW Sewage Tanks 1922 - 1947 2072185 AD 109m W Sedimentation Tanks 1922 - 1947 2094616 AD 109m W Unspecified Tanks 1938 2054889 I 110m W Unspecified Tanks 1938 2100856 AC 110m W Sewage Tanks 1900 209425 AC 110m SW Sewage Tanks 1938 2106808 I 112m W Unspecified Tanks 1922 - 1938 2066595 AC 112m W Sewage Tanks 1922 2113279 AC 112m W Sewage Tanks 1947 2116856 AC 113m W Sewage Tanks 1938 2079173 AC 115m SW Unspecified Heap 1973 2053772 AC 119m SW Sewage Tanks 1922 - 1938 2078192 20 125m W Sedimentation Tanks 1947 2042551 AD 129m W Sedimentation Tanks 1922 - 1938 2098412	
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AF 146m N Unspecified Ground Workings 1900 - 1922 2084964 AF 146m N Unspecified Ground Workings 1947 2104418	
AF 146m N Unspecified Ground Workings 1947 2104418	
AE 147 N Homosified Bit 1051	
AF 147m N Unspecified Pit 1951 2063847	
AF 147m N Unspecified Ground Workings 1985 - 1991 2066885	
23 151m W Motor Works 1938 2077847	
AC 152m SW Sewage Tanks 1922 - 1938 2078191	
AH 170m W Sewage Tanks 1922 - 1947 2083084	





Grid ref: 511757 221628

ID	Location	Land use	Dates present	Group ID
АН	171m W	Unspecified Ground Workings	1938	2060169
24	176m E	Fire Station	1985 - 1991	2094223
АН	182m W	Sewage Tanks	1922 - 1938	2069427
АН	183m W	Sewage Tanks	1938	2094555
АН	200m W	Sewage Tanks	1922 - 1938	2120043
25	204m SE	Unspecified Tank	1991	2043969
AJ	214m SW	Cuttings	1991	2073163
AJ	214m SW	Cuttings	1985	2087120
АН	221m W	Sewage Tanks	1922 - 1938	2073187
AL	249m W	Unspecified Tanks	1973	2094486
AL	249m W	Unspecified Tanks	1985 - 1991	2095684
31	308m S	Refuse Heap	1951	2072758
AM	310m SE	Unspecified Heap	1938	2053774
AM	317m SE	Unspecified Pit	1922	2098654
AM	318m SE	Unspecified Pit	1951	2104244
AM	326m SE	Unspecified Pit	1900	2083045
AM	327m SE	Old Chalk Pit	1888	2118934
AM	332m SE	Old Chalk Pit	1879	2080578
AN	363m W	Motor Car Engineering Works	1947	2079413
AO	374m NW	Unspecified Pit	1922 - 1951	2093738
AO	375m NW	Old Chalk Pit	1900	2043486
AO	379m NW	Unspecified Pit	1938	2113035
33	391m NW	Filter Bed	1973	2056049
35	421m SW	Hydraulic Engineering Works	1922	2049650
Χ	422m W	Unspecified Ground Workings	1938	2070154
Χ	423m W	Unspecified Ground Workings	1922	2066513
AN	438m W	Motor Cars Engineering Works	1922	2084716
AP	439m W	Unspecified Commercial/Industrial	1938	2058218



08444 159 000



Grid ref: 511757 221628

ID	Location	Land use	Dates present	Group ID
AP	441m W	Motor Car Engineering Works	1922	2095477
AQ	459m SW	Miniature Rifle Range	1951	2104706
38	463m E	Unspecified Pit	1991	2040772
AQ	476m SW	Miniature Rifle Range	1922 - 1947	2120258
AQ	480m SW	Miniature Rifle Range	1938	2096611
AQ	483m SW	Miniature Rifle Range	1922	2073227
39	483m SW	Rifle Range	1900	2056225
AS	486m SW	Cuttings	1985	2107800
AS	491m SW	Cuttings	1991	2103087
AS	492m SW	Cuttings	1938	2112047
AS	492m SW	Cuttings	1951 - 1973	2084869

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m 52

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 13

ID	Location	Land use	Dates present	Group ID
9	On site	Tanks	1967	348011
10	On site	Unspecified Tank	1967 - 1981	356617
F	On site	Unspecified Tank	1993	350223
J	On site	Tanks	1993	351704
L	On site	Unspecified Tank	1981	343024
L	On site	Tanks	1967	348012
N	On site	Unspecified Tank	1993	351686





ID	Location	Land use	Dates present	Group ID
N	On site	Unspecified Tank	1979	358270
N	On site	Unspecified Tank	1979 - 1993	358483
N	On site	Unspecified Tank	1979 - 1990	358503
N	On site	Unspecified Tank	1990	358737
Р	On site	Unspecified Tank	1979 - 1993	356973
Q	On site	Tanks	1993	348040
Q	On site	Septic Tanks	1968 - 1981	356668
F	2m W	Unspecified Tank	1990	343023
J	3m SW	Tanks	1984	355530
R	7m E	Tanks	1976 - 1993	351231
V	16m NW	Tanks	1974 - 1984	353951
V	17m NW	Unspecified Tank	1993	343088
V	20m NW	Tanks	1974 - 1993	355198
Υ	28m NW	Tanks	1993	348041
J	29m SW	Tanks	1993	356552
Υ	30m NW	Unspecified Tank	1993	355400
Υ	30m NW	Unspecified Tank	1996	357020
J	38m SW	Tanks	1984	355756
Z	50m W	Sedimentation Tanks	1924	347538
J	64m SW	Tanks	1993	354382
J	73m SW	Tanks	1984	357672
AB	92m E	Unspecified Tank	1993	343081
AC	93m W	Tanks	1962 - 1993	357771
AC	93m W	Unspecified Tank	1971	343084
AA	93m N	Unspecified Tank	1979	343079
AC	98m W	Tanks	1962 - 1993	351946
AC	99m W	Unspecified Tank	1971	343085
AD	105m W	Sedimentation Tanks	1924	347537





Grid ref: 511757 221628

ID	Location	Land use	Dates present	Group ID
17	106m N	Tanks	1971	348010
AC	108m W	Unspecified Tank	1971	343082
AE	109m E	Septic Tanks	1968 - 1981	353741
AE	110m E	Tanks	1993	348039
AC	110m W	Unspecified Tank	1971	343083
AC	110m W	Sewage Tanks	1901 - 1924	349772
AC	113m SW	Sewage Tanks	1901 - 1924	349675
AC	126m NW	Sewage Tanks	1901 - 1924	349905
АН	176m W	Sewage Tanks	1901 - 1924	354602
AL	247m W	Unspecified Tank	1962 - 1993	354394
AL	248m W	Tanks	1961 - 1975	355038
AL	257m W	Unspecified Tank	1962 - 1993	352116
AL	265m W	Unspecified Tank	1962 - 1993	351014
AL	274m W	Unspecified Tank	1962 - 1993	356365
Χ	382m W	Unspecified Tank	1986 - 1996	353962
AR	481m SW	Unspecified Tank	1996	343067
AR	491m SW	Unspecified Tank	1996	343066

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m 35

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
6	On site	Electricity Substation	1979 - 1993	232053





ID	Location	Land use	Dates present	Group ID
7	On site	Electricity Substation	1993	224990
8	On site	Electricity Substation	1994	224982
L	On site	Electricity Substation	1987 - 1994	238613
M	On site	Electricity Substation	1967 - 1994	232755
M	On site	Electricity Substation	1981 - 1991	238501
N	On site	Electricity Substation	1979 - 1993	238313
0	On site	Electricity Substation	1989 - 1993	232399
12	28m SE	Electricity Substation	1967	224981
K	35m W	Electricity Substation	1984 - 1993	238409
В	41m NE	Electricity Substation	1976 - 1993	232415
13	46m NE	Electricity Substation	1989 - 1993	237673
14	59m NW	Electricity Substation	1985 - 1993	233982
AB	92m S	Electricity Substation	1993	224991
15	101m NW	Electricity Substation	1967 - 1994	231580
22	150m S	Electricity Substation	1973 - 1996	230295
Al	196m NW	Electricity Substation	1993	236391
Al	206m NW	Electricity Substation	1985	224979
26	224m W	Electricity Substation	1982 - 1993	233395
27	227m N	Electricity Substation	1994 - 1996	231601
AK	233m NW	Gas Governor	1985	239621
AK	235m NW	Gas Governor	1993	233437
28	240m NE	Electricity Substation	1989	224980
29	278m NW	Electricity Substation	1974 - 1993	239862
30	280m NW	Electricity Substation	1984 - 1990	234081
32	357m N	Electricity Substation	1994 - 1996	231356
Χ	398m W	Electricity Substation	1986 - 1996	236886
34	419m W	Electricity Substation	1975 - 1993	239690
Χ	424m SW	Electricity Substation	1986 - 1996	239344





Grid ref: 511757 221628

ID	Location	Land use	Dates present	Group ID
36	435m NW	Electricity Substation	1974 - 1993	235381
37	449m N	Electricity Substation	1994 - 1996	229347
Χ	464m SW	Electricity Substation	1996	238963
Χ	465m SW	Electricity Substation	1986 - 1996	229123
Χ	478m SW	Electricity Substation	1986 - 1996	230952
AR	496m SW	Electricity Substation	1996	224992

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m 3

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 13

ID	Location	Land use	Dates present	Group ID
19	114m NW	Filling Station	1984	3829
21	132m SE	Filling Station	1981 - 1991	4034
AG	149m NW	Filling Station	1979	3831

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m 4

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 13





Grid ref: 511757 221628

ID	Location	Land use	Dates present	Group ID
AA	78m N	Garage	1979	70067
AA	79m N	Garage	1962 - 1967	72251
AA	79m N	Garage	1962	70324
AG	147m NW	Garage	1967	69243

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.

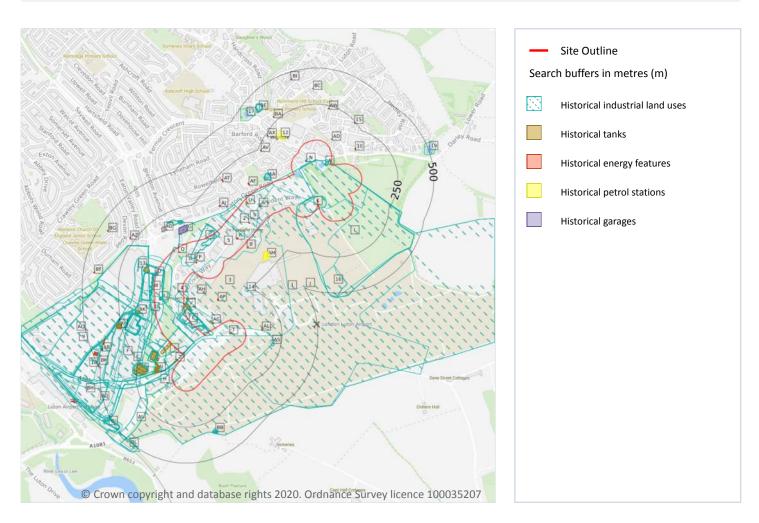


Date: 23 November 2020



Grid ref: 511757 221628

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m 269

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 25

ID	Location	Land Use	Date	Group ID
1	On site	Airport	1951	2088346
2	On site	Engineering Works	1973	2059803
3	On site	Airport	1973	2080536



Date: 23 November 2020



ID	Location	Land Use	Date	Group ID
Α	On site	Unspecified Pit	1947	2080471
Α	On site	Unspecified Pit	1925	2080471
Α	On site	Unspecified Pit	1925	2101612
Α	On site	Old Gravel Pit	1888	2113794
Α	On site	Unspecified Pit	1951	2095864
Α	On site	Old Gravel Pit	1899	2113794
Α	On site	Old Gravel Pit	1879	2090210
Α	On site	Old Gravel Pit	1899	2067460
В	On site	Sludge Pit	1947	2108290
В	On site	Sludge Pit	1922	2108290
В	On site	Sludge Pit	1938	2108290
В	On site	Sludge Pit	1938	2108290
В	On site	Sludge Pit	1922	2108290
В	On site	Sludge Pit	1938	2108290
В	On site	Sludge Pit	1922	2108290
В	On site	Unspecified Tank	1951	2043968
В	On site	Sludge Pit	1938	2108290
С	On site	Sewage Farm	1922	2109430
С	On site	Sewage Farm	1947	2084233
С	On site	Sewage Farm	1938	2084233
С	On site	Sewage Farm	1922	2093019
С	On site	Sewage Farm	1922	2093019
D	On site	Pumping Station	1947	2075017
D	On site	Pumping Station	1922	2075017
D	On site	Pumping Station	1938	2069073
D	On site	Pumping Station	1938	2101396
D	On site	Pumping Station	1922	2101396
D	On site	Pumping Station	1938	2101396





Grid ref: 511757 221628

ID	Location	Land Use	Date	Group ID
D	On site	Pumping Station	1922	2101396
D	On site	Pumping Station	1938	2075017
E	On site	Infectious Diseases Hospital	1947	2068392
E	On site	Infectious Diseases Hospital	1922	2101615
E	On site	Infectious Diseases Hospital	1900	2078238
E	On site	Infectious Disease Hospital	1938	2062131
E	On site	Infectious Diseases Hospital	1938	2075790
E	On site	Infectious Diseases Hospital	1922	2097497
E	On site	Infectious Diseases Hospital	1938	2075790
E	On site	Infectious Diseases Hospital	1922	2097497
E	On site	Infectious Diseases Hospital	1951	2068392
E	On site	Infectious Diseases Hospital	1938	2097497
F	On site	Abandoned Airfield	1938	2064746
F	On site	Abandoned Airfield	1938	2064746
G	On site	Brick and Tile Works	1888	2094653
G	On site	Clay Pit	1888	2083056
G	On site	Brick and Tile Works	1888	2094653
G	On site	Clay Pit	1888	2083056
G	On site	Brick and Tile Works	1879	2088412
G	On site	Clay Pit	1879	2114431
G	On site	Brick and Tile Works	1879	2088412
н	On site	Unspecified Depot	1991	2094910
н	On site	Unspecified Depot	1985	2094910
1	On site	Unspecified Works	1991	2089492
1	On site	Unspecified Works	1985	2089492
	On site	Unspecified Works	1973	2118614
J	On site	Airport	1991	2075273
J	On site	Airport	1985	2075273
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ID	Location	Land Use	Date	Group ID
K	On site	Unspecified Pit	1991	2070559
K	On site	Unspecified Pit	1985	2070559
L	On site	Unspecified Workings	1991	2068404
L	On site	Unspecified Workings	1985	2068404
L	On site	Refuse Heap	1973	2110727
M	On site	Unspecified Ground Workings	1985	2071001
M	On site	Unspecified Ground Workings	1973	2111956
N	On site	Police Station	1985	2059684
0	On site	Unspecified Ground Workings	1973	2060168
С	4m W	Corporation Sewage Farm	1938	2045690
V	4m E	Unspecified Tanks	1991	2106818
W	7m W	Unspecified Ground Workings	1938	2088042
V	9m E	Unspecified Tanks	1985	2064063
V	9m E	Unspecified Tanks	1973	2098903
W	10m W	Unspecified Ground Workings	1938	2088787
W	10m W	Unspecified Ground Workings	1922	2088787
W	10m W	Unspecified Ground Workings	1938	2088787
W	10m W	Unspecified Ground Workings	1922	2088787
W	10m W	Filter Beds	1938	2080653
W	11m W	Filter Beds	1947	2078230
W	11m W	Filter Beds	1922	2080653
I	13m SW	Unspecified Heap	1991	2067363
	13m SW	Unspecified Heap	1985	2067363
	13m SW	Unspecified Heap	1973	2066098
W	14m W	Filter Beds	1938	2099566
W	15m W	Filter Beds	1938	2082499
W	15m W	Filter Beds	1922	2082499
W	15m W	Filter Beds	1938	2082499





ID	Location	Land Use	Date	Group ID
W	15m W	Filter Beds	1922	2082499
Χ	15m W	Sedimentation Tanks	1938	2084558
Χ	15m W	Sedimentation Tanks	1938	2065981
Χ	15m W	Sedimentation Tanks	1938	2085977
Χ	15m W	Sedimentation Tanks	1922	2085977
Χ	15m W	Sedimentation Tanks	1938	2085977
Χ	15m W	Sedimentation Tanks	1922	2085977
Χ	16m W	Sedimentation Tanks	1947	2084558
Χ	16m W	Sedimentation Tanks	1922	2084558
Υ	16m NW	Brick Kiln	1879	2071652
Υ	16m NW	Brick Kiln	1879	2071652
Υ	18m NW	Brick Kiln	1888	2084142
Υ	18m NW	Brick Kiln	1888	2084142
AA	22m NW	Unspecified Pit	1938	2096741
AB	22m W	Unspecified Works	1991	2105491
AB	22m W	Unspecified Works	1985	2105491
AA	25m NW	Unspecified Pit	1951	2113728
AA	25m NW	Unspecified Pit	1947	2085982
AA	25m NW	Unspecified Pit	1922	2085982
AA	25m NW	Unspecified Pit	1938	2085982
AA	25m NW	Unspecified Pit	1938	2113013
AA	25m NW	Unspecified Pit	1922	2113013
AA	25m NW	Unspecified Pit	1938	2113013
AA	25m NW	Unspecified Pit	1922	2113013
Υ	27m NW	Lime Kiln	1888	2122497
Υ	27m NW	Lime Kiln	1888	2122497
7	27m W	Sewage Farm	1900	2116806
AC	30m NW	Unspecified Tanks	1991	2054886





AB 36m W Unspecified Works 1951 2079517 AB 36m W Unspecified Works 1973 2087247 AB 50m W Sedimentation Tanks 1938 2071843 AE 50m W Sedimentation Tanks 1922 2071843 AE 50m W Sedimentation Tanks 1938 2071843 AE 50m W Sedimentation Tanks 1922 2071843 AE 50m W Sedimentation Tanks 1922 2071843 AE 55m W Sedimentation Tanks 1922 207176 AE 56m W Sedimentation Tanks 1938 2072716 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1947 210497 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029	ID	Location	Land Use	Date	Group ID
AE 50m W Sedimentation Tanks 1938 2071843 AE 50m W Sedimentation Tanks 1922 2071843 AE 50m W Sedimentation Tanks 1938 2071843 AE 50m W Sedimentation Tanks 1922 2071843 X 52m NW Lime Kiln 1879 2058745 AE 55m W Sedimentation Tanks 1938 2072716 AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1947 2101497 C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029	AB	36m W	Unspecified Works	1951	2079517
AE 50m W Sedimentation Tanks 1922 2071843 AE 50m W Sedimentation Tanks 1938 2071843 AE 50m W Sedimentation Tanks 1922 2071843 Y 52m NW Lime Kiln 1879 2058745 AE 55m W Sedimentation Tanks 1938 2072716 AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1938 2101497 AE 70m W Unspecified Ground Workings 1938 2005991 C 74m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1922 2102029	AB	36m W	Unspecified Works	1973	2087247
AE 50m W Sedimentation Tanks 1938 2071843 AE 50m W Sedimentation Tanks 1922 2071843 Y 52m NW Lime Kiln 1879 2058745 AE 55m W Sedimentation Tanks 1938 2072716 AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 AE 70m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029	AE	50m W	Sedimentation Tanks	1938	2071843
AE 50m W Sedimentation Tanks 1922 2071843 Y 52m NW Lime Kiln 1879 2058745 AE 55m W Sedimentation Tanks 1938 2072716 AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 AE 70m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 207022 <td>AE</td> <td>50m W</td> <td>Sedimentation Tanks</td> <td>1922</td> <td>2071843</td>	AE	50m W	Sedimentation Tanks	1922	2071843
Y 52m NW Lime Kiln 1879 2058745 AE 55m W Sedimentation Tanks 1938 2072716 AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1992 2102029 C 77m W Unspecified Ground Workings 1991 2075234 AG 78m N Garage 1995 2075234	AE	50m W	Sedimentation Tanks	1938	2071843
AE 55m W Sedimentation Tanks 1938 2072716 AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 AE 70m W Unspecified Ground Workings 1938 2102029 C 74m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1991 2075234 AG 78m N Garage 1991 2075234 AG 78m N Garage 19973 2070405	AE	50m W	Sedimentation Tanks	1922	2071843
AE 56m W Sedimentation Tanks 1922 2091535 AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2065991 C 74m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1992 207029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1993 2070405 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1991 2105220	Υ	52m NW	Lime Kiln	1879	2058745
AE 56m W Unspecified Tank 1947 2103766 AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2065991 C 74m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1991 2105220	AE	55m W	Sedimentation Tanks	1938	2072716
AE 56m W Unspecified Tank 1938 2103766 AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1993 2070405 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1995 2105220 </td <td>AE</td> <td>56m W</td> <td>Sedimentation Tanks</td> <td>1922</td> <td>2091535</td>	AE	56m W	Sedimentation Tanks	1922	2091535
AE 70m W Sedimentation Tanks 1922 2100690 AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 <	AE	56m W	Unspecified Tank	1947	2103766
AE 70m W Unspecified Tank 1947 2101497 AE 70m W Unspecified Tank 1938 2101497 C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1992 2102029 C 77m W Unspecified Ground Workings 1992 2102029 C 77m W Unspecified Ground Workings 1992 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1993 2075234 AG 78m N Garage 1993 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1991 2105220	AE	56m W	Unspecified Tank	1938	2103766
AE 70m W Unspecified Tank 1938 2101497 C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1991 2105220	AE	70m W	Sedimentation Tanks	1922	2100690
C 74m W Unspecified Ground Workings 1938 2065991 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1991 2105220	AE	70m W	Unspecified Tank	1947	2101497
C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1991 2105220	AE	70m W	Unspecified Tank	1938	2101497
C 77m W Unspecified Ground Workings 1922 2102029 C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1992 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tanks 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	С	74m W	Unspecified Ground Workings	1938	2065991
C 77m W Unspecified Ground Workings 1938 2102029 C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	С	77m W	Unspecified Ground Workings	1938	2102029
C 77m W Unspecified Ground Workings 1922 2102029 AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1991 2105220 AI 93m W Unspecified Tanks 1995 2105220	С	77m W	Unspecified Ground Workings	1922	2102029
AG 78m N Garage 1991 2075234 AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	С	77m W	Unspecified Ground Workings	1938	2102029
AG 78m N Garage 1985 2075234 AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	С	77m W	Unspecified Ground Workings	1922	2102029
AG 78m N Garage 1973 2070405 AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	AG	78m N	Garage	1991	2075234
AE 79m W Sedimentation Tanks 1922 2119131 AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	AG	78m N	Garage	1985	2075234
AE 79m W Unspecified Tank 1947 2077769 AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	AG	78m N	Garage	1973	2070405
AE 79m W Unspecified Tank 1938 2077769 AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	AE	79m W	Sedimentation Tanks	1922	2119131
AI 93m W Unspecified Tanks 1991 2105220 AI 93m W Unspecified Tanks 1985 2105220	AE	79m W	Unspecified Tank	1947	2077769
Al 93m W Unspecified Tanks 1985 2105220	AE	79m W	Unspecified Tank	1938	2077769
	Al	93m W	Unspecified Tanks	1991	2105220
Al 93m W Unspecified Tanks 1973 2116020	Al	93m W	Unspecified Tanks	1985	2105220
	Al	93m W	Unspecified Tanks	1973	2116020





ID	Location	Land Use	Date	Group ID
С	103m W	Filter Beds	1938	2065942
Al	104m SW	Unspecified Ground Workings	1938	2060170
С	104m W	Filter Beds	1947	2065942
С	104m W	Filter Beds	1922	2065942
AK	104m W	Sedimentation Tanks	1938	2085117
AK	104m W	Sedimentation Tanks	1922	2085117
AK	104m W	Sedimentation Tanks	1938	2085117
AK	104m W	Sedimentation Tanks	1922	2085117
9	105m W	Motor Works	1938	2101981
11	106m W	Motor Works	1947	2121998
Al	109m SW	Sewage Tanks	1947	2072185
ΑI	109m SW	Sewage Tanks	1922	2072185
AK	109m W	Sedimentation Tanks	1938	2094616
AK	109m W	Unspecified Tanks	1938	2054889
С	110m W	Unspecified Tanks	1938	2100856
AK	110m W	Sedimentation Tanks	1947	2094616
AK	110m W	Sedimentation Tanks	1922	2094616
ΑI	110m W	Sewage Tanks	1900	2099425
ΑI	110m SW	Sewage Tanks	1938	2106808
С	112m W	Unspecified Tanks	1938	2066595
С	112m W	Unspecified Tanks	1922	2066595
С	112m W	Unspecified Tanks	1938	2066595
С	112m W	Unspecified Tanks	1922	2066595
Al	112m W	Sewage Tanks	1947	2116856
Al	112m W	Sewage Tanks	1922	2113279
Al	113m SW	Sewage Tanks	1938	2072185
Al	113m W	Sewage Tanks	1938	2079173
Al	115m SW	Unspecified Heap	1973	2053772





AI 119m SW Sewage Tanks 1938 2078192 AI 119m SW Sewage Tanks 1922 2078192 AI 119m SW Sewage Tanks 1938 2078192 AI 119m SW Sewage Tanks 1922 2078192 AI 119m SW Sewage Tanks 1947 2042551 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1938 2102060 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 141m N Old Chalk Pit 1889 2103516 AN 141m N	ID	Location	Land Use	Date	Group ID
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AI 119m SW Sewage Tanks 1922 2078192 13 125m W Sedimentation Tanks 1947 2042551 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1922 2098412 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1938 2068714 AN 145m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1992 2084964 <t< td=""><td>Al</td><td>119m SW</td><td>Sewage Tanks</td><td>1922</td><td>2078192</td></t<>	Al	119m SW	Sewage Tanks	1922	2078192
13 125m W Sedimentation Tanks 1947 2042551 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1992 2084964 AN 146m N Unspecified Ground Workings 1995 206885	Al	119m SW	Sewage Tanks	1938	2078192
AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1938 2068714 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1990 2084964 AN 147m N Unspecified Ground Workings 1985 2063847 AN 147m N Unspecified Ground Workings 1991 2066885	Al	119m SW	Sewage Tanks	1922	2078192
AI 126m NW Sewage Tanks 1922 2098412 AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1888 2103516 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1922 2084964 AN 147m N Unspecified Ground Workings 1990 2084964 AN 147m N Unspecified Ground Workings 1995 2066885 AN 150m N Unspecified Ground Workings 1991 20	13	125m W	Sedimentation Tanks	1947	2042551
AI 126m NW Sewage Tanks 1938 2098412 AI 126m NW Sewage Tanks 1922 2098412 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1888 2103516 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1922 2084964 AN 146m N Unspecified Ground Workings 1900 2084964 AN 147m N Unspecified Ground Workings 1995 2066885 AN 147m N Unspecified Ground Workings 1995 2066885 AQ 151m W Motor Works 1938 2077	Al	126m NW	Sewage Tanks	1938	2098412
AI 126m NW Sewage Tanks 1922 2098412 AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1888 2103516 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1922 2084964 AN 146m N Unspecified Ground Workings 1900 2084964 AN 147m N Unspecified Ground Workings 1995 2066885 AN 147m N Unspecified Ground Workings 1995 2066885 AN 150m N Unspecified Ground Workings 1991 2066885 AQ 151m W Motor Works 1938	Al	126m NW	Sewage Tanks	1922	2098412
AK 128m W Sedimentation Tanks 1938 2102060 AK 129m W Sedimentation Tanks 1947 2080209 AK 129m W Sedimentation Tanks 1922 2065051 AN 139m N Old Chalk Pit 1879 2105620 AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1938 2068714 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1922 2084964 AN 146m N Unspecified Ground Workings 1900 2084964 AN 147m N Unspecified Ground Workings 1991 2063847 AN 147m N Unspecified Ground Workings 1995 2066885 AN 150m N Unspecified Ground Workings 1991 2066885 AN 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938	Al	126m NW	Sewage Tanks	1938	2098412
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AN 141m N Old Chalk Pit 1888 2103516 AN 141m N Old Chalk Pit 1888 2103516 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1922 2084964 AN 147m N Unspecified Ground Workings 1990 2084964 AN 147m N Unspecified Ground Workings 1985 2066885 AN 150m N Unspecified Ground Workings 1991 2066885 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2077847	AK	129m W	Sedimentation Tanks	1922	2065051
AN 141m N Old Chalk Pit 1888 2103516 AN 145m N Unspecified Pit 1938 2068714 AN 146m N Unspecified Ground Workings 1947 2104418 AN 146m N Unspecified Ground Workings 1922 2084964 AN 146m N Unspecified Ground Workings 1900 2084964 AN 147m N Unspecified Pit 1951 2063847 AN 147m N Unspecified Ground Workings 1985 2066885 AN 150m N Unspecified Ground Workings 1991 2066885 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AN	139m N	Old Chalk Pit	1879	2105620
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AN 147m N Unspecified Pit 1951 2063847 AN 147m N Unspecified Ground Workings 1985 2066885 AN 150m N Unspecified Ground Workings 1991 2066885 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AN	146m N	Unspecified Ground Workings	1922	2084964
AN 147m N Unspecified Ground Workings 1985 2066885 AN 150m N Unspecified Ground Workings 1991 2066885 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AN	146m N	Unspecified Ground Workings	1900	2084964
AN 150m N Unspecified Ground Workings 1991 2066885 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AN	147m N	Unspecified Pit	1951	2063847
AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AN	147m N	Unspecified Ground Workings	1985	2066885
AQ 151m W Motor Works 1938 2077847 AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AN	150m N	Unspecified Ground Workings	1991	2066885
AQ 151m W Motor Works 1938 2077847 AI 152m SW Sewage Tanks 1938 2078191	AQ	151m W	Motor Works	1938	2077847
AI 152m SW Sewage Tanks 1938 2078191	AQ	151m W	Motor Works	1938	2077847
	AQ	151m W	Motor Works	1938	2077847
AI 152m SW Sewage Tanks 1922 2078191	Al	152m SW	Sewage Tanks	1938	2078191
	Al	152m SW	Sewage Tanks	1922	2078191
AI 152m SW Sewage Tanks 1938 2078191	Al	152m SW	Sewage Tanks	1938	2078191





ID	Location	Land Use	Date	Group ID
Al	152m SW	Sewage Tanks	1922	2078191
AR	170m W	Sewage Tanks	1938	2083084
AR	171m W	Sewage Tanks	1947	2083084
AR	171m W	Sewage Tanks	1922	2083084
AR	171m W	Unspecified Ground Workings	1938	2060169
AS	176m E	Fire Station	1991	2094223
AS	176m E	Fire Station	1985	2094223
AR	182m W	Sewage Tanks	1938	2069427
AR	182m W	Sewage Tanks	1922	2069427
AR	182m W	Sewage Tanks	1938	2069427
AR	182m W	Sewage Tanks	1922	2069427
AR	183m W	Sewage Tanks	1938	2094555
AR	200m W	Sewage Tanks	1938	2120043
AR	200m W	Sewage Tanks	1922	2120043
AR	200m W	Sewage Tanks	1938	2120043
AR	200m W	Sewage Tanks	1922	2120043
14	204m SE	Unspecified Tank	1991	2043969
AU	214m SW	Cuttings	1991	2073163
AU	214m SW	Cuttings	1985	2087120
AR	221m W	Sewage Tanks	1938	2073187
AR	221m W	Sewage Tanks	1922	2073187
AR	221m W	Sewage Tanks	1938	2073187
AR	221m W	Sewage Tanks	1922	2073187
AY	249m W	Unspecified Tanks	1991	2095684
AY	249m W	Unspecified Tanks	1985	2095684
AY	249m W	Unspecified Tanks	1973	2094486
16	308m S	Refuse Heap	1951	2072758
ВВ	310m SE	Unspecified Heap	1938	2053774





BB 317m SE Unspecified Pit 1922 2098654 BB 317m SE Unspecified Pit 1922 2098654 BB 318m SE Unspecified Pit 1951 2104244 BB 326m SE Unspecified Pit 1900 2083045 BB 327m SE Old Chalk Pit 1888 2118934 BB 332m SE Old Chalk Pit 1879 2080578 BD 363m W Motor Car Englineering Works 1947 2079413 BE 374m NW Unspecified Pit 1951 2093738 BE 375m NW Unspecified Pit 1900 2043486 BE 375m NW Unspecified Pit 1938 2093738 BE 375m NW Unspecified Pit 1938 2093738 BE 375m NW Unspecified Pit 1938 2093738 BE 375m NW Unspecified Pit 1922 2093738 BE 376m NW Unspecified Pit 1922 2093738 <td< th=""><th></th></td<>	
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AB 422m W Unspecified Ground Workings 1938 2070154 AB 423m W Unspecified Ground Workings 1922 2066513 AB 423m W Unspecified Ground Workings 1922 2066513 BD 438m W Motor Cars Engineering Works 1922 2084716 BD 438m W Motor Cars Engineering Works 1922 2084716	
AB 423m W Unspecified Ground Workings 1922 2066513 AB 423m W Unspecified Ground Workings 1922 2066513 BD 438m W Motor Cars Engineering Works 1922 2084716 BD 438m W Motor Cars Engineering Works 1922 2084716	
AB 423m W Unspecified Ground Workings 1922 2066513 BD 438m W Motor Cars Engineering Works 1922 2084716 BD 438m W Motor Cars Engineering Works 1922 2084716	
BD 438m W Motor Cars Engineering Works 1922 2084716 BD 438m W Motor Cars Engineering Works 1922 2084716	
BD 438m W Motor Cars Engineering Works 1922 2084716	
RH /39m W Unspecified Commercial/Industrial 1938 2058218	
2030216	
BH 441m W Motor Car Engineering Works 1922 2095477	
BJ 459m SW Miniature Rifle Range 1951 2104706	





Grid ref: 511757 221628

ID	Location	Land Use	Date	Group ID
19	463m E	Unspecified Pit	1991	2040772
BJ	476m SW	Miniature Rifle Range	1938	2120258
BJ	480m SW	Miniature Rifle Range	1938	2096611
BJ	481m SW	Miniature Rifle Range	1947	2120258
BJ	481m SW	Miniature Rifle Range	1922	2120258
BJ	483m SW	Miniature Rifle Range	1938	2120258
BJ	483m SW	Miniature Rifle Range	1922	2073227
BJ	483m SW	Miniature Rifle Range	1938	2120258
BJ	483m SW	Miniature Rifle Range	1922	2073227
20	483m SW	Rifle Range	1900	2056225
BL	486m SW	Cuttings	1985	2107800
BL	491m SW	Cuttings	1991	2103087
BM	492m SW	Cuttings	1938	2112047
ВМ	492m SW	Cuttings	1973	2084869

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m 84

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 25

ID	Location	Land Use	Date	Group ID
6	On site	Tanks	1967	348011
1	On site	Tanks	1993	351704
K	On site	Unspecified Tank	1993	350223
K	On site	Unspecified Tank	1993	350223
0	On site	Unspecified Tank	1979	356973
0	On site	Unspecified Tank	1990	356973





ID	Location	Land Use	Date	Group ID
0	On site	Unspecified Tank	1993	356973
P	On site	Unspecified Tank	1979	358483
P	On site	Unspecified Tank	1979	358270
P	On site	Unspecified Tank	1979	358503
Р	On site	Unspecified Tank	1990	358503
Р	On site	Unspecified Tank	1990	358483
P	On site	Unspecified Tank	1990	358737
P	On site	Unspecified Tank	1993	351686
Р	On site	Unspecified Tank	1993	358483
S	On site	Tanks	1967	348012
S	On site	Unspecified Tank	1981	343024
Т	On site	Tanks	1993	348040
Т	On site	Septic Tanks	1968	356668
Т	On site	Septic Tanks	1973	356668
Т	On site	Septic Tanks	1981	356668
U	On site	Unspecified Tank	1967	356617
U	On site			356617
	Offsite	Unspecified Tank	1981	330017
K	2m W	Unspecified Tank Unspecified Tank	1981 1990	343023
K		-		
	2m W	Unspecified Tank	1990	343023
I	2m W 3m SW	Unspecified Tank Tanks	1990 1984	343023 355530
V	2m W 3m SW 7m E	Unspecified Tank Tanks Tanks	1990 1984 1993	343023 355530 351231
l V	2m W 3m SW 7m E 8m E	Unspecified Tank Tanks Tanks Tanks	1990 1984 1993 1976	343023 355530 351231 351231
V V Z	2m W 3m SW 7m E 8m E 16m NW	Unspecified Tank Tanks Tanks Tanks Tanks	1990 1984 1993 1976 1984	343023 355530 351231 351231 353951
V V Z Z	2m W 3m SW 7m E 8m E 16m NW	Unspecified Tank Tanks Tanks Tanks Tanks Tanks	1990 1984 1993 1976 1984	343023 355530 351231 351231 353951 353951
V V Z Z Z Z	2m W 3m SW 7m E 8m E 16m NW 16m NW	Unspecified Tank Tanks Tanks Tanks Tanks Unspecified Tank	1990 1984 1993 1976 1984 1974	343023 355530 351231 351231 353951 353951 343088
V V Z Z Z Z Z	2m W 3m SW 7m E 8m E 16m NW 16m NW 17m NW	Unspecified Tank Tanks Tanks Tanks Tanks Unspecified Tank Tanks	1990 1984 1993 1976 1984 1974 1993	343023 355530 351231 351231 353951 343088 355198
V V Z Z Z Z Z Z Z Z	2m W 3m SW 7m E 8m E 16m NW 16m NW 17m NW 20m NW	Unspecified Tank Tanks Tanks Tanks Tanks Unspecified Tank Tanks Tanks	1990 1984 1993 1976 1984 1974 1993 1984	343023 355530 351231 351231 353951 353951 343088 355198





ID	Location	Land Use	Date	Group ID
I	29m SW	Tanks	1993	356552
AC	30m NW	Unspecified Tank	1996	357020
AC	30m NW	Unspecified Tank	1993	355400
AC	30m NW	Unspecified Tank	1996	357020
I	38m SW	Tanks	1984	355756
AE	50m W	Sedimentation Tanks	1924	347538
I	64m SW	Tanks	1993	354382
I	73m SW	Tanks	1984	357672
АН	92m E	Unspecified Tank	1993	343081
Al	93m W	Tanks	1984	357771
Al	93m W	Tanks	1993	357771
Al	93m W	Unspecified Tank	1971	343084
AG	93m N	Unspecified Tank	1979	343079
Al	94m W	Tanks	1962	357771
ΑI	94m W	Tanks	1974	357771
Al	98m W	Tanks	1984	351946
Al	98m W	Tanks	1993	351946
Al	99m W	Unspecified Tank	1971	343085
Al	99m W	Tanks	1962	351946
Al	99m W	Tanks	1974	351946
AK	105m W	Sedimentation Tanks	1924	347537
10	106m N	Tanks	1971	348010
Al	108m W	Unspecified Tank	1971	343082
AL	109m E	Septic Tanks	1981	353741
AL	110m E	Tanks	1993	348039
AL	110m E	Septic Tanks	1968	353741
AL	110m E	Septic Tanks	1973	353741
Al	110m W	Unspecified Tank	1971	343083





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ID	Location	Land Use	Date	Group ID
Al	110m W	Sewage Tanks	1901	349772
Al	110m W	Sewage Tanks	1924	349772
Al	113m SW	Sewage Tanks	1901	349675
Al	113m SW	Sewage Tanks	1924	349675
Al	126m NW	Sewage Tanks	1901	349905
Al	126m NW	Sewage Tanks	1924	349905
AR	176m W	Sewage Tanks	1924	354602
AR	177m W	Sewage Tanks	1901	354602
AY	247m W	Unspecified Tank	1962	354394
AY	248m W	Tanks	1975	355038
AY	248m W	Tanks	1961	355038
AY	248m W	Unspecified Tank	1993	354394
AY	257m W	Unspecified Tank	1962	352116
AY	258m W	Unspecified Tank	1993	352116
AY	265m W	Unspecified Tank	1962	351014
AY	265m W	Unspecified Tank	1993	351014
AY	274m W	Unspecified Tank	1962	356365
AY	275m W	Unspecified Tank	1993	356365
АВ	382m W	Unspecified Tank	1996	353962
АВ	383m W	Unspecified Tank	1986	353962
ВК	481m SW	Unspecified Tank	1996	343067
ВК	491m SW	Unspecified Tank	1996	343066

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m 80

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'.





Grid ref: 511757 221628

Features are displayed on the Past land use - un-grouped map on page 25

ID	Location	Land Use	Date	Group ID
4	On site	Electricity Substation	1993	224990
5	On site	Electricity Substation	1994	224982
N	On site	Electricity Substation	1989	232399
N	On site	Electricity Substation	1993	232399
Р	On site	Electricity Substation	1979	238313
Р	On site	Electricity Substation	1990	238313
Р	On site	Electricity Substation	1993	238313
Q	On site	Electricity Substation	1979	232053
Q	On site	Electricity Substation	1990	232053
Q	On site	Electricity Substation	1993	232053
R	On site	Electricity Substation	1967	232755
R	On site	Electricity Substation	1981	238501
R	On site	Electricity Substation	1987	238501
R	On site	Electricity Substation	1991	238501
R	On site	Electricity Substation	1994	232755
S	On site	Electricity Substation	1987	238613
S	On site	Electricity Substation	1991	238613
S	On site	Electricity Substation	1994	238613
8	28m SE	Electricity Substation	1967	224981
Н	35m W	Electricity Substation	1984	238409
Н	36m W	Electricity Substation	1993	238409
Е	41m NE	Electricity Substation	1993	232415
Е	42m NE	Electricity Substation	1976	232415
AD	46m NE	Electricity Substation	1993	237673
AD	46m NE	Electricity Substation	1989	237673
AF	59m NW	Electricity Substation	1993	233982
AF	59m NW	Electricity Substation	1993	233982





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ID	Location	Land Use	Date	Group ID
AF	60m NW	Electricity Substation	1985	233982
АН	92m S	Electricity Substation	1993	224991
AJ	101m NW	Electricity Substation	1981	231580
AJ	101m NW	Electricity Substation	1987	231580
AJ	101m NW	Electricity Substation	1991	231580
AJ	101m NW	Electricity Substation	1987	231580
AJ	101m NW	Electricity Substation	1967	231580
AJ	103m NW	Electricity Substation	1994	231580
AP	150m S	Electricity Substation	1996	230295
AP	150m S	Electricity Substation	1993	230295
AP	150m S	Electricity Substation	1996	230295
AP	152m S	Electricity Substation	1981	230295
AP	152m S	Electricity Substation	1973	230295
AT	196m NW	Electricity Substation	1993	236391
AT	196m NW	Electricity Substation	1993	236391
AT	206m NW	Electricity Substation	1985	224979
AV	224m W	Electricity Substation	1985	233395
AV	224m W	Electricity Substation	1993	233395
AV	224m W	Electricity Substation	1993	233395
AV	225m W	Electricity Substation	1984	233395
AV	225m W	Electricity Substation	1982	233395
AV	225m W	Electricity Substation	1982	233395
AW	227m N	Electricity Substation	1996	231601
AW	227m N	Electricity Substation	1994	231601
АХ	233m NW	Gas Governor	1985	239621
АХ	235m NW	Gas Governor	1993	233437
AX	235m NW	Gas Governor	1993	233437
15	240m NE	Electricity Substation	1989	224980



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ID	Location	Land Use	Date	Group ID
AZ	278m NW	Electricity Substation	1974	239862
AZ	278m NW	Electricity Substation	1993	239862
ВА	280m NW	Electricity Substation	1990	234081
ВА	281m NW	Electricity Substation	1984	234081
ВС	357m N	Electricity Substation	1996	231356
ВС	357m N	Electricity Substation	1994	231356
AB	398m W	Electricity Substation	1996	236886
AB	399m W	Electricity Substation	1986	236886
BF	419m W	Electricity Substation	1993	239690
BF	419m W	Electricity Substation	1975	239690
AB	424m SW	Electricity Substation	1996	239344
AB	424m SW	Electricity Substation	1986	239344
BG	435m NW	Electricity Substation	1993	235381
BG	435m NW	Electricity Substation	1974	235381
ВІ	449m N	Electricity Substation	1996	229347
ВІ	449m N	Electricity Substation	1994	229347
AB	464m SW	Electricity Substation	1996	238963
AB	465m SW	Electricity Substation	1986	229123
AB	471m SW	Electricity Substation	1996	229123
AB	472m SW	Electricity Substation	1986	229123
AB	478m SW	Electricity Substation	1996	230952
AB	479m SW	Electricity Substation	1986	230952
AB	484m SW	Electricity Substation	1996	230952
AB	484m SW	Electricity Substation	1986	230952
ВК	496m SW	Electricity Substation	1996	224992

This data is sourced from Ordnance Survey / Groundsure.





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2.4 Historical petrol stations

Records within 500m

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 25

ID	Location	Land Use	Date	Group ID
12	114m NW	Filling Station	1984	3829
AM	132m SE	Filling Station	1981	4034
AM	132m SE	Filling Station	1987	4034
AM	132m SE	Filling Station	1991	4034
AO	149m NW	Filling Station	1979	3831

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m 5

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 25

ID	Location	Land Use	Date	Group ID
AG	78m N	Garage	1979	70067
AG	79m N	Garage	1967	72251
AG	79m N	Garage	1962	72251
AG	79m N	Garage	1962	70324
AO	147m NW	Garage	1967	69243

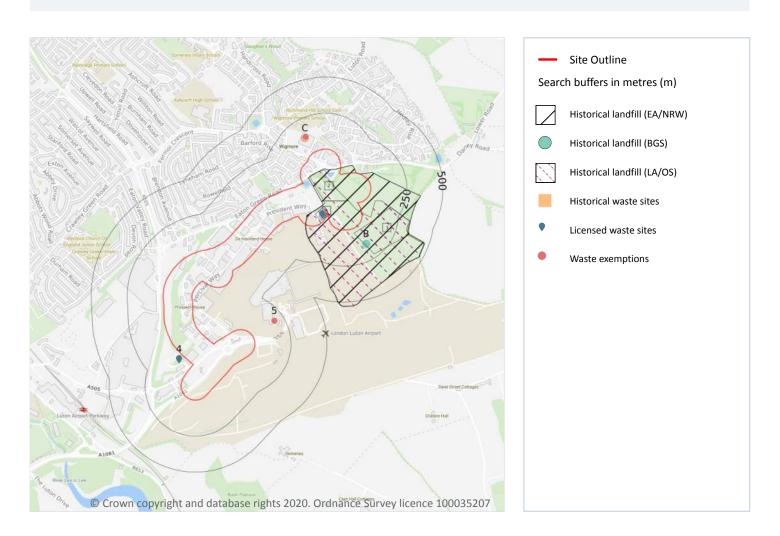
This data is sourced from Ordnance Survey / Groundsure.





Grid ref: 511757 221628

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

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

Features are displayed on the Waste and landfill map on page 43





Grid ref: 511757 221628

ID	Location	Address	BGS Number	Risk	Waste Type
В	138m SE	Town Refuse Tip, Eaton Grn Rd, Luton, Beds	1251	Risk to major aquifer	N/A

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m 5

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

Features are displayed on the Waste and landfill map on page 43

ID	Location	Site address	Source	Data type
2	2 On site Refuse Tip		1971 mapping	Polygon
Α	On site	Public Refuse Tip	1990 mapping	Polygon
Α	On site	Public Refuse Tip	1993 mapping	Polygon
В	On site	Refuse Tip	1971 mapping	Polygon
3	29m SE	Landfill Site	1990 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m 1

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 43

ID	Location	Details		
1	On site	Site Address: Luton Airport, Eaton Green Road, Luton, Bedfordshire Licence Holder Address: -	Waste Licence: - Site Reference: 7/1976, 32/1993 Waste Type: Inert, Industrial, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Luton County Borough Council Licence Holder: Luton Borough Council First Recorded 01/01/1937 Last Recorded: 01/01/1978





Grid ref: 511757 221628

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

3.5 Historical waste sites

Records within 500m 1

Waste site records derived from Local Authority planning records and high detail historical mapping. Features are displayed on the Waste and landfill map on **page 43**

ID	Location	Address	Further Details	Date
С	91m NW	Site Address: Asda Stores Ltd,Wigmore Lane, Wigmore Park Centre, LUTON, Bedfordshire, LU2 9TA	Type of Site: Recycling Area Planning application reference: 09/00213/FUL Description: Scheme comprises installation of 2 security barriers and relocation of recycling area and trolley bay. An application (ref: 09/00213/FUL) for detailed planning permission was granted by Luton B.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	02/09/200 9

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

3.6 Licensed waste sites

Records within 500m 6

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 43**

ID A	On site	Site Name: Luton Tidy Tip, Eaton Green Road Ca Site Site Address: Luton Tidy Tip, CA	Type of Site: Household, Commercial & Industrial Waste T Stn	Issue Date: 01/04/1993 Effective Date: 30/04/2004 Modified:: 31/05/2001
		Site, Eaton Green Road, Luton, Beds, LU2 9JB Correspondence Address: Waste Recycling Group, Sutton Courtenay Lanfill Site, Appleford Sidings, Abingdon, Oxon, OX14 4PW	Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS009 EPR reference: - Operator: Waste Recycling Limited Waste Management licence No: 80489 Annual Tonnage: 0	Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred





Grid ref: 511757 221628

ID	Location	Details		
Α	On site	Site Name: Luton Tidy Tip, Eaton Green Road Ca Site Site Address: Luton Tidy Tip, CA Site, Eaton Green Road, Luton, Beds, LU2 9JB Correspondence Address: Waste Recycling Group, Sutton Courtenay Lanfill Site, Appleford Sidings, Abingdon, Oxon, OX14 4PW	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS009 EPR reference: - Operator: Waste Recycling Ltd Waste Management licence No: 80489 Annual Tonnage: 0	Issue Date: 01/04/1993 Effective Date: 30/04/2004 Modified:: 31/05/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
Α	On site	Site Name: Luton Tidy Tip, Eaton Green Road Ca Site Site Address: Luton Tidy Tip, CA Site, Eaton Green Road, Luton, Beds, LU2 9JB Correspondence Address: Mr R Taafe T/A C A Management Services, Waste Management Div, Central Depot, Kingsway, Luton, Beds, LU4 8AU	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LUT006 EPR reference: - Operator: Luton Borough Council Waste Management licence No: 80489 Annual Tonnage: 0	Issue Date: 01/04/1993 Effective Date: 31/05/2001 Modified:: 31/05/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	On site	Site Name: Eaton Green Civic Amenity Site Site Address: Land/ Premises At, Eaton Green Road, Luton, Bedfordshire, LU2 9NW Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS009 EPR reference: EA/EPR/XP3597NS/V002 Operator: Waste Recycling Ltd Waste Management licence No: 80489 Annual Tonnage: 24999	Issue Date: 01/04/1993 Effective Date: 30/04/2004 Modified:: 07/12/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	On site	Site Name: Eaton Green Household Waste Recycling Centre Site Address: Eaton Green H W R C, Eaton Green Road, Luton, Bedfordshire, LU2 9HB Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS009 EPR reference: EA/EPR/XP3597NS/V004 Operator: F C C Recycling (U K) Limited Waste Management licence No: 80489 Annual Tonnage: 24999	Issue Date: 01/04/1993 Effective Date: 30/04/2004 Modified:: 27/09/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



Date: 23 November 2020



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ID	Location	Details		
4	36m SW	Site Name: Vauxhall Airport Way (Kimpton Lane) Site Address: Andy Ronald, Central Services, Kimpton Road, Luton, Bedfordshire, LU2 OTY Correspondence Address: -	Type of Site: In-House Storage Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VAU001 EPR reference: EA/EPR/LP3197NX/V003 Operator: Vauxhall Motors Ltd Waste Management licence No: 80459 Annual Tonnage: 75000	Issue Date: 22/04/1981 Effective Date: - Modified:: 30/06/1997 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC

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

3.7 Waste exemptions

Records within 500m 2

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 43

	ID	Location	Site	Reference	Category	Sub-Category	Description
C 1		122m NW	Asda Luton Wigmore Lane LUTON LU2 9TA	EPR/JE5856JC/ A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
	5	183m NE	London Luton Airport Hanger 24 Luton LU2 9LY	EPR/WF0602G S/A001	Treating waste exemption	Non- Agricultural Waste Only	Crushing waste fluorescent tubes

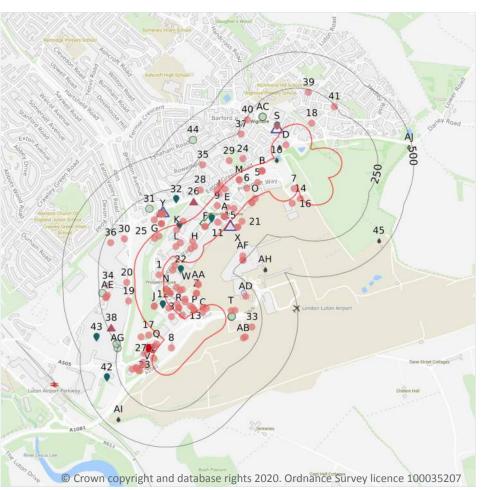
This data is sourced from the Environment Agency and Natural Resources Wales.

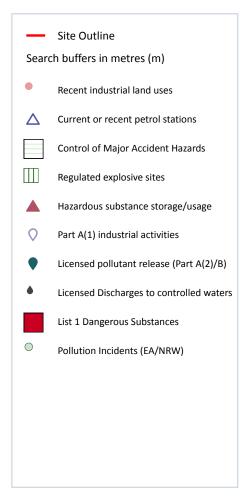




Grid ref: 511757 221628

4 Current industrial land use





4.1 Recent industrial land uses

Records within 250m 120

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 48

ID	Location	Company	Address	Activity	Category
1	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
2	On site	Depot	Bedfordshire, LU2	Container and Storage	Transport, Storage and Delivery
3	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities



Date: 23 November 2020



ID	Location	Company	Address	Activity	Category
4	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
5	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
6	On site	Mast	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
7	On site	Recycling Centre	Bedfordshire, LU2	Recycling Centres	Infrastructure and Facilities
8	On site	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
9	On site	David Berryman	Unit B Airport Executive Park, President Way, Luton, Bedfordshire, LU2 9NY	Non Alcoholic Drinks	Foodstuffs
11	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
Α	On site	First Class Cars	Kensal House, President Way, Luton, Bedfordshire, LU2 9NL	Vehicle Hire and Rental	Hire Services
Α	On site	AEM	De Havilland House, President Way, Luton, Bedfordshire, LU2 9NL	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
Α	On site	Kensal Handling System Ltd	Kensal House, President Way, Luton, Bedfordshire, LU2 9NR	Lifting and Handling Equipment	Industrial Products
В	On site	Europcar	Car Hire Centre Building 250, Luton Airport President Way, London Luton Airport, Luton, Bedfordshire, LU2 9LY	Vehicle Hire and Rental	Hire Services
В	On site	Enterprise Rent-A-Car	Car Rental Airport, President Way, Luton, Bedfordshire, LU2 9NL	Vehicle Hire and Rental	Hire Services
В	On site	Hertz Car Hire	Airport Building 250 President Way, London Luton Airport, Luton, Bedfordshire, LU2 9LY	Vehicle Hire and Rental	Hire Services
С	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
С	On site	Pylon	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
С	On site	Mast (Telecomm unication)	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
D	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities





Grid ref: 511757 221628

ID	Location	Company	Address	Activity	Category
E	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
E	On site	Dot Group Internation al	Unit 2, Prince Way, Luton, Bedfordshire, LU2 9PD	Office and Shop Equipment	Industrial Products
F	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
F	On site	G K N Aerospace	Percival Way, London Luton Airport, Luton, Bedfordshire, LU2 9PQ	Aeroplanes	Industrial Products
G	On site	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features
G	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
Н	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
Н	On site	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
	0:: ::		Building 27 Dessived Way Landon Luten		For all a contra a
Н	On site	Applus UK Ltd	Building 27, Percival Way, London Luton Airport, Luton, Bedfordshire, LU2 9PA	Aviation Engineers	Engineering Services
п I	On site			Airports and Landing Strips	
		Ltd	Airport, Luton, Bedfordshire, LU2 9PA	Airports and Landing	Services
I	On site	Airport Air Cargo & Container	Airport, Luton, Bedfordshire, LU2 9PA Bedfordshire, LU2 Unit H, President Way, Luton, Bedfordshire,	Airports and Landing Strips	Services Air Transport, Storage
1	On site On site	Air Cargo & Container Services Ltd The Charter	Airport, Luton, Bedfordshire, LU2 9PA Bedfordshire, LU2 Unit H, President Way, Luton, Bedfordshire, LU2 9NL Essex House, Proctor Way, Luton,	Airports and Landing Strips Distribution and Haulage	Air Transport, Storage and Delivery
I I	On site On site	Air Cargo & Container Services Ltd The Charter Company Ambrion	Airport, Luton, Bedfordshire, LU2 9PA Bedfordshire, LU2 Unit H, President Way, Luton, Bedfordshire, LU2 9NL Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Essex House, Proctor Way, Luton,	Airports and Landing Strips Distribution and Haulage Aircraft Charters Airlines and Airline	Services Air Transport, Storage and Delivery Contract Services Transport, Storage
I J	On site On site On site	Air Cargo & Container Services Ltd The Charter Company Ambrion Aviation Menzies	Airport, Luton, Bedfordshire, LU2 9PA Bedfordshire, LU2 Unit H, President Way, Luton, Bedfordshire, LU2 9NL Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Provost Way, London Luton Airport, Luton,	Airports and Landing Strips Distribution and Haulage Aircraft Charters Airlines and Airline Services	Services Air Transport, Storage and Delivery Contract Services Transport, Storage and Delivery
I J K	On site On site On site On site	Air Cargo & Container Services Ltd The Charter Company Ambrion Aviation Menzies Aviation Electricity	Airport, Luton, Bedfordshire, LU2 9PA Bedfordshire, LU2 Unit H, President Way, Luton, Bedfordshire, LU2 9NL Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Provost Way, London Luton Airport, Luton, Bedfordshire, LU2 9PB	Airports and Landing Strips Distribution and Haulage Aircraft Charters Airlines and Airline Services Aeroplanes	Air Transport, Storage and Delivery Contract Services Transport, Storage and Delivery Industrial Products
I J K L	On site On site On site On site On site	Air Cargo & Container Services Ltd The Charter Company Ambrion Aviation Menzies Aviation Electricity Sub Station	Airport, Luton, Bedfordshire, LU2 9PA Bedfordshire, LU2 Unit H, President Way, Luton, Bedfordshire, LU2 9NL Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Essex House, Proctor Way, Luton, Bedfordshire, LU2 9PE Provost Way, London Luton Airport, Luton, Bedfordshire, LU2 9PB Bedfordshire, LU2 Provost Way, London Luton Airport, Luton,	Airports and Landing Strips Distribution and Haulage Aircraft Charters Airlines and Airline Services Aeroplanes Electrical Features	Air Transport, Storage and Delivery Contract Services Transport, Storage and Delivery Industrial Products Infrastructure and Facilities



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ID	Location	Company	Address	Activity	Category
M	On site	Ssangyong UK Motor Ltd	Unit D-E Airport Executive Park, President Way, Luton, Bedfordshire, LU2 9NY	New Vehicles	Motoring
13	10m NE	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
14	10m SW	Mast (Telecommu nication)	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
0	11m S	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
K	13m NW	Chimney	Bedfordshire, LU2	Chimneys	Industrial Features
Ν	15m E	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
l	16m NW	Moog Fernau Ltd	Unit C Airport Executive Park, President Way, Luton, Bedfordshire, LU2 9NY	Aviation Engineers	Engineering Services
Р	16m NW	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
Р	16m NW	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
0	21m SE	Harrods Aviation	Hangar 129, President Way, Luton, Bedfordshire, LU2 9NW	Aeroplanes	Industrial Products
I	21m NW	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
0	22m SE	Pendley Aviation	Hangar 129, President Way, Luton, Bedfordshire, LU2 9NW	Aircraft Charters	Contract Services
Q	23m NW	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
Q	24m NW	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
Ν	27m E	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
16	30m S	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
R	32m NE	Sky Airport Transfer	Prudence Place, Luton, Bedfordshire, LU2 9PE	Airlines and Airline Services	Transport, Storage and Delivery
Ν	35m E	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
R	35m NE	Sixt	Prudence Place, Proctor Way, Luton, Bedfordshire, LU2 9PE	Vehicle Hire and Rental	Hire Services
Р	35m NW	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features





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ID	Location	Company	Address	Activity	Category
U	39m NW	Land Rover Service Centres	Eaton Green Road, Luton, Bedfordshire, LU2 9LD	Vehicle Repair, Testing and Servicing	Repair and Servicing
U	39m NW	Ford Approved Service Centres	Eaton Green Road, Luton, Bedfordshire, LU2 9LD	Vehicle Repair, Testing and Servicing	Repair and Servicing
U	39m NW	Cougar Accident Repair Centre	Eaton Green Road, Luton, Bedfordshire, LU2 9LD	Vehicle Repair, Testing and Servicing	Repair and Servicing
V	40m W	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
Ν	41m E	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
S	44m NW	Asda Petrol	Wigmore Hall Shopping Centre, Wigmore Lane, Luton, Bedfordshire, LU2 9TA	Petrol and Fuel Stations	Road and Rail
R	46m NE	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
Т	46m E	Radar Tower	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
17	48m SW	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features
18	49m NE	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
W	50m SW	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
19	52m W	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features
Р	53m NW	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
20	56m W	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features
21	57m SE	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
V	61m W	Bell Packaging	Unit 8 Barratt Industrial Park, Airport Way, Luton, Bedfordshire, LU2 9NH	Packaging	Industrial Products
23	62m W	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features



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ID	Location	Company	Address	Activity	Category
Χ	63m SE	Landmark Aviation	Britannia House 135, Frank Lester Way, London Luton Airport, Luton, Bedfordshire, LU2 9NQ	Aircraft Charters	Contract Services
Χ	63m SE	Signature Flight Support	Britannia House 135, Frank Lester Way, London Luton Airport, Luton, Bedfordshire, LU2 9NQ	Aeroplanes	Industrial Products
W	65m SE	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
V	70m W	Gledhill Building Products	Unit 7 Barratt Industrial Park, Airport Way, Luton, Bedfordshire, LU2 9NH	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
Т	74m E	Pylon	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
24	78m NW	A P F Ltd	33, Barnston Close, Luton, Bedfordshire, LU2 9RZ	Distribution and Haulage	Transport, Storage and Delivery
25	85m NW	Just Click 4 Chauffeurs	The Coach Yard, Eaton Green Road, Luton, Bedfordshire, LU2 9HD	Vehicle Hire and Rental	Hire Services
N	87m E	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
Р	94m NE	Depot	Bedfordshire, LU2	Container and Storage	Transport, Storage and Delivery
27	96m SW	Travelling Crane	Bedfordshire, LU2	Travelling Cranes and Gantries	Industrial Features
V	99m W	Europcar	Barratt Industrial Park, Airport Way, Luton, Bedfordshire, LU2 9NH	Vehicle Hire and Rental	Hire Services
Υ	101m N	Shell Car Wash	Petrol Filling Station 91, Eaton Green Road, Luton, Bedfordshire, LU2 9HD	Vehicle Cleaning Services	Personal, Consumer and Other Services
Υ	101m N	Shell Service Station	Petrol Filling Station 91, Eaton Green Road, Luton, Bedfordshire, LU2 9HD	Petrol and Fuel Stations	Road and Rail
Υ	103m N	Shell Luton Airport	Eaton Green Road, Luton, Bedfordshire, LU2 9HD	Petrol and Fuel Stations	Road and Rail
Υ	103m N	Shell Luton Airport	Eaton Green Road, Luton, Bedfordshire, LU2 9HD	Vehicle Cleaning Services	Personal, Consumer and Other Services
28	105m NW	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
V	105m W	Barratt Industrial Park	Bedfordshire, LU2	Business Parks and Industrial Estates	Industrial Features



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ID	Location	Company	Address	Activity	Category
29	106m NW	Mast (Telecommu nication)	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
Z	106m NW	Speedbird Air Ltd	Signature Flight Support Terminal 1, Percival Way, London Luton Airport, Luton, Bedfordshire, LU2 9PA	Aircraft Charters	Contract Services
Z	106m NW	Signature Flight Support	Signature Flight Support Terminal 1, Percival Way, London Luton Airport, Luton, Bedfordshire, LU2 9PA	Airlines and Airline Services	Transport, Storage and Delivery
Р	109m NE	World Fuel Services	Percival Way, London Luton Airport, Luton, Bedfordshire, LU2 9PA	Aeroplanes	Industrial Products
N	112m E	Pylon	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
V	115m W	Agility Logistics	Unit 3 Barratt Industrial Park, Airport Way, Luton, Bedfordshire, LU2 9NH	Distribution and Haulage	Transport, Storage and Delivery
V	115m W	I C W Powermode	Unit 2 Barratt Industrial Park, Airport Way, Luton, Bedfordshire, LU2 9NH	Electrical Production and Manipulation Equipment	Industrial Products
N	129m E	Mast (Telecommu nication)	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
30	135m NW	Mast (Telecommu nication)	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
V	145m W	I C W Powermode	Unit 2 Barratt Industrial Park, Airport Way, Luton, Bedfordshire, LU2 9NH	Electrical Production and Manipulation Equipment	Industrial Products
AA	155m N	Pylon	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
AA	158m S	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
AB	158m SE	Masts	Bedfordshire, LU2	Telecommunications Features	Infrastructure and Facilities
AB	167m SE	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
AD	183m NE	Luton Airport Taxis Ltd	Navigation House, Airport Way, London Luton Airport, Luton, Bedfordshire, LU2 9LY	Airlines and Airline Services	Transport, Storage and Delivery
33	187m E	Luton Airport Fire Station	Luton Airport, Airport Way, Luton, Bedfordshire, LU2	Fire Brigade Stations	Central and Local Government



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ID	Location	Company	Address	Activity	Category
34	187m W	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features
AE	192m W	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
35	202m NW	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
AE	203m W	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
AE	205m W	Tank	Bedfordshire, LU2	Tanks (Generic)	Industrial Features
36	206m NW	Works	Bedfordshire, LU2	Unspecified Works Or Factories	Industrial Features
AF	222m SE	Avis Rent A Car	Presidents Way, London Luton Airport, Luton, Bedfordshire, LU2 9LY	Vehicle Hire and Rental	Hire Services
37	227m W	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
39	231m N	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
40	237m NW	Gas Governor Station	Bedfordshire, LU2	Gas Features	Infrastructure and Facilities
41	244m NE	Electricity Sub Station	Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
AF	247m SE	Left Luggage - Baggage Storage (Lockers)	London Luton Airport Pre Security, Airport Way, Luton Airport, Luton, Bedfordshire, LU2 9LY	Container and Storage	Transport, Storage and Delivery
AF	247m SE	London Luton Airport	Navigation House, Airport Way, London Luton Airport, Luton, Bedfordshire, LU2 9LY	Airports and Landing Strips	Air

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m 3

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on page 48





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ID	Location	Company	Address	LPG	Status
15	17m SE	OBSOLETE	Airport Approach Road, Luton, Luton, LU2 9PF	Not Applicable	Obsolete
S	36m NW	ASDA	Wigmore Lane, Wigmore, Luton, Luton, LU2 9TA	No	Open
Υ	113m N	SHELL	Eaton Green Road, Luton, Luton, LU2 9HD	Yes	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m 0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m 0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m 0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m 1

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.

Features are displayed on the Current industrial land use map on page 48





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ID	Location	Company	Address	Operational status	Tier
N	On site	Shell UK Oil Products Limited	Shell UK Oil Products Limited, Luton Airport, Terminal Building, Percival Way, Luton, Bedfordshire, LU2 9LU	Current COMAH Site	COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

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.

Features are displayed on the Current industrial land use map on page 48

ID	Location	Company	Operational Address
F	On site	Gkn Aerospace Transparency Systems (Kings Norton)	Percival Way, London Luton Airport, Luton, LU2 9PQ

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m 3

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

Features are displayed on the Current industrial land use map on page 48

ID	Location	Details	
N	34m E	Application reference number: 05/01110/HAZ Application status: Approved Application date: 12/07/2005 Address: Shell UK Oil Products Ltd, Airport Fuel Storage Depot, Percival Way, Luton, Beds, England, LU2 9LU	Details: Storage of Jet A-1 fuel within 4 storage tanks. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
26	85m NW	Application reference number: No Details Application status: Historical Consent Application date: No Details Address: GKN Aerospace Transparency SystemsS(LUTON) LTD, Percival Way, Luton Airport, Luton, Bedfordshire, England	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details





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ID	Location	Details	
38	228m SW	Application reference number: No Details Application status: Historical Consent Application date: No Details Address: IBC Vehicles Ltd, PO Box 163, Kimpton Road, Luton, Bedfordshire, LU2 OTY	Details: No details. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m 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 1

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

Features are displayed on the Current industrial land use map on page 48

ID	Location	Details	
AD	181m NE	Operator: LONDON LUTON AIRPORT OPERATIONS LIMITED Installation Name: LONDON LUTON AIRPORT Process: NEW MEDIUM COMBUSTION PLANT Permit Number: BP3603PE Original Permit Number: BP3603PE	EPR Reference: - Issue Date: 18/12/2019 Effective Date: 18/12/2019 Last date noted as effective: 26/10/2020 Status: EFFECTIVE

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

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

Records within 500m 10

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 48





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10	Looptica	Address	Detaile	
ID	Location	Address	Details	
12	On site	T & D Automotive, Airport Way	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
F	On site	GKN Aerospace, Percival Way, LU2 9LU	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
К	On site	Airline Services, Building 160, Provost Way, Luton, LU2 9PB	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
S	45m NW	Asda, Wigmore Lane, Stopsley, Luton, LU2 9TA	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
22	58m S	Aerospace Composites, Luton Airport, LU2 9PQ	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
Υ	101m N	Airport Service Station, 3 Eaton Green Road, LU2 9HD	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
Υ	106m N	Shell Luton Airport, Eaton Green Road, LU2 9HD	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
32	172m NW	Kez's Dry Cleaners, 13 Eaton Green Road, LU2 9HE	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
42	331m W	Ibc Vehicles, Kimpton Rd, Luton, Bedfordshire, LU2 OTY	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices
43	347m SW	IBC Vehicles, Kimpton Rd, Luton, Bedfordshire, LU2 0TY	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notices Date of enforcement: No Enforcement Notices Comment: No Enforcement Notices

This data is sourced from Local Authority records.





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4.12 Radioactive Substance Authorisations

Records within 500m 0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m 12

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 48

Location	Address	Details	
On site	LUTON AIRPORT NORTHERN SOAKAWAY, PRESIDENT WAY, LONDON LUTON AIRPORT, LUTON, BEDFORDSHIRE, LU2 9PD	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: EPRRP3221GC Permit Version: 1 Receiving Water: TO GROUND	Status: NEW ISSUED UNDER EPR 2010 Issue date: 11/04/2012 Effective Date: 11/04/2012 Revocation Date: -
On site	Wigmore Bottom, Luton, Wigmore Bottom, Luton	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.2256 Permit Version: 1 Receiving Water: LEE	Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02/11/1989 Revocation Date: 02/09/2010
On site	Wigmore Bottom, Luton, Wigmore Bottom, Luton	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.2256 Permit Version: 2 Receiving Water: Lee	Status: SURRENDERED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 19/08/2014
400m SE	THE PAY STATION AT CAR PARK A, LOND, THE PAY STATION AT CAR PARK A L, ONDON LUTON AIRPORT LUTON BEDF, ORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.1315 Permit Version: 1 Receiving Water: GRAVEL	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 04/03/1994 Effective Date: 04/03/1994 Revocation Date: 18/01/2006
400m SE	THE PAY STATION AT CAR PARK A, LOND, THE PAY STATION AT CAR PARK A L, ONDON LUTON AIRPORT LUTON BEDF, ORDSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.1315 Permit Version: 2 Receiving Water: GRAVEL	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 19/01/2006 Effective Date: 19/01/2006 Revocation Date: 19/01/2018
	On site On site 400m SE	On site LUTON AIRPORT NORTHERN SOAKAWAY, PRESIDENT WAY, LONDON LUTON AIRPORT, LUTON, BEDFORDSHIRE, LU2 9PD On site Wigmore Bottom, Luton, Wigmore Bottom, Luton Under Bottom, Luton, Wigmore Bottom, Luton The Pay Station at Car Park A, LOND, THE PAY STATION AT CAR PARK A L, ONDON LUTON AIRPORT LUTON BEDF, ORDSHIRE The Pay Station at Car Park A, LOND, THE PAY STATION AT CAR PARK A, LOND, THE PAY STATION AT CAR PARK A, LOND, THE PAY STATION AT CAR PARK A L, ONDON LUTON AIRPORT	On site LUTON AIRPORT NORTHERN SOAKAWAY, PRESIDENT WAY, LONDON LUTON AIRPORT, LUTON, BEDFORDSHIRE, LU2 9PD On site Wigmore Bottom, Luton, Wigmore Bottom, Luton Water COMPANY Permit Number: TEMP.2256 Permit Version: 2 Receiving Water: Lee 400m SE THE PAY STATION AT CAR PARK A, LOND, THE PAY STATION AT CAR PARK A L, ONDON LUTON AIRPORT LUTON BEDF, ORDSHIRE THE PAY STATION AT CAR PARK A, LOND, THE PAY STATION AT CAR PARK A L, ONDON LUTON AIRPORT LUTON BEDF, ORDSHIRE Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: TEMP.2256 Permit Version: 2 Receiving Water: LEE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.1315 Permit Version: 2 Effluent Type: TRADE DISCHARGES - SITE DRAINAGE - SITE DRAINAGE Permit Number: TEMP.2256 Permit Version: 1 Receiving Water: TO GROUND - WATER COMPANY Permit Number: TEMP.2256 Permit Number: CNTM.1315 Permit Version: 2 Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.1315 Permit Version: 2 - STEMAGE - SITE DRAINAGE - SITE DRAIN





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ID	Location	Address	Details	
Al	427m SW	VFK SITE OFFICES, SITE 1, KIMPTON ROAD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRMB3497AD Permit Version: 1 Receiving Water: GROUNDWATER	Status: NEW ISSUED UNDER EPR 2010 Issue date: 27/06/2019 Effective Date: 27/06/2019 Revocation Date: -
Al	427m SW	VFK SITE OFFICES, SITE 1, KIMPTON ROAD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRMB3497AD Permit Version: 1 Receiving Water: GROUNDWATER	Status: NEW ISSUED UNDER EPR 2010 Issue date: 27/06/2019 Effective Date: 27/06/2019 Revocation Date: -
Al	427m SW	VFK SITE OFFICES, SITE 1, KIMPTON ROAD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRMB3497AD Permit Version: 1 Receiving Water: GROUNDWATER	Status: NEW ISSUED UNDER EPR 2010 Issue date: 27/06/2019 Effective Date: 27/06/2019 Revocation Date: -
Al	427m SW	VFK SITE OFFICES, SITE 1, KIMPTON ROAD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRMB3497AD Permit Version: 1 Receiving Water: GROUNDWATER	Status: NEW ISSUED UNDER EPR 2010 Issue date: 27/06/2019 Effective Date: 27/06/2019 Revocation Date: -
45	445m SE	LONDON LUTON AIRPORT OPERATIONS LTD, NAVIGATION HOUSE, LONDON LUTON AIRPORT, LUTON, LU2 9LY	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CANM.0448 Permit Version: 1 Receiving Water: LAND VIA SUB- IRRIGATION	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/09/2002 Effective Date: 27/09/2002 Revocation Date: -
AJ	477m E	Wanden End, Luton, Wanden End, Luton, LU2 8SN	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.2175 Permit Version: 1 Receiving Water: LEE	Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02/11/1989 Revocation Date: 02/09/2010
AJ	477m E	Wanden End, Luton, Wanden End, Luton, LU2 8SN	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.2175 Permit Version: 2 Receiving Water: Lee	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: -





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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.

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 3

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.

Features are displayed on the Current industrial land use map on page 48

ID	Location	Name	Status	Receiving Water	Authorised Substances
Q	41m NW	Vauxhall Motors Kimpton Road Luton	Not Active	-	-
Q	41m NW	Vauxhall Motors Kimpton Road Luton	Not Active	-	-
Q	41m NW	Vauxhall Motors Ltd, Kimpton Road, Luton	Not Active	Lee	Mercury (other), Cadmium

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.





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Grid ref: 511757 221628

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 page 48

ID	Location	Details	
Т	37m E	Incident Date: 13/10/2001 Incident Identification: 36419 Pollutant: Organic Chemicals/Products Pollutant Description: Surfactants and Detergents	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
Т	41m E	Incident Date: 16/01/2002 Incident Identification: 52824 Pollutant: Organic Chemicals/Products Pollutant Description: Surfactants and Detergents	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
AC	159m NW	Incident Date: 22/08/2002 Incident Identification: 102538 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
AC	159m NW	Incident Date: 22/08/2002 Incident Identification: 102538 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
31	168m NW	Incident Date: 07/07/2001 Incident Identification: 14602 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
AE	227m W	Incident Date: 20/01/2006 Incident Identification: 373127 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
AG	251m W	Incident Date: 13/08/2012 Incident Identification: 1025254 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Chemical Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
AG	254m SW	Incident Date: 22/07/2013 Incident Identification: 1137214 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Chemical Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)





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ID	Location	Details	
44	373m NW	Incident Date: 24/02/2014 Incident Identification: 1211679 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)

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

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 0

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

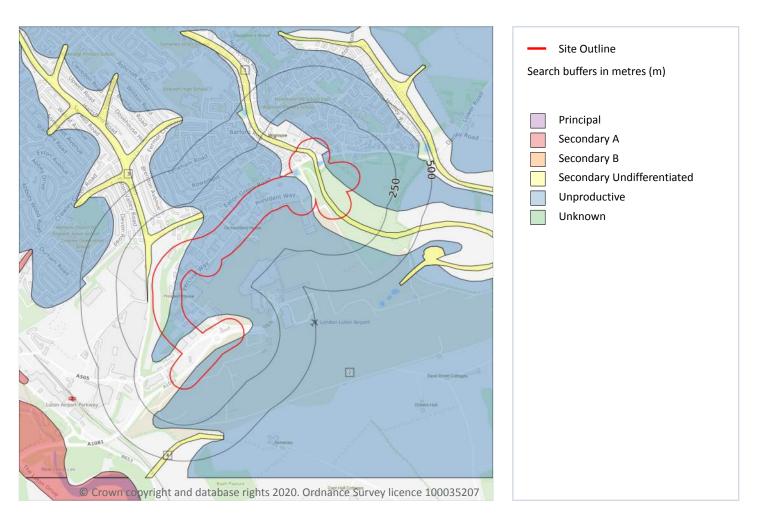
This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.





Grid ref: 511757 221628

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 65

ID	Location	Designation	Description
1	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
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow



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ID	Location	Designation	Description
3	31m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	319m S	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

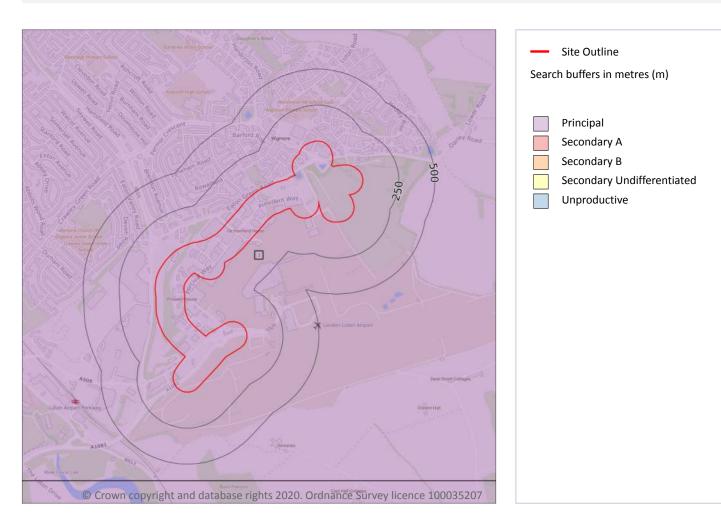
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.





Grid ref: 511757 221628

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m 1

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 67

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

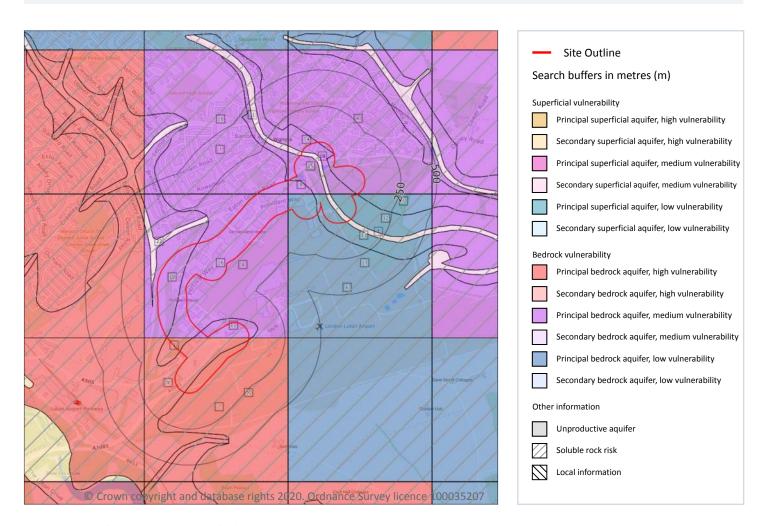
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.





Grid ref: 511757 221628

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m 19

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 68





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ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium 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: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
3	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
4	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures
5	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
6	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
7	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures





Grid ref: 511757 221628

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures
9	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
10	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures
11	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures
12	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
13	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
14	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures





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

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



Date: 23 November 2020



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5.4 Groundwater vulnerability- soluble rock risk

Records on site 5

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

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
2	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	4.0%
16	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	3.0%
17	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	4.0%
18	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	24.0%
A	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	25.0%

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

5.5 Groundwater vulnerability- local information

Records on site 0

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

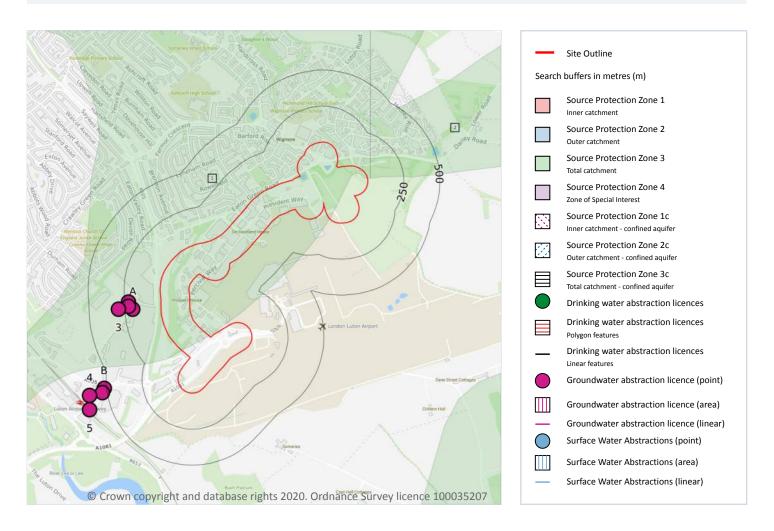
This data is sourced from the British Geological Survey and the Environment Agency.





Grid ref: 511757 221628

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m 15

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





Grid ref: 511757 221628

ID	Location	Details	
A	196m W	Status: Historical Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON, BOREHOLE 'D' Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510900 Northing: 221200	Annual Volume (m³): 2,636,738 Max Daily Volume (m³): 11724.4 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/05/2005 Version End Date: -
A	225m W	Status: Active Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON - BOREHOLE D Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510870 Northing: 221250	Annual Volume (m³): 1,000,000 Max Daily Volume (m³): 11,724 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 01/12/2017 Version End Date: -
A	225m W	Status: Active Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON - BOREHOLE C Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510870 Northing: 221220	Annual Volume (m³): 1,000,000 Max Daily Volume (m³): 11,724 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 01/12/2017 Version End Date: -
3	296m W	Status: Historical Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON, BOREHOLE 'C' Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510800 Northing: 221200	Annual Volume (m³): 2,636,738 Max Daily Volume (m³): 11724.4 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/05/2005 Version End Date: -



08444 159 000



Grid ref: 511757 221628

ID	Location	Details	
В	517m W	Status: Active Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON - BOREHOLE B Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510700 Northing: 220650	Annual Volume (m³): 1,000,000 Max Daily Volume (m³): 11,724 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 01/12/2017 Version End Date: -
В	531m W	Status: Active Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON - BOREHOLE A Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510690 Northing: 220620	Annual Volume (m³): 1,000,000 Max Daily Volume (m³): 11,724 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 01/12/2017 Version End Date: -
4	623m W	Status: Historical Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON, BOREHOLE 'B' Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510600 Northing: 220600	Annual Volume (m³): 2,636,738 Max Daily Volume (m³): 11724.4 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/05/2005 Version End Date: -
5	646m W	Status: Historical Licence No: 29/38/01/0036 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: KIMPTON ROAD, LUTON, BOREHOLE 'A' Data Type: Point Name: IBC VEHICLES LIMITED Easting: 510600 Northing: 220500	Annual Volume (m³): 2,636,738 Max Daily Volume (m³): 11724.4 Original Application No: - Original Start Date: 20/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/05/2005 Version End Date: -





Grid ref: 511757 221628

ID	Location	Details	
ID	Location	Details	
-	1472m W	Status: Historical Licence No: 29/38/01/0106 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: 120 PARK STREET, LUTON, BEDFORDSHIRE - 32 BOREHOLES Data Type: Point Name: URS CORPORATION LIMITED Easting: 509670 Northing: 220800	Annual Volume (m³): 35040 Max Daily Volume (m³): 96 Original Application No: - Original Start Date: 10/10/2007 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/10/2007 Version End Date: -
-	1508m W	Status: Active Licence No: 29/38/01/0008 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: CRESCENT ROAD PUMPING STATION Data Type: Point Name: Affinity Water Limited Easting: 509600 Northing: 221600	Annual Volume (m³): 10,398,011 Max Daily Volume (m³): 29,300 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 14/11/2012 Version End Date: -
-	1574m NW	Status: Historical Licence No: 28/39/01/0106 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: 120 PARK STREET, LUTON Data Type: Point Name: URS CORPORATION LIMITED Easting: 509670 Northing: 222080	Annual Volume (m³): 35040 Max Daily Volume (m³): 96 Original Application No: - Original Start Date: 10/10/2007 Expiry Date: 31/03/2009 Issue No: 1 Version Start Date: 10/10/2007 Version End Date: -
-	1674m W	Status: Historical Licence No: 29/38/01/0098 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: POINT 'A' AT GUILDFORD STREET SERVICE STATION, LUTON. Data Type: Point Name: BP OIL UK LIMITED Easting: 509420 Northing: 221470	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/04/2002 Expiry Date: 30-Apr-05 Issue No: 1 Version Start Date: 09/04/2002 Version End Date: -
-	1674m W	Status: Historical Licence No: 29/38/01/0098 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: GUILDFORD STREET SERVICE STATION, LUTON-POINT A Data Type: Point Name: BP OIL UK LIMITED Easting: 509420 Northing: 221470	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/04/2002 Expiry Date: 30/04/2005 Issue No: 1 Version Start Date: 09/04/2002 Version End Date: -



08444 159 000



Grid ref: 511757 221628

ID	Location	Details	
-	1674m W	Status: Historical Licence No: 29/38/01/0100 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: GUILDFORD STREET SERVICE STATION, LUTON-POINT A Data Type: Point Name: BP OIL UK LIMITED Easting: 509420 Northing: 221470	Annual Volume (m³): 366000 Max Daily Volume (m³): 1008 Original Application No: - Original Start Date: 22/10/2003 Expiry Date: 31/12/2013 Issue No: 1 Version Start Date: 22/10/2003 Version End Date: -
	1675m W	Status: Active Licence No: 29/38/01/0067 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: ALBERT ROAD Data Type: Point Name: Affinity Water Limited Easting: 509450 Northing: 220860	Annual Volume (m³): 1,663,870 Max Daily Volume (m³): 5,228 Original Application No: - Original Start Date: 20/10/1969 Expiry Date: - Issue No: 102 Version Start Date: 14/11/2012 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m 0

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.

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

5.8 Potable abstractions

Records within 2000m 2

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

Features are displayed on the Abstractions and Source Protection Zones map on page 73





Grid ref: 511757 221628

ID	Location	Details	
-	1508m W	Status: Active Licence No: 29/38/01/0008 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: CRESCENT ROAD PUMPING STATION Data Type: Point Name: Affinity Water Limited Easting: 509600 Northing: 221600	Annual Volume (m³): 10,398,011 Max Daily Volume (m³): 29,300 Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 14/11/2012 Version End Date: -
-	1675m W	Status: Active Licence No: 29/38/01/0067 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: ALBERT ROAD Data Type: Point Name: Affinity Water Limited Easting: 509450 Northing: 220860	Annual Volume (m³): 1,663,870 Max Daily Volume (m³): 5,228 Original Application No: - Original Start Date: 20/10/1969 Expiry Date: - Issue No: 102 Version Start Date: 14/11/2012 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m 2

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on page 73

ID	Location	Туре	Description
1	On site	3	Total catchment
2	20m E	3	Total catchment

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.



Date: 23 November 2020



Grid ref: 511757 221628

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m 6

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 79

ID	Location	Type of water feature	Ground level	Permanence	Name
А	228m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





Grid ref: 511757 221628

ID	Location	Type of water feature	Ground level	Permanence	Name
В	240m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
В	248m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	248m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	248m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	248m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m 4

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 79

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site 2

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

Features are displayed on the Hydrology map on page 79





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ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Lee (from Luton to Luton Hoo Lakes)	GB106038033391	Upper Lee	Upper Lee
3	On site	River WB catchment	Mimram (Codicote Bottom to Lee)	GB106038033270	Upper Lee	Upper Lee

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

6.4 WFD Surface water bodies

Records identified

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 79

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	757m SW	River	Lee (from Luton to Luton Hoo Lakes)	GB106038033391	Bad	Good	Bad	2016
-	8057m SE	River	Mimram (Codicote Bottom to Lee)	GB106038033270	Moderate	Good	Moderate	2016

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 79

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Upper Lee Chalk	GB40601G602900	Poor	Poor	Poor	2015





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7 River and coastal flooding

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m 0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

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

7.2 Historical Flood Events

Records within 250m 0

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

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

7.3 Flood Defences

Records within 250m 0

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m 0

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





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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.





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River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m 0

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.

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

7.7 Flood Zone 3

Records within 50m

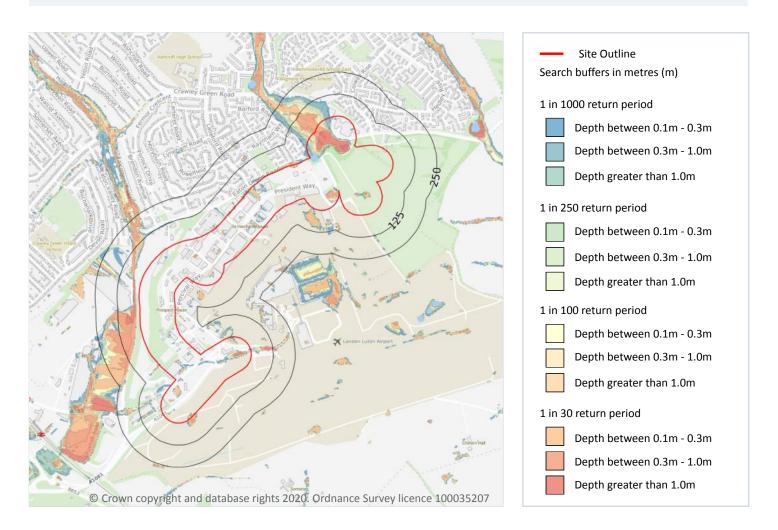
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.





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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 85

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.





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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

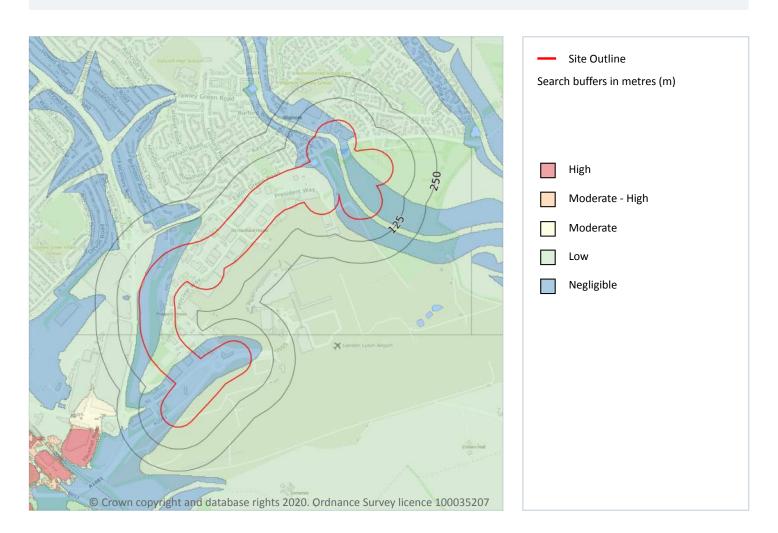
This data is sourced from Ambiental Risk Analytics.





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9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

Low

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

Features are displayed on the Groundwater flooding map on page 87

This data is sourced from Ambiental Risk Analytics.





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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.





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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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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 12

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 88

ID	Location	Name	Woodland Type
3	552m NW	Slaughters Wood	Ancient & Semi-Natural Woodland
6	1128m SE	George Wood	Ancient Replanted Woodland
7	1139m SE	George Wood	Ancient & Semi-Natural Woodland
8	1139m SE	Winchill Wood	Ancient & Semi-Natural Woodland
9	1477m SW	Kidney/bulls Woods	Ancient & Semi-Natural Woodland
11	1654m SE	Hardingdell Woods	Ancient Replanted Woodland
12	1700m NE	Stubbocks Wood	Ancient Replanted Woodland
13	1860m SW	Kidney/bulls Woods	Ancient Replanted Woodland
14	1893m SE	Withstocks Wood	Ancient Replanted Woodland
15	1893m SE	Withstocks Wood	Ancient & Semi-Natural Woodland
16	1938m SE	Withstocks Wood	Ancient & Semi-Natural Woodland
17	1994m NE	Stubbocks Wood	Ancient Replanted Woodland

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





0

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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.

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 5

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

Features are displayed on the Environmental designations map on page 88

ID	Location	Name	Local Authority name
1	231m S	London area	Central Bedfordshire
2	388m SE	London area	Luton
4	568m E	London area	North Hertfordshire
5	1096m E	London area	Luton
_	1543m N	London area	Luton

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



Contact us with any questions at: Date: 23 November 2020



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10.12 Proposed Ramsar sites

Records within 2000m 0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m 0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m 0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m 0

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

This data is sourced from Natural England.



Contact us with any questions at: Date: 23 November 2020



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10.16 Nitrate Vulnerable Zones

Records within 2000m 4

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	LEE NVZ	Surface Water	S443	Existing
350m N	Luton Chalk	Groundwater	G146	Existing
1559m E	Luton Chalk	Groundwater	G146	Existing
1559m E	LEE NVZ	Surface Water	S443	Existing

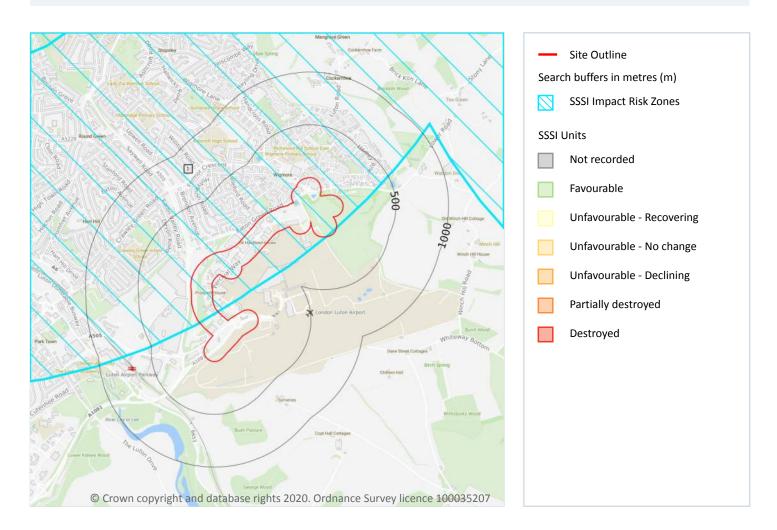
This data is sourced from Natural England and Natural Resources Wales.





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SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site 1

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

Features are displayed on the SSSI Impact Zones and Units map on page 94

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 > 750m² & manure stores > 3500t.

This data is sourced from Natural England.





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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.

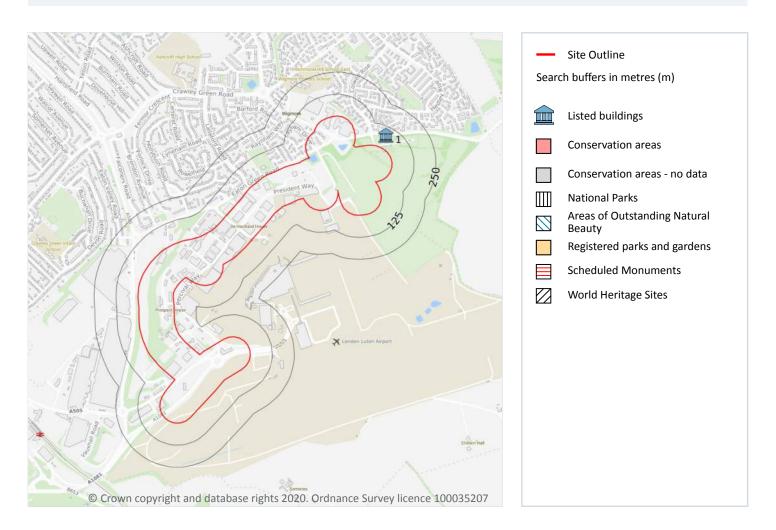
This data is sourced from Natural England and Natural Resources Wales.





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11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m 0

> info@groundsure.com 08444 159 000

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.





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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 1

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 96

ID	Location	Name	Grade	Reference Number	Listed date
1	74m NE	Wigmore Hall Farmhouse, Luton, LU2	П	1321368	20/02/1981

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





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11.5 Conservation Areas

Records within 250m 0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m 0

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

This data is sourced from English Heritage, 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.

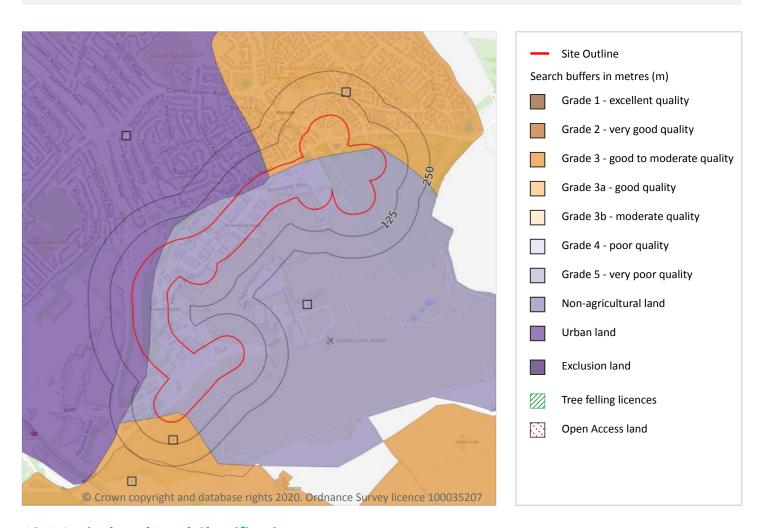
This data is sourced from English Heritage, Cadw and Historic Environment Scotland.





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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 99

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





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ID	Location	Classification	Description
2	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
3	On site	Non Agricultural	-
4	On site	Urban	-
5	231m S	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

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

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

12.3 Tree Felling Licences

Records within 250m 0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

This data is sourced from Natural England.







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12.5 Countryside Stewardship Schemes

Records within 250m 0

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.

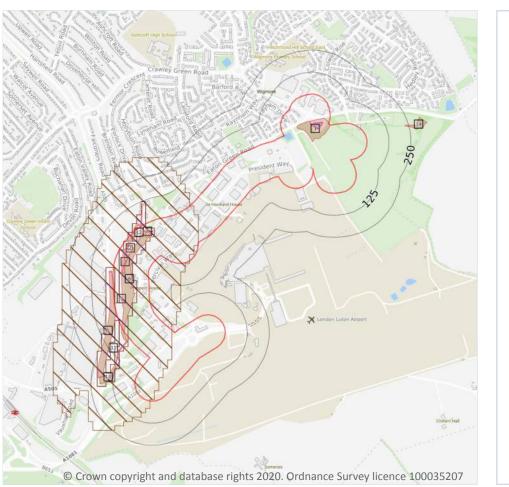
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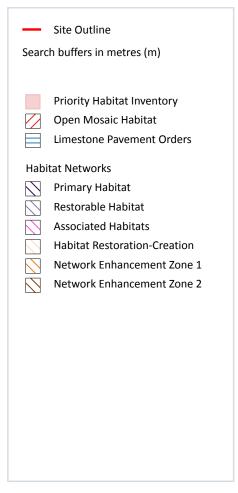




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13 Habitat designations





13.1 Priority Habitat Inventory

Records within 250m 8

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

Features are displayed on the Habitat designations map on page 102

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Lowland calcareous grassland	Main habitat: LCGRA (INV > 50%)
4	On site	Lowland calcareous grassland	Main habitat: LCGRA (INV > 50%)
5	On site	Lowland calcareous grassland	Main habitat: LCGRA (INV > 50%)





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ID	Location	Main Habitat	Other habitats
6	On site	Lowland calcareous grassland	Main habitat: LCGRA (INV > 50%)
8	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	118m SW	Lowland calcareous grassland	Main habitat: LCGRA (INV > 50%)
14	230m F	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m 6

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.

Features are displayed on the Habitat designations map on page 102

ID	Location	Туре	Habitat
2	On site	Network Enhancement Zone 2	Not specified
7	On site	Network Enhancement Zone 2	Not specified
9	On site	Primary Habitat	Lowland calcareous grassland
10	On site	Network Enhancement Zone 2	Not specified
11	On site	Network Enhancement Zone 2	Not specified
12	On site	Network Enhancement Zone 2	Not specified

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.





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13.4 Limestone Pavement Orders

Records within 250m 0

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

This data is sourced from Natural England.

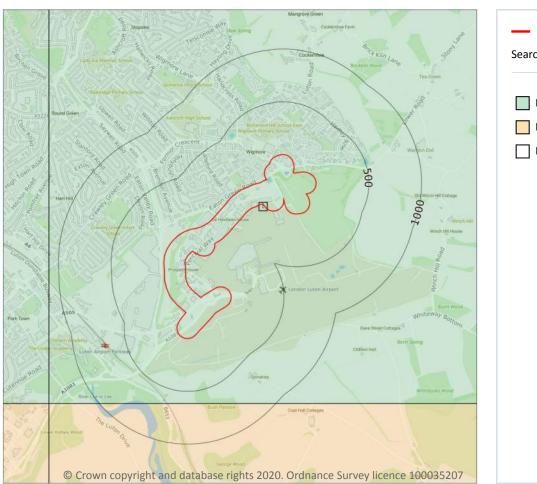


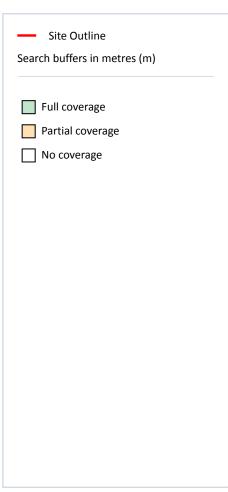




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14 Geology 1:10,000 scale - Availability





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 105

ı	1	On site	Full	Full	Full	No coverage	TL12SW
	ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.

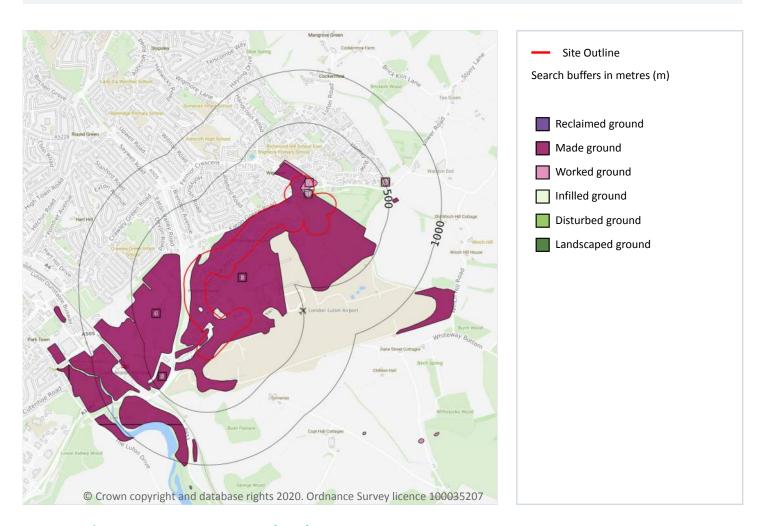
This data is sourced from the British Geological Survey.





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



14.2 Artificial and made ground (10k)

Records within 500m 6

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on page 106

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	Worked Ground (Undivided)	Void
2	On site	WGR-VOID	Worked Ground (Undivided)	Void
3	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	31m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit







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ID	Location	LEX Code	Description	Rock description
5	291m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	472m E	WGR-VOID	Worked Ground (Undivided)	Void

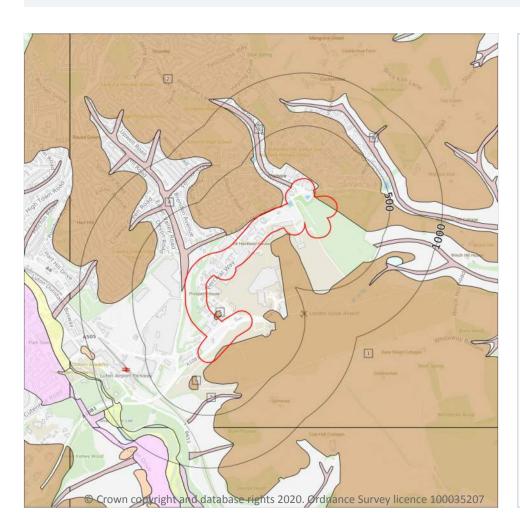
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

Geology 1:10,000 scale - Superficial



Site Outline
Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m 8

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on page 108

ID	Location	LEX Code	Description	Rock description
1	On site	CWF-DMTN	Clay-with-flints Formation - Diamicton	Diamicton
2	On site	CWF-DMTN	Clay-with-flints Formation - Diamicton	Diamicton
3	On site	HEAD- DMTN	Head - Diamicton	Diamicton





Grid ref: 511757 221628

ID	Location	LEX Code	Description	Rock description
4	On site	HEAD- DMTN	Head - Diamicton	Diamicton
5	On site	CWF-DMTN	Clay-with-flints Formation - Diamicton	Diamicton
6	155m SW	CWF-DMTN	Clay-with-flints Formation - Diamicton	Diamicton
7	318m S	HEAD- DMTN	Head - Diamicton	Diamicton
8	431m E	HEAD- DMTN	Head - Diamicton	Diamicton

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m 0

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

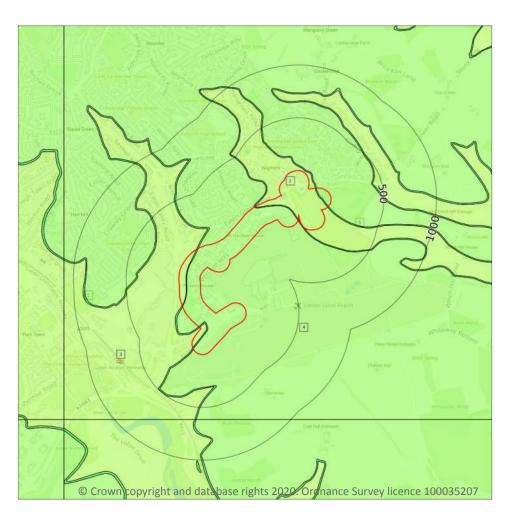
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

Geology 1:10,000 scale - Bedrock



Search buffers in metres (m)

Site Outline

Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m 5

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on page 110

ID	Location	LEX Code	Description	Rock age
1	On site	CKR-CHLK	Chalk Rock Member - Chalk	Turonian Age
2	On site	HNCK-CHLK	Holywell Nodular Chalk Formation And New Pit Chalk Formation (undifferentiated) - Chalk	Turonian Age - Cenomanian Age
3	On site	HNCK-CHLK	Holywell Nodular Chalk Formation And New Pit Chalk Formation (undifferentiated) - Chalk	Turonian Age - Cenomanian Age





Grid ref: 511757 221628

ID	Location	LEX Code	Description	Rock age
4	On site	LECH-CHLK	Lewes Nodular Chalk Formation - Chalk	Coniacian Age - Turonian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m 0

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

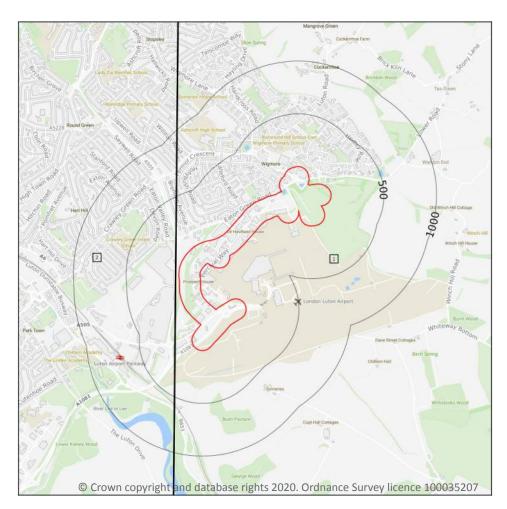
This data is sourced from the British Geological Survey.

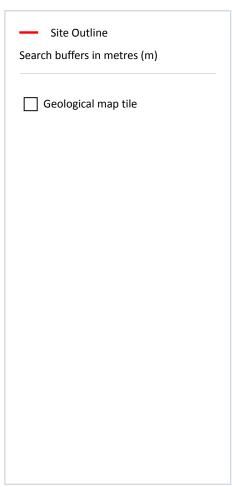




Grid ref: 511757 221628

15 Geology 1:50,000 scale - Availability





15.1 50k Availability

Records within 500m 2

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

Features are displayed on the Geology 1:50,000 scale - Availability map on page 112

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW221_hitchin_v4
2	31m W	Full	Full	Full	Full	EW220_leighton_buzzard_v4

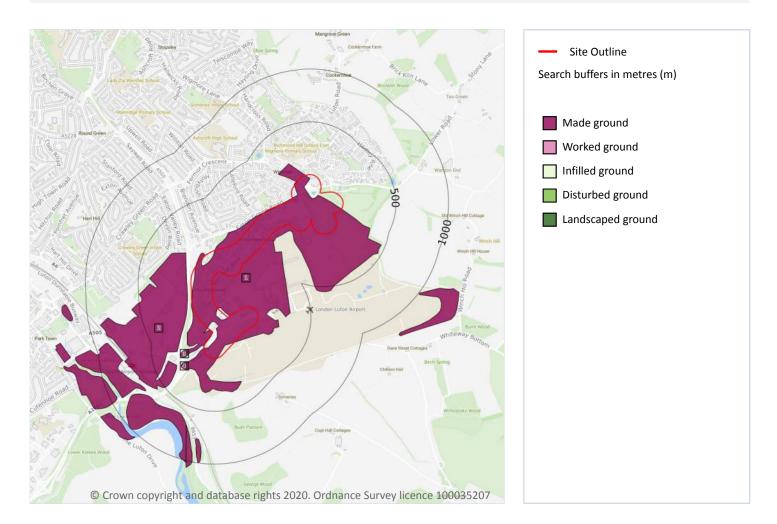
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

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



15.2 Artificial and made ground (50k)

Records within 500m 4

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on page 113

ı	ID	Location	LEX Code	Description	Rock description
	1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	2	38m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	3	161m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	4	193m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT





Grid ref: 511757 221628

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m 2

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low
37m SW	Mixed	Very High	Low

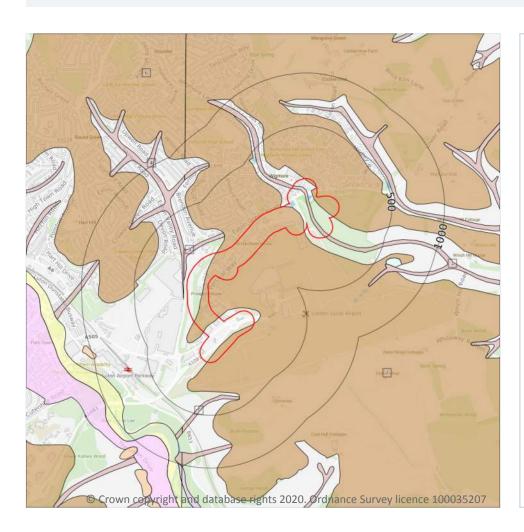
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

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 6

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 115

ID	Location	LEX Code	Description	Rock description
1	On site	HEAD- XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
2	On site	CWF-XCZSV	CLAY-WITH-FLINTS FORMATION	CLAY, SILT, SAND AND GRAVEL





Grid ref: 511757 221628

ID	Location	LEX Code	Description	Rock description
4	31m W	HEAD- XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
5	319m S	HEAD- XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
6	366m NW	CWF-XCZSV	CLAY-WITH-FLINTS FORMATION	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m 3

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Very Low
On site	Mixed	High	Very Low
31m NW	Mixed	High	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m 0

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

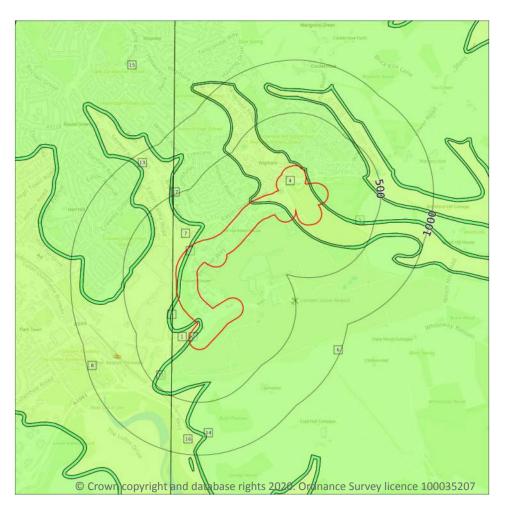
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

Geology 1:50,000 scale - Bedrock



Site OutlineSearch 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

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 117

ID	Location	LEX Code	Description	Rock age
1	On site	HNCK-CHLK	HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - CHALK	CENOMANIAN
2	On site	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
3	On site	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN





Grid ref: 511757 221628

ID	Location	LEX Code	Description	Rock age
4	On site	HNCK-CHLK	HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - CHALK	CENOMANIAN
5	On site	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
6	On site	LESE-CHLK	LEWES NODULAR CHALK FORMATION AND SEAFORD CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN
7	On site	HNCK-CHLK	HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - CHALK	CENOMANIAN
8	31m W	HNCK-CHLK	HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - CHALK	CENOMANIAN
9	69m SW	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
10	96m SW	LESE-CHLK	LEWES NODULAR CHALK FORMATION AND SEAFORD CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN
11	215m SW	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
12	238m SW	LESE-CHLK	LEWES NODULAR CHALK FORMATION AND SEAFORD CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN
13	296m NW	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
14	312m S	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
15	326m NW	LESE-CHLK	LEWES NODULAR CHALK FORMATION AND SEAFORD CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN
16	333m S	HNCK-CHLK	HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - CHALK	CENOMANIAN
17	356m NW	CKR-CHLK	CHALK ROCK MEMBER - CHALK	TURONIAN
18	407m NW	LESE-CHLK	LEWES NODULAR CHALK FORMATION AND SEAFORD CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

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

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





Grid ref: 511757 221628

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m 0

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

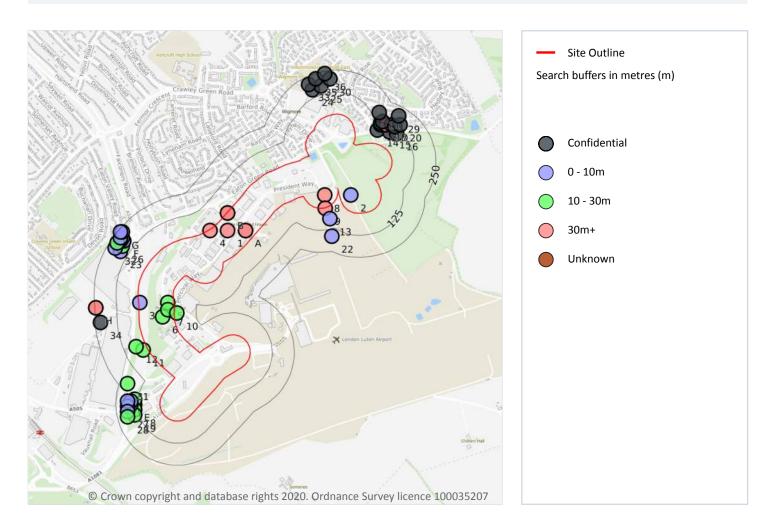
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

16 Boreholes



16.1 BGS Boreholes

Records within 250m 60

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 120

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	511600 221700	LUTON AIRPORT	50.9	N	<u>528528</u>
2	On site	512300 221900	WANDON END	-2.0	N	<u>528669</u>
3	On site	511100 221290	LUTON EASTERN BY-PASS 61	10.0	N	<u>528483</u>





Grid ref: 511757 221628

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	511500 221700	LUTON AIRPORT	35.97	N	<u>528664</u>
5	On site	511260 221290	LUTON AIRPORT 4	14.0	N	<u>18463005</u>
6	On site	511230 221210	LUTON AIRPORT 1	25.0	N	<u>18463001</u>
7	On site	511260 221250	LUTON AIRPORT 2	15.05	N	<u>18463003</u>
8	On site	512150 221900	LUTON AIRPORT BEDFORDSHIRE	67.0	N	<u>528653</u>
Α	On site	511700 221700	LUTON AIRPORT	42.67	N	<u>528665</u>
Α	On site	511700 221700	LUTON AIRPORT	51.82	N	<u>528663</u>
В	On site	511600 221800	LUTON AIRPORT	54.86	N	<u>528543</u>
В	On site	511600 221800	LUTON AIRPORT	51.82	N	<u>528660</u>
9	2m S	512154 221827	LUTON INTERNATIONAL AIR. BH17	87.95	N	<u>528620</u>
10	15m E	511310 221230	LUTON AIRPORT 3	14.0	N	<u>18463004</u>
11	24m SW	511120 221020	LUTON EASTERN BY-PASS 60	26.5	N	<u>528482</u>
12	53m SW	511080 221040	LUTON EASTERN BY-PASS 59	20.0	N	<u>528481</u>
13	68m S	512181 221766	LUTON INTERNATIONAL AIR. BH16	6.85	N	<u>528619</u>
14	77m N	512450 222270	WIGMORE HALL FARM LUTON TH 6	-	Υ	N/A
15	93m NE	512520 222260	WIGMORE HALL FARM LUTON TH 5	-	Υ	N/A
16	107m NE	512560 222250	WIGMORE HALL FARM LUTON TH 1	-	Υ	N/A
С	111m N	512470 222300	WIGMORE HALL FARM LUTON TH 10	-	Υ	N/A
С	120m N	512470 222310	WIGMORE HALL FARM LUTON TH 9	-	Υ	N/A
17	121m N	512500 222300	WIGMORE HALL NO.1	80.0	N	528662
D	133m NE	512530 222300	WIGMORE HALL FARM LUTON TH 4	-	Υ	N/A
С	133m N	512480 222320	WIGMORE HALL FARM LUTON TH 8	_	Υ	N/A
D	134m NE	512550 222290	WIGMORE HALL FARM LUTON TH 11	-	Υ	N/A
Е	144m W	511070 220710	LUTON EASTERN BY-PASS 54	12.5	N	<u>528476</u>
Е	146m W	511070 220740	LUTON EASTERN BY-PASS 57	15.0	N	<u>528479</u>
18	146m W	511070 220680	LUTON EASTERN BY-PASS 51	13.0	N	528473
19	154m W	511070 220650	LUTON EASTERN BY-PASS 48	16.0	N	<u>528471</u>
20	159m NE	512580 222300	WIGMORE HALL FARM LUTON TH 2	-	Υ	N/A





Grid ref: 511757 221628

ID	Location	Grid reference	Name	Length	Confidential	Web link
21	164m E	512460 222370	WIGMORE HALL FARM LUTON TH 7	-	Υ	N/A
Е	164m W	511050 220710	LUTON EASTERN BY-PASS 53	4.2	N	<u>528475</u>
Е	165m W	511050 220730	LUTON EASTERN BY-PASS 56	6.8	N	<u>528478</u>
22	167m S	512192 221666	LUTON INTERNATIONAL AIR. BH15	7.95	N	<u>528618</u>
23	171m NW	510990 221580	LUTON EASTERN BY-PASS 63	3.5	N	<u>528485</u>
24	172m NW	512080 222500	WIGMORE LUTON 2	-	Υ	N/A
25	174m N	512130 222520	WIGMORE LUTON 4	-	Υ	N/A
26	179m NW	511000 221610	LUTON EASTERN BY-PASS 64	11.5	N	<u>528486</u>
Е	184m W	511030 220700	LUTON EASTERN BY-PASS 52	12.5	N	<u>528474</u>
Е	185m W	511030 220730	LUTON EASTERN BY-PASS 55	6.4	N	<u>528477</u>
27	187m W	511030 220670	LUTON EASTERN BY-PASS 49	4.5	N	528472
F	189m NW	511010 221640	LUTON EASTERN BY-PASS 67	5.5	N	<u>528489</u>
28	195m W	511030 220640	LUTON EASTERN BY-PASS 46	17.0	N	<u>528470</u>
29	196m NE	512570 222350	WIGMORE HALL FARM LUTON TH 3	-	Υ	N/A
30	203m N	512180 222560	WIGMORE LUTON 6	-	Υ	N/A
F	204m NW	510990 221640	LUTON EASTERN BY-PASS 66	4.0	N	<u>528488</u>
31	207m W	511030 220830	LUTON EASTERN BY-PASS 58	18.5	N	<u>528480</u>
32	207m NW	510960 221600	LUTON EASTERN BY-PASS 62	9.5	N	<u>528484</u>
33	208m NW	512060 222530	WIGMORE LUTON 1	-	Υ	N/A
F	209m NW	511000 221660	LUTON EASTERN BY-PASS 70	10.5	N	<u>528491</u>
F	215m NW	510970 221630	LUTON EASTERN BY-PASS 65	10.5	N	<u>528487</u>
F	217m NW	510990 221660	LUTON EASTERN BY-PASS 69	3.5	N	<u>528490</u>
34	221m W	510876 221177	VAUXHALL MOTORS LUTON 4	-	Υ	N/A
35	221m N	512100 222560	WIGMORE LUTON 3	-	Υ	N/A
G	228m NW	511000 221690	LUTON EASTERN BY-PASS 73	3.5	N	<u>528494</u>
G	236m NW	510990 221690	LUTON EASTERN BY-PASS 72	3.0	N	528493
36	237m N	512150 222590	WIGMORE LUTON 5	-	Υ	N/A
Н	245m W	510850 221260	VAUXHALL MOTORS LTD LUTON	111.55	N	<u>528525</u>







Grid ref: 511757 221628

ID	Location	Grid reference	Name	Length	Confidential	Web link
Н	245m W	510850 221260	VAUXHALL MOTORS LTD LUTON	111.55	N	<u>528526</u>

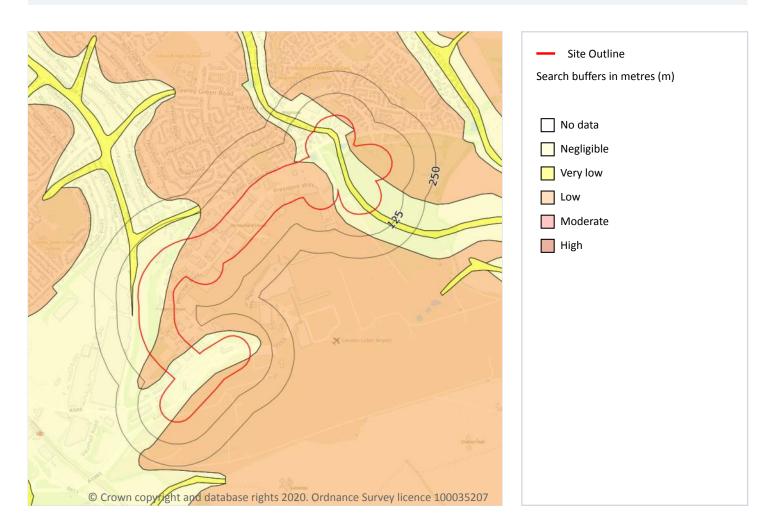
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m 4

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 124

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







Grid ref: 511757 221628

Location	Hazard rating	Details
31m W	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.

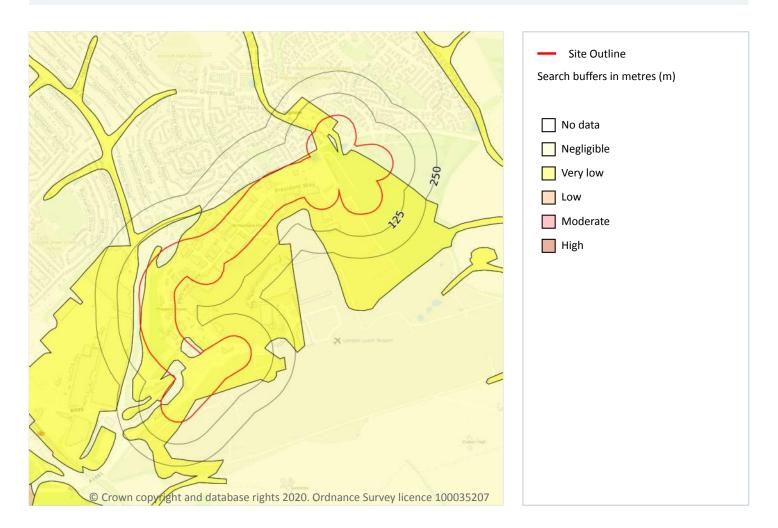


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Grid ref: 511757 221628

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 126

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.





Grid ref: 511757 221628

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.
31m W	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

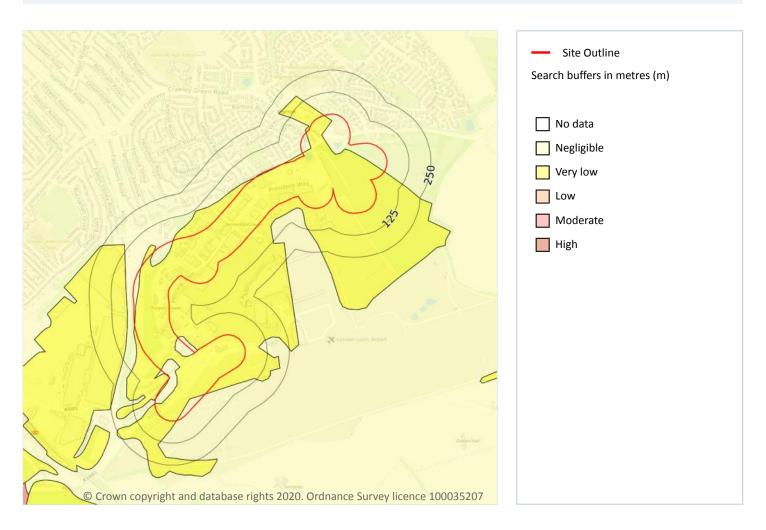
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m 3

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 128

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





Grid ref: 511757 221628

Location	Hazard rating	Details
38m W	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

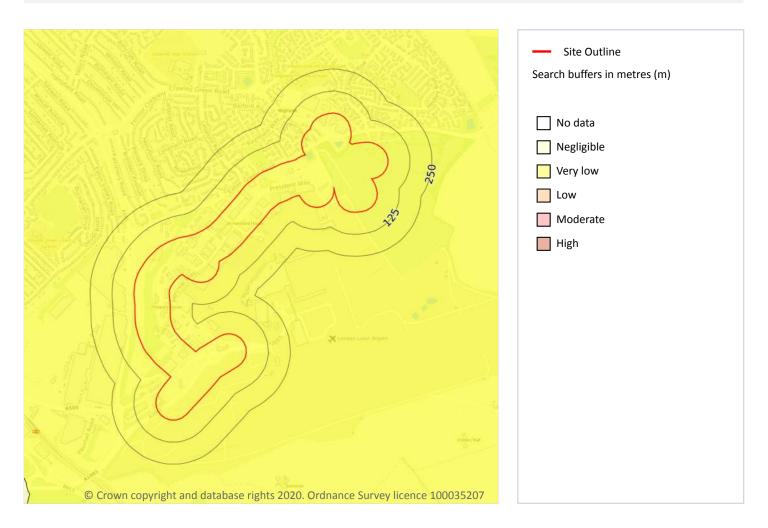
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m 1

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 130

Location	Hazard rating	Details
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.





Grid ref: 511757 221628

Natural ground subsidence - Landslides



17.5 Landslides

Records within 50m 3

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

Features are displayed on the Natural ground subsidence - Landslides map on page 131

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





Grid ref: 511757 221628

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

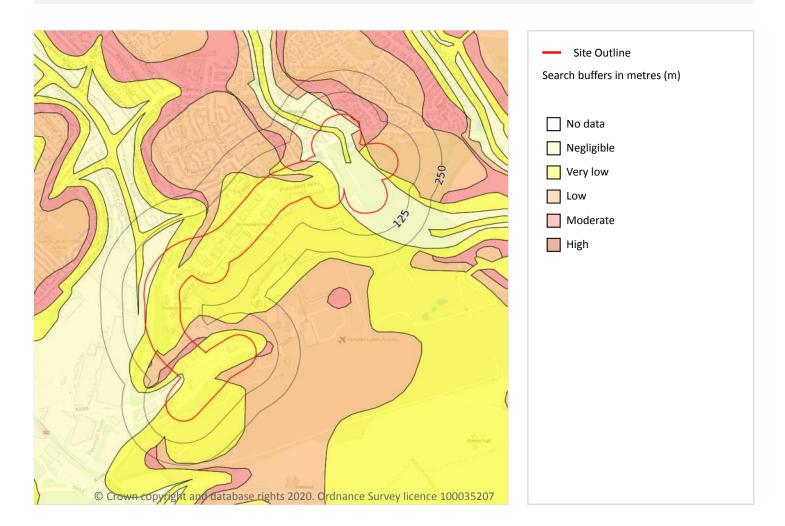
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m 6

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page** 133

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.





Grid ref: 511757 221628

Location	Hazard rating	Details	
On site	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.	
On site	Low	Soluble rocks are present within the ground. Some dissolution features may be present. Potential for difficult ground conditions are at a level where they may be considered, localised subsidence need not be considered except in exceptional circumstances.	
On site	Moderate	Soluble rocks are present within the ground. Many dissolution features may be present. Potential for difficult ground conditions are at a level where they should be considered. Potential for subsidence is at a level where it may need to be considered.	
	Moderate	for difficult ground conditions are at a level where they should be considered. Potential for	
48m SW	Moderate	for difficult ground conditions are at a level where they should be considered. Potential for	

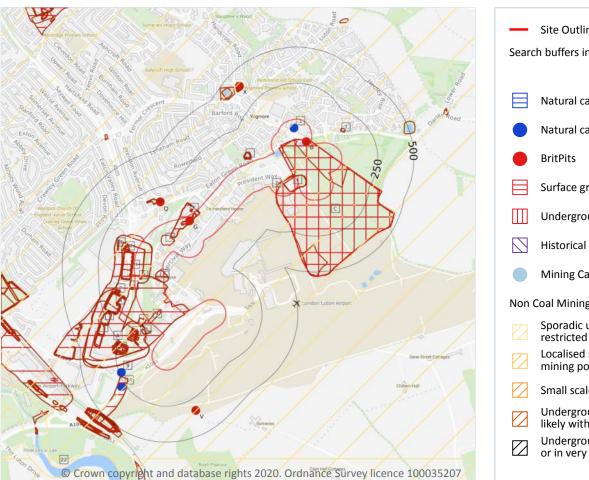
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

18 Mining, ground workings and natural cavities





18.1 Natural cavities

Records within 500m 3

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

Features are displayed on the Mining, ground workings and natural cavities map on page 135





Grid ref: 511757 221628

ID	Location	Details	Source
1	On site	Type: Solution Pipe x 15 Superficial Geology: Clay-with-Flints, Made Ground Bedrock Geology: Chalk Group	Simple Bibliography: - Full Bibliography: EDMONDS, C.N., The engineering geomorphology of karst development and the prediction of subsidence risk upon the chalk outcrop in England. Unpublished PhD thesis, University of London., , 1987; Confidentiality: Data source can be revealed, data can be used freely
9	234m W	Type: Solution Pipe x 3 Superficial Geology: Clay-with-Flints Bedrock Geology: Chalk Group	Simple Bibliography: - Full Bibliography: EDMONDS, C.N., The engineering geomorphology of karst development and the prediction of subsidence risk upon the chalk outcrop in England. Unpublished PhD thesis, University of London., , 1987; Confidentiality: Data source can be revealed, data can be used freely
10	281m SW	Type: Solution Pipe x 3 Superficial Geology: Clay-with-Flints Bedrock Geology: Chalk Group	Simple Bibliography: C.N Edmonds (Personal Correspondence) Full Bibliography: - Confidentiality: Data source can be revealed, data can be used freely

This data is sourced from Peter Brett Associates (PBA).

18.2 BritPits

Records within 500m 6

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

Features are displayed on the Mining, ground workings and natural cavities map on page 135

info@groundsure.com 08444 159 000

ID	Location	Details	Description
В	On site	Name: Wigmore Hall Gravel Pit Address: LUTON, Bedfordshire Commodity: Sand & Gravel Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased 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





Grid ref: 511757 221628

ID	Location	Details	Description
G	On site	Name: Eaton Green Brick & Tile Works Address: LUTON, Bedfordshire Commodity: Clay & Shale Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased 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
Q	150m N	Name: Eaton Green Chalk Pit Address: LUTON, Bedfordshire Commodity: Chalk Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased 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
Q	150m N	Name: Eaton Green Chalk Pit Address: LUTON, Bedfordshire Commodity: Chalk Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	332m SE	Name: Someries Chalk Pit Address: LUTON, Bedfordshire Commodity: Chalk Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased 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
X	401m NW	Name: Wigmore Lane Chalk Pit Address: Slaughter's Wood, LUTON, Bedfordshire Commodity: Chalk Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased 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.

18.3 Surface ground workings

Records within 250m 165

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, ground workings and natural cavities map on page 135

ID	Location	Land Use	Year of mapping	Mapping scale
3	On site	Unspecified Ground Workings	1973	1:10000
4	On site	Ponds	1973	1:10000





Grid ref: 511757 221628

ID	Location	Land Use	Year of mapping	Mapping scale
Α	On site	Sewage Farm	1922	1:10560
Α	On site	Sewage Farm	1947	1:10560
Α	On site	Sewage Farm	1938	1:10560
Α	On site	Sewage Farm	1922	1:10560
Α	On site	Sewage Farm	1922	1:10560
В	On site	Unspecified Pit	1947	1:10560
В	On site	Unspecified Pit	1925	1:10560
В	On site	Unspecified Pit	1951	1:10560
В	On site	Old Gravel Pit	1899	1:10560
В	On site	Old Gravel Pit	1879	1:10560
В	On site	Old Gravel Pit	1899	1:10560
В	On site	Unspecified Pit	1925	1:10560
В	On site	Old Gravel Pit	1888	1:10560
С	On site	Unspecified Workings	1991	1:10000
С	On site	Unspecified Workings	1985	1:10000
С	On site	Refuse Heap	1973	1:10000
D	On site	Sludge Pit	1947	1:10560
D	On site	Sludge Pit	1922	1:10560
D	On site	Sludge Pit	1938	1:10560
D	On site	Sludge Pit	1938	1:10560
D	On site	Sludge Pit	1938	1:10560
D	On site	Sludge Pit	1922	1:10560
D	On site	Sludge Pit	1938	1:10560
D	On site	Sludge Pit	1922	1:10560
E	On site	Unspecified Pit	1991	1:10000
E	On site	Unspecified Pit	1985	1:10000
F	On site	Unspecified Ground Workings	1985	1:10000
F	On site	Unspecified Ground Workings	1973	1:10000
			-	





Grid ref: 511757 221628

G			Year of mapping	Mapping scale
	On site	Brick and Tile Works	1879	1:10560
G	On site	Clay Pit	1879	1:10560
G	On site	Brick and Tile Works	1879	1:10560
G	On site	Brick and Tile Works	1888	1:10560
G	On site	Clay Pit	1888	1:10560
G	On site	Brick and Tile Works	1888	1:10560
G	On site	Clay Pit	1888	1:10560
Н	7m W	Unspecified Ground Workings	1938	1:10560
Н	10m W	Unspecified Ground Workings	1938	1:10560
Н	10m W	Unspecified Ground Workings	1922	1:10560
Н	10m W	Unspecified Ground Workings	1938	1:10560
Н	10m W	Unspecified Ground Workings	1922	1:10560
Н	10m W	Filter Beds	1938	1:10560
Н	11m W	Filter Beds	1947	1:10560
Н	11m W	Filter Beds	1922	1:10560
1	13m SW	Unspecified Heap	1991	1:10000
1	13m SW	Unspecified Heap	1985	1:10000
1	13m SW	Unspecified Heap	1973	1:10000
Н	14m W	Filter Beds	1938	1:10560
Н	15m W	Filter Beds	1938	1:10560
Н	15m W	Filter Beds	1922	1:10560
Н	15m W	Filter Beds	1938	1:10560
Н	15m W	Filter Beds	1922	1:10560
J	15m W	Sedimentation Tanks	1938	1:10560
J	15m W	Sedimentation Tanks	1938	1:10560
J	15m W	Sedimentation Tanks	1938	1:10560
J	15m W	Sedimentation Tanks	1922	1:10560
J	15m W	Sedimentation Tanks	1938	1:10560





Grid ref: 511757 221628

ID	Location	Land Use	Year of mapping	Mapping scale
J	15m W	Sedimentation Tanks	1922	1:10560
J	16m W	Sedimentation Tanks	1947	1:10560
J	16m W	Sedimentation Tanks	1922	1:10560
K	16m NW	Brick Kiln	1879	1:10560
K	16m NW	Brick Kiln	1879	1:10560
K	18m NW	Brick Kiln	1888	1:10560
K	18m NW	Brick Kiln	1888	1:10560
L	22m NW	Unspecified Pit	1938	1:10560
L	25m NW	Unspecified Pit	1951	1:10560
L	25m NW	Unspecified Pit	1947	1:10560
L	25m NW	Unspecified Pit	1922	1:10560
L	25m NW	Unspecified Pit	1938	1:10560
L	25m NW	Unspecified Pit	1938	1:10560
L	25m NW	Unspecified Pit	1922	1:10560
L	25m NW	Unspecified Pit	1938	1:10560
L	25m NW	Unspecified Pit	1922	1:10560
5	27m W	Sewage Farm	1900	1:10560
6	44m SW	Ponds	1973	1:10000
M	50m W	Sedimentation Tanks	1938	1:10560
M	50m W	Sedimentation Tanks	1922	1:10560
M	50m W	Sedimentation Tanks	1938	1:10560
M	50m W	Sedimentation Tanks	1922	1:10560
M	55m W	Sedimentation Tanks	1938	1:10560
M	56m W	Sedimentation Tanks	1922	1:10560
M	70m W	Sedimentation Tanks	1922	1:10560
Ν	74m W	Unspecified Ground Workings	1938	1:10560
Ν	77m W	Unspecified Ground Workings	1938	1:10560
N	77m W	Unspecified Ground Workings	1922	1:10560





Grid ref: 511757 221628

ID	Location	Land Use	Year of mapping	Mapping scale
N	77m W	Unspecified Ground Workings	1938	1:10560
N	77m W	Unspecified Ground Workings	1922	1:10560
M	79m W	Sedimentation Tanks	1922	1:10560
N	103m W	Filter Beds	1938	1:10560
0	104m SW	Unspecified Ground Workings	1938	1:10560
Ν	104m W	Filter Beds	1947	1:10560
Ν	104m W	Filter Beds	1922	1:10560
Р	104m W	Sedimentation Tanks	1938	1:10560
Р	104m W	Sedimentation Tanks	1922	1:10560
Р	104m W	Sedimentation Tanks	1938	1:10560
Р	104m W	Sedimentation Tanks	1922	1:10560
0	109m SW	Sewage Tanks	1947	1:10560
0	109m SW	Sewage Tanks	1922	1:10560
Р	109m W	Sedimentation Tanks	1938	1:10560
Р	110m W	Sedimentation Tanks	1947	1:10560
Р	110m W	Sedimentation Tanks	1922	1:10560
0	110m W	Sewage Tanks	1900	1:10560
0	110m SW	Sewage Tanks	1938	1:10560
7	110m NE	Pond	1879	1:10560
0	112m W	Sewage Tanks	1947	1:10560
0	112m W	Sewage Tanks	1922	1:10560
0	113m SW	Sewage Tanks	1938	1:10560
0	113m W	Sewage Tanks	1938	1:10560
0	115m SW	Unspecified Heap	1973	1:10000
0	115m SW	Ponds	1900	1:10560
0	119m SW	Sewage Tanks	1938	1:10560
0	119m SW	Sewage Tanks	1922	1:10560
0	119m SW	Sewage Tanks	1938	1:10560





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ID	Location	Land Use	Year of mapping	Mapping scale
0	119m SW	Sewage Tanks	1922	1:10560
8	125m W	Sedimentation Tanks	1947	1:10560
0	126m NW	Sewage Tanks	1938	1:10560
0	126m NW	Sewage Tanks	1922	1:10560
0	126m NW	Sewage Tanks	1938	1:10560
0	126m NW	Sewage Tanks	1922	1:10560
Р	128m W	Sedimentation Tanks	1938	1:10560
Р	129m W	Sedimentation Tanks	1947	1:10560
Р	129m W	Sedimentation Tanks	1922	1:10560
Q	139m N	Old Chalk Pit	1879	1:10560
Q	141m N	Old Chalk Pit	1888	1:10560
Q	141m N	Old Chalk Pit	1888	1:10560
Q	145m N	Unspecified Pit	1938	1:10560
Q	146m N	Unspecified Ground Workings	1947	1:10560
Q	146m N	Unspecified Ground Workings	1922	1:10560
Q	146m N	Unspecified Ground Workings	1900	1:10560
Q	147m N	Unspecified Pit	1951	1:10560
Q	147m N	Unspecified Ground Workings	1985	1:10000
Q	150m N	Unspecified Ground Workings	1991	1:10000
0	152m SW	Sewage Tanks	1938	1:10560
0	152m SW	Sewage Tanks	1922	1:10560
0	152m SW	Sewage Tanks	1938	1:10560
0	152m SW	Sewage Tanks	1922	1:10560
R	170m W	Sewage Tanks	1938	1:10560
R	171m W	Sewage Tanks	1947	1:10560
R	171m W	Sewage Tanks	1922	1:10560
R	171m W	Unspecified Ground Workings	1938	1:10560
R	178m W	Ponds	1900	1:10560





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ID	Location	Land Use	Year of mapping	Mapping scale
R	182m W	Sewage Tanks	1938	1:10560
R	182m W	Sewage Tanks	1922	1:10560
R	182m W	Sewage Tanks	1938	1:10560
R	182m W	Sewage Tanks	1922	1:10560
R	183m W	Sewage Tanks	1938	1:10560
R	200m W	Sewage Tanks	1938	1:10560
R	200m W	Sewage Tanks	1922	1:10560
R	200m W	Sewage Tanks	1938	1:10560
R	200m W	Sewage Tanks	1922	1:10560
S	203m W	Ponds	1938	1:10560
Т	204m SW	Pond	1938	1:10560
Т	204m SW	Pond	1947	1:10560
Т	204m SW	Pond	1922	1:10560
Т	206m SW	Pond	1938	1:10560
Т	206m SW	Pond	1922	1:10560
Т	206m SW	Pond	1938	1:10560
Т	206m SW	Pond	1922	1:10560
U	214m SW	Cuttings	1991	1:10000
U	214m SW	Cuttings	1985	1:10000
R	221m W	Sewage Tanks	1938	1:10560
R	221m W	Sewage Tanks	1922	1:10560
R	221m W	Sewage Tanks	1938	1:10560
R	221m W	Sewage Tanks	1922	1:10560

This is data is sourced from Ordnance Survey/Groundsure.





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18.4 Underground workings

Records within 1000m 2

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

Features are displayed on the Mining, ground workings and natural cavities map on page 135

ID	Location	Land Use	Year of mapping	Mapping scale
С	On site	Unspecified Workings	1991	1:10000
С	On site	Unspecified Workings	1985	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m 0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m 4

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).

Features are displayed on the Mining, ground workings and natural cavities map on page 135

ID	Location	Name	Commodity	Class	Likelihood
2	On site	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered
15	617m S	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered





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ID	Location	Name	Commodity	Class	Likelihood
21	849m SW	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered
22	857m SW	Not available	Chalk	А	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m 0

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

This data is sourced from Peter Brett Associates (PBA).

18.8 JPB mining areas

Records on site 0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site 0

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

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site

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.





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

18.11 Gypsum areas

Records on site 0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

18.13 Clay mining

Records on site

Generalised areas that may be affected by kaolin and ball clay extraction.

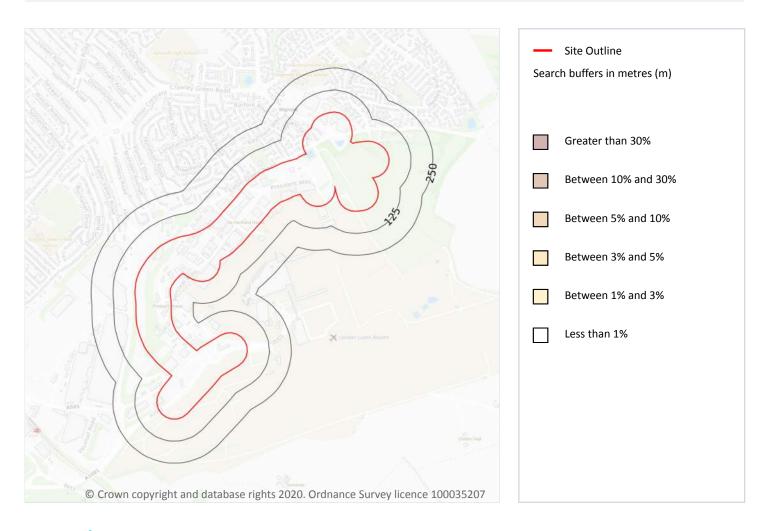
This data is sourced from the Kaolin and Ball Clay Association (UK).





Grid ref: 511757 221628

19 Radon



19.1 Radon

Records on site 1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on page 147

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

This data is sourced from the British Geological Survey and Public Health England.





Grid ref: 511757 221628

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m 63

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





Grid ref: 511757 221628

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	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 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





Grid ref: 511757 221628

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 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	45 - 60 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	45 - 60 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	45 - 60 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	45 - 60 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 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg





Grid ref: 511757 221628

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmiu m	Chromium	Nickel
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
1m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	45 - 60 mg/kg
4m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
4m SW	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
7m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
10m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
16m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
23m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
27m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
31m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
31m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
37m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
45m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
48m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

20.2 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.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m 0

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

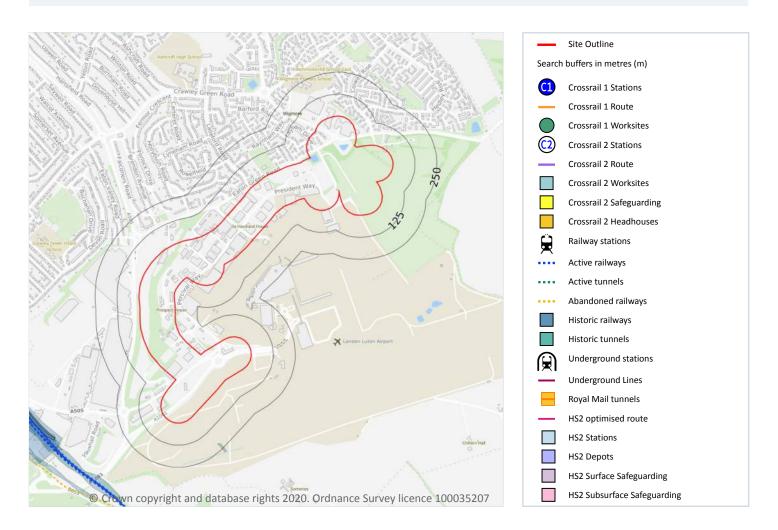
This data is sourced from the British Geological Survey.





Grid ref: 511757 221628

21 Railway infrastructure and projects



21.1 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.

21.2 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.





Grid ref: 511757 221628

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m 1

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 153

Location	Land Use	Year of mapping	Mapping scale
210m SE	Railway Sidings	1962	1250

This data is sourced from Ordnance Survey/Groundsure.

21.5 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.

21.6 Historical railways

Records within 250m 0

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

This data is sourced from OpenStreetMap.





0

0

Grid ref: 511757 221628

21.7 Railways

Records within 250m

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

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

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.

21.9 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.

21.10 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.





Grid ref: 511757 221628

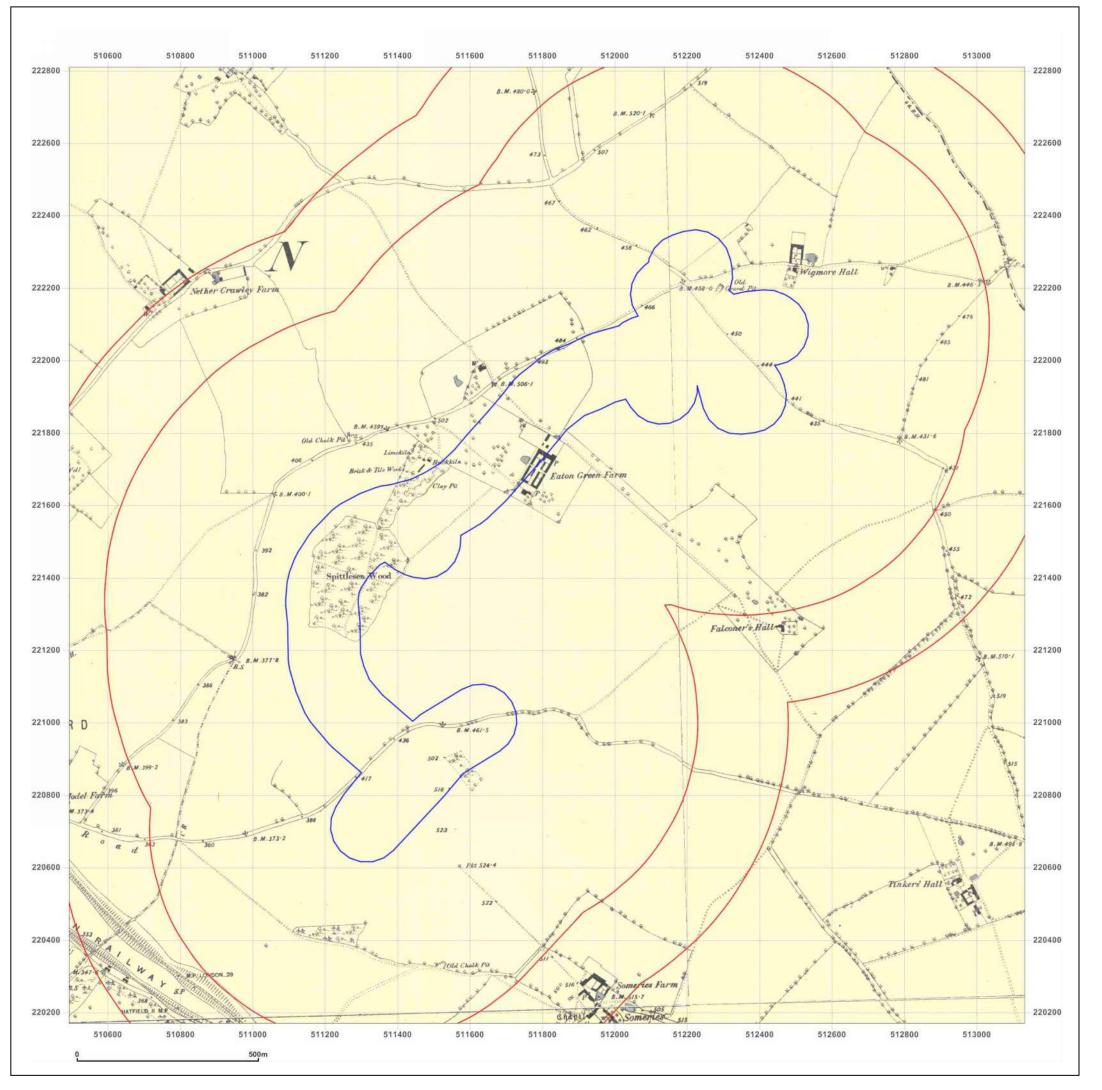
Data providers

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

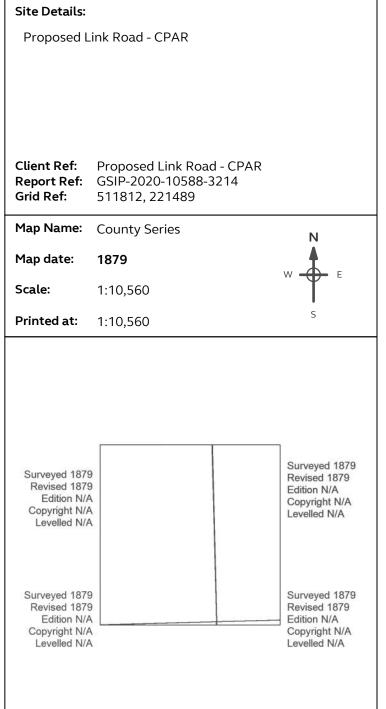
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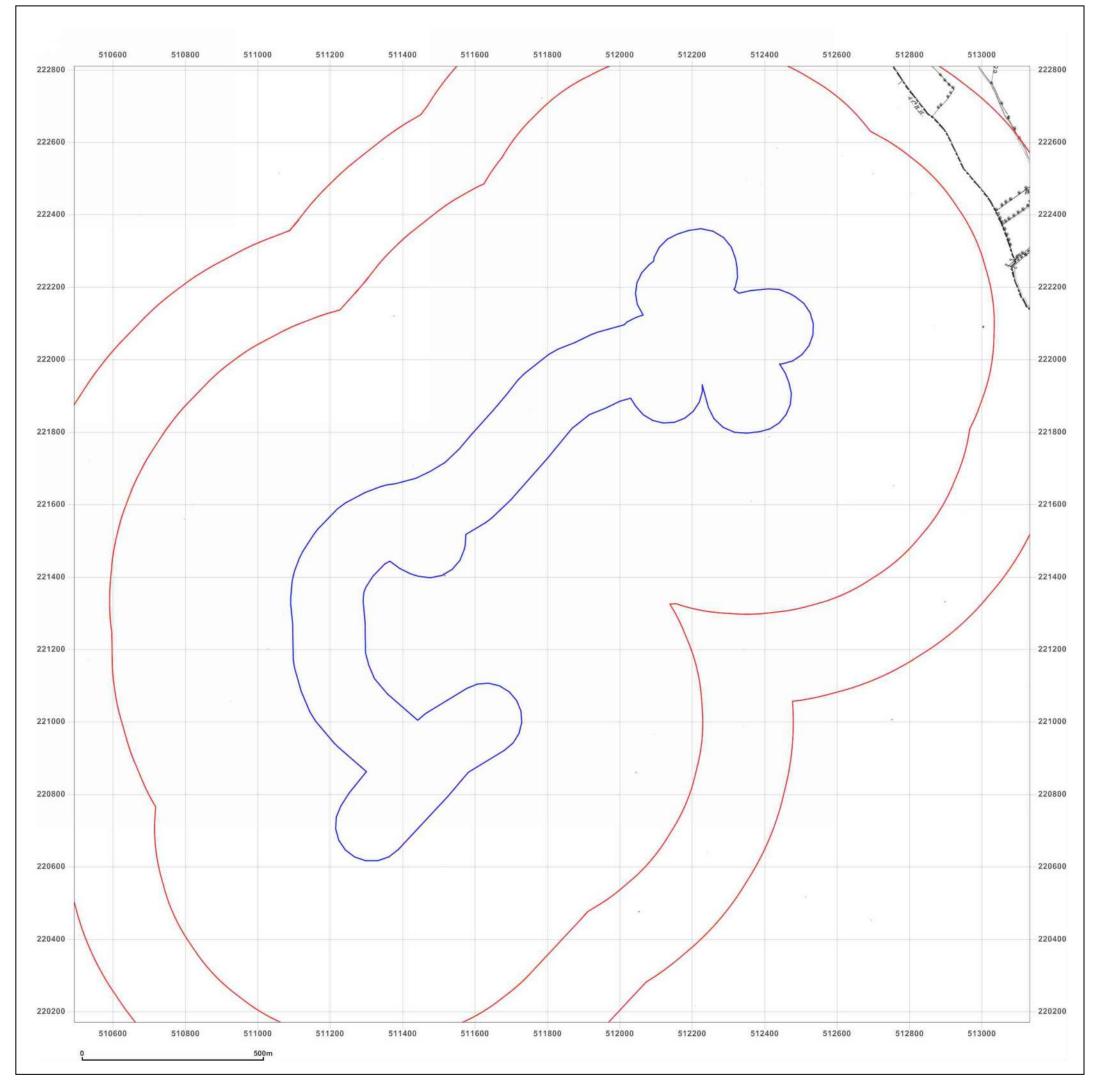




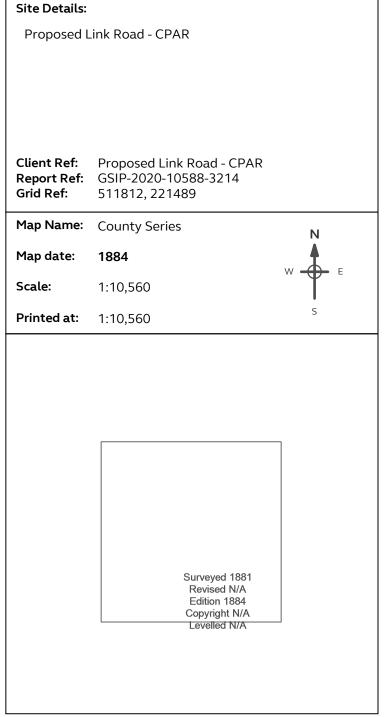


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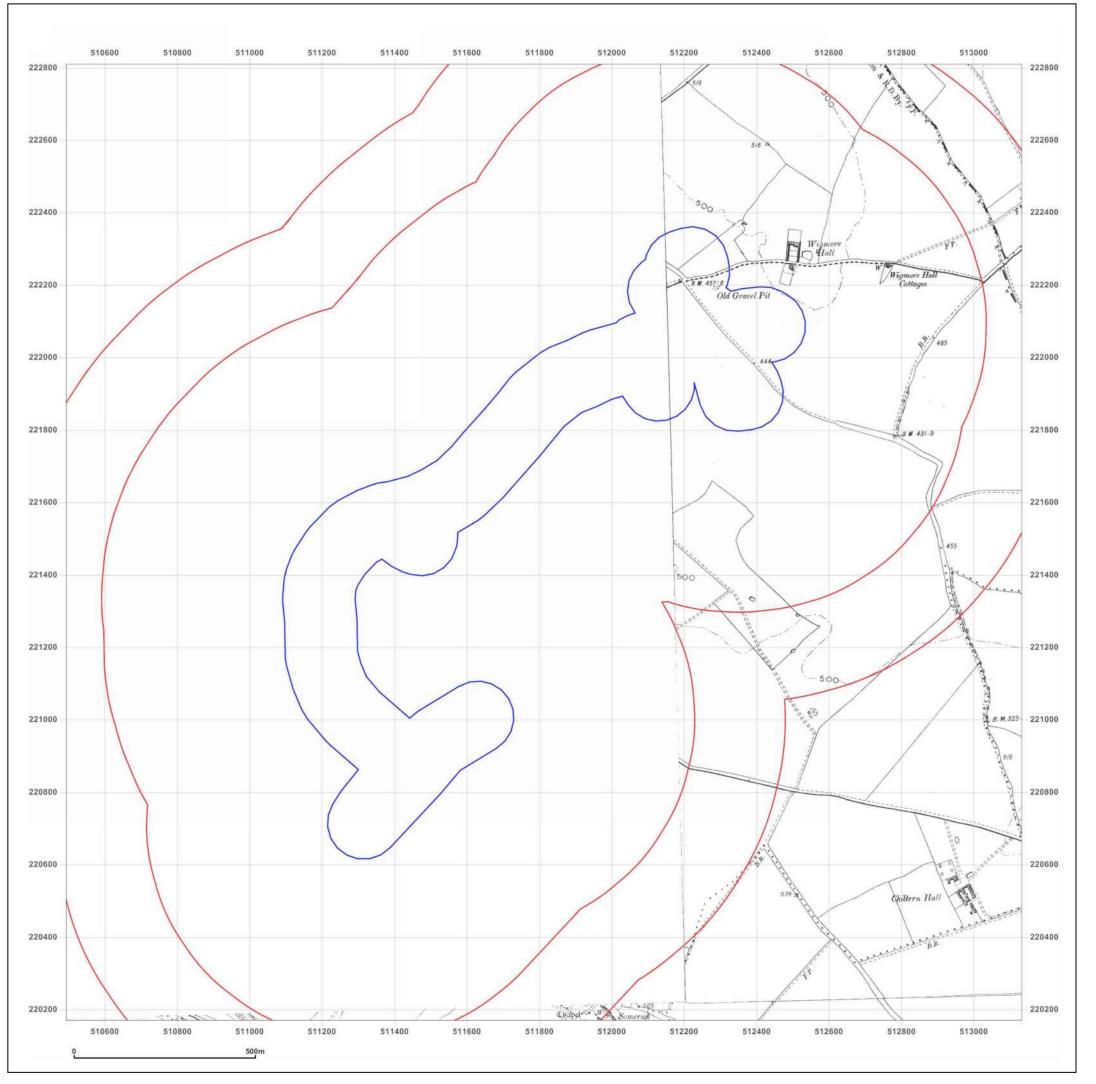




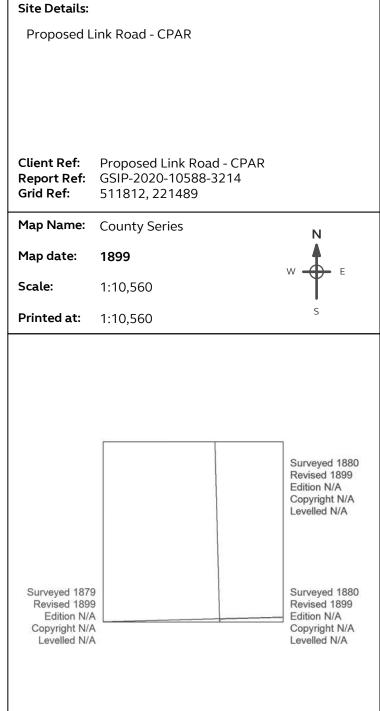


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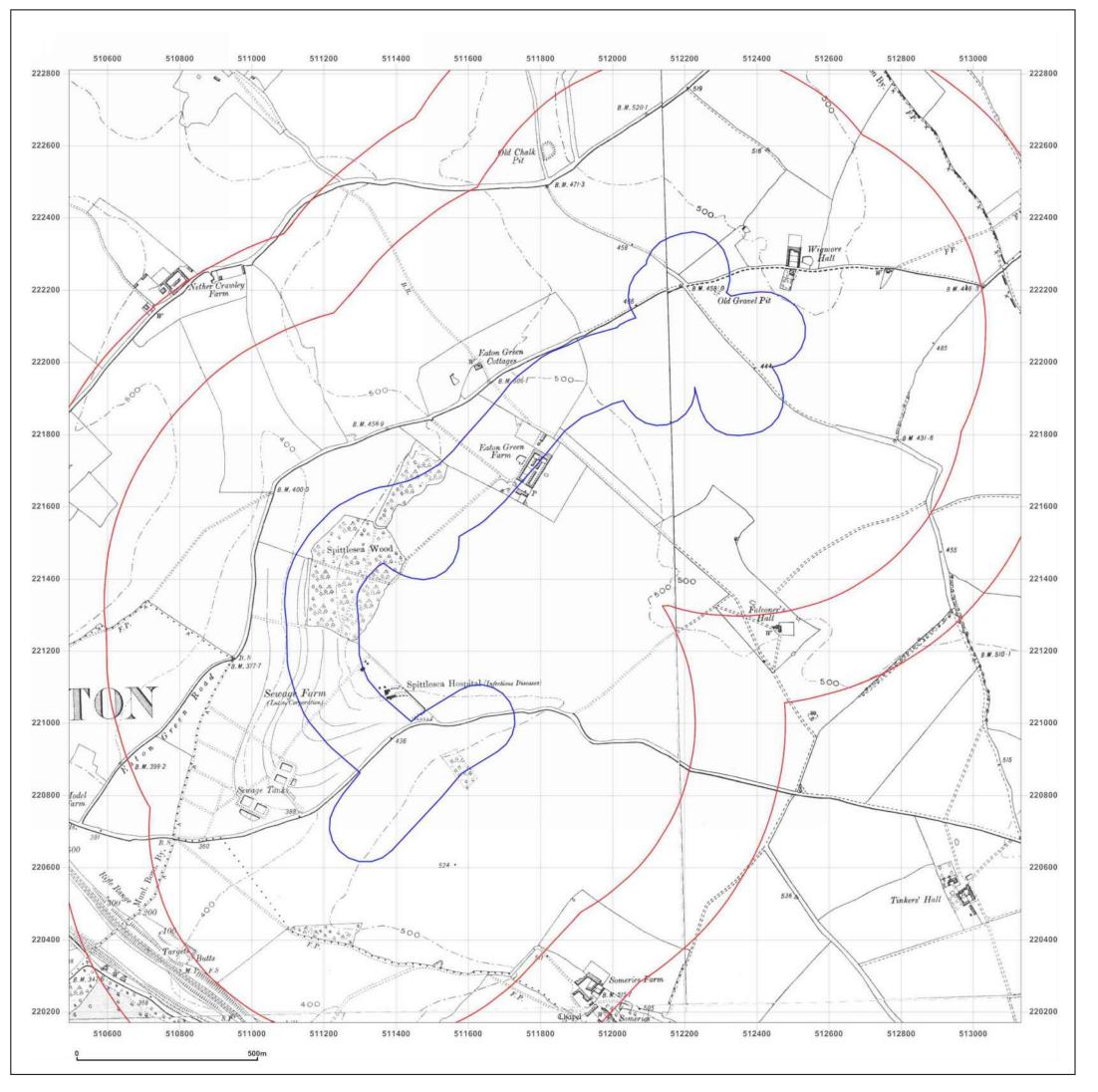




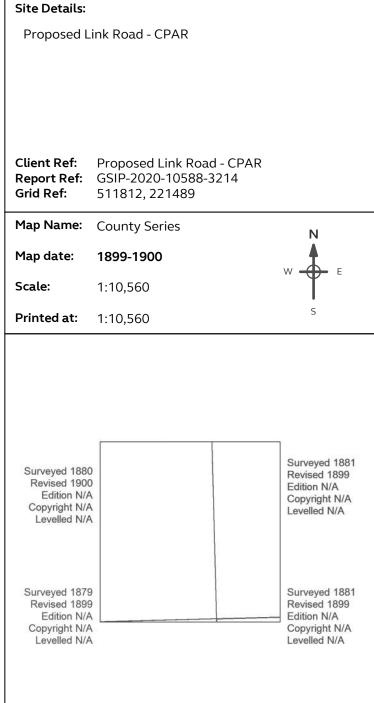


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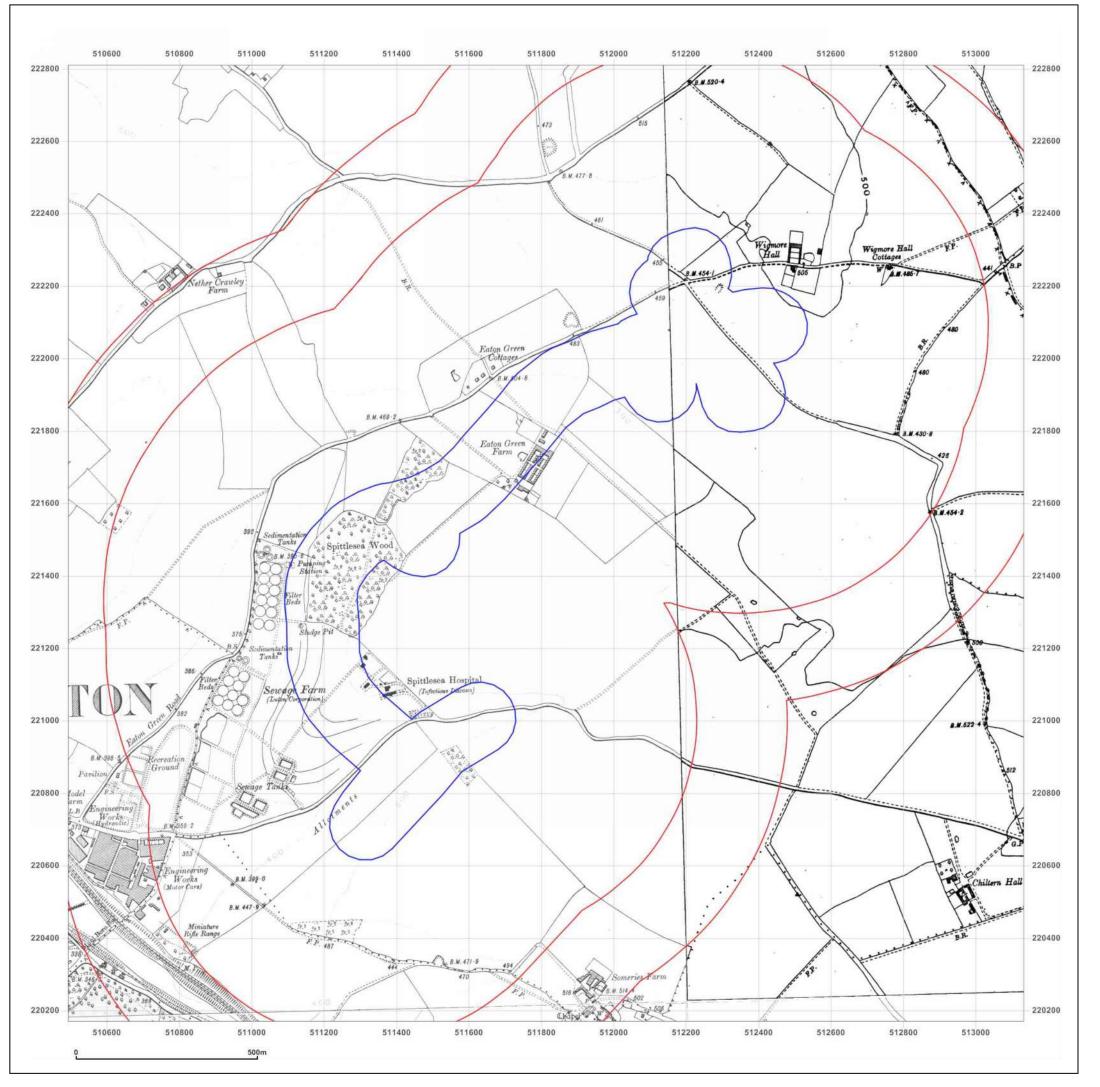




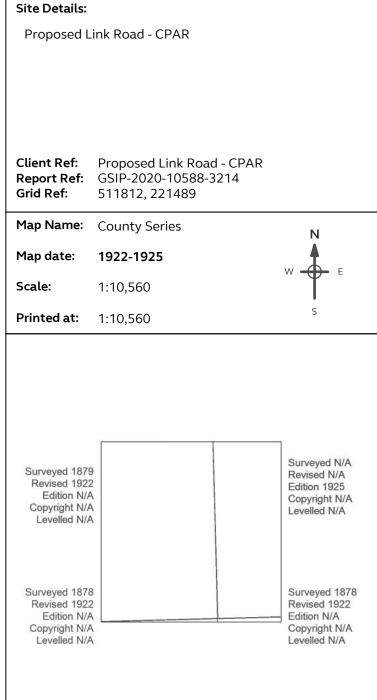


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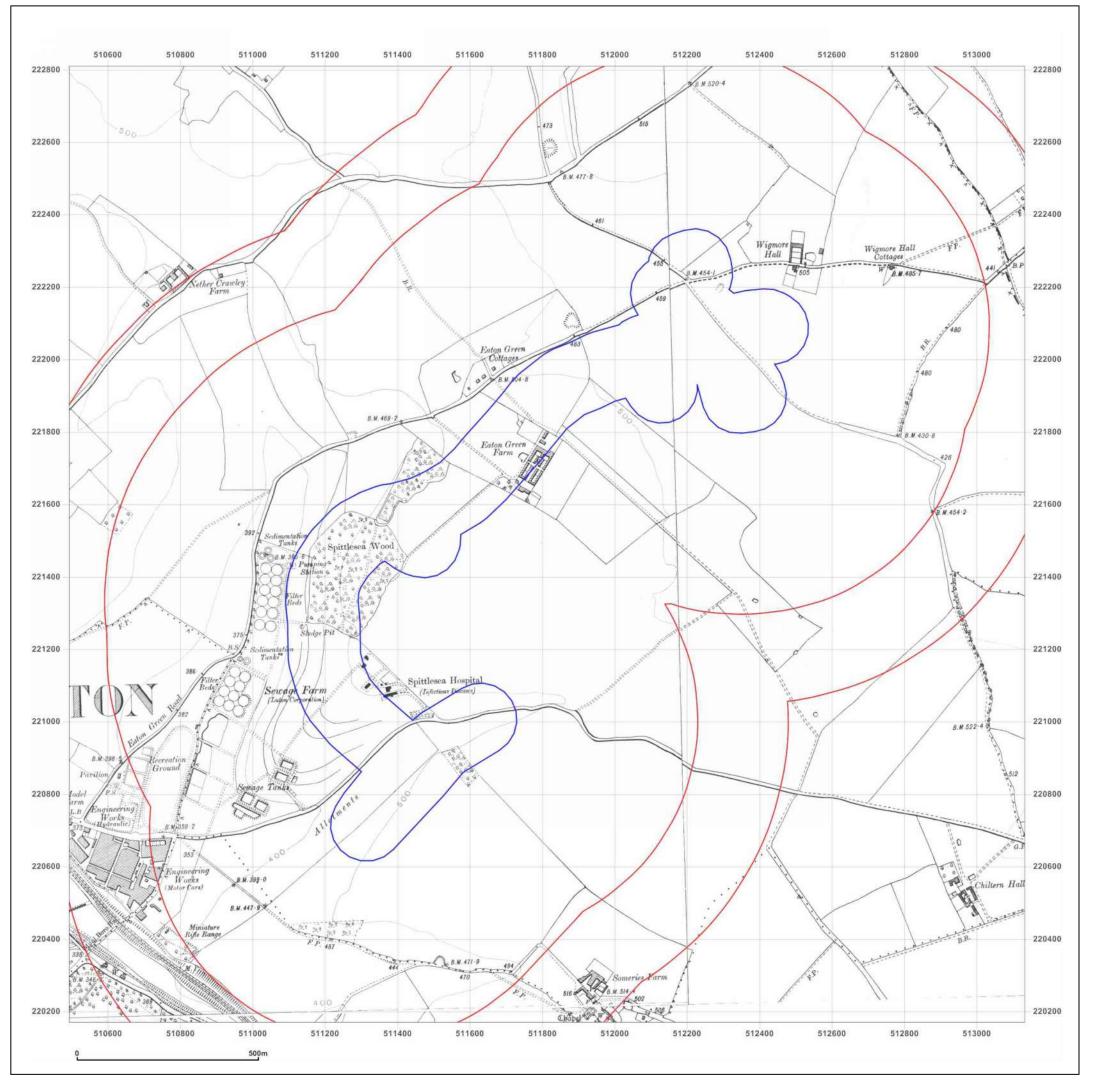




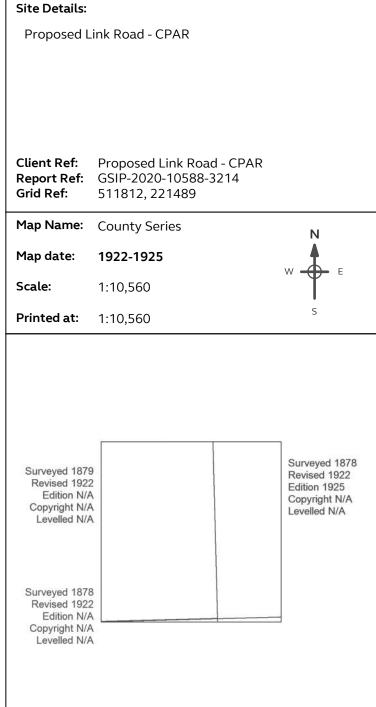


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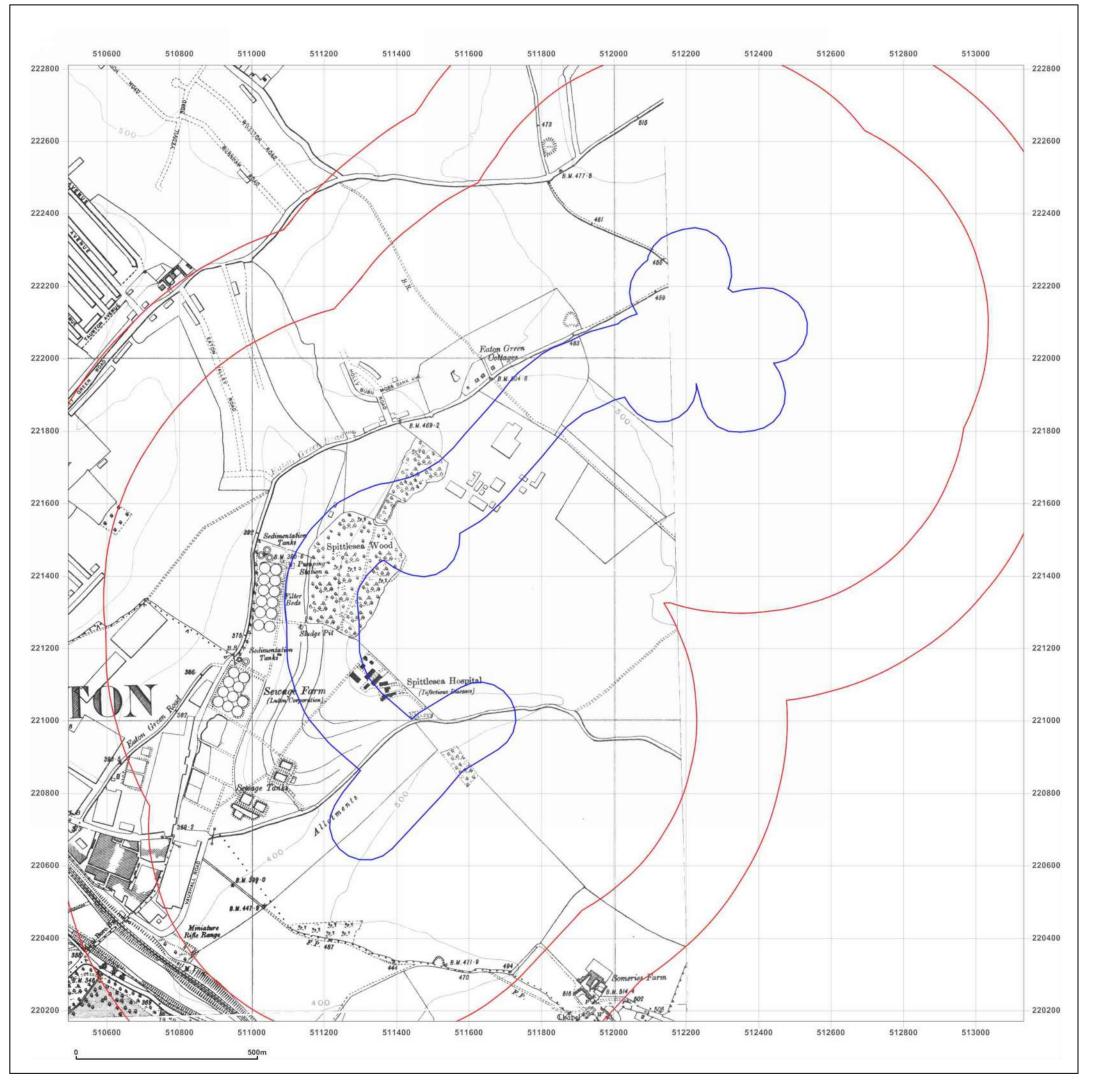




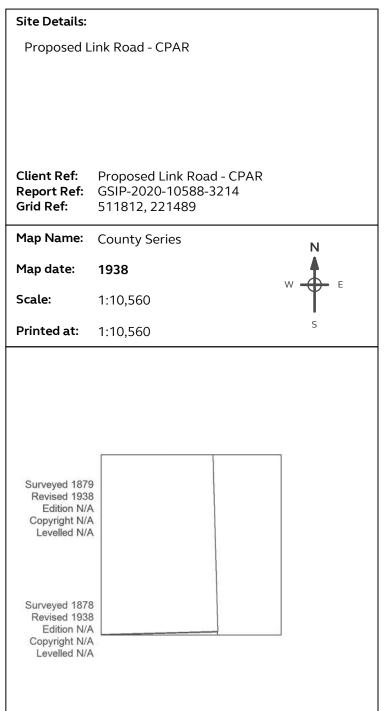


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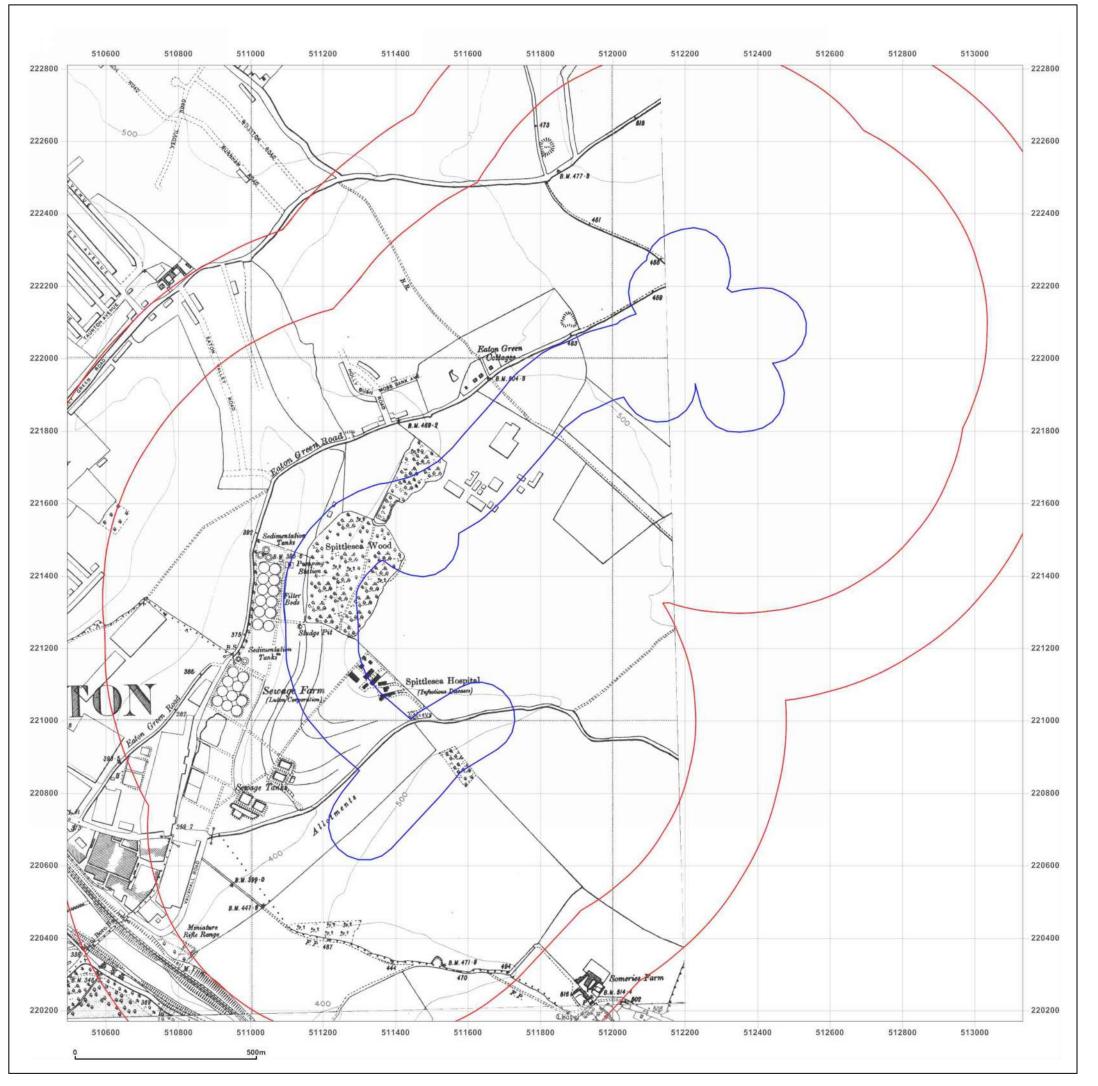




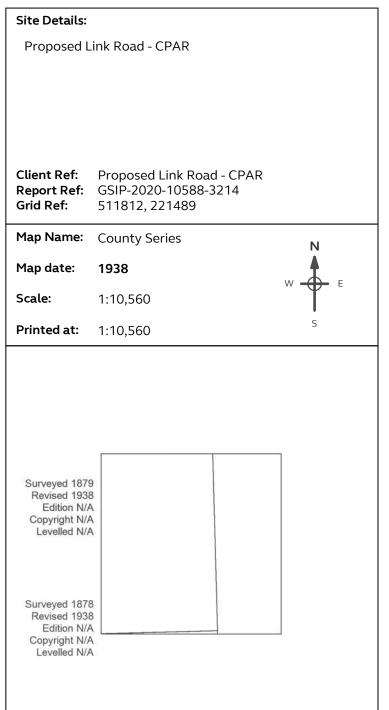


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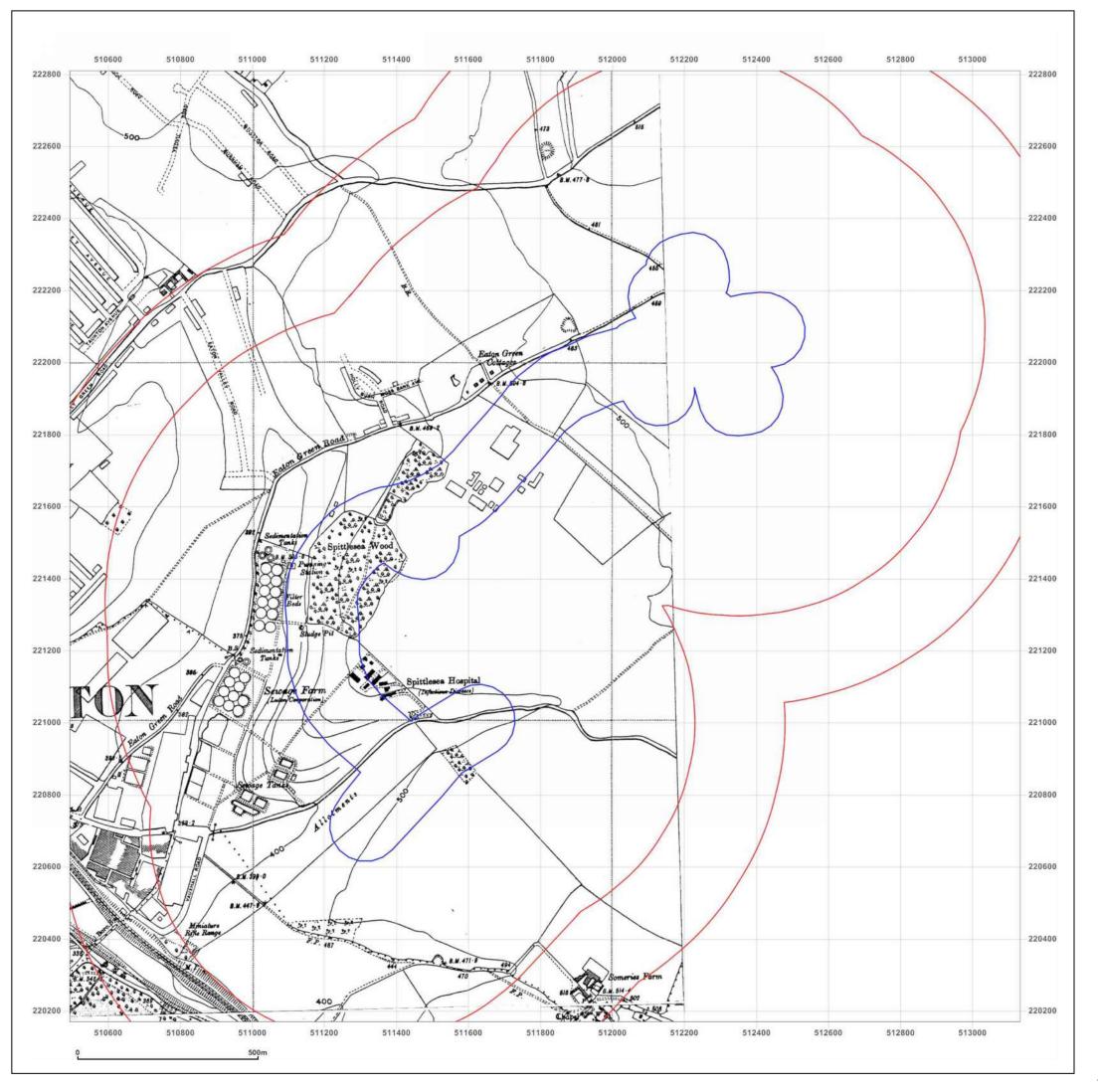




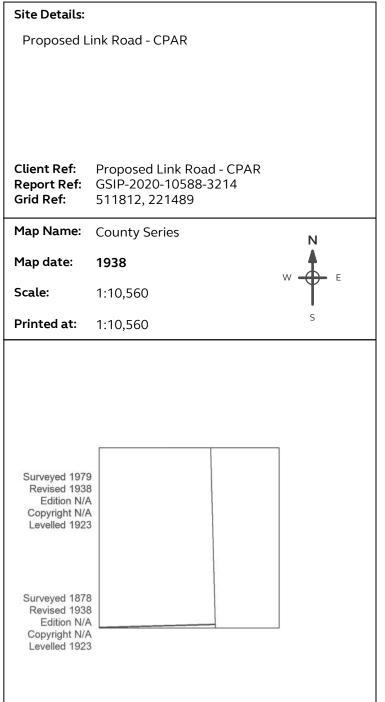


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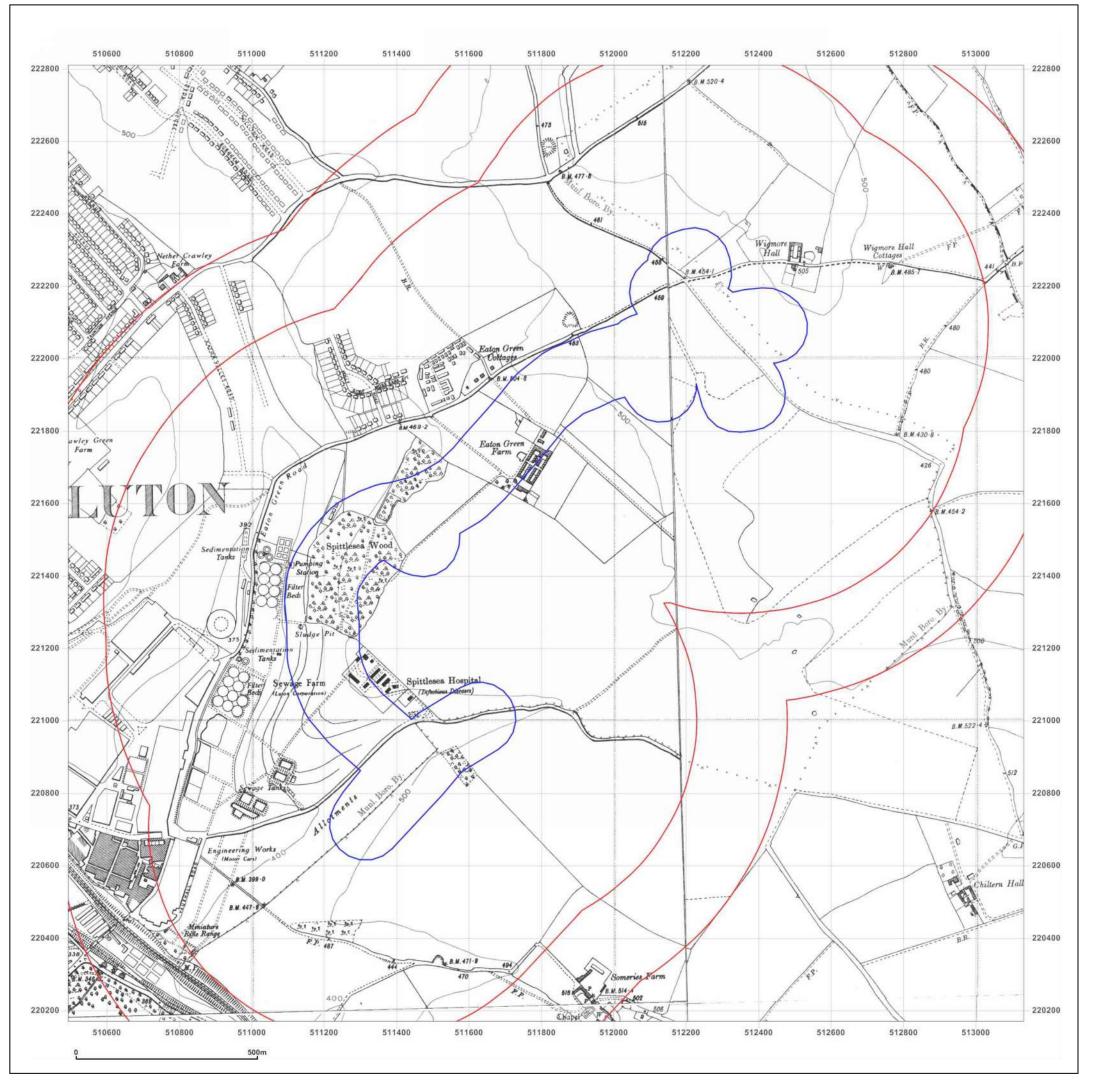






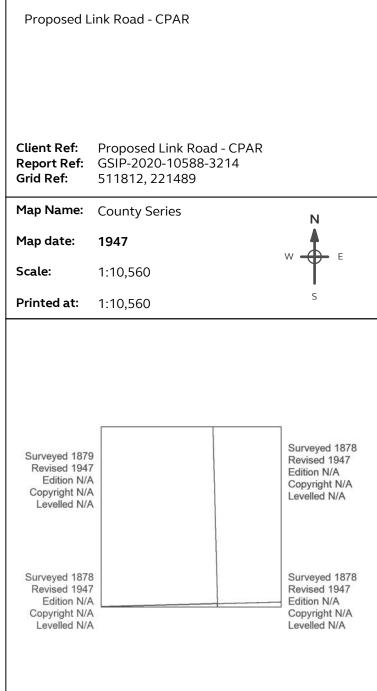
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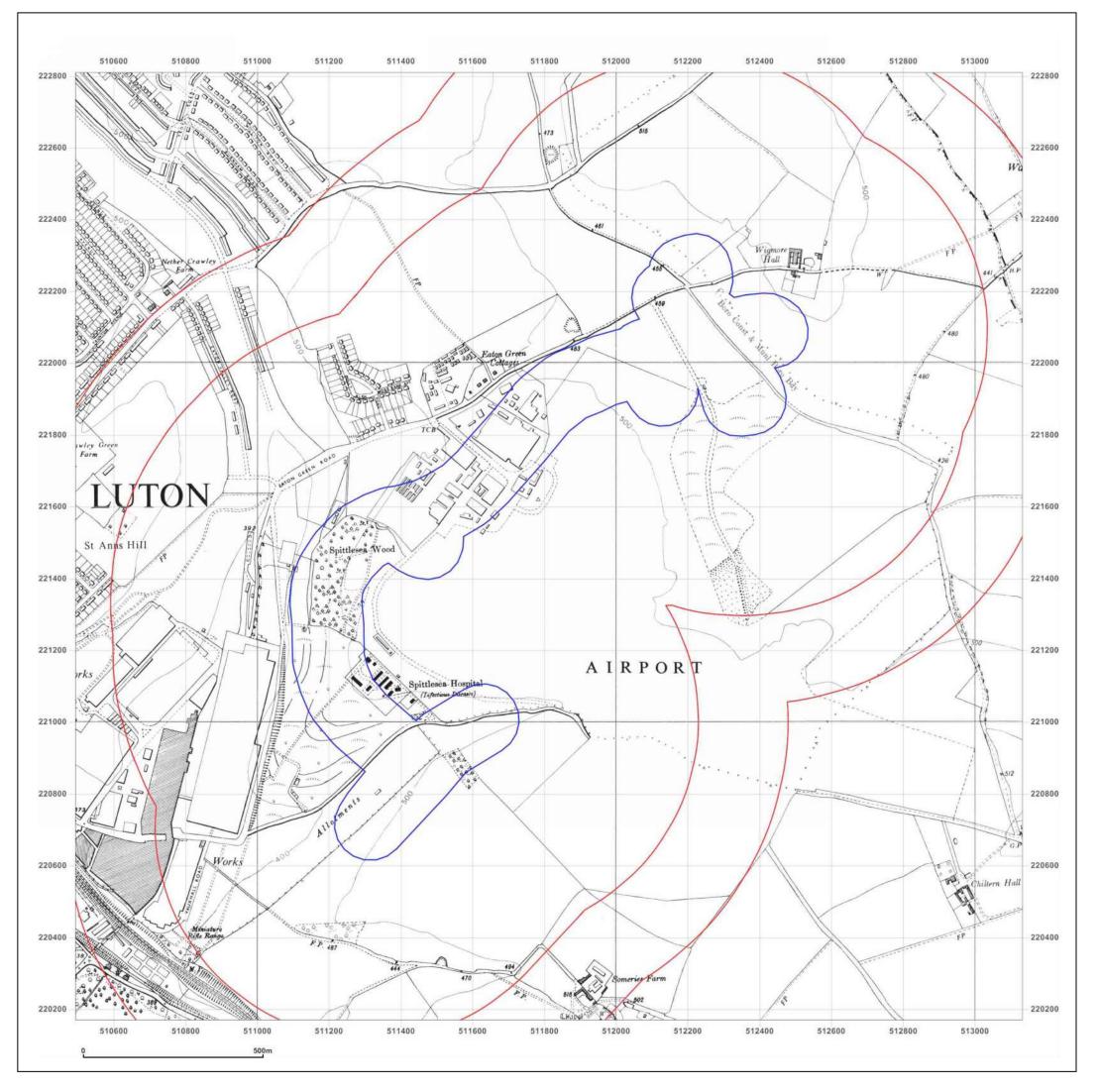




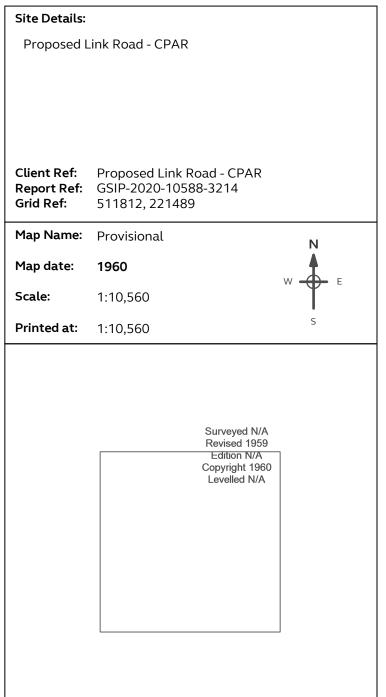
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E: info@groundsure.com
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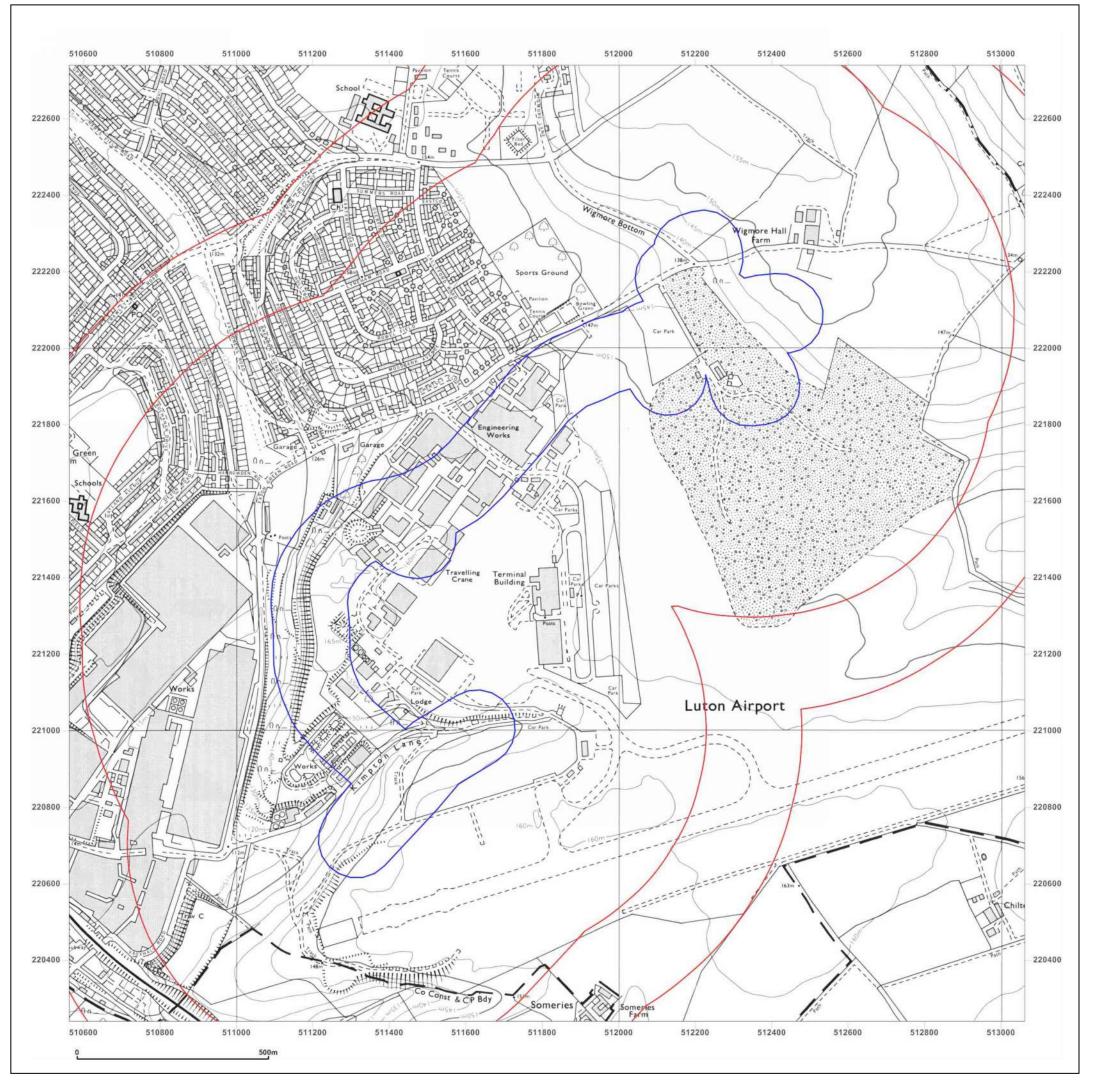




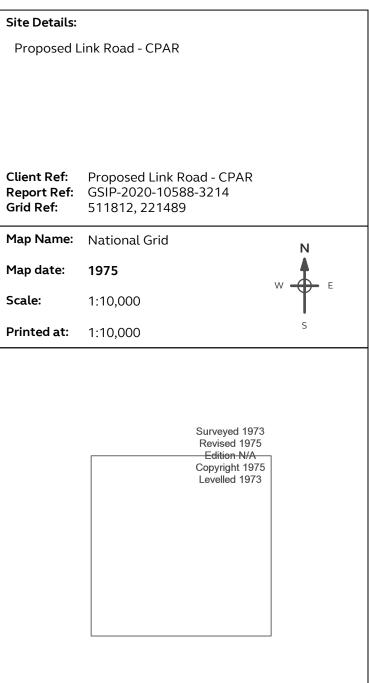


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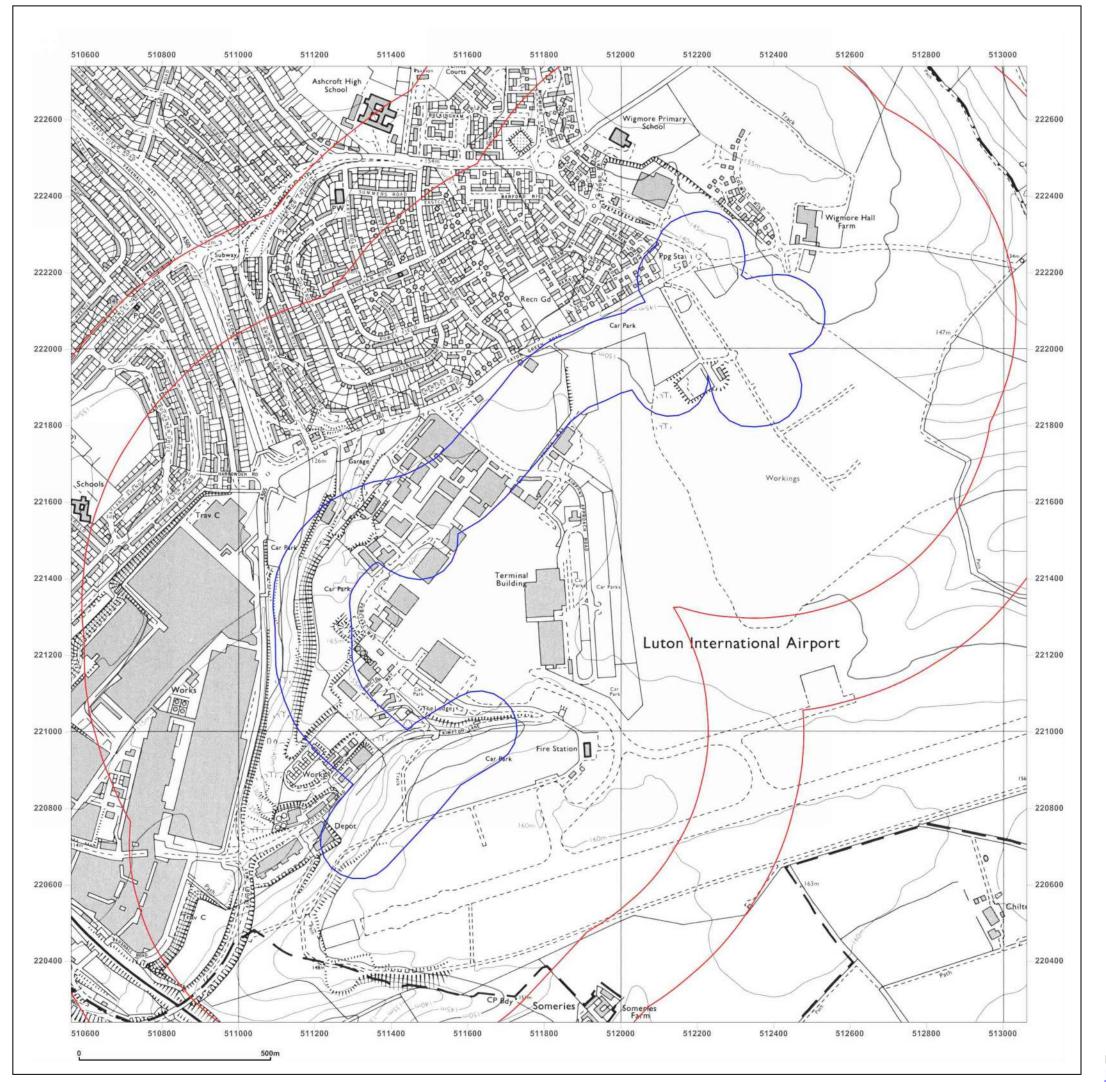




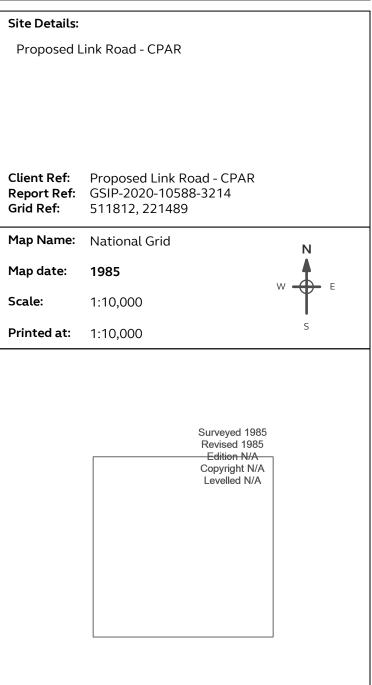


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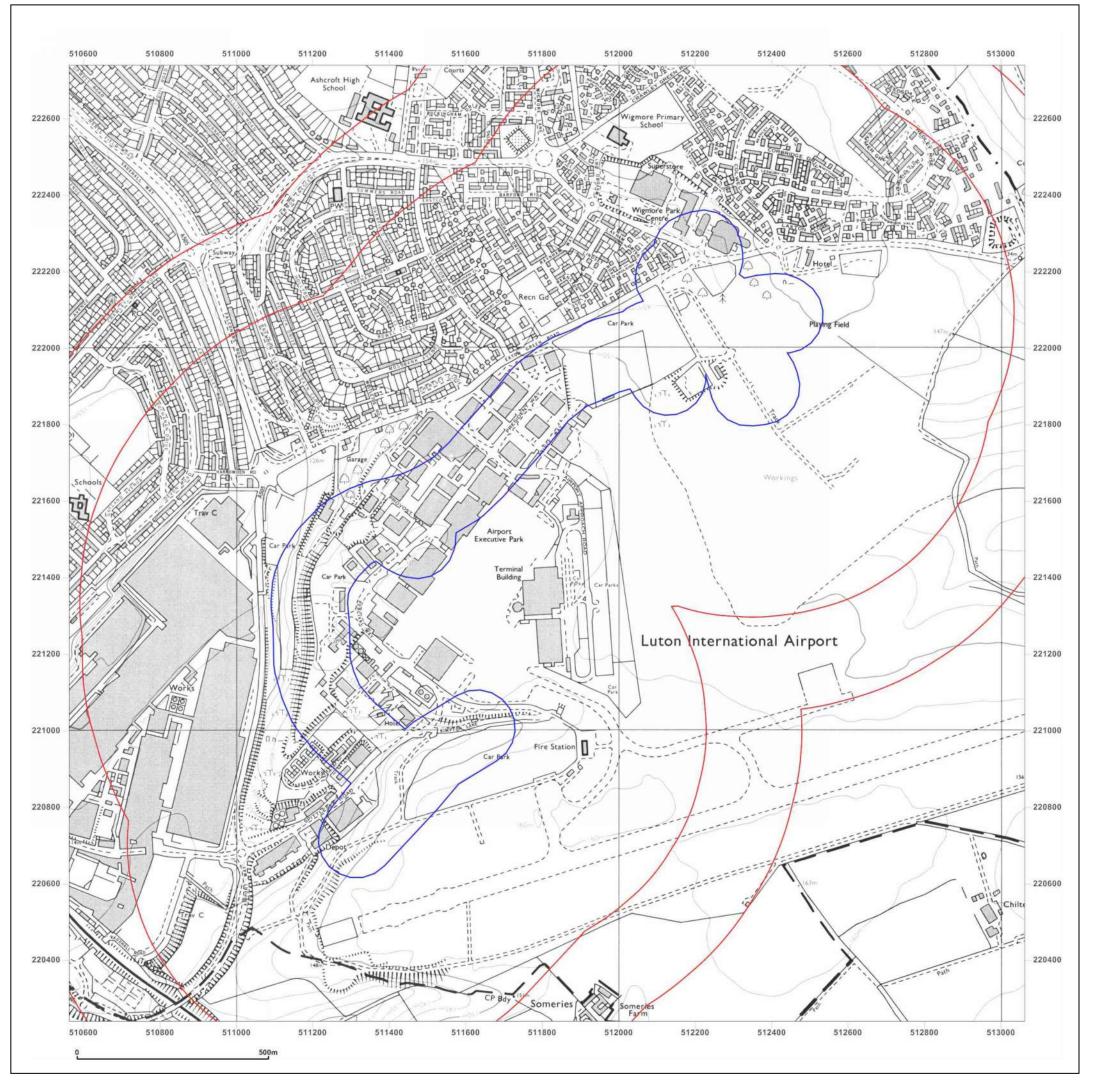




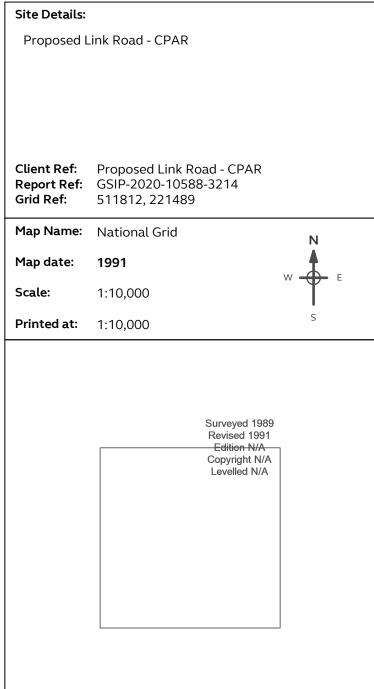


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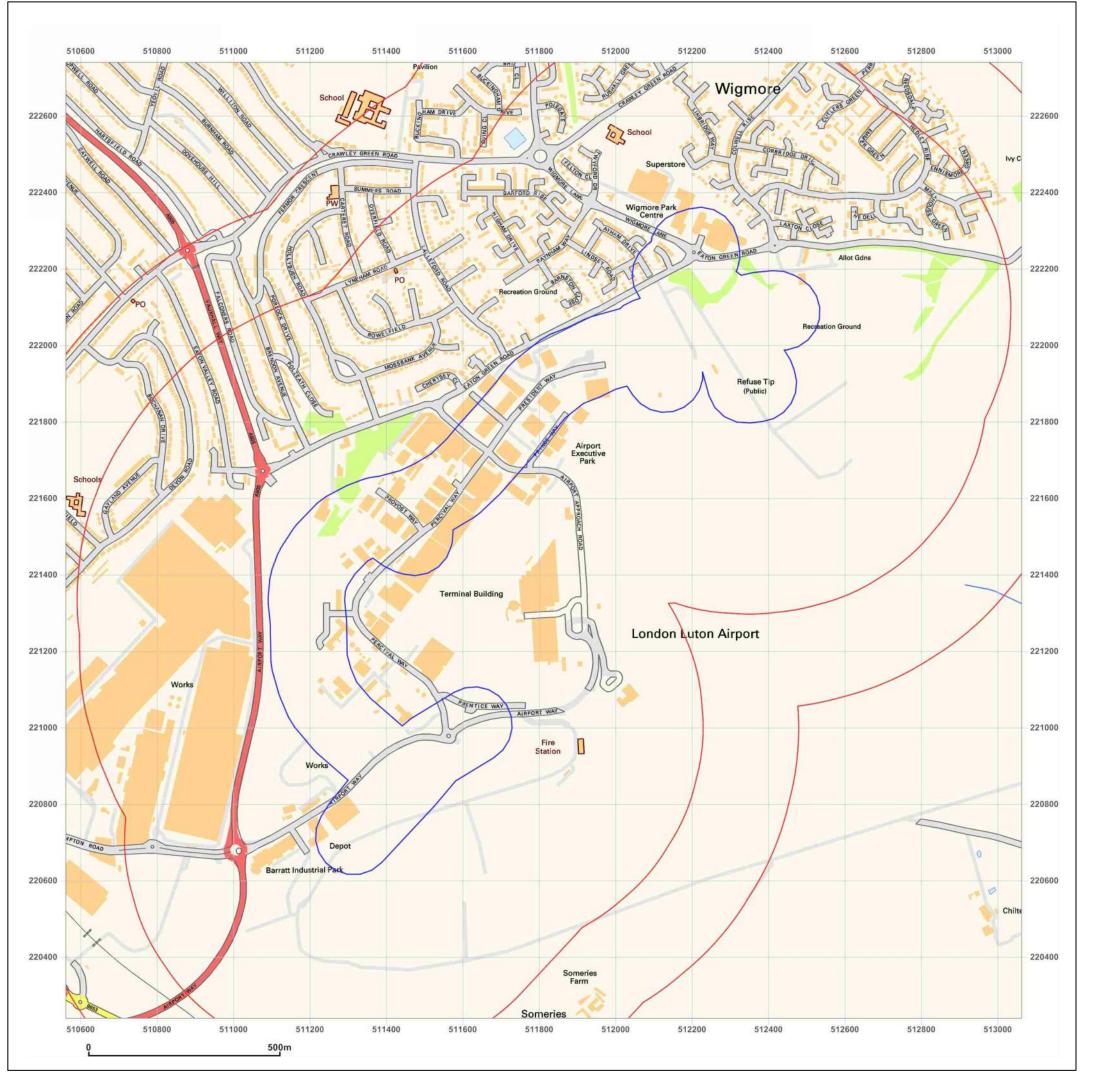




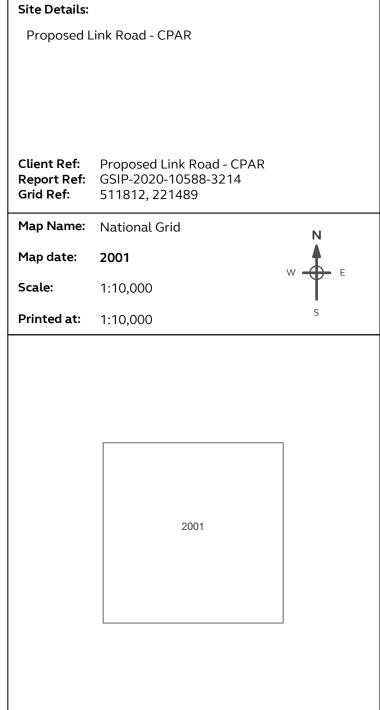


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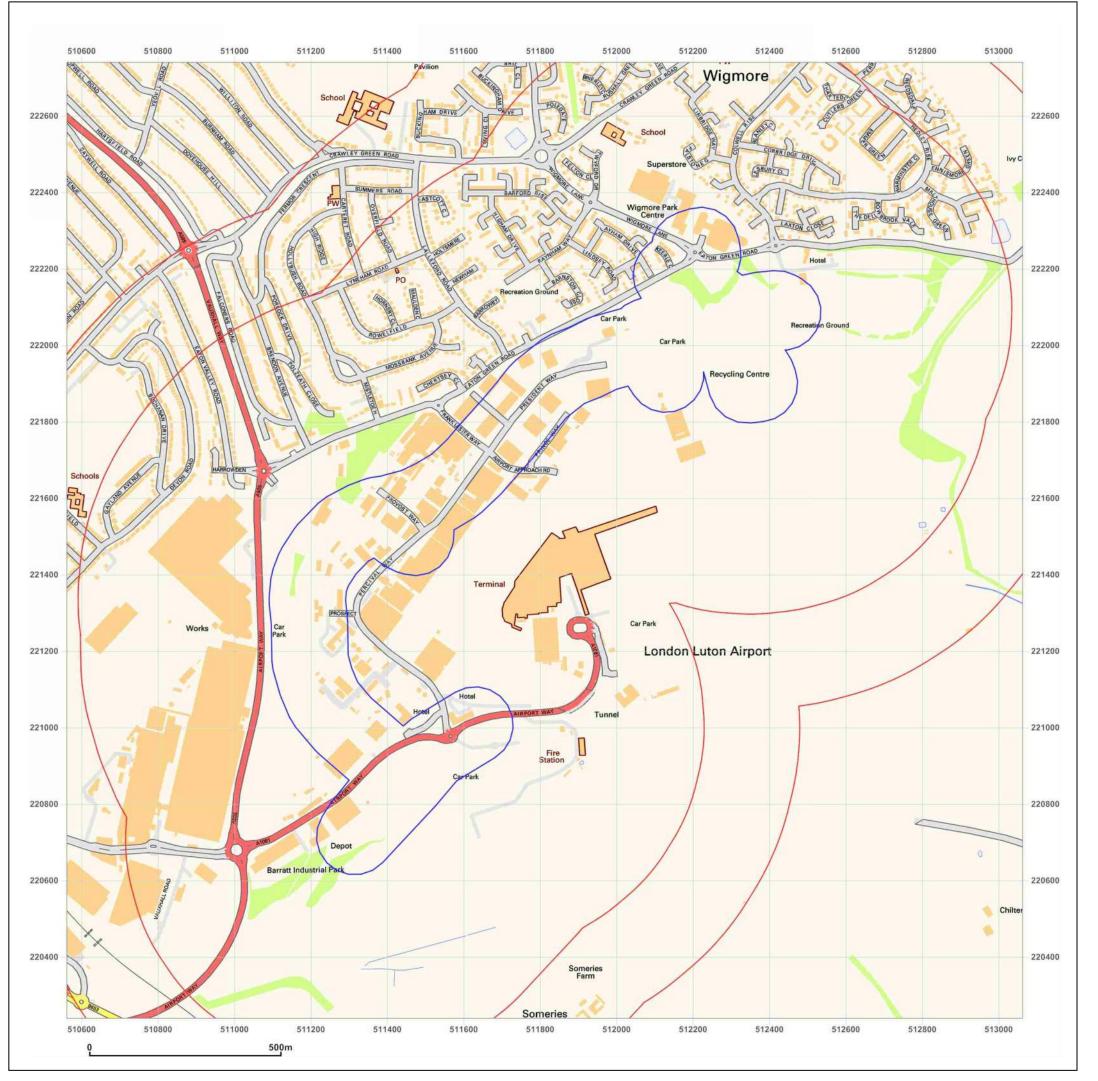




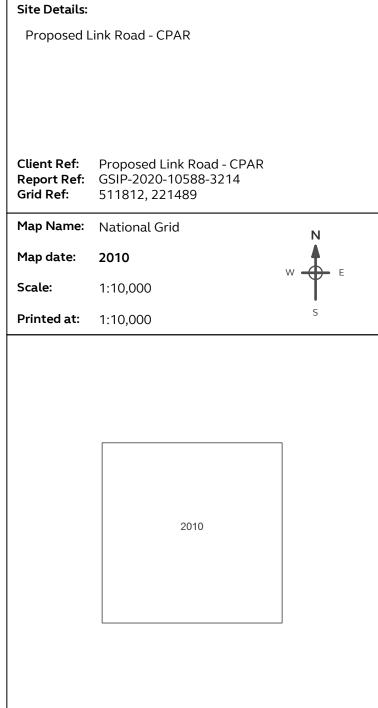


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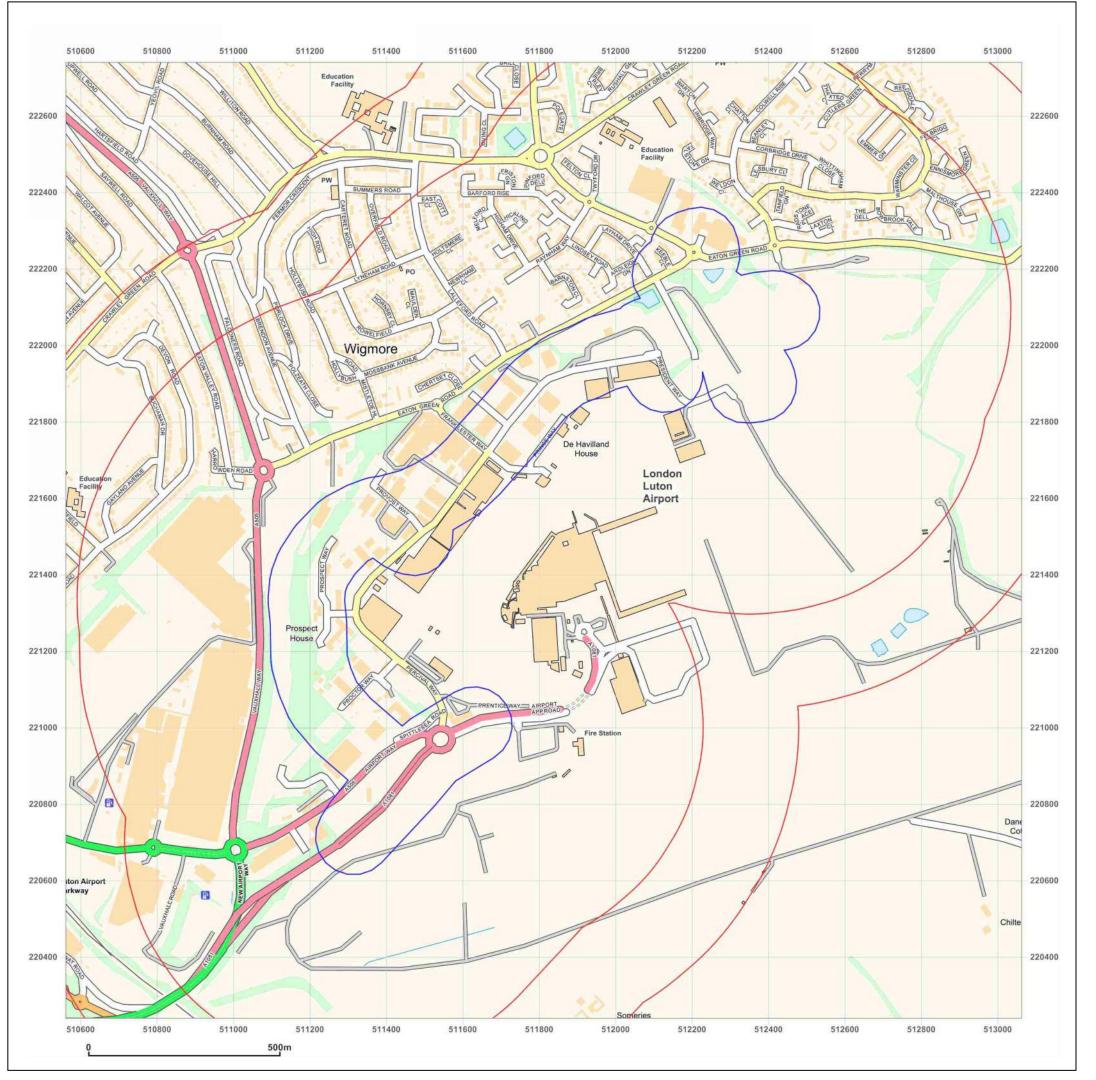




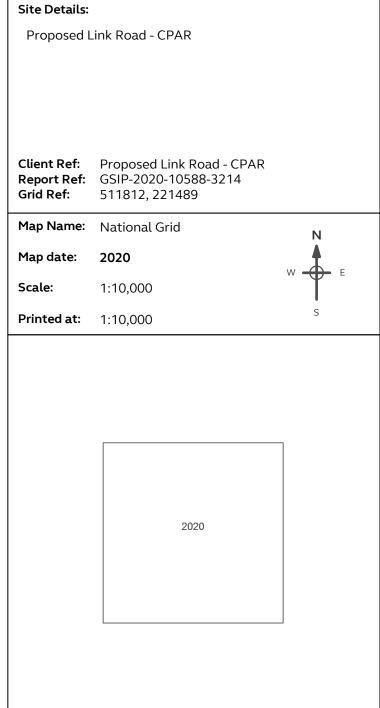


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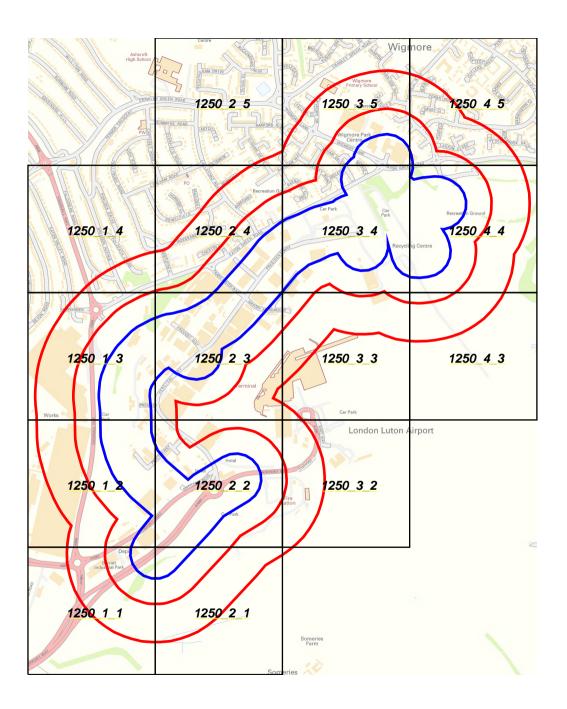






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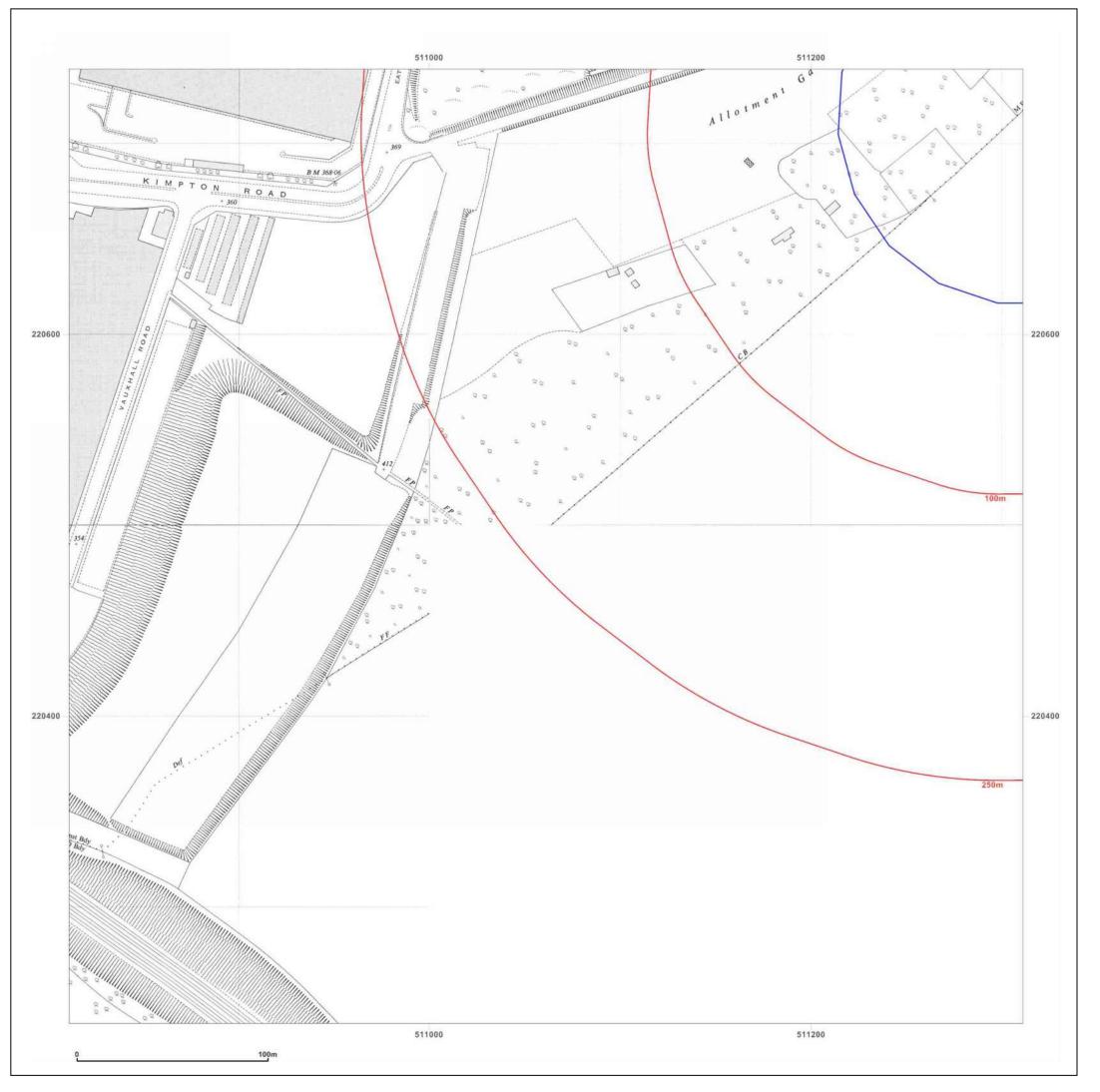
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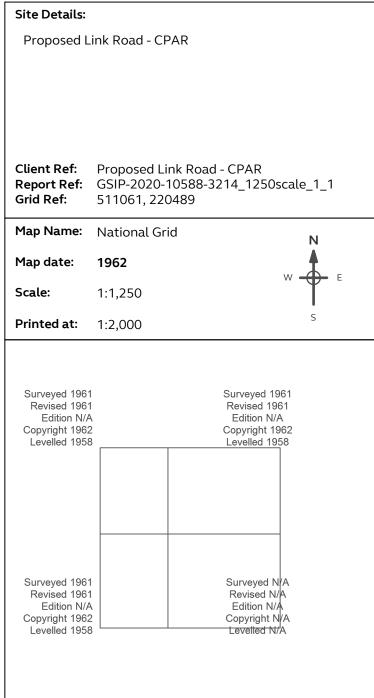




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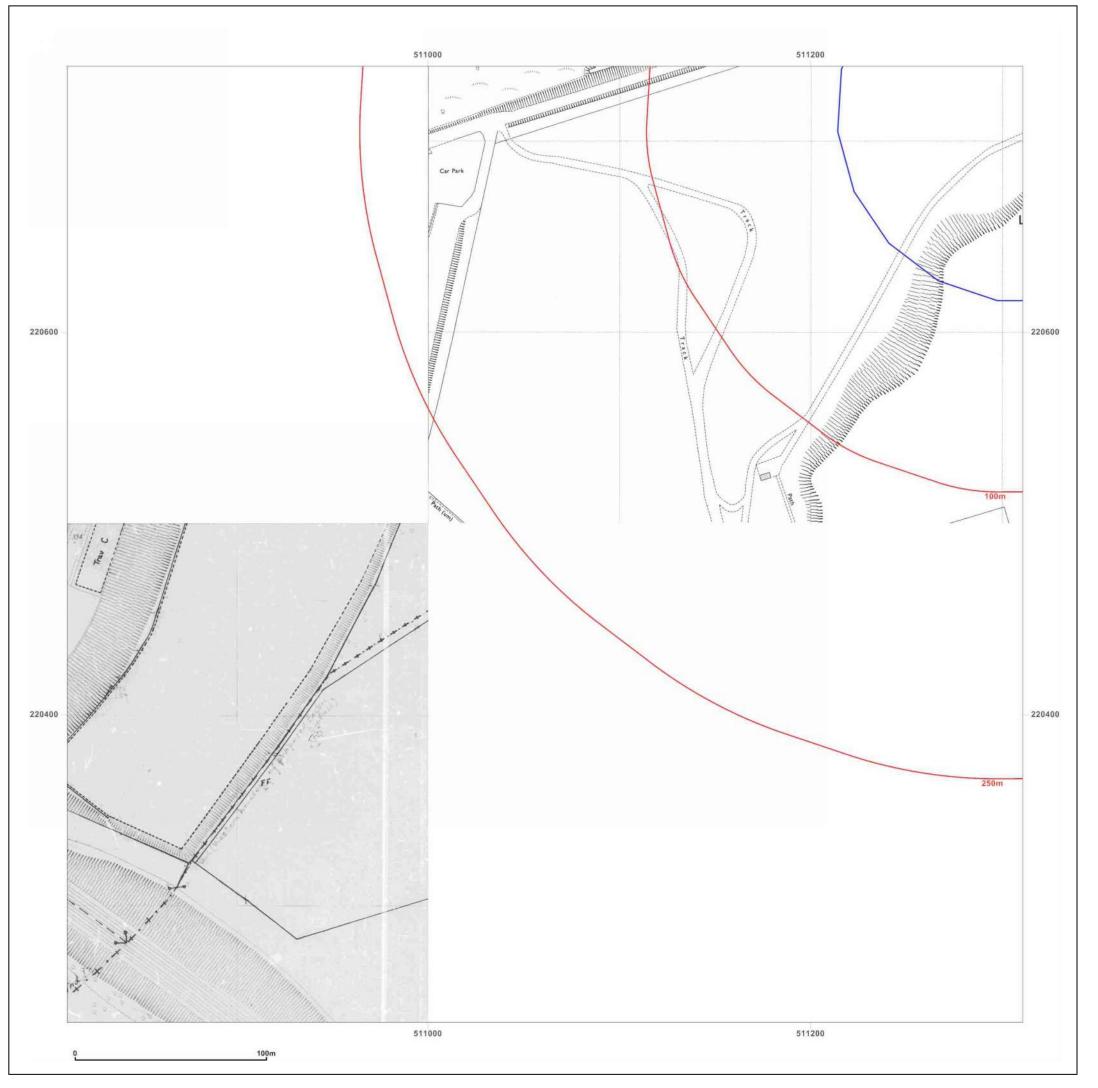






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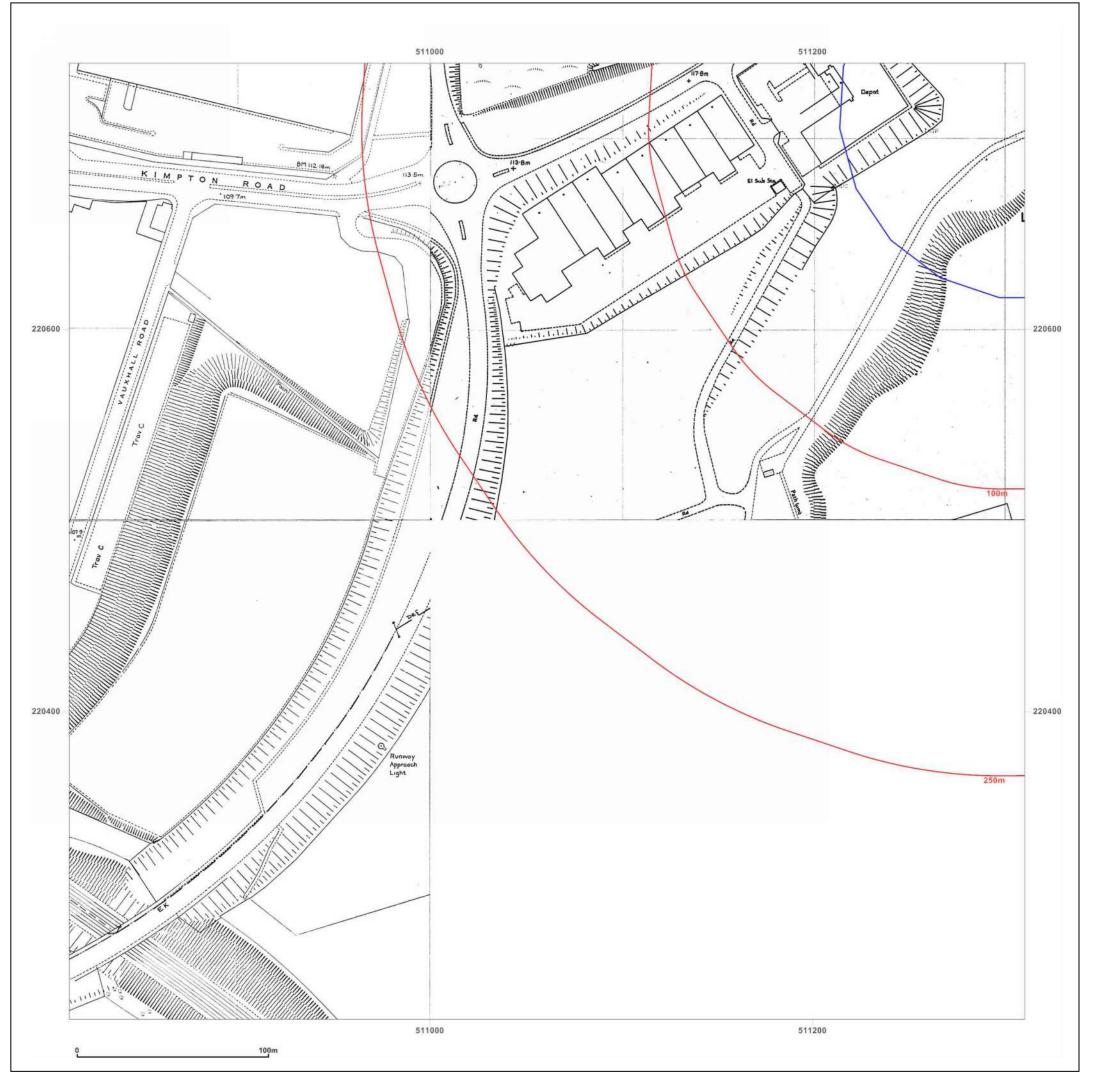


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Map date:	1973-1974		
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	Edition N/A		
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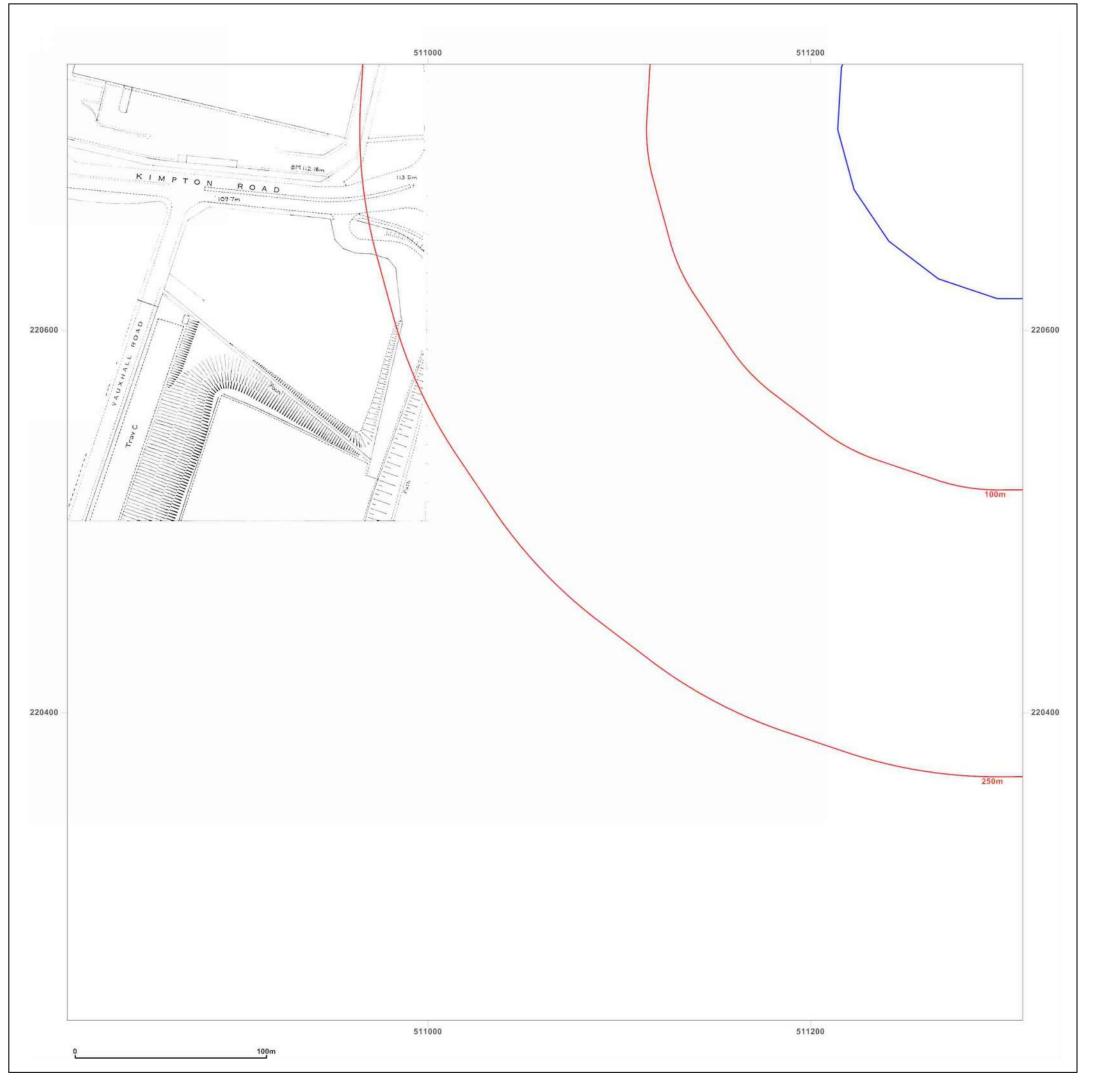


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Map date:	1984	W E
Scale:	1:1,250	W F
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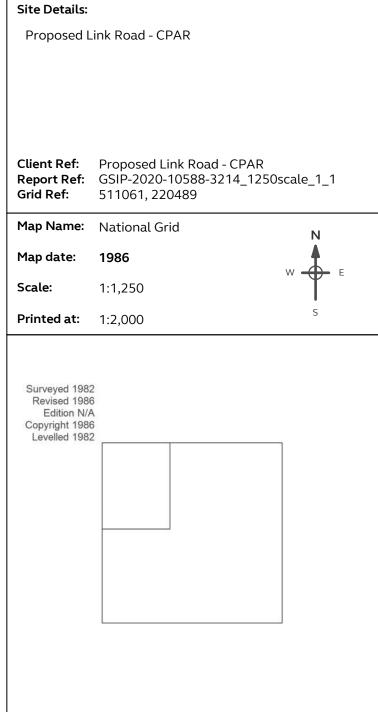


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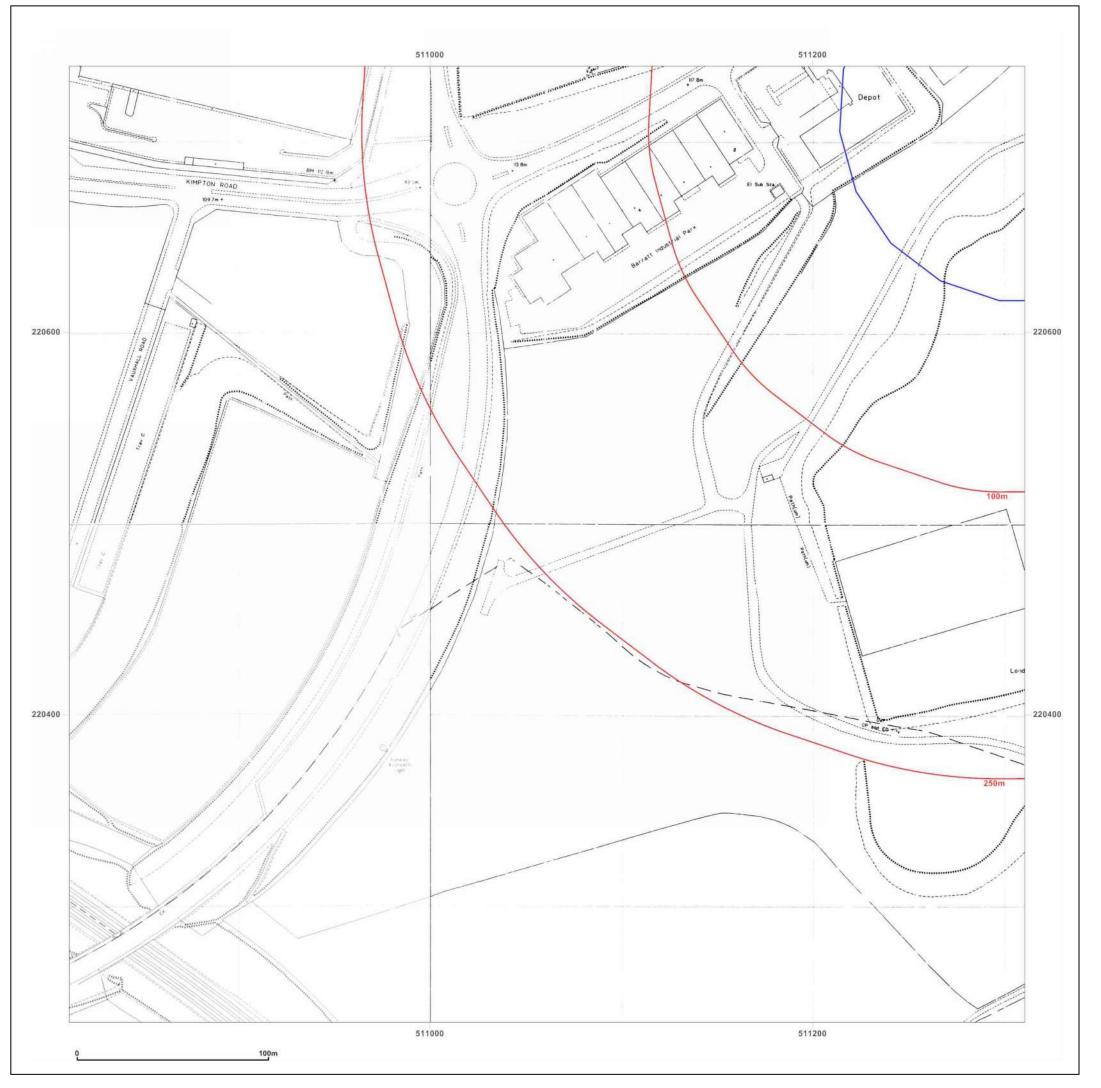




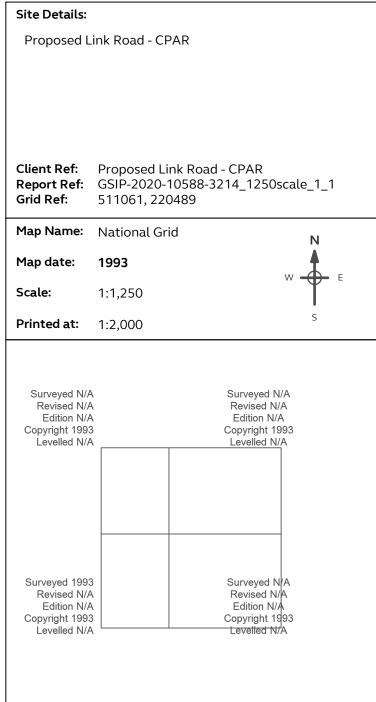


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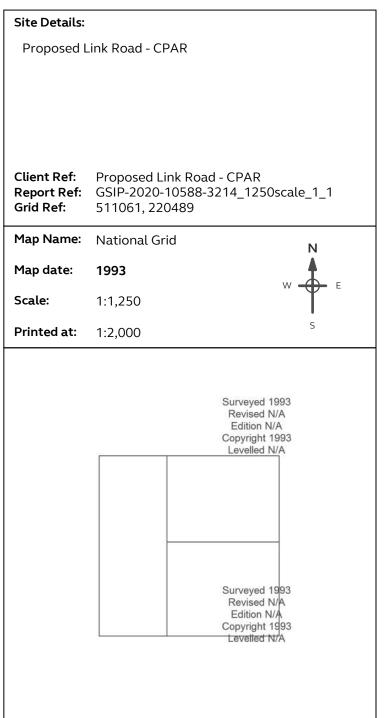


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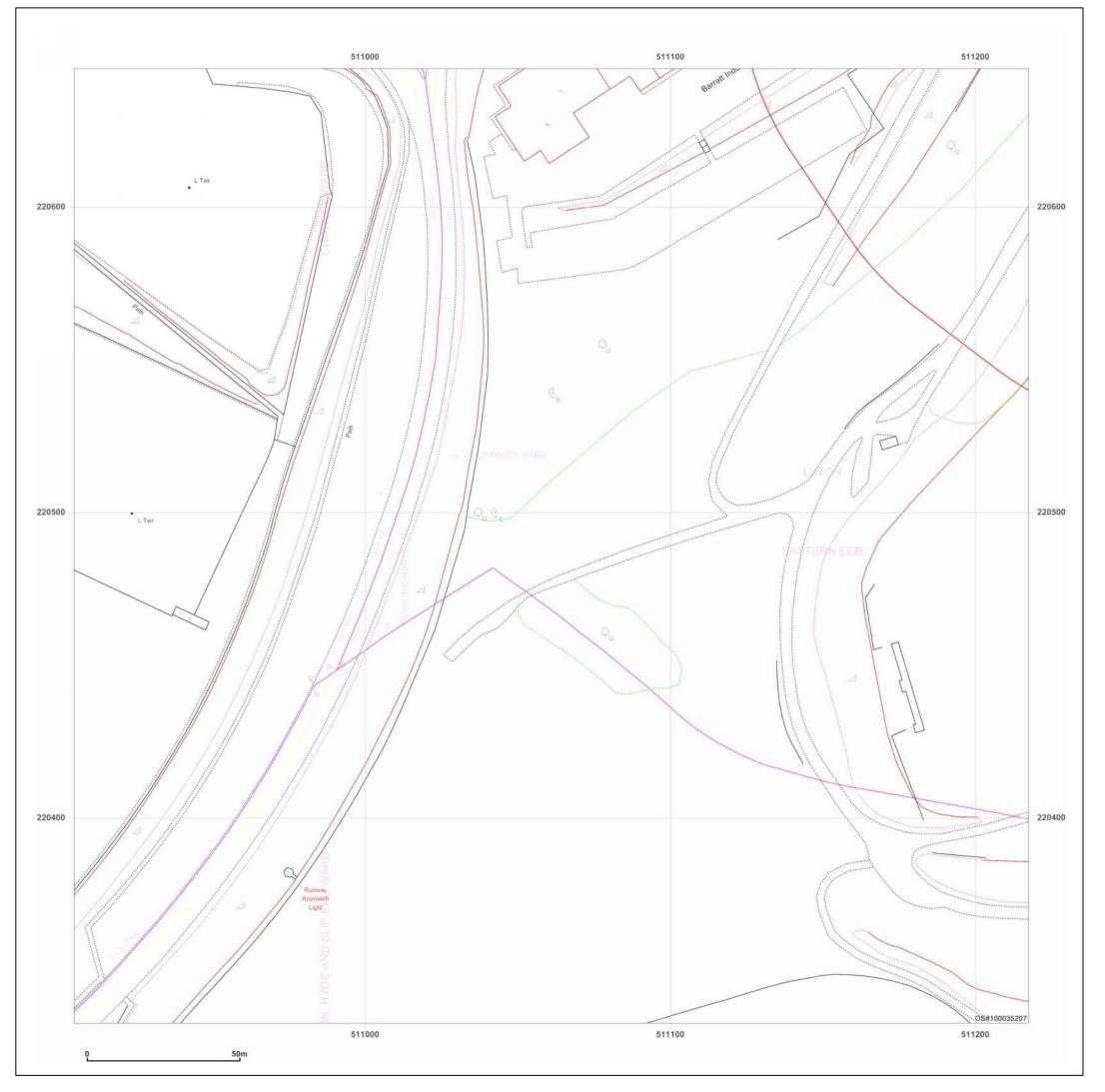




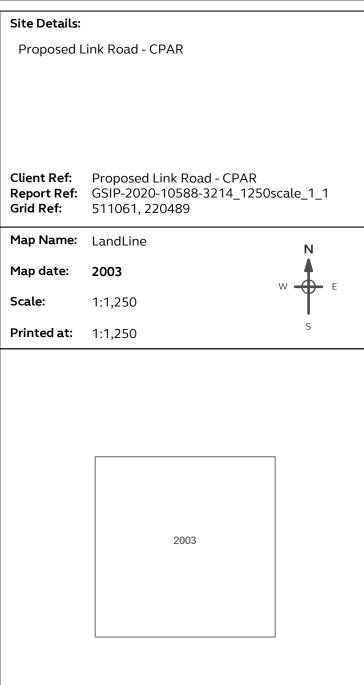


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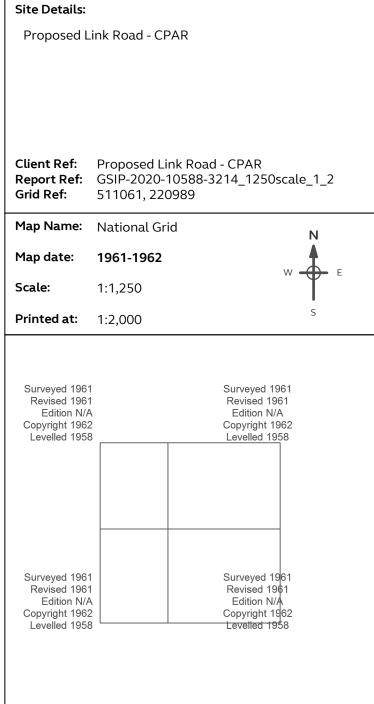


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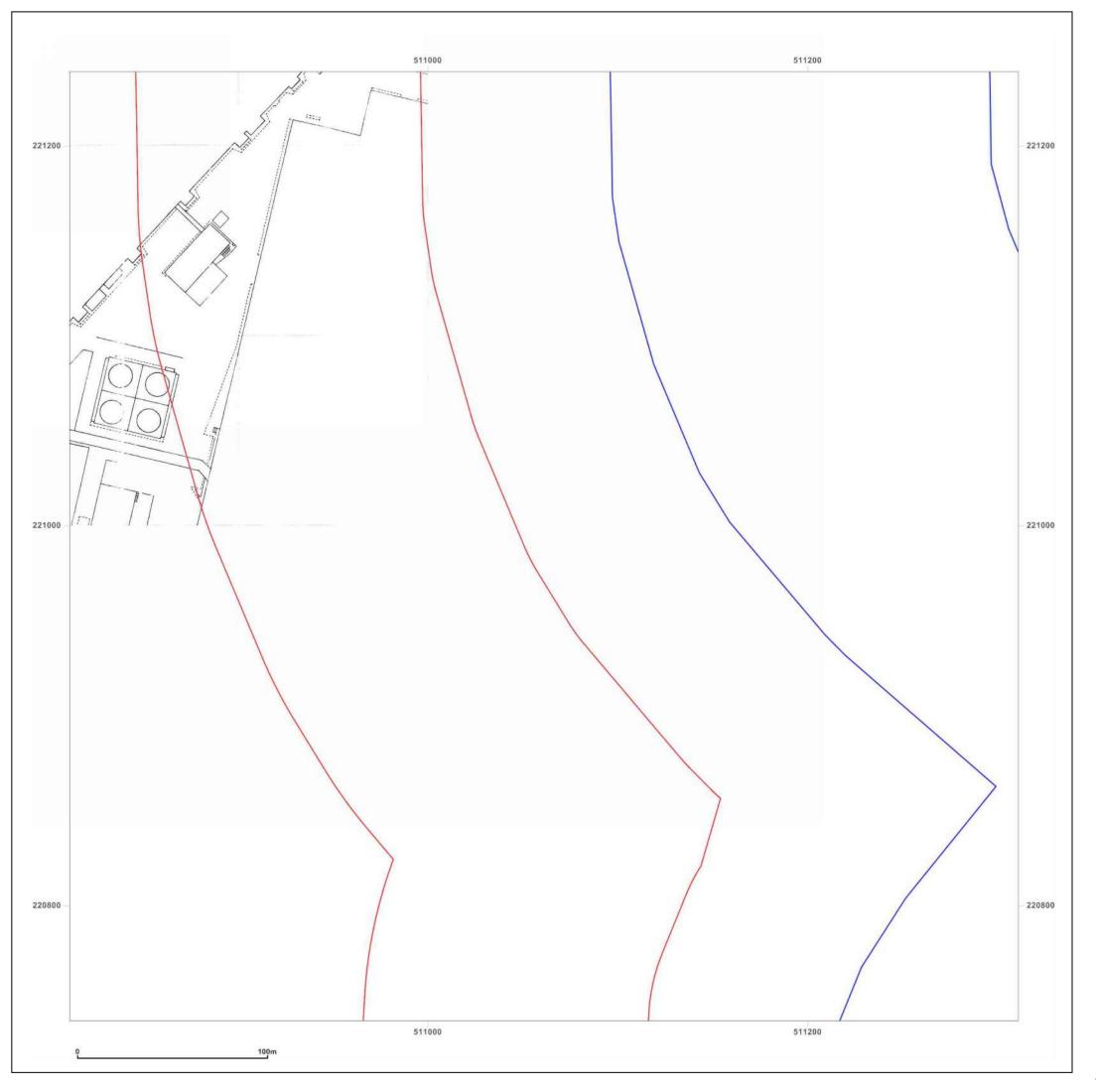




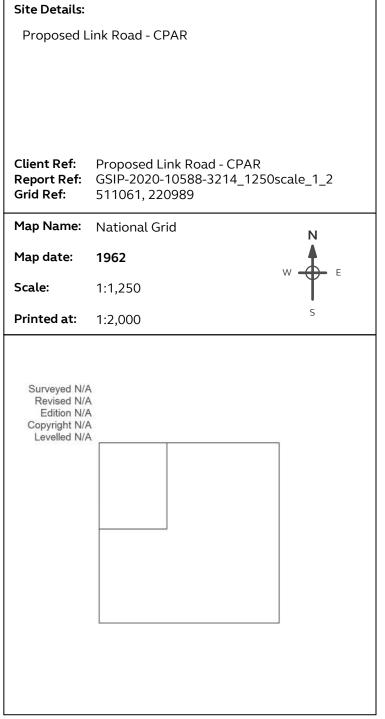


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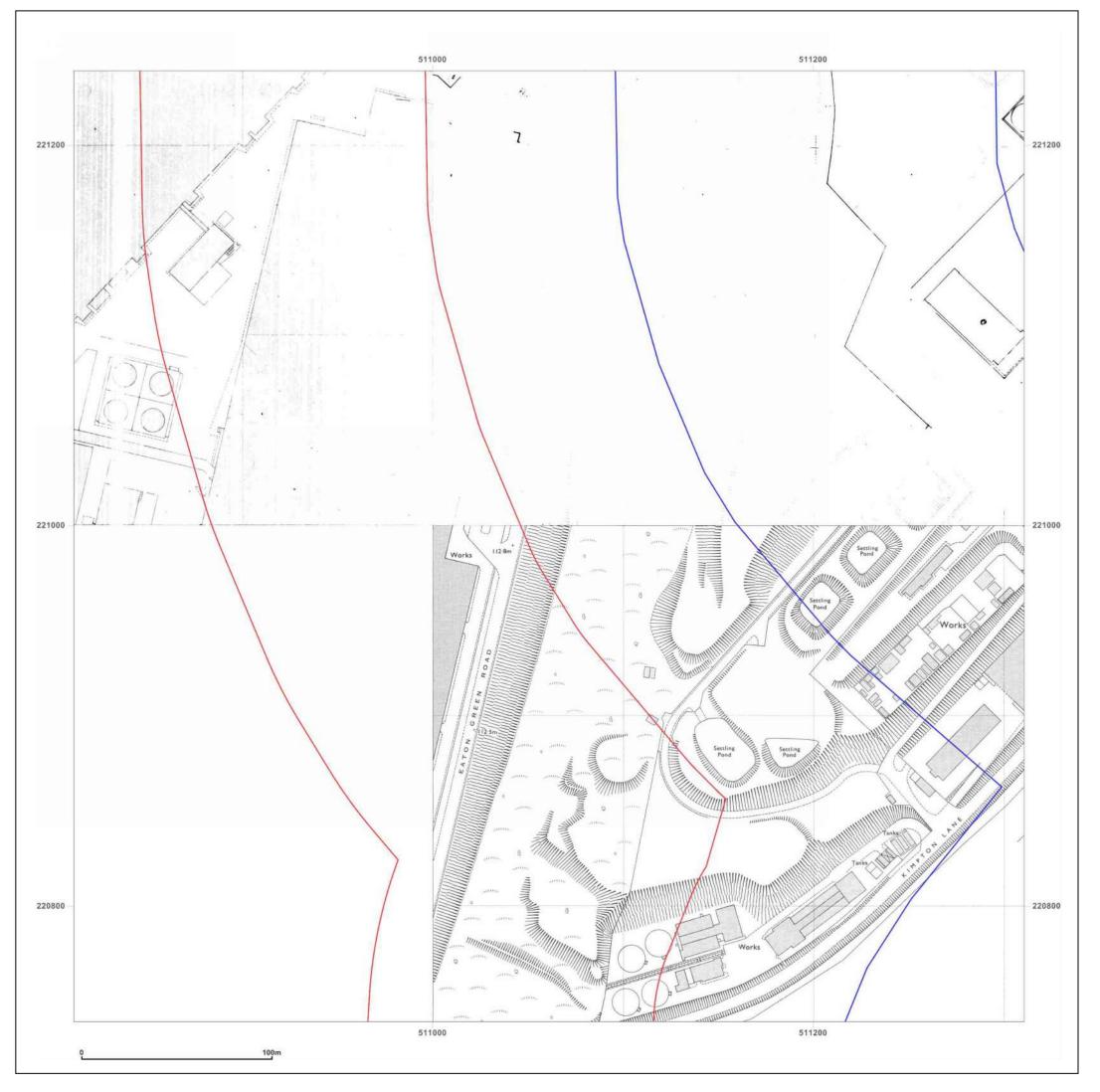




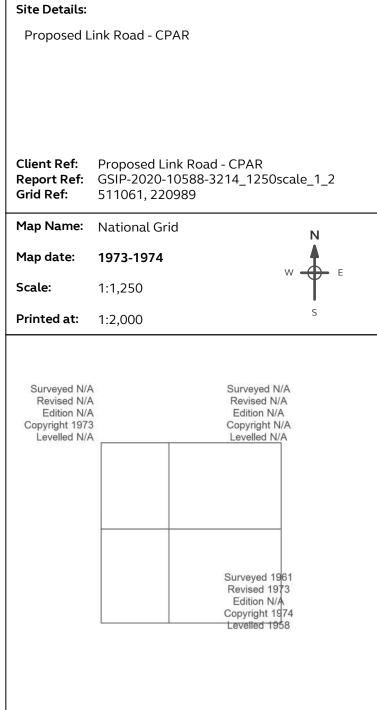


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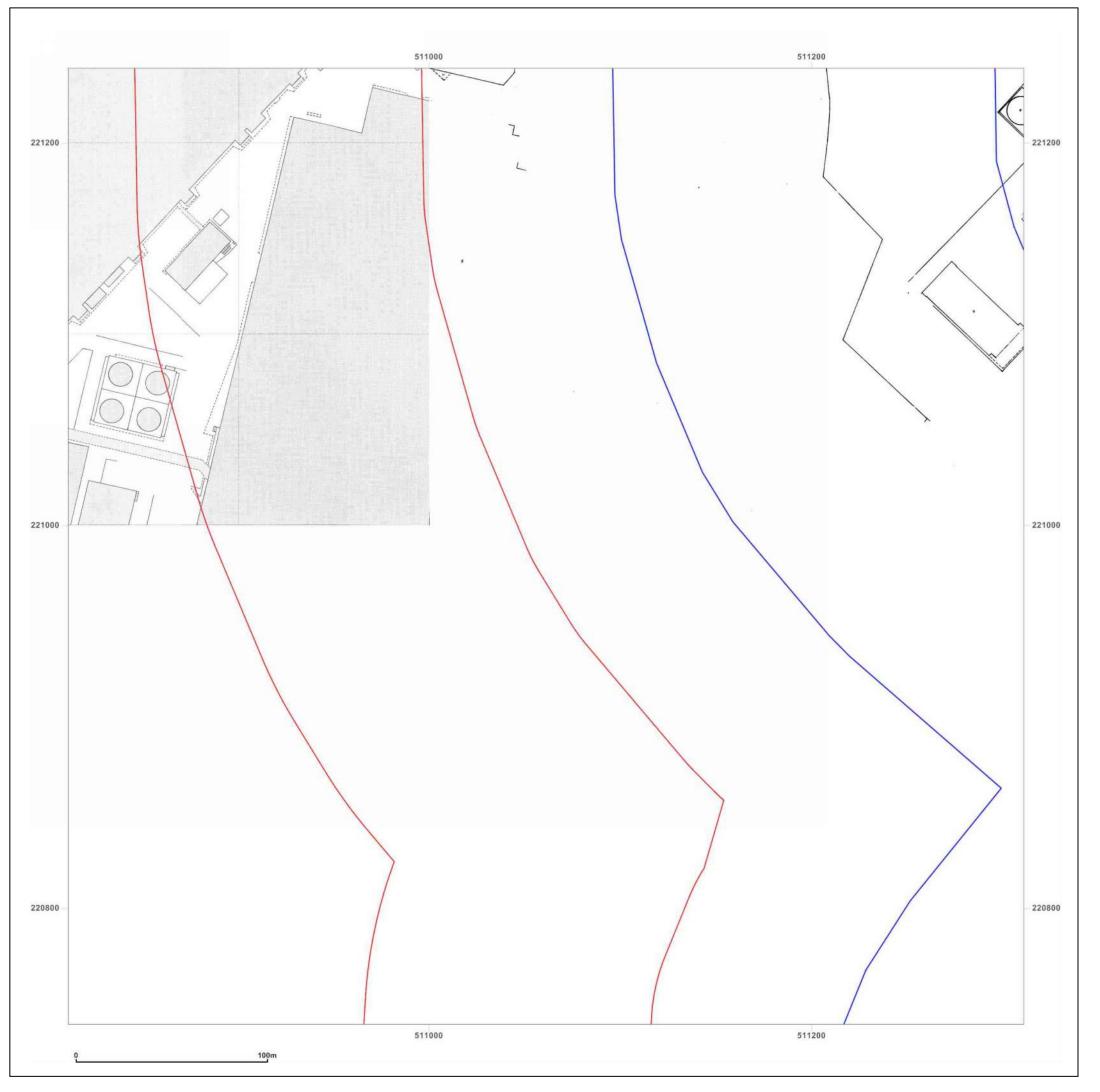




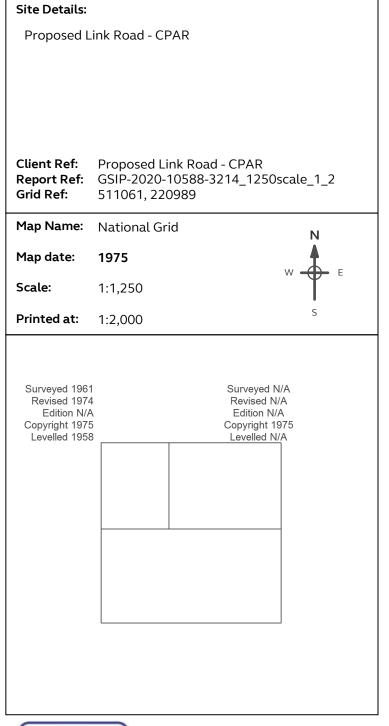


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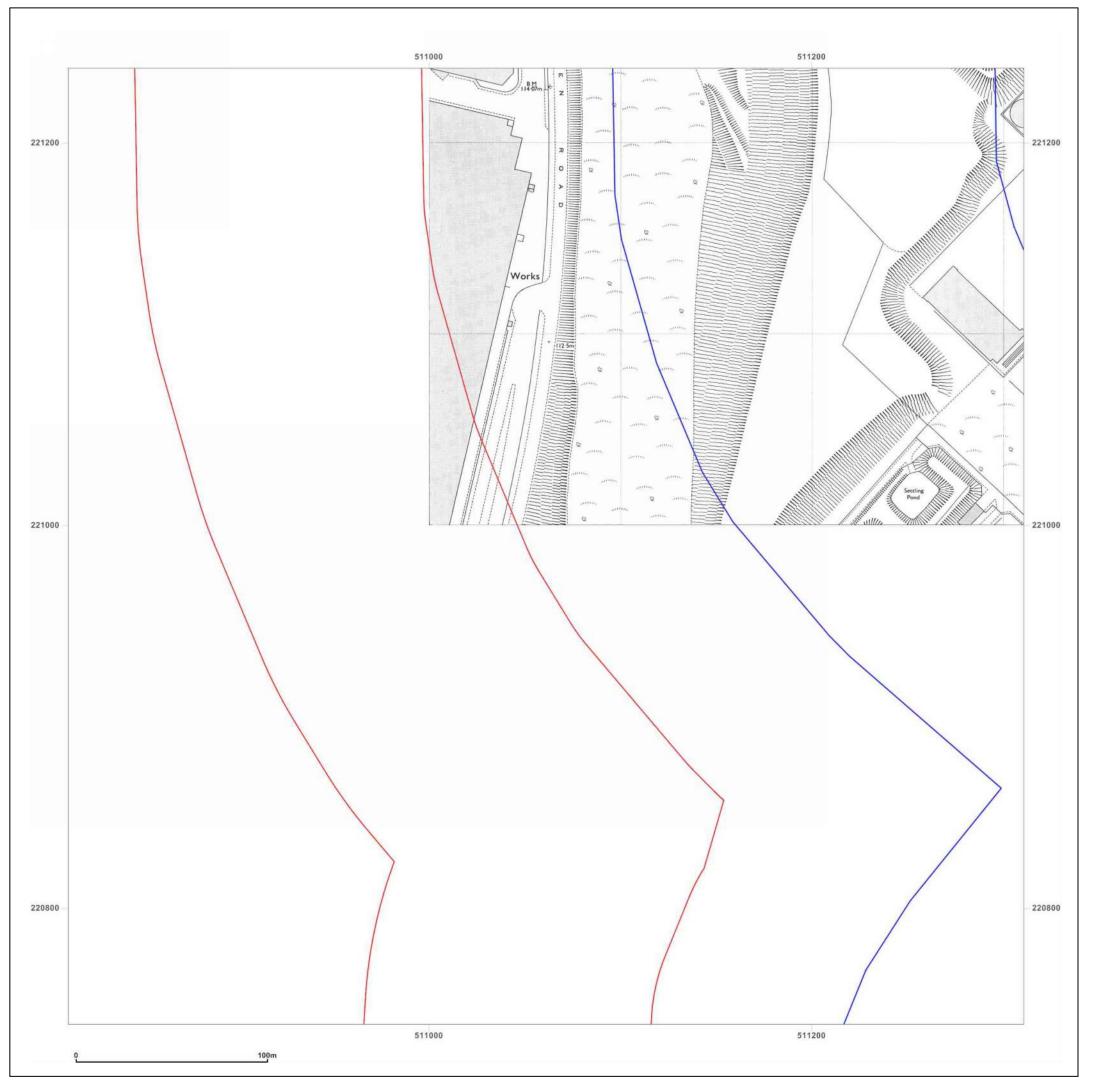






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Production date: 23 November 2020





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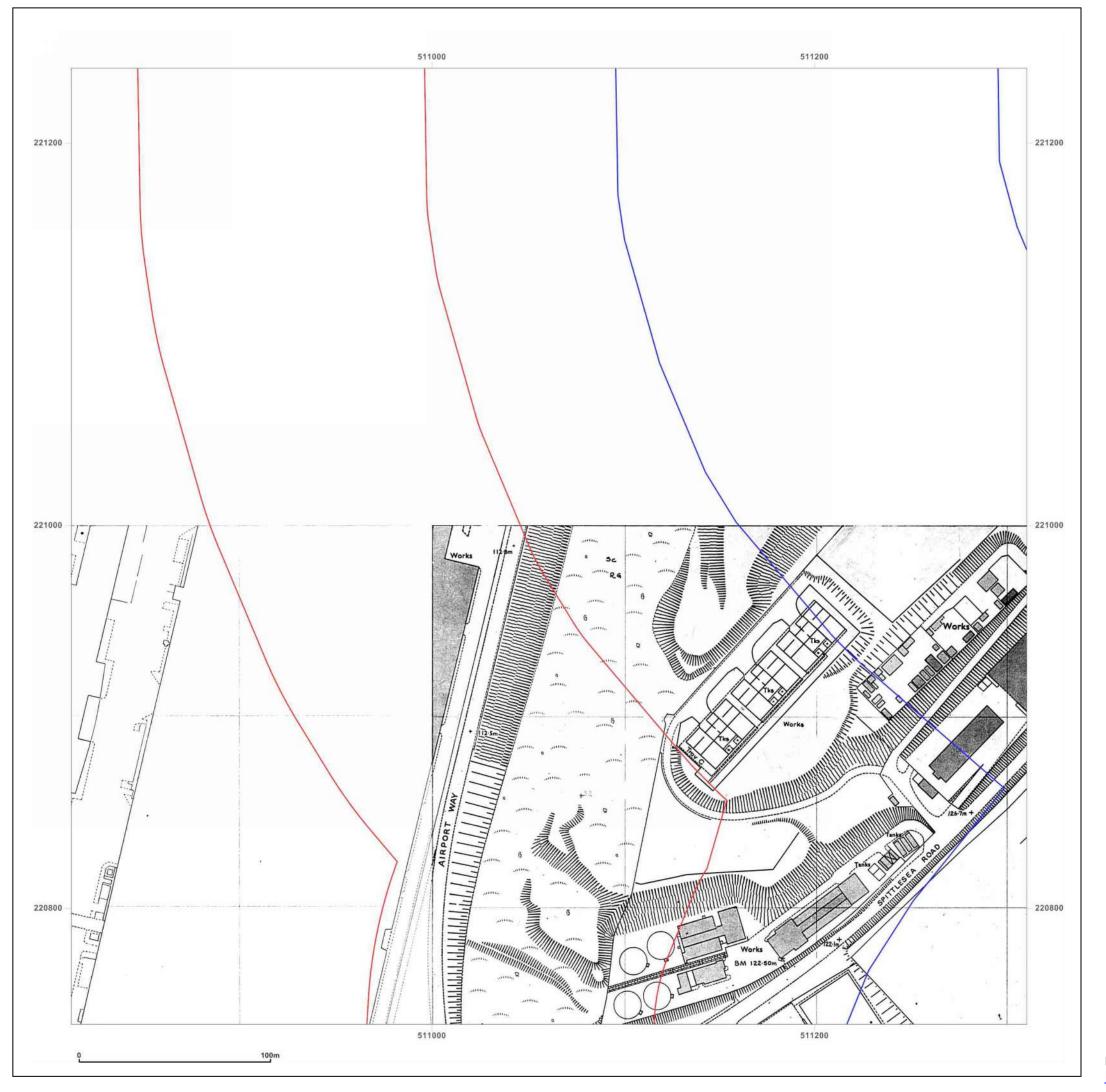
Proposed Link Road - CPAR				
GSIP-2020-1058	38-3214_1250scale_1_2			
National Grid	N			
1976	W F			
1:1,250	W T			
1:2,000	S			
	Surveyed 1961 Revised 1975 Edition N/A Copyright 1976 Levelled 1958			
	511061, 220989 National Grid 1976 1:1,250			



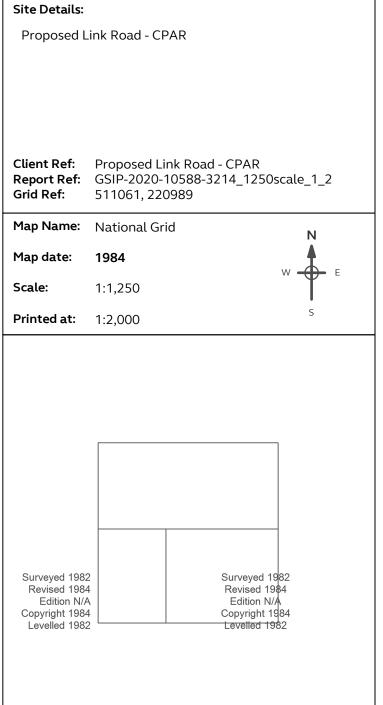
Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
[REDACTED]

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Production date: 23 November 2020



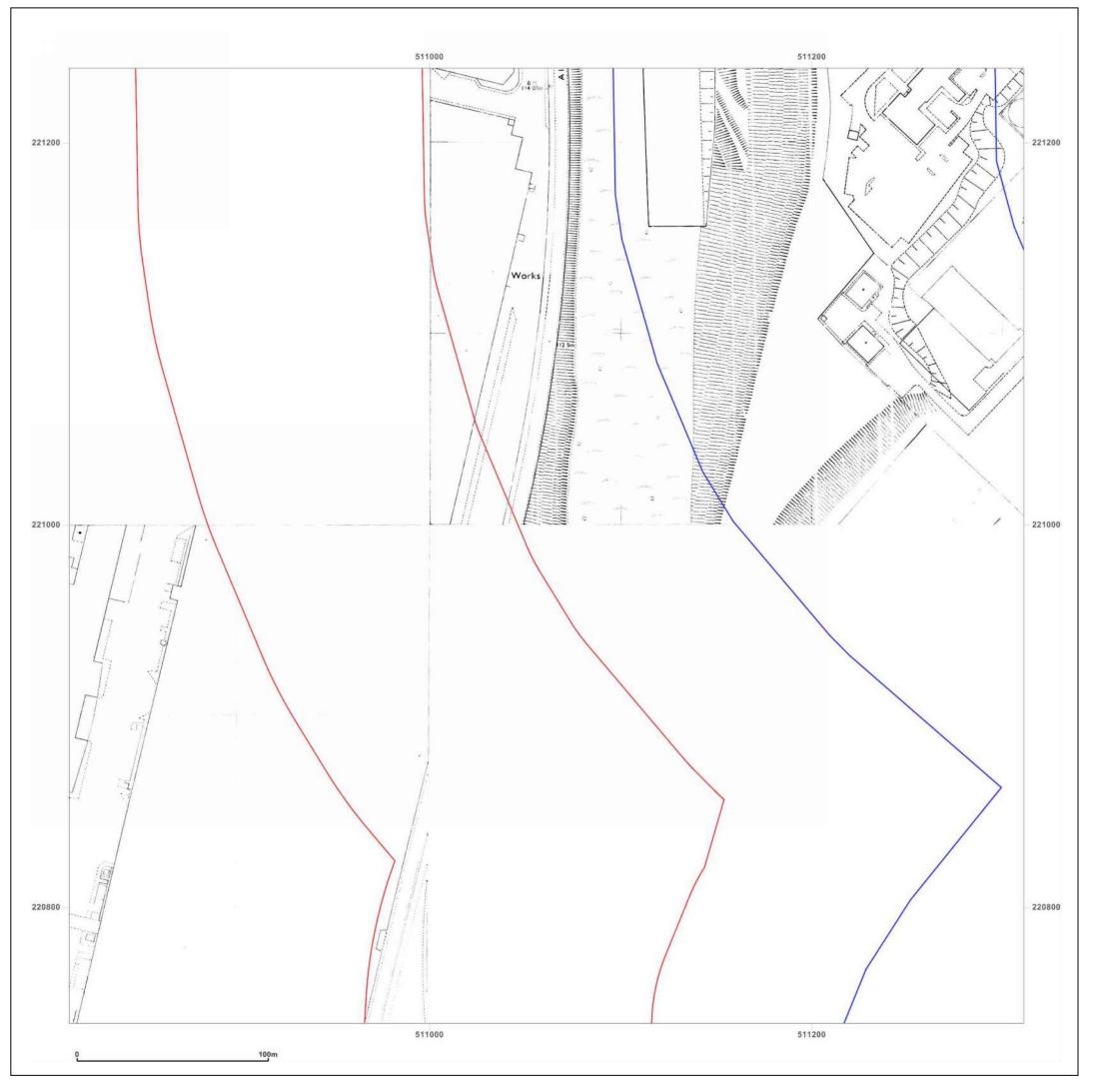






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Production date: 23 November 2020





Site Details:

Proposed Link Road - CPAR		
Client Ref: Report Ref: Grid Ref:	Proposed Link Road - CPA GSIP-2020-10588-3214_ 511061, 220989	
Map Name:	National Grid	N
Map date:	1986-1991	W E
Scale:	1:1,250	··
Printed at:	1:2,000	S
	Revi Edit Copyi	eyed N/A ised N/A tion N/A right 1991 elled N/A
Surveyed 1982 Revised 1986 Edition N// Copyright 1986 Levelled 1982	6 A 6	



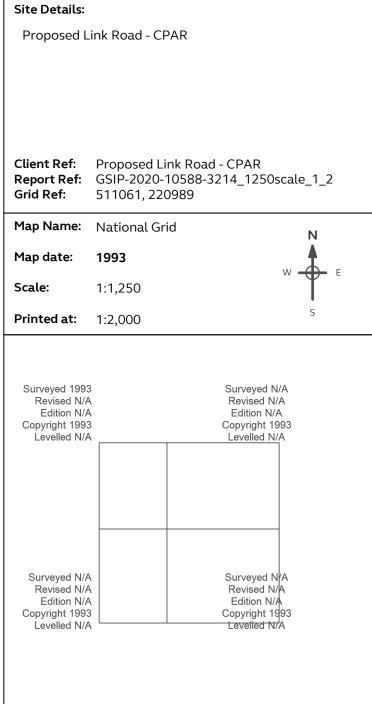
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Groundsure Insights
T: 08444 159000
E: info@groundsure.com
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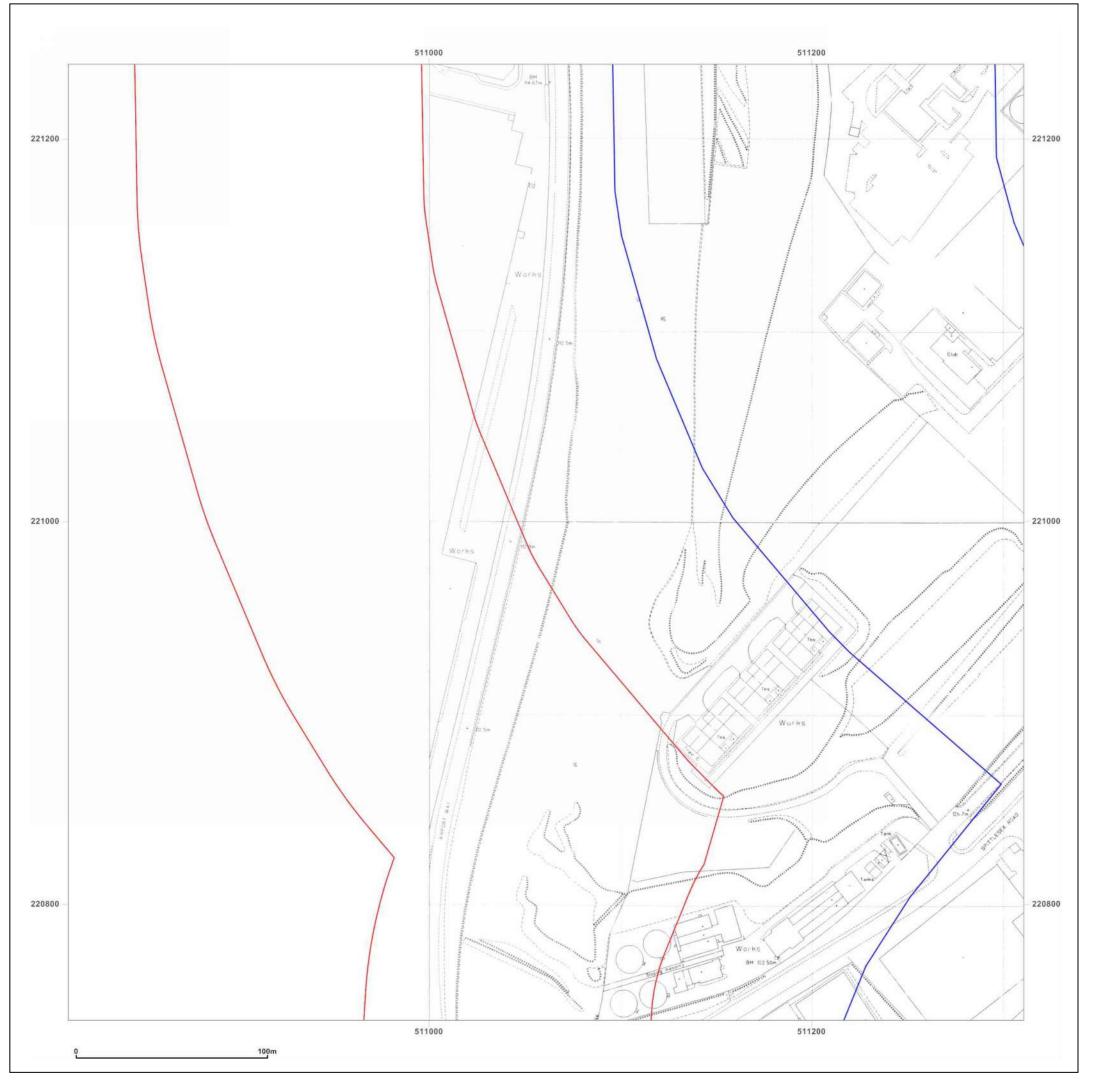




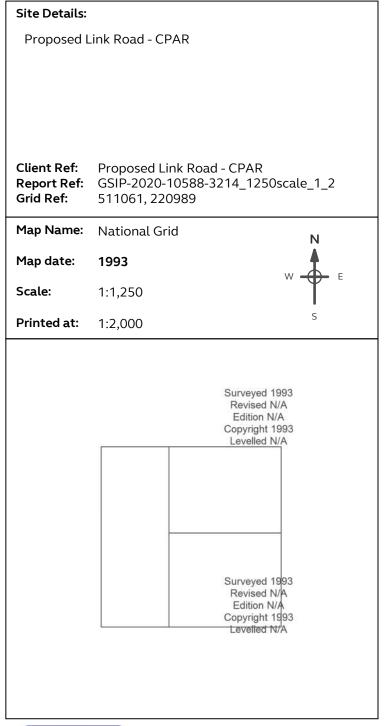


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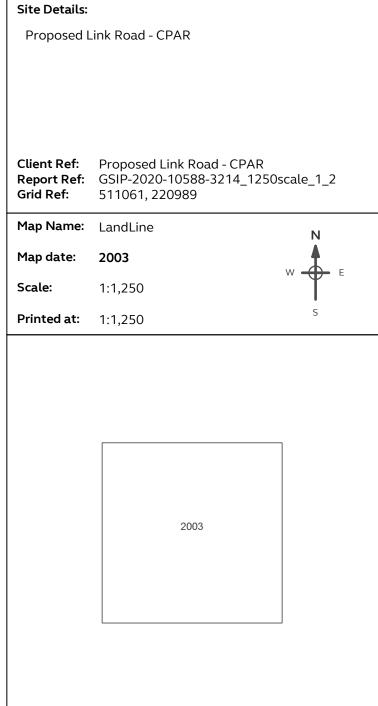


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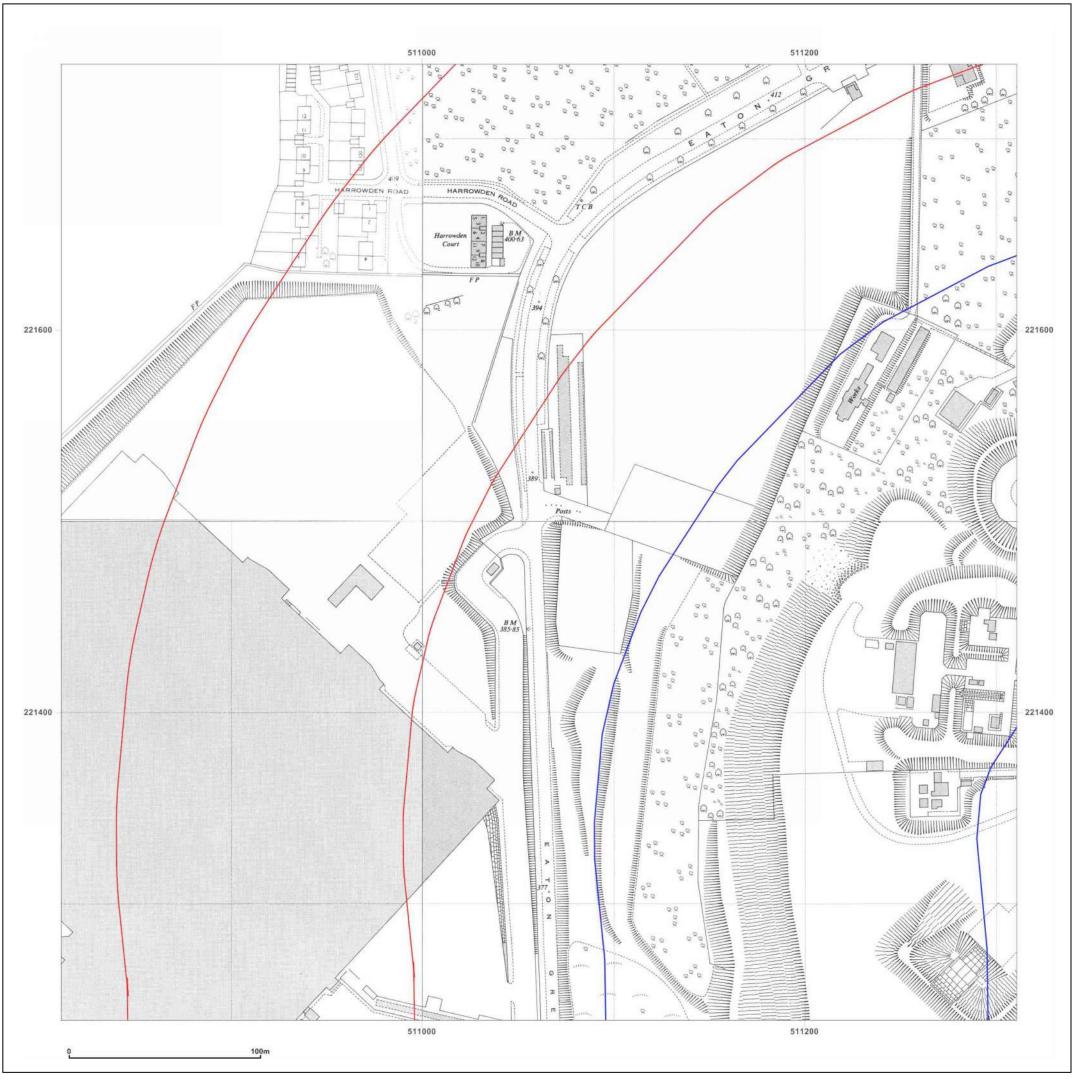




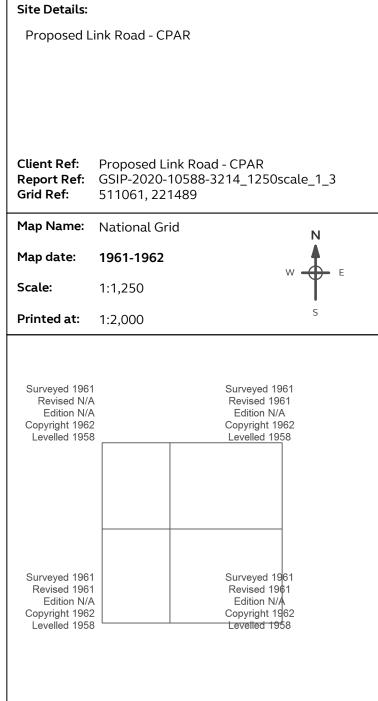


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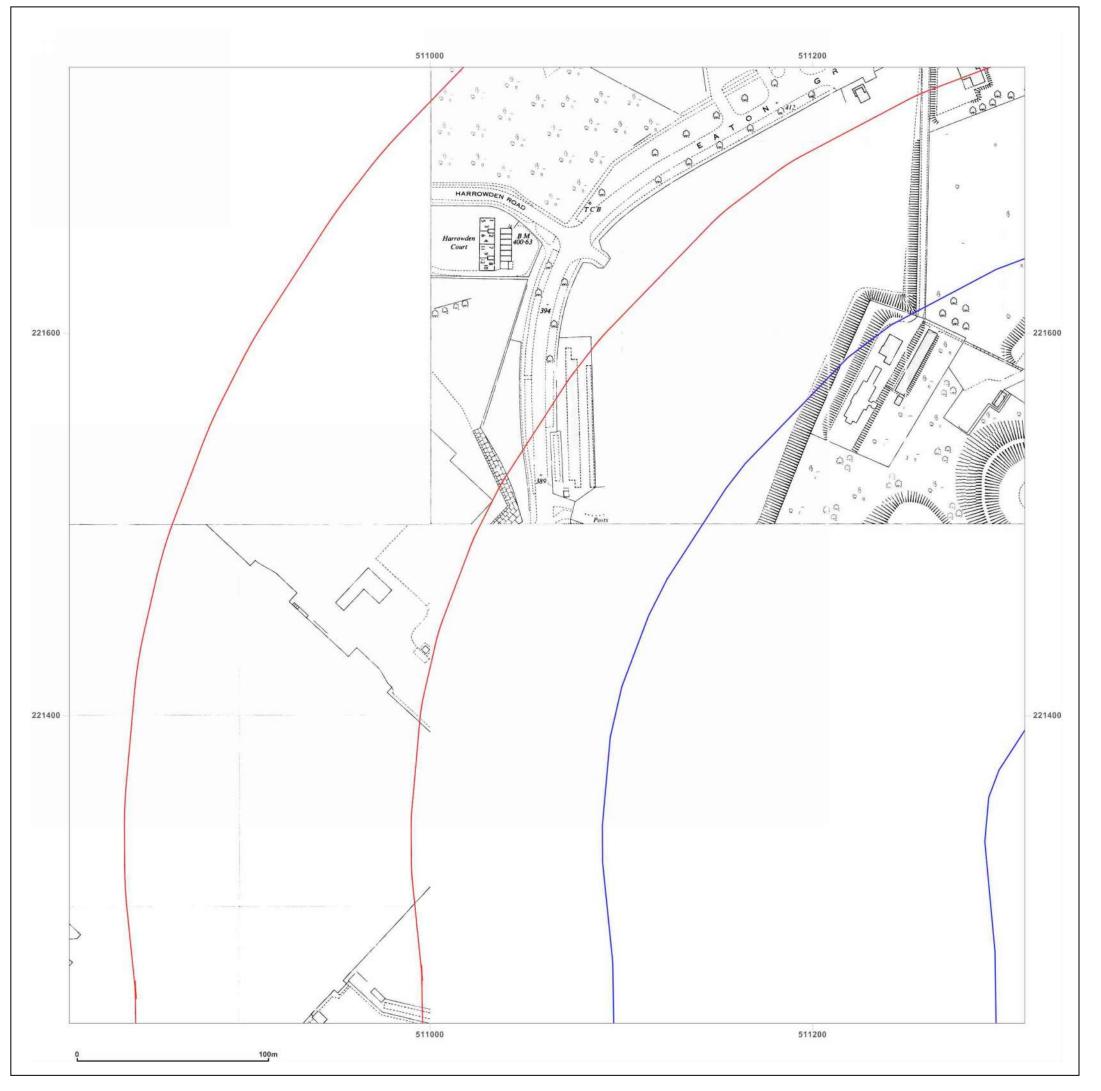






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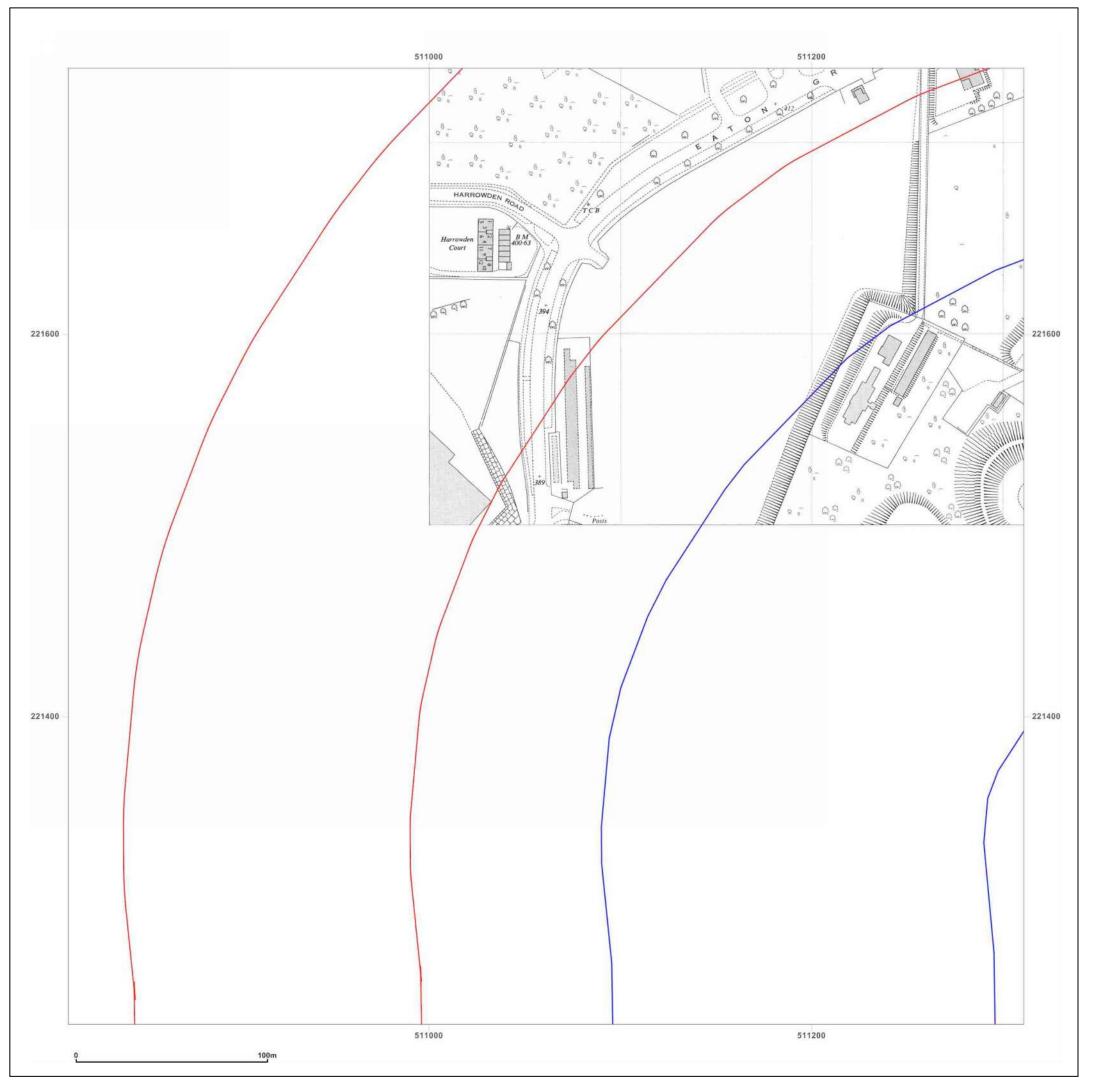
Proposed L	ink Road - CPAR	
Client Ref: Report Ref: Grid Ref:	Proposed Link Road - CPAR GSIP-2020-10588-3214_1250scale_1_3 511061, 221489	
Map Name:	National Grid N	
Map date:	1962-1966	
Scale:	1:1,250	
Printed at:	1:2,000 S	
Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A		



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Site Details:				
Proposed Link Road - CPAR				
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Map Name:	National Grid N			
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Scale:	1:1,250			
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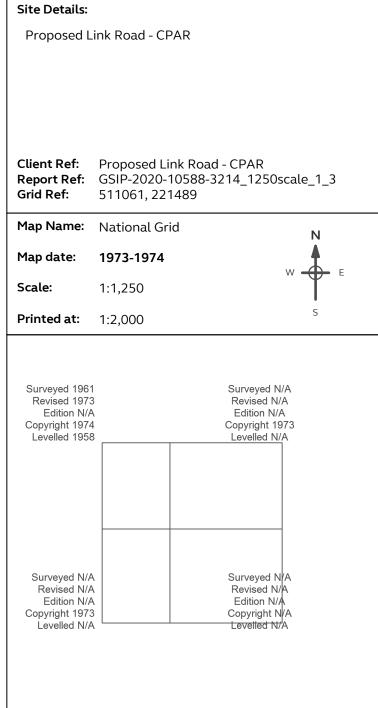


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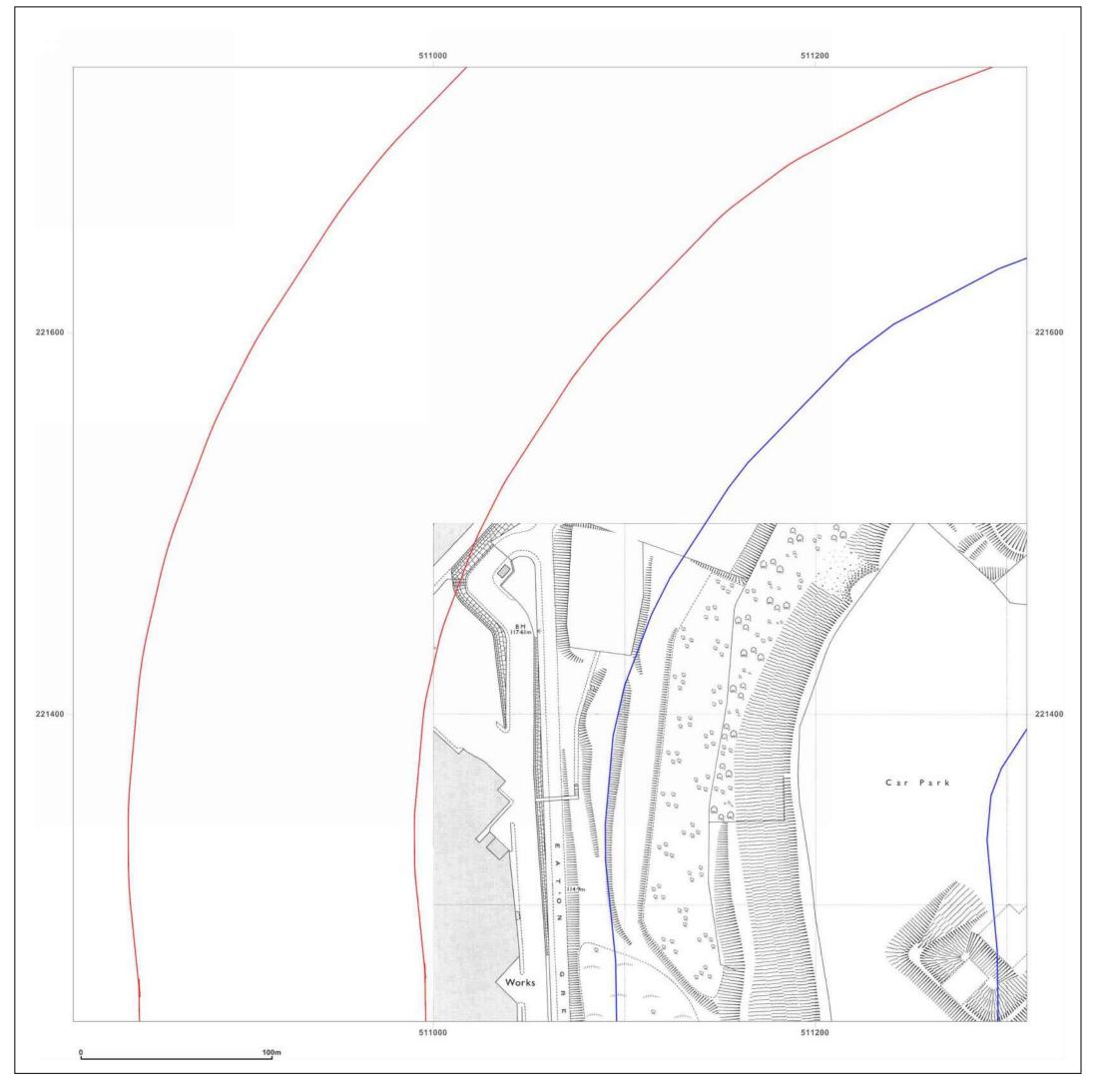




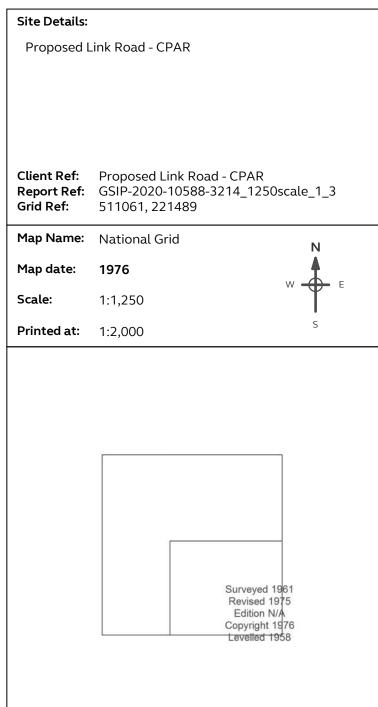


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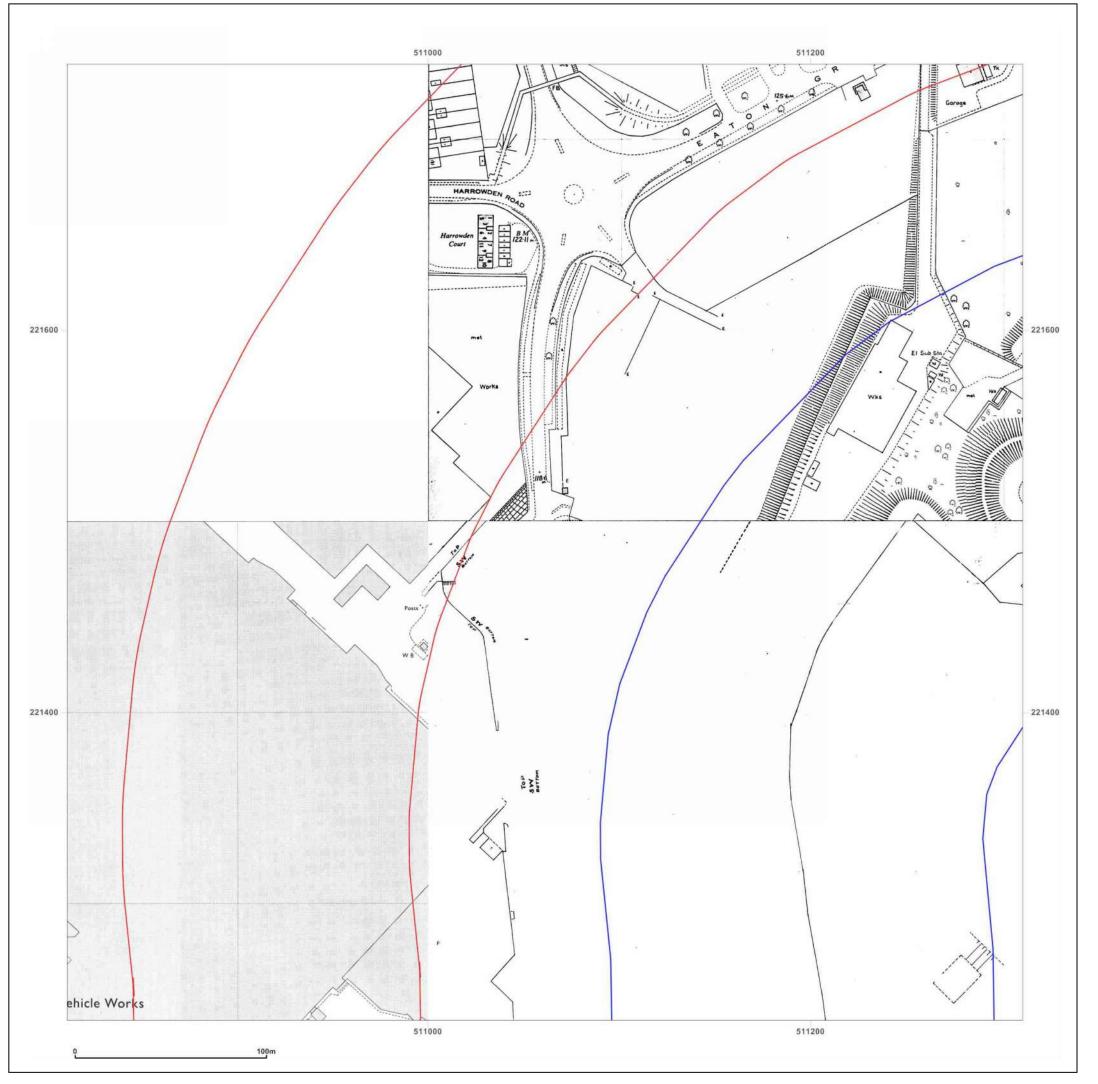




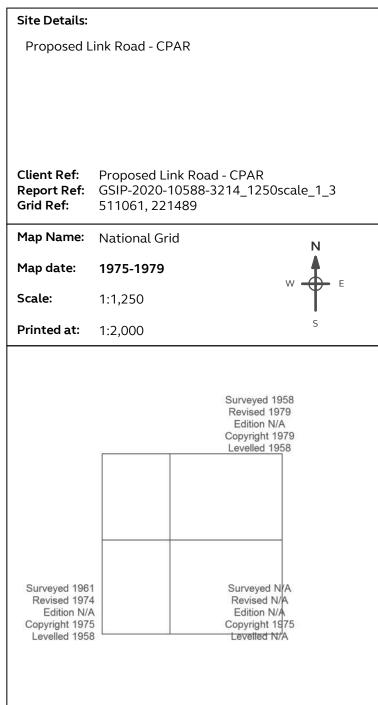


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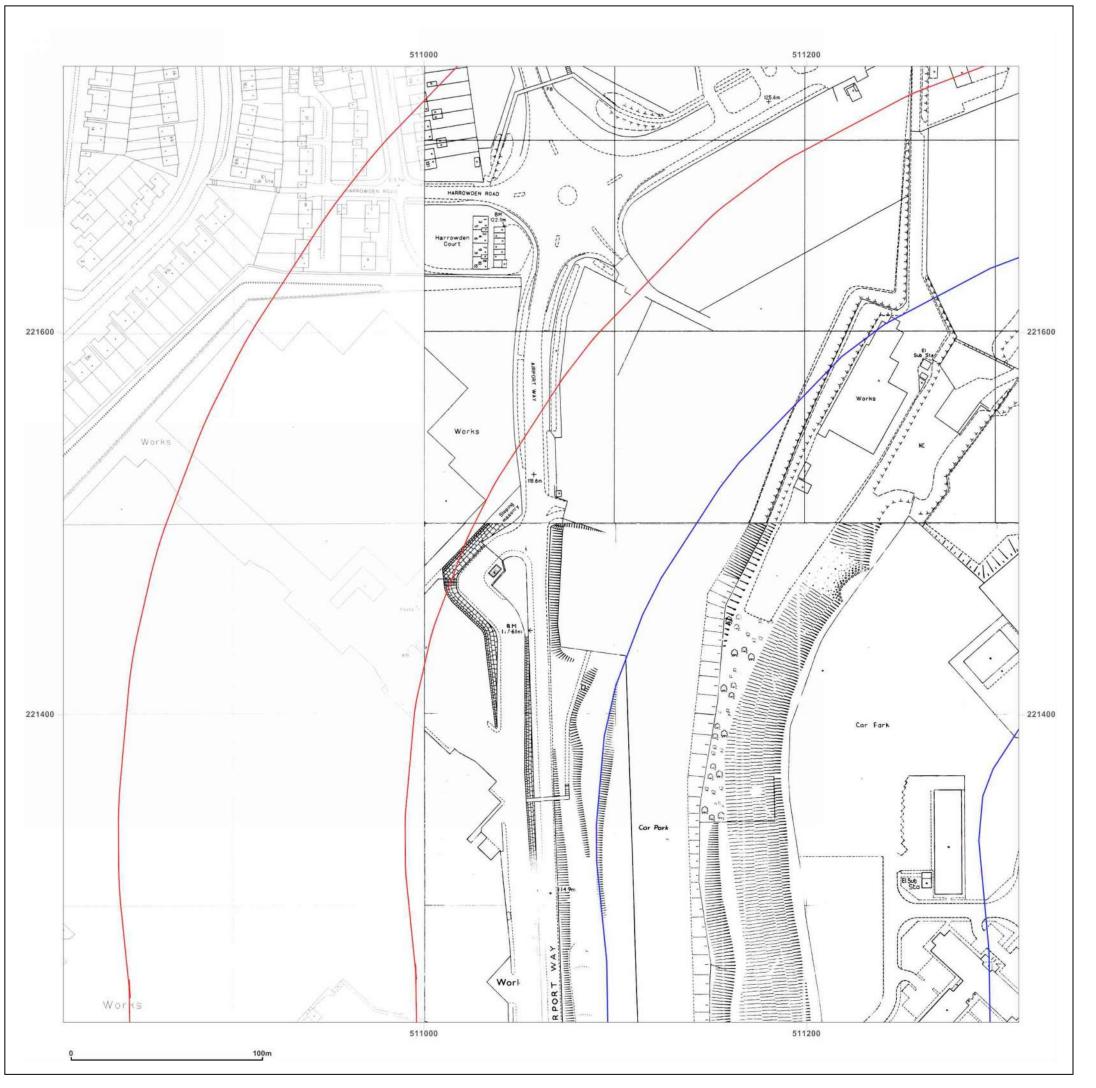




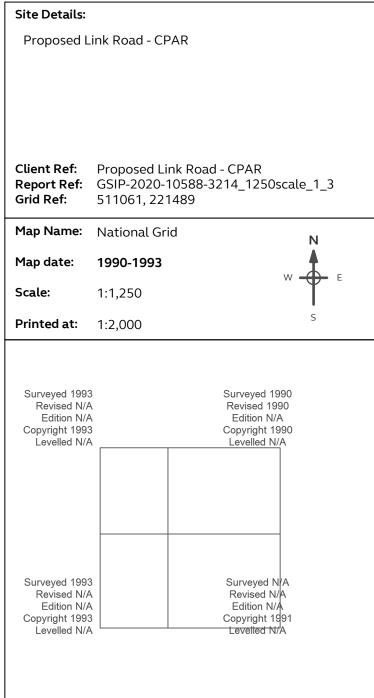


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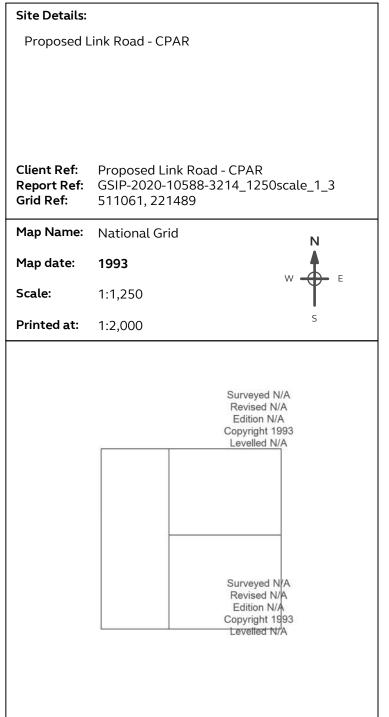


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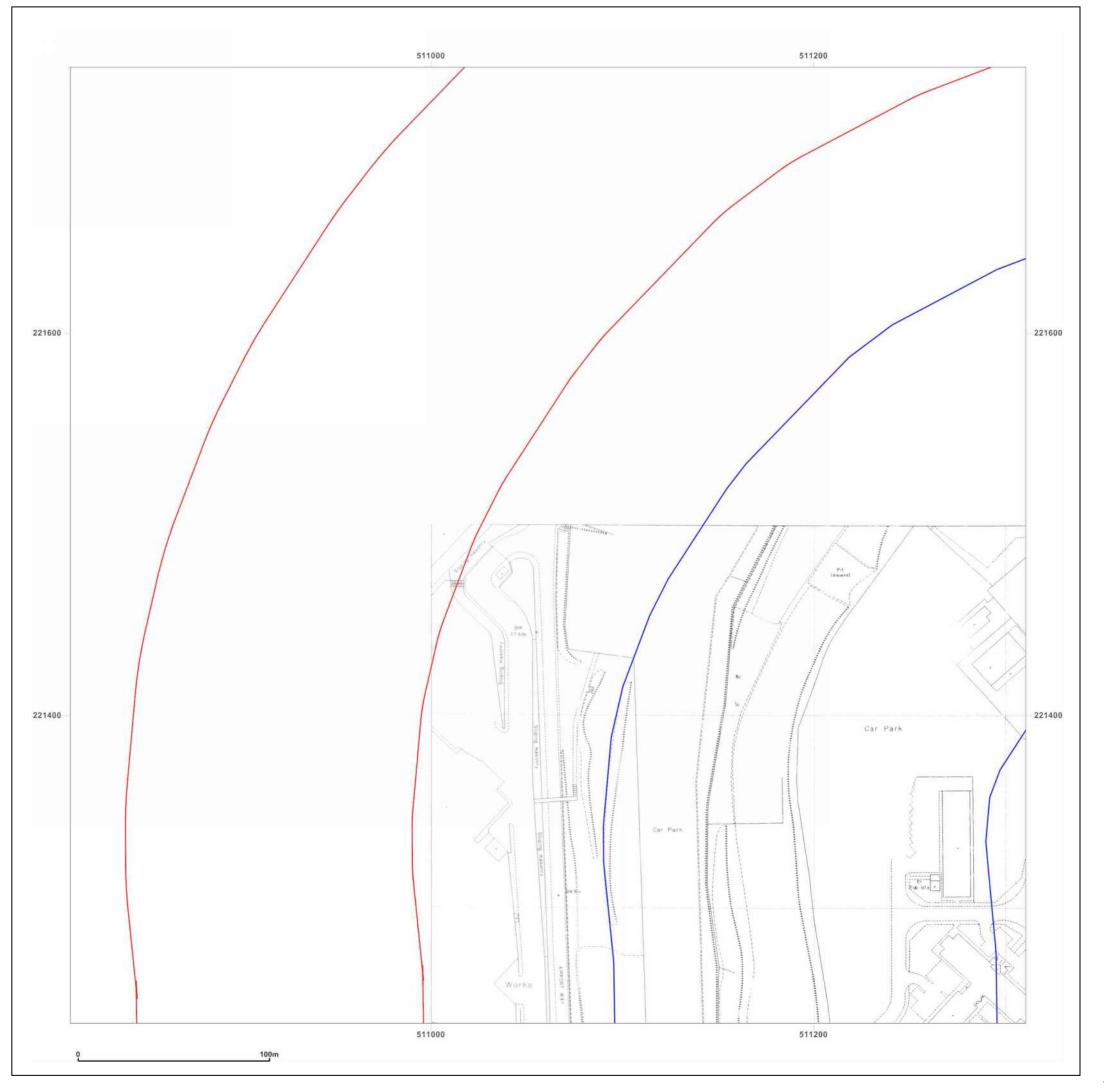




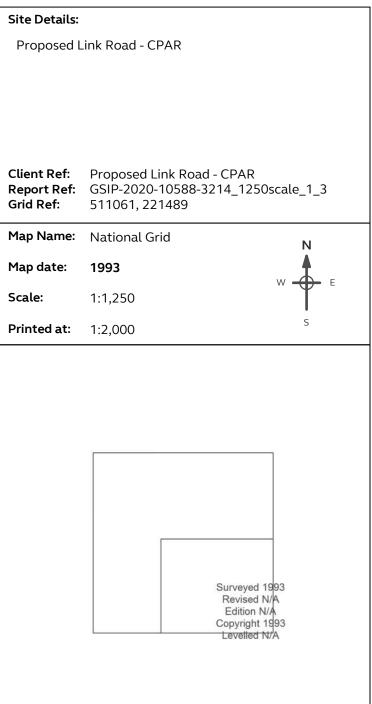


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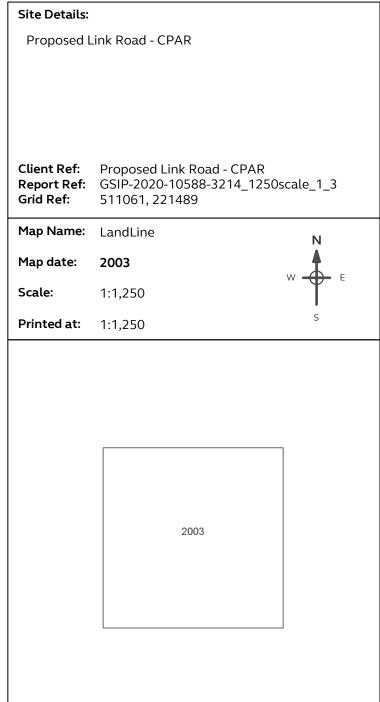


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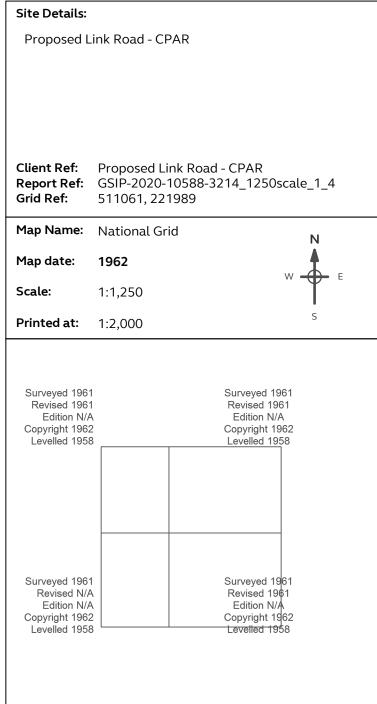


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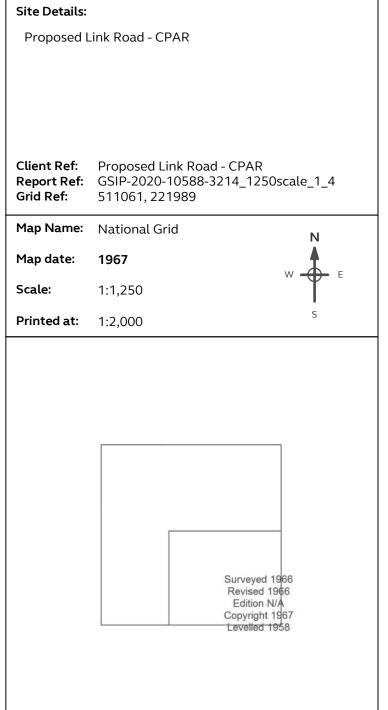


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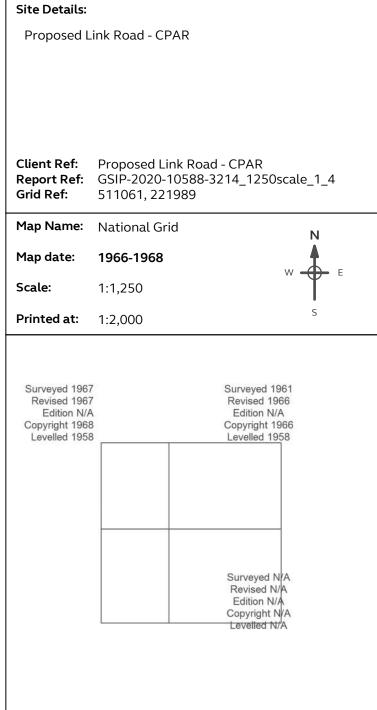


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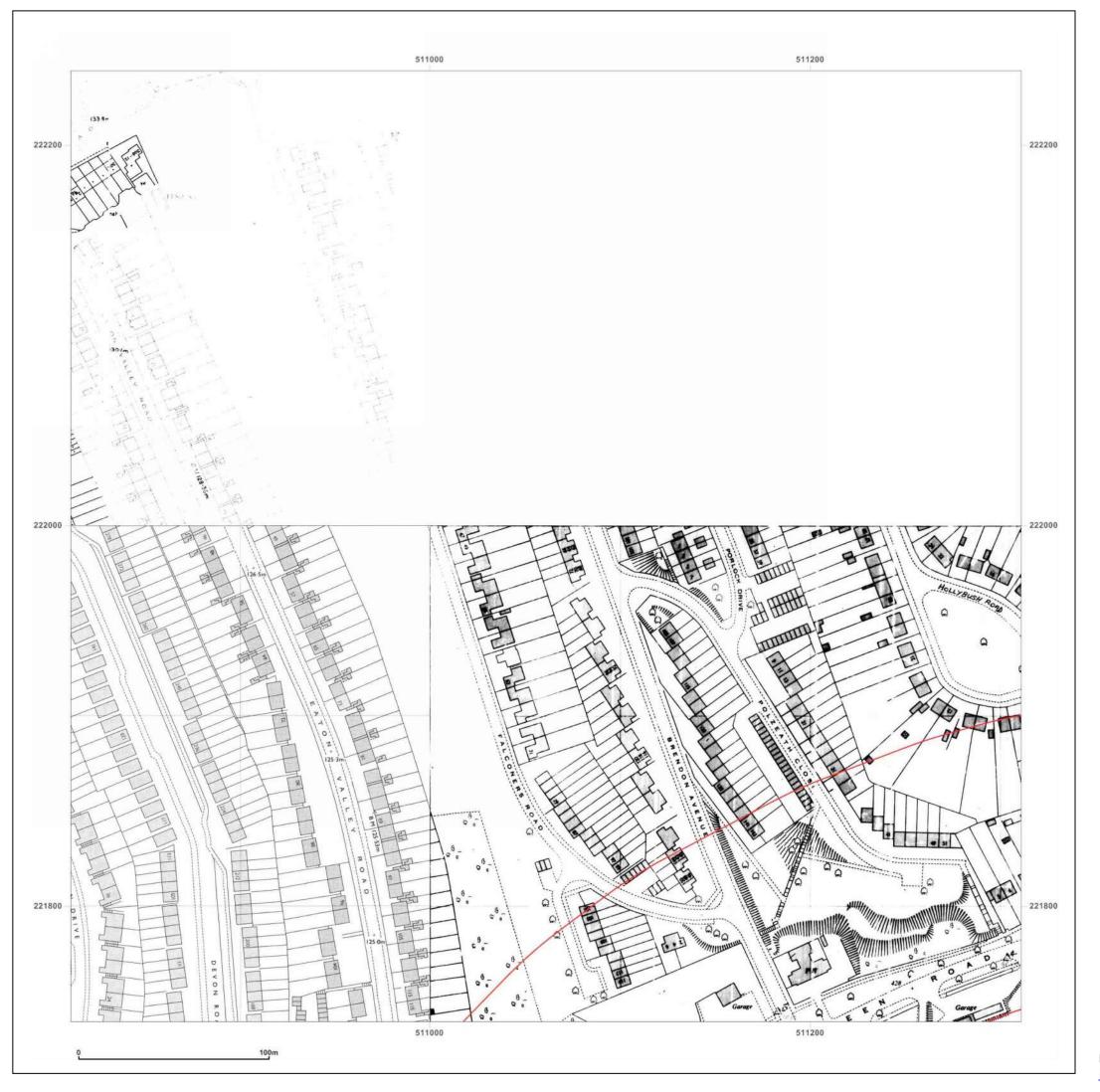




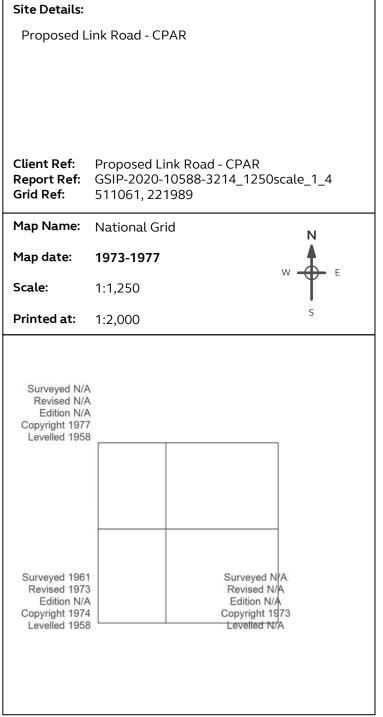


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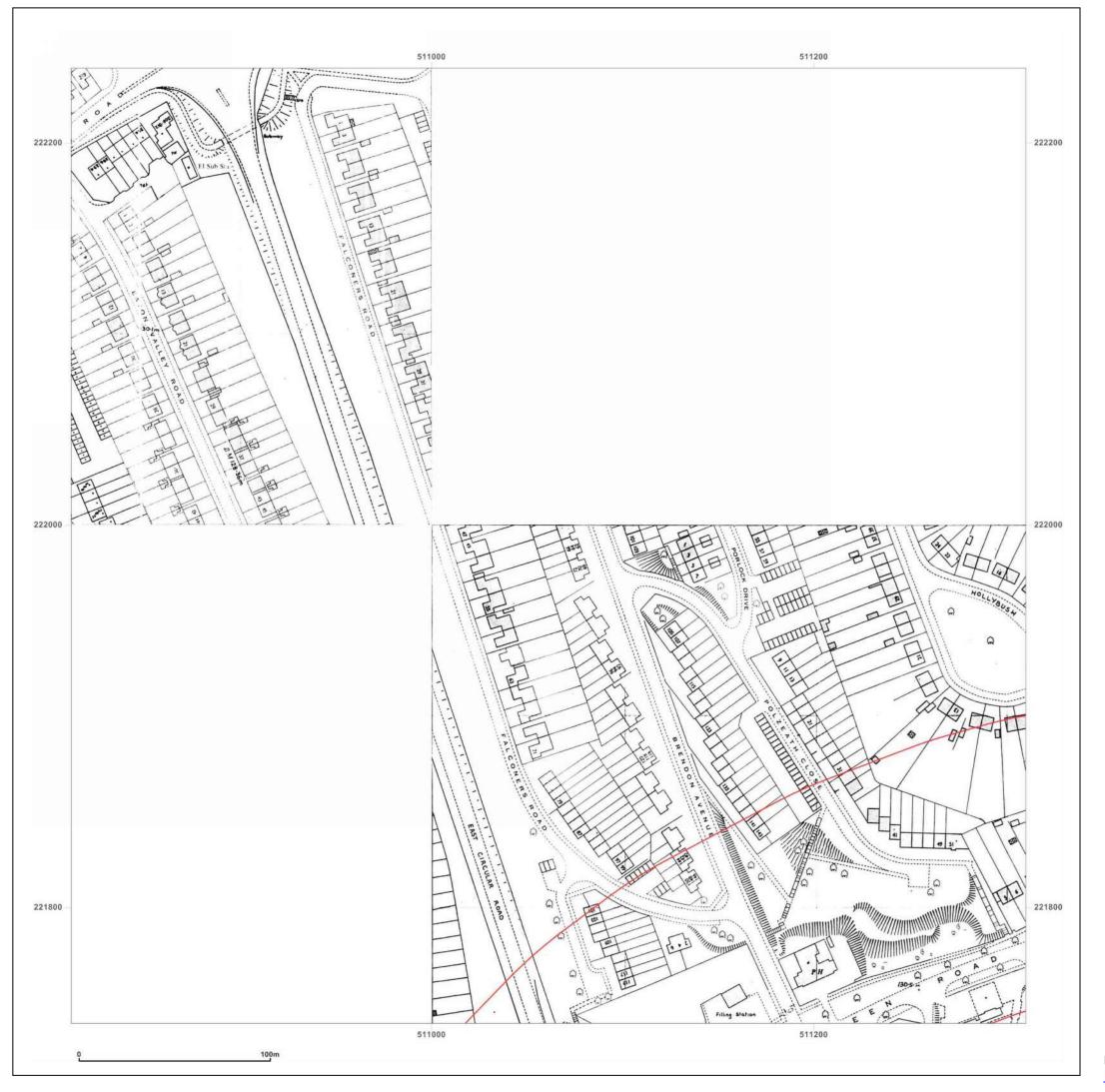




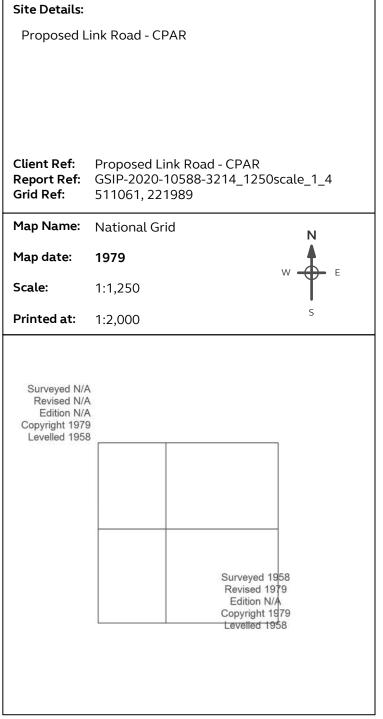


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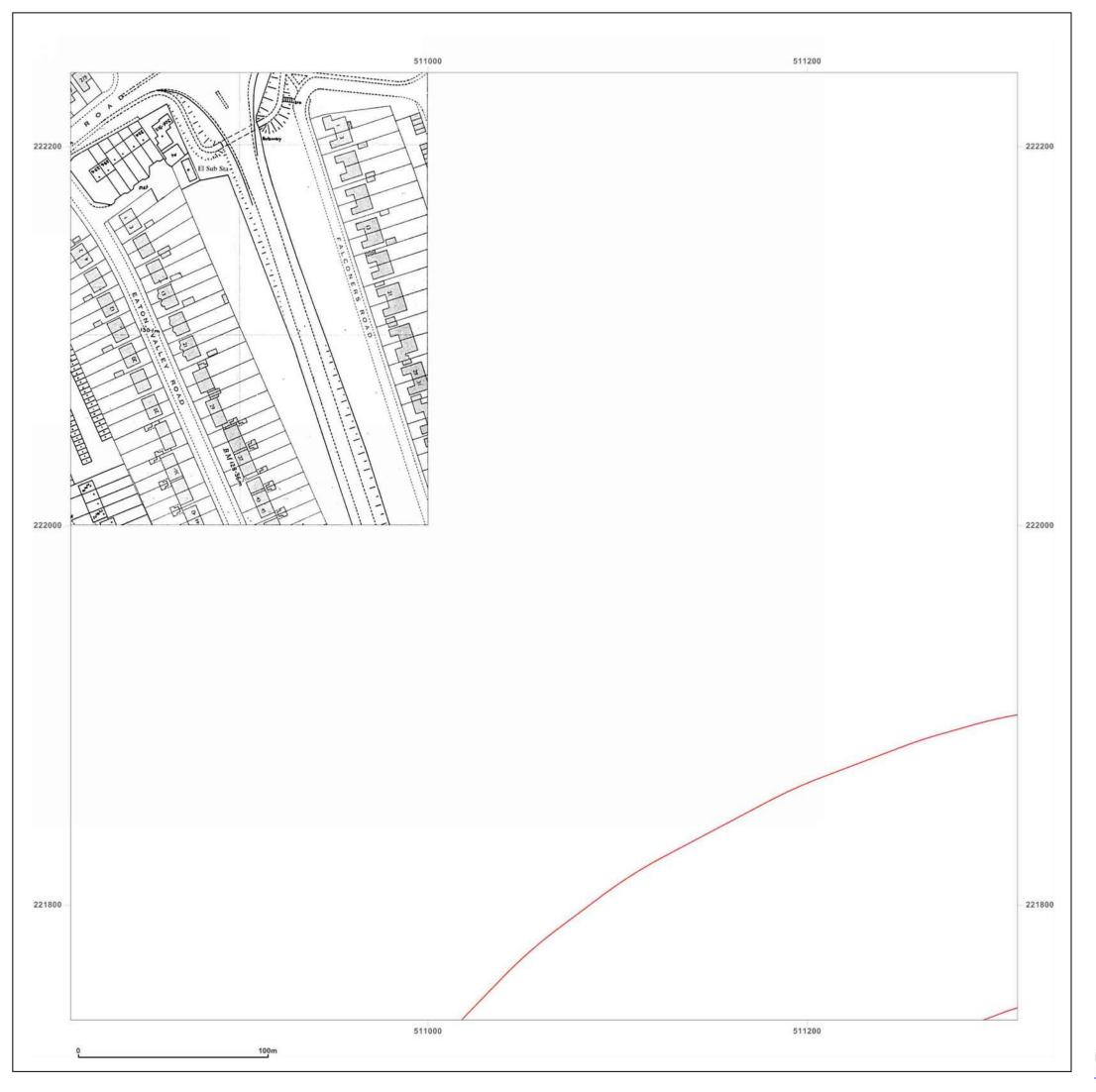




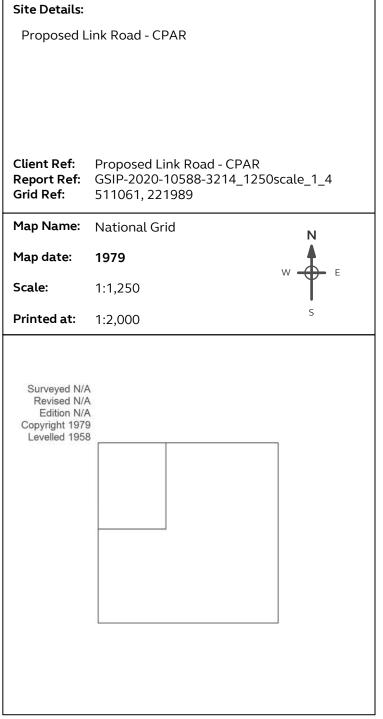


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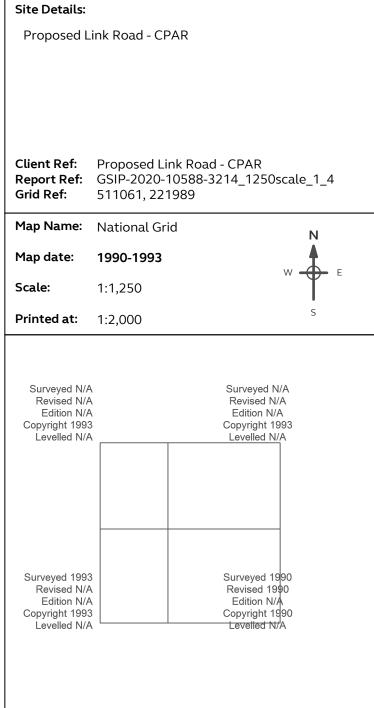


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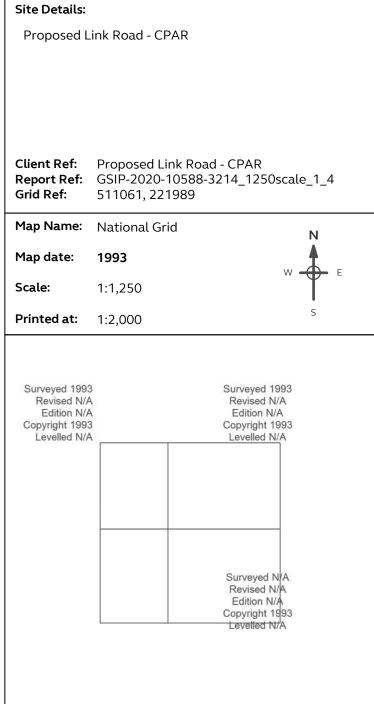


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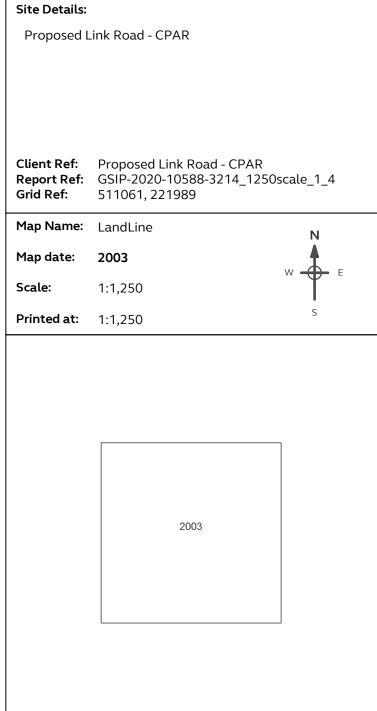


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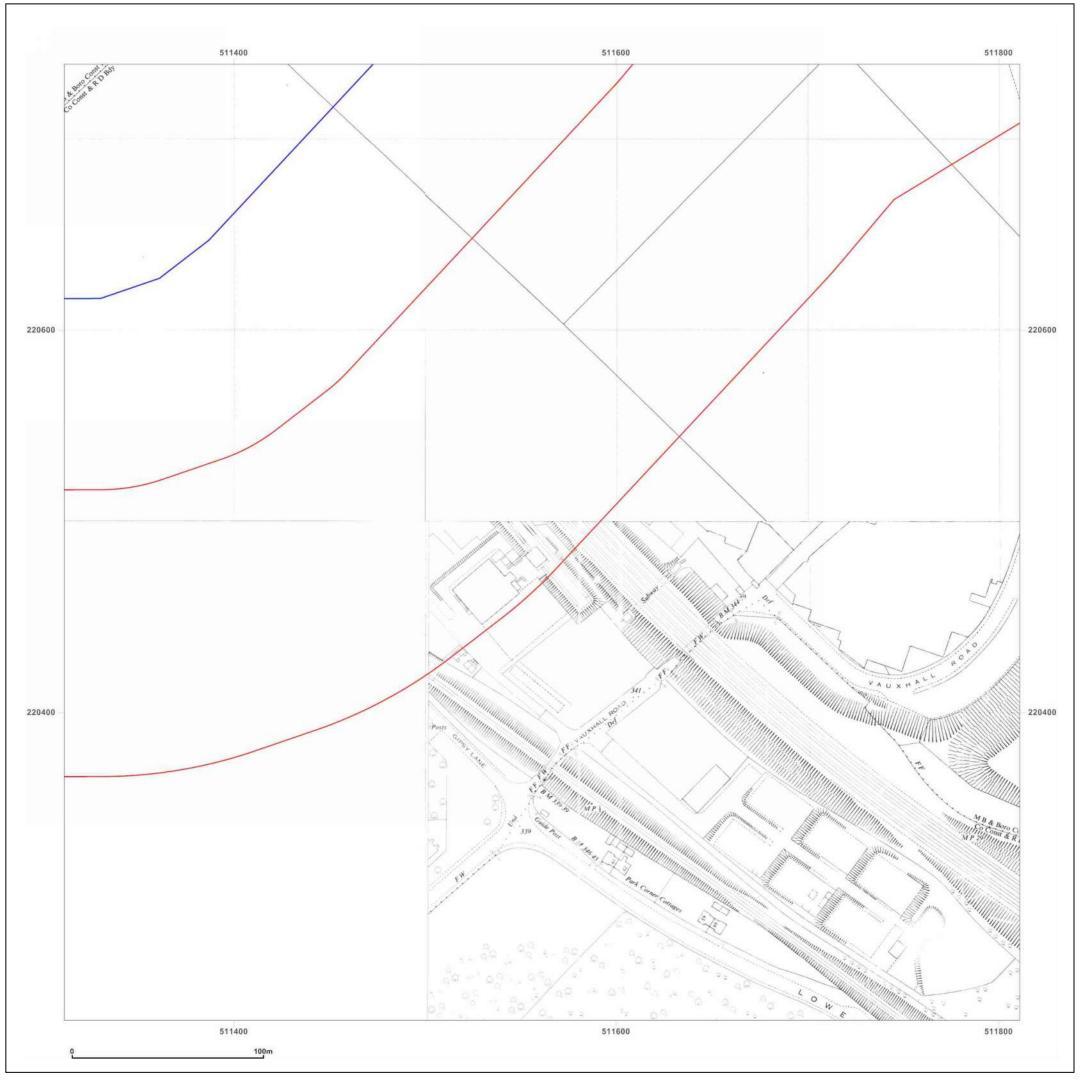




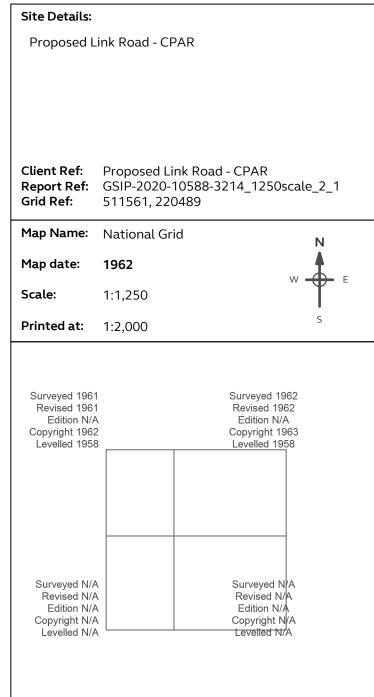


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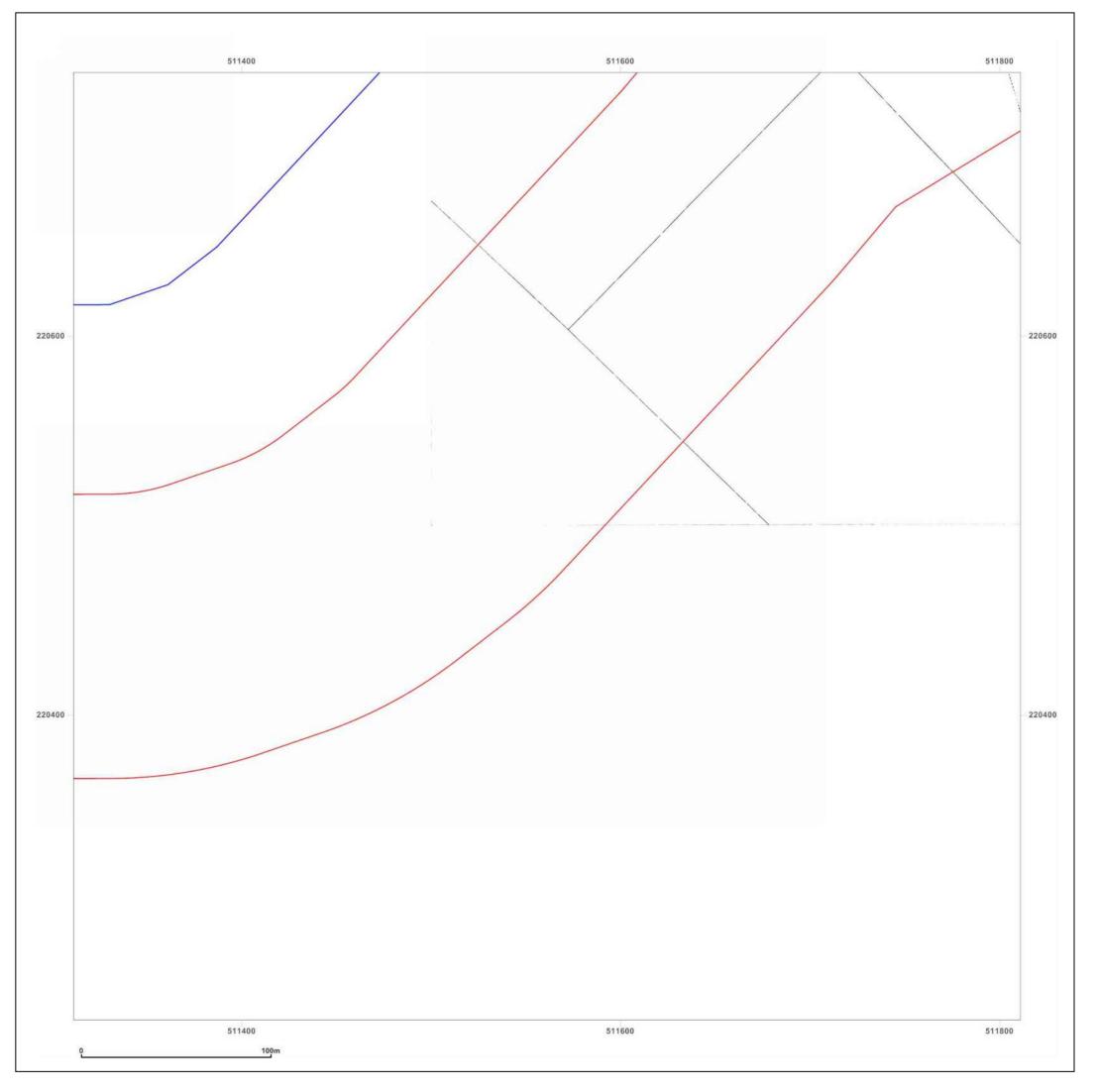






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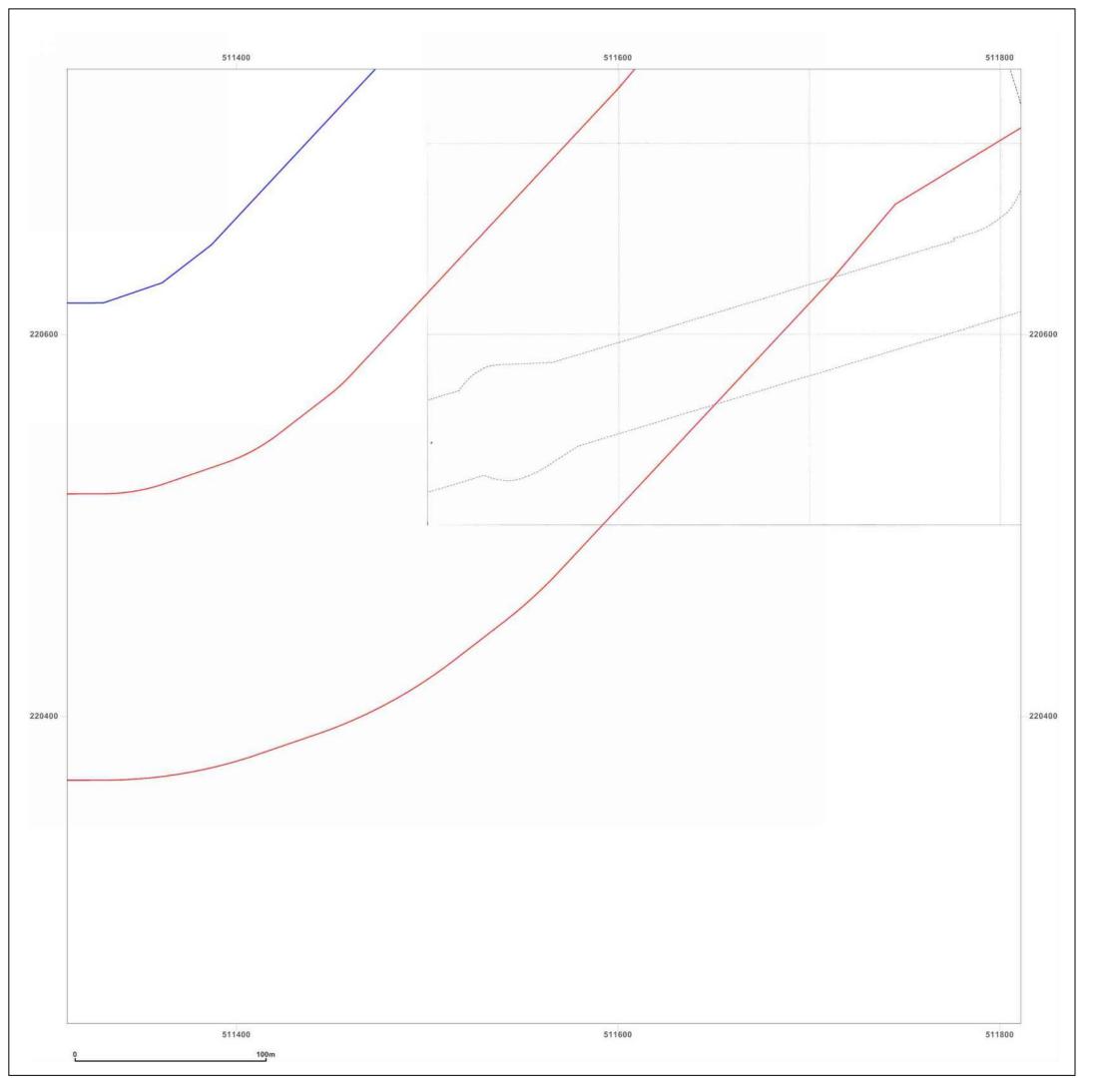


Site Details:	
Proposed Link Road - CPAR	
Client Ref: Report Ref: Grid Ref:	Proposed Link Road - CPAR GSIP-2020-10588-3214_1250scale_2_1 511561, 220489
Map Name:	National Grid N
Map date:	1963
Scale:	1:1,250
Printed at:	1:2,000 s
	Surveyed N/A Revised N/A Edition N/A Copyright 1963 Levelled 1958



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Production date: 23 November 2020



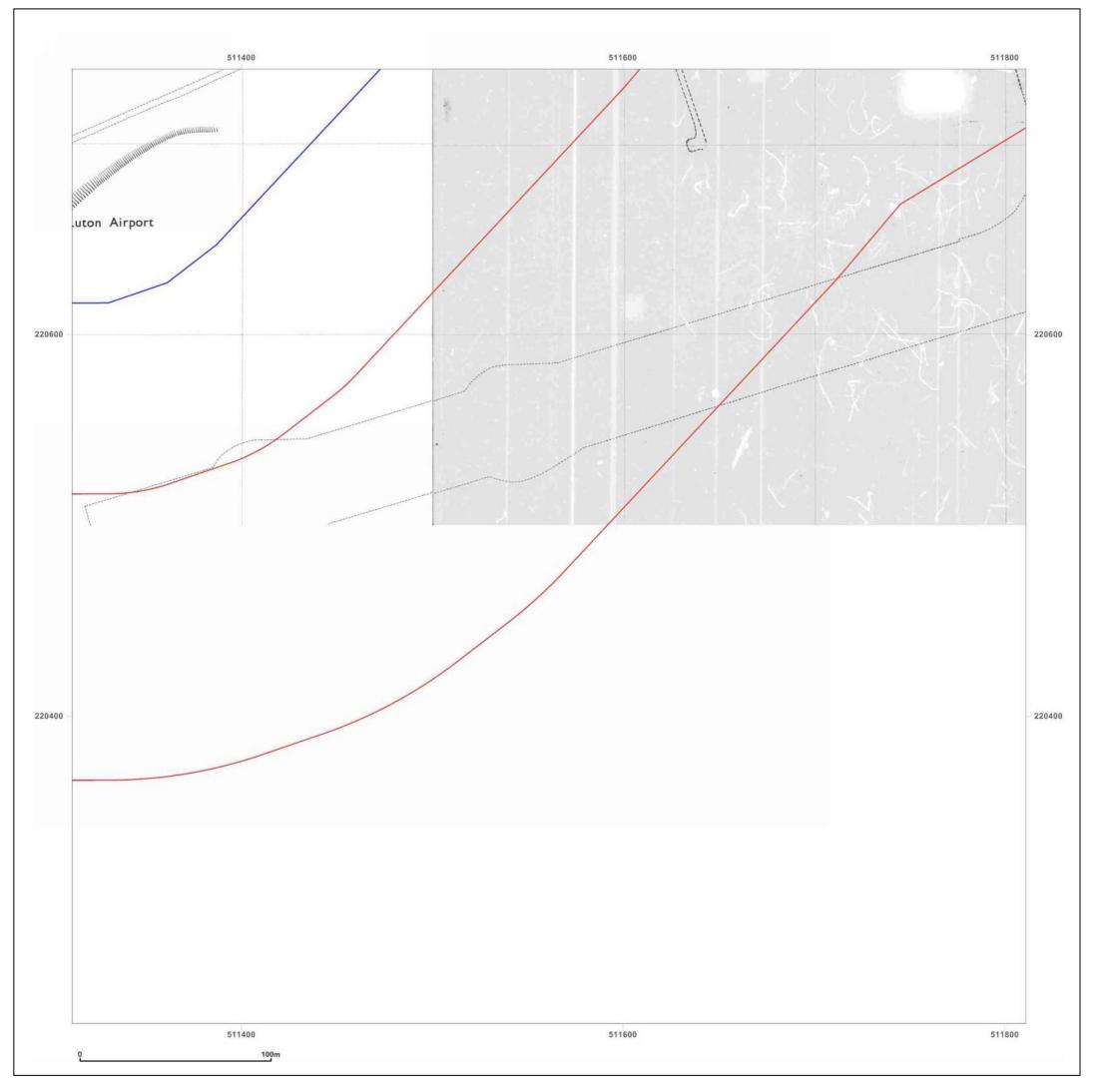


Site Details:	
Proposed Link Road - CPAR	
Client Ref: Report Ref: Grid Ref:	Proposed Link Road - CPAR GSIP-2020-10588-3214_1250scale_2_1 511561, 220489
Map Name:	National Grid N
Map date:	1968
Scale:	1:1,250
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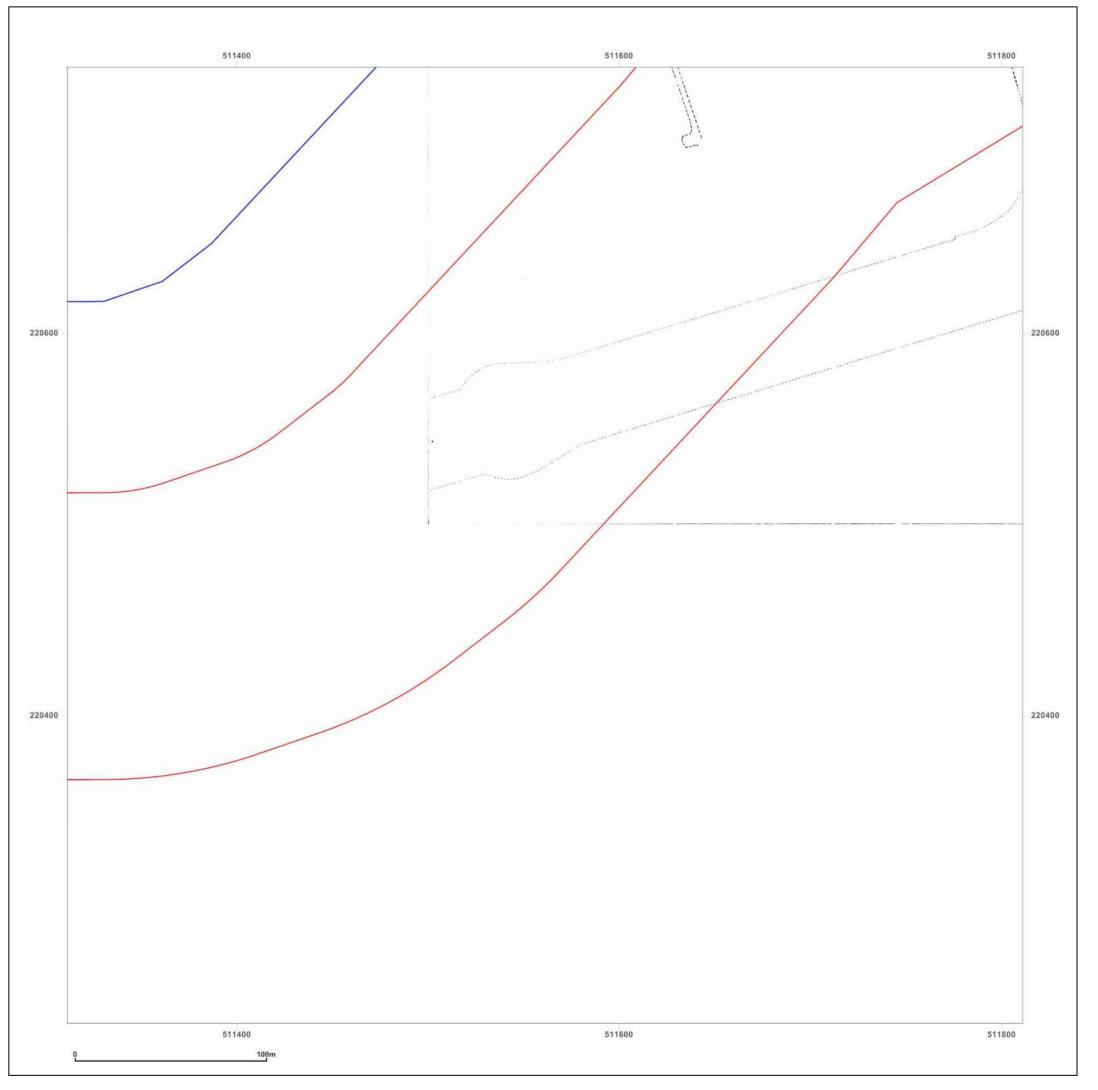


Site Details:	
Proposed Link Road - CPAR	
Client Ref:	Proposed Link Road - CPAR
Report Ref: Grid Ref:	GSIP-2020-10588-3214_1250scale_2_1 511561, 220489
Map Name:	National Grid N
Map date:	1973-1974
Scale:	1:1,250
Printed at:	1:2,000 S
Cum rayard 1061	Surrayad M/A
Surveyed 1961 Revised 1973 Edition N/A	Revised N/A
Copyright 1974 Levelled 1958	Copyright N/A
Levelled 1930	Levelled N/A



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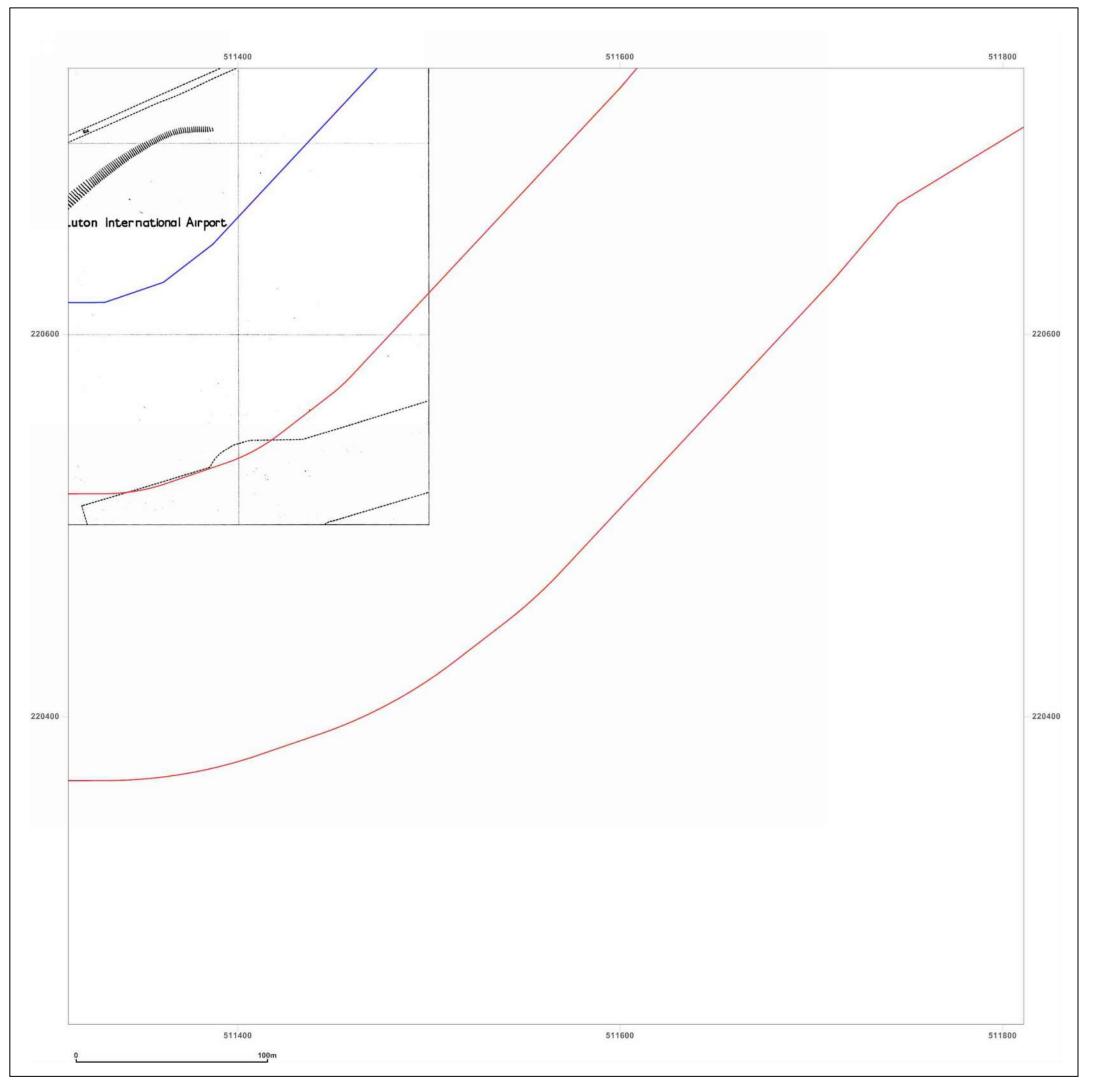


Site Details:	
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Map Name:	National Grid N
Map date:	1975
Scale:	1:1,250
Printed at:	1:2,000 S
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Production date: 23 November 2020



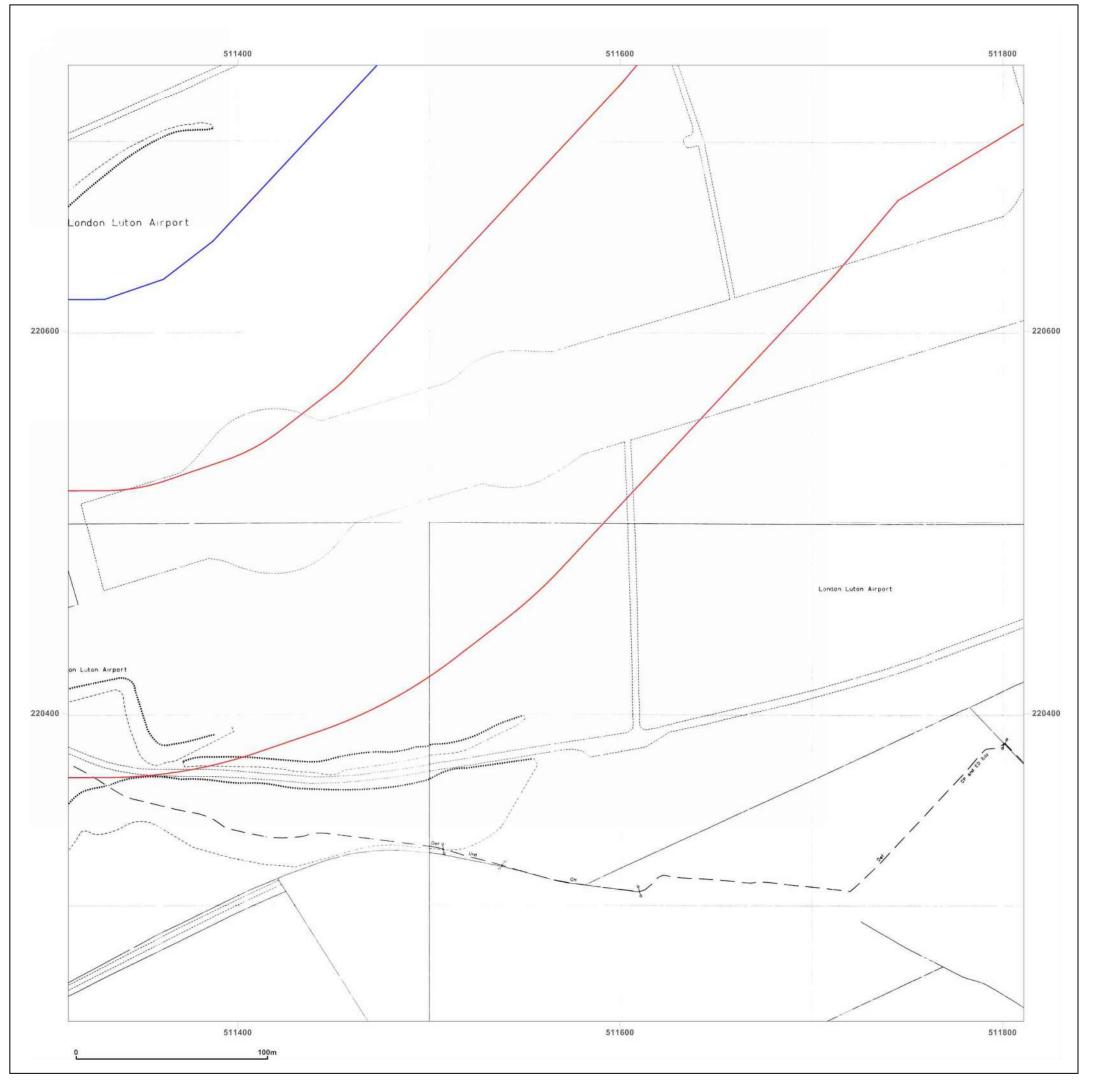


Site Details:		
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Map Name:	National Grid N	
Map date:	1984	
Scale:	1:1,250	
Printed at:	1:2,000 S	
Surveyed 1982 Revised 1982 Edition N/A Copyright 1984 Levelled 1982	4 A 4	

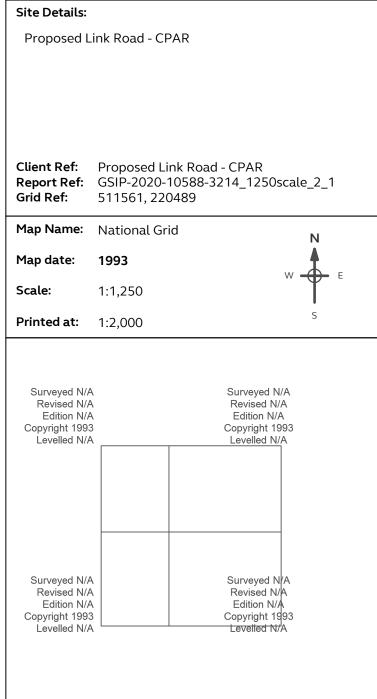


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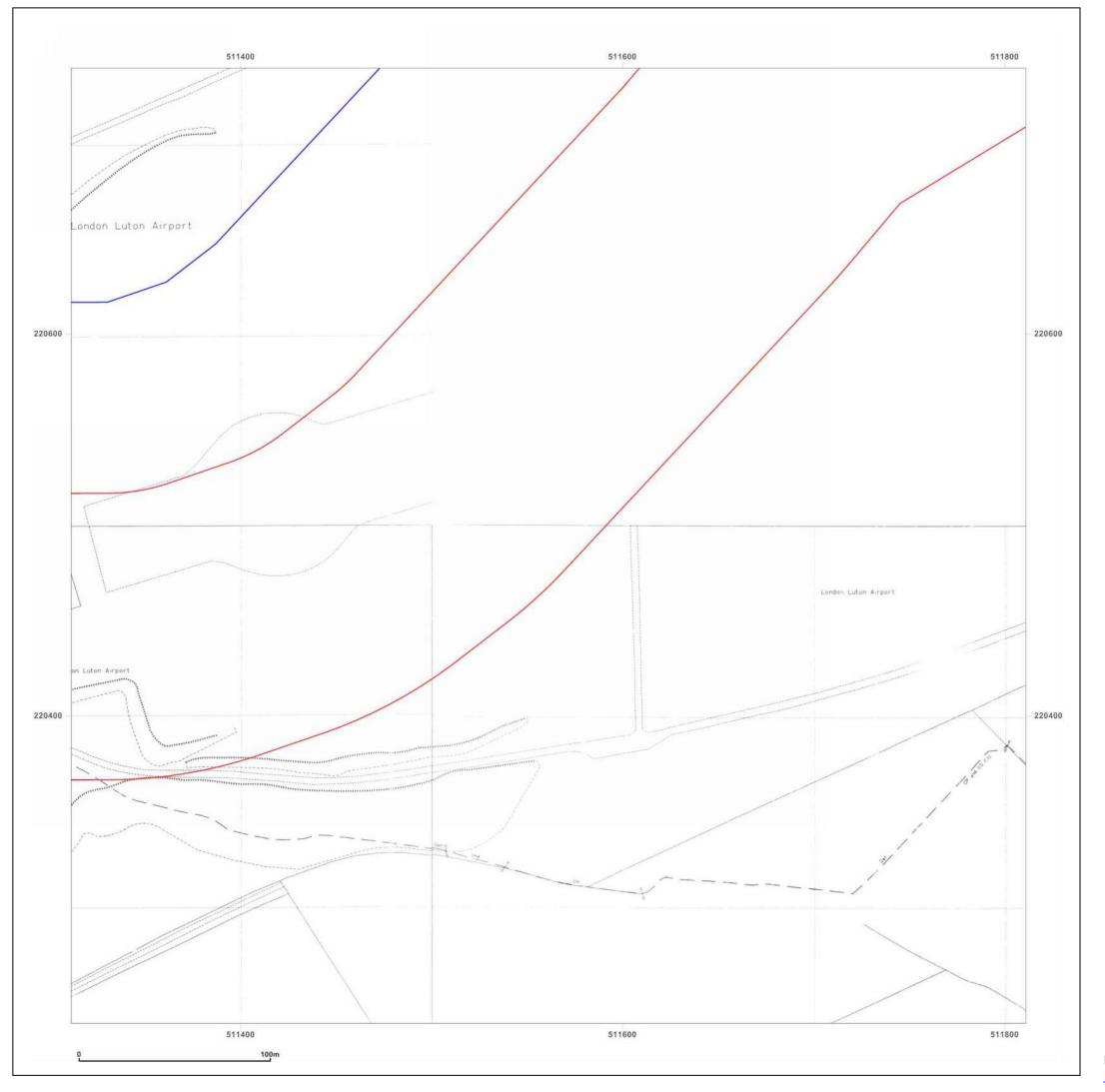




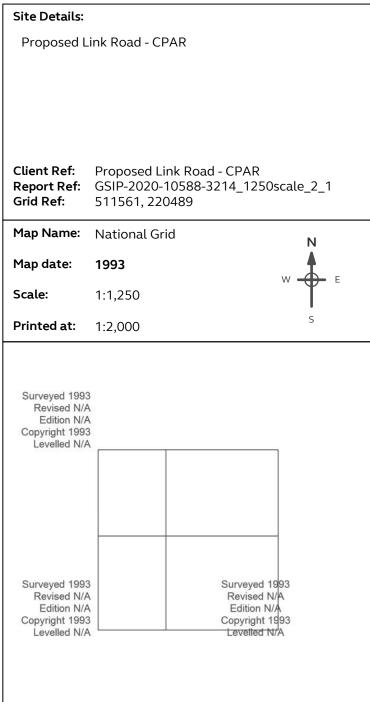


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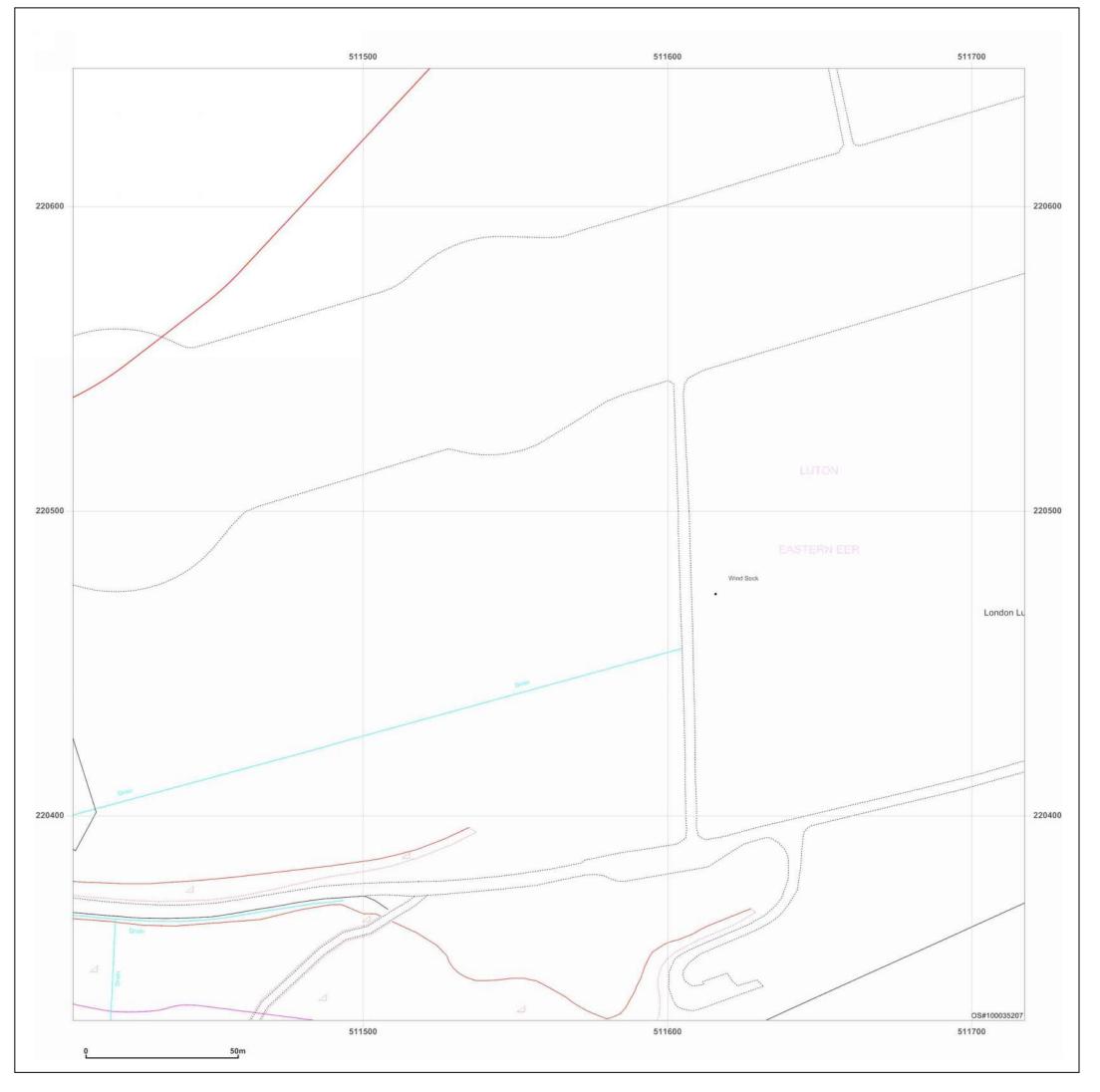




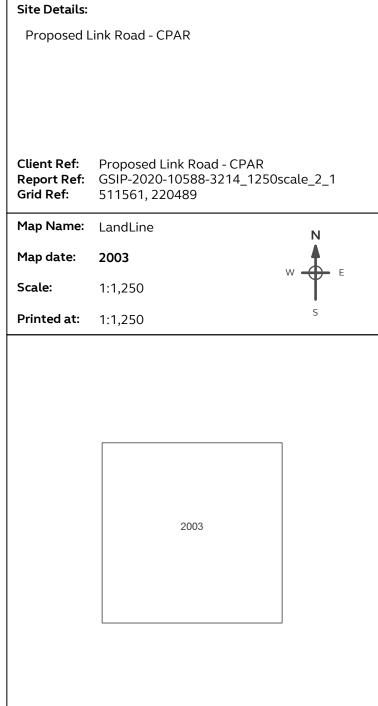


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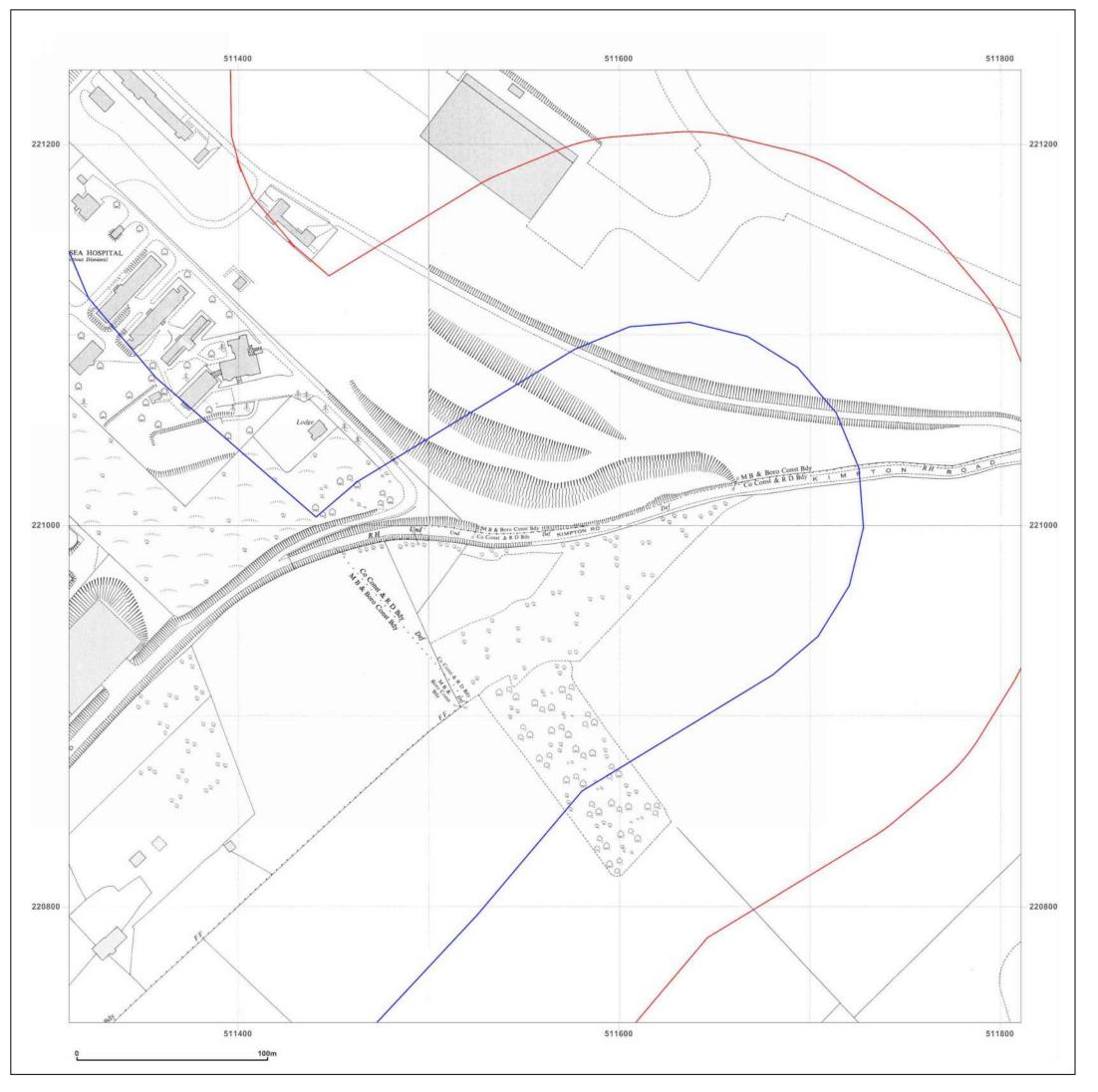




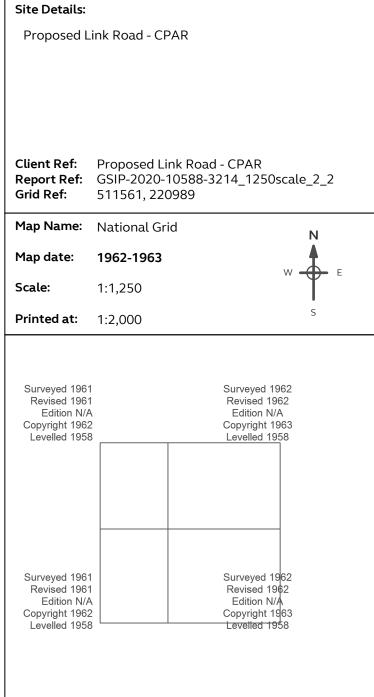


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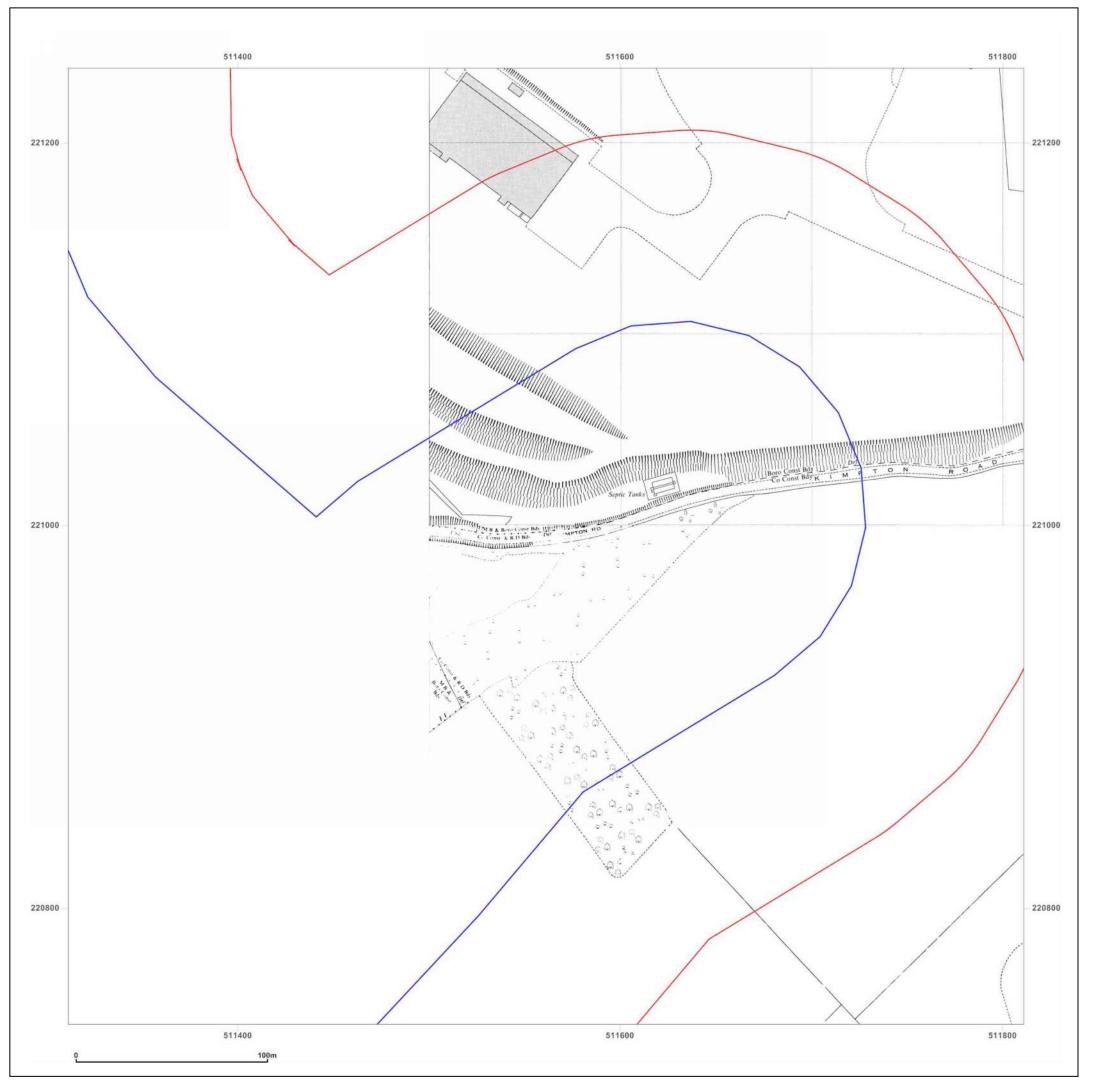




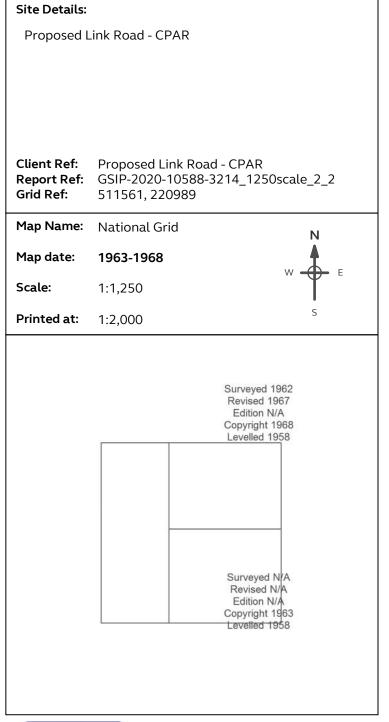


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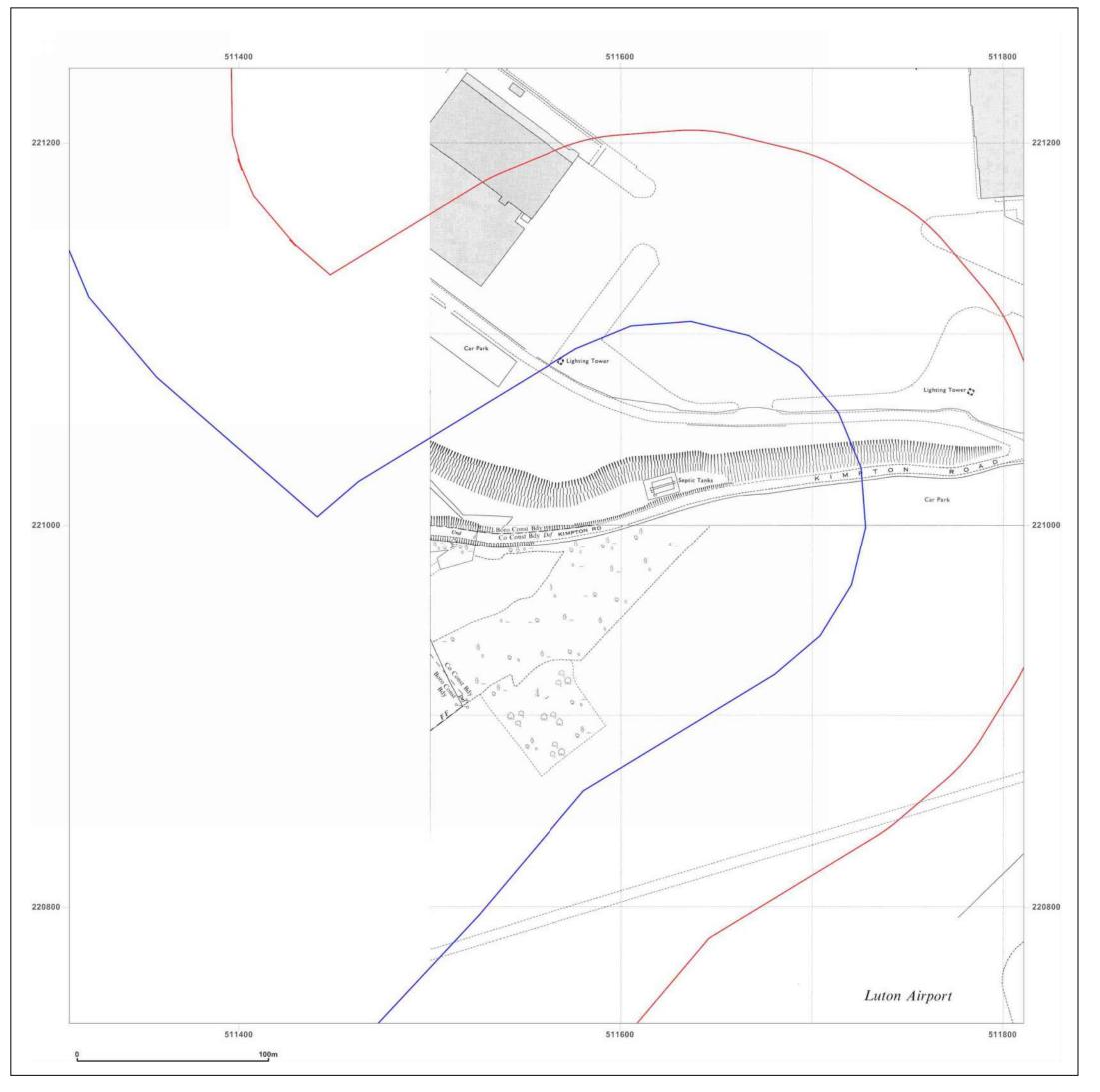




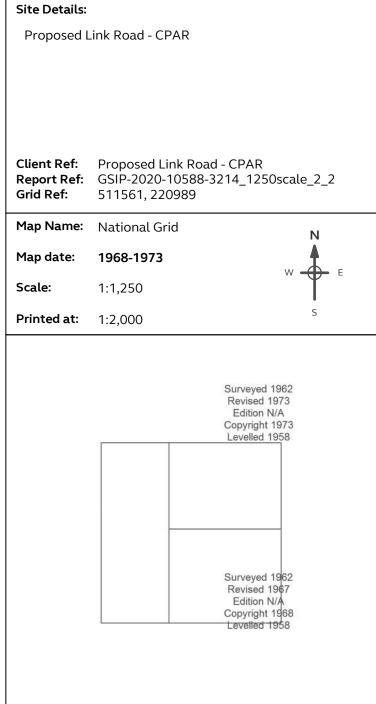


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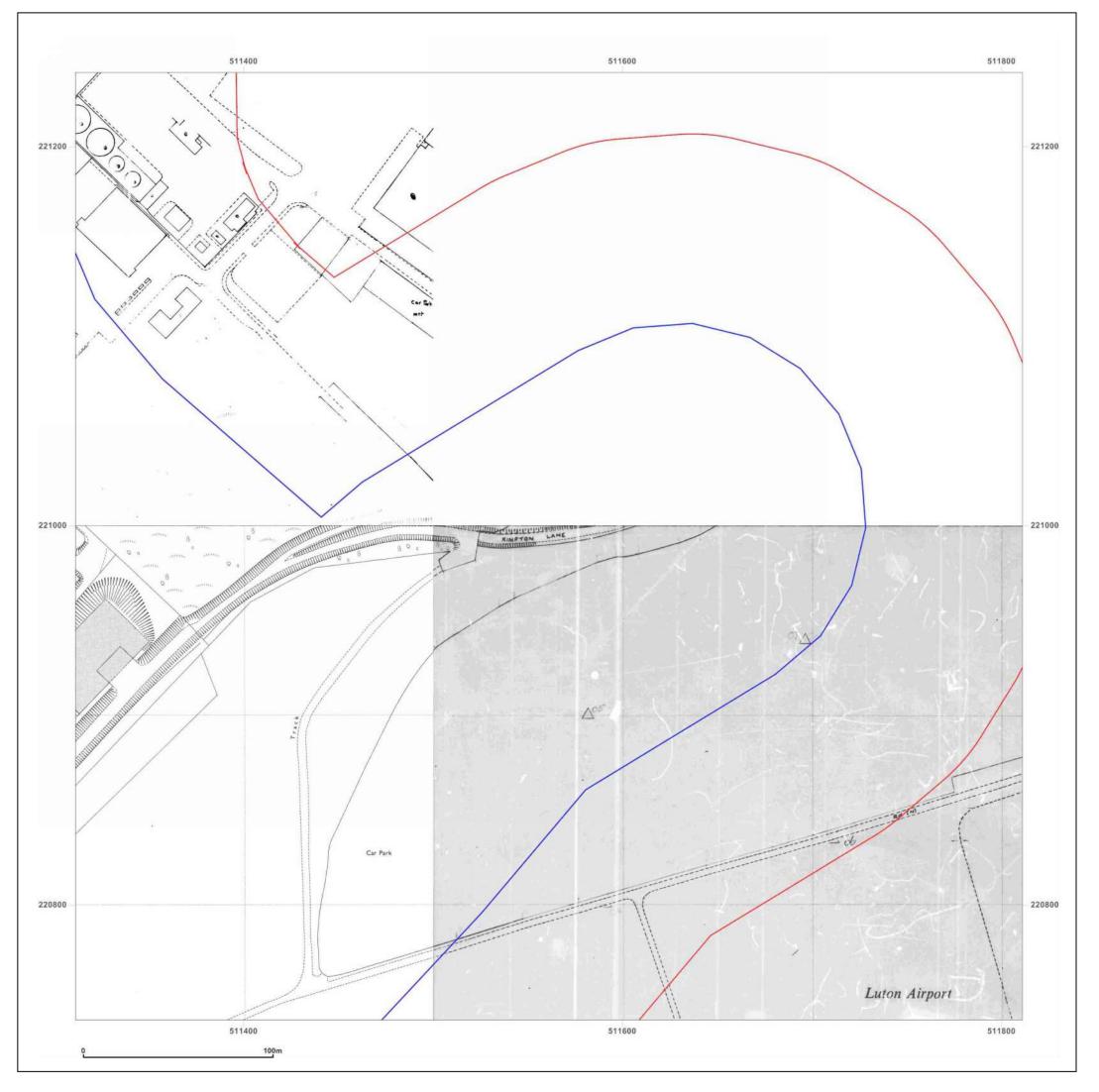




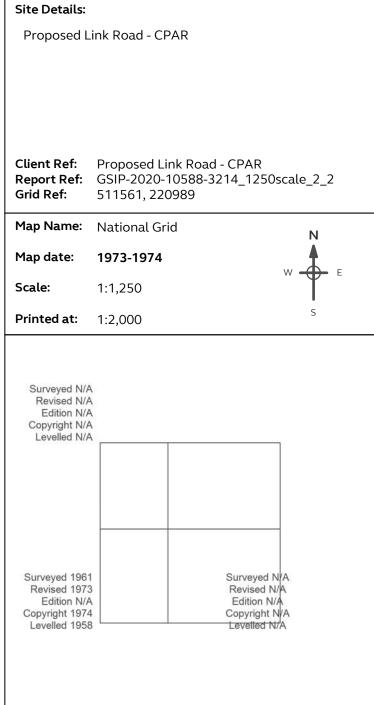


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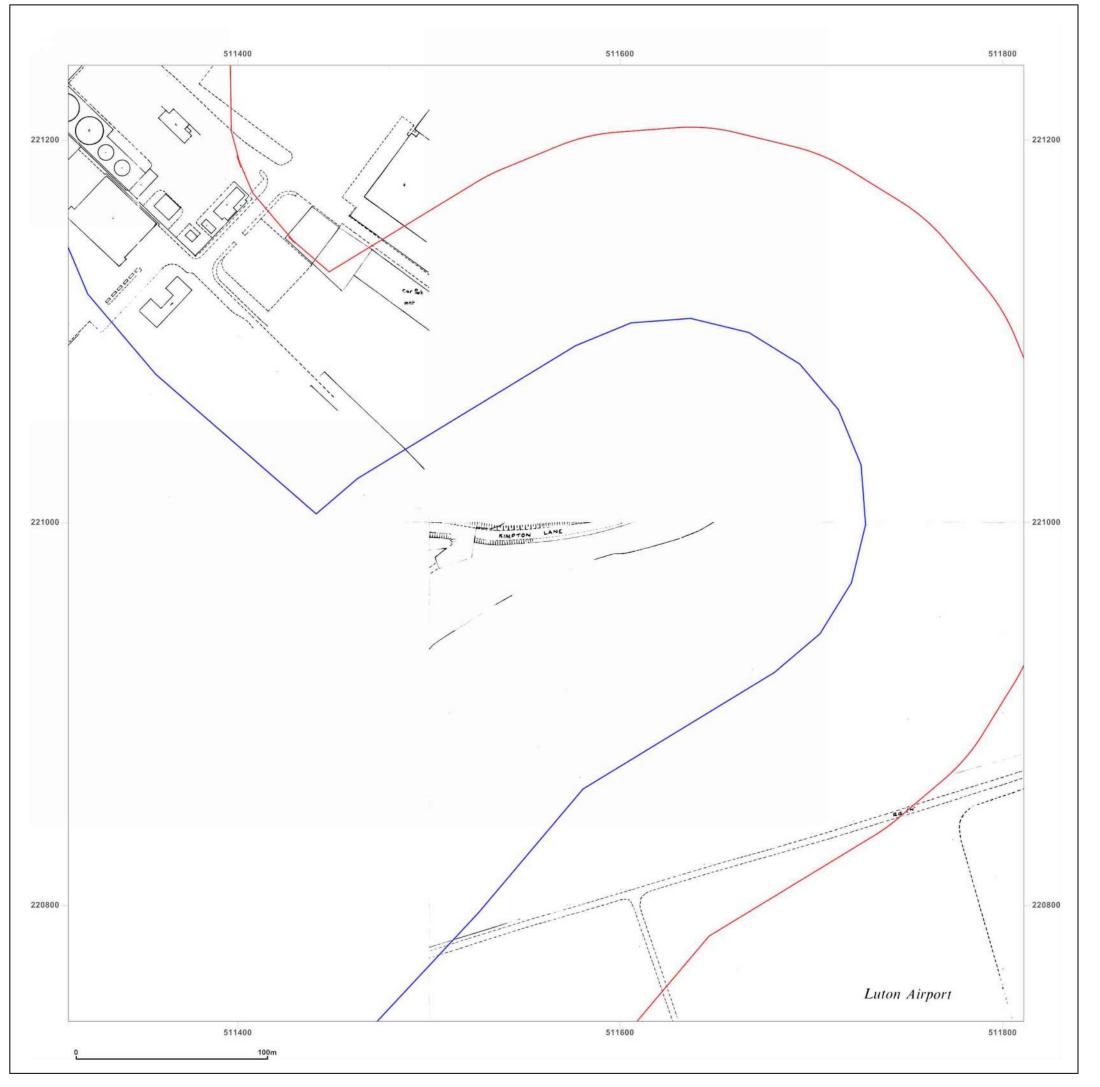




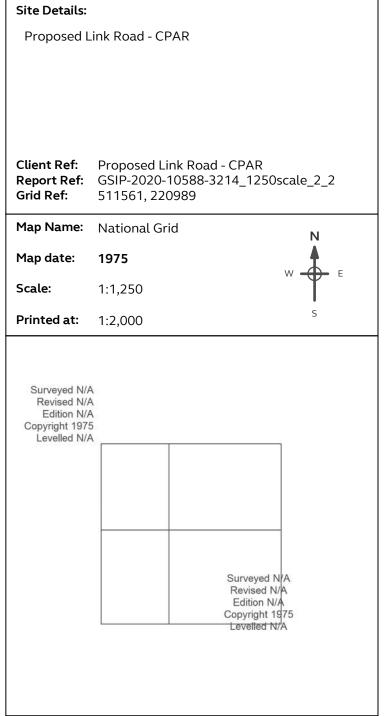


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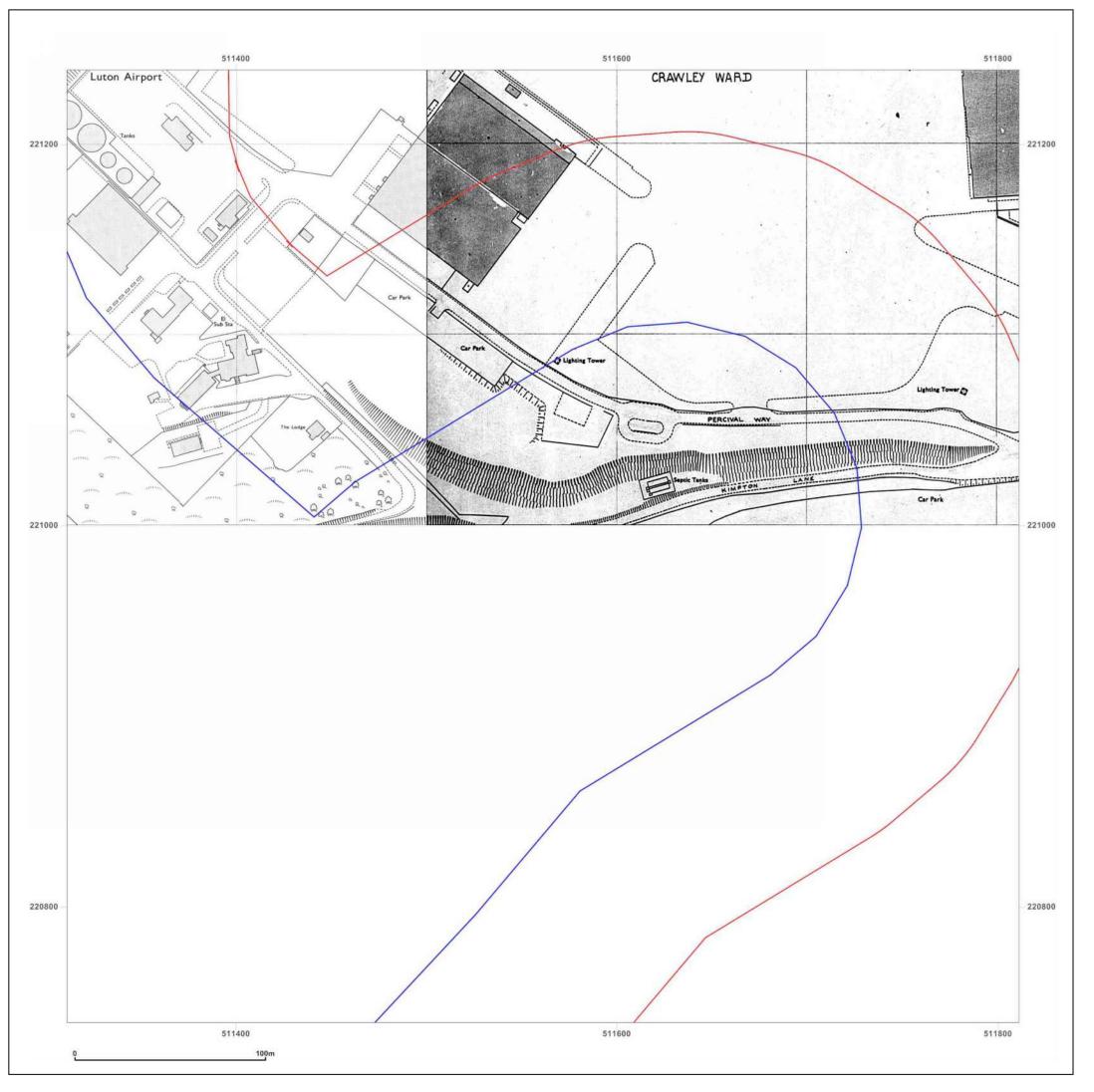






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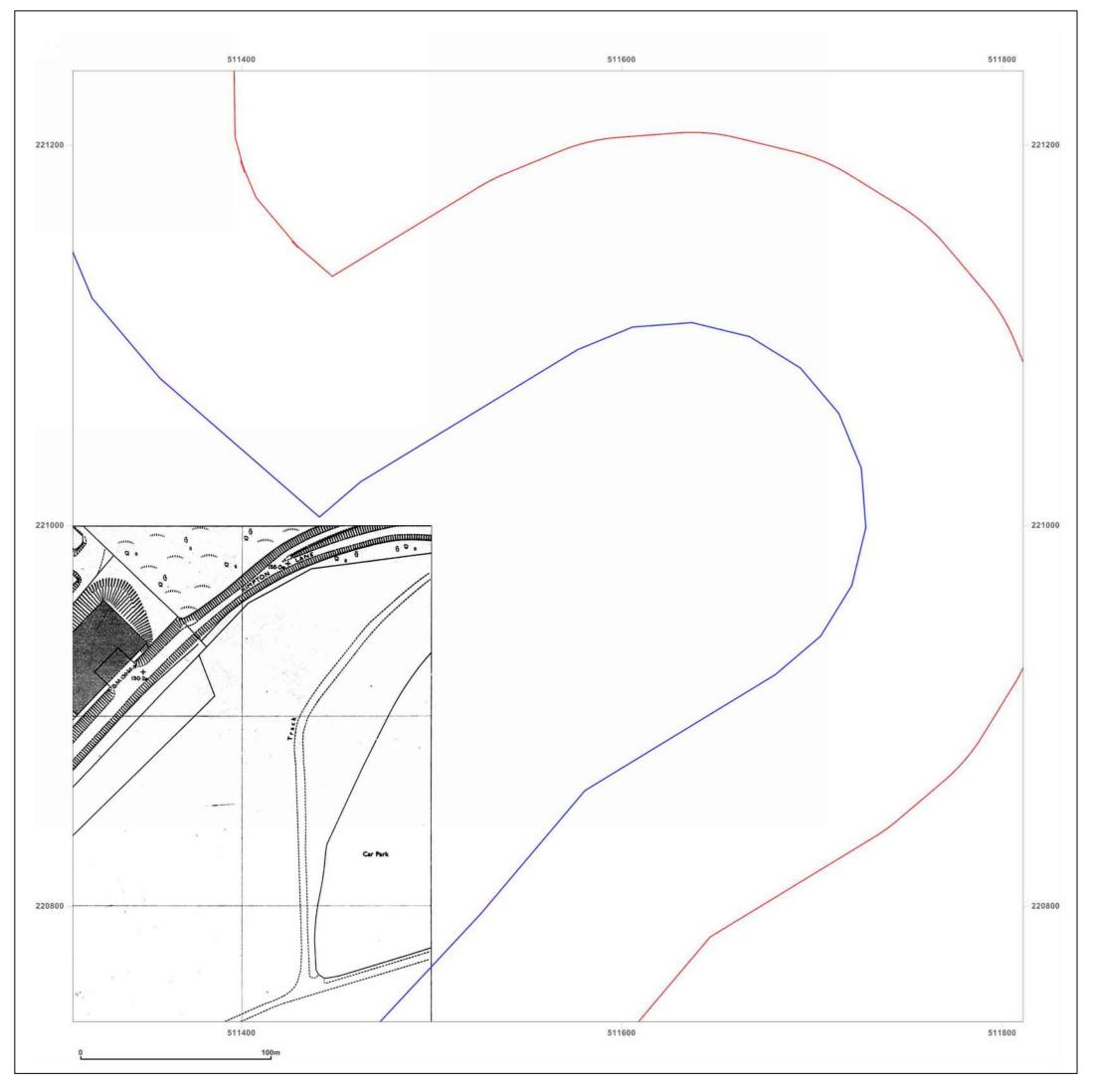


Site Details:	
Proposed Link Road - CPAR	
Client Ref:	Proposed Link Road - CPAR
Report Ref: Grid Ref:	GSIP-2020-10588-3214_1250scale_2_2 511561, 220989
Map Name:	National Grid
	1976-1981
	W - E
Scale:	1:1,250
Printed at:	1:2,000
0 1400	4
Surveyed 196 Revised 197 Edition N/	5 Revised N/A
Copyright 197 Levelled 195	6 Copyright 1981
Levelled 100	Ecvolica redo

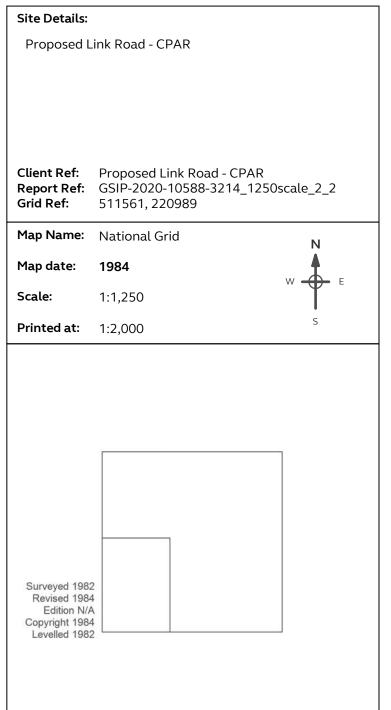


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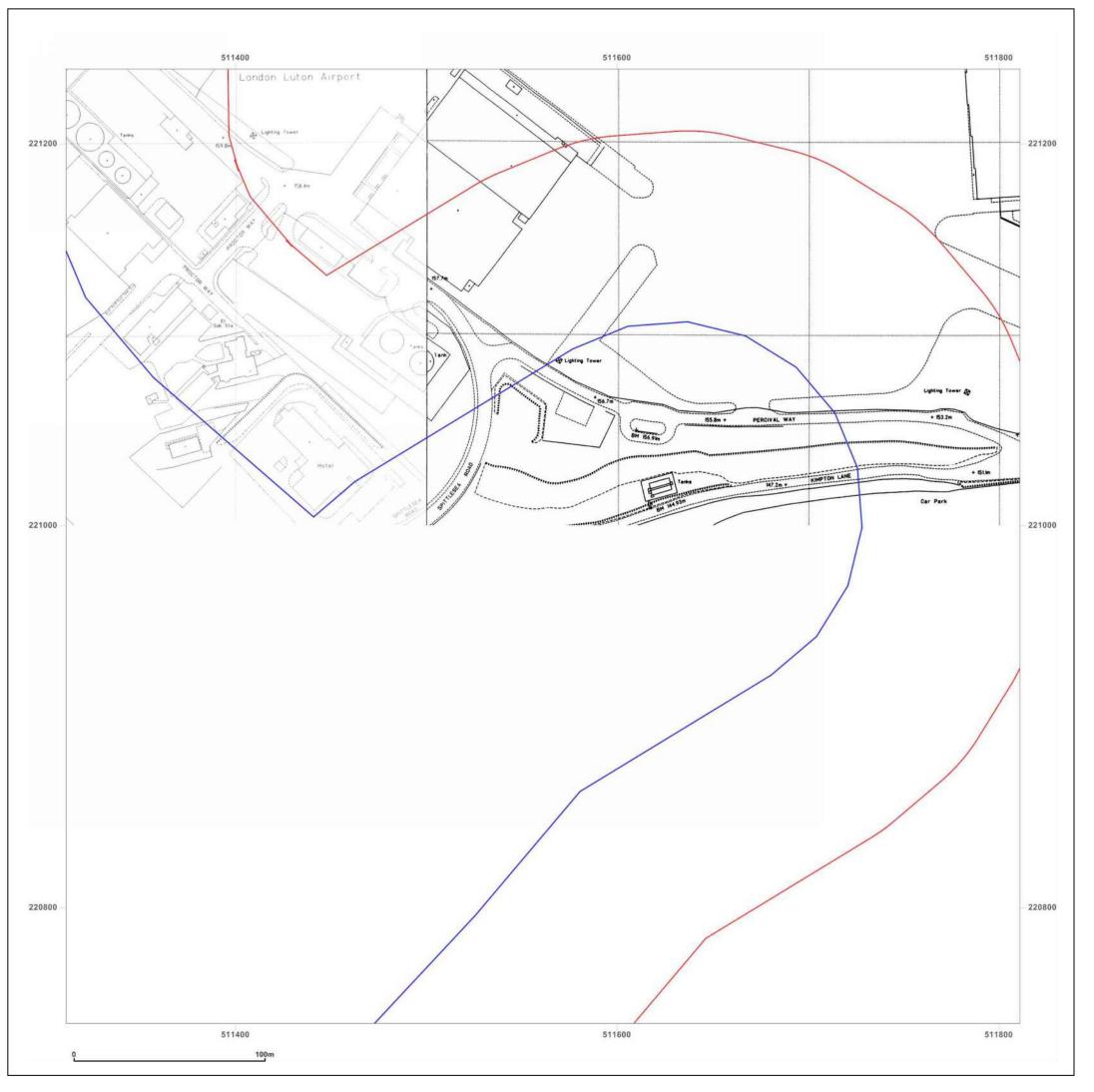






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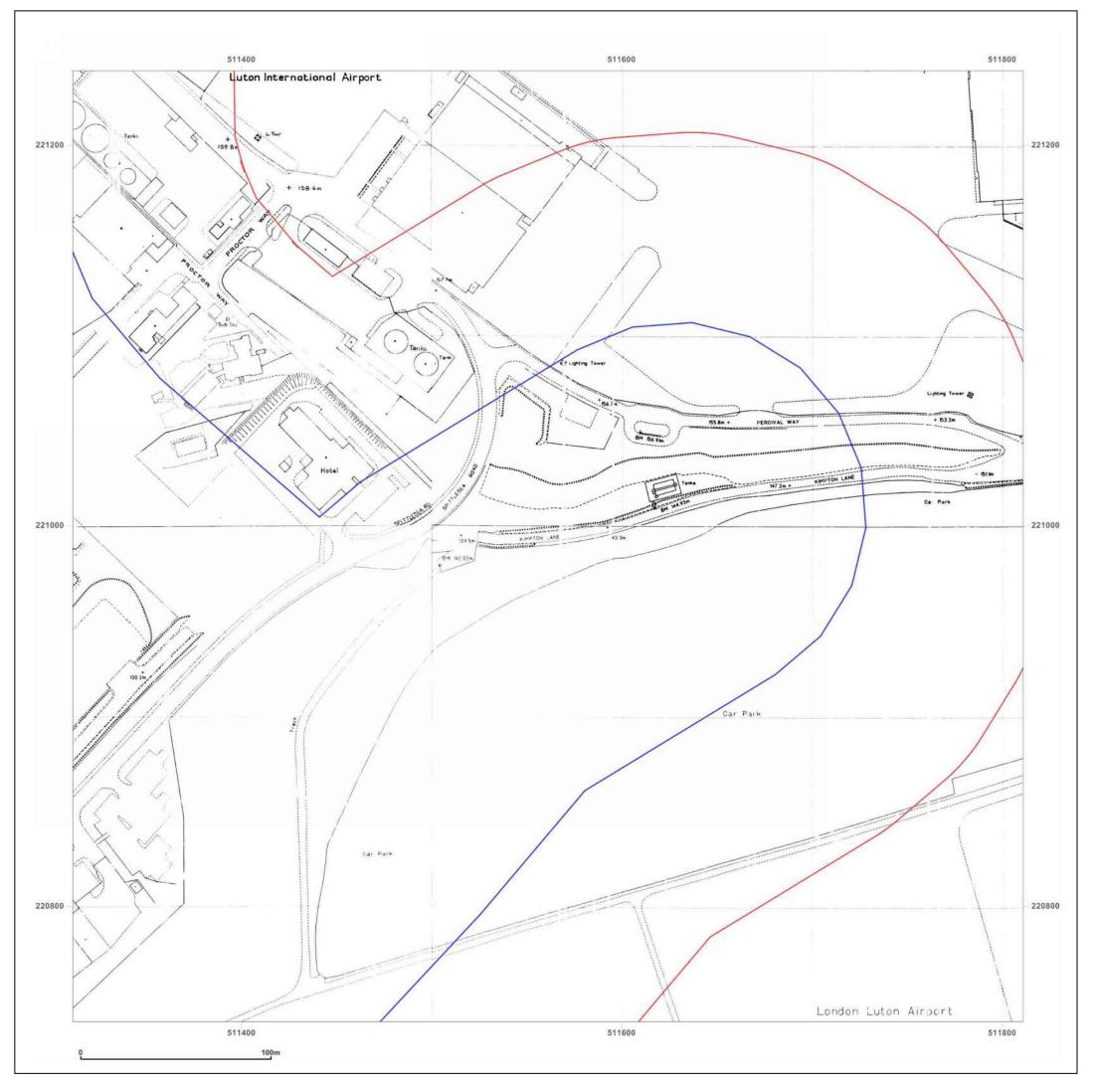


Site Details: Proposed Link Road - CPAR	
Client Ref: Report Ref: Grid Ref:	Proposed Link Road - CPAR GSIP-2020-10588-3214_1250scale_2_2 511561, 220989
Map Name:	National Grid N
Map date:	1993
Scale:	1:1,250
Printed at:	1:2,000
Surveyed 1993 Revised N/A Edition N/A Copyright 1993 Levelled N/A	A Revised N/A A Edition N/A 3 Copyright 1993

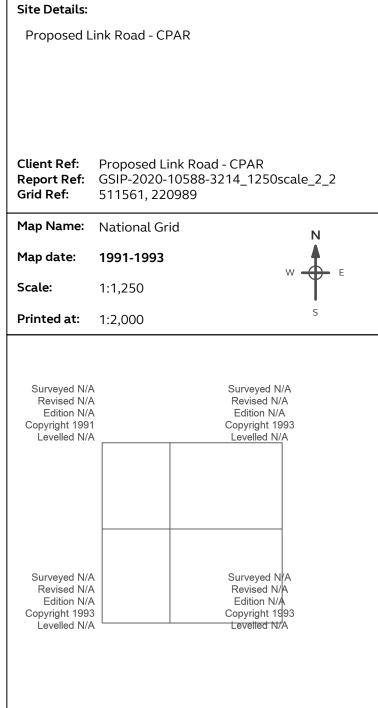


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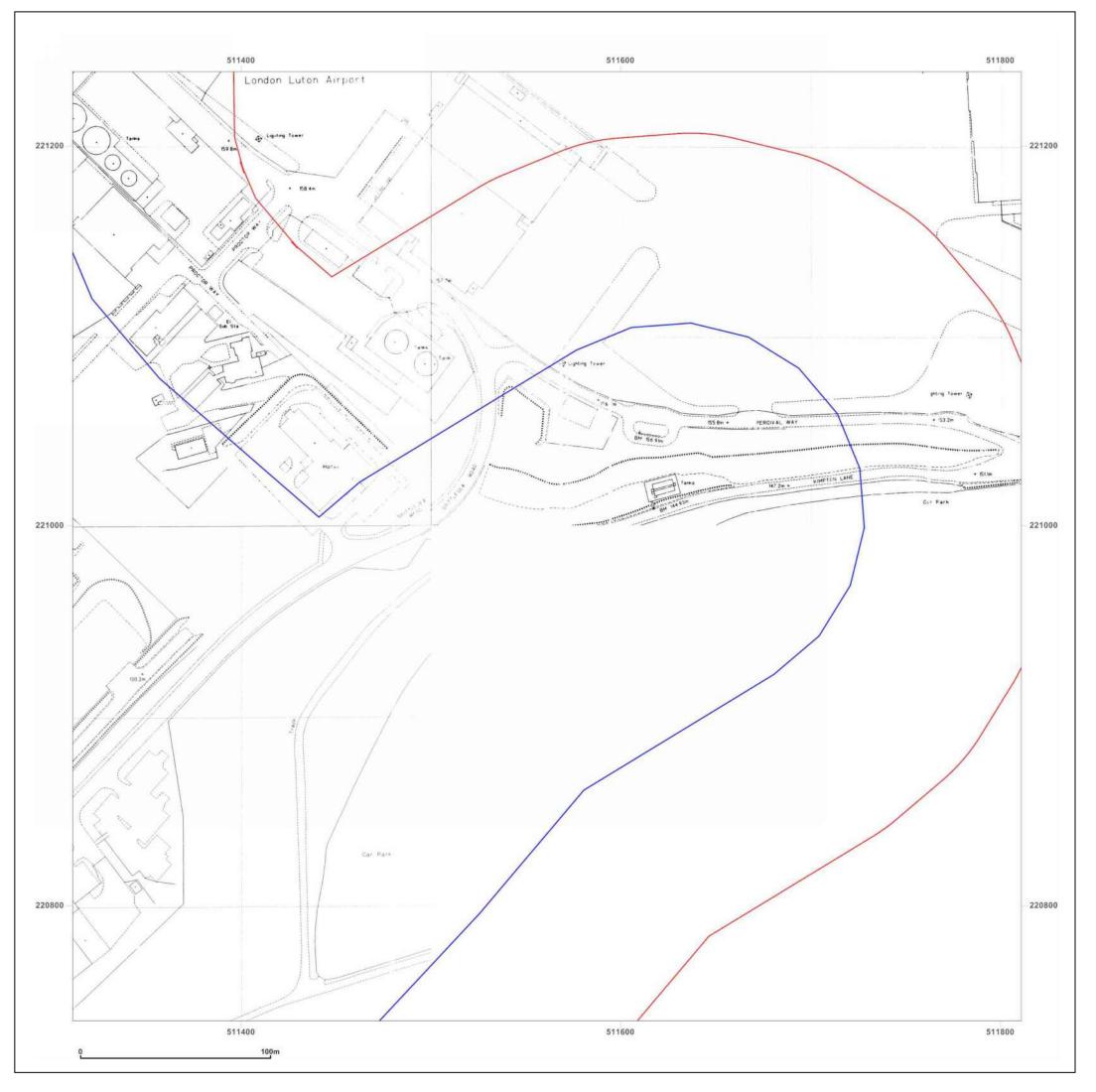






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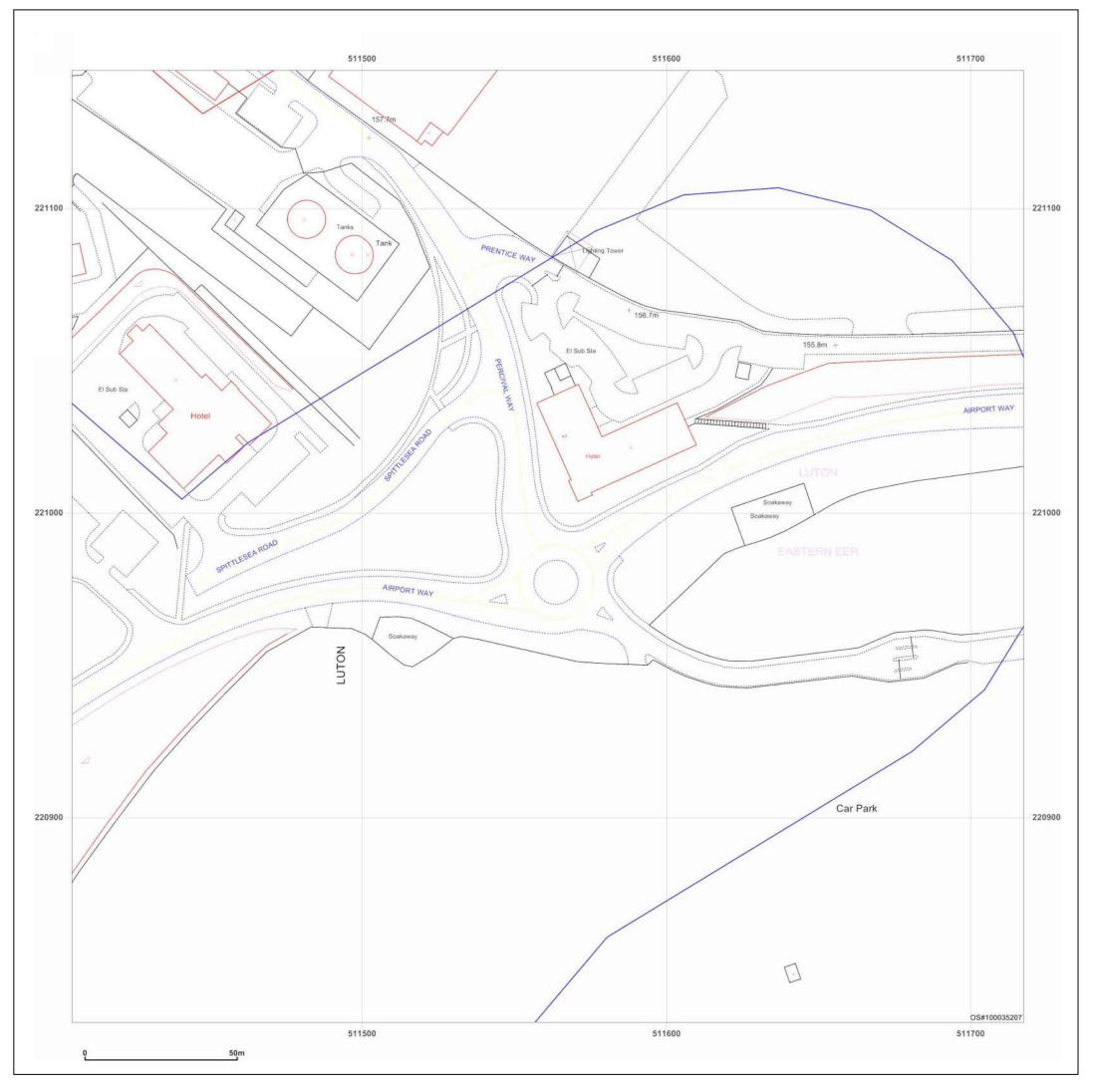


Site Details:		
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Client Ref:	Proposed Link Road - C	PAR
Report Ref: Grid Ref:	GSIP-2020-10588-3214	
Grid Rei.	511561, 220989	
Map Name:	National Grid	N
Map date:	1993	W E
Scale:	1:1,250	w T
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Revised N/A Edition N/A		
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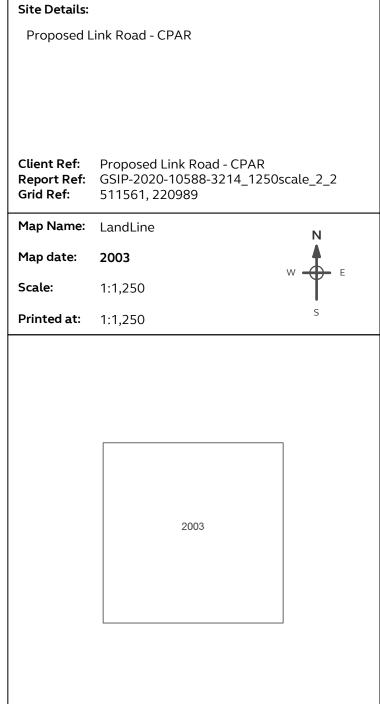


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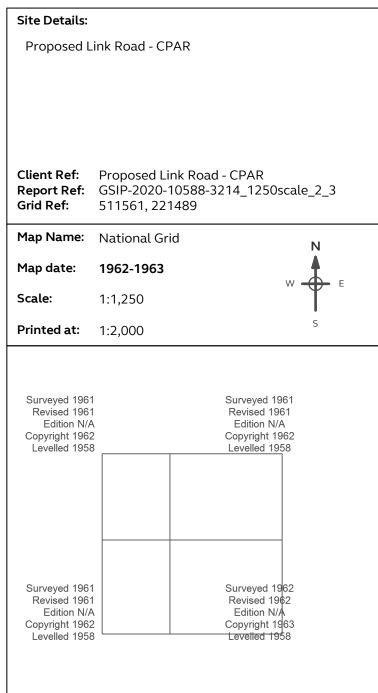


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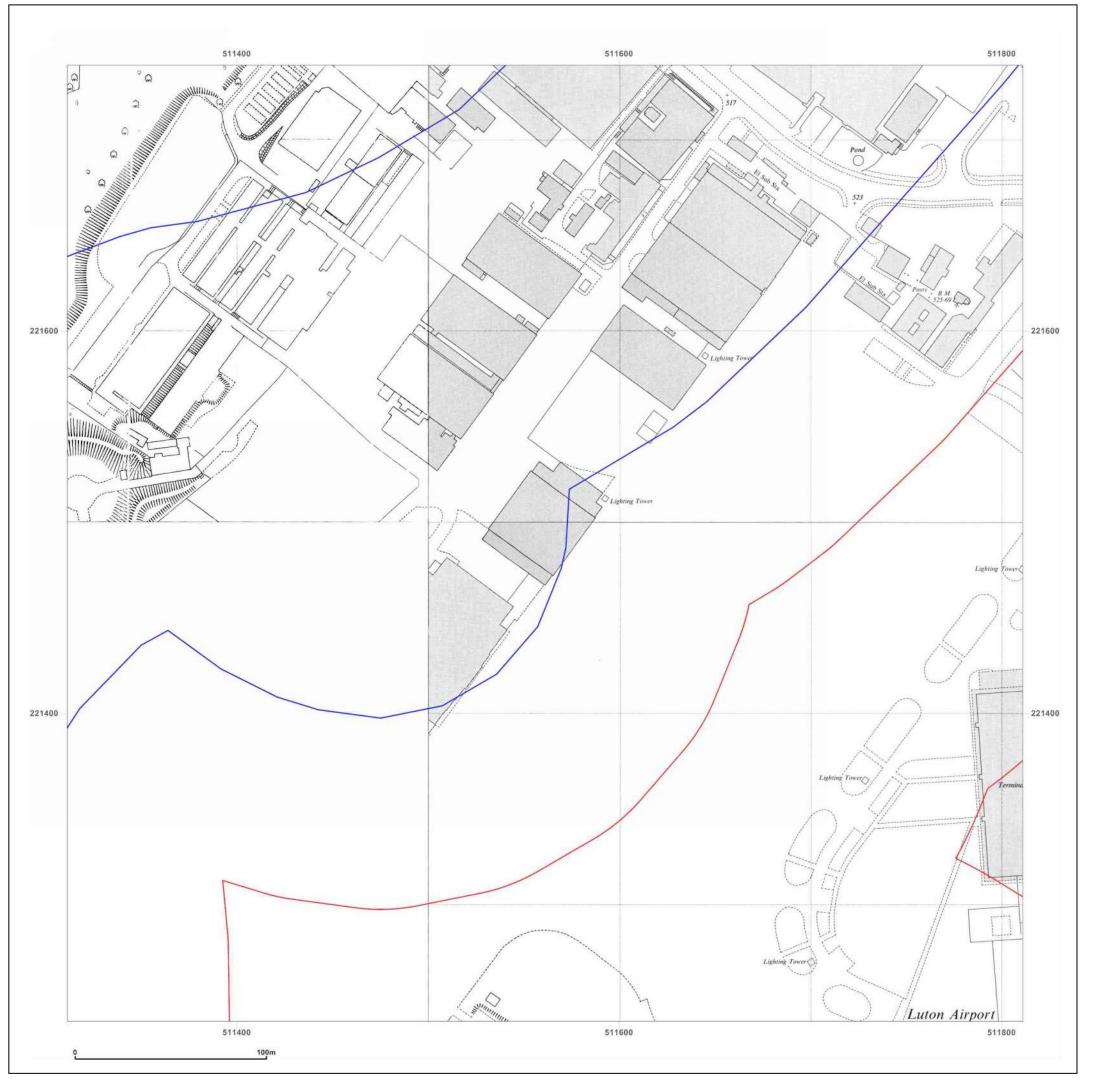




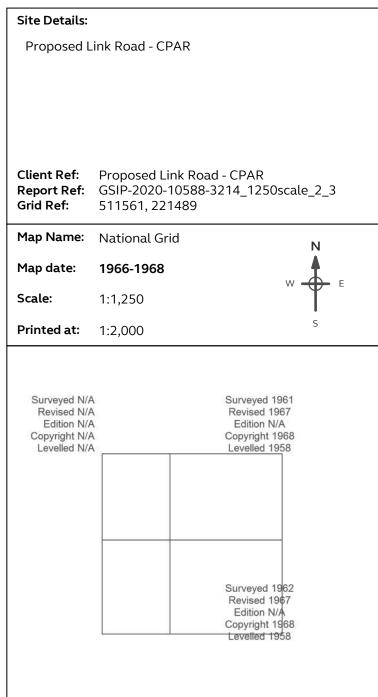


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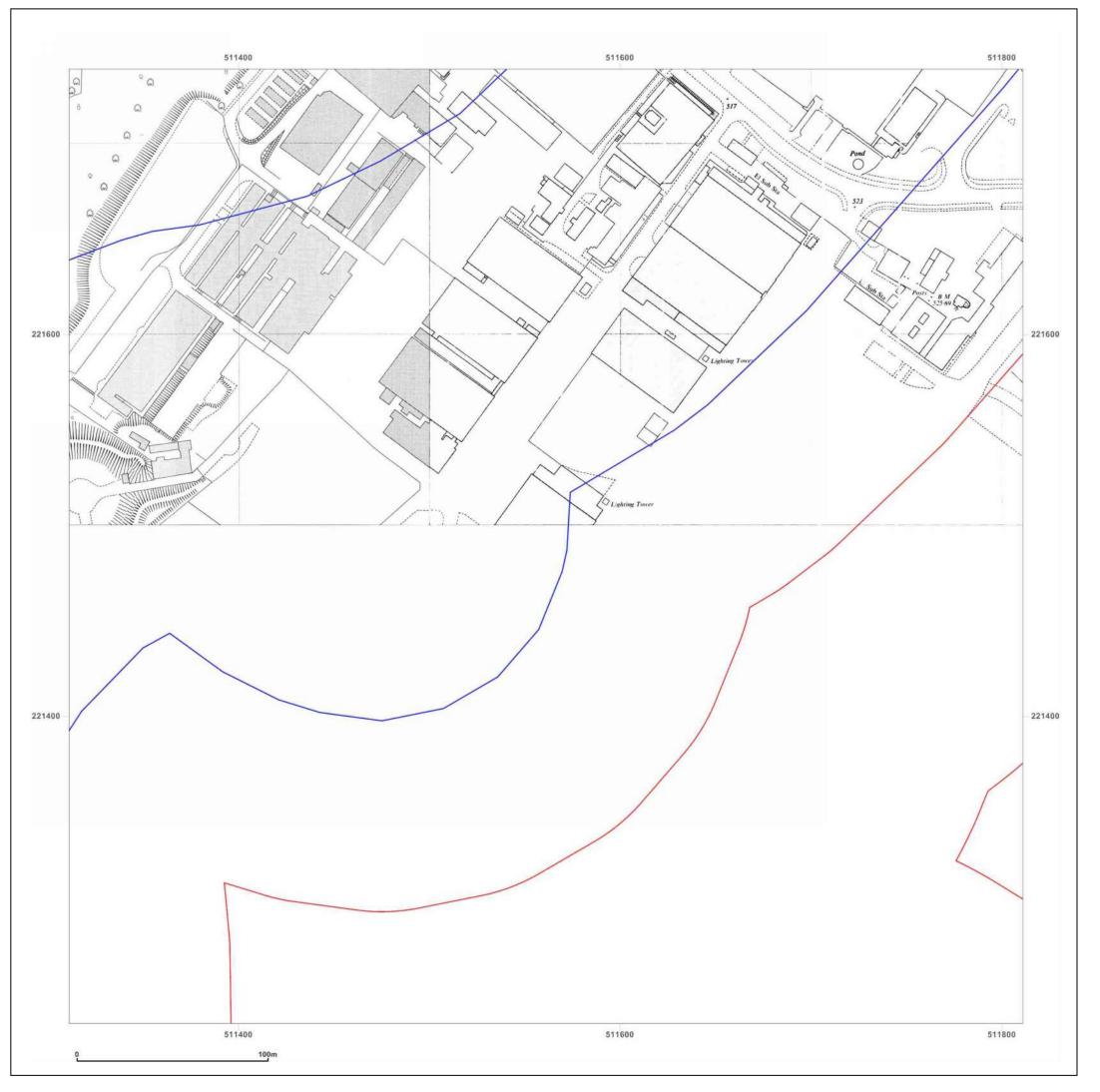






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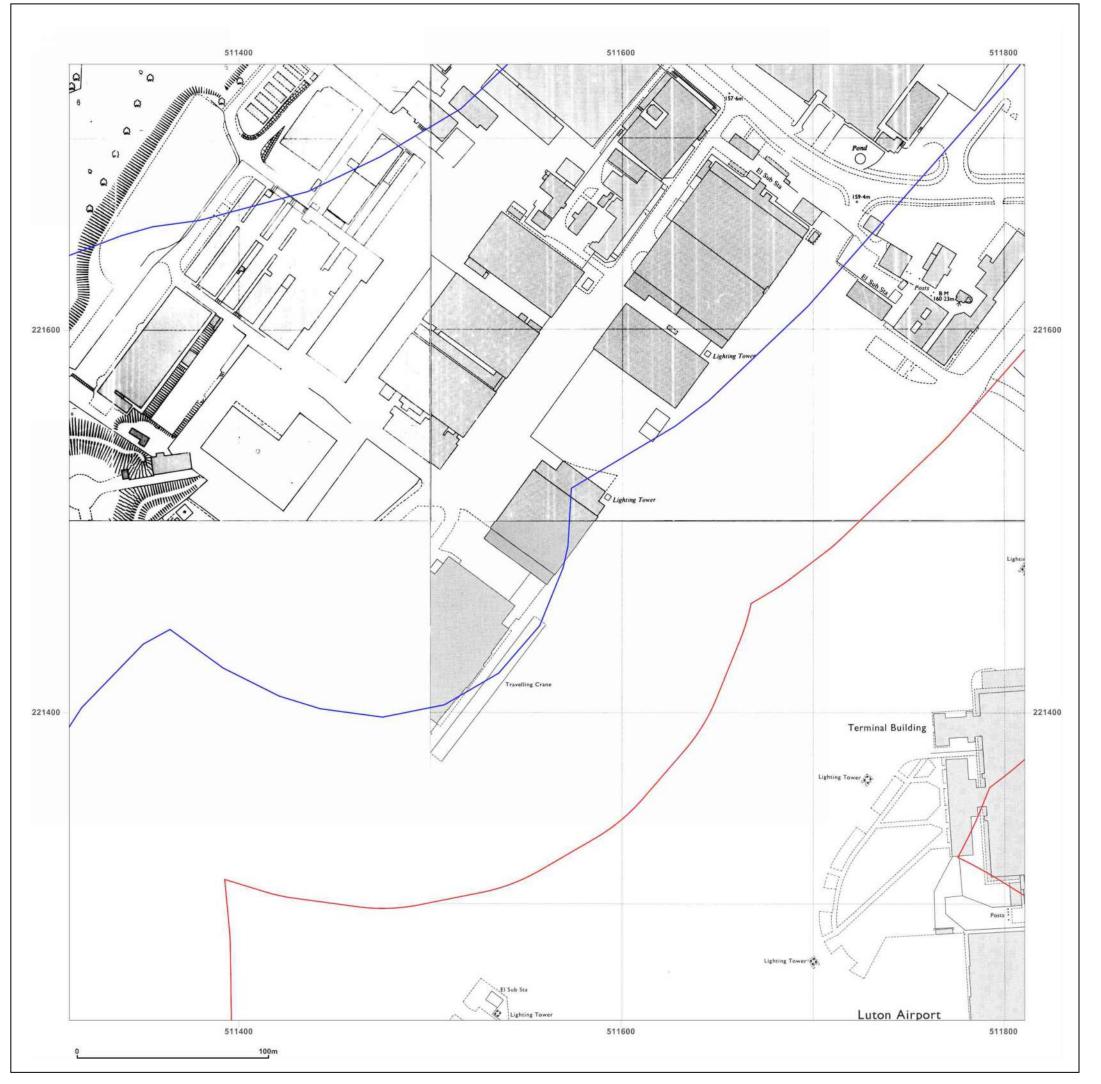


Site Details:	Site Details:	
Proposed Link Road - CPAR		
Client Ref: Report Ref: Grid Ref:	Proposed Link Road - CPAR GSIP-2020-10588-3214_1250scale_2_3 511561, 221489	
Map Name:	National Grid N	
Map date:	1967-1968	
Scale:	1:1,250	
Printed at:	1:2,000	
Surveyed 1966 Revised 1966	Revised N/A	
Edition N/A Copyright 1967	7 Copyright N/A	
Levelled 1958	B Levelled N/A	
1		

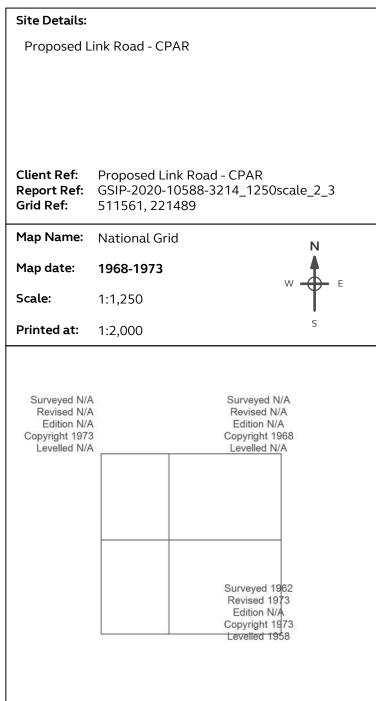


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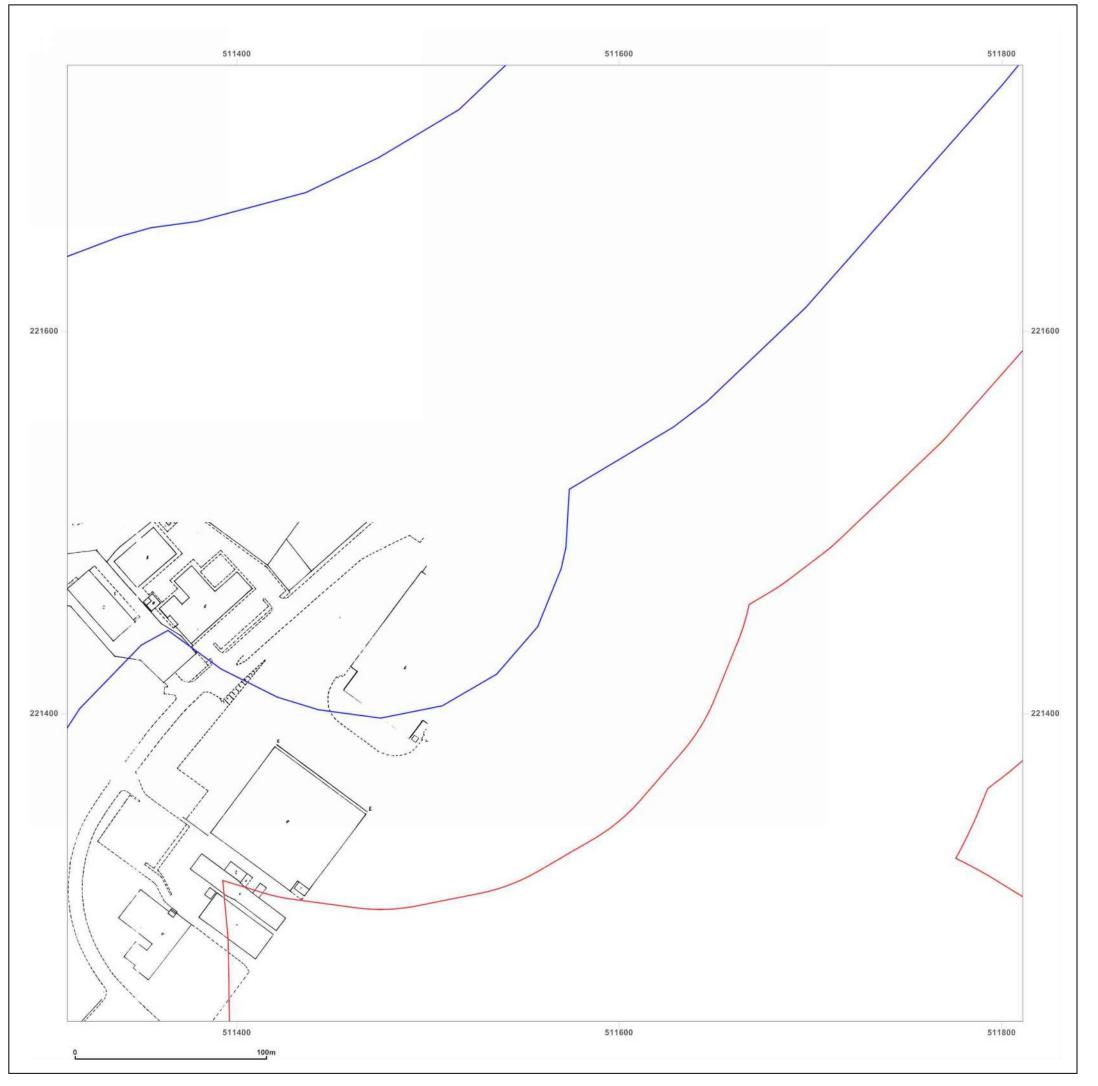




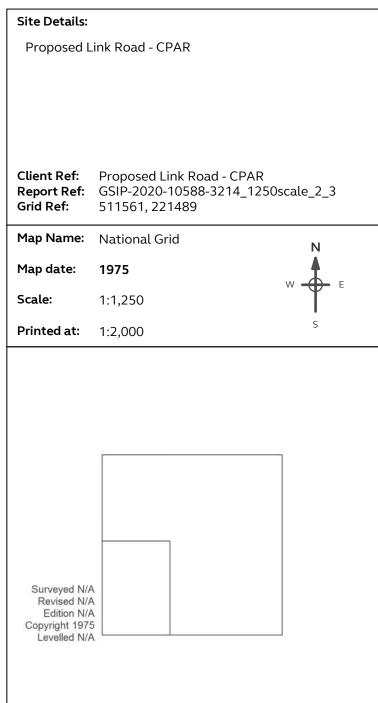


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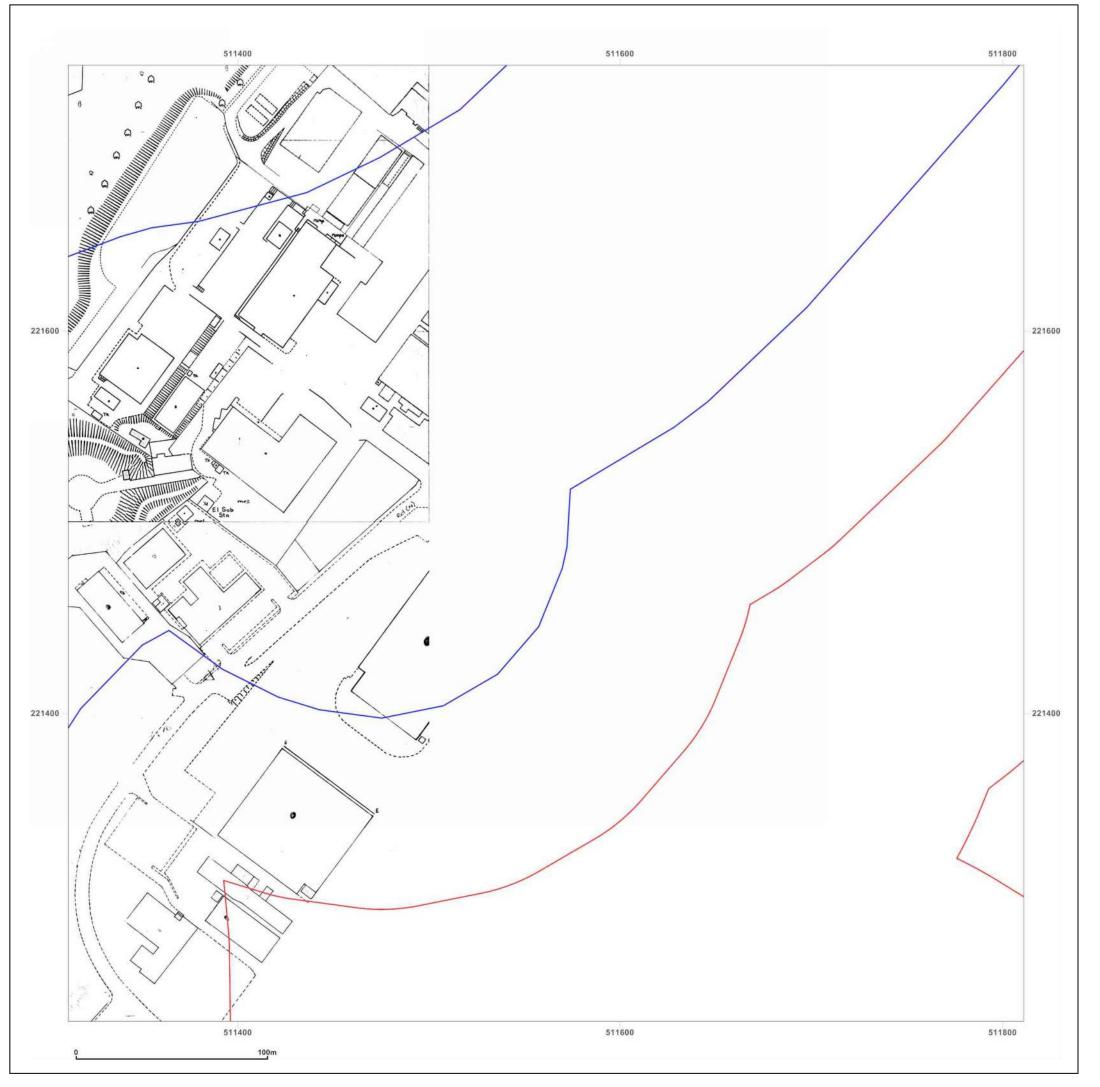




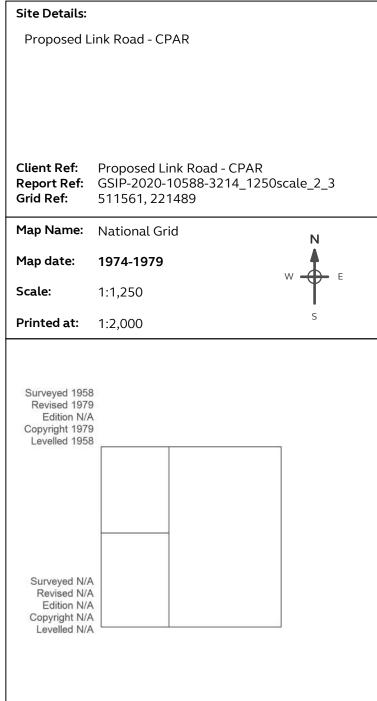


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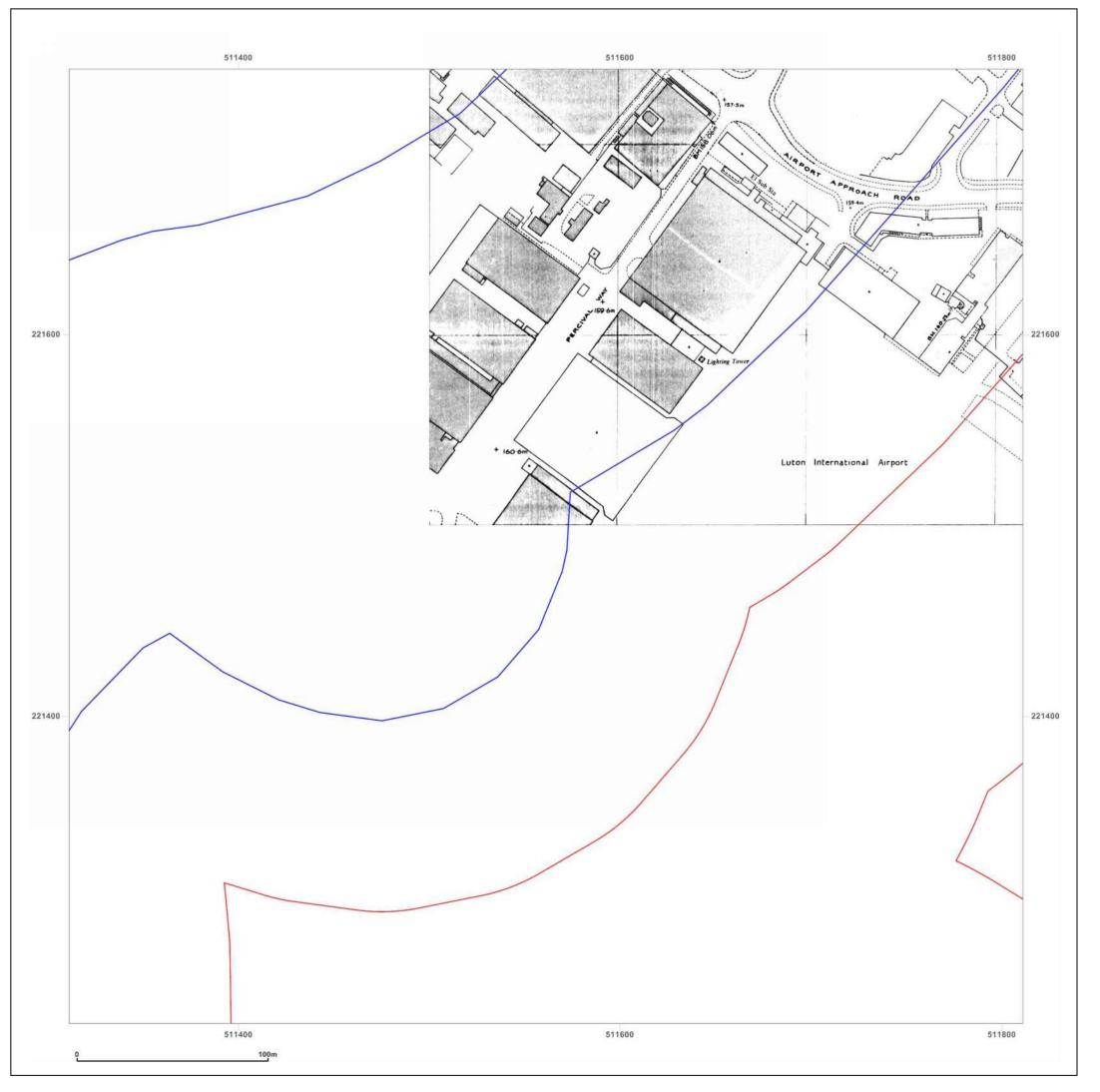
Site Details: Proposed Link Road - CPAR Client Ref: Proposed Link Road - CPAR Report Ref: GSIP-2020-10588-3214_1250scale_2_3 **Grid Ref:** 511561, 221489 Map Name: National Grid Map date: 1976-1981 Scale: 1:1,250 **Printed at:** 1:2,000 Surveyed N/A Revised N/A Edition N/A Copyright 1981 Levelled 1958 Surveyed 1961 Revised 1975 Edition N/A Surveyed N/A Revised N/A Edition N/A Copyright 1981 Levelled 1958 Copyright 1976 Levelled 1958



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Proposed Link Road - CPAR		
Proposed Link Road - CPAR GSIP-2020-10588-3214_1250scale_2_3 511561, 221489		
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1987		
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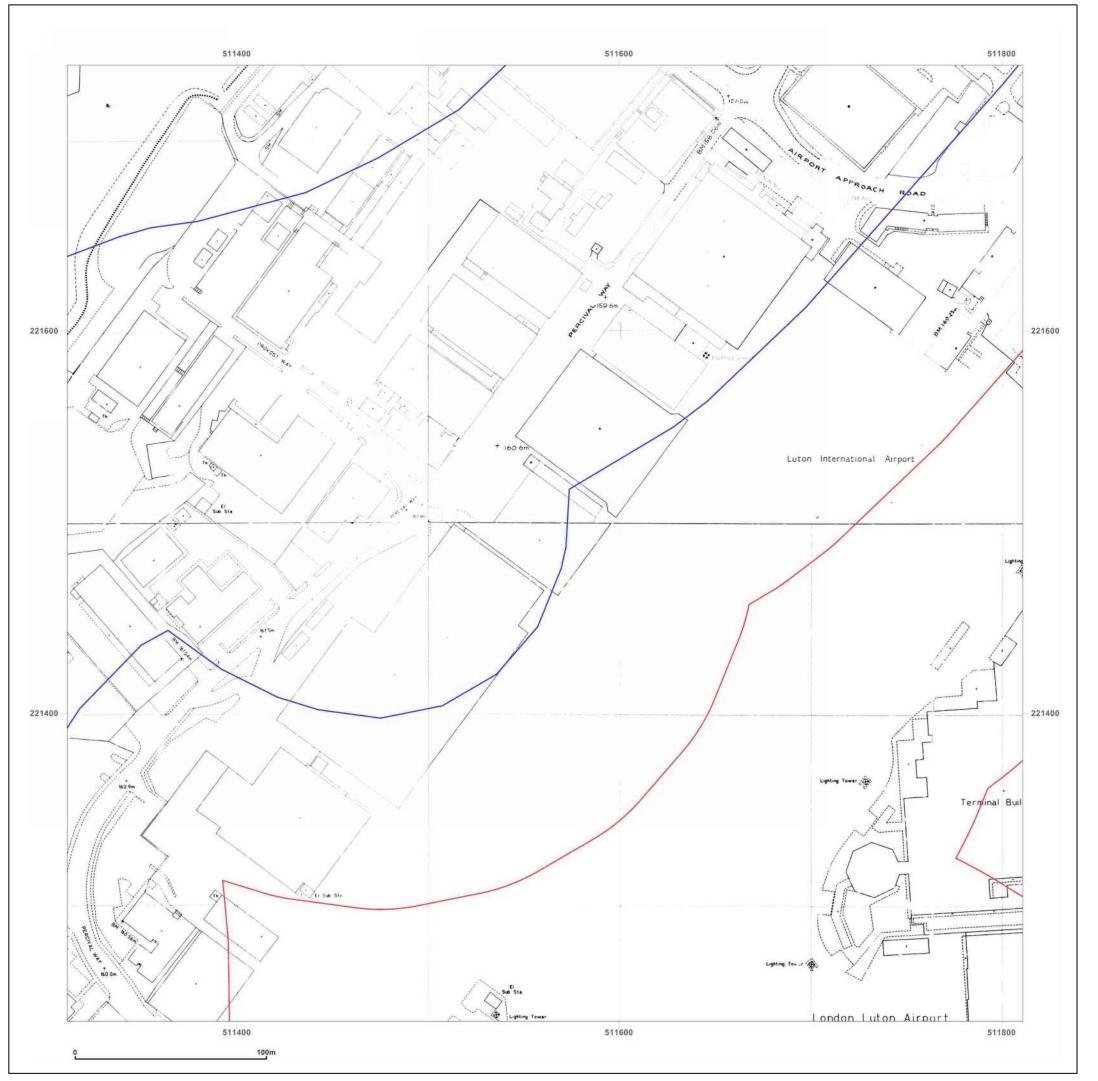


Site Details:		
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Client Ref: Report Ref: Grid Ref:	Proposed Link Ro GSIP-2020-10588 511561, 221489	ad - CPAR 3-3214_1250scale_2_3
Map Name:	National Grid	N
Map date:	1987-1991	W E
Scale:	1:1,250	\ \
Printed at:	1:2,000	S
Surveyed 1990 Revised 1990 Edition N/A Copyright 1990 Levelled N/A	0 A 0	Surveyed 1982 Revised 1987 Edition N/A Copyright 1987 Levelled 1982
Surveyed N/A Revised N/A Edition N/A Copyright 199 Levelled N/A	A A 1	



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Site Details: Proposed Link Road - CPAR Client Ref: Proposed Link Road - CPAR Report Ref: GSIP-2020-10588-3214_1250scale_2_3 **Grid Ref:** 511561, 221489 Map Name: National Grid Map date: 1991-1993 Scale: 1:1,250 **Printed at:** 1:2,000 Surveyed N/A Revised N/A Surveyed N/A Revised N/A Edition N/A Copyright 1991 Levelled 1982 Edition N/A Copyright 1993 Levelled N/A Surveyed N/A Revised N/A Edition N/A Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A Copyright 1993 Levelled N/A



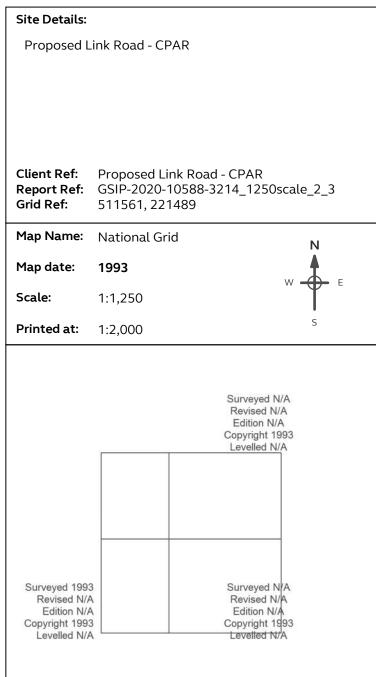
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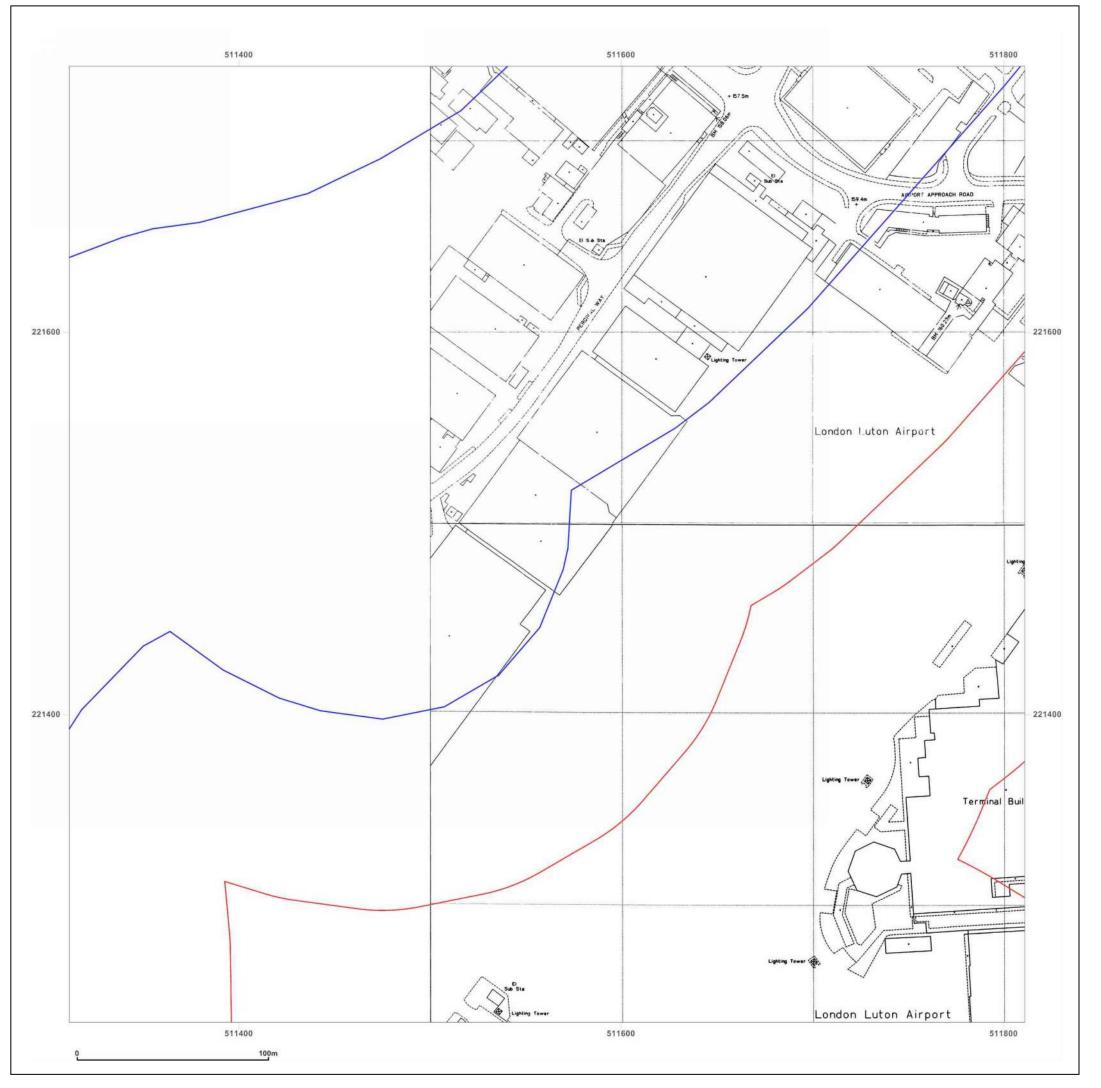




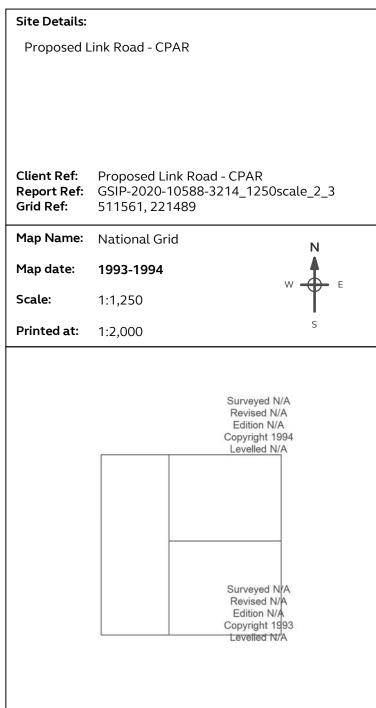


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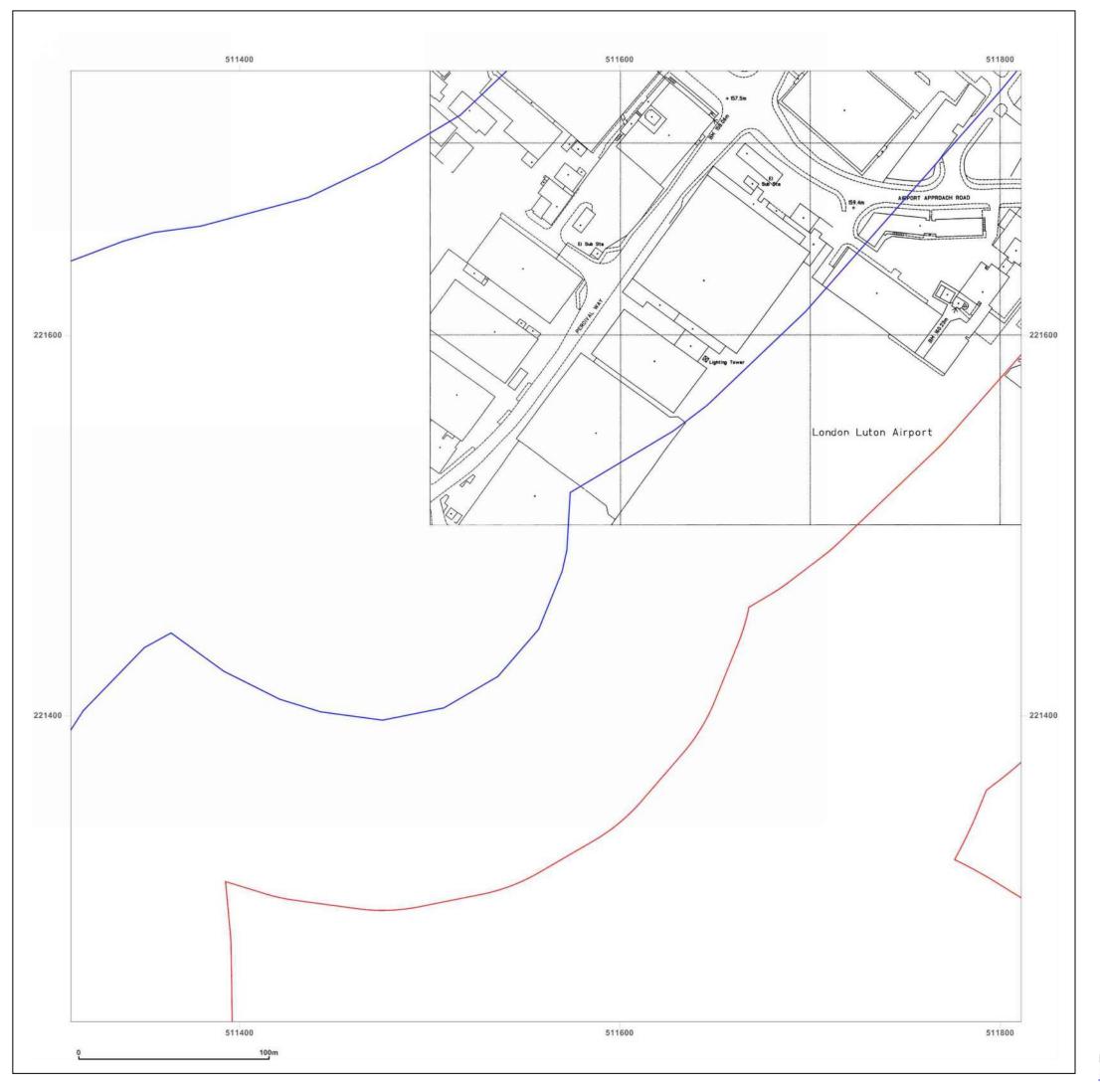






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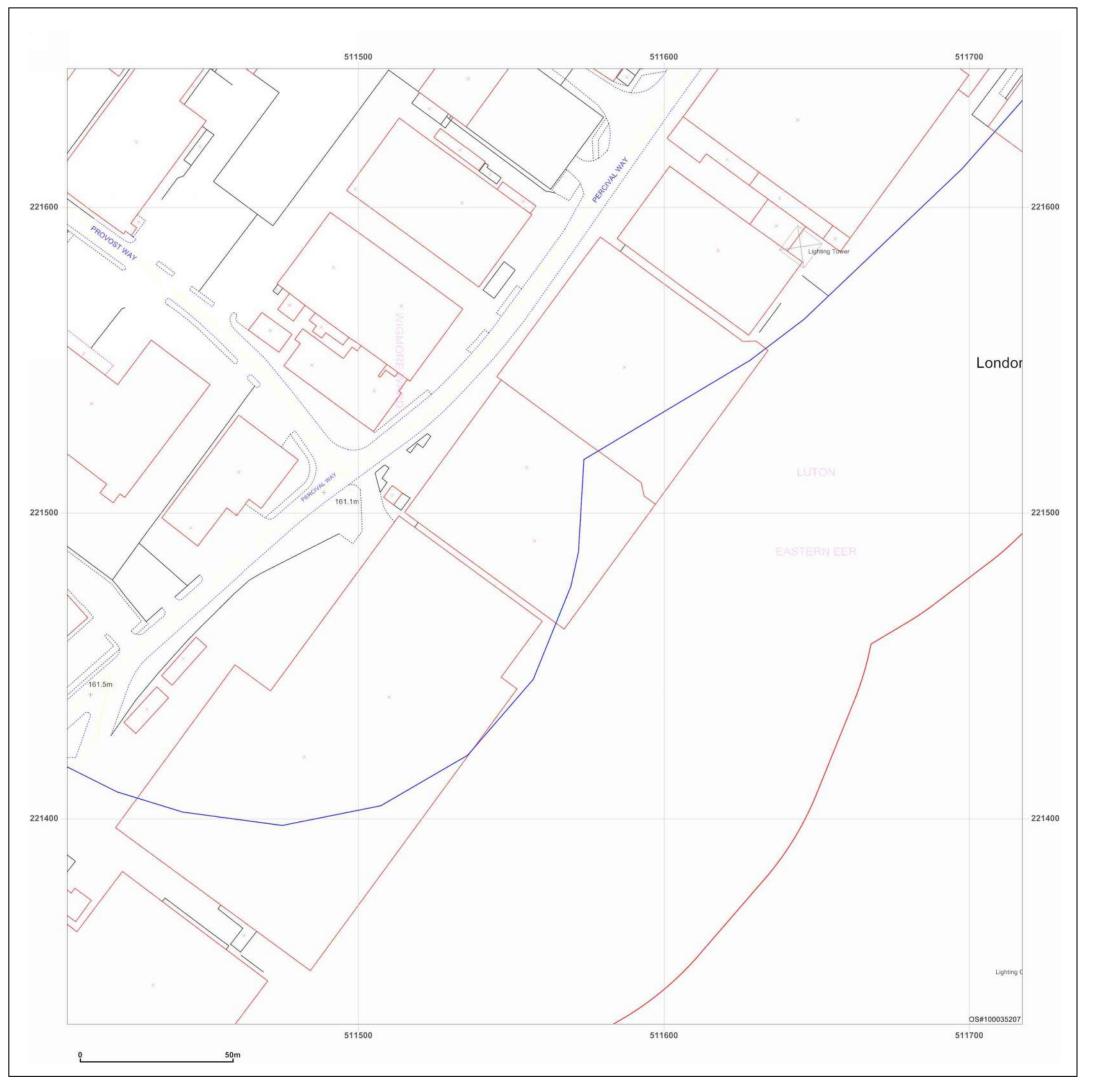


Site Details:		
Proposed Link Road - CPAR		
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Map Name:	National Grid N	
Map date:	1994	
Scale:	1:1,250	
Printed at:	1:2,000 S	
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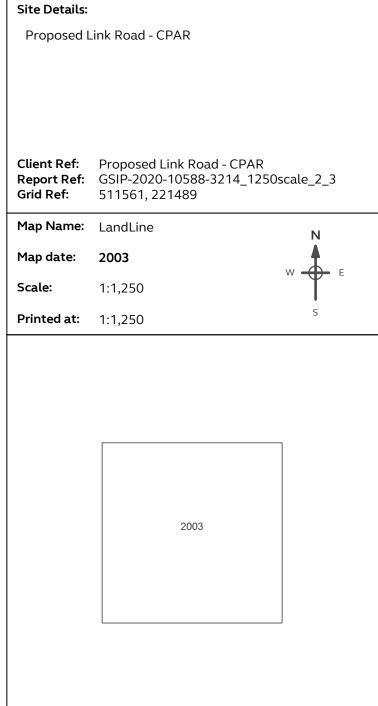


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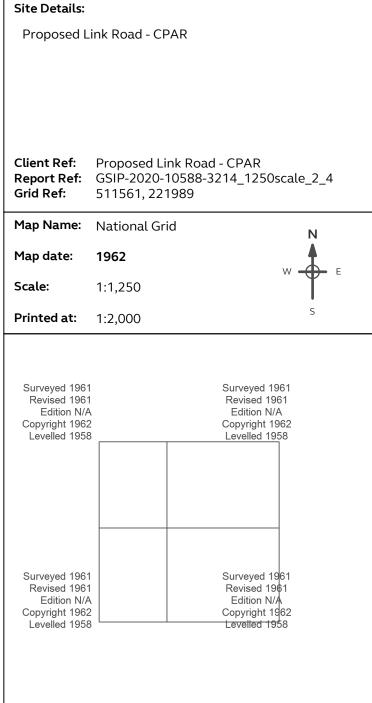


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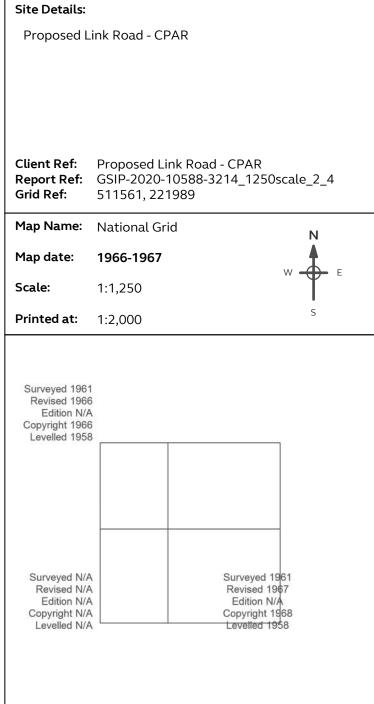


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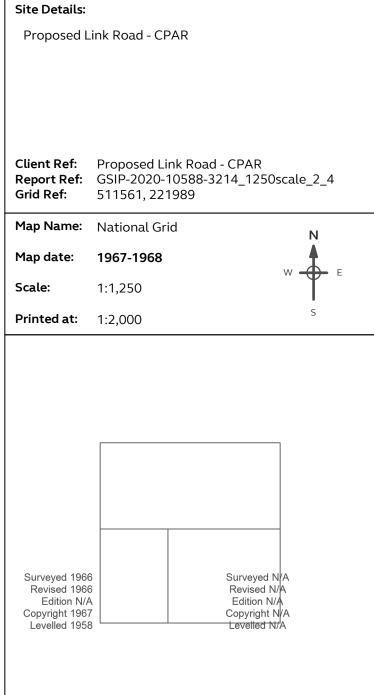


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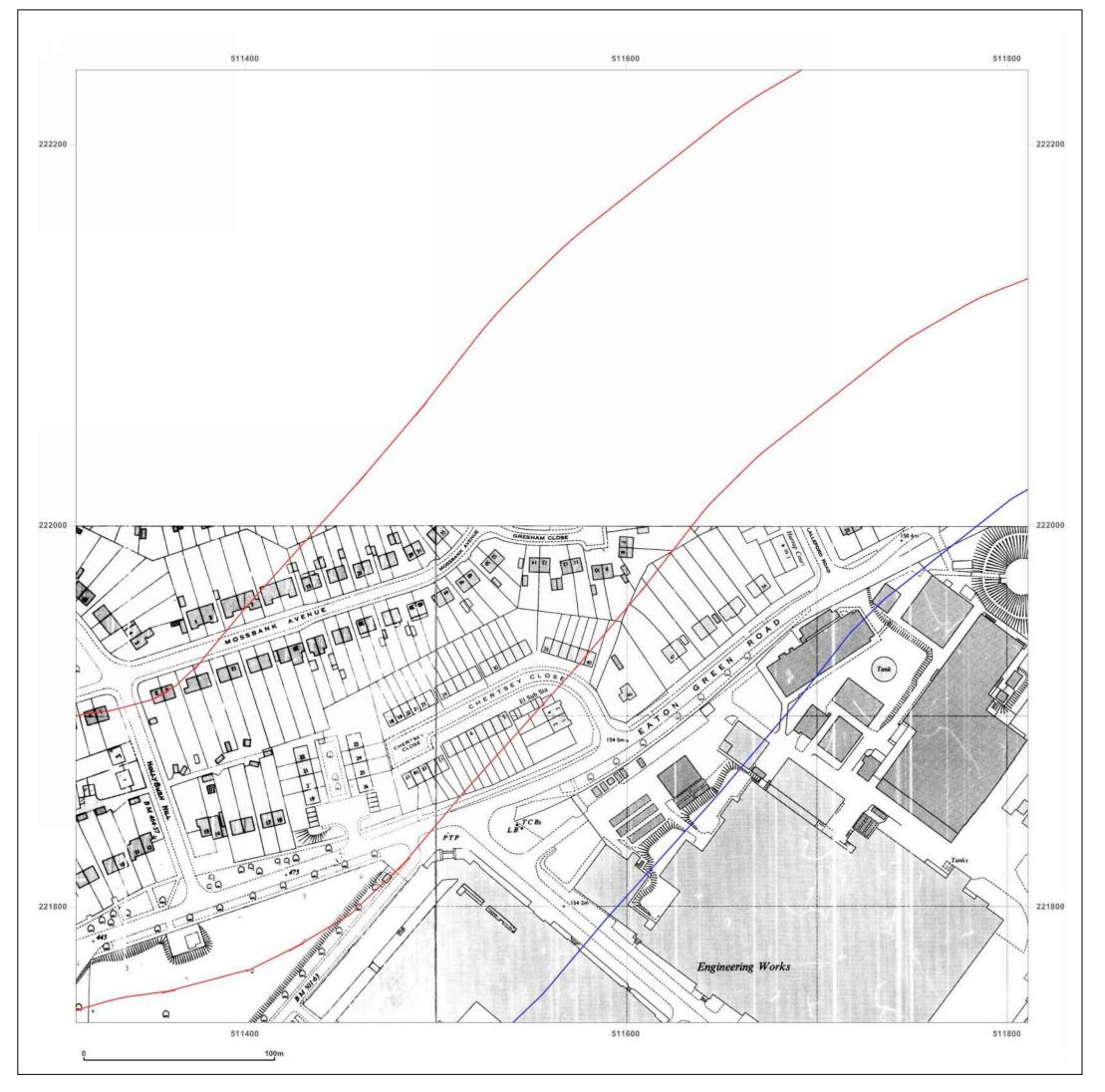




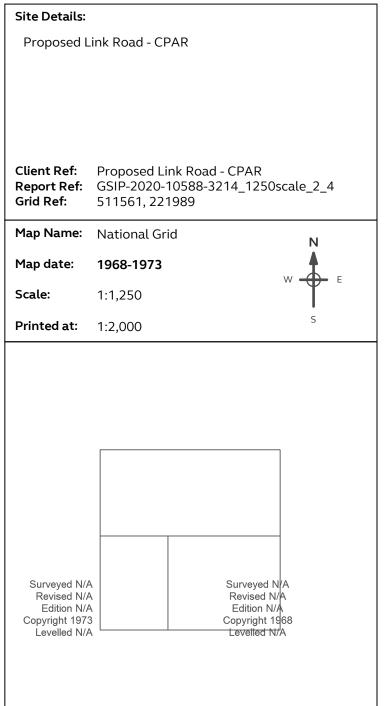


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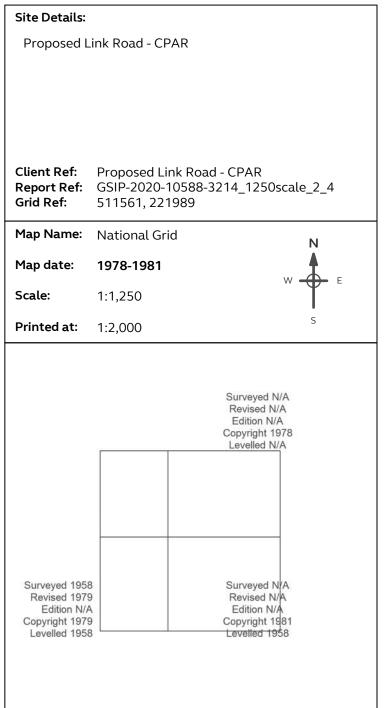


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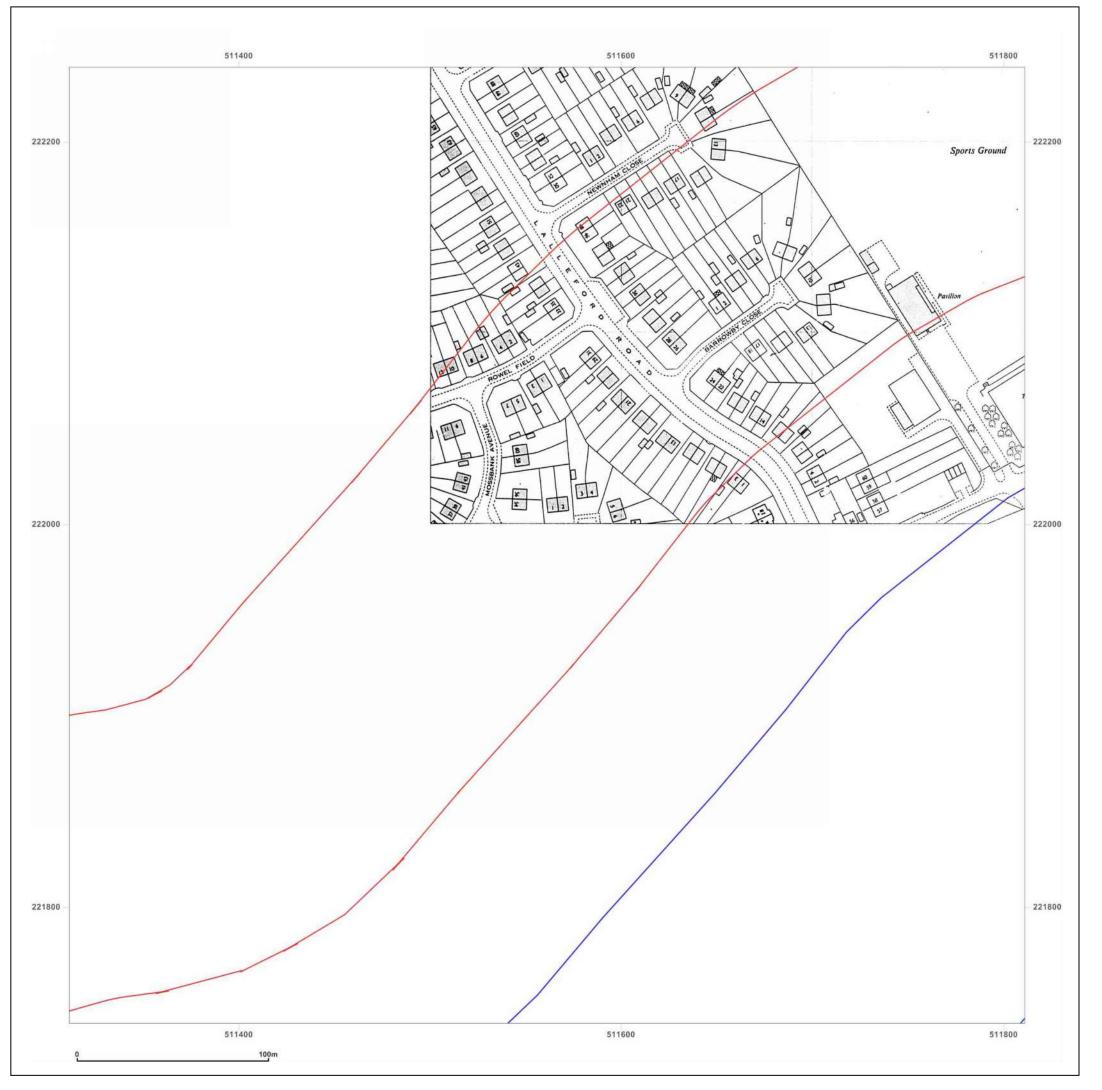






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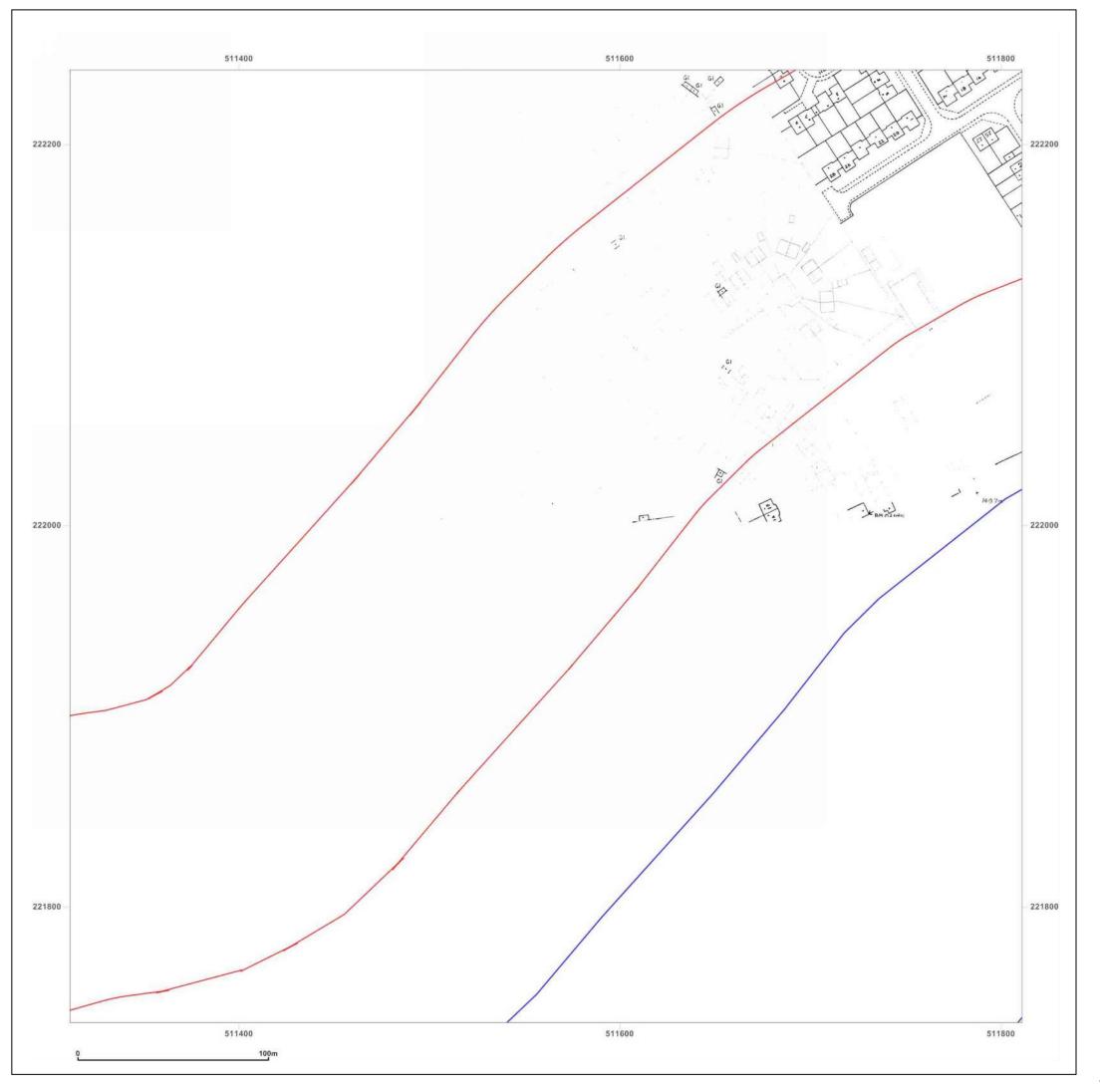
Proposed Link Road - CPAR		
Client Ref: Report Ref: Grid Ref:	Proposed Link Ro GSIP-2020-1058 511561, 221989	8-3214_1250scale_2_4
Map Name:	National Grid	Ν
Map date:	1981	W E
Scale:	1:1,250	"
Printed at:	1:2,000	S
		Surveyed N/A Revised N/A Edition N/A Copyright 1981 Levelled 1958



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Site Details:

Proposed Link Road - CPAR		
Client Ref: Report Ref: Grid Ref:	Proposed Link Ro GSIP-2020-1058 511561, 221989	oad - CPAR 8-3214_1250scale_2_4
Map Name:	National Grid	N
Map date:	1984	W . 5
Scale:	1:1,250	W E
Printed at:	1:2,000	S
		Surveyed N/A Revised N/A Edition N/A Copyright 1984 Levelled 1982



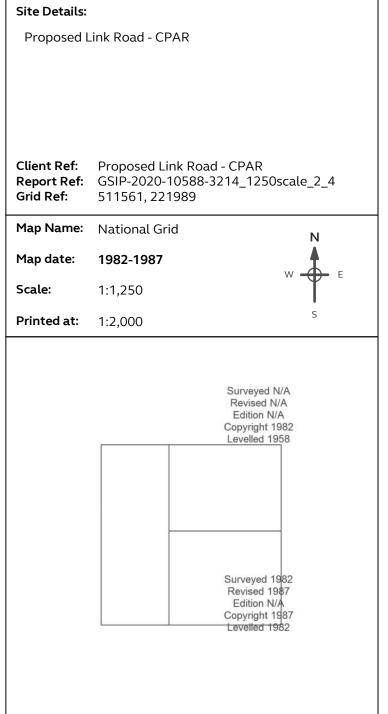
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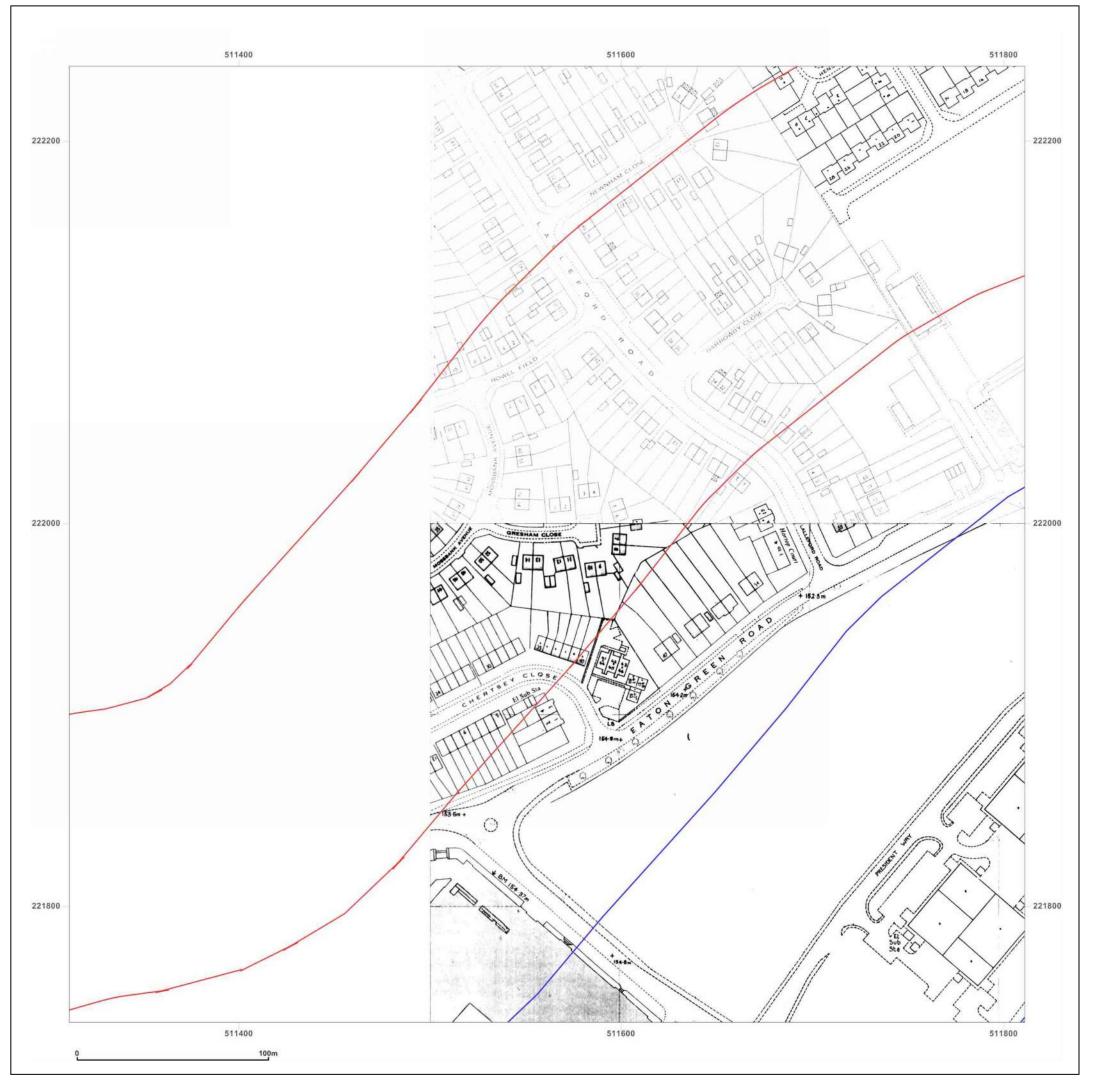




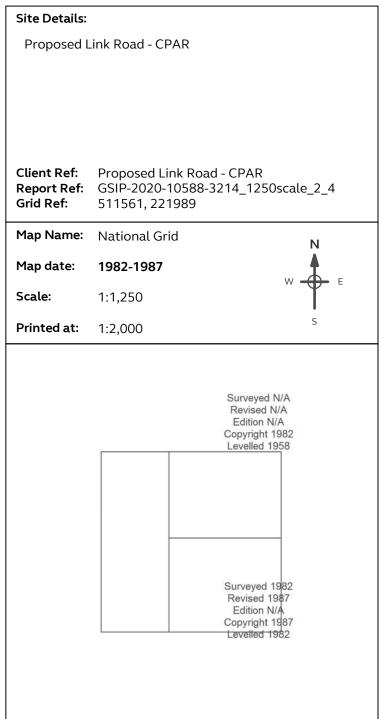


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Site Details:		
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Client Ref:	Proposed Link Road - CPAR	
Report Ref: Grid Ref:	GSIP-2020-10588-3214_1250scale_2_4 511561, 221989	
Map Name:	National Grid	
Map date:	1985-1990	
Scale:	1:1,250	
Printed at:	1:2,000 ^S	
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Revised 1990 Edition N/A Copyright 1990		
Levelled N/A		

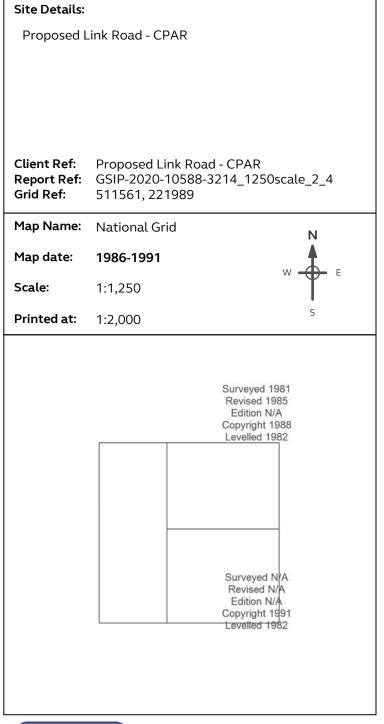


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Site Details: Proposed Link Road - CPAR Client Ref: Proposed Link Road - CPAR Report Ref: GSIP-2020-10588-3214_1250scale_2_4 **Grid Ref:** 511561, 221989 Map Name: National Grid Map date: 1993 Scale: 1:1,250 **Printed at:** 1:2,000 Surveyed N/A Revised N/A Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A Edition N/A Copyright 1993 Levelled N/A Surveyed N/A Revised N/A Edition N/A Surveyed N/A Revised N/A Edition N/A Copyright 1993 Copyright 1993 Levelled N/A Levelled N/A



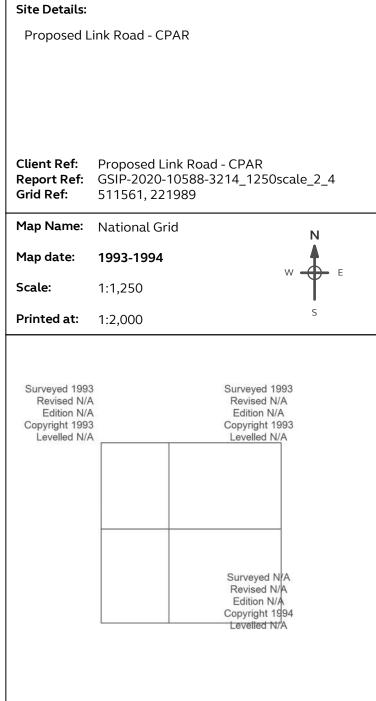
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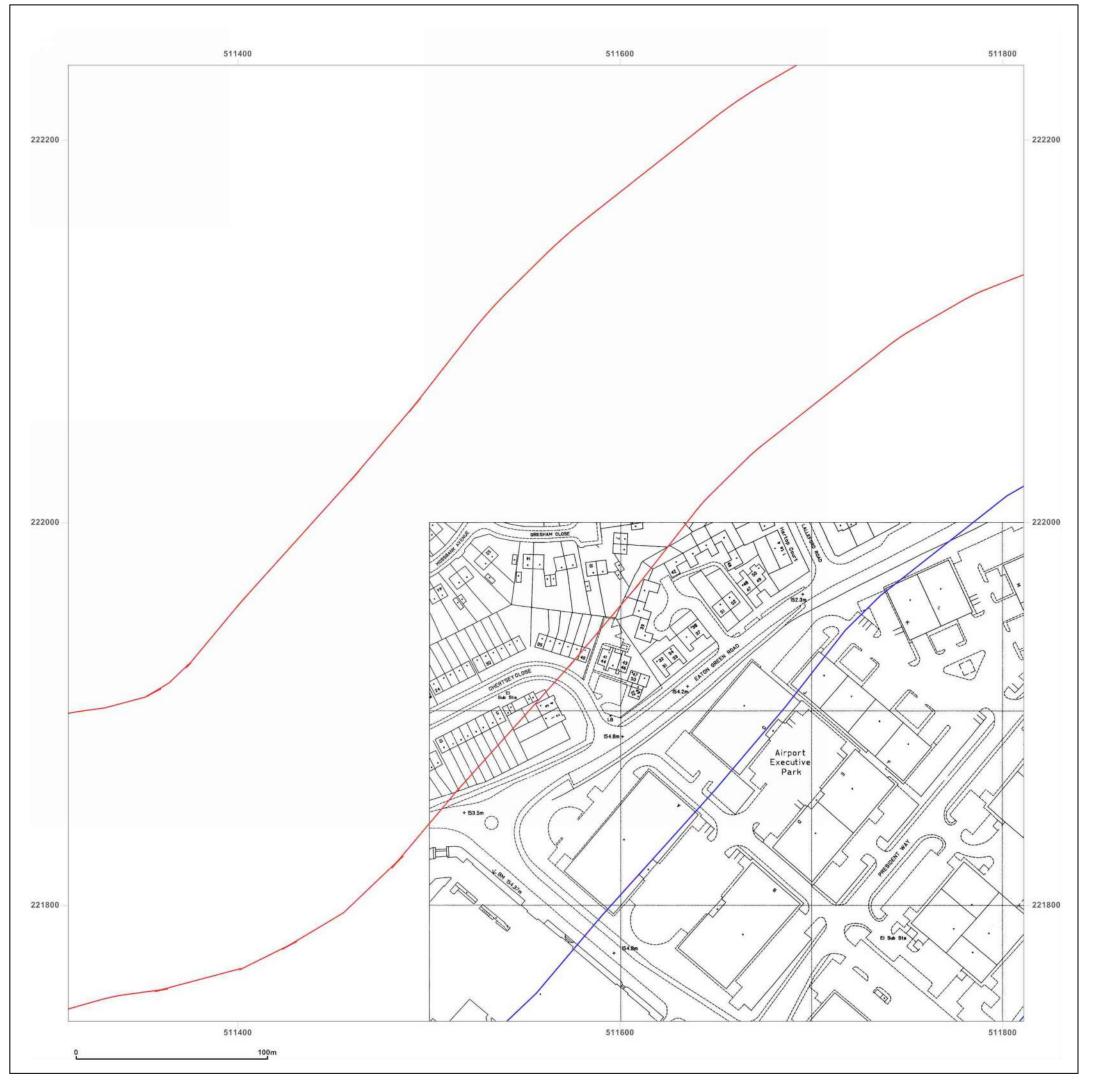




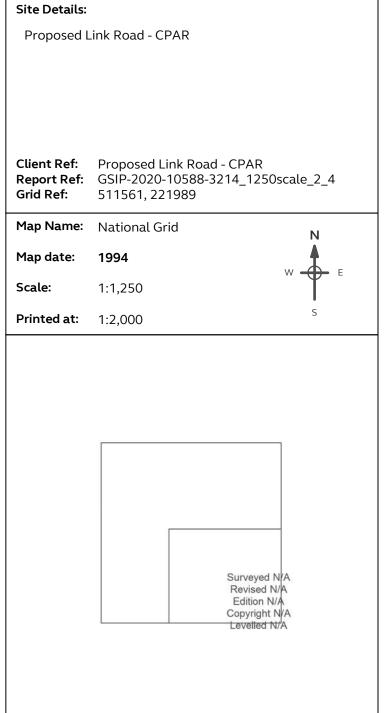


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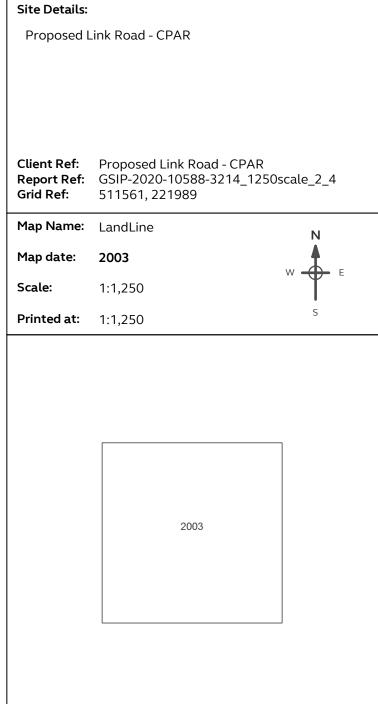


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